Product Environmental Profile

Socket-outlet 2-gang Wago C-mount twhite



Company information

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References covered

For the complete list of the covered references, see details in Appendix.

Methodology

PEP has been performed according to the PCR version PEP-PCR-ed4-2021 09 06 and PSR version PSR-0005-ed3.1-2023 12 08 issued by the PEP ecopassport program.
For further information, please see the website of the program www.pep-ecopassport.org

Reference product

Reference product identification
GS20009016

Use scenario based on :
PSR product Category : PSR-0005-ed3.1-2023 12 08
3.10. Sockets

Functional unit

Connect/disconnect the plug of a load consuming 16 A maximum under a voltage of 230 V while protecting the user from direct contact with live parts, at IK07 and IP20 level in the Household/Commercial areas, according to the appropriate use scenario, and for the reference service life of the product of 20 years.

The functional unit is based on the use scenario recommended by the PCR for the category of the reference product.

Materials and substances

All useful measures have been adopted to ensure that the materials used in the composition of the product do not contain any substances banned by the legislation in force at the time of marketing.

Plastics			Metals			Others		
	g	%		g	%		g	%
PA6	64.25	27.8%	Copper	25.93	11.2%	Glass	18.93	8.2%
PA66	27.22	11.8%	Brass	17.91	7.8%	Cardboard	18.58	8.0%
PC	26.62	11.5%	Zamak	8.90	3.9%	Melamine cyanurate	9.18	4.0%
PE-LD	1.10	0.5%	Stainless steel	3.04	1.3%	Wood	5.50	2.4%
PBT	0.70	0.3%	Steel	1.19	0.5%	Paper	0.49	0.2%
			Other	0.65	0.3%	Other	0.70	0.3%
Total mass of reference product with raw material packaging :			**230.86 g**					
Total mass of reference product (Product + packaging)			**219.83 g**					

System Boundaries

The environmental information included in the PEP covers all the stages of the life cycle, from "cradle to grave".

Manufacturing			Distribution	Installation	Use							End of life				Module D
Raw material extraction and processing	Transport to the manufacturer	Manufacturing	Distribution to the place of operation	Installation on the place of operation	Use or application of the product installed	Maintenance	Repair	Replacement	Restoration	Energy requirements during the use stage	Water requirements during the use stage	Deinstallation	Transport to the waste treatment site	Treatment of waste in view of its reuse, recovery and/or recycling	Disposal	Benefits and loads beyond the system boundaries
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Life cycle stages																

Manufacturing

These products are manufactured by a site that has received an environmental certification ISO 14001.

This phase takes into account raw materials, manufacturing processes, production offcuts and their end-of-life treatment, upstream transport of materials and sub-assemblies to the manufacturing site, and transport from the manufacturing site to the final logistics platform.

Distribution

The packaging has been designed in accordance with current regulations. In particular, the European directive 94/62/CE relative to packaging and packaging waste.

The used packaging is 100% recyclable or recoverable.
Packaging and logistic flows are continuously improved in order to reduce their impact.

This phase taken into account the transport of the finished product, including packaging, to its place of use.

Installation

Installation processes

The processes to install the product are not considered in this study because of their weak impact compared to the other life cycles steps.

This phase only take into account the impact of the packaging waste treatment.

Installation elements (non delivered with the product)

Elements non delivered with the product and needed to install the product are not considered.

Use

Power loss / load dependent			
Active mode		Inactive mode	
Watt	% of time	Watt	% of time
0.0386	30.0%	0	70.0%

Power consumption / not load dependent					
Active Sleep phase		Passive Sleep phase		Turn off phase	
Watt	% of time	Watt	% of time	Watt	% of time
0	100.0%	0	0.0%	0	0.0%

This corresponds to a total energy consumption of 2.03 kWh for the use span of 20 years.

Energy model of the use phase :
Europe

Consumables and maintenance :
None

End of life

Considering the complexity of the recycling channels for electric and electronic equipment impacts, we rely mainly on ESR modules (datasets for WEEE product end of life).

The recycling potential of the product is: 26%. The calculation of this rate is based on the method of the IEC/TR 62635.

Environmental impacts

Evaluation of the environmental impact covers the following life cycle stages: raw materials + manufacturing (RMM), distribution (D), installation (I), use (U) and end of life (EoL).
An impact of 0 means that this impact represents either less than 0.01% of the total life-cycle impact of the reference stream, or no impact at all, when the global impact is zero.

All calculations are done with EIME software Version 6.2.4-12 with the database Version CODDE-2024-04.
Indicators set : Indicators for PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v2.0
PEP representative of the covered products marketed in: Europe
Energy models considered for each phase

Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4
Europe	-	Europe	Europe	Europe

Environmental impact indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Acidification (PEF-AP)	mole H+ eq.	2.75E-02	2.39E-04	4.51E-05	3.66E-03	3.07E-03	3.45E-02	-2.13E-02
Climate change - Total (PEF-GWP)	kg CO2 eq.	1.93E+00	3.77E-02	2.00E-02	7.15E-01	3.99E-01	3.11E+00	6.57E-02
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	2.00E-02	0.00E+00	3.77E-03	1.32E-03	8.72E-03	3.38E-02	-1.71E-03
Climate change-Fossil (PEF-GWPf)	kg CO2 eq.	1.91E+00	3.77E-02	1.62E-02	7.14E-01	3.90E-01	3.07E+00	6.74E-02
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	4.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-05	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	2.43E+03	2.47E-02	2.34E-01	1.35E+00	1.38E+00	2.43E+03	-5.01E+00
EF-particulate Matter (PEF-PM)	incidence of diseases	1.69E-07	1.94E-09	2.69E-10	2.95E-08	1.40E-08	2.15E-07	-3.70E-08
Eutrophication, freshwater (PEF-Epf)	kg P eq.	5.92E-04	1.42E-08	2.22E-07	1.88E-06	3.02E-06	5.97E-04	-2.20E-03
Eutrophication, marine (PEF-Epm)	kg N eq.	1.61E-03	1.12E-04	2.15E-05	4.46E-04	1.71E-03	3.90E-03	-7.81E-04
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	1.82E-02	1.23E-03	1.34E-04	7.17E-03	3.63E-03	3.03E-02	-1.02E-02
Human toxicity, cancer (PEF-CTUh-c)	CTUh	5.04E-07	6.63E-13	1.79E-09	8.99E-11	3.99E-10	5.06E-07	-2.57E-09
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	3.62E-07	1.28E-11	5.23E-11	2.15E-09	1.73E-08	3.81E-07	-2.56E-07
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	3.30E+01	9.19E-05	2.42E-03	1.03E+00	1.11E-02	3.41E+01	1.53E-04
Land use (PEF-LU)	No dimension	1.81E+00	0.00E+00	4.33E-05	1.98E-02	6.32E-01	2.47E+00	-5.61E+00
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	1.38E-07	5.78E-11	2.08E-10	3.47E-09	2.48E-08	1.66E-07	1.97E-09
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	6.31E-03	3.10E-04	3.13E-05	1.40E-03	1.03E-03	9.09E-03	-3.00E-03
Resource use, fossils (PEF-ADPf)	MJ	3.40E+01	5.26E-01	1.54E-01	1.81E+01	3.01E+00	5.58E+01	-5.16E-01
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	4.12E-04	1.49E-09	3.78E-10	2.53E-07	8.94E-07	4.13E-04	-6.47E-05
Water use (PEF-WU)	m3 eq.	1.74E+00	1.43E-04	1.21E-03	5.48E-02	6.18E+01	6.36E+01	-1.56E+02

Resource use indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Net use of fresh water	m3	4.06E-02	3.34E-06	2.82E-05	1.29E-03	1.63E+00	1.68E+00	-3.59E+00
Total primary energy	MJ	3.67E+01	5.27E-01	1.75E-01	2.28E+01	3.29E+00	6.35E+01	-1.41E+00
Total non renewable primary energy	MJ	3.40E+01	5.26E-01	1.54E-01	1.81E+01	3.01E+00	5.58E+01	-5.16E-01
Total renewable primary energy	MJ	2.68E+00	7.02E-04	2.05E-02	4.78E+00	2.79E-01	7.76E+00	-8.97E-01
Non renewable primary energy used as energy	MJ	2.95E+01	5.26E-01	1.54E-01	1.81E+01	3.01E+00	5.12E+01	-5.16E-01
Non renewable primary energy used as raw material	MJ	4.54E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E+00	0.00E+00
Use of non renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Renewable primary energy used as energy	MJ	2.23E+00	7.02E-04	2.05E-02	4.78E+00	2.79E-01	7.31E+00	-8.97E-01
Renewable primary energy used as raw material	MJ	4.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-01	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of secondary material	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Waste category indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Hazardous waste disposed	kg	1.47E+01	0.00E+00	3.96E-04	3.13E-02	9.28E-20	1.47E+01	6.32E-20
Non hazardous waste disposed	kg	4.31E-01	1.32E-03	6.65E-03	1.21E-01	3.63E-05	5.60E-01	2.12E-19
Radioactive waste disposed	kg	1.15E-04	9.43E-07	7.98E-07	2.77E-05	2.58E-08	1.45E-04	0.00E+00

Output flow indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	MJ	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00
Materials for energy recovery	kg	2.51E-03	0.00E+00	1.33E-03	0.00E+00	0.00E+00	3.84E-03	0.00E+00
Materials for recycling	kg	9.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-02	0.00E+00

Biogenic carbon content

Packaging	Unit	GLOBAL
Biogenic carbon content (Declared Unit)	kg of C	1.04E-02
Biogenic carbon content (Functional Unit)	kg of C	1.04E-02

Product	Unit	GLOBAL
Biogenic carbon content (Declared Unit)	kg of C	0.00E+00
Biogenic carbon content (Functional Unit)	kg of C	0.00E+00

Extrapolation rules

Additional references (see Appendix) covered by PEP, the environmental impacts for each phase and indicator are derived from life-cycle analysis (LCA). The impact values are either directly calculated by LCA or by extrapolation following PEP Ecopassport rules. However, some of the detailed conditions applied in those cases may differ from the main reference.

Verification

Registration N°: HAGE-00935-V02.02-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH65	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 9-2025	Validity period:	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006		
Internal ● External ○		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)		
PEPs are compliant with XP C08-100-1:2016 or EN 50693:2019 The elements of the present PEP cannot be compared with elements from another program.		
Document in compliance with ISO 14025 : 2006 « Environmental labels and declarations. Type III environmental declarations »		

Nota :

The picture has no contractual value.

All numerical values indicated in this document may vary and depend of many factors such as the tolerance related to materials, the usage and environment conditions of the products, installation characteristics ... , real values for a product in a concrete application may therefore change.

The usage time mentioned in this document is an average duration chosen for the need of the calculations. This value cannot be assimilated to the minimum, average or real life time.

The responsibility of the company, issuing this document, can never be engaged if differences would be noticed between the values given by this document and real ones, whatever the causes and/or consequences would be.

Appendix

Stage	Product	Acidification (PEF-AP) - [mole H+ eq.]	Climate change - Total (PEF-GWP) - [kg CO2 eq.]	Climate change-Biogenic (PEF-GWPb) - [kg CO2 eq.]	Climate change-Fossil (PEF-GWPf) - [kg CO2 eq.]	Climate change-Land use and land use change (PEF-GWPlu) - [kg CO2 eq.]	Components for re-use - [kg]	Ecotoxicity, freshwater (PEF-CTUe) - [CTUe]	Eutrophication, freshwater (PEF-Epf) - [kg P eq.]	Eutrophication, marine (PEF-Epm) - [kg N eq.]	Eutrophication, terrestrial (PEF-Ept) - [mole of N eq.]	Exported energy - [MJ]	Hazardous waste disposed - [kg]	Human toxicity, cancer (PEF-CTUh-c) - [CTUh]	Human toxicity, non-cancer (PEF-CTUh-nc) - [CTUh]	Ionising radiation, human health (PEF-IR) - [kg Bq U235 eq.]	Land use (PEF-LU)	Materials for energy recovery - [kg]	Materials for recycling - [kg]	Net use of fresh water - [m3]	Non hazardous waste disposed - [kg]	Non renewable primary energy used as energy - [MJ]	Non renewable primary energy used as raw material - [MJ]	Ozone depletion (PEF-ODP) - [kg CFC-11 eq.]	EF-particulate Matter (PEF-PM) - [Incidence of diseases]	Photochemical ozone formation - human health (PEF-POCP) - [kg of NMVOC eq.]	Radioactive waste disposed - [kg]	Renewable primary energy used as energy - [MJ]	Renewable primary energy used as raw material - [MJ]	Resource use, fossils (PEF-ADPf) - [MJ]	Resource use, minerals and metals (PEF-ADPe) - [kg Sb eq]	Total non renewable primary energy - [MJ]	Total primary energy - [MJ]	Total renewable primary energy - [MJ]	Use of non renewable secondary fuels - [MJ]	Use of renewable secondary fuels - [MJ]	Use of secondary material - [kg]	Water use (PEF-WU) - [m3 eq.]
Manufacturing A1-A3	GS20009016	2.75E-02	1.93E+00	2.00E-02	1.91E+00	4.36E-05	0.00E+00	2.43E+03	5.92E-04	1.61E-03	1.82E-02	1.85E-03	1.47E+01	5.04E-07	3.62E-07	3.30E+01	1.81E+00	2.51E-03	9.14E-02	4.06E-02	4.31E-01	2.95E+01	4.54E+00	1.38E-07	1.69E-07	6.31E-03	1.15E-04	2.23E+00	4.47E-01	3.40E+01	4.12E-04	3.40E+01	3.67E+01	2.68E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
	194802	1.52E-02	2.58E+00	-2.70E-02	2.42E+00	3.81E-05	0.00E+00	4.54E+02	6.17E-05	1.69E-03	1.85E-02	3.25E-03	3.52E+00	2.42E-07	9.94E-08	9.93E+00	6.34E-01	4.30E-03	2.52E-02	5.32E-02	9.81E-01	4.38E+01	7.99E+00	5.63E-07	1.00E-07	6.82E-03	5.69E-04	2.14E+00	7.54E-01	5.51E+01	1.11E-04	5.51E+01	5.96E+01	3.60E+00	0.00E+00	0.00E+00	3.90E-10	2.22E+00
	194818	1.49E-02	2.60E+00	1.54E-02	2.44E+00	3.74E-05	0.00E+00	3.36E+02	6.06E-05	1.69E-03	1.86E-02	3.24E-03	3.54E+00	2.19E-07	1.02E-07	9.86E+00	6.21E-01	4.30E-03	1.96E-02	3.82E-02	9.71E-01	4.35E+01	8.02E+00	5.63E-07	1.01E-07	6.85E-03	5.71E-04	2.45E+00	2.60E-01	5.45E+01	5.11E-05	5.49E+01	5.99E+01	3.74E+00	0.00E+00	0.00E+00	3.90E-10	1.51E+00
	194819	1.49E-02	2.58E+00	-2.75E-02	2.45E+00	6.28E-05	0.00E+00	5.10E+02	6.90E-05	1.70E-03	1.85E-02	3.53E-03	3.93E+00	2.50E-07	1.06E-07	1.07E+01	7.40E-01	5.12E-03	1.89E-02	3.74E-02	1.01E+00	4.35E+01	1.05E+01	6.72E-07	9.93E-08	6.62E-03	5.78E-04	2.11E+00	7.52E-01	5.69E+01	8.46E-05	5.78E+01	6.14E+01	3.76E+00	0.00E+00	0.00E+00	3.90E-10	1.44E+00
	194830	1.47E-02	2.56E+00	-3.68E-02	2.41E+00	3.77E-05	0.00E+00	3.33E+02	6.11E-05	1.67E-03	1.79E-02	3.25E-03	3.64E+00	2.95E-07	1.03E-07	9.60E+00	6.29E-01	4.31E-03	1.95E-02	3.91E-02	9.88E-01	4.31E+01	7.96E+00	5.64E-07	1.00E-07	6.40E-03	5.69E-04	2.01E+00	1.20E+00	5.39E+01	8.08E-05	5.41E+01	5.85E+01	3.62E+00	0.00E+00	0.00E+00	3.90E-10	1.45E+00
	396103	3.61E-03	3.68E-01	-3.05E-02	3.87E-01	1.38E-07	0.00E+00	2.23E+02	3.16E-05	2.93E-04	3.10E-03	3.61E-04	2.44E+00	7.49E-08	4.32E-08	1.13E+00	6.60E-02	7.47E-04	2.21E-02	2.49E-02	1.88E-01	1.62E+01	8.84E-01	3.38E-07	1.86E-08	1.19E-03	3.19E-05	3.76E-01	4.78E-01	1.64E+01	1.63E-04	1.63E+01	1.68E+01	5.81E-01	0.00E+00	0.00E+00	4.98E-03	1.29E+00
	396161	2.63E-03	2.46E-01	-1.06E-02	2.73E-01	4.80E-08	0.00E+00	1.21E+02	3.56E-05	2.35E-04	2.70E-03	3.71E-04	9.91E-01	3.12E-08	3.01E-08	8.04E-01	3.74E-02	6.58E-04	1.40E-02	2.56E-02	1.30E-01	7.22E+00	6.37E-01	3.41E-07	1.56E-08	7.29E-04	1.28E-04	2.79E-01	2.61E-01	6.44E+00	7.54E-05	6.44E+00	6.39E+00	5.46E-01	0.00E+00	0.00E+00	7.26E-04	1.42E+00
	396380	4.17E-03	4.73E-01	-1.36E-02	4.86E-01	3.68E-08	0.00E+00	4.56E+00	5.52E-05	3.52E-04	3.81E-03	6.52E-04	1.48E+00	2.24E-07	3.43E-08	3.70E+00	1.48E-01	8.82E-04	2.99E-02	3.26E-02	1.32E-01	2.09E+01	7.54E-01	6.36E-08	2.52E-08	1.48E-03	5.86E-05	2.43E-01	3.83E-01	2.17E+01	2.46E-05	2.17E+01	2.23E+01	6.26E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
	396765	4.22E-03	4.79E-01	-1.98E-02	4.98E-01	3.68E-08	0.00E+00	4.67E+00	5.53E-05	3.65E-04	3.94E-03	6.28E-04	1.48E+00	2.24E-07	3.44E-08	3.73E+00	1.48E-01	8.50E-04	3.53E-02	3.27E-02	1.35E-01	2.16E+01	7.54E-01	6.38E-08	2.55E-08	1.52E-03	6.00E-05	2.24E-01	4.60E-01	2.24E+01	2.45E-05	2.24E+01	2.31E+01	6.85E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+00
	396768	4.27E-03	4.63E-01	-1.82E-02	4.82E-01	2.36E-08	0.00E+00	3.93E+00	1.01E-06	3.63E-04	3.93E-03	0.00E+00	1.48E+00	4.10E-09	2.89E-08	2.72E-01	3.74E-03	8.02E-04	3.80E-02	3.13E-02	1.84E-01	1.60E+01	7.26E-01	6.30E-08	2.58E-08	1.46E-03	5.12E-05	3.38E-01	4.57E-01	1.67E+01	2.58E-05	1.67E+01	1.75E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+00
	396874	4.44E-03	5.02E-01	-1.44E-02	5.16E-01	3.61E-08	0.00E+00	4.46E+00	5.38E-05	3.88E-04	4.19E-03	6.16E-04	1.48E+00	2.24E-07	3.37E-08	3.69E+00	1.44E-01	8.34E-04	3.15E-02	3.27E-02	1.50E-01	2.06E+01	7.49E-01	6.30E-08	2.66E-08	1.58E-03	5.28E-05	2.22E-01	3.80E-01	2.14E+01	2.46E-05	2.14E+01	2.20E+01	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
	404049	1.67E-02	1.53E+00	1.98E-03	1.53E+00	1.44E-07	0.00E+00	2.33E+01	1.78E-04	1.34E-03	1.43E-02	1.78E-03	5.11E+00	7.60E-07	1.11E-07	1.33E+01	4.17E-01	2.41E-03	2.73E-02	4.62E-02	7.56E-01	2.73E+01	4.87E+00	5.37E-07	1.02E-07	6.04E-03	4.16E-04	8.46E-01	1.25E+00	3.21E+01	7.41E-05	3.21E+01	3.42E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
	41091404	8.10E-03	1.10E+00	-1.92E-02	1.12E+00	8.32E-06	0.00E+00	8.48E+01	3.54E-05	7.79E-04	8.69E-03	8.45E-04	2.34E+00	1.53E-07	5.22E-08	3.51E+00	1.75E-01	1.27E-03	3.00E-02	4.13E-02	4.05E-01	2.86E+01	1.83E+00	8.84E-07	4.42E-08	3.18E-03	4.21E-04	9.13E-01	5.30E-01	3.08E+01	4.69E-05	3.08E+01	3.22E+01	1.58E+00	0.00E+00	0.00E+00	1.04E-04	1.96E+00
	41091606	7.71E-03	1.01E+00	-1.95E-02	1.05E+00	9.98E-06	0.00E+00	7.51E+01	3.59E-05	7.54E-04	8.54E-03	8.42E-04	2.38E+00	1.53E-07	5.31E-08	3.56E+00	1.81E-01	1.27E-03	3.01E-02	4.10E-02	3.70E-01	2.65E+01	1.78E+00	8.58E-07	4.26E-08	2.77E-03	2.91E-04	9.02E-01	5.29E-01	2.88E+01	4.59E-05	2.88E+01	3.05E+01	1.55E+00	0.00E+00	0.00E+00	1.68E-08	1.94E+00
	41091909	5.88E-03	7.91E-01	-1.96E-02	8.43E-01	5.59E-06	0.00E+00	8.01E+01	4.55E-05	5.78E-04	6.11E-03	9.45E-04	1.21E+00	1.56E-07	4.17E-08	3.35E+00	1.40E-01	1.28E-03	3.12E-02	4.80E-02	3.24E-01	2.68E+01	1.80E+00	8.52E-07	3.42E-08	2.18E-03	3.33E-04	6.01E-01	5.31E-01	2.88E+01	2.37E-05	2.88E+01	3.02E+01	1.21E+00	0.00E+00	0.00E+00	1.68E-08	2.03E+00
	41092045	4.59E-03	6.52E-01	-1.51E-02	7.02E-01	2.98E-05	0.00E+00	5.91E+01	1.98E-05	5.00E-04	5.64E-03	2.96E-04	1.06E+00	8.96E-08	2.67E-08	2.01E+00	1.23E-01	1.21E-03	3.46E-02	4.66E-02	2.31E-01	2.27E+01	1.60E+00	7.67E-07	2.94E-08	1.82E-03	1.06E-04	7.04E-01	5.14E-01	2.46E+01	2.75E-04	2.47E+01	2.55E+01	1.29E+00	0.00E+00	0.00E+00	3.98E-03	2.01E+00
	41092089	4.46E-03	6.34E-01	-1.58E-02	6.81E-01	1.31E-05	0.00E+00	5.77E+01	1.75E-05	4.93E-04	5.46E-03	2.70E-04	1.07E+00	8.89E-08	2.61E-08	1.98E+00	1.18E-01	1.21E-03	3.50E-02	4.66E-02	2.51E-01	2.19E+01	1.65E+00	7.86E-07	2.88E-08	1.78E-03	9.21E-05	7.10E-01	5.11E-01	2.41E+01	1.90E-05	2.42E+01	2.50E+01	1.30E+00	0.00E+00	0.00E+00	3.77E-03	2.01E+00
	41096084	6.59E-03	9.21E-01	-2.56E-02	9.42E-01	7.81E-06	0.00E+00	7.19E+01	4.79E-05	6.28E-04	7.31E-03	9.75E-04	2.00E+00	1.56E-07	5.05E-08	3.45E+00	1.51E-01	1.34E-03	3.12E-02	4.77E-02	3.30E-01	2.89E+01	1.99E+00	8.98E-07	3.83E-08	2.89E-03	2.25E-04	8.66E-01	6.15E-01	3.10E+01	5.03E-05	3.10E+01	3.24E+01	1.47E+00	0.00E+00	0.00E+00	1.68E-08	2.02E+00
	41096086	7.05E-03	1.08E+00	-1.98E-02	1.12E+00	8.91E-06	0.00E+00	7.49E+01	4.89E-05	7.27E-04	7.95E-03	9.46E-04	1.99E+00	1.57E-07	4.93E-08	3.49E+00	1.55E-01	1.28E-03	3.02E-02	4.76E-02	3.79E-01	3.01E+01	1.78E+00	8.66E-07	4.16E-08	2.89E-03	2.74E-04	9.08E-01	5.29E-01	3.20E+01	4.32E-05	3.18E+01	3.34E+01	1.54E+00	0.00E+00	0.00E+00	1.68E-08	2.01E+00
	41096089	7.25E-03	1.04E+00	-1.95E-02	1.07E+00	6.01E-06	0.00E+00	7.38E+01	4.63E-05	7.42E-04	8.37E-03	9.45E-04	2.01E+00	1.65E-07	4.91E-08	3.52E+00	1.40E-01	1.28E-03	3.03E-02	4.84E-02	4.04E-01	2.67E+01	1.81E+00	8.57E-07	4.16E-08	2.79E-03	3.82E-04	9.07E-01	5.30E-01	2.88E+01	4.38E-05	2.88E+01	3.06E+01	1.57E+00	0.00E+00	0.00E+00	1.68E-08	2.02E+00
	41097003	1.01E-02	1.35E+00	-1.84E-01	1.31E+00	6.48E-06	0.00E+00	3.56E+03	5.44E-05	1.00E-03	1.14E-02	2.14E-03	3.16E+00	2.34E-07	7.00E-08	6.62E+00	1.83E-01	2.86E-03	3.83E-02	6.60E-02	4.31E-01	2.96E+01	3.94E+00	9.24E-07	8.07E-08	3.86E-03	3.80E-04	8.93E-01	2.09E+00	3.86E+01	6.36E-05	3.83E+01	3.96E+01	2.10E+00	0.00E+00	0.00E+00	1.68E-08	3.09E+00
	41097006	6.59E-03	9.14E-01	-1.95E-02	9.43E-01	5.84E-06	0.00E+00	8.06E+01	4.72E-05	6.29E-04	7.00E-03	9.45E-04	1.83E+00	1.57E-07	4.62E-08	3.41E+00	1.47E-01	1.28E-03	3.10E-02	4.82E-02	3.54E-01	2.88E+01	1.82E+00	8.69E-07	3.71E-08	2.82E-03	3.36E-04	7.68E-01	5.30E-01	3.05E+01	2.80E-05	3.06E+01	3.19E+01	1.40E+00	0.00E+00	0.00E+00	1.68E-08	2.03E+00
	41097009	6.09E-03	7.93E-01	-1.95E-02	8.56E-01	5.69E-06	0.00E+00	8.01E+01	4.71E-05	6.01E-04	6.48E-03	9.45E-04	1.80E+00	1.57E-07	4.45E-08	3.42E+00	1.40E-01	1.28E-03	3.13E-02	4.82E-02	3.55E-01	2.67E+01	1.81E+00	8.52E-07	3.59E-08	2.27E-03	3.36E-04	7.65E-01	5.30E-01	2.87E+01	2.80E-05	2.87E+01	3.03E+01	1.39E+00	0.00E+00	0.00E+00	1.68E-08	2.03E+00
	41098982	7.74E-03	1.04E+00	-1.94E-02	1.07E+00	5.37E-06	0.00E+00	8.43E+01	4.60E-05	7.67E-04	8.42E-03	8.48E-04	2.47E+00	1.47E-07	5.29E-08	3.63E+00	1.44E-01	1.28E-03	3.01E-02	4.17E-02	4.07E-01	2.66E+01	1.81E+00	8.69E-07	4.52E-08	2.82E-03	4.28E-04	9.10E-01	5.30E-01	2.89E+01	4.67E-05	2.90E+01	3.06E+01	1.57E+00	0.00E+00	0.00E+00	1.68E-08	1.97E+00
	41098989	8.83E-03	1.40E+00	-2.24E-02	1.43E+00	6.49E-06	0.00E+00	1.74E+02	4.89E-05	9.19E-04	1.03E-02	1.04E-03	3.13E+00	1.51E-07	5.47E-08	3.61E+00	1.48E-01	1.40E-03	2.69E-02	5.17E-02	6.45E-01	3.53E+01	2.39E+00	9.86E-07	4.80E-08	3.36E-03	1.81E-03	1.51E+00	6.52E-01	3.76E+01	6.99E-05	3.76E+01	3.98E+01	2.17E+00	0.00E+00	0.00E+00	2.05E-07	2.22E+00
	41101909	7.22E-03	9.49E-01	-2.03E-02	9.72E-01	8.24E-06	0.00E+00	4.82E+01	3.76E-05	7.30E-04	8.02E-03	8.42E-04	2.07E+00	1.62E-07	4.50E-08	3.55E+00	2.03E-01	1.27E-03	3.02E-02	4.04E-02	3.09E-01	2.54E+01	1.72E+00	8.29E-07	4.24E-08	2.59E-03	1.70E-04	8.69E-01	5.27E-01	2.75E+01	3.39E-05	2.75E+01	2.91E+01	1.55E+00	0.00E+00	0.00E+00	2.23E-07	2.04E+00
	41101913	6.98E-03	9.49E-01	-1.57E-02	9.77E-01	8.26E-06	0.00E+00	4.79E+01	3.78E-05	7.32E-04	8.24E-03	8.21E-04	1.96E+00	1.62E-07	4.33E-08	3.52E+00	1.99E-01	1.22E-03	3.01E-02	3.88E-02	2.93E-01	2.44E+01	1.67E+00	8.23E-07	3.66E-08	2.62E-03	1.82E-04	5.50E-01	4.00E-01	2.64E+01	3.28E-05	2.64E+01	2.79E+01	1.10E+00	0.00E+00	0.00E+00	3.00E-07	1.99E+00
	41101914	7.31E-03	9.26E-01	-2.05E-02	9.58E-01	8.94E-06	0.00E+00	4.80E+01	3.83E-05	7.29E-04	8.15E-03	8.39E-04	2.01E+00	1.63E-07	4.59E-08	3.61E+00	2.05E-01	1.27E-03	3.01E-02	4.04E-02	2.94E-01	2.56E+01	1.70E+00	8.31E-07	4.27E-08	2.57E-03	1.70E-04	8.68E-01	5.27E-01	2.78E+01	3.43E-05	2.78E+01	2.95E+01	1.55E+00	0.00E+00	0.00E+00	3.00E-07	2.03E+00
	41101915	7.30E-03	9.26E-01	-2.06E-02	9.57E-01	8.96E-06	0.00E+00	4.80E+01	3.83E-05	7.29E-04	8.10E-03	8.39E-04	2.03E+00	1.62E-07	4.84E-08	3.60E+00	2.05E-01	1.27E-03	3.02E-02	4.04E-02	2.94E-01	2.56E+01	1.70E+00	8.31E-07	4.25E-08	2.57E-03	1.70E-04	8.70E-01	5.27E-01	2.77E+01	3.43E-05	2.77E+01	2.94E+01	1.54E+00	0.00E+00	0.00E+00	2.23E-07	2.02E+00
	41101924	6.45E-03	8.55E-01	-1.76E-02	8.70E-01	7.19E-06	0.00E+00	2.73E+01	3.40E-05	6.62E-04	7.25E-03	8.43E-04	2.05E+00	1.51E-07	3.95E-08	3.23E+00	1.59E-01	1.22E-03	3.05E-02	4.06E-02	3.12E-01	2.37E+01	1.47E+00	7.30E-08	3.40E-08	2.54E-03	1.39E-04	3.96E-01	4.14E-01	2.59E+01	3.09E-05	2.59E+01	2.70E+01	1.01E+00	0.00E+00	0.00E+00	3.00E-07	2.03E+00
	41102007	4.81E-03	6.90E-01	-2.11E-02	7.01E-01	9.79E-06	0.00E+00	4.51E+01	4.68E-05	4.80E-04	5.03E-03	8.81E-04	1.12E+00	1.66E-07	3.16E-08	3.51E+00	1.42E-01	1.19E-03	3.19E-02	4.79E-02	1.98E-01	2.36E+01	1.62E+00	8.14E-07	2.67E-08	1.98E-03	1.05E-04	4.35E-01	5.24E-01	2.52E+01	2.57E-05	2.52E+01	2.61E+01	9.72E-01	0.00E+00	0.00E+00	3.00E-07	2.04E+00
	41102022	4.87E-03	7.19E-01	-2.46E-02	7.35E-01	9.75E-06	0.00E+00	4.51E+01	4.67E-05	4.86E-04	5.10E-03	9.05E-04	1.15E+00	1.66E-07	3.19E-08	3.51E+00	1.42E-01	1.23E-03	3.20E-02	4.82E-02	2.01E-01	2.38E+01	1.64E+00	8.15E-07	2.72E-08	2.02E-03	1.05E-04	4.81E-01	5.38E-01	2.55E+01	2.57E-05	2.55E+01	2.65E+01	1.11E+00	0.00E+00	0.00E+00	2.23E-07	2.06E+00
	41102045	4.53E-03	6.17E-01	-1.65E-02	6.63E-01	8.28E-06	0.00E+00	5.59E+01	2.04E-05	4.97E-04	5.69E-03	2.68E-04	1.07E+00	8.80E-08	3.00E-08	1.93E+00	1.03E-01	1.28E-03	3.46E-02	4.90E-02	2.16E-01	2.28E+01	1.49E+00	8.05E-07	2.99E-08	1.81E-03	8.58E-05	6.81E-01	5.10E-01	2.46E+01	1.87E-05	2.45E+01	2.57E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
	41102089	4.34E-03	6.28E-01	-1.64E-02	6.66E-01	8.34E-06	0.00E+00	5.62E+01	1.70E-05	4.81E-04	5.42E-03	2.42E-04	1.06E+00	8.81E-08	2.97E-08	1.86E+00	7.06E-02	1.21E-03	3.51E-02	4.36E-02	2.16E-01	2.15E+01	1.36E+00	8.02E-07	2.86E-08	1.76E-03	8.49E-05	5.40E-01	5.09E-01	2.39E+01	1.86E-05	2.39E+01	2.50E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+00
	41106013	5.70E-03	7.20E-01	-2.12E-02	7.53E-01	5.07E-06	0.00E+00	4.52E+01	4.41E-05	5.74E-04	6.42E-03	9.45E-04	1.45E+00	1.63E-07	3.91E-08	3.27E+00	1.36E-01	1.28E-03	3.23E-02	5.07E-02	2.45E-01	2.58E+01	1.59E+00	8.20E-07	3.81E-08	2.25E-03	1.09E-04	6.83E-01	5.97E-01	2.79E+01	3.85E-05	2.79E+01	2.95E+01	1.35E+00	0.00E+00	0.00E+00	3.00E-07	2.17E+00
	41106014	5.70E-03	7.20E-01	-2.12E-02	7.53E-01	5.07E-06	0.00E+00	4.52E+01	4.41E-05	5.74E-04	6.42E-03	9.45E-04	1.45E+00	1.63E-07	3.91E-08	3.27E+00	1.36E-01	1.28E-03	3.23E-02	5.07E-02	2.45E-01	2.58E+01	1.59E+00	8.20E-07	3.81E-08	2.25E-03	1.09E-04	6.83E-01	5.97E-01	2.79E+01	3.85E-05	2.79E+01	2.95E+01	1.35E+00	0.00E+00	0.00E+00	3.00E-07	2.17E+00
	41106015	5.68E-03	7.21E-01	-2.15E-02	7.53E-01	5.07E-06	0.00E+00	4.52E+01	4.41E-05	5.76E-04	6.37E-03	9.46E-04	1.49E+00	1.63E-07	3.91E-08	3.26E+00	1.37E-01	1.28E-03	3.24E-02	5.07E-02	2.47E-01	2.59E+01	1.59E+00	8.23E-07	3.79E-08	2.26E-03	1.09E-04	6.82E-01	5.97E-01	2.79E+01	3.85E-05	2.79E+01	2.95E+01	1.34E+00	0.00E+00	0.00E+00	2.23E-07	2.17E+00
	41106024	5.36E-03	7.18E-01	-2.09E-02	7.38E-01	4.49E-06	0.00E+00	1.03E+01	3.57E-05	5.48E-04	6.29E-03	9.46E-04	1.66E+00	5.05E-08	3.52E-08	3.39E+00	1.08E-01	1.28E-03	3.21E-02	4.49E-02	2.73E-01	2.55E+01	1.58E+00	7.04E-08	3.95E-08	2.17E-03	1.12E-04	6.11E-01	5.29E-01	2.75E+01	3.83E-05	2.75E+01	2.92E+01	1.32E+00	0.00E+00	0.00E+00	2.41E-07	1.91E+00
	41106084	6.19E-03	8.70E-01	-2.50E-02	8.62E-01	5.26E-06	0.00E+00	4.69E+01	4.43E-05	6.12E-04	6.98E-03	9.66E-04	1.59E+00	1.63E-07	4.50E-08	3.27E+00	1.42E-01	1.32E-03	3.20E-02	5.13E-02	2.54E-01	2.80E+01	1.73E+00	8.68E-07	3.87E-08	2.85E-03	1.14E-04	6.96E-01	6.28E-01	3.04E+01	3.85E-05	3.04E+01	3.16E+01	1.38E+00	0.00E+00	0.00E+00	2.23E-07	2.20E+00
	41106086	6.25E-03	8.55E-01	-2.12E-02	8.87E-01	6.34E-06	0.00E+00	4.68E+01	4.57E-05	6.10E-04	6.75E-03	9.45E-04	1.63E+00	1.59E-07	4.11E-08	3.27E+00	1.45E-01	1.28E-03	3.19E-02	5.06E-02	2.50E-01	2.96E+01	1.60E+00	8.31E-07	4.08E-08	2.44E-03	1.09E-04	6.83E-01	5.97E-01	3.16E+01	3.89E-05	3.13E+01	3.27E+01	1.34E+00	0.00E+00	0.00E+00	2.23E-07	2.17E+00
	41106089	5.68E-03	7.21E-01	-2.12E-02	7.53E-01	5.08E-06	0.00E+00	4.52E+01	4.42E-05	5.76E-04	6.37E-03	9.45E-04	1.54E+00	1.63E-07	3.95E-08	3.26E+00	1.36E-01	1.28E-03	3.24E-02	5.07E-02	2.46E-01	2.59E+01	1.60E+00	8.20E-07	3.79E-08	2.26E-03	1.09E-04	6.83E-01	5.97E-01	2.78E+01	3.85E-05	2.79E+01	2.94E+01	1.34E+00	0.00E+00	0.00E+00	2.23E-07	2.17E+00
	41107009	5.54E-03	7.78E-01	-2.06E-02	8.05E-01	5.50E-06	0.00E+00	4.56E+01	4.59E-05	5.84E-04	6.07E-03	9.45E-04	1.45E+00	1.69E-07	3.74E-08	3.43E+00	1.42E-01	1.28E-03	3.15E-02	4.84E-02	2.45E-01	2.55E+01	1.71E+00	8.20E-07	3.57E-08	2.15E-03	1.14E-04	7.32E-01	5.29E-01	2.73E+01	2.11E-05	2.73E+01	2.88E+01	1.40E+00	0.00E+00	0.00E+00	2.23E-07	2.06E+00
	41107113	5.70E-03	7.76E-01	-2.03E-02	8.03E-01	5.67E-06	0.00E+00	4.56E+01	4.60E-05	5.86E-04	6.15E-03	9.44E-04	1.38E+00	1.70E-07	3.70E-08	3.41E+00	1.40E-01	1.28E-03	3.14E-02	4.78E-02	2.48E-01	2.56E+01	1.72E+00	8.19E-07	3.50E-08	2.16E-03	1.27E-04	7.32E-01	5.13E-01	2.74E+01	2.11E-05	2.74E+01	2.89E+01	1.39E+00	0.00E+00	0.00E+00	3.00E-07	2.05E+00
	41107114	5.81E-03	7.80E-01	-2.10E-02	8.05E-01	6.38E-06	0.00E+00	4.54E+01	4.67E-05	5.86E-04	6.25E-03	9.45E-04	1.38E+00	1.70E-07	4.59E-08	3.46E+00	1.44E-01	1.28E-03	3.14E-02	4.81E-02	2.37E-01	2.57E+01	1.69E+00	8.22E-07	3.63E-08	2.18E-03	1.08E-04	7.41E-01	5.28E-01	2.76E+01	2.12E-05	2.75E+01	2.92E+01	1.40E+00	0.00E+00	0.00E+00	3.00E-07	2.04E+00
	41107115	5.79E-03	7.81E-01	-2.10E-02	8.05E-01	6.40E-06	0.00E+00	4.54E+01	4.66E-05	5.87E-04	6.20E-03	9.45E-04	1.42E+00	1.70E-07	4.59E-08	3.45E+00	1.44E-01	1.28E-03	3.15E-02	4.81E-02	2.38E-01	2.58E+01	1.69E+00	8.22E-07	3.61E-08	2.18E-03	1.08E-04	7.42E-01	5.27E-01	2.75E+01	2.12E-05	2.75E+01	2.91E+01	1.39E+00	0.00E+00	0.00E+00	2.23E-07	2.04E+00
	41108913	6.60E-03	9.38E-01	-2.42E-02	9.62E-01	5.29E-06	0.00E+00	4.16E+01	4.07E-05	6.91E-04	7.87E-03	1.03E-03	1.21E+00	1.79E-07	3.14E-08	3.44E+00	1.29E-01	1.40E-03	2.61E-02	5.23E-02	2.88E-01	2.74E+01	1.84E+00	8.88E-07	3.94E-08	2.71E-03	1.48E-04	1.16E+00	6.87E-01	2.92E+01	2.46E-05	2.92E+01	3.11E+01	1.84E+00	0.00E+00	0.00E+00	5.88E-07	2.25E+00
	41108914	6.29E-03	9.10E-01	-2.12E-02	9.42E-01	5.38E-06	0.00E+00	4.80E+01	4.57E-05	6.71E-04	7.35E-03	9.45E-04	1.45E+00	1.76E-07	3.94E-08	3.49E+00	1.34E-01	1.28E-03	3.00E-02	5.08E-02	2.82E-01	2.62E+01	1.65E+00	8.51E-07	3.97E-08	2.60E-03	1.33E-04	8.62E-01	5.97E-01	2.81E+01	2.98E-05	2.82E+01	2.97E+01	1.54E+00	0.00E+00	0.00E+00	3.00E-07	2.21E+00
	41108915	6.43E-03	9.13E-01	-1.73E-01	9.57E-01	5.72E-06	0.00E+00	3.36E+03	4.91E-05	6.68E-04	7.37E-03	8.34E-04	1.64E+00	1.92E-07	4.81E-08	3.74E+00	1.62E-01	1.30E-03	3.23E-02	5.40E-02	2.81E-01	2.74E+01	1.64E+00	8.62E-07	4.08E-08	2.62E-03	1.62E-04	9.59E-01	1.97E+00	2.99E+01	6.23E-05	2.99E+01	3.16E+01	1.74E+00	0.00E+00	0.00E+00	2.23E-07	2.40E+00
	41108924	7.32E-03	9.13E-01	-2.49E-02	9.57E-01	7.90E-06	0.00E+00	4.92E+01	3.73E-05	7.29E-04	8.40E-03	8.69E-04	1.99E+00	1.62E-07	4.38E-08	3.67E+00	1.94E-01	1.32E-03	3.00E-02	4.29E-02	2.84E-01	2.59E+01	1.70E+00	8.78E-07	4.34E-08	2.65E-03	1.55E-04	8.57E-01	6.56E-01	2.87E+01	3.32E-05	2.87E+01	3.04E+01	1.57E+00	0.00E+00	0.00E+00	2.41E-07	2.15E+00
	41108989	6.30E-03	9.12E-01	-2.12E-02	9.42E-01	5.49E-06	0.00E+00	4.80E+01	4.54E-05	6.72E-04	7.32E-03	9.45E-04	1.63E+00	1.72E-07	4.29E-08	3.49E+00	1.38E-01	1.28E-03	3.01E-02	5.10E-02	2.82E-01	2.62E+01	1.65E+00	8.51E-07	4.09E-08	2.62E-03	1.33E-04	8.61E-01	5.97E-01	2.82E+01	2.95E-05	2.81E+01	2.97E+01	1.53E+00	0.00E+00	0.00E+00	2.23E-07	2.20E+00
	41157003	4.77E-03	6.71E-01	-1.91E-02	6.87E-01	2.42E-05	0.00E+00	6.59E+00	4.45E-05	4.88E-04	5.15E-03	9.01E-04	1.49E+00	1.53E-07	3.43E-08	2.78E+00	1.85E-01	1.22E-03	2.91E-02	4.76E-02	3.56E-01	2.31E+01	1.54E+00	7.19E-08	2.85E-08	2.00E-03	1.23E-04	3.23E-01	5.19E-01	2.51E+01	1.97E-05	2.51E+01	2.58E+01	8.30E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
	41157004	7.32E-03	1.23E+00	-1.92E-02	1.21E+00	2.41E-05	0.00E+00	6.50E+00	4.47E-05	8.44E-04	9.38E-03	9.69E-04	1.47E+00	1.52E-07	3.45E-08	2.78E+00	1.86E-01	1.31E-03	5.17E-02	5.01E-02	4.64E-01	3.09E+01	1.57E+00	7.19E-08	4.28E-08	2.98E-03	1.26E-04	4.93E-01	5.25E-01	3.22E+01	2.00E-05	3.22E+01	3.33E+01	1.07E+00	0.00E+00	0.00E+00	1.05E-02	2.10E+00
	41157006	3.89E-03	5.53E-01	-2.12E-02	5.74E-01	5.19E-06	0.00E+00	5.59E+00	4.47E-05	4.15E-04	4.43E-03	8.24E-04	1.01E+00	1.53E-07	2.53E-08	3.89E+00	1.39E-01	1.12E-03	2.86E-02	4.62E-02	1.57E-01	2.24E+01	1.52E+00	6.46E-08	2.31E-08	1.73E-03	7.95E-05	2.36E-01	5.05E-01	2.39E+01	1.77E-05	2.39E+01	2.47E+01	7.41E-01	0.00E+00	0.00E+00	0.00E+00	1.98E+00
	41157009	3.67E-03	5.20E-01	-2.11E-02	5.41E-01	5.19E-06	0.00E+00	5.23E+00	4.47E-05	3.94E-04	4.20E-03	8.24E-04	1.00E+00	1.53E-07	2.52E-08	3.88E+00	1.39E-01	1.12E-03	2.86E-02	4.61E-02	1.55E-01	2.16E+01	1.51E+00	5.98E-08	2.19E-08	1.55E-03	7.59E-05	2.36E-01	5.04E-01	2.32E+01	1.77E-05	2.32E+01	2.39E+01	7.40E-01	0.00E+00	0.00E+00	0.00E+00	1.98E+00
	41231404	4.21E-03	6.24E-01	-2.17E-02	6.55E-01	4.67E-06	0.00E+00	4.38E+01	4.37E-05	4.39E-04	4.84E-03	8.49E-04	1.04E+00	1.56E-07	2.86E-08	2.81E+00	1.25E-01	1.15E-03	2.84E-02	4.62E-02	1.64E-01	2.24E+01	1.39E+00	7.99E-07	2.39E-08	1.73E-03	8.89E-05	2.99E-01	5.14E-01	2.39E+01	1.77E-05	2.39E+01	2.47E+01	7.99E-01	0.00E+00	0.00E+00	3.90E-10	2.00E+00
	41231606	4.83E-03	6.38E-01	-3.09E-02	6.74E-01	5.33E-06	0.00E+00	4.68E+01	4.31E-05	4.69E-04	4.99E-03	8.68E-04	1.06E+00	1.54E-07	4.48E-08	3.11E+00	1.34E-01	1.18E-03	2.84E-02	4.71E-02	1.51E-01	2.41E+01	1.35E+00	8.02E-07	2.52E-08	1.95E-03	9.98E-05	4.60E-01	5.95E-01	2.53E+01	3.25E-05	2.53E+01	2.66E+01	1.17E+00	0.00E+00	0.00E+00	3.90E-10	2.03E+00
	41231909	4.71E-03	6.83E-01	-2.09E-02	7.35E-01	4.68E-06	0.00E+00	4.43E+01	4.34E-05	5.11E-04	5.68E-03	9.23E-04	1.04E+00	1.56E-07	2.98E-08	2.79E+00	1.28E-01	1.25E-03	2.82E-02	4.81E-02	1.78E-01	2.41E+01	1.41E+00	8.04E-07	2.73E-08	1.98E-03	9.73E-05	3.54E-01	5.10E-01	2.61E+01	1.79E-05	2.62E+01	2.72E+01	8.98E-01	0.00E+00	0.00E+00	3.90E-10	2.07E+00
	41232045	4.31E-03	6.28E-01	-2.18E-02	6.55E-01	9.24E-06	0.00E+00	3.94E+01	4.84E-05	4.37E-04	4.78E-03	8.49E-04	1.09E+00	1.54E-07	2.90E-08	3.57E+00	1.96E-01	1.15E-03	2.86E-02	5.15E-02	1.66E-01	2.27E+01	1.35E+00	8.01E-07	2.47E-08	1.75E-03	8.30E-05	2.82E-01	5.15E-01	2.41E+01	2.44E-05	2.41E+01	2.50E+01	7.73E-01	0.00E+00	0.00E+00	3.90E-10	2.21E+00
	41232089	4.27E-03	6.27E-01	-2.17E-02	6.55E-01	9.09E-06	0.00E+00	3.91E+01	4.35E-05	4.38E-04	4.84E-03	8.48E-04	1.09E+00	1.54E-07	2.86E-08	3.52E+00	1.29E-01	1.15E-03	2.86E-02	4.84E-02	1.72E-01	2.25E+01	1.38E+00	8.00E-07	2.41E-08	1.74E-03	8.37E-05	2.85E-01	5.14E-01	2.39E+01	2.43E-05	2.39E+01	2.48E+01	7.85E-01	0.00E+00	0.00E+00	3.90E-10	2.06E+00
	41236084	6.23E-03	8.56E-01	-3.10E-02	8.61E-01	3.67E-07	0.00E+00	5.08E+01	4.38E-05	5.76E-04	6.78E-03	9.31E-04	1.68E+00	1.59E-07	4.49E-08	3.85E+00	1.36E-01	1.28E-03	3.09E-02	5.07E-02	2.22E-01	2.84E+01	1.48E+00	8.81E-07	3.56E-08	2.83E-03	1.23E-04	6.61E-01	6.84E-01	3.04E+01	5.36E-05	3.03E+01	3.12E+01	1.47E+00	0.00E+00	0.00E+00	3.90E-10	2.19E+00
	41236086	5.33E-03	6.95E-01	-3.19E-02	7.52E-01	8.45E-08	0.00E+00	4.50E+01	4.35E-05	5.22E-04	5.88E-03	9.30E-04	1.06E+00	1.56E-07	2.99E-08	3.87E+00	1.29E-01	1.26E-03	2.97E-02	5.06E-02	1.98E-01	2.59E+01	1.37E+00	8.69E-07	3.17E-08	2.18E-03	1.13E-04	5.25E-01	6.73E-01	2.77E+01	4.14E-05	2.77E+01	2.88E+01	1.38E+00	0.00E+00	0.00E+00	3.90E-10	2.22E+00
	41236089	4.42E-03	6.41E-01	-2.15E-02	6.62E-01	2.70E-08	0.00E+00	4.10E+01	4.50E-05	4.62E-04	4.87E-03	8.81E-04	1.05E+00	1.59E-07	2.78E-08	3.89E+00	1.25E-01	1.19E-03	2.86E-02	5.03E-02	1.94E-01	2.31E+01	1.43E+00	8.59E-07	2.62E-08	1.93E-03	1.04E-04	1.92E-01	6.02E-01	2.45E+01	1.82E-05	2.45E+01	2.53E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+00
	41238982	6.74E-03	8.79E-01	-3.03E-02	9.28E-01	1.64E-07	0.00E+00	4.89E+01	4.38E-05	7.01E-04	8.05E-03	8.54E-04	2.16E+00	1.46E-07	4.82E-08	4.18E+00	1.35E-01	1.25E-03	2.93E-02	4.33E-02	2.44E-01	2.58E+01	1.38E+00	8.74E-07	3.74E-08	2.63E-03	2.07E-04	7.44E-01	6.76E-01	2.79E+01	6.63E-05	2.79E+01	2.93E+01	1.59E+00	0.00E+00	0.00E+00	3.90E-10	2.15E+00

41238989	4.40E-03	6.36E-01	-2.24E-02	6.58E-01	2.70E-08	0.00E+00	4.08E+01	4.50E-05	4.60E-04	4.89E-03	8.73E-04	1.05E+00	1.59E-07	2.78E-08	3.89E+00	1.25E-01	1.18E-03	2.86E-02	4.99E-02	1.88E-01	2.31E+01	1.38E+00	8.53E-07	2.62E-08	1.91E-03	1.00E-04	2.42E-01	5.93E-01	2.44E+01	1.82E-05	2.44E+01	2.53E+01	8.35E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+00
41241404	5.79E-03	9.99E-01	-2.68E-02	1.04E+00	2.45E-05	0.00E+00	2.30E+01	4.22E-05	5.96E-04	6.66E-03	9.44E-04	1.01E+00	1.51E-07	4.01E-08	2.62E+00	1.87E-01	1.28E-03	2.97E-02	4.70E-02	2.39E-01	2.91E+01	1.90E+00	1.38E-07	3.31E-08	3.84E-03	1.05E-04	6.50E-01	6.00E-01	3.08E+01	5.96E-05	3.10E+01	3.18E+01	1.28E+00	0.00E+00	0.00E+00	3.90E-10	2.03E+00
41241606	5.65E-03	7.54E-01	-1.90E-02	7.64E-01	2.51E-05	0.00E+00	2.76E+01	3.47E-05	5.93E-04	5.86E-03	7.83E-04	1.86E+00	1.48E-07	4.19E-08	3.01E+00	2.20E-01	1.16E-03	2.92E-02	4.09E-02	2.89E-01	2.32E+01	1.85E+00	1.50E-07	3.00E-08	2.33E-03	1.31E-04	3.66E-01	5.14E-01	2.54E+01	2.73E-05	2.54E+01	2.62E+01	8.62E-01	0.00E+00	0.00E+00	3.90E-10	1.92E+00
41241909	5.60E-03	7.57E-01	-1.86E-02	7.70E-01	2.54E-05	0.00E+00	2.80E+01	3.43E-05	5.96E-04	5.84E-03	7.86E-04	1.84E+00	1.47E-07	3.91E-08	2.97E+00	2.20E-01	1.16E-03	2.92E-02	4.08E-02	3.04E-01	2.31E+01	1.88E+00	1.50E-07	2.99E-08	2.35E-03	1.47E-04	3.56E-01	5.14E-01	2.55E+01	2.72E-05	2.55E+01	2.63E+01	8.66E-01	0.00E+00	0.00E+00	3.90E-10	1.92E+00
41248982	5.16E-03	7.59E-01	-1.88E-02	7.65E-01	2.49E-05	0.00E+00	2.25E+01	4.39E-05	5.55E-04	5.63E-03	8.74E-04	1.59E+00	1.54E-07	3.78E-08	2.76E+00	1.85E-01	1.18E-03	2.88E-02	4.74E-02	2.99E-01	2.32E+01	1.88E+00	1.38E-07	2.96E-08	2.33E-03	1.30E-04	3.58E-01	5.14E-01	2.56E+01	2.56E-05	2.55E+01	2.63E+01	8.69E-01	0.00E+00	0.00E+00	3.90E-10	1.99E+00
41248989	5.16E-03	7.59E-01	-1.88E-02	7.65E-01	2.49E-05	0.00E+00	2.25E+01	4.39E-05	5.55E-04	5.63E-03	8.74E-04	1.59E+00	1.54E-07	3.78E-08	2.76E+00	1.85E-01	1.18E-03	2.88E-02	4.74E-02	2.99E-01	2.32E+01	1.88E+00	1.38E-07	2.96E-08	2.33E-03	1.30E-04	3.58E-01	5.14E-01	2.56E+01	2.56E-05	2.55E+01	2.63E+01	8.69E-01	0.00E+00	0.00E+00	3.90E-10	1.99E+00
41357003	5.31E-03	7.10E-01	-2.01E-02	7.46E-01	2.39E-05	0.00E+00	4.04E+01	4.49E-05	5.38E-04	5.98E-03	9.45E-04	1.45E+00	1.58E-07	3.73E-08	2.82E+00	1.87E-01	1.28E-03	2.91E-02	4.75E-02	2.69E-01	2.44E+01	1.63E+00	8.08E-07	3.36E-08	2.10E-03	9.64E-05	5.35E-01	5.23E-01	2.62E+01	1.96E-05	2.63E+01	2.75E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	2.02E+00
41357004	7.33E-03	1.25E+00	-2.00E-02	1.24E+00	2.39E-05	0.00E+00	4.06E+01	4.51E-05	8.47E-04	9.29E-03	9.82E-04	1.42E+00	1.58E-07	3.74E-08	2.84E+00	1.88E-01	1.33E-03	5.17E-02	4.97E-02	4.41E-01	3.07E+01	1.71E+00	8.39E-07	4.13E-08	2.96E-03	1.04E-04	5.51E-01	5.24E-01	3.20E+01	1.98E-05	3.20E+01	3.30E+01	1.09E+00	0.00E+00	0.00E+00	9.91E-03	2.09E+00
41357006	4.44E-03	6.50E-01	-2.68E-02	6.80E-01	4.74E-06	0.00E+00	3.95E+01	4.44E-05	4.81E-04	5.20E-03	8.92E-04	1.42E+00	1.57E-07	3.75E-08	3.55E+00	1.35E-01	1.21E-03	2.84E-02	4.76E-02	1.93E-01	2.29E+01	1.47E+00	7.99E-07	2.58E-08	1.96E-03	1.14E-04	3.45E-01	5.24E-01	2.44E+01	1.94E-05	2.44E+01	2.55E+01	9.46E-01	0.00E+00	0.00E+00	3.90E-10	2.04E+00
41357009	4.33E-03	6.34E-01	-2.14E-02	6.64E-01	4.76E-06	0.00E+00	3.91E+01	4.43E-05	4.65E-04	4.91E-03	8.74E-04	1.32E+00	1.57E-07	3.66E-08	3.45E+00	1.25E-01	1.18E-03	2.85E-02	4.73E-02	1.84E-01	2.25E+01	1.47E+00	7.99E-07	2.44E-08	1.86E-03	1.13E-04	2.96E-01	5.15E-01	2.39E+01	1.94E-05	2.39E+01	2.47E+01	8.10E-01	0.00E+00	0.00E+00	3.90E-10	2.03E+00
41392045	8.10E-03	9.17E-01	-3.58E-02	9.65E-01	4.53E-06	0.00E+00	2.78E+02	5.39E-05	7.39E-04	8.08E-03	8.90E-04	2.02E+00	2.18E-07	4.70E-08	4.06E+00	1.65E-01	1.45E-03	1.68E-02	9.54E-03	3.14E-01	1.41E+01	2.56E+00	4.23E-08	4.92E-08	2.83E-03	1.36E-04	7.52E-01	1.20E+00	1.65E+01	8.92E-05	1.65E+01	1.82E+01	1.59E+00	0.00E+00	0.00E+00	3.90E-10	4.40E-01
41392089	4.78E-03	5.06E-01	-3.77E-03	5.11E-01	4.82E-06	0.00E+00	2.47E+02	5.34E-05	4.10E-04	4.57E-03	5.69E-04	1.82E+00	1.60E-07	4.28E-08	3.69E+00	1.38E-01	7.59E-04	1.40E-02	8.46E-03	1.97E-01	9.02E+00	1.40E+00	3.60E-08	3.27E-08	1.67E-03	8.02E-05	4.91E-01	2.51E-01	1.08E+01	7.36E-05	1.08E+01	1.17E+01	9.18E-01	0.00E+00	0.00E+00	3.90E-10	3.70E-01
41401606	1.03E-02	1.10E+00	-3.50E-02	1.17E+00	3.89E-05	0.00E+00	3.01E+02	6.12E-05	8.33E-04	8.94E-03	1.13E-03	3.28E+00	2.33E-07	7.05E-08	4.12E+00	3.37E-01	1.78E-03	2.52E-02	1.47E-02	4.32E-01	2.98E+01	2.87E+00	7.28E-08	6.82E-08	3.18E-03	2.02E-04	8.63E-01	1.22E+00	3.00E+01	2.23E-04	2.99E+01	3.12E+01	1.70E+00	0.00E+00	0.00E+00	1.10E-03	8.15E-01
41401909	6.88E-03	6.10E-01	-6.37E-03	6.17E-01	3.77E-05	0.00E+00	2.59E+02	5.82E-05	4.90E-04	5.69E-03	6.29E-04	2.62E+00	1.90E-07	6.42E-08	3.60E+00	3.28E-01	9.04E-04	2.10E-02	1.41E-02	2.45E-01	1.35E+01	1.37E+00	5.04E-08	3.78E-08	2.12E-03	8.57E-05	5.54E-01	3.72E-01	1.42E+01	1.70E-04	1.42E+01	1.54E+01	9.66E-01	0.00E+00	0.00E+00	9.80E-04	6.22E-01
41406086	6.84E-03	6.24E-01	-5.40E-03	6.20E-01	3.52E-05	0.00E+00	2.48E+02	6.28E-05	4.41E-04	5.45E-03	7.11E-04	2.56E+00	1.98E-07	6.57E-08	3.41E+00	3.13E-01	9.57E-04	1.69E-02	1.28E-02	2.35E-01	1.38E+01	1.38E+00	5.07E-08	3.79E-08	2.00E-03	8.51E-05	5.58E-01	3.68E-01	1.47E+01	1.72E-04	1.46E+01	1.59E+01	9.58E-01	0.00E+00	0.00E+00	9.80E-04	5.94E-01
41406089	6.82E-03	6.21E-01	-1.01E-02	6.17E-01	3.46E-05	0.00E+00	2.53E+02	6.33E-05	4.41E-04	5.45E-03	7.06E-04	2.56E+00	1.96E-07	6.51E-08	3.34E+00	3.14E-01	9.52E-04	1.69E-02	1.27E-02	2.29E-01	1.38E+01	1.38E+00	4.93E-08	3.75E-08	1.99E-03	8.47E-05	5.58E-01	3.98E-01	1.47E+01	1.72E-04	1.46E+01	1.63E+01	9.64E-01	0.00E+00	0.00E+00	1.04E-03	6.01E-01
41407006	6.86E-03	6.18E-01	-8.53E-03	6.14E-01	3.44E-05	0.00E+00	2.34E+02	6.35E-05	4.45E-04	5.48E-03	7.14E-04	2.51E+00	1.99E-07	6.49E-08	3.37E+00	3.16E-01	9.61E-04	1.69E-02	1.10E-02	2.36E-01	1.42E+01	1.38E+00	4.86E-08	3.76E-08	2.02E-03	8.54E-05	5.75E-01	3.90E-01	1.49E+01	1.73E-04	1.48E+01	1.61E+01	9.67E-01	0.00E+00	0.00E+00	9.80E-04	5.85E-01
41407009	8.70E-03	1.05E+00	-1.70E-01	1.09E+00	3.60E-05	0.00E+00	3.30E+03	6.76E-05	7.86E-04	8.43E-03	1.32E-03	2.85E+00	2.27E-07	6.43E-08	3.74E+00	3.27E-01	1.81E-03	1.98E-02	1.56E-02	3.90E-01	2.10E+01	2.85E+00	6.43E-08	6.18E-08	3.10E-03	1.43E-04	7.91E-01	1.99E+00	2.55E+01	2.15E-04	2.55E+01	2.69E+01	1.65E+00	0.00E+00	0.00E+00	1.27E-03	8.91E-01
41408982	6.84E-03	5.97E-01	-7.74E-03	6.00E-01	3.46E-05	0.00E+00	2.53E+02	6.32E-05	4.37E-04	5.30E-03	7.02E-04	2.57E+00	1.96E-07	6.51E-08	3.34E+00	3.14E-01	9.46E-04	1.70E-02	1.27E-02	2.34E-01	1.36E+01	1.38E+00	4.92E-08	3.78E-08	2.00E-03	8.47E-05	5.57E-01	3.79E-01	1.42E+01	1.72E-04	1.41E+01	1.57E+01	9.71E-01	0.00E+00	0.00E+00	1.04E-03	6.01E-01
41408989	6.83E-03	5.54E-01	-5.40E-03	5.59E-01	3.52E-05	0.00E+00	2.48E+02	6.28E-05	4.30E-04	5.19E-03	7.01E-04	2.56E+00	1.95E-07	6.57E-08	3.43E+00	3.14E-01	9.43E-04	1.68E-02	1.26E-02	2.35E-01	1.26E+01	1.39E+00	5.07E-08	3.78E-08	1.99E-03	8.47E-05	5.55E-01	3.65E-01	1.28E+01	1.70E-04	1.28E+01	1.37E+01	9.45E-01	0.00E+00	0.00E+00	9.80E-04	5.74E-01
41428989	7.64E-03	1.02E+00	-4.79E-02	1.08E+00	4.28E-06	0.00E+00	8.22E+01	4.06E-05	7.58E-04	8.91E-03	9.32E-04	2.61E+00	2.18E-07	4.80E-08	5.45E+00	1.74E-01	1.28E-03	3.42E-02	4.15E-02	3.18E-01	2.94E+01	2.42E+00	8.98E-07	5.18E-08	2.69E-03	2.18E-04	9.32E-01	9.99E-01	3.13E+01	7.26E-05	3.14E+01	3.27E+01	1.61E+00	0.00E+00	0.00E+00	1.28E-04	2.24E+00
41429909	7.09E-03	8.95E-01	-2.28E-02	9.42E-01	3.50E-05	0.00E+00	4.42E+01	3.42E-05	7.12E-04	8.22E-03	8.32E-04	2.05E+00	1.50E-07	4.89E-08	5.18E+00	2.23E-01	1.10E-03	2.88E-02	3.97E-02	2.92E-01	2.44E+01	1.56E+00	7.56E-07	3.97E-08	2.57E-03	1.78E-04	6.75E-01	5.17E-01	2.66E+01	3.37E-05	2.65E+01	2.80E+01	1.33E+00	0.00E+00	0.00E+00	1.28E-04	1.96E+00
41431404	4.24E-03	5.77E-01	-2.09E-02	6.16E-01	4.86E-06	0.00E+00	1.32E+01	4.37E-05	4.23E-04	4.56E-03	8.38E-04	1.01E+00	1.47E-07	3.75E-08	2.80E+00	1.39E-01	1.14E-03	2.85E-02	4.57E-02	1.74E-01	2.23E+01	1.40E+00	6.53E-08	2.37E-08	1.74E-03	2.13E-04	2.85E-01	5.14E-01	2.38E+01	1.75E-05	2.38E+01	2.45E+01	7.72E-01	0.00E+00	0.00E+00	3.90E-10	1.98E+00
41431606	4.41E-03	5.37E-01	-2.27E-02	5.59E-01	5.19E-06	0.00E+00	5.32E+00	4.49E-05	4.13E-04	4.47E-03	8.04E-04	9.47E-01	1.44E-07	4.45E-08	3.69E+00	1.39E-01	1.09E-03	2.86E-02	4.52E-02	1.27E-01	2.21E+01	1.41E+00	6.64E-08	2.23E-08	1.62E-03	7.40E-05	2.64E-01	5.02E-01	2.35E+01	1.66E-05	2.35E+01	2.42E+01	7.66E-01	0.00E+00	0.00E+00	0.00E+00	1.94E+00
41431909	5.06E-03	6.27E-01	-2.51E-02	6.84E-01	5.10E-06	0.00E+00	1.51E+01	4.49E-05	4.82E-04	4.99E-03	7.99E-04	1.67E+00	1.61E-07	4.26E-08	3.70E+00	1.44E-01	1.15E-03	2.84E-02	4.46E-02	2.43E-01	2.27E+01	1.42E+00	7.87E-08	2.79E-08	1.89E-03	2.66E-04	3.32E-01	5.10E-01	2.40E+01	2.49E-05	2.40E+01	2.48E+01	9.09E-01	0.00E+00	0.00E+00	3.90E-10	1.98E+00
41431912	4.38E-03	5.82E-01	-2.75E-02	6.23E-01	5.30E-06	0.00E+00	1.18E+01	4.40E-05	4.41E-04	4.68E-03	8.62E-04	9.88E-01	1.47E-07	4.44E-08	3.02E+00	1.34E-01	1.17E-03	2.84E-02	4.58E-02	1.58E-01	2.27E+01	1.37E+00	2.05E-07	2.40E-08	1.78E-03	9.16E-05	3.26E-01	5.66E-01	2.41E+01	1.74E-05	2.41E+01	2.50E+01	9.14E-01	0.00E+00	0.00E+00	3.90E-10	1.99E+00
41431913	4.13E-03	5.78E-01	-2.15E-02	6.16E-01	4.81E-06	0.00E+00	1.18E+01	4.36E-05	4.17E-04	4.50E-03	8.06E-04	1.00E+00	1.48E-07	2.59E-08	2.82E+00	1.30E-01	1.13E-03	2.86E-02	4.58E-02	1.64E-01	2.22E+01	1.38E+00	2.00E-07	2.33E-08	1.72E-03	9.51E-05	2.76E-01	5.08E-01	2.36E+01	1.75E-05	2.36E+01	2.45E+01	7.77E-01	0.00E+00	0.00E+00	7.67E-08	1.99E+00
41431914	4.38E-03	5.78E-01	-2.79E-02	6.16E-01	5.30E-06	0.00E+00	1.17E+01	4.39E-05	4.24E-04	4.60E-03	8.09E-04	9.88E-01	1.47E-07	4.45E-08	2.99E+00	1.34E-01	1.12E-03	2.88E-02	4.56E-02	1.54E-01	2.26E+01	1.35E+00	2.02E-07	2.40E-08	1.75E-03	8.85E-05	3.27E-01	5.53E-01	2.39E+01	1.74E-05	2.39E+01	2.49E+01	9.46E-01	0.00E+00	0.00E+00	7.67E-08	1.98E+00
41432045	3.79E-03	5.08E-01	-2.17E-02	5.30E-01	5.19E-06	0.00E+00	4.78E+00	4.91E-05	3.78E-04	4.00E-03	8.00E-04	1.00E+00	1.53E-07	2.50E-08	3.38E+00	2.02E-01	1.08E-03	2.85E-02	5.17E-02	1.33E-01	2.17E+01	1.19E+00	6.54E-08	2.31E-08	1.53E-03	6.23E-05	1.68E-01	5.02E-01	2.29E+01	1.77E-05	2.29E+01	2.36E+01	6.70E-01	0.00E+00	0.00E+00	0.00E+00	2.22E+00
41432089	3.58E-03	4.99E-01	-2.14E-02	5.21E-01	5.19E-06	0.00E+00	5.04E+00	4.46E-05	3.77E-04	3.99E-03	7.96E-04	1.00E+00	1.53E-07	2.51E-08	3.38E+00	1.39E-01	1.08E-03	2.85E-02	4.59E-02	1.48E-01	2.13E+01	1.35E+00	5.97E-08	2.13E-08	1.50E-03	7.23E-05	1.75E-01	5.02E-01	2.27E+01	1.77E-05	2.27E+01	2.33E+01	6.76E-01	0.00E+00	0.00E+00	0.00E+00	1.97E+00
41436012	4.76E-03	6.39E-01	-2.16E-02	6.73E-01	3.33E-07	0.00E+00	8.78E+00	4.43E-05	4.87E-04	5.30E-03	9.00E-04	1.54E+00	1.53E-07	3.44E-08	3.64E+00	1.26E-01	1.22E-03	2.86E-02	5.04E-02	2.33E-01	2.30E+01	1.40E+00	1.07E-07	3.07E-08	2.06E-03	1.09E-04	2.51E-01	5.96E-01	2.45E+01	3.67E-05	2.45E+01	2.53E+01	8.07E-01	0.00E+00	0.00E+00	3.90E-10	2.16E+00
41436013	4.80E-03	6.45E-01	-2.67E-02	6.81E-01	3.02E-07	0.00E+00	8.70E+00	4.46E-05	4.89E-04	5.33E-03	9.05E-04	1.53E+00	1.53E-07	3.47E-08	3.88E+00	1.28E-01	1.23E-03	2.86E-02	4.95E-02	2.28E-01	2.32E+01	1.38E+00	1.09E-07	3.10E-08	2.06E-03	1.03E-04	3.19E-01	5.67E-01	2.46E+01	3.74E-05	2.46E+01	2.57E+01	8.72E-01	0.00E+00	0.00E+00	7.67E-08	2.12E+00
41436014	5.15E-03	6.52E-01	-3.07E-02	7.05E-01	3.14E-07	0.00E+00	1.39E+01	4.37E-05	5.04E-04	5.52E-03	9.08E-04	1.56E+00	1.52E-07	3.61E-08	4.00E+00	1.32E-01	1.24E-03	2.94E-02	4.98E-02	2.28E-01	2.45E+01	1.35E+00	1.09E-07	3.21E-08	2.13E-03	1.17E-04	4.72E-01	6.58E-01	2.58E+01	5.54E-05	2.58E+01	2.73E+01	1.23E+00	0.00E+00	0.00E+00	7.67E-08	2.15E+00
41436084	5.60E-03	7.18E-01	-2.16E-02	7.27E-01	4.27E-07	0.00E+00	1.20E+01	4.45E-05	5.13E-04	5.68E-03	8.86E-04	1.66E+00	1.53E-07	4.19E-08	3.55E+00	1.30E-01	1.21E-03	2.85E-02	5.04E-02	2.34E-01	2.66E+01	1.47E+00	1.11E-07	3.28E-08	2.64E-03	1.11E-04	2.55E-01	5.97E-01	2.81E+01	3.71E-05	2.81E+01	2.93E+01	8.30E-01	0.00E+00	0.00E+00	3.90E-10	2.15E+00
41436086	4.31E-03	5.69E-01	-2.20E-02	5.91E-01	2.70E-08	0.00E+00	6.48E+00	4.44E-05	4.49E-04	4.77E-03	8.62E-04	1.01E+00	1.53E-07	2.51E-08	3.81E+00	1.25E-01	1.17E-03	2.86E-02	4.98E-02	1.87E-01	2.28E+01	1.37E+00	1.17E-07	2.55E-08	1.87E-03	1.02E-04	2.21E-01	5.97E-01	2.41E+01	1.77E-05	2.41E+01	2.50E+01	8.18E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+00
41436089	4.26E-03	5.64E-01	-2.22E-02	5.86E-01	2.70E-08	0.00E+00	6.63E+00	4.44E-05	4.40E-04	4.65E-03	8.63E-04	1.01E+00	1.53E-07	2.51E-08	3.80E+00	1.25E-01	1.17E-03	2.86E-02	4.99E-02	1.86E-01	2.27E+01	1.34E+00	1.17E-07	2.52E-08	1.85E-03	1.02E-04	1.81E-01	5.96E-01	2.40E+01	1.77E-05	2.40E+01	2.48E+01	7.77E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+00
41438912	5.19E-03	7.28E-01	-2.16E-02	7.66E-01	3.46E-07	0.00E+00	1.22E+01	4.39E-05	5.67E-04	6.05E-03	8.80E-04	1.56E+00	1.54E-07	3.74E-08	3.60E+00	1.24E-01	1.19E-03	2.85E-02	5.06E-02	2.71E-01	2.31E+01	1.40E+00	1.07E-07	3.16E-08	2.42E-03	1.28E-04	2.50E-01	5.96E-01	2.45E+01	2.52E-05	2.44E+01	2.53E+01	8.05E-01	0.00E+00	0.00E+00	3.90E-10	2.14E+00
41438913	5.62E-03	8.25E-01	-3.06E-02	8.70E-01	3.15E-07	0.00E+00	1.80E+01	4.27E-05	6.04E-04	6.59E-03	9.14E-04	1.58E+00	1.52E-07	4.03E-08	3.96E+00	1.28E-01	1.24E-03	2.94E-02	5.18E-02	2.76E-01	2.48E+01	1.37E+00	1.16E-07	3.41E-08	2.52E-03	1.48E-04	5.03E-01	6.77E-01	2.63E+01	5.07E-05	2.62E+01	2.78E+01	1.26E+00	0.00E+00	0.00E+00	7.67E-08	2.21E+00
41438914	5.37E-03	8.20E-01	-2.76E-02	8.57E-01	3.07E-07	0.00E+00	1.28E+01	4.34E-05	5.95E-04	6.49E-03	9.22E-04	1.53E+00	1.53E-07	3.88E-08	3.85E+00	1.24E-01	1.25E-03	2.85E-02	5.19E-02	2.78E-01	2.37E+01	1.40E+00	1.16E-07	3.32E-08	2.50E-03	1.31E-04	3.86E-01	6.74E-01	2.51E+01	2.75E-05	2.50E+01	2.62E+01	9.85E-01	0.00E+00	0.00E+00	7.67E-08	2.19E+00
41438982	6.58E-03	8.59E-01	-2.73E-02	8.98E-01	1.29E-07	0.00E+00	1.43E+01	4.42E-05	6.87E-04	7.80E-03	8.70E-04	1.70E+00	1.60E-07	3.92E-08	3.92E+00	1.24E-01	1.25E-03	2.84E-02	4.90E-02	2.91E-01	2.41E+01	1.40E+00	1.18E-07	3.46E-08	2.61E-03	1.52E-04	5.04E-01	6.53E-01	2.56E+01	2.85E-05	2.56E+01	2.67E+01	1.01E+00	0.00E+00	0.00E+00	3.90E-10	2.17E+00
41438989	6.13E-03	8.12E-01	-2.85E-02	8.35E-01	1.67E-07	0.00E+00	1.93E+01	4.41E-05	6.43E-04	6.51E-03	8.56E-04	1.86E+00	1.79E-07	4.18E-08	3.76E+00	1.29E-01	1.23E-03	2.89E-02	5.03E-02	3.00E-01	2.48E+01	1.44E+00	2.49E-07	3.32E-08	2.51E-03	2.10E-04	5.14E-01	6.83E-01	2.60E+01	7.06E-05	2.61E+01	2.75E+01	1.23E+00	0.00E+00	0.00E+00	3.90E-10	2.26E+00
414520	4.03E-03	5.37E-01	-1.98E-02	5.57E-01	2.70E-08	0.00E+00	6.11E+00	4.44E-05	4.14E-04	4.33E-03	7.39E-04	1.01E+00	1.53E-07	2.50E-08	2.62E+00	1.24E-01	1.00E-03	3.39E-02	4.90E-02	1.72E-01	2.27E+01	1.21E+00	1.05E-07	2.38E-08	1.74E-03	9.20E-05	9.01E-02	5.66E-01	2.39E+01	1.76E-05	2.39E+01	2.45E+01	6.56E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+00
41452045	4.05E-03	5.36E-01	-2.11E-02	5.59E-01	5.21E-06	0.00E+00	5.01E+01	4.24E-05	4.23E-04	4.51E-03	5.73E-04	9.87E-01	1.66E-07	2.48E-08	3.03E+00	1.54E-01	1.09E-03	3.44E-02	5.32E-02	1.60E-01	2.21E+01	1.22E+00	6.37E-08	2.46E-08	1.66E-03	7.00E-05	2.39E-01	5.31E-01	2.33E+01	1.80E-05	2.32E+01	2.40E+01	7.27E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+00
41452089	4.01E-03	5.41E-01	-2.04E-02	5.57E-01	5.24E-06	0.00E+00	5.00E+01	4.19E-05	4.21E-04	4.50E-03	6.04E-04	9.98E-01	1.68E-07	2.49E-08	2.87E+00	1.03E-01	1.08E-03	3.46E-02	4.54E-02	1.66E-01	2.21E+01	1.06E+00	6.24E-08	2.42E-08	1.65E-03	6.86E-05	2.22E-01	5.10E-01	2.34E+01	1.77E-05	2.34E+01	2.42E+01	7.03E-01	0.00E+00	0.00E+00	0.00E+00	1.93E+00
414521	3.94E-03	5.20E-01	-2.12E-02	5.41E-01	2.70E-08	0.00E+00	5.71E+00	4.44E-05	4.03E-04	4.22E-03	7.35E-04	1.01E+00	1.53E-07	2.49E-08	2.62E+00	1.24E-01	9.94E-04	3.39E-02	4.84E-02	1.61E-01	2.24E+01	1.15E+00	9.75E-08	2.32E-08	1.68E-03	8.63E-05	8.84E-02	5.54E-01	2.35E+01	1.76E-05	2.35E+01	2.42E+01	6.43E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+00
41491404	5.05E-03	6.71E-01	-2.15E-02	6.89E-01	4.84E-06	0.00E+00	4.58E+01	4.39E-05	4.73E-04	4.92E-03	8.54E-04	1.04E+00	1.56E-07	4.01E-08	2.81E+00	1.30E-01	1.16E-03	2.84E-02	4.61E-02	1.64E-01	2.57E+01	1.46E+00	8.22E-07	2.65E-08	2.13E-03	8.41E-05	3.12E-01	5.15E-01	2.70E+01	1.78E-05	2.69E+01	2.78E+01	8.15E-01	0.00E+00	0.00E+00	3.90E-10	2.00E+00
41491606	4.40E-03	6.25E-01	-2.18E-02	6.51E-01	5.19E-06	0.00E+00	4.39E+01	4.45E-05	4.36E-04	4.65E-03	8.49E-04	1.04E+00	1.57E-07	3.41E-08	2.84E+00	1.39E-01	1.15E-03	2.85E-02	4.57E-02	1.52E-01	2.27E+01	1.40E+00	8.01E-07	2.40E-08	1.76E-03	8.38E-05	3.17E-01	5.15E-01	2.42E+01	1.78E-05	2.42E+01	2.50E+01	8.02E-01	0.00E+00	0.00E+00	3.90E-10	1.99E+00
41491909	4.33E-03	6.37E-01	-2.79E-02	6.73E-01	4.64E-06	0.00E+00	4.41E+01	4.26E-05	4.58E-04	4.87E-03	8.87E-04	1.04E+00	1.56E-07	2.81E-08	2.89E+00	1.29E-01	1.20E-03	2.82E-02	4.67E-02	1.71E-01	2.29E+01	1.42E+00	7.99E-07	2.50E-08	1.88E-03	8.96E-05	3.71E-01	5.63E-01	2.43E+01	1.78E-05	2.43E+01	2.54E+01	1.07E+00	0.00E+00	0.00E+00	3.90E-10	2.04E+00
41496084	5.64E-03	7.70E-01	-2.16E-02	7.90E-01	2.52E-06	0.00E+00	4.65E+01	4.45E-05	5.18E-04	5.74E-03	8.98E-04	1.58E+00	1.58E-07	4.50E-08	3.59E+00	1.30E-01	1.23E-03	2.85E-02	5.06E-02	2.00E-01	2.65E+01	1.48E+00	8.64E-07	3.25E-08	2.59E-03	1.03E-04	2.83E-01	5.95E-01	2.81E+01	3.80E-05	2.80E+01	2.93E+01	8.64E-01	0.00E+00	0.00E+00	3.90E-10	2.16E+00
41496086	6.24E-03	8.33E-01	-3.01E-02	8.96E-01	3.84E-06	0.00E+00	4.55E+01	4.52E-05	5.94E-04	6.85E-03	9.66E-04	1.64E+00	1.53E-07	4.22E-08	3.94E+00	1.40E-01	1.30E-03	2.84E-02	5.18E-02	2.26E-01	3.09E+01	1.41E+00	8.76E-07	3.83E-08	2.44E-03	1.16E-04	6.72E-01	6.70E-01	3.22E+01	4.99E-05	3.21E+01	3.32E+01	1.50E+00	0.00E+00	0.00E+00	3.90E-10	2.21E+00
41496089	5.30E-03	6.90E-01	-2.86E-02	7.43E-01	2.54E-06	0.00E+00	4.09E+01	4.35E-05	5.32E-04	6.23E-03	9.45E-04	1.52E+00	1.57E-07	4.01E-08	3.84E+00	1.28E-01	1.28E-03	2.86E-02	5.16E-02	2.21E-01	2.52E+01	1.43E+00	8.72E-07	3.47E-08	2.21E-03	1.05E-04	5.84E-01	6.72E-01	2.71E+01	3.76E-05	2.71E+01	2.81E+01	1.30E+00	0.00E+00	0.00E+00	3.90E-10	2.19E+00
41498982	5.37E-03	8.15E-01	-2.16E-02	8.56E-01	2.73E-06	0.00E+00	4.35E+01	4.40E-05	5.88E-04	6.22E-03	9.05E-04	1.59E+00	1.59E-07	4.43E-08	3.62E+00	1.27E-01	1.23E-03	2.85E-02	5.05E-02	2.35E-01	2.33E+01	1.41E+00	8.60E-07	3.19E-08	2.44E-03	1.48E-04	2.90E-01	5.97E-01	2.49E+01	2.77E-05	2.48E+01	2.58E+01	8.76E-01	0.00E+00	0.00E+00	3.90E-10	2.16E+00
41498989	5.52E-03	8.27E-01	-2.16E-02	8.75E-01	2.77E-06	0.00E+00	4.29E+01	4.40E-05	6.06E-04	6.51E-03	9.22E-04	1.59E+00	1.59E-07	4.43E-08	3.61E+00	1.27E-01	1.24E-03	2.85E-02	5.09E-02	2.35E-01	2.36E+01	1.40E+00	8.60E-07	3.23E-08	2.48E-03	1.48E-04	3.39E-01	5.97E-01	2.53E+01	2.88E-05	2.52E+01	2.62E+01	8.79E-01	0.00E+00	0.00E+00	3.90E-10	2.17E+00
41516013	5.36E-03	7.55E-01	-1.90E-02	7.71E-01	3.22E-05	0.00E+00	4.44E+01	4.42E-05	5.83E-04	6.26E-03	9.90E-04	1.59E+00	1.63E-07	4.07E-08	3.13E+00	1.90E-01	1.34E-03	3.21E-02	4.81E-02	2.64E-01	2.55E+01	1.98E+00	7.84E-07	3.71E-08	2.12E-03	1.43E-04	7.28E-01	5.32E-01	2.75E+01	4.03E-05	2.75E+01	2.91E+01	1.33E+00	0.00E+00	0.00E+00	3.00E-07	2.04E+00
41516014	5.52E-03	7.71E-01	-1.91E-02	7.75E-01	6.53E-06	0.00E+00	4.40E+01	4.47E-05	6.06E-04	6.70E-03	9.70E-04	1.57E+00	1.64E-07	4.07E-08	3.31E+00	1.37E-01	1.31E-03	3.21E-02	4.74E-02	2.20E-01	2.58E+01	1.75E+00	8.70E-07	3.98E-08	2.21E-03	1.03E-04	7.07E-01	4.45E-01	2.80E+01	3.92E-05	2.80E+01	2.96E+01	1.31E+00	0.00E+00	0.00E+00	3.00E-07	2.07E+00
41516015	5.38E-03	7.55E-01	-2.30E-02	7.66E-01	3.21E-05	0.00E+00	4.48E+01	4.49E-05	5.68E-04	6.24E-03	1.01E-03	1.61E+00	1.62E-07	4.09E-08	3.15E+00	1.93E-01	1.37E-03	3.22E-02	4.85E-02	2.58E-01	2.56E+01	1.96E+00	7.85E-07	3.69E-08	2.14E-03	1.45E-04	7.31E-01	5.30E-01	2.76E+01	4.02E-05	2.76E+01	2.94E+01	1.33E+00	0.00E+00	0.00E+00	2.23E-07	2.05E+00
41516024	5.64E-03	7.69E-01	-3.35E-02	7.92E-01	6.73E-06	0.00E+00	5.15E+01	4.57E-05	5.88E-04	6.58E-03	1.01E-03	1.65E+00	1.59E-07	4.23E-08	3.25E+00	1.56E-01	1.38E-03	3.35E-02	4.87E-02	2.21E-01	2.71E+01	1.81E+00	8.55E-07	3.80E-08	2.26E-03	1.13E-04	8.31E-01	7.06E-01	2.92E+01	6.48E-05	2.92E+01	3.09E+01	1.55E+00	0.00E+00	0.00E+00	3.00E-07	2.08E+00
41517113	5.55E-03	8.64E-01	-2.24E-02	8.61E-01	6.04E-05	0.00E+00	7.31E+01	4.74E-05	6.08E-04	6.92E-03	1.03E-03	1.77E+00	1.63E-07	4.40E-08	3.19E+00	2.88E-01	1.41E-03	3.12E-02	4.82E-02	2.90E-01	2.71E+01	2.12E+00	7.96E-07	3.89E-08	2.20E-03	1.40E-04	8.50E-01	5.93E-01	2.95E+01	2.27E-05	2.94E+01	3.11E+01	1.45E+00	0.00E+00	0.00E+00	3.00E-07	2.04E+00
41517115	5.70E-03	8.18E-01	-2.27E-02	8.15E-01	6.04E-05	0.00E+00	7.33E+01	4.79E-05	6.08E-04	6.86E-03	1.03E-03	1.81E+00	1.62E-07	4.52E-08	3.22E+00	2.91E-01	1.41E-03	3.14E-02	4.78E-02	2.77E-01	2.71E+01	2.02E+00	7.96E-07	3.88E-08	2.21E-03	1.41E-04	8.34E-01	5.28E-01	2.96E+01	2.30E-05	2.95E+01	3.11E+01	1.38E+00	0.00E+00	0.00E+00	2.23E-07	2.02E+00
41517124	6.17E-03	8.18E-01	-5.40E-02	8.37E-01	6.33E-05	0.00E+00	7.75E+01	5.26E-05	6.23E-04	7.21E-03	9.61E-04	1.95E+00	1.90E-07	4.90E-08	3.23E+00	2.95E-01	1.41E-03	3.32E-02	5.06E-02	2.78E-01	2.86E+01	2.00E+00	7.98E-07	4.11E-08	2.34E-03	1.44E-04	9.62E-01	1.02E+00	3.09E+01	7.86E-05	3.07E+01	3.26E+01	1.69E+00	0.00E+00	0.00E+00	3.00E-07	2.12E+00
41631909	4.93E-03	8.21E-01	-1.83E-02	8.52E-01	2.31E-05	0.00E+00	6.49E+01	4.52E-05	5.57E-04	6.41E-03	1.16E-03	1.74E+00	1.56E-07	2.88E-08	2.64E+00	1.69E-01	1.58E-03	3.00E-02	4.76E-02	3.15E-01	2.61E+01	3.00E+00	7.51E-08	4.28E-08	2.09E-03	1.24E-04	5.03E-01	5.38E-01	2.81E+01	1.92E-05	2.81E+01	2.90E+01	9.74E-01	0.00E+00	0.00E+00	3.90E-10	2.04E+00
41636086	6.04E-03	8.98E-01	-1.79E-02	9.59E-01	2.53E-05	0.00E+00	7.06E+01	4.65E-05	6.22E-04	7.23E-03	1.13E-03	2.27E+00	1.53E-07	4.21E-08	2.90E+00	1.92E-01	1.58E-03	3.01E-02	4.72E-02	2.81E-01	3.03E+01	3.01E+00	1.31E-07	4.54E-08	2.38E-03	1.18E-04	7.49E-01	5.37E-01	3.25E+01	4.03E-05	3.22E+01	3.33E+01	1.16E+00	0.00E+00	0.00E+00	3.90E-10	2.01E+00
41636089	5.49E-03	8.62E-01	-5.68E-02	9.18E-01	2.53E-05	0.00E+00	7.61E+01	4.92E-05	5.94E-04	7.11E-03	9.23E-04	2.43E+00	1.51E-07	4.77E-08	2.88E+00	2.00E-01	1.61E-03	3.32E-02	5.11E-02	2.84E-01	2.83E+01	2.40E+00	1.31E-07	4.82E-08	2.29E-03	1.22E-04	7.84E-01	1.22E+00	3.01E+01	8.18E-05	3.01E+01	3.13E+01	1.54E+00	0.00E+00	0.00E+00	3.90E-10	2.19E+00
41637006	6.00E-03	9.94E-01	-3.15E-02	1.06E+00	2.73E-05	0.00E+00	7.18E+01	4.31E-05	6.81E-04	7.69E-03	1.13E-03	2.46E+00	1.69E-07	4.28E-08	2.90E+00	2.32E-01	1.69E-03	3.54E-02	4.84E-02	2.82E-01	2.65E+01	2.61E+00	1.31E-07	5.45E-08	2.81E-03	1.20E-04	7.72E-01	6.71E-01	3.20E+01	6.59E-05	3.20E+01	3.28E+01	1.46E+00	0.00E+00	0.00E+00	3.90E-10	2.10E+00
41637009	4.70E-03	8.53E-01	-1.75E-02	8.94E-01	2.74E-05	0.00E+00	7.38E+01	4.49E-05	5.76E-04	6.84E-03	1.13E-03	2.16E+00	1.62E-07	3.71E-08	2.87E+00	1.99E-01	1.58E-03	3.00E-02	4.74E-02	2.88E-01	2.65E+01	3.02E+00	1.31E-07	4.27E-08	2.12E-03	1.17E-04	7.19E-01	5.36E-01	2.86E+01	2.10E-05	2.87E+01	2.95E+01	1.16E+00	0.00E+00	0.00E+00	3.90E-10	2.02E+00
41638982	7.51E-03	1.02E+00	-1.80E-02	1.06E+00	2.39E-05	0.00E+00	6.85E+01	3.39E-05	7.41E-04	8.71E-03	9.16E-04	2.71E+00	1.57E-07	4.25E-08	2.94E+00	2.22E-01	1.58E-03	3.07E-02	4.16E-02	4.17E-01	2.61E+01	2.97E+00	8.31E-08	5.24E-08	2.61E-03	1.82E-04	8.34E-01	5.38E-01	2.84E+01	3.76E-05	2.84E+01	2.94E+01	1.28E+00	0.00E+00	0.00E+00	3.90E-10	1.98E+00
41638989	7.72E-03	1.03E+00	-1.25E-02	1.06E+00	2.39E-05	0.00E+00	6.64E+01	3.66E-05	7.67E-04	8.87E-03	9.65E-04	2.57E+00	1.57E-07	4.10E-08	2.91E+00	2.20E-01	1.51E-03	3.02E-02	3.99E-02	4.24E-01	2.60E+01	2.94E+00	8.14E-08	5.64E-08	2.77E-03	1.80E-04	8.41E-01	3.62E-01	2.82E+01	3.59E-05	2.82E+01	2.94E+01	1.26E+00	0.00E+00	0.00E+00	3.90E-10	1.92E+00
41661909	4.61E-03	5.60E-01	-2.11E-02	5.78E-01	4.37E-06	0.00E+00	2.61E+02	2.56E-05	4.41E-04	4.94E-03	6.78E-04	1.09E+00	1.32E-07	2.24E-08	1.97E+00	1.06E-01	9.77E-04	1.31E-02	2.37E-02	1.61E-01	1.62E+01	1.15E+00	2.51E-08	2.80E-08	1.78E-03	7.73E-05	3.71E-01	4.66E-01	1.77E+01	1.37E-05	1.77E+01	1.91E+01	8.54E-01	0.00E+00	0.00E+00	3.90E-10	1.32E+00
41666084	4.57E-03	5.58E-01	-2.11E-02	5.79E-01	4.38E-06	0.00E+00	2.64E+02	2.63E-05	4.30E-04	4.74E-03	7.33E-04	1.11E+00	1.34E-07	2.24E-08	1.97E+00	1.15E-01	9.97E-04	1.43E-02	2.43E-02	1.62E-01	1.60E+01	1.27E+00	3.58E-08	2.81E-08	1.76E-03	7.73E-05	3.73E-01	4.67E-01	1.75E+01	1.37E-05	1.76E+01	1.91E+01	8.72E-01	0.00E+00	0.00E+00	3.90E-10	1.36E+00
41666086	4.47E-03	5.71E-01	-2.23E-02	5.91E-01	5.22E-06	0.00E+00	1.49E+02	3.10E-05	4.51E-04	5.03E-03	7.42E-04	1.48E+00	1.28E-07	2.21E-08	1.99E+00	1.24E-01	1.01E-03	1.44E-02	3.20E-02	1.74E-01	1.65E+01	1.28E+00	3.98E-08	2.85E-08	1.74E-03	7.70E-05	3.71E-01	4.74E-01	1.75E+01	1.42E-05	1.76E+01	1.91E+01	8.94E-01	0.00E+00	0.00E+00	3.90E-10	1.49E+00
41666089	4.32E-03	5.61E-01	-2.14E-02	5.80E-01	4.03E-06	0.00E+00	2.65E+02	2.63E-05	4.50E-04	4.90E-03	7.33E-04	1.12E+00	1.35E-07	2.22E-08	1.98E+00	1.13E-01	9.99E-04	1.39E-02	2.41E-02	1.70E-01	1.55E+01	1.28E+00	2.40E-08	2.58E-08	1.73E-03	7.73E-05	3.68E-01	4.75E-01	1.71E+01	1.38E-05	1.72E+01	1.84E+01	8.67E-01	0.00E+00	0.00E+00	3.90E-10	1.35E+00
41668982	4.37E-03	5.51E-01	-2.11E-02	5.78E-01	4.42E-06	0.00E+00	2.63E+02	2.56E-05	4.32E-04	4.77E-03	6.77E-04	1.11E+00	1.31E-07	2.22E-08	1.97E+00	1.07E-01	9.75E-04	1.31E-02	2.40E-02	1.59E-01	1.58E+01	1.16E+00	2.51E-08	2.57E-08	1.75E-03	7.82E-05	3.70E-01	4.65E-01	1.75E+01	1.36E-05	1.76E+01	1.88E+01	8.63E-01	0.00E+00	0.00E+00	3.90E-10	1.32E+00
41668989	4.37E-03	5.53E-01	-2.12E-02	5.78E-01	4.50E-06	0.00E+00	2.64E+02	2.55E-05	4.32E-04	4.84E-03	6.73E-04	1.08E+00	1.30E-07	2.21E-08	1.97E+00	1.06E-01	9.65E-04	1.30E-02	2.32E-02	1.58E-01	1.67E+01	1.13E+00	2.49E-08	2.53E-08	1.75E-03	7.74E-05	3.70E-01	4.66E-01	1.85E+01	1.35E-05	1.85E+01	1.95E+01	8.49E-01	0.00E+00	0.00E+00	3.90E-10	1.29E+00
41681909	4.61E-03	5.60E-01	-2.11E-02	5.78E-01	4.37E-06	0.00E+00	2.54E+02	2.56E-05	4.41E-04	4.94E-03	6.78E-04	1.09E+00	1.32E-07	2.24E-08	1.97E+00	1.06E-01	9.77E-04	1.31E-02	2.35E-02	1.61E-01	1.62E+01	1.15E+00	2.48E-08	2.80E-08	1.78E-03	7.73E-05	3.71E-01	4.66E-01	1.77E+01	1.37E-05	1.77E+01	1.91E+01	8.54E-01	0.00E+00	0.00E+00	3.90E-10	1.33E+00
41686086	4.43E-03	5.53E-01	-2.09E-02	5.81E-01	5.40E-06	0.00E+00	1.40E+02	3.10E-05	4.33E-04	4.90E-03	7.19E-04	1.44E+00	1.26E-07	2.21E-08	1.98E+00	1.19E-01	9.77E-04	1.46E-02	3.14E-02	1.66E-01	1.66E+01	1.14E+00	4.04E-08	2.86E-08	1.77E-03	7.77E-05	3.74E-01	4.65E-01	1.76E+01	1.42E-05	1.77E+01	1.94E+01	8.72E-01	0.00E+00	0.00E+00	3.90E-10	1.45E+00
41686089	5.23E-03	6.02E-01	-1.91E-02	6.06E-01	3.71E-06	0.00E+00	2.86E+02	3.42E-05	4.44E-04	5.07E-03	7.12E-04	1.82E+00	1.60E-07	3.19E-08	2.30E+00	9.56E-02	9.60E-04	1.42E-02	2.38E-02	1.90E-01	1.75E+01	1.11E+00	3.82E-08	3.21E-08	1.94E-03	9.65E-05	3.95E-01	3.90E-01	1.91E+01	2.11E-05	1.91E+01	2.04E+01	8.54E-01	0.00E+00	0.00E+00	3.90E-10	1.31E+00
41688989	4.37E-03	5.53E-01	-2.12E-02	5.78E-01	4.51E-06	0.00E+00	2.54E+02	2.55E-05	4.32E-04	4.84E-03	6.73E-04	1.08E+00	1.30E-07	2.21E-08	1.97E+00	1.06E-01	9.65E-04	1.30E-02	2.30E-02	1.58E-01	1.67E+01	1.13E+00	2.46E-08	2.53E-08	1.75E-03	7.74E-05	3.70E-01	4.66E-01	1.85E+01	1.35E-05	1.85E+01	1.95E+01	8.49E-01	0.00E+00	0.00E+00	3.90E-10	1.29E+00
417508	3.32E-03	2.94E-01	1.02E-03	2.96E-01	6.88E-07	0.00E+00	3.28E+02	5.46E-05	2.16E-04	2.48E-03	2.85E-04	1.47E+00	1.93E-07	3.84E-08	3.47E+00	1.50E-01	3.67E-04	1.04E-02	6.92E-03	9.97E-02	4.39E+00	6.86E-01	5.28E-07	2.20E-08	9.13E-04	4.17E-05	2.75E-01	1.12E-01	5.01E+00	2.91E-05	5.01E+00	5.47E+00	3.56E-01	0.00E+00	0.00E+00	3.90E-10	2.57E-01
417509	3.33E-03	2.75E-01	-2.06E-02	2.78E-01	1.19E-06	0.00E+00	3.44E+02	5.56E-05	2.16E-04	2.48E-03	2.86E-04	1.74E+00	1.99E-07	4.53E-08	3.59E+00	1.55E-01	3.74E-04	1.21E-02	6.96E-03	9.66E-02	4.24E+00	6.59E-01	5.38E-07	2.21E-08	8.46E-04	4.18E-05	3.13E-01	5.74E-01	4.83E+00	4.69E-05	4.83E+00	5.31E+00	5.01E-01	0.00E+00	0.00E+00	3.90E-10	2.66E-01
417708	3.30E-03	2.97E-01	2.56E-03	2.96E-01	1.32E-06	0.00E+00	3.26E+02	5.55E-05	2.16E-04	2.48E-03	2.84E-04	1.44E+00	1.93E-07	3.85E-08	3.46E+00	1.53E-01	3.55E-04	1.04E-02	6.94E-03	1.01E-01	4.40E+00	6.75E-01	5.31E-07	2.20E-08	9.13E-04	4.17E-05	2.79E-01	1.06E-01	5.01E+00	2.86E-05	5.01E+00	5.47E+00	3.56E-01	0.00E+00	0.00E+00	3.90E-10	2.61E-01
418037	4.43E-03	3.77E-01	-1.88E-02	3.91E-01	1.81E-05	0.00E+00	1.26E+02	4.30E-05	2.74E-04	3.16E-03	4.78E-04	1.07E+00	1.06E-07	3.28E-08	3.38E+00	1.74E-01	6.50E-04	1.29E-02	1.41E-02	1.61E-01	7.24E+00	1.14E+00	2.45E-08	2.46E-08	1.09E-03	6.89E-05	3.68E-01	4.32E-01	8.43E+00	1.66E-05	8.42E+00	9.13E+00	7.22E-01	0.00E+00	0.00E+00	3.90E-10	5.43E-01
418105	3.05E-03	2.84E-01	1.56E-03	2.86E-01	1.18E-06	0.00E+00	3.60E+02	6.18E-05	1.80E-04	2.40E-03	2.67E-04	1.57E+00	1.97E-07	3.85E-08	3.45E+00	1.48E-01	3.43E-04	1.04E-02	6.89E-03	9.97E-02	4.28E+00	6.75E-01	5.23E-07	2.12E-08	7.96E-04	4.98E-05	2.67E-01	9.77E-02	4.84E+00	2.41E-05	4.84E+00	5.26E+00	3.55E-01	0.00E+00	0.00E+00	3.90E-10	2.62E-01
418109	3.30E-03	2.92E-01	1.67E-03	2.95E-01	1.51E-06	0.00E+00	3.34E+02	5.63E-05	2.14E-04	2.46E-03	2.82E-04	1.74E+00	1.89E-07	4.24E-08	3.64E+00	1.53E-01	3.51E-04	1.06E-02	6.90E-03	9.98E-02	4.33E+00	6.75E-01	5.31E-07	2.20E-08	8.99E-04	4.26E-05	2.78E-01	1.11E-01	4.94E+00	4.61E-05	4.94E+00	5.41E+00	3.56E-01	0.00E+00	0.00E+00	3.90E-10	2.61E-01
418802	3.15E-03	2.72E-01	-5.51E-03	2.78E-01	7.96E-07	0.00E+00	3.31E+02	3.73E-05	2.21E-04	2.43E-03	3.00E-04	1.76E+00	5.64E-08	3.83E-08	3.55E+00	1.05E-01	4.02E-04	5.38E-03	5.79E-03	9.18E-02	4.34E+00	6.89E-01	4.87E-08	2.05E-08	9.03E-04	4.21E-05	2.47E-01	1.37E-01	5.07E+00	4.60E-05	5.07E+00	5.45E+00	3.46E-01	0.00E+00	0.00E+00	3.90E-10	2.51E-01
418805	3.25E-03	2.82E-01	-3.86E-03	2.88E-01	1.10E-06	0.00E+00	3.60E+02	6.19E-05	2.15E-04	2.43E-03	2.84E-04	1.60E+00	2.02E-07	3.90E-08	3.47E+00	1.55E-01	3.59E-04	1.07E-02	6.95E-03	9.86E-02	4.31E+00	6.65E-01	5.27E-07	2.14E-08	8.97E-04	4.91E-05	2.67E-01	1.17E-01	4.91E+00	2.45E-05	4.91E+00	5.38E+00	3.56E-01	0.00E+00	0.00E+00	3.90E-10	2.67E-01

418806	3.37E-03	2.98E-01	2.70E-03	2.99E-01	1.07E-06	0.00E+00	3.21E+02	5.48E-05	2.16E-04	2.43E-03	2.82E-04	1.48E+00	1.61E-07	3.84E-08	3.99E+00	1.48E-01	3.68E-04	1.03E-02	6.94E-03	1.06E-01	4.38E+00	6.63E-01	5.26E-07	2.27E-08	1.03E-03	4.18E-05	2.79E-01	7.08E-02	5.08E+00	2.91E-05	5.08E+00	5.49E+00	3.33E-01	0.00E+00	0.00E+00	3.90E-10	2.65E-01
418808	3.32E-03	2.94E-01	1.67E-03	2.96E-01	5.71E-07	0.00E+00	3.28E+02	5.50E-05	2.17E-04	2.48E-03	2.85E-04	1.47E+00	1.94E-07	3.84E-08	3.47E+00	1.50E-01	3.71E-04	1.04E-02	6.92E-03	9.99E-02	4.37E+00	6.86E-01	5.29E-07	2.21E-08	9.11E-04	4.17E-05	2.75E-01	1.11E-01	5.01E+00	2.88E-05	5.01E+00	5.47E+00	3.56E-01	0.00E+00	0.00E+00	3.90E-10	2.57E-01
418809	3.33E-03	2.80E-01	-4.74E-03	2.85E-01	9.76E-07	0.00E+00	3.36E+02	5.58E-05	2.16E-04	2.47E-03	2.85E-04	1.76E+00	1.93E-07	4.28E-08	3.61E+00	1.55E-01	3.69E-04	1.05E-02	6.87E-03	9.81E-02	4.33E+00	6.69E-01	5.31E-07	2.20E-08	9.10E-04	4.18E-05	2.77E-01	1.27E-01	4.91E+00	4.65E-05	4.91E+00	5.41E+00	3.58E-01	0.00E+00	0.00E+00	3.90E-10	2.53E-01
418858	3.31E-03	2.87E-01	-4.79E-03	2.92E-01	4.64E-07	0.00E+00	3.30E+02	5.41E-05	2.16E-04	2.48E-03	2.95E-04	1.36E+00	1.95E-07	3.70E-08	3.44E+00	1.51E-01	3.94E-04	1.04E-02	5.97E-03	1.00E-01	4.37E+00	6.95E-01	5.25E-07	2.16E-08	9.14E-04	4.09E-05	2.76E-01	1.22E-01	4.98E+00	2.82E-05	4.98E+00	5.44E+00	3.57E-01	0.00E+00	0.00E+00	3.90E-10	2.55E-01
418902	3.12E-03	2.74E-01	-5.25E-03	2.78E-01	7.96E-07	0.00E+00	3.28E+02	3.72E-05	2.06E-04	2.35E-03	2.85E-04	1.81E+00	5.63E-08	3.93E-08	3.61E+00	1.07E-01	3.72E-04	5.38E-03	6.60E-03	9.18E-02	4.26E+00	6.63E-01	1.05E-07	2.04E-08	8.80E-04	4.17E-05	2.45E-01	1.27E-01	4.89E+00	4.64E-05	4.89E+00	5.29E+00	3.44E-01	0.00E+00	0.00E+00	3.90E-10	2.51E-01
418905	3.18E-03	2.68E-01	2.17E-03	2.66E-01	3.39E-08	0.00E+00	3.31E+02	6.79E-05	2.19E-04	2.51E-03	2.74E-04	1.53E+00	2.24E-07	3.57E-08	3.37E+00	1.93E-01	3.70E-04	1.03E-02	6.42E-03	9.07E-02	4.36E+00	6.58E-01	4.27E-08	2.11E-08	8.83E-04	3.01E-05	3.41E-01	1.08E-01	5.01E+00	2.30E-05	5.01E+00	5.46E+00	4.50E-01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
418906	3.30E-03	2.97E-01	2.56E-03	2.96E-01	7.96E-07	0.00E+00	3.28E+02	5.55E-05	2.16E-04	2.48E-03	2.84E-04	1.44E+00	1.93E-07	3.85E-08	3.46E+00	1.53E-01	3.68E-04	1.04E-02	6.94E-03	1.01E-01	4.39E+00	6.86E-01	5.28E-07	2.20E-08	9.11E-04	4.17E-05	2.79E-01	1.08E-01	5.01E+00	2.86E-05	5.01E+00	5.47E+00	3.56E-01	0.00E+00	0.00E+00	3.90E-10	2.57E-01
418909	3.30E-03	2.97E-01	2.56E-03	2.96E-01	1.61E-06	0.00E+00	3.34E+02	5.68E-05	2.16E-04	2.46E-03	2.84E-04	1.75E+00	1.93E-07	4.28E-08	3.62E+00	1.55E-01	3.55E-04	1.06E-02	6.93E-03	1.00E-01	4.35E+00	6.75E-01	5.31E-07	2.19E-08	9.07E-04	4.26E-05	2.81E-01	1.08E-01	4.96E+00	4.62E-05	4.96E+00	5.45E+00	3.56E-01	0.00E+00	0.00E+00	3.90E-10	2.61E-01
419005	3.31E-03	2.79E-01	-3.00E-02	2.84E-01	6.90E-07	0.00E+00	3.65E+02	6.22E-05	2.34E-04	2.58E-03	3.01E-04	1.62E+00	2.31E-07	4.07E-08	3.68E+00	1.74E-01	4.14E-04	1.21E-02	6.21E-03	1.06E-01	4.37E+00	6.90E-01	5.33E-07	2.18E-08	8.55E-04	6.29E-05	3.73E-01	6.66E-01	5.06E+00	6.94E-05	5.06E+00	5.43E+00	5.16E-01	0.00E+00	0.00E+00	3.90E-10	2.77E-01
4211	7.28E-03	1.14E+00	-3.10E-02	1.11E+00	1.03E-04	0.00E+00	2.60E+02	3.65E-05	1.08E-03	1.05E-02	1.60E-03	2.81E+00	2.26E-07	9.18E-08	7.31E+00	4.63E-01	2.15E-03	2.09E-02	2.44E-02	3.36E-01	2.40E+01	5.48E+00	1.08E-07	7.65E-08	3.33E-03	1.52E-04	1.17E+00	7.34E-01	2.57E+01	1.15E-04	2.58E+01	2.71E+01	2.03E+00	0.00E+00	0.00E+00	1.04E-06	1.15E+00
421109	6.75E-03	1.03E+00	-3.19E-02	1.06E+00	1.11E-04	0.00E+00	2.54E+02	3.96E-05	8.15E-04	8.47E-03	1.57E-03	2.81E+00	2.25E-07	9.13E-08	6.90E+00	4.77E-01	2.10E-03	2.03E-02	2.41E-02	3.27E-01	2.38E+01	5.55E+00	1.10E-07	7.66E-08	3.01E-03	1.53E-04	1.19E+00	7.34E-01	2.54E+01	1.14E-04	2.53E+01	2.68E+01	2.04E+00	0.00E+00	0.00E+00	1.64E-06	1.17E+00
4212	1.23E-02	1.48E+00	-3.03E-02	1.33E+00	1.13E-04	0.00E+00	2.74E+02	6.40E-05	1.21E-03	1.29E-02	1.76E-03	2.72E+00	2.48E-07	1.11E-07	8.70E+00	4.89E-01	2.74E-03	2.61E-02	3.70E-02	3.32E-01	2.66E+01	5.68E+00	1.02E-07	7.72E-08	4.96E-03	1.51E-04	1.31E+00	7.82E-01	3.17E+01	1.15E-04	3.18E+01	3.45E+01	2.28E+00	0.00E+00	0.00E+00	1.04E-06	2.06E+00
421209	1.18E-02	1.33E+00	-1.28E-02	1.26E+00	1.03E-04	0.00E+00	2.44E+02	4.48E-05	1.21E-03	1.26E-02	1.69E-03	2.77E+00	2.24E-07	9.33E-08	7.29E+00	4.49E-01	2.34E-03	2.67E-02	3.29E-02	3.22E-01	2.66E+01	5.52E+00	1.08E-07	7.47E-08	4.89E-03	1.47E-04	1.17E+00	4.62E-01	2.90E+01	6.45E-05	2.92E+01	3.11E+01	1.99E+00	0.00E+00	0.00E+00	1.04E-06	1.68E+00
4216	6.23E-03	7.80E-01	-1.18E-02	8.21E-01	2.92E-05	0.00E+00	8.28E+01	4.44E-05	5.67E-04	6.04E-03	8.25E-04	1.47E+00	1.71E-07	3.42E-08	2.81E+00	1.96E-01	1.43E-03	3.25E-02	4.44E-02	2.54E-01	2.31E+01	1.98E+00	7.11E-07	3.91E-08	2.02E-03	1.16E-04	7.95E-01	5.28E-01	2.51E+01	2.54E-05	2.53E+01	2.62E+01	1.34E+00	0.00E+00	0.00E+00	1.41E-04	1.91E+00
421601	6.43E-03	8.25E-01	-3.26E-02	8.47E-01	2.89E-05	0.00E+00	7.68E+01	3.78E-05	5.63E-04	6.20E-03	7.94E-04	1.47E+00	1.71E-07	3.95E-08	2.56E+00	1.97E-01	1.37E-03	3.26E-02	4.26E-02	2.57E-01	2.30E+01	2.06E+00	6.92E-07	3.77E-08	2.16E-03	1.06E-04	7.86E-01	6.10E-01	2.49E+01	2.33E-05	2.50E+01	2.60E+01	1.28E+00	0.00E+00	0.00E+00	1.14E-03	1.85E+00
421609	4.12E-03	6.42E-01	-1.78E-02	6.59E-01	3.04E-05	0.00E+00	5.75E+01	4.77E-05	4.61E-04	4.87E-03	1.01E-03	1.21E+00	1.67E-07	3.08E-08	2.88E+00	2.18E-01	1.37E-03	2.95E-02	4.69E-02	2.71E-01	2.36E+01	2.12E+00	6.61E-08	2.78E-08	1.80E-03	1.42E-04	3.30E-01	5.31E-01	2.57E+01	2.06E-05	2.57E+01	2.66E+01	8.61E-01	0.00E+00	0.00E+00	0.00E+00	2.01E+00
470049	6.72E-03	7.45E-01	-1.66E-02	7.61E-01	4.57E-06	0.00E+00	1.06E+01	4.74E-05	6.72E-04	7.14E-03	9.80E-04	1.35E+00	2.02E-07	3.07E-08	4.90E+00	1.18E-01	1.33E-03	7.51E-03	2.02E-02	3.65E-01	1.30E+01	2.84E+00	2.48E-07	4.04E-08	2.86E-03	2.01E-04	4.15E-01	8.11E-01	1.59E+01	1.91E-05	1.59E+01	1.71E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-01
47063512	3.35E-03	3.55E-01	-2.04E-02	3.82E-01	3.19E-06	0.00E+00	2.76E+02	4.93E-05	3.41E-04	3.79E-03	7.79E-04	9.84E-01	1.56E-07	3.11E-08	4.89E+00	1.45E-01	9.95E-04	1.06E-02	3.84E-02	1.17E-01	6.51E+00	1.84E+00	4.25E-08	2.08E-08	1.24E-03	4.09E-05	3.72E-01	4.77E-01	8.88E+00	1.25E-04	8.88E+00	9.73E+00	8.47E-01	0.00E+00	0.00E+00	0.00E+00	1.69E+00
47063515	2.95E-03	3.44E-01	-2.11E-02	3.65E-01	3.12E-06	0.00E+00	2.54E+02	4.83E-05	3.15E-04	3.42E-03	6.29E-04	9.48E-01	1.44E-07	2.69E-08	3.32E+00	1.42E-01	8.50E-04	9.01E-03	4.15E-02	1.24E-01	5.54E+00	1.84E+00	1.51E-08	1.96E-08	1.11E-03	1.76E-05	3.13E-01	3.68E-01	7.38E+00	1.50E-04	7.38E+00	8.06E+00	6.81E-01	0.00E+00	0.00E+00	0.00E+00	1.78E+00
47063522	3.00E-03	3.20E-01	-4.35E-02	3.64E-01	2.70E-08	0.00E+00	2.55E+02	4.85E-05	3.36E-04	3.58E-03	7.46E-04	9.48E-01	1.46E-07	2.69E-08	4.77E+00	1.34E-01	1.01E-03	9.15E-03	4.15E-02	1.23E-01	5.49E+00	1.77E+00	1.46E-08	2.00E-08	1.11E-03	1.91E-05	2.79E-01	6.38E-01	7.26E+00	1.64E-05	7.26E+00	8.17E+00	9.16E-01	0.00E+00	0.00E+00	0.00E+00	1.78E+00
47063525	2.79E-03	3.16E-01	-2.84E-02	3.44E-01	2.48E-08	0.00E+00	2.54E+02	4.42E-05	3.07E-04	3.30E-03	6.52E-04	8.77E-01	1.34E-07	2.52E-08	3.17E+00	1.21E-01	8.81E-04	8.40E-03	4.12E-02	1.12E-01	5.23E+00	1.73E+00	1.37E-08	1.87E-08	1.04E-03	1.56E-05	2.69E-01	4.55E-01	6.96E+00	1.53E-05	6.96E+00	7.68E+00	7.24E-01	0.00E+00	0.00E+00	0.00E+00	1.77E+00
47063532	3.46E-03	3.60E-01	-2.42E-02	4.10E-01	3.13E-06	0.00E+00	2.89E+02	5.00E-05	3.62E-04	3.97E-03	8.24E-04	1.00E+00	1.57E-07	3.30E-08	4.93E+00	1.46E-01	1.06E-03	8.40E-03	3.82E-02	1.25E-01	6.89E+00	1.96E+00	4.14E-08	2.15E-08	1.26E-03	4.70E-05	3.99E-01	4.95E-01	9.34E+00	1.18E-04	9.37E+00	1.02E+01	8.81E-01	0.00E+00	0.00E+00	2.13E-04	1.69E+00
47063535	2.79E-03	3.32E-01	-2.72E-02	3.59E-01	2.34E-06	0.00E+00	2.83E+02	4.95E-05	3.02E-04	3.29E-03	7.02E-04	9.50E-01	1.45E-07	2.92E-08	3.35E+00	1.43E-01	9.50E-04	7.39E-03	4.15E-02	1.11E-01	6.20E+00	1.88E+00	1.59E-08	1.91E-08	1.06E-03	2.46E-05	3.75E-01	4.60E-01	8.08E+00	1.16E-04	8.08E+00	8.91E+00	8.35E-01	0.00E+00	0.00E+00	0.00E+00	1.78E+00
47081909	9.84E-03	1.24E+00	-4.18E-02	1.28E+00	2.54E-05	0.00E+00	7.73E+02	1.70E-05	9.24E-04	9.66E-03	1.63E-03	5.26E+00	3.51E-07	1.09E-07	9.62E+00	9.27E-02	2.20E-03	1.89E-03	1.68E-02	6.99E-01	1.95E+01	2.86E+00	8.95E-07	1.11E-07	3.44E-03	5.95E-04	1.02E+00	1.00E+00	2.23E+01	8.70E-05	2.23E+01	2.44E+01	2.02E+00	0.00E+00	0.00E+00	8.64E-06	7.23E-01
47086084	8.09E-03	1.10E+00	-3.31E-02	1.12E+00	2.00E-05	0.00E+00	4.74E+02	3.50E-05	9.34E-04	9.67E-03	1.65E-03	2.75E+00	2.45E-07	8.22E-08	8.75E+00	1.43E-01	2.24E-03	1.13E-02	3.36E-02	4.97E-01	1.95E+01	3.62E+00	8.81E-07	6.92E-08	3.36E-03	2.03E-04	1.07E+00	7.37E-01	2.35E+01	8.63E-05	2.35E+01	2.54E+01	2.00E+00	0.00E+00	0.00E+00	6.91E-06	1.25E+00
47086086	3.72E-03	3.56E-01	-3.39E-02	3.77E-01	2.43E-05	0.00E+00	2.53E+02	4.36E-05	2.43E-04	2.78E-03	4.03E-04	1.62E+00	2.02E-07	4.93E-08	5.06E+00	1.70E-01	5.52E-04	8.22E-03	2.44E-02	1.61E-01	5.16E+00	8.90E-01	8.34E-07	2.63E-08	9.24E-04	2.04E-04	4.54E-01	6.35E-01	6.07E+00	7.80E-05	6.07E+00	6.77E+00	7.74E-01	0.00E+00	0.00E+00	6.91E-06	7.09E-01
47086089	8.62E-03	1.14E+00	-2.73E-02	1.16E+00	2.04E-05	0.00E+00	5.80E+02	2.92E-05	8.66E-04	9.15E-03	1.60E-03	2.65E+00	2.61E-07	5.56E-08	6.32E+00	1.25E-01	2.18E-03	8.30E-03	2.14E-02	5.75E-01	1.96E+01	3.36E+00	8.89E-07	7.13E-08	3.44E-03	3.27E-04	1.06E+00	6.63E-01	2.36E+01	8.30E-05	2.37E+01	2.51E+01	2.07E+00	0.00E+00	0.00E+00	6.91E-06	9.21E-01
47087003	7.69E-03	1.13E+00	-9.73E-03	1.15E+00	2.07E-05	0.00E+00	5.09E+02	3.34E-05	8.48E-04	8.66E-03	1.53E-03	2.53E+00	2.40E-07	4.58E-08	5.83E+00	1.31E-01	2.08E-03	9.16E-03	2.29E-02	5.03E-01	1.96E+01	3.59E+00	8.81E-07	6.61E-08	3.27E-03	2.68E-04	1.13E+00	3.30E-01	2.33E+01	3.68E-05	2.33E+01	2.47E+01	1.99E+00	0.00E+00	0.00E+00	6.91E-06	1.03E+00
47087006	8.55E-03	1.11E+00	-3.27E-02	1.11E+00	2.02E-05	0.00E+00	4.73E+02	3.37E-05	9.63E-04	1.04E-02	1.66E-03	2.75E+00	2.42E-07	8.48E-08	8.80E+00	1.44E-01	2.28E-03	1.00E-02	3.15E-02	5.00E-01	1.93E+01	3.61E+00	8.80E-07	6.89E-08	3.58E-03	2.79E-04	1.06E+00	7.37E-01	2.35E+01	7.23E-05	2.36E+01	2.55E+01	2.01E+00	0.00E+00	0.00E+00	6.91E-06	1.09E+00
47087009	8.44E-03	1.14E+00	-3.25E-02	1.15E+00	2.04E-05	0.00E+00	5.90E+02	2.92E-05	9.70E-04	1.04E-02	1.67E-03	2.75E+00	2.54E-07	8.49E-08	8.87E+00	1.36E-01	2.29E-03	1.10E-02	2.17E-02	5.11E-01	1.94E+01	3.40E+00	8.75E-07	7.37E-08	3.50E-03	2.83E-04	1.03E+00	7.40E-01	2.37E+01	7.22E-05	2.37E+01	2.56E+01	2.00E+00	0.00E+00	0.00E+00	6.91E-06	9.34E-01
47088982	9.53E-03	1.22E+00	-3.24E-02	1.22E+00	2.05E-05	0.00E+00	6.62E+02	2.74E-05	1.14E-03	1.09E-02	1.65E-03	4.04E+00	2.75E-07	9.14E-08	9.06E+00	1.26E-01	2.23E-03	8.07E-03	1.95E-02	6.16E-01	2.31E+01	3.30E+00	8.84E-07	8.88E-08	3.42E-03	3.61E-04	1.03E+00	7.37E-01	2.44E+01	9.59E-05	2.44E+01	2.62E+01	1.92E+00	0.00E+00	0.00E+00	6.91E-06	8.77E-01
47088989	9.72E-03	1.22E+00	-4.46E-02	1.26E+00	2.54E-05	0.00E+00	7.74E+02	1.71E-05	9.11E-04	9.54E-03	1.63E-03	5.26E+00	3.51E-07	1.09E-07	8.94E+00	9.14E-02	2.20E-03	1.89E-03	1.68E-02	6.72E-01	1.93E+01	2.85E+00	8.95E-07	1.10E-07	3.38E-03	5.76E-04	1.01E+00	1.00E+00	2.21E+01	8.70E-05	2.21E+01	2.41E+01	2.01E+00	0.00E+00	0.00E+00	8.64E-06	7.20E-01
471020	6.53E-03	1.06E+00	-1.71E-02	1.08E+00	1.09E-04	0.00E+00	7.79E+01	2.18E-05	6.91E-04	7.63E-03	1.33E-03	2.32E+00	2.20E-08	4.19E-08	3.68E+00	3.82E-01	1.81E-03	5.42E-03	6.69E-03	6.79E-01	1.58E+01	3.52E+00	1.81E-06	5.46E-08	2.74E-03	3.69E-04	9.83E-01	5.94E-01	1.93E+01	2.74E-03	1.93E+01	2.09E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-01
471040	1.29E-02	1.96E+00	-3.65E-02	2.00E+00	1.81E-04	0.00E+00	1.44E+02	4.20E-05	1.32E-03	1.45E-02	2.51E-03	4.67E+00	4.35E-08	8.01E-08	7.06E+00	6.50E-01	3.40E-03	1.03E-02	1.29E-02	1.18E+00	2.96E+01	6.25E+00	3.28E-06	1.11E-07	5.32E-03	6.34E-04	1.69E+00	1.14E+00	3.59E+01	5.38E-03	3.59E+01	3.87E+01	2.84E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-01
471060	1.74E-02	2.68E+00	-3.17E-02	2.71E+00	2.12E-04	0.00E+00	2.07E+02	6.05E-05	1.81E-03	2.01E-02	3.48E-03	7.04E+00	6.41E-08	1.11E-07	1.02E+01	7.95E-01	4.71E-03	1.49E-02	1.85E-02	1.44E+00	4.08E+01	7.83E+00	4.74E-06	1.64E-07	7.49E-03	7.70E-04	2.29E+00	1.28E+00	4.86E+01	7.97E-03	4.86E+01	5.22E+01	3.57E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-01
4715	4.47E-03	6.90E-01	-2.60E-02	7.16E-01	3.18E-05	0.00E+00	6.03E+00	4.12E-05	5.25E-04	5.71E-03	1.01E-03	1.03E+00	1.44E-07	2.40E-08	2.56E+00	2.04E-01	1.37E-03	3.04E-02	4.97E-02	2.90E-01	2.38E+01	2.10E+00	6.43E-08	2.89E-08	1.96E-03	1.33E-04	5.19E-01	6.18E-01	2.59E+01	1.81E-05	2.59E+01	2.70E+01	1.14E+00	0.00E+00	0.00E+00	0.00E+00	2.13E+00
471501	5.50E-03	7.02E-01	-2.59E-02	7.28E-01	3.18E-05	0.00E+00	6.30E+00	4.48E-05	5.43E-04	5.90E-03	1.02E-03	1.05E+00	1.46E-07	4.49E-08	2.58E+00	2.15E-01	1.37E-03	3.10E-02	4.59E-02	2.66E-01	2.40E+01	2.14E+00	7.08E-08	2.93E-08	2.03E-03	1.34E-04	4.56E-01	6.18E-01	2.62E+01	1.81E-05	2.62E+01	2.72E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00
471509	5.45E-03	6.97E-01	-1.86E-02	7.16E-01	3.17E-05	0.00E+00	6.10E+00	4.47E-05	5.28E-04	5.77E-03	9.53E-04	1.05E+00	1.45E-07	4.48E-08	2.55E+00	2.15E-01	1.29E-03	3.09E-02	4.59E-02	2.69E-01	2.38E+01	2.04E+00	7.07E-08	2.91E-08	2.00E-03	1.37E-04	4.76E-01	5.25E-01	2.59E+01	1.81E-05	2.59E+01	2.69E+01	1.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00
47157003	5.22E-03	7.43E-01	-1.56E-02	7.59E-01	2.38E-05	0.00E+00	5.92E+00	4.49E-05	5.34E-04	5.71E-03	8.28E-04	1.02E+00	1.54E-07	2.74E-08	2.72E+00	1.88E-01	1.12E-03	3.85E-02	4.70E-02	5.10E-01	2.42E+01	1.36E+00	8.67E-08	3.35E-08	2.05E-03	3.27E-04	3.28E-01	5.05E-01	2.55E+01	1.81E-05	2.55E+01	2.64E+01	8.33E-01	0.00E+00	0.00E+00	0.00E+00	2.02E+00
47157004	8.41E-03	1.28E+00	-2.84E-02	1.31E+00	2.38E-05	0.00E+00	5.61E+00	4.10E-05	1.06E-03	1.14E-02	9.45E-04	9.36E-01	1.46E-07	2.40E-08	2.54E+00	1.78E-01	1.28E-03	5.42E-02	5.33E-02	4.97E-01	3.26E+01	1.37E+00	6.03E-08	4.63E-08	3.55E-03	7.97E-05	4.69E-01	6.04E-01	3.40E+01	1.81E-05	3.40E+01	3.50E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
47157006	4.17E-03	5.82E-01	-2.15E-02	6.04E-01	5.19E-06	0.00E+00	5.49E+00	4.40E-05	4.51E-04	4.81E-03	7.86E-04	1.01E+00	1.53E-07	2.48E-08	3.45E+00	1.36E-01	1.06E-03	3.02E-02	4.63E-02	1.75E-01	2.21E+01	1.50E+00	6.39E-08	2.45E-08	1.83E-03	7.37E-05	2.16E-01	5.01E-01	2.36E+01	1.78E-05	2.36E+01	2.43E+01	7.17E-01	0.00E+00	0.00E+00	0.00E+00	1.99E+00
47157009	3.95E-03	5.49E-01	-2.15E-02	5.71E-01	5.19E-06	0.00E+00	5.12E+00	4.40E-05	4.30E-04	4.57E-03	7.86E-04	1.00E+00	1.53E-07	2.46E-08	3.45E+00	1.36E-01	1.06E-03	3.02E-02	4.61E-02	1.72E-01	2.13E+01	1.49E+00	5.91E-08	2.33E-08	1.65E-03	7.01E-05	2.16E-01	5.01E-01	2.28E+01	1.78E-05	2.28E+01	2.36E+01	7.16E-01	0.00E+00	0.00E+00	0.00E+00	1.98E+00
47157013	4.57E-03	5.99E-01	-2.15E-02	6.37E-01	4.85E-06	0.00E+00	5.77E+00	4.41E-05	4.56E-04	4.87E-03	6.66E-04	1.29E+00	1.52E-07	3.19E-08	3.41E+00	1.36E-01	1.10E-03	3.09E-02	4.67E-02	1.81E-01	2.20E+01	1.47E+00	2.00E-07	2.50E-08	1.75E-03	1.07E-04	2.75E-01	5.03E-01	2.33E+01	1.86E-05	2.33E+01	2.41E+01	7.48E-01	0.00E+00	0.00E+00	7.67E-08	2.00E+00
47157014	4.72E-03	6.19E-01	-2.66E-02	6.61E-01	5.47E-06	0.00E+00	6.53E+00	4.44E-05	4.76E-04	5.11E-03	8.34E-04	1.29E+00	1.52E-07	4.43E-08	3.77E+00	1.40E-01	1.13E-03	3.10E-02	4.70E-02	1.83E-01	2.27E+01	1.45E+00	2.00E-07	2.60E-08	1.86E-03	9.29E-05	3.27E-01	5.11E-01	2.40E+01	1.87E-05	2.40E+01	2.50E+01	9.18E-01	0.00E+00	0.00E+00	7.67E-08	2.02E+00
47157015	4.65E-03	6.02E-01	-2.17E-02	6.37E-01	5.49E-06	0.00E+00	5.78E+00	4.43E-05	4.56E-04	4.88E-03	7.35E-04	1.30E+00	1.52E-07	4.44E-08	3.45E+00	1.40E-01	1.10E-03	3.10E-02	4.68E-02	1.79E-01	2.22E+01	1.45E+00	2.00E-07	2.51E-08	1.76E-03	8.84E-05	2.78E-01	5.01E-01	2.35E+01	1.87E-05	2.35E+01	2.42E+01	7.55E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47157113	4.71E-03	6.17E-01	-2.15E-02	6.47E-01	4.95E-06	0.00E+00	6.13E+00	4.43E-05	4.62E-04	4.92E-03	8.22E-04	1.29E+00	1.53E-07	3.21E-08	3.45E+00	1.36E-01	1.12E-03	3.09E-02	4.67E-02	1.82E-01	2.23E+01	1.49E+00	2.00E-07	2.52E-08	1.78E-03	1.08E-04	2.76E-01	5.05E-01	2.38E+01	1.86E-05	2.38E+01	2.49E+01	7.57E-01	0.00E+00	0.00E+00	7.67E-08	2.00E+00
47157114	4.86E-03	5.97E-01	-2.17E-02	6.32E-01	5.64E-06	0.00E+00	5.99E+00	4.43E-05	4.58E-04	4.89E-03	7.96E-04	1.29E+00	1.53E-07	4.45E-08	3.53E+00	1.34E-01	1.08E-03	3.10E-02	4.69E-02	1.68E-01	2.24E+01	1.37E+00	2.00E-07	2.53E-08	1.76E-03	8.12E-05	2.76E-01	5.01E-01	2.37E+01	1.87E-05	2.37E+01	2.48E+01	7.44E-01	0.00E+00	0.00E+00	7.67E-08	2.02E+00
47157115	4.77E-03	6.18E-01	-2.17E-02	6.44E-01	5.64E-06	0.00E+00	6.08E+00	4.43E-05	4.61E-04	4.93E-03	7.35E-04	1.30E+00	1.52E-07	4.45E-08	3.44E+00	1.40E-01	1.10E-03	3.10E-02	4.68E-02	1.79E-01	2.25E+01	1.48E+00	2.00E-07	2.52E-08	1.79E-03	8.84E-05	2.79E-01	5.01E-01	2.39E+01	1.87E-05	2.39E+01	2.50E+01	7.62E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
4716	6.16E-03	7.59E-01	-1.21E-02	7.98E-01	2.95E-05	0.00E+00	6.18E+01	4.64E-05	5.68E-04	6.02E-03	8.85E-04	1.45E+00	1.71E-07	3.29E-08	3.03E+00	2.04E-01	1.37E-03	3.27E-02	4.50E-02	2.97E-01	2.33E+01	2.01E+00	7.11E-07	3.94E-08	2.05E-03	1.36E-04	7.71E-01	5.19E-01	2.56E+01	2.62E-05	2.57E+01	2.68E+01	1.33E+00	0.00E+00	0.00E+00	1.41E-04	1.93E+00
471601	6.39E-03	7.95E-01	-1.20E-02	8.31E-01	2.90E-05	0.00E+00	5.50E+01	4.78E-05	5.92E-04	6.38E-03	8.78E-04	1.45E+00	1.71E-07	3.85E-08	3.03E+00	2.05E-01	1.34E-03	3.29E-02	4.36E-02	2.96E-01	2.34E+01	1.92E+00	7.01E-07	4.04E-08	2.17E-03	1.36E-04	7.63E-01	5.13E-01	2.56E+01	2.57E-05	2.57E+01	2.68E+01	1.33E+00	0.00E+00	0.00E+00	1.41E-04	1.86E+00
471609	4.40E-03	6.71E-01	-1.85E-02	6.89E-01	3.04E-05	0.00E+00	5.74E+01	4.70E-05	4.98E-04	5.25E-03	9.77E-04	1.21E+00	1.68E-07	3.03E-08	2.86E+00	2.15E-01	1.32E-03	3.12E-02	4.70E-02	2.89E-01	2.33E+01	2.10E+00	6.55E-08	2.91E-08	1.90E-03	1.36E-04	3.14E-01	5.28E-01	2.54E+01	2.07E-05	2.54E+01	2.62E+01	8.42E-01	0.00E+00	0.00E+00	0.00E+00	2.02E+00
4718	4.94E-03	7.06E-01	-2.21E-02	7.33E-01	3.21E-05	0.00E+00	5.39E+01	4.49E-05	5.43E-04	5.87E-03	1.12E-03	1.13E+00	1.58E-07	3.05E-08	3.08E+00	2.05E-01	1.70E-03	3.15E-02	4.76E-02	3.81E-01	1.90E+01	2.55E+00	1.14E-07	2.96E-08	1.98E-03	1.40E-04	5.70E-01	6.21E-01	2.42E+01	2.00E-05	2.43E+01	2.60E+01	1.24E+00	0.00E+00	0.00E+00	1.48E-03	2.04E+00
471801	5.68E-03	7.61E-01	-2.24E-02	7.93E-01	3.12E-05	0.00E+00	5.17E+01	4.85E-05	6.61E-04	8.10E-03	1.15E-03	1.10E+00	1.57E-07	3.72E-08	3.06E+00	2.07E-01	1.85E-03	3.14E-02	4.68E-02	3.63E-01	2.17E+01	2.43E+00	1.18E-07	3.82E-08	2.70E-03	1.36E-04	6.30E-01	6.42E-01	2.46E+01	2.10E-05	2.46E+01	2.59E+01	1.39E+00	0.00E+00	0.00E+00	1.30E-03	2.01E+00
471809	4.70E-03	7.85E-01	-1.46E-02	7.99E-01	3.17E-05	0.00E+00	7.07E+00	4.52E-05	5.79E-04	6.18E-03	1.17E-03	1.10E+00	1.54E-07	2.62E-08	2.86E+00	2.19E-01	1.59E-03	3.11E-02	4.76E-02	3.39E-01	2.49E+01	3.32E+00	6.59E-08	3.05E-08	2.17E-03	1.62E-04	4.64E-01	5.66E-01	2.82E+01	1.91E-05	2.82E+01	2.92E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	2.05E+00
4719	6.48E-03	8.11E-01	-1.21E-02	7.98E-01	3.35E-05	0.00E+00	5.60E+01	4.42E-05	6.14E-04	6.88E-03	8.89E-04	6.37E+00	1.55E-07	4.97E-08	2.92E+00	2.05E-01	1.34E-03	3.16E-02	4.76E-02	2.73E-01	2.58E+01	1.96E+00	7.62E-08	3.78E-08	2.09E-03	1.32E-04	3.24E+00	5.18E-01	2.70E+01	3.46E-04	2.71E+01	2.99E+01	3.44E+00	0.00E+00	0.00E+00	3.19E-04	2.04E+00
471909	6.48E-03	8.11E-01	-1.21E-02	7.98E-01	3.35E-05	0.00E+00	5.59E+01	4.42E-05	6.14E-04	6.88E-03	8.89E-04	6.37E+00	1.55E-07	4.97E-08	2.91E+00	2.05E-01	1.35E-03	3.15E-02	4.76E-02	2.73E-01	2.58E+01	1.98E+00	7.62E-08	3.76E-08	2.09E-03	1.32E-04	3.24E+00	5.20E-01	2.70E+01	3.46E-04	2.72E+01	2.99E+01	3.44E+00	0.00E+00	0.00E+00	3.19E-04	2.04E+00
47202045	9.45E-03	1.32E+00	-4.24E-02	1.28E+00	1.06E-05	0.00E+00	2.08E+02	7.81E-05	9.92E-04	1.04E-02	1.96E-03	2.71E+00	2.67E-07	5.18E-08	5.83E+00	2.47E-01	2.73E-03	5.79E-02	6.99E-02	3.97E-01	3.03E+01	4.17E+00	1.32E-07	6.17E-08	3.78E-03	1.63E-04	7.80E-01	8.82E-01	3.92E+01	4.80E-05	3.92E+01	4.01E+01	1.99E+00	0.00E+00	0.00E+00	3.90E-10	3.04E+00
47202089	9.60E-03	1.29E+00	-4.23E-02	1.28E+00	9.96E-06	0.00E+00	2.10E+02	7.67E-05	9.97E-04	1.05E-02	1.96E-03	2.70E+00	2.71E-07	5.24E-08	5.72E+00	2.36E-01	2.74E-03	5.73E-02	6.85E-02	3.99E-01	3.02E+01	4.16E+00	1.32E-07	6.32E-08	3.83E-03	2.90E-04	7.60E-01	8.86E-01	3.92E+01	4.78E-05	3.92E+01	4.02E+01	2.02E+00	0.00E+00	0.00E+00	3.90E-10	2.96E+00
47206084	9.50E-03	1.32E+00	-4.22E-02	1.29E+00	1.04E-06	0.00E+00	2.37E+02	7.93E-05	9.88E-04	1.06E-02	2.30E-03	2.54E+00	2.88E-07	5.24E-08	6.07E+00	2.42E-01	3.15E-03	5.83E-02	8.07E-02	4.66E-01	3.10E+01	6.13E+00	3.27E-07	6.52E-08	3.80E-03	2.53E-04	7.63E-01	9.36E-01	4.05E+01	4.61E-05	4.05E+01	4.19E+01	2.04E+00	0.00E+00	0.00E+00	3.90E-10	3.68E+00
47206086	9.49E-03	1.32E+00	-4.19E-02	1.29E+00	1.08E-06	0.00E+00	2.19E+02	7.97E-05	9.88E-04	1.06E-02	2.16E-03	2.55E+00	2.88E-07	5.20E-08	5.98E+00	2.39E-01	3.00E-03	5.83E-02	8.56E-02	4.66E-01	3.09E+01	4.15E+00	3.27E-07	6.54E-08	3.80E-03	2.53E-04	7.34E-01	9.36E-01	4.07E+01	4.61E-05	4.07E+01	4.19E+01	2.01E+00	0.00E+00	0.00E+00	3.90E-10	3.88E+00
47206089	1.16E-02	1.52E+00	-4.38E-02	1.56E+00	5.07E-08	0.00E+00	1.83E+02	8.28E-05	1.24E-03	1.32E-02	2.13E-03	1.89E+00	2.87E-07	4.83E-08	5.45E+00	2.22E-01	2.89E-03	6.00E-02	1.13E-01	5.12E-01	5.09E+01	4.14E+00	3.39E-07	6.74E-08	5.11E-03	2.65E-04	6.23E-01	1.36E+00	5.51E+01	3.88E-05	5.51E+01	5.71E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	4.85E+00
47206094	9.50E-03	1.32E+00	-1.67E-02	1.29E+00	1.13E-06	0.00E+00	2.25E+02	6.85E-05	9.89E-04	1.06E-02	2.14E-03	2.54E+00	2.22E-07	5.25E-08	5.82E+00	2.24E-01	2.90E-03	5.54E-02	8.10E-02	4.68E-01	3.10E+01	4.31E+00	3.27E-07	6.59E-08	3.83E-03	2.51E-04	8.31E-01	6.95E-01	4.05E+01	4.60E-05	4.04E+01	4.15E+01	2.04E+00	0.00E+00	0.00E+00	3.90E-10	3.49E+00
47206096	9.83E-03	1.35E+00	-4.19E-02	1.33E+00	1.12E-06	0.00E+00	2.29E+02	7.94E-05	1.00E-03	1.10E-02	2.30E-03	2.54E+00	2.92E-07	5.16E-08	5.85E+00	2.42E-01	3.15E-03	5.83E-02	8.77E-02	4.73E-01	3.15E+01	6.14E+00	3.28E-07	6.51E-08	4.08E-03	2.53E-04	7.67E-01	9.39E-01	4.38E+01	4.33E-05	4.37E+01	4.57E+01	2.07E+00	0.00E+00	0.00E+00	3.90E-10	3.90E+00
47206099	1.18E-02	1.53E+00	-4.30E-02	1.57E+00	5.39E-08	0.00E+00	1.84E+02	8.97E-05	1.25E-03	1.33E-02	2.14E-03	2.03E+00	3.09E-07	5.15E-08	5.35E+00	2.44E-01	2.90E-03	6.11E-02	1.07E-01	5.19E-01	5.11E+01	4.16E+00	3.43E-07	6.88E-08	5.16E-03	2.68E-04	6.19E-01	1.37E+00	5.53E+01	4.08E-05	5.53E+01	5.72E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	4.62E+00
47208982	9.61E-03	1.30E+00	-4.23E-02	1.28E+00	4.89E-07	0.00E+00	2.12E+02	7.58E-05	9.91E-04	1.07E-02	1.85E-03	2.71E+00	2.73E-07	5.12E-08	5.57E+00	2.30E-01	2.72E-03	5.80E-02	7.65E-02	4.37E-01	3.04E+01	4.18E+00	3.23E-07	6.55E-08	3.84E-03	2.48E-04	7.17E-01	9.23E-01	3.95E+01	3.74E-05	3.97E+01	4.05E+01	2.03E+00	0.00E+00	0.00E+00	3.90E-10	3.51E+00
47208989	1.11E-02	1.48E+00	-4.42E-02	1.52E+00	2.86E-08	0.00E+00	1.83E+02	5.80E-05	1.21E-03	1.28E-02	2.05E-03	1.89E+00	2.87E-07	4.65E-08	5.44E+00	1.69E-01	2.77E-03	5.65E-02	3.25E-02	5.02E-01	5.02E+01	4.07E+00	3.30E-07	6.44E-08	4.96E-03	2.59E-04	5.70E-01	1.35E+00	5.42E+01	3.70E-05	5.42E+01	5.61E+01	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+00
47209909	9.18E-03	1.20E+00	-4.26E-02	1.17E+00	6.78E-06	0.00E+00	2.04E+02	7.09E-05	9.85E-04	1.00E-02	1.73E-03	2.70E+00	2.45E-07	5.49E-08	5.16E+00	2.40E-01	2.35E-03	5.64E-02	6.02E-02	4.00E-01	2.74E+01	4.04E+00	1.13E-07	6.17E-08	3.79E-03	2.89E-04	7.64E-01	8.51E-01	3.48E+01	5.89E-05	3.49E+01	3.56E+01	1.91E+00	0.00E+00	0.00E+00	3.90E-10	2.47E+00
47209939	1.19E-02	1.42E+00	-4.25E-02	1.40E+00	1.01E-05	0.00E+00	1.96E+02	6.70E-05	1.23E-03	1.30E-02	1.70E-03	4.03E+00	2.75E-07	6.37E-08	5.02E+00	2.50E-01	2.28E-03	5.80E-02	5.48E-02	4.92E-01	4.22E+01	3.99E+00	1.27E-07	9.92E-08	4.69E-03	3.55E-04	8.24E-01	8.49E-01	4.35E+01	8.71E-05	4.33E+01	4.50E+01	1.90E+00	0.00E+00	0.00E+00	8.67E-05	2.46E+00
47209949	9.51E-03	1.30E+00	-4.36E-02	1.35E+00	9.70E-06	0.00E+00	1.78E+02	9.04E-05	1.04E-03	1.12E-02	1.87E-03	2.01E+00	3.08E-07	5.13E-08	5.78E+00	2.71E-01	2.53E-03	6.08E-02	9.32E-02	3.73E-01	4.63E+01	4.17E+00	1.34E-07	5.61E-08	3.92E-03	1.54E-04	7.68E-01	1.02E+00	5.05E+01	4.09E-05	5.05E+01	5.23E+01	1.79E+00	0.00E+00	0.00E+00	0.00E+00	4.00E+00
47228982	5.39E-03	6.95E-01	-2.60E-02	7.49E-01	1.34E-07	0.00E+00	4.14E+01	4.46E-05	5.52E-04	5.96E-03	9.66E-04	1.07E+00	1.59E-07	2.82E-08	3.29E+00	1.23E-01	1.30E-03	3.04E-02	5.10E-02	2.32E-01	2.54E+01	1.51E+00	8.75E-07	3.44E-08	2.18E-03	1.01E-04	4.22E-01	5.96E-01	2.71E+01	2.28E-05	2.71E+01	2.82E+01	9.39E-01	0.00E+00	0.00E+00	3.90E-10	2.18E+00
47228989	4.84E-03	6.91E-01	-2.01E-02	7.11E-01	2.70E-08	0.00E+00	4.14E+01	4.43E-05	5.16E-04	5.40E-03	8.91E-04	1.05E+00	1.59E-07	2.74E-08	2.71E+00	1.22E-01	1.21E-03	3.04E-02	5.13E-02	2.21E-01	2.32E+01	1.53E+00	8.71E-07	2.84E-08	2.12E-03	1.08E-04	1.48E-01	5.88E-01	2.47E+01	1.82E-05	2.47E+01	2.54E+01	7.37E-01	0.00E+00	0.00E+00	0.00E+00	2.20E+00
47229909	4.96E-03	6.67E-01	-1.73E-02	6.85E-01	3.09E-05	0.00E+00	3.96E+01	4.50E-05	4.65E-04	5.05E-03	8.33E-04	9.81E-01	1.49E-07	4.77E-08	2.60E+00	2.08E-01	1.13E-03	3.03E-02	4.54E-02	1.80E-01	2.27E+01	1.57E+00	8.06E-07	2.46E-08	1.79E-03	8.48E-05	3.44E-01	4.70E-01	2.43E+01	1.71E-05	2.43E+01	2.51E+01	8.14E-01	0.00E+00	0.00E+00	0.00E+00	1.95E+00
47229939	6.48E-03	8.09E-01	-2.28E-02	8.33E-01	3.45E-05	0.00E+00	4.60E+01	3.48E-05	6.59E-04	6.87E-03	8.06E-04	2.01E+00	1.55E-07	4.97E-08	3.35E+00	2.24E-01	1.18E-03	3.00E-02	3.89E-02	2.63E-01	2.53E+01	1.57E+00	7.71E-07	3.45E-08	2.79E-03	1.69E-04	3.53E-01	5.16E-01	2.69E+01	2.85E-05	2.69E+01	2.78E+01	9.32E-01	0.00E+00	0.00E+00	3.90E-10	1.96E+00
47229949	6.50E-03	8.09E-01	-2.29E-02	8.33E-01	3.44E-05	0.00E+00	4.64E+01	3.47E-05	6.62E-04	6.88E-03	8.11E-04	2.07E+00	1.56E-07	4.98E-08	3.37E+00	2.29E-01	1.20E-03	3.00E-02	3.92E-02	2.64E-01	2.53E+01	1.57E+00	7.72E-07	3.48E-08	2.81E-03	1.68E-04	3.56E-01	5.19E-01	2.69E+01	2.84E-05	2.69E+01	2.79E+01	9.30E-01	0.00E+00	0.00E+00	3.90E-10	1.96E+00
47231404	4.44E-03	6.37E-01	-2.18E-02	6.67E-01	4.66E-06	0.00E+00	4.36E+01	4.32E-05	4.61E-04	4.95E-03	6.58E-04	1.03E+00	1.55E-07	2.86E-08	2.94E+00	1.26E-01	1.10E-03	3.04E-02	4.63E-02	1.66E-01	2.21E+01	1.38E+00	7.98E-07	2.42E-08	1.75E-03	8.64E-05	3.00E-01	5.00E-01	2.34E+01	1.76E-05	2.34E+01	2.42E+01	7.85E-01	0.00E+00	0.00E+00	3.90E-10	2.00E+00
47231606	5.01E-03	6.42E-01	-2.34E-02	6.65E-01	4.66E-06	0.00E+00	3.95E+01	4.48E-05	4.71E-04	5.11E-03	7.82E-04	9.82E-01	1.50E-07	4.74E-08	3.76E+00	1.35E-01	1.06E-03	3.02E-02	4.54E-02	1.47E-01	2.22E+01	1.44E+00	8.05E-07	2.48E-08	1.79E-03	6.83E-05	2.97E-01	5.00E-01	2.37E+01	1.71E-05	2.37E+01	2.44E+01	7.97E-01	0.00E+00	0.00E+00	0.00E+00	1.95E+00
47231903	5.27E-03	6.83E-01	-2.15E-02	7.13E-01	8.85E-06	0.00E+00	4.33E+01	3.35E-05	4.86E-04	5.23E-03	5.91E-04	1.76E+00	1.51E-07	3.83E-08	3.51E+00	1.56E-01	9.24E-04	3.01E-02	3.89E-02	2.26E-01	2.23E+01	1.40E+00	8.10E-07	3.07E-08	1.90E-03	1.86E-04	2.84E-01	5.00E-01	2.37E+01	2.57E-05	2.37E+01	2.48E+01	7.82E-01	0.00E+00	0.00E+00	7.67E-08	1.95E+00
47231909	5.01E-03	6.41E-01	-2.22E-02	6.63E-01	4.66E-06	0.00E+00	3.95E+01	4.48E-05	4.72E-04	5.11E-03	7.82E-04	9.82E-01	1.50E-07	4.74E-08	3.76E+00	1.35E-01	1.06E-03	3.02E-02	4.54E-02	1.47E-01	2.22E+01	1.44E+00	8.05E-07	2.47E-08	1.79E-03	6.83E-05	2.99E-01	5.00E-01	2.37E+01	1.71E-05	2.37E+01	2.45E+01	7.99E-01	0.00E+00	0.00E+00	0.00E+00	1.95E+00
47231914	4.48E-03	6.31E-01	-2.20E-02	6.62E-01	5.40E-06	0.00E+00	4.37E+01	4.36E-05	4.59E-04	4.89E-03	7.91E-04	1.03E+00	1.55E-07	4.50E-08	2.99E+00	1.29E-01	1.08E-03	3.03E-02	4.63E-02	1.53E-01	2.23E+01	1.29E+00	8.00E-07	2.47E-08	1.73E-03	8.90E-05	2.95E-01	4.99E-01	2.35E+01	1.76E-05	2.35E+01	2.43E+01	7.71E-01	0.00E+00	0.00E+00	7.67E-08	2.02E+00
47231917	5.22E-03	6.16E-01	-2.17E-02	6.61E-01	5.16E-06	0.00E+00	1.92E+01	3.45E-05	4.85E-04	5.16E-03	6.35E-04	1.82E+00	1.46E-07	3.39E-08	3.54E+00	1.63E-01	8.89E-04	3.07E-02	4.06E-02	2.19E-01	2.23E+01	1.29E+00	8.20E-08	3.01E-08	2.00E-03	1.22E-04	2.66E-01	5.04E-01	2.35E+01	2.27E-05	2.35E+01	2.43E+01	7.34E-01	0.00E+00	0.00E+00	7.67E-08	2.04E+00
47231922	5.40E-03	6.71E-01	-2.16E-02	7.02E-01	9.40E-06	0.00E+00	4.31E+01	3.39E-05	4.87E-04	5.19E-03	6.24E-04	1.78E+00	1.51E-07	4.62E-08	3.54E+00	1.61E-01	8.94E-04	3.01E-02	3.92E-02	2.14E-01	2.26E+01	1.34E+00	8.12E-07	3.08E-08	1.96E-03	1.58E-04	2.88E-01	4.99E-01	2.40E+01	2.61E-05	2.39E+01	2.50E+01	7.78E-01	0.00E+00	0.00E+00	3.90E-10	1.97E+00
47232045	4.26E-03	6.15E-01	-2.29E-02	6.38E-01	4.66E-06	0.00E+00	3.90E+01	4.90E-05	4.38E-04	4.66E-03	7.80E-04	1.04E+00	1.59E-07	2.73E-08	3.88E+00	1.98E-01	1.06E-03	3.02E-02	5.20E-02	1.55E-01	2.19E+01	1.23E+00	8.04E-07	2.57E-08	1.71E-03	5.67E-05	2.23E-01	5.00E-01	2.32E+01	1.83E-05	2.32E+01	2.39E+01	7.23E-01	0.00E+00	0.00E+00	0.00E+00	2.23E+00
47232089	4.17E-03	6.30E-01	-2.97E-02	6.60E-01	4.65E-06	0.00E+00	3.86E+01	4.12E-05	4.66E-04	5.04E-03	8.18E-04	9.72E-01	1.49E-07	2.58E-08	3.77E+00	1.24E-01	1.11E-03	2.97E-02	4.92E-02	1.76E-01	2.21E+01	1.39E+00	7.98E-07	2.47E-08	1.75E-03	6.91E-05	3.75E-01	5.91E-01	2.35E+01	1.72E-05	2.35E+01	2.45E+01	9.66E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+00
47236003	5.14E-03	6.81E-01	-2.19E-02	7.07E-01	2.70E-07	0.00E+00	4.08E+01	4.40E-05	5.23E-04	5.47E-03	8.74E-04	1.43E+00	1.59E-07	3.79E-08	3.55E+00	1.25E-01	1.18E-03	3.03E-02	5.01E-02	2.18E-01	2.32E+01	1.43E+00	8.53E-07	3.05E-08	2.09E-03	1.02E-04	2.64E-01	5.93E-01	2.50E+01	3.60E-05	2.50E+01	2.61E+01	8.28E-01	0.00E+00	0.00E+00	7.67E-08	2.15E+00
47236022	5.08E-03	6.76E-01	-2.19E-02	6.96E-01	5.69E-07	0.00E+00	3.98E+01	4.42E-05	5.12E-04	5.39E-03	8.54E-04	1.45E+00	1.58E-07	3.75E-08	3.50E+00	1.30E-01	1.16E-03	3.03E-02	4.94E-02	1.84E-01	2.30E+01	1.42E+00	8.43E-07	2.91E-08	1.95E-03	8.96E-05	2.88E-01	5.15E-01	2.47E+01	3.60E-05	2.46E+01	2.57E+01	8.01E-01	0.00E+00	0.00E+00	3.90E-10	2.12E+00

47236084	7.23E-03	9.37E-01	-3.08E-02	9.67E-01	2.70E-08	0.00E+00	4.36E+01	4.50E-05	6.88E-04	7.39E-03	9.24E-04	1.02E+00	1.51E-07	4.85E-08	3.55E+00	1.25E-01	1.25E-03	3.04E-02	5.00E-02	2.06E-01	2.92E+01	1.57E+00	8.92E-07	3.70E-08	3.49E-03	1.28E-04	2.45E-01	6.78E-01	3.08E+01	1.71E-05	3.08E+01	3.17E+01	9.23E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+00
47236086	5.58E-03	6.87E-01	-3.12E-02	7.18E-01	2.70E-08	0.00E+00	4.09E+01	4.45E-05	5.24E-04	5.56E-03	8.82E-04	1.05E+00	1.60E-07	2.74E-08	3.49E+00	1.22E-01	1.19E-03	3.04E-02	4.97E-02	2.05E-01	2.35E+01	1.34E+00	8.53E-07	2.87E-08	2.16E-03	9.59E-05	2.46E-01	6.74E-01	2.48E+01	1.83E-05	2.48E+01	2.57E+01	9.20E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+00
47236089	5.48E-03	6.75E-01	-2.89E-02	7.04E-01	2.70E-08	0.00E+00	4.11E+01	4.44E-05	5.14E-04	5.41E-03	8.82E-04	1.05E+00	1.60E-07	2.74E-08	3.48E+00	1.22E-01	1.20E-03	3.04E-02	5.04E-02	2.16E-01	2.30E+01	1.41E+00	8.58E-07	2.80E-08	2.07E-03	1.01E-04	1.96E-01	6.89E-01	2.44E+01	1.82E-05	2.44E+01	2.53E+01	8.85E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+00
47238903	4.96E-03	6.92E-01	-2.88E-02	7.18E-01	2.34E-07	0.00E+00	4.09E+01	4.35E-05	5.23E-04	5.64E-03	8.87E-04	1.08E+00	1.59E-07	2.77E-08	3.74E+00	1.23E-01	1.20E-03	3.02E-02	5.14E-02	2.16E-01	2.35E+01	1.42E+00	8.52E-07	2.82E-08	2.11E-03	9.73E-05	3.04E-01	6.66E-01	2.53E+01	1.84E-05	2.53E+01	2.63E+01	9.85E-01	0.00E+00	0.00E+00	7.67E-08	2.19E+00
47238907	4.91E-03	6.77E-01	-2.20E-02	7.02E-01	2.57E-07	0.00E+00	4.08E+01	4.43E-05	4.99E-04	5.32E-03	8.49E-04	1.09E+00	1.60E-07	2.81E-08	3.53E+00	1.24E-01	1.15E-03	3.03E-02	4.98E-02	2.09E-01	2.32E+01	1.41E+00	8.51E-07	2.74E-08	1.98E-03	9.58E-05	2.54E-01	5.92E-01	2.50E+01	1.85E-05	2.50E+01	2.61E+01	8.15E-01	0.00E+00	0.00E+00	7.67E-08	2.14E+00
47238914	4.72E-03	6.64E-01	-2.20E-02	6.86E-01	2.57E-07	0.00E+00	4.08E+01	4.43E-05	5.07E-04	5.37E-03	8.66E-04	1.09E+00	1.60E-07	2.74E-08	3.56E+00	1.23E-01	1.17E-03	3.03E-02	5.01E-02	2.09E-01	2.30E+01	1.38E+00	8.53E-07	2.75E-08	2.01E-03	9.67E-05	2.52E-01	5.93E-01	2.44E+01	1.87E-05	2.44E+01	2.53E+01	8.07E-01	0.00E+00	0.00E+00	7.67E-08	2.15E+00
47238917	5.22E-03	6.16E-01	-2.17E-02	6.61E-01	5.16E-06	0.00E+00	1.92E+01	3.45E-05	4.85E-04	5.16E-03	6.35E-04	1.82E+00	1.46E-07	3.39E-08	3.54E+00	1.63E-01	8.89E-04	3.07E-02	4.06E-02	2.19E-01	2.23E+01	1.29E+00	8.20E-08	3.01E-08	2.00E-03	1.22E-04	2.66E-01	5.04E-01	2.35E+01	2.27E-05	2.35E+01	2.43E+01	7.34E-01	0.00E+00	0.00E+00	7.67E-08	2.04E+00
47238922	4.57E-03	6.49E-01	-2.25E-02	6.72E-01	2.70E-08	0.00E+00	4.05E+01	4.43E-05	4.84E-04	5.07E-03	8.29E-04	1.05E+00	1.59E-07	2.72E-08	3.48E+00	1.22E-01	1.12E-03	3.03E-02	4.97E-02	2.02E-01	2.24E+01	1.37E+00	8.51E-07	2.68E-08	1.95E-03	9.32E-05	1.41E-01	5.87E-01	2.38E+01	1.82E-05	2.38E+01	2.45E+01	7.28E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+00
47238982	5.32E-03	6.94E-01	-2.19E-02	7.45E-01	2.03E-07	0.00E+00	4.51E+01	4.43E-05	6.05E-04	6.09E-03	8.05E-04	1.59E+00	1.64E-07	4.09E-08	3.68E+00	1.25E-01	1.17E-03	3.01E-02	4.71E-02	2.36E-01	2.30E+01	1.40E+00	8.59E-07	3.07E-08	2.19E-03	1.59E-04	2.55E-01	5.92E-01	2.45E+01	2.53E-05	2.45E+01	2.53E+01	8.13E-01	0.00E+00	0.00E+00	3.90E-10	2.13E+00
47238989	5.47E-03	6.73E-01	-2.97E-02	7.03E-01	2.70E-08	0.00E+00	4.09E+01	4.44E-05	5.14E-04	5.46E-03	8.75E-04	1.05E+00	1.60E-07	2.74E-08	3.50E+00	1.22E-01	1.18E-03	3.03E-02	5.00E-02	2.10E-01	2.30E+01	1.35E+00	8.53E-07	2.81E-08	2.05E-03	9.62E-05	2.61E-01	6.80E-01	2.44E+01	1.82E-05	2.44E+01	2.53E+01	9.41E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+00
47241404	6.00E-03	1.04E+00	-2.65E-02	1.07E+00	2.41E-05	0.00E+00	4.33E+01	4.31E-05	6.81E-04	7.07E-03	9.25E-04	1.02E+00	1.56E-07	4.02E-08	2.73E+00	1.89E-01	1.25E-03	3.08E-02	4.77E-02	2.36E-01	2.85E+01	1.91E+00	8.28E-07	3.18E-08	4.04E-03	9.64E-05	6.27E-01	5.99E-01	2.96E+01	1.74E-05	2.99E+01	3.10E+01	1.23E+00	0.00E+00	0.00E+00	3.90E-10	2.07E+00
47241606	5.51E-03	7.60E-01	-4.63E-02	7.64E-01	2.36E-05	0.00E+00	4.31E+01	5.15E-05	5.51E-04	6.15E-03	9.11E-04	1.23E+00	1.92E-07	4.03E-08	2.65E+00	2.01E-01	1.25E-03	3.34E-02	4.51E-02	2.39E-01	2.54E+01	1.86E+00	8.09E-07	3.13E-08	2.16E-03	9.85E-05	6.24E-01	9.97E-01	2.72E+01	5.25E-05	2.72E+01	2.86E+01	1.33E+00	0.00E+00	0.00E+00	3.90E-10	2.06E+00
47241909	5.73E-03	8.59E-01	-2.23E-02	8.75E-01	2.53E-05	0.00E+00	4.41E+01	3.54E-05	6.29E-04	6.50E-03	7.86E-04	1.96E+00	1.71E-07	4.23E-08	4.82E+00	2.26E-01	1.05E-03	3.19E-02	4.04E-02	2.98E-01	2.34E+01	1.91E+00	8.12E-07	3.36E-08	2.34E-03	1.58E-04	3.90E-01	5.13E-01	2.56E+01	3.02E-05	2.57E+01	2.66E+01	9.61E-01	0.00E+00	0.00E+00	9.65E-05	1.97E+00
47248982	4.64E-03	7.16E-01	-1.73E-02	7.25E-01	2.43E-05	0.00E+00	4.02E+01	4.48E-05	5.16E-04	5.47E-03	8.93E-04	1.03E+00	1.58E-07	2.84E-08	2.76E+00	1.91E-01	1.21E-03	3.10E-02	4.69E-02	2.32E-01	2.33E+01	1.90E+00	8.00E-07	2.70E-08	1.98E-03	9.32E-05	3.30E-01	5.16E-01	2.53E+01	2.24E-05	2.53E+01	2.62E+01	8.24E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47248989	4.51E-03	7.18E-01	-1.81E-02	7.36E-01	2.37E-05	0.00E+00	3.99E+01	4.49E-05	5.08E-04	5.54E-03	8.71E-04	1.04E+00	1.59E-07	2.78E-08	2.75E+00	1.89E-01	1.18E-03	3.03E-02	4.66E-02	2.30E-01	2.32E+01	1.93E+00	7.99E-07	2.68E-08	1.90E-03	8.91E-05	5.01E-01	5.09E-01	2.51E+01	1.83E-05	2.51E+01	2.61E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+00
47271404	5.65E-03	6.82E-01	-2.15E-02	7.10E-01	4.99E-06	0.00E+00	1.41E+01	4.30E-05	5.09E-04	5.61E-03	7.84E-04	1.51E+00	1.57E-07	3.99E-08	3.26E+00	1.34E-01	1.12E-03	3.40E-02	4.43E-02	2.36E-01	2.51E+01	1.42E+00	7.78E-08	3.04E-08	2.15E-03	1.56E-04	3.14E-01	5.06E-01	2.64E+01	2.11E-05	2.63E+01	2.73E+01	8.65E-01	0.00E+00	0.00E+00	3.90E-10	1.99E+00
47271606	5.14E-03	6.34E-01	-2.17E-02	6.73E-01	5.53E-06	0.00E+00	1.31E+01	4.38E-05	4.84E-04	5.16E-03	7.78E-04	1.59E+00	1.59E-07	3.60E-08	3.43E+00	1.47E-01	1.10E-03	3.40E-02	4.48E-02	2.28E-01	2.23E+01	1.36E+00	7.76E-08	2.88E-08	1.89E-03	1.39E-04	3.11E-01	5.04E-01	2.36E+01	2.14E-05	2.36E+01	2.42E+01	8.56E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47271909	5.21E-03	6.02E-01	-9.88E-03	6.28E-01	4.91E-06	0.00E+00	1.26E+01	4.24E-05	4.95E-04	5.51E-03	7.01E-04	1.56E+00	1.60E-07	3.24E-08	3.29E+00	1.29E-01	9.94E-04	3.36E-02	4.26E-02	2.44E-01	2.20E+01	1.17E+00	7.53E-08	3.05E-08	2.01E-03	1.36E-04	3.02E-01	2.80E-01	2.31E+01	2.03E-05	2.30E+01	2.38E+01	7.79E-01	0.00E+00	0.00E+00	3.90E-10	1.92E+00
47272045	4.14E-03	5.51E-01	-2.15E-02	5.79E-01	5.36E-06	0.00E+00	4.86E+01	4.62E-05	4.28E-04	4.54E-03	7.33E-04	1.05E+00	1.67E-07	2.49E-08	3.60E+00	1.65E-01	9.91E-04	3.52E-02	5.34E-02	1.64E-01	2.25E+01	1.22E+00	6.46E-08	2.48E-08	1.70E-03	6.38E-05	2.29E-01	5.23E-01	2.37E+01	1.73E-05	2.37E+01	2.44E+01	7.12E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+00
47272089	3.98E-03	5.39E-01	-2.15E-02	5.61E-01	5.35E-06	0.00E+00	4.88E+01	4.34E-05	4.24E-04	4.48E-03	6.94E-04	9.87E-01	1.67E-07	2.52E-08	3.55E+00	1.18E-01	9.91E-04	3.53E-02	4.64E-02	1.72E-01	2.22E+01	1.26E+00	6.22E-08	2.38E-08	1.67E-03	7.02E-05	2.01E-01	5.18E-01	2.32E+01	1.74E-05	2.32E+01	2.39E+01	7.07E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+00
47276084	5.76E-03	6.81E-01	-2.75E-02	7.03E-01	7.11E-07	0.00E+00	8.73E+00	4.41E-05	5.08E-04	5.64E-03	7.94E-04	1.58E+00	1.51E-07	4.08E-08	3.65E+00	1.33E-01	1.10E-03	3.53E-02	4.90E-02	2.01E-01	2.58E+01	1.38E+00	8.61E-08	3.34E-08	2.13E-03	9.29E-05	3.62E-01	6.18E-01	2.72E+01	3.55E-05	2.71E+01	2.79E+01	1.04E+00	0.00E+00	0.00E+00	3.90E-10	2.09E+00
47276086	5.65E-03	6.65E-01	-9.70E-03	6.72E-01	2.31E-06	0.00E+00	1.15E+01	4.27E-05	5.04E-04	5.77E-03	7.46E-04	1.69E+00	1.46E-07	3.33E-08	3.43E+00	1.36E-01	1.10E-03	3.45E-02	4.72E-02	2.24E-01	2.58E+01	1.30E+00	8.67E-08	3.41E-08	1.99E-03	9.69E-05	3.08E-01	2.62E-01	2.68E+01	3.63E-05	2.66E+01	2.76E+01	8.56E-01	0.00E+00	0.00E+00	3.90E-10	2.07E+00
47276089	5.27E-03	6.36E-01	-1.06E-02	6.51E-01	8.56E-07	0.00E+00	7.72E+00	4.15E-05	5.00E-04	5.68E-03	7.95E-04	1.62E+00	1.50E-07	3.28E-08	3.42E+00	1.27E-01	1.09E-03	3.49E-02	4.74E-02	2.16E-01	2.24E+01	1.23E+00	8.50E-08	3.17E-08	1.99E-03	9.40E-05	3.07E-01	3.07E-01	2.35E+01	3.60E-05	2.34E+01	2.42E+01	8.45E-01	0.00E+00	0.00E+00	3.90E-10	2.08E+00
47278982	7.58E-03	9.35E-01	-2.10E-02	9.50E-01	3.29E-07	0.00E+00	2.45E+01	4.42E-05	7.45E-04	8.88E-03	9.61E-04	1.77E+00	1.59E-07	3.75E-08	3.69E+00	1.28E-01	1.40E-03	3.30E-02	4.68E-02	3.16E-01	2.66E+01	1.60E+00	8.72E-08	4.61E-08	2.61E-03	1.53E-04	6.80E-01	5.68E-01	2.84E+01	2.74E-05	2.85E+01	2.96E+01	1.34E+00	0.00E+00	0.00E+00	3.90E-10	2.12E+00
47278989	5.35E-03	6.64E-01	-1.05E-02	6.85E-01	4.91E-07	0.00E+00	1.30E+01	4.29E-05	5.16E-04	5.89E-03	7.74E-04	1.58E+00	1.60E-07	3.19E-08	3.37E+00	1.24E-01	1.07E-03	3.36E-02	4.47E-02	2.62E-01	2.25E+01	1.24E+00	8.60E-08	3.32E-08	2.05E-03	1.36E-04	3.07E-01	3.15E-01	2.35E+01	2.14E-05	2.36E+01	2.43E+01	8.53E-01	0.00E+00	0.00E+00	3.90E-10	2.06E+00
47287103	6.20E-03	8.63E-01	-2.08E-02	8.80E-01	5.20E-06	0.00E+00	1.04E+01	4.39E-05	6.40E-04	6.88E-03	1.01E-03	1.47E+00	1.51E-07	4.08E-08	3.46E+00	1.50E-01	1.37E-03	3.47E-02	4.78E-02	2.56E-01	2.78E+01	1.65E+00	7.76E-08	3.99E-08	2.96E-03	1.11E-04	5.14E-01	5.23E-01	2.93E+01	1.91E-05	2.94E+01	3.03E+01	1.22E+00	0.00E+00	0.00E+00	3.90E-10	2.04E+00
47287106	5.23E-03	5.93E-01	-2.16E-02	6.27E-01	5.14E-06	0.00E+00	5.92E+00	4.41E-05	4.70E-04	5.16E-03	7.09E-04	1.39E+00	1.51E-07	4.03E-08	3.44E+00	1.45E-01	1.03E-03	3.51E-02	4.67E-02	1.60E-01	2.50E+01	1.36E+00	7.69E-08	2.76E-08	1.81E-03	7.99E-05	3.14E-01	5.01E-01	2.57E+01	1.87E-05	2.57E+01	2.66E+01	7.67E-01	0.00E+00	0.00E+00	3.90E-10	2.00E+00
47287109	4.77E-03	5.64E-01	-2.16E-02	6.04E-01	4.95E-06	0.00E+00	5.30E+00	4.37E-05	4.56E-04	4.84E-03	7.17E-04	1.33E+00	1.51E-07	3.24E-08	3.46E+00	1.30E-01	1.03E-03	3.51E-02	4.66E-02	1.63E-01	2.19E+01	1.35E+00	7.40E-08	2.49E-08	1.74E-03	8.00E-05	3.11E-01	5.00E-01	2.32E+01	1.89E-05	2.32E+01	2.39E+01	7.62E-01	0.00E+00	0.00E+00	3.90E-10	2.00E+00
47357002	4.57E-03	6.49E-01	-2.16E-02	6.79E-01	4.66E-06	0.00E+00	3.90E+01	4.42E-05	4.70E-04	5.00E-03	8.30E-04	1.30E+00	1.57E-07	3.49E-08	3.44E+00	1.30E-01	1.13E-03	3.04E-02	4.70E-02	1.79E-01	2.24E+01	1.48E+00	7.98E-07	2.51E-08	1.80E-03	1.02E-04	2.95E-01	5.06E-01	2.38E+01	1.83E-05	2.38E+01	2.46E+01	8.01E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47357003	5.07E-03	7.03E-01	-2.04E-02	7.21E-01	2.38E-05	0.00E+00	4.01E+01	4.46E-05	5.28E-04	5.51E-03	8.95E-04	1.43E+00	1.57E-07	3.53E-08	2.73E+00	1.87E-01	1.21E-03	3.13E-02	4.74E-02	2.56E-01	2.31E+01	1.59E+00	8.02E-07	2.83E-08	2.09E-03	9.32E-05	3.12E-01	5.17E-01	2.50E+01	1.83E-05	2.50E+01	2.57E+01	8.38E-01	0.00E+00	0.00E+00	3.90E-10	2.04E+00
47357004	8.34E-03	1.32E+00	-2.12E-02	1.34E+00	2.36E-05	0.00E+00	3.98E+01	4.49E-05	1.04E-03	1.11E-02	9.18E-04	1.04E+00	1.61E-07	2.81E-08	2.72E+00	1.88E-01	1.24E-03	5.47E-02	5.05E-02	4.94E-01	3.21E+01	1.43E+00	7.99E-07	4.59E-08	3.51E-03	7.73E-05	2.71E-01	5.14E-01	3.36E+01	1.96E-05	3.36E+01	3.43E+01	7.85E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+00
47357006	4.40E-03	6.71E-01	-2.92E-02	7.00E-01	4.65E-06	0.00E+00	3.92E+01	4.12E-05	4.93E-04	5.31E-03	8.45E-04	9.77E-01	1.49E-07	2.60E-08	3.85E+00	1.24E-01	1.14E-03	2.98E-02	4.94E-02	1.84E-01	2.30E+01	1.55E+00	8.03E-07	2.59E-08	1.95E-03	7.60E-05	3.49E-01	5.94E-01	2.45E+01	1.72E-05	2.45E+01	2.55E+01	9.43E-01	0.00E+00	0.00E+00	0.00E+00	2.12E+00
47357009	4.18E-03	6.39E-01	-2.91E-02	6.68E-01	4.65E-06	0.00E+00	3.88E+01	4.12E-05	4.72E-04	5.08E-03	8.45E-04	9.72E-01	1.49E-07	2.59E-08	3.84E+00	1.24E-01	1.14E-03	2.98E-02	4.93E-02	1.81E-01	2.22E+01	1.55E+00	7.98E-07	2.47E-08	1.77E-03	7.24E-05	3.48E-01	5.94E-01	2.37E+01	1.72E-05	2.37E+01	2.47E+01	9.41E-01	0.00E+00	0.00E+00	0.00E+00	2.12E+00
47357113	4.68E-03	6.63E-01	-2.66E-02	6.94E-01	4.85E-06	0.00E+00	3.93E+01	4.42E-05	4.87E-04	5.25E-03	8.53E-04	1.27E+00	1.58E-07	3.53E-08	3.70E+00	1.30E-01	1.16E-03	3.03E-02	4.72E-02	1.83E-01	2.27E+01	1.50E+00	7.99E-07	2.58E-08	1.86E-03	1.08E-04	3.42E-01	5.17E-01	2.43E+01	1.83E-05	2.43E+01	2.53E+01	9.41E-01	0.00E+00	0.00E+00	7.67E-08	2.02E+00
47357115	4.77E-03	6.56E-01	-2.18E-02	6.75E-01	5.58E-06	0.00E+00	3.90E+01	4.44E-05	4.65E-04	4.97E-03	7.30E-04	1.28E+00	1.56E-07	4.50E-08	3.42E+00	1.34E-01	1.10E-03	3.07E-02	4.69E-02	1.76E-01	2.26E+01	1.48E+00	8.00E-07	2.52E-08	1.80E-03	9.25E-05	2.93E-01	4.99E-01	2.40E+01	1.85E-05	2.40E+01	2.51E+01	7.79E-01	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47387003	5.57E-03	7.28E-01	-2.63E-02	7.41E-01	4.88E-06	0.00E+00	4.12E+01	4.46E-05	5.58E-04	5.95E-03	8.62E-04	1.34E+00	1.57E-07	4.23E-08	3.68E+00	1.46E-01	1.17E-03	3.03E-02	4.71E-02	1.83E-01	2.59E+01	1.52E+00	8.22E-07	3.13E-08	2.36E-03	9.06E-05	3.61E-01	5.26E-01	2.71E+01	1.84E-05	2.70E+01	2.81E+01	9.88E-01	0.00E+00	0.00E+00	3.90E-10	2.01E+00
47387006	5.35E-03	6.95E-01	-2.15E-02	7.24E-01	4.88E-06	0.00E+00	4.11E+01	4.44E-05	5.00E-04	5.43E-03	8.43E-04	1.34E+00	1.57E-07	4.21E-08	3.40E+00	1.47E-01	1.14E-03	3.06E-02	4.70E-02	1.81E-01	2.54E+01	1.52E+00	8.22E-07	2.80E-08	2.08E-03	8.86E-05	3.03E-01	5.12E-01	2.68E+01	1.85E-05	2.68E+01	2.78E+01	8.24E-01	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47387009	4.58E-03	6.50E-01	-2.15E-02	6.80E-01	4.69E-06	0.00E+00	3.90E+01	4.43E-05	4.78E-04	5.06E-03	8.43E-04	1.28E+00	1.57E-07	3.55E-08	3.43E+00	1.37E-01	1.14E-03	3.04E-02	4.69E-02	1.81E-01	2.24E+01	1.50E+00	7.98E-07	2.53E-08	1.82E-03	8.86E-05	3.01E-01	5.11E-01	2.38E+01	1.85E-05	2.38E+01	2.46E+01	8.12E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47393505	5.93E-03	8.27E-01	-4.23E-02	8.69E-01	7.34E-06	0.00E+00	2.83E+02	1.02E-04	6.97E-04	8.10E-03	1.54E-03	2.50E+00	1.81E-07	3.97E-08	7.29E+00	2.91E-01	2.09E-03	1.80E-02	4.67E-02	2.65E-01	1.39E+01	5.06E+00	6.23E-08	6.74E-08	2.51E-03	6.89E-05	1.25E+00	7.64E-01	1.89E+01	1.39E-04	1.89E+01	2.09E+01	2.01E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+00
47397003	5.55E-03	7.00E-01	-2.10E-02	7.29E-01	5.09E-06	0.00E+00	7.09E+00	4.45E-05	5.13E-04	5.65E-03	8.38E-04	1.37E+00	1.51E-07	4.00E-08	3.35E+00	1.47E-01	1.13E-03	3.12E-02	4.68E-02	1.93E-01	2.56E+01	1.49E+00	7.84E-08	3.11E-08	2.14E-03	9.95E-05	2.88E-01	5.13E-01	2.70E+01	1.86E-05	2.69E+01	2.79E+01	8.11E-01	0.00E+00	0.00E+00	3.90E-10	1.99E+00
47397006	2.71E-03	2.15E-01	-8.68E-03	2.36E-01	1.27E-05	0.00E+00	8.82E+00	4.01E-05	1.86E-04	2.24E-03	3.03E-04	1.32E+00	1.10E-07	3.47E-08	3.23E+00	1.72E-01	3.98E-04	3.04E-02	4.02E-02	9.31E-02	2.24E+01	6.47E-01	6.52E-08	2.07E-08	7.31E-04	5.55E-05	3.00E-01	2.33E-01	1.30E+01	2.13E-05	1.30E+01	1.04E+01	5.69E-01	0.00E+00	0.00E+00	3.90E-10	1.57E+00
47397009	4.64E-03	6.14E-01	-2.15E-02	6.57E-01	4.82E-06	0.00E+00	6.23E+00	4.42E-05	4.71E-04	5.02E-03	8.31E-04	1.31E+00	1.51E-07	3.28E-08	3.38E+00	1.38E-01	1.13E-03	3.09E-02	4.69E-02	1.83E-01	2.23E+01	1.48E+00	7.54E-08	2.54E-08	1.83E-03	9.80E-05	2.85E-01	5.07E-01	2.38E+01	1.86E-05	2.38E+01	2.46E+01	7.94E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47397013	4.64E-03	6.21E-01	-2.62E-02	6.65E-01	4.74E-06	0.00E+00	6.53E+00	4.43E-05	4.83E-04	5.20E-03	8.48E-04	1.27E+00	1.52E-07	3.32E-08	3.70E+00	1.38E-01	1.15E-03	3.08E-02	4.69E-02	1.87E-01	2.25E+01	1.48E+00	2.00E-07	2.60E-08	1.85E-03	9.90E-05	3.45E-01	5.24E-01	2.39E+01	1.86E-05	2.39E+01	2.49E+01	9.76E-01	0.00E+00	0.00E+00	7.67E-08	2.02E+00
47397014	4.75E-03	6.24E-01	-2.61E-02	6.64E-01	5.44E-06	0.00E+00	6.54E+00	4.44E-05	4.81E-04	5.17E-03	8.47E-04	1.27E+00	1.53E-07	4.49E-08	3.77E+00	1.41E-01	1.14E-03	3.09E-02	4.70E-02	1.84E-01	2.27E+01	1.46E+00	2.00E-07	2.63E-08	1.86E-03	9.31E-05	3.47E-01	5.09E-01	2.40E+01	1.89E-05	2.40E+01	2.50E+01	9.53E-01	0.00E+00	0.00E+00	7.67E-08	2.03E+00
47397015	4.75E-03	6.25E-01	-2.64E-02	6.65E-01	5.43E-06	0.00E+00	6.54E+00	4.44E-05	4.85E-04	5.20E-03	8.48E-04	1.28E+00	1.52E-07	4.49E-08	3.72E+00	1.41E-01	1.15E-03	3.08E-02	4.70E-02	1.84E-01	2.28E+01	1.46E+00	2.00E-07	2.62E-08	1.88E-03	9.31E-05	3.48E-01	5.16E-01	2.41E+01	1.88E-05	2.41E+01	2.51E+01	9.81E-01	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47397114	4.86E-03	6.38E-01	-2.64E-02	6.72E-01	5.58E-06	0.00E+00	6.81E+00	4.44E-05	4.88E-04	5.24E-03	8.48E-04	1.28E+00	1.52E-07	4.51E-08	3.75E+00	1.41E-01	1.15E-03	3.08E-02	4.71E-02	1.84E-01	2.29E+01	1.48E+00	2.00E-07	2.64E-08	1.91E-03	9.31E-05	3.49E-01	5.16E-01	2.44E+01	1.88E-05	2.44E+01	2.56E+01	9.85E-01	0.00E+00	0.00E+00	7.67E-08	2.03E+00
47397115	4.82E-03	6.22E-01	-2.16E-02	6.49E-01	5.61E-06	0.00E+00	6.15E+00	4.44E-05	4.66E-04	4.96E-03	8.25E-04	1.28E+00	1.52E-07	4.46E-08	3.45E+00	1.40E-01	1.12E-03	3.10E-02	4.69E-02	1.80E-01	2.25E+01	1.48E+00	2.00E-07	2.56E-08	1.80E-03	8.93E-05	2.87E-01	5.04E-01	2.40E+01	1.88E-05	2.39E+01	2.50E+01	7.71E-01	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47403512	3.72E-03	5.06E-01	-3.07E-02	5.37E-01	8.53E-07	0.00E+00	2.55E+02	5.16E-05	4.55E-04	5.00E-03	1.22E-03	9.68E-01	1.46E-07	2.84E-08	6.58E+00	1.62E-01	1.65E-03	1.08E-02	4.37E-02	1.45E-01	8.68E+00	4.61E+00	1.74E-08	2.58E-08	1.62E-03	2.03E-05	4.78E-01	5.57E-01	1.33E+01	1.66E-05	1.33E+01	1.43E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
47403515	3.77E-03	5.28E-01	-1.48E-02	5.43E-01	7.26E-07	0.00E+00	2.55E+02	5.14E-05	4.49E-04	5.03E-03	1.13E-03	9.69E-01	1.44E-07	2.85E-08	5.17E+00	1.62E-01	1.53E-03	1.07E-02	4.37E-02	1.40E-01	8.92E+00	4.63E+00	1.73E-08	2.61E-08	1.63E-03	1.75E-05	5.94E-01	3.76E-01	1.36E+01	1.66E-05	1.36E+01	1.45E+01	9.70E-01	0.00E+00	0.00E+00	0.00E+00	1.88E+00
47403521	3.68E-03	6.01E-01	-2.44E-02	6.41E-01	1.71E-07	0.00E+00	1.83E+02	4.05E-05	5.16E-04	5.93E-03	1.09E-03	1.00E+00	1.64E-07	2.90E-08	4.73E+00	1.32E-01	1.73E-03	9.48E-03	2.83E-02	1.44E-01	1.10E+01	2.68E+00	4.25E-08	3.05E-08	1.81E-03	4.72E-05	7.02E-01	5.10E-01	1.47E+01	2.44E-05	1.46E+01	1.62E+01	1.40E+00	0.00E+00	0.00E+00	8.93E-04	1.26E+00
47403523	3.68E-03	6.01E-01	-2.44E-02	6.41E-01	1.71E-07	0.00E+00	1.83E+02	4.05E-05	5.16E-04	5.93E-03	1.09E-03	1.00E+00	1.64E-07	2.90E-08	4.73E+00	1.32E-01	1.73E-03	9.48E-03	2.83E-02	1.44E-01	1.10E+01	2.68E+00	4.25E-08	3.05E-08	1.81E-03	4.72E-05	7.02E-01	5.10E-01	1.47E+01	2.44E-05	1.46E+01	1.62E+01	1.40E+00	0.00E+00	0.00E+00	8.93E-04	1.26E+00
47403524	3.68E-03	5.99E-01	-1.83E-02	6.42E-01	1.71E-07	0.00E+00	1.83E+02	4.05E-05	5.28E-04	5.93E-03	1.09E-03	1.00E+00	1.64E-07	2.90E-08	4.69E+00	1.31E-01	1.71E-03	1.01E-02	2.83E-02	1.48E-01	1.08E+01	2.68E+00	4.25E-08	3.16E-08	1.82E-03	4.72E-05	6.86E-01	5.18E-01	1.49E+01	2.44E-05	1.47E+01	1.61E+01	1.40E+00	0.00E+00	0.00E+00	5.17E-04	1.27E+00
47403527	3.68E-03	5.99E-01	-1.78E-02	6.42E-01	1.71E-07	0.00E+00	1.86E+02	4.05E-05	5.24E-04	5.67E-03	1.09E-03	9.95E-01	1.64E-07	2.90E-08	4.69E+00	1.31E-01	1.70E-03	1.02E-02	2.83E-02	1.48E-01	1.08E+01	2.61E+00	4.25E-08	3.16E-08	1.76E-03	4.72E-05	7.42E-01	5.16E-01	1.48E+01	2.58E-05	1.46E+01	1.61E+01	1.42E+00	0.00E+00	0.00E+00	5.17E-04	1.26E+00
47403533	3.68E-03	6.01E-01	-2.44E-02	6.41E-01	1.71E-07	0.00E+00	1.83E+02	4.05E-05	5.16E-04	5.93E-03	1.09E-03	1.00E+00	1.64E-07	2.90E-08	4.73E+00	1.32E-01	1.73E-03	9.48E-03	2.83E-02	1.45E-01	1.10E+01	2.68E+00	4.25E-08	3.06E-08	1.81E-03	4.73E-05	7.08E-01	5.10E-01	1.47E+01	2.44E-05	1.47E+01	1.63E+01	1.40E+00	0.00E+00	0.00E+00	8.93E-04	1.26E+00
47413512	3.69E-03	6.18E-01	-2.68E-02	6.51E-01	5.72E-06	0.00E+00	1.81E+02	4.03E-05	5.21E-04	5.85E-03	1.10E-03	9.94E-01	1.60E-07	2.84E-08	4.83E+00	1.37E-01	1.79E-03	9.41E-03	2.45E-02	1.46E-01	1.15E+01	3.31E+00	4.25E-08	2.98E-08	1.84E-03	5.20E-05	8.24E-01	6.49E-01	1.64E+01	2.29E-05	1.64E+01	1.82E+01	1.60E+00	0.00E+00	0.00E+00	4.31E-03	1.16E+00
47413515	4.17E-03	5.90E-01	-3.14E-02	6.21E-01	4.99E-06	0.00E+00	2.56E+02	5.19E-05	5.13E-04	5.85E-03	1.26E-03	9.74E-01	1.46E-07	2.89E-08	5.33E+00	1.76E-01	1.70E-03	1.08E-02	4.41E-02	1.68E-01	1.03E+01	4.87E+00	1.94E-08	2.87E-08	1.82E-03	2.82E-05	8.31E-01	5.91E-01	1.52E+01	1.66E-05	1.52E+01	1.66E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
47413522	3.73E-03	6.51E-01	-2.56E-02	6.73E-01	1.09E-05	0.00E+00	1.73E+02	4.49E-05	5.80E-04	5.96E-03	1.15E-03	9.95E-01	1.60E-07	2.92E-08	4.84E+00	1.51E-01	1.78E-03	9.88E-03	3.82E-02	1.53E-01	1.16E+01	3.31E+00	4.21E-08	2.99E-08	1.87E-03	5.73E-05	8.95E-01	5.99E-01	1.68E+01	9.97E-05	1.67E+01	1.85E+01	1.67E+00	0.00E+00	0.00E+00	4.31E-03	1.72E+00
47413525	3.72E-03	6.77E-01	-3.25E-02	7.07E-01	1.10E-05	0.00E+00	1.68E+02	4.60E-05	5.50E-04	6.10E-03	1.17E-03	1.00E+00	1.61E-07	2.92E-08	4.94E+00	1.52E-01	1.84E-03	1.00E-02	3.81E-02	1.56E-01	1.18E+01	3.36E+00	4.21E-08	3.00E-08	1.91E-03	5.85E-05	9.09E-01	7.02E-01	1.70E+01	1.00E-04	1.69E+01	1.89E+01	1.72E+00	0.00E+00	0.00E+00	4.31E-03	1.70E+00
47428982	5.39E-03	6.83E-01	-2.58E-02	7.35E-01	1.85E-07	0.00E+00	7.41E+00	4.40E-05	5.46E-04	6.04E-03	9.45E-04	9.67E-01	1.47E-07	2.46E-08	3.13E+00	1.18E-01	1.28E-03	3.06E-02	5.11E-02	2.60E-01	2.56E+01	1.50E+00	1.32E-07	3.62E-08	2.20E-03	1.12E-04	4.14E-01	6.03E-01	2.71E+01	1.73E-05	2.71E+01	2.81E+01	9.37E-01	0.00E+00	0.00E+00	3.90E-10	2.19E+00
47428989	4.70E-03	6.30E-01	-2.10E-02	6.51E-01	2.54E-08	0.00E+00	7.00E+00	4.03E-05	5.04E-04	5.34E-03	8.83E-04	9.41E-01	1.43E-07	2.31E-08	2.47E+00	1.11E-01	1.20E-03	2.98E-02	5.40E-02	2.16E-01	2.31E+01	1.47E+00	1.32E-07	2.74E-08	2.08E-03	1.08E-04	2.02E-01	5.87E-01	2.45E+01	1.67E-05	2.45E+01	2.53E+01	7.90E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+00
47429909	4.84E-03	5.99E-01	-1.77E-02	6.17E-01	3.15E-05	0.00E+00	5.37E+00	4.44E-05	4.49E-04	4.89E-03	8.21E-04	9.47E-01	1.44E-07	4.43E-08	2.94E+00	2.10E-01	1.11E-03	3.03E-02	4.52E-02	1.78E-01	2.24E+01	1.52E+00	6.69E-08	2.39E-08	1.74E-03	8.50E-05	3.46E-01	4.69E-01	2.40E+01	1.67E-05	2.40E+01	2.48E+01	8.14E-01	0.00E+00	0.00E+00	0.00E+00	1.94E+00
47429939	6.45E-03	8.04E-01	-2.25E-02	8.24E-01	3.47E-05	0.00E+00	2.04E+01	3.52E-05	6.55E-04	6.73E-03	7.90E-04	2.01E+00	1.49E-07	4.92E-08	3.25E+00	2.26E-01	1.03E-03	3.08E-02	3.89E-02	2.88E-01	2.53E+01	1.54E+00	7.97E-08	3.30E-08	2.79E-03	1.52E-04	3.49E-01	5.16E-01	2.69E+01	2.58E-05	2.68E+01	2.77E+01	8.85E-01	0.00E+00	0.00E+00	1.18E-04	1.95E+00
47429949	5.23E-03	6.52E-01	-2.31E-02	6.75E-01	3.15E-05	0.00E+00	6.04E+00	4.46E-05	4.92E-04	5.35E-03	8.52E-04	9.55E-01	1.45E-07	4.45E-08	2.57E+00	2.10E-01	1.15E-03	3.03E-02	4.55E-02	1.85E-01	2.37E+01	1.52E+00	7.42E-08	2.60E-08	2.04E-03	9.19E-05	3.59E-01	5.43E-01	2.53E+01	1.67E-05	2.53E+01	2.62E+01	9.02E-01	0.00E+00	0.00E+00	0.00E+00	1.95E+00
47431404	4.93E-03	5.69E-01	-3.04E-02	5.99E-01	4.51E-06	0.00E+00	5.41E+00	4.43E-05	4.63E-04	4.98E-03	8.08E-04	9.49E-01	1.45E-07	4.40E-08	3.71E+00	1.35E-01	1.10E-03	3.03E-02	4.53E-02	1.43E-01	2.21E+01	1.31E+00	6.80E-08	2.41E-08	1.80E-03	6.93E-05	2.16E-01	5.91E-01	2.34E+01	1.67E-05	2.34E+01	2.42E+01	8.07E-01	0.00E+00	0.00E+00	0.00E+00	1.94E+00
47431606	4.82E-03	5.64E-01	-2.34E-02	5.87E-01	5.19E-06	0.00E+00	5.20E+00	4.42E-05	4.48E-04	4.83E-03	7.68E-04	9.47E-01	1.45E-07	4.39E-08	3.67E+00	1.36E-01	1.04E-03	3.02E-02	4.52E-02	1.44E-01	2.17E+01	1.39E+00	6.57E-08	2.36E-08	1.71E-03	6.82E-05	2.34E-01	4.99E-01	2.31E+01	1.67E-05	2.31E+01	2.38E+01	7.33E-01	0.00E+00	0.00E+00	0.00E+00	1.94E+00
47431903	5.28E-03	6.36E-01	-2.16E-02	6.59E-01	4.88E-06	0.00E+00	1.33E+01	4.34E-05	4.82E-04	5.17E-03	7.19E-04	1.46E+00	1.58E-07	3.43E-08	3.43E+00	1.31E-01	1.06E-03	3.06E-02	4.44E-02	2.28E-01	2.22E+01	1.36E+00	2.02E-07	2.90E-08	1.94E-03	1.74E-04	2.70E-01	5.02E-01	2.36E+01	2.17E-05	2.36E+01	2.48E+01	7.54E-01	0.00E+00	0.00E+00	7.67E-08	1.99E+00
47431907	5.29E-03	6.32E-01	-2.18E-02	6.56E-01	5.53E-06	0.00E+00	1.33E+01	4.36E-05	4.83E-04	5.17E-03	7.70E-04	1.47E+00	1.59E-07	4.40E-08	3.50E+00	1.33E-01	1.06E-03	3.07E-02	4.46E-02	2.16E-01	2.24E+01	1.33E+00	2.02E-07	2.92E-08	1.94E-03	1.54E-04	2.73E-01	5.00E-01	2.38E+01	2.21E-05	2.38E+01	2.49E+01	7.53E-01	0.00E+00	0.00E+00	7.67E-08	2.01E+00
47431909	4.79E-03	5.54E-01	-2.33E-02	5.77E-01	4.51E-06	0.00E+00	5.11E+00	4.42E-05	4.42E-04	4.78E-03	7.68E-04	9.47E-01	1.45E-07	4.39E-08	3.67E+00	1.35E-01	1.04E-03	3.02E-02	4.52E-02	1.38E-01	2.16E+01	1.31E+00	6.57E-08	2.34E-08	1.70E-03	6.60E-05	2.28E-01	4.99E-01	2.29E+01	1.67E-05	2.29E+01	2.37E+01	7.27E-01	0.00E+00	0.00E+00	0.00E+00	1.94E+00
47431912	5.13E-03	6.14E-01	-2.18E-02	6.49E-01	5.37E-06	0.00E+00	1.33E+01	4.37E-05	4.77E-04	5.08E-03	7.65E-04	1.47E+00	1.59E-07	4.40E-08	3.52E+00	1.33E-01	1.05E-03	3.06E-02	4.46E-02	2.16E-01	2.22E+01	1.30E+00	2.02E-07	2.90E-08	1.94E-03	1.54E-04	2.72E-01	5.00E-01	2.34E+01	2.20E-05	2.34E+01	2.41E+01	7.45E-01	0.00E+00	0.00E+00	3.90E-10	2.01E+00
47431913	5.10E-03	6.37E-01	-2.63E-02	6.73E-01	4.72E-06	0.00E+00	1.34E+01	4.33E-05	4.81E-04	5.24E-03	7.72E-04	1.46E+00	1.58E-07	3.40E-08	3.62E+00	1.35E-01	1.11E-03	3.08E-02	4.46E-02	2.35E-01	2.23E+01	1.39E+00	2.02E-07	2.85E-08	1.88E-03	1.86E-04	3.27E-01	5.62E-01	2.35E+01	2.28E-05	2.35E+01	2.45E+01	9.23E-01	0.00E+00	0.00E+00	7.67E-08	1.99E+00
47431914	4.46E-03	5.87E-01	-2.19E-02	6.24E-01	5.42E-06	0.00E+00	1.10E+01	4.34E-05	4.56E-04	4.86E-03	7.91E-04	9.87E-01	1.47E-07	4.40E-08	3.00E+00	1.32E-01	1.07E-03	3.02E-02	4.62E-02	1.50E-01	2.22E+01	1.28E+00	1.99E-07	2.45E-08	1.72E-03	7.85E-05	2.77E-01	5.00E-01	2.34E+01	1.72E-05	2.34E+01	2.41E+01	7.38E-01	0.00E+00	0.00E+00	7.67E-08	2.01E+00
47431922	5.21E-03	6.29E-01	-2.18E-02	6.54E-01	5.53E-06	0.00E+00	1.33E+01	4.38E-05	4.81E-04	5.14E-03	7.65E-04	1.47E+00	1.59E-07	4.40E-08	3.51E+00	1.33E-01	1.05E-03	3.06E-02	4.46E-02	2.16E-01	2.24E+01	1.32E+00	2.02E-07	2.90E-08	1.96E-03	1.54E-04	2.73E-01	5.00E-01	2.38E+01	2.20E-05	2.38E+01	2.49E+01	7.50E-01	0.00E+00	0.00E+00	3.90E-10	2.01E+00
47432003	4.39E-03	5.82E-01	-2.18E-02	6.23E-01	9.15E-06	0.00E+00	5.63E+00	4.37E-05	4.53E-04	4.85E-03	7.38E-04	1.02E+00	1.50E-07	2.64E-08	3.55E+00	1.32E-01	1.07E-03	3.07E-02	4.67E-02	1.66E-01	2.20E+01	1.30E+00	2.00E-07	2.47E-08	1.72E-03	7.90E-05	2.61E-01	5.02E-01	2.31E+01	2.39E-05	2.31E+01	2.39E+01	7.12E-01	0.00E+00	0.00E+00	7.67E-08	2.00E+00
47432007	4.44E-03	5.82E-01	-2.19E-02	6.23E-01	9.87E-06	0.00E+00	5.66E+00	4.46E-05	4.53E-04	4.85E-03	7.91E-04	1.01E+00	1.50E-07	2.83E-08	3.57E+00	1.35E-01	1.07E-03	3.08E-02	4.70E-02	1.66E-01	2.22E+01	1.28E+00	2.00E-07	2.51E-08	1.72E-03	7.89E-05	2.65E-01	5.00E-01	2.33E+01	2.39E-05	2.33E+01	2.40E+01	7.14E-01	0.00E+00	0.00E+00	7.67E-08	2.03E+00
47432017	4.67E-03	6.08E-01	-2.80E-02	6.43E-01	5.59E-06	0.00E+00	5.47E+00	4.43E-05	4.69E-04	5.08E-03	8.21E-04	1.05E+00	1.47E-07	2.61E-08	3.81E+00	1.38E-01	1.11E-03	3.13E-02	4.93E-02	1.85E-01	2.26E+01	1.35E+00	7.45E-08	2.63E-08	1.82E-03	8.83E-05	3.17E-01	5.59E-01	2.38E+01	2.41E-05	2.38E+01	2.48E+01	9.35E-01	0.00E+00	0.00E+00	7.67E-08	2.12E+00
47432022	4.58E-03	6.04E-01	-2.78E-02	6.42E-01	9.87E-06	0.00E+00	5.80E+00	4.43E-05	4.63E-04	5.02E-03	8.22E-04	1.00E+00	1.48E-07	2.81E-08	3.73E+00	1.40E-01	1.11E-03	3.11E-02	4.71E-02	1.81E-01	2.26E+01	1.36E+00	2.00E-07	2.54E-08	1.78E-03	8.59E-05	3.20E-01	5.51E-01	2.37E+01	2.37E-05	2.37E+01	2.45E+01	9.31E-01	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47432045	4.22E-03	5.64E-01	-3.01E-02	5.94E-01	5.19E-06	0.00E+00	4.78E+00	4.51E-05	4.45E-04	4.80E-03	8.08E-04	9.35E-01	1.44E-07	2.31E-08	3.68E+00	1.89E-01	1.10E-03	2.97E-02	5.48E-02	1.57E-01	2.21E+01	1.18E+00	6.51E-08	2.54E-08	1.72E-03	5.91E-05	3.16E-01	5.90E-01	2.33E+01	1.68E-05	2.33E+01	2.42E+01	9.06E-01	0.00E+00	0.00E+00	0.00E+00	2.35E+00
47432089	3.97E-03	5.55E-01	-2.27E-02	5.77E-01	5.19E-06	0.00E+00	4.89E+00	4.05E-05	4.33E-04	4.70E-03	7.64E-04	9.35E-01	1.43E-07	2.31E-08	3.65E+00	1.26E-01	1.03E-03	2.97E-02	4.90E-02	1.68E-01	2.16E+01	1.34E+00	5.92E-08	2.34E-08	1.66E-03	6.74E-05	3.37E-01	4.99E-01	2.29E+01	1.67E-05	2.29E+01	2.38E+01	8.35E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+00
47436003	4.93E-03	6.32E-01	-2.20E-02	6.66E-01	3.67E-07	0.00E+00	8.75E+00	4.39E-05	4.94E-04	5.22E-03	8.49E-04	1.46E+00	1.53E-07	3.32E-08	3.58E+00	1.27E-01	1.15E-03	3.06E-02	4.92E-02	2.13E-01	2.27E+01	1.37E+00	8.83E-08	2.99E-08	1.97E-03	9.69E-05	2.70E-01	5.68E-01	2.42E+01	3.51E-05	2.41E+01	2.50E+01	7.83E-01	0.00E+00	0.00E+00	7.67E-08	2.12E+00
47436007	4.93E-03	6.32E-01	-2.20E-02	6.66E-01	3.67E-07	0.00E+00	8.75E+00	4.39E-05	4.94E-04	5.22E-03	8.49E-04	1.46E+00	1.53E-07	3.32E-08	3.58E+00	1.27E-01	1.15E-03	3.06E-02	4.92E-02	2.13E-01	2.27E+01	1.37E+00	8.83E-08	2.99E-08	1.97E-03	9.69E-05	2.70E-01	5.68E-01	2.42E+01	3.51E-05	2.41E+01	2.50E+01	7.83E-01	0.00E+00	0.00E+00	7.67E-08	2.12E+00
47436009	4.96E-03	6.33E-01	-2.71E-02	6.83E-01	2.91E-07	0.00E+00	8.95E+00	4.38E-05	5.17E-04	5.46E-03	8.74E-04	1.53E+00	1.51E-07	3.35E-08	3.78E+00	1.25E-01	1.18E-03	3.08E-02	5.15E-02	2.36E-01	2.29E+01	1.39E+00	1.17E-07	3.12E-08	2.08E-03	1.09E-04	2.87E-01	6.27E-01	2.42E+01	3.49E-05	2.42E+01	2.51E+01	9.07E-01	0.00E+00	0.00E+00	3.90E-10	2.19E+00
47436012	4.86E-03	6.19E-01	-2.20E-02	6.65E-01	3.64E-07	0.00E+00	8.82E+00	4.38E-05	4.92E-04	5.21E-03	8.49E-04	1.46E+00	1.52E-07	3.30E-08	3.55E+00	1.25E-01	1.15E-03	3.06E-02	5.00E-02	2.17E-01	2.27E+01	1.38E+00	1.21E-07	2.96E-08	1.97E-03	1.06E-04	2.43E-01	5.93E-01	2.41E+01	3.48E-05	2.41E+01	2.49E+01	7.92E-01	0.00E+00	0.00E+00	3.90E-10	2.14E+00
47436013	4.93E-03	6.32E-01	-2.20E-02	6.66E-01	3.67E-07	0.00E+00	8.75E+00	4.39E-05	4.94E-04	5.22E-03	8.49E-04	1.46E+00	1.53E-07	3.32E-08	3.58E+00	1.27E-01	1.15E-03	3.06E-02	4.92E-02	2.13E-01	2.27E+01	1.37E+00	8.83E-08	2.99E-08	1.97E-03	9.69E-05	2.70E-01	5.68E-01	2.42E+01	3.51E-05	2.41E+01	2.50E+01	7.83E-01	0.00E+00	0.00E+00	7.67E-08	2.12E+00
47436014	4.93E-03	6.30E-01	-2.20E-02	6.68E-01	3.40E-07	0.00E+00	8.76E+00	4.39E-05	5.10E-04	5.37E-03	8.55E-04	1.46E+00	1.53E-07	3.30E-08	3.56E+00	1.27E-01	1.16E-03	3.07E-02	4.93E-02	2.13E-01	2.27E+01	1.37E+00	8.83E-08	2.99E-08	1.99E-03	9.71E-05	2.70E-01	5.68E-01	2.42E+01	3.47E-05	2.41E+01	2.50E+01	7.82E-01	0.00E+00	0.00E+00	7.67E-08	2.12E+00
47436022	4.95E-03	6.38E-01	-2.71E-02	6.82E-01	2.91E-07	0.00E+00	8.83E+00	4.39E-05	5.17E-04	5.47E-03	8.77E-04	1.54E+00	1.52E-07	3.36E-08	3.77E+00	1.26E-01	1.19E-03	3.09E-02	5.09E-02	2.37E-01	2.29E+01	1.39E+00	1.17E-07	3.14E-08	2.08E-03	1.08E-04	2.89E-01	6.10E-01	2.43E+01	3.49E-05	2.43E+01	2.52E+01	9.05E-01	0.00E+00	0.00E+00	3.90E-10	2.17E+00

47436039	4.87E-03	6.16E-01	-2.19E-02	6.66E-01	3.64E-07	0.00E+00	8.95E+00	4.38E-05	4.92E-04	5.21E-03	8.50E-04	1.45E+00	1.53E-07	3.30E-08	3.57E+00	1.25E-01	1.15E-03	3.06E-02	5.00E-02	2.17E-01	2.27E+01	1.38E+00	1.22E-07	2.97E-08	1.97E-03	1.07E-04	2.38E-01	5.95E-01	2.41E+01	3.47E-05	2.41E+01	2.49E+01	7.88E-01	0.00E+00	0.00E+00	7.67E-08	2.15E+00
47436049	5.03E-03	6.54E-01	-2.93E-02	6.94E-01	2.91E-07	0.00E+00	8.95E+00	4.29E-05	5.24E-04	5.71E-03	8.86E-04	1.53E+00	1.50E-07	3.36E-08	3.84E+00	1.22E-01	1.20E-03	3.06E-02	5.20E-02	2.44E-01	2.31E+01	1.38E+00	1.17E-07	3.20E-08	2.12E-03	1.08E-04	3.08E-01	6.73E-01	2.45E+01	3.51E-05	2.45E+01	2.54E+01	9.92E-01	0.00E+00	0.00E+00	7.67E-08	2.22E+00
47436069	5.25E-03	6.69E-01	-2.71E-02	6.90E-01	1.04E-06	0.00E+00	8.64E+00	3.42E-05	5.22E-04	5.58E-03	8.78E-04	1.91E+00	4.26E-08	3.42E-08	4.00E+00	1.08E-01	1.19E-03	2.98E-02	4.60E-02	2.17E-01	2.30E+01	1.45E+00	8.15E-08	3.43E-08	2.09E-03	1.26E-04	3.25E-01	5.80E-01	2.43E+01	3.61E-05	2.42E+01	2.52E+01	1.04E+00	0.00E+00	0.00E+00	7.67E-08	1.87E+00
47436079	4.86E-03	6.16E-01	-2.19E-02	6.66E-01	3.64E-07	0.00E+00	8.95E+00	4.38E-05	4.92E-04	5.21E-03	8.50E-04	1.46E+00	1.52E-07	3.30E-08	3.54E+00	1.25E-01	1.15E-03	3.06E-02	5.00E-02	2.17E-01	2.27E+01	1.38E+00	1.22E-07	2.96E-08	1.97E-03	1.07E-04	2.38E-01	5.94E-01	2.41E+01	3.48E-05	2.41E+01	2.49E+01	7.88E-01	0.00E+00	0.00E+00	3.90E-10	2.15E+00
47436084	7.18E-03	8.85E-01	-2.24E-02	9.08E-01	2.70E-08	0.00E+00	9.42E+00	4.44E-05	6.75E-04	7.29E-03	8.68E-04	9.91E-01	1.45E-07	4.51E-08	3.86E+00	1.25E-01	1.18E-03	3.03E-02	5.04E-02	2.10E-01	2.91E+01	1.59E+00	1.60E-07	3.66E-08	3.48E-03	1.32E-04	2.75E-01	5.98E-01	3.07E+01	1.66E-05	3.07E+01	3.16E+01	8.73E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+00
47436086	4.59E-03	5.99E-01	-2.28E-02	6.21E-01	2.70E-08	0.00E+00	6.37E+00	4.38E-05	4.86E-04	5.15E-03	8.26E-04	1.01E+00	1.54E-07	2.45E-08	3.80E+00	1.22E-01	1.12E-03	3.03E-02	4.99E-02	2.04E-01	2.25E+01	1.36E+00	1.17E-07	2.68E-08	1.97E-03	9.64E-05	2.05E-01	5.93E-01	2.38E+01	1.77E-05	2.38E+01	2.46E+01	7.99E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+00
47436089	4.54E-03	5.93E-01	-2.29E-02	6.16E-01	2.70E-08	0.00E+00	6.53E+00	4.38E-05	4.77E-04	5.03E-03	8.26E-04	1.01E+00	1.54E-07	2.46E-08	3.79E+00	1.22E-01	1.12E-03	3.03E-02	5.00E-02	2.03E-01	2.24E+01	1.33E+00	1.17E-07	2.65E-08	1.95E-03	9.61E-05	1.64E-01	5.93E-01	2.37E+01	1.77E-05	2.37E+01	2.45E+01	7.57E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+00
47438903	5.19E-03	6.53E-01	-2.18E-02	7.13E-01	1.76E-07	0.00E+00	1.47E+01	4.39E-05	5.49E-04	5.67E-03	8.08E-04	1.44E+00	1.59E-07	3.25E-08	3.51E+00	1.23E-01	1.15E-03	3.04E-02	4.72E-02	2.47E-01	2.30E+01	1.40E+00	1.34E-07	3.01E-08	2.06E-03	1.38E-04	3.05E-01	5.95E-01	2.43E+01	2.11E-05	2.43E+01	2.52E+01	8.29E-01	0.00E+00	0.00E+00	7.67E-08	2.13E+00
47438907	5.20E-03	6.17E-01	-2.19E-02	6.57E-01	1.78E-07	0.00E+00	1.39E+01	4.40E-05	5.02E-04	5.29E-03	7.70E-04	1.45E+00	1.59E-07	3.19E-08	3.42E+00	1.20E-01	1.05E-03	3.06E-02	4.72E-02	2.35E-01	2.26E+01	1.31E+00	1.34E-07	3.05E-08	2.06E-03	1.25E-04	3.00E-01	5.88E-01	2.38E+01	2.12E-05	2.38E+01	2.46E+01	7.81E-01	0.00E+00	0.00E+00	7.67E-08	2.12E+00
47438912	4.65E-03	6.15E-01	-3.05E-02	6.45E-01	2.54E-08	0.00E+00	6.41E+00	4.04E-05	5.05E-04	5.43E-03	8.71E-04	9.40E-01	1.44E-07	2.31E-08	3.71E+00	1.11E-01	1.18E-03	2.98E-02	5.28E-02	2.08E-01	2.30E+01	1.34E+00	1.16E-07	2.72E-08	2.02E-03	9.77E-05	3.24E-01	6.83E-01	2.43E+01	1.67E-05	2.43E+01	2.53E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
47438913	4.79E-03	6.25E-01	-2.20E-02	6.72E-01	3.38E-07	0.00E+00	7.15E+00	4.40E-05	5.08E-04	5.36E-03	8.50E-04	1.04E+00	1.54E-07	2.61E-08	3.49E+00	1.23E-01	1.15E-03	3.06E-02	5.01E-02	2.18E-01	2.30E+01	1.38E+00	1.35E-07	2.74E-08	2.01E-03	1.06E-04	3.05E-01	5.95E-01	2.43E+01	1.86E-05	2.42E+01	2.51E+01	8.36E-01	0.00E+00	0.00E+00	7.67E-08	2.15E+00
47438914	5.19E-03	6.53E-01	-2.18E-02	7.13E-01	1.76E-07	0.00E+00	1.47E+01	4.39E-05	5.49E-04	5.67E-03	8.08E-04	1.44E+00	1.59E-07	3.25E-08	3.51E+00	1.23E-01	1.15E-03	3.04E-02	4.72E-02	2.47E-01	2.30E+01	1.40E+00	1.34E-07	3.01E-08	2.06E-03	1.38E-04	3.05E-01	5.95E-01	2.43E+01	2.11E-05	2.43E+01	2.52E+01	8.29E-01	0.00E+00	0.00E+00	7.67E-08	2.13E+00
47438922	4.43E-03	5.77E-01	-2.33E-02	6.00E-01	2.70E-08	0.00E+00	6.28E+00	4.38E-05	4.66E-04	4.86E-03	8.28E-04	1.01E+00	1.54E-07	2.45E-08	3.81E+00	1.21E-01	1.12E-03	3.03E-02	4.98E-02	1.99E-01	2.21E+01	1.34E+00	1.15E-07	2.58E-08	1.91E-03	9.49E-05	8.29E-02	5.92E-01	2.34E+01	1.78E-05	2.34E+01	2.41E+01	6.74E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+00
47438982	4.54E-03	6.01E-01	-2.91E-02	6.30E-01	2.54E-08	0.00E+00	6.58E+00	4.04E-05	4.93E-04	5.19E-03	8.63E-04	9.39E-01	1.44E-07	2.30E-08	2.51E+00	1.11E-01	1.17E-03	2.98E-02	5.29E-02	2.07E-01	2.26E+01	1.32E+00	1.17E-07	2.65E-08	1.99E-03	9.84E-05	1.68E-01	6.84E-01	2.39E+01	1.67E-05	2.39E+01	2.48E+01	8.53E-01	0.00E+00	0.00E+00	0.00E+00	2.27E+00
47438989	5.38E-03	6.12E-01	-2.19E-02	6.34E-01	2.70E-08	0.00E+00	6.72E+00	4.40E-05	4.99E-04	5.29E-03	8.21E-04	9.51E-01	1.45E-07	4.39E-08	2.49E+00	1.22E-01	1.11E-03	3.03E-02	4.91E-02	1.77E-01	2.28E+01	1.32E+00	1.23E-07	2.66E-08	2.03E-03	9.66E-05	1.27E-01	5.93E-01	2.41E+01	1.66E-05	2.41E+01	2.48E+01	7.20E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+00
47441404	5.45E-03	7.91E-01	-1.76E-02	8.52E-01	7.61E-06	0.00E+00	4.74E+01	4.32E-05	5.57E-04	5.97E-03	8.43E-04	1.04E+00	1.57E-07	4.08E-08	2.62E+00	1.44E-01	1.14E-03	3.53E-02	4.62E-02	1.97E-01	2.66E+01	1.88E+00	8.24E-07	2.89E-08	2.31E-03	1.66E-04	3.69E-01	5.11E-01	2.84E+01	1.78E-05	2.86E+01	2.92E+01	9.09E-01	0.00E+00	0.00E+00	3.90E-10	2.00E+00
47441606	5.73E-03	7.59E-01	-2.76E-02	7.87E-01	1.33E-05	0.00E+00	4.02E+01	4.52E-05	5.65E-04	6.29E-03	8.53E-04	9.85E-01	1.51E-07	4.80E-08	2.67E+00	1.61E-01	1.15E-03	3.57E-02	4.59E-02	1.94E-01	2.47E+01	1.90E+00	8.06E-07	2.85E-08	2.08E-03	8.52E-05	6.36E-01	5.94E-01	2.66E+01	1.71E-05	2.66E+01	2.78E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00
47441909	5.35E-03	7.29E-01	-1.73E-02	7.40E-01	7.39E-06	0.00E+00	4.41E+01	4.33E-05	5.18E-04	5.55E-03	7.40E-04	1.57E+00	1.63E-07	3.81E-08	2.81E+00	1.53E-01	1.11E-03	3.56E-02	4.52E-02	2.56E-01	2.30E+01	1.89E+00	8.14E-07	3.06E-08	1.96E-03	2.25E-04	3.69E-01	5.05E-01	2.55E+01	2.42E-05	2.55E+01	2.61E+01	9.43E-01	0.00E+00	0.00E+00	3.90E-10	1.98E+00
47441949	4.90E-03	7.10E-01	-1.77E-02	7.18E-01	7.60E-06	0.00E+00	5.39E+01	4.33E-05	5.10E-04	5.46E-03	8.31E-04	1.05E+00	1.57E-07	3.70E-08	2.62E+00	1.44E-01	1.13E-03	3.52E-02	4.62E-02	2.08E-01	2.31E+01	1.88E+00	8.07E-07	2.63E-08	1.90E-03	1.98E-04	3.67E-01	5.06E-01	2.54E+01	1.79E-05	2.55E+01	2.60E+01	8.98E-01	0.00E+00	0.00E+00	3.90E-10	1.99E+00
47442045	6.34E-03	7.80E-01	-5.46E-02	8.34E-01	1.47E-05	0.00E+00	4.05E+01	5.18E-05	6.13E-04	6.82E-03	1.00E-03	1.01E+00	1.54E-07	4.82E-08	3.30E+00	2.53E-01	1.36E-03	3.60E-02	5.41E-02	1.89E-01	2.60E+01	1.65E+00	8.16E-07	3.28E-08	2.24E-03	7.91E-05	7.15E-01	9.66E-01	2.76E+01	1.73E-05	2.76E+01	2.93E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
47442079	4.58E-03	6.95E-01	-1.92E-02	7.19E-01	2.12E-05	0.00E+00	3.99E+01	4.47E-05	5.05E-04	5.38E-03	8.74E-04	1.06E+00	1.55E-07	2.87E-08	2.71E+00	1.79E-01	1.18E-03	3.06E-02	4.68E-02	2.15E-01	2.30E+01	1.81E+00	7.99E-07	2.64E-08	1.95E-03	9.07E-05	3.05E-01	5.11E-01	2.49E+01	2.39E-05	2.49E+01	2.58E+01	8.17E-01	0.00E+00	0.00E+00	3.90E-10	2.01E+00
47442089	5.72E-03	7.66E-01	-2.45E-02	7.91E-01	1.47E-05	0.00E+00	4.03E+01	4.52E-05	5.66E-04	6.39E-03	8.35E-04	1.01E+00	1.51E-07	4.82E-08	2.68E+00	1.65E-01	1.13E-03	3.58E-02	4.59E-02	1.94E-01	2.50E+01	1.91E+00	8.07E-07	2.93E-08	2.09E-03	8.68E-05	7.47E-01	5.92E-01	2.69E+01	1.73E-05	2.69E+01	2.82E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00
47446084	5.62E-03	7.94E-01	-2.09E-02	8.53E-01	9.74E-06	0.00E+00	4.23E+01	4.45E-05	5.61E-04	5.89E-03	8.50E-04	1.52E+00	1.57E-07	4.75E-08	2.80E+00	1.65E-01	1.15E-03	3.55E-02	4.66E-02	2.03E-01	2.68E+01	1.58E+00	8.25E-07	3.18E-08	2.34E-03	9.08E-05	3.65E-01	5.12E-01	2.83E+01	3.63E-05	2.86E+01	2.92E+01	9.27E-01	0.00E+00	0.00E+00	3.90E-10	2.01E+00
47446086	5.93E-03	7.76E-01	-2.40E-02	7.83E-01	1.08E-05	0.00E+00	4.15E+01	4.60E-05	5.73E-04	5.87E-03	8.74E-04	1.55E+00	1.52E-07	4.77E-08	2.81E+00	1.70E-01	1.18E-03	3.54E-02	4.69E-02	2.23E-01	2.69E+01	1.59E+00	8.16E-07	3.31E-08	2.29E-03	9.74E-05	4.19E-01	5.23E-01	2.92E+01	3.71E-05	2.89E+01	2.97E+01	1.05E+00	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47446089	4.99E-03	7.02E-01	-2.05E-02	7.16E-01	6.63E-06	0.00E+00	4.92E+01	4.38E-05	5.10E-04	5.31E-03	8.49E-04	1.50E+00	1.57E-07	4.12E-08	2.73E+00	1.50E-01	1.15E-03	3.52E-02	4.67E-02	2.17E-01	2.30E+01	1.59E+00	8.07E-07	2.99E-08	1.91E-03	2.03E-04	3.59E-01	5.12E-01	2.52E+01	3.69E-05	2.52E+01	2.56E+01	9.41E-01	0.00E+00	0.00E+00	3.90E-10	2.00E+00
47448982	5.38E-03	7.34E-01	-1.74E-02	7.55E-01	7.39E-06	0.00E+00	4.41E+01	4.33E-05	5.29E-04	5.61E-03	7.48E-04	1.57E+00	1.63E-07	3.81E-08	2.80E+00	1.53E-01	1.12E-03	3.55E-02	4.52E-02	2.46E-01	2.32E+01	1.89E+00	8.15E-07	3.07E-08	2.00E-03	2.26E-04	3.69E-01	5.06E-01	2.55E+01	2.42E-05	2.55E+01	2.63E+01	9.53E-01	0.00E+00	0.00E+00	3.90E-10	1.98E+00
47448989	4.79E-03	7.50E-01	-1.84E-02	7.69E-01	1.33E-05	0.00E+00	4.00E+01	4.48E-05	5.41E-04	6.06E-03	8.12E-04	1.05E+00	1.59E-07	2.80E-08	2.78E+00	1.61E-01	1.10E-03	3.57E-02	4.68E-02	2.18E-01	2.44E+01	1.90E+00	7.99E-07	2.85E-08	2.01E-03	8.37E-05	7.22E-01	5.03E-01	2.63E+01	1.82E-05	2.63E+01	2.76E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+00
474520	4.32E-03	5.67E-01	-2.06E-02	5.87E-01	2.70E-08	0.00E+00	6.01E+00	4.37E-05	4.51E-04	4.72E-03	7.03E-04	1.01E+00	1.53E-07	2.45E-08	2.61E+00	1.21E-01	9.51E-04	3.56E-02	4.91E-02	1.89E-01	2.24E+01	1.19E+00	1.04E-07	2.52E-08	1.84E-03	8.63E-05	7.56E-02	5.62E-01	2.36E+01	1.76E-05	2.36E+01	2.42E+01	6.38E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+00
47452045	4.24E-03	5.70E-01	-2.99E-02	6.00E-01	5.19E-06	0.00E+00	4.76E+00	4.51E-05	4.49E-04	4.84E-03	7.48E-04	9.35E-01	1.44E-07	2.31E-08	3.68E+00	1.89E-01	1.01E-03	3.51E-02	5.48E-02	1.56E-01	2.27E+01	1.18E+00	6.51E-08	2.55E-08	1.73E-03	5.91E-05	3.15E-01	5.84E-01	2.39E+01	1.67E-05	2.39E+01	2.48E+01	8.99E-01	0.00E+00	0.00E+00	0.00E+00	2.36E+00
474521	4.22E-03	5.50E-01	-2.20E-02	5.72E-01	2.70E-08	0.00E+00	5.61E+00	4.37E-05	4.40E-04	4.61E-03	6.99E-04	1.01E+00	1.53E-07	2.44E-08	2.61E+00	1.21E-01	9.46E-04	3.56E-02	4.85E-02	1.79E-01	2.21E+01	1.14E+00	9.68E-08	2.46E-08	1.78E-03	8.06E-05	7.39E-02	5.51E-01	2.32E+01	1.76E-05	2.32E+01	2.39E+01	6.25E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+00
47461404	5.46E-03	7.91E-01	-1.73E-02	8.51E-01	8.15E-06	0.00E+00	4.74E+01	4.32E-05	5.58E-04	5.99E-03	8.43E-04	1.04E+00	1.57E-07	4.09E-08	2.63E+00	1.49E-01	1.14E-03	3.53E-02	4.63E-02	1.97E-01	2.66E+01	1.88E+00	8.23E-07	2.87E-08	2.31E-03	1.66E-04	3.74E-01	5.11E-01	2.84E+01	1.78E-05	2.87E+01	2.92E+01	9.20E-01	0.00E+00	0.00E+00	3.90E-10	2.00E+00
47461606	5.44E-03	7.30E-01	-1.74E-02	7.51E-01	1.11E-05	0.00E+00	4.42E+01	4.41E-05	5.33E-04	5.63E-03	7.46E-04	1.63E+00	1.64E-07	4.53E-08	2.88E+00	1.73E-01	1.12E-03	3.53E-02	4.55E-02	2.37E-01	2.33E+01	1.85E+00	8.14E-07	3.10E-08	2.01E-03	1.38E-04	3.78E-01	5.04E-01	2.55E+01	2.42E-05	2.55E+01	2.63E+01	9.51E-01	0.00E+00	0.00E+00	3.90E-10	1.99E+00
47461909	5.39E-03	7.33E-01	-2.23E-02	7.69E-01	8.17E-06	0.00E+00	4.41E+01	4.37E-05	6.06E-04	6.12E-03	7.75E-04	1.60E+00	1.64E-07	4.07E-08	2.96E+00	1.59E-01	1.16E-03	3.55E-02	4.55E-02	2.45E-01	2.33E+01	1.88E+00	8.14E-07	3.09E-08	2.12E-03	2.26E-04	4.20E-01	5.14E-01	2.57E+01	2.47E-05	2.57E+01	2.64E+01	1.11E+00	0.00E+00	0.00E+00	3.90E-10	1.99E+00
47466084	6.43E-03	8.23E-01	-2.07E-02	8.27E-01	1.18E-05	0.00E+00	4.37E+01	4.57E-05	6.07E-04	6.21E-03	8.75E-04	1.60E+00	1.54E-07	4.52E-08	2.80E+00	1.85E-01	1.18E-03	3.52E-02	4.71E-02	2.32E-01	2.88E+01	1.59E+00	8.38E-07	3.44E-08	2.77E-03	9.74E-05	3.80E-01	5.12E-01	3.09E+01	3.71E-05	3.07E+01	3.16E+01	9.80E-01	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47466086	5.75E-03	7.47E-01	-2.03E-02	7.55E-01	1.31E-05	0.00E+00	4.15E+01	4.58E-05	5.66E-04	5.76E-03	8.73E-04	1.53E+00	1.54E-07	4.76E-08	2.79E+00	1.83E-01	1.18E-03	3.53E-02	4.70E-02	2.16E-01	2.66E+01	1.55E+00	8.15E-07	3.23E-08	2.20E-03	9.63E-05	3.72E-01	5.13E-01	2.89E+01	3.69E-05	2.85E+01	2.92E+01	9.46E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47466089	5.10E-03	6.99E-01	-2.00E-02	7.20E-01	1.00E-05	0.00E+00	4.93E+01	4.36E-05	5.27E-04	5.45E-03	8.74E-04	1.47E+00	1.57E-07	4.26E-08	2.70E+00	1.66E-01	1.18E-03	3.52E-02	4.70E-02	2.40E-01	2.31E+01	1.60E+00	8.07E-07	3.01E-08	2.03E-03	2.07E-04	3.72E-01	5.14E-01	2.52E+01	3.77E-05	2.52E+01	2.56E+01	9.88E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47468982	5.53E-03	7.46E-01	-1.75E-02	7.74E-01	7.55E-06	0.00E+00	4.43E+01	4.38E-05	6.07E-04	6.12E-03	7.79E-04	1.59E+00	1.64E-07	4.06E-08	2.92E+00	1.59E-01	1.17E-03	3.54E-02	4.61E-02	2.46E-01	2.33E+01	1.86E+00	8.19E-07	3.08E-08	2.17E-03	1.45E-04	3.63E-01	5.65E-01	2.56E+01	2.52E-05	2.56E+01	2.63E+01	9.66E-01	0.00E+00	0.00E+00	3.90E-10	2.04E+00
47468989	5.95E-03	8.12E-01	-2.31E-02	8.32E-01	7.52E-06	0.00E+00	4.44E+01	4.36E-05	6.30E-04	6.41E-03	8.06E-04	1.70E+00	1.64E-07	4.15E-08	2.97E+00	1.59E-01	1.22E-03	3.54E-02	4.65E-02	2.74E-01	2.37E+01	1.86E+00	8.19E-07	3.28E-08	2.36E-03	1.49E-04	4.43E-01	6.20E-01	2.60E+01	2.84E-05	2.60E+01	2.68E+01	1.18E+00	0.00E+00	0.00E+00	3.90E-10	2.05E+00
47477103	5.13E-03	7.41E-01	-1.79E-02	7.81E-01	7.83E-06	0.00E+00	4.93E+01	4.42E-05	5.68E-04	6.12E-03	9.23E-04	1.45E+00	1.58E-07	3.82E-08	2.83E+00	1.64E-01	1.25E-03	3.49E-02	4.72E-02	2.47E-01	2.43E+01	1.83E+00	8.12E-07	2.97E-08	2.16E-03	2.03E-04	5.27E-01	5.16E-01	2.63E+01	1.92E-05	2.64E+01	2.73E+01	1.02E+00	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47477104	7.79E-03	1.37E+00	-1.75E-02	1.38E+00	7.86E-06	0.00E+00	5.14E+01	4.43E-05	9.88E-04	1.05E-02	1.01E-03	1.45E+00	1.59E-07	3.85E-08	2.86E+00	1.66E-01	1.37E-03	5.00E-02	4.99E-02	4.42E-01	3.07E+01	1.87E+00	8.47E-07	4.34E-08	3.33E-03	2.25E-04	6.00E-01	5.21E-01	3.23E+01	1.99E-05	3.24E+01	3.30E+01	1.19E+00	0.00E+00	0.00E+00	7.75E-03	2.13E+00
47477106	4.90E-03	7.17E-01	-1.79E-02	7.22E-01	8.90E-06	0.00E+00	4.00E+01	4.43E-05	5.30E-04	5.45E-03	8.65E-04	1.36E+00	1.57E-07	3.64E-08	2.77E+00	1.67E-01	1.17E-03	3.51E-02	4.68E-02	2.02E-01	2.32E+01	1.88E+00	8.01E-07	2.66E-08	1.97E-03	8.84E-05	3.66E-01	5.08E-01	2.53E+01	1.82E-05	2.53E+01	2.61E+01	9.26E-01	0.00E+00	0.00E+00	3.90E-10	2.01E+00
47477109	4.97E-03	7.21E-01	-2.52E-02	7.41E-01	7.58E-06	0.00E+00	4.95E+01	4.30E-05	5.32E-04	5.53E-03	9.02E-04	1.40E+00	1.54E-07	4.04E-08	2.70E+00	1.50E-01	1.22E-03	3.53E-02	4.72E-02	2.38E-01	2.36E+01	1.89E+00	8.08E-07	2.79E-08	2.07E-03	2.02E-04	4.45E-01	5.88E-01	2.58E+01	1.86E-05	2.59E+01	2.65E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47487103	5.24E-03	7.18E-01	-6.12E-03	7.44E-01	1.09E-05	0.00E+00	3.92E+01	4.15E-05	5.58E-04	6.23E-03	9.02E-04	1.51E+00	1.55E-07	3.50E-08	2.78E+00	1.79E-01	1.22E-03	3.46E-02	4.51E-02	2.42E-01	2.31E+01	1.83E+00	8.00E-07	2.92E-08	2.17E-03	1.78E-04	3.79E-01	2.45E-01	2.54E+01	2.10E-05	2.53E+01	2.62E+01	9.65E-01	0.00E+00	0.00E+00	3.90E-10	1.96E+00
47487104	7.83E-03	1.37E+00	-1.71E-02	1.38E+00	1.07E-05	0.00E+00	4.24E+01	4.41E-05	9.87E-04	1.05E-02	1.01E-03	1.40E+00	1.59E-07	3.72E-08	2.82E+00	1.81E-01	1.37E-03	5.00E-02	4.99E-02	4.42E-01	3.07E+01	1.87E+00	8.41E-07	4.34E-08	3.33E-03	1.99E-04	6.01E-01	5.22E-01	3.23E+01	1.97E-05	3.24E+01	3.30E+01	1.22E+00	0.00E+00	0.00E+00	7.76E-03	2.13E+00
47487106	5.63E-03	8.09E-01	-1.73E-02	8.58E-01	1.19E-05	0.00E+00	4.27E+01	4.41E-05	6.15E-04	6.20E-03	8.66E-04	1.34E+00	1.58E-07	4.22E-08	2.74E+00	1.85E-01	1.17E-03	3.51E-02	4.69E-02	2.06E-01	2.70E+01	1.87E+00	8.24E-07	2.94E-08	2.90E-03	8.84E-05	3.72E-01	5.10E-01	2.85E+01	1.84E-05	2.87E+01	2.94E+01	9.48E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47487109	4.96E-03	7.22E-01	-2.23E-02	7.41E-01	1.09E-05	0.00E+00	4.95E+01	4.40E-05	5.31E-04	5.56E-03	9.04E-04	1.38E+00	1.57E-07	4.04E-08	2.70E+00	1.71E-01	1.23E-03	3.52E-02	4.71E-02	2.43E-01	2.35E+01	1.89E+00	8.08E-07	2.81E-08	2.06E-03	2.03E-04	4.22E-01	5.18E-01	2.57E+01	1.90E-05	2.57E+01	2.63E+01	1.12E+00	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47491404	5.73E-03	6.98E-01	-2.13E-02	7.33E-01	8.81E-06	0.00E+00	4.50E+01	3.37E-05	5.03E-04	5.53E-03	7.34E-04	1.83E+00	1.51E-07	4.34E-08	3.44E+00	1.67E-01	1.07E-03	3.01E-02	3.87E-02	2.30E-01	2.51E+01	1.47E+00	8.32E-07	3.18E-08	2.08E-03	1.75E-04	3.01E-01	5.05E-01	2.65E+01	2.53E-05	2.65E+01	2.74E+01	8.01E-01	0.00E+00	0.00E+00	3.90E-10	1.96E+00
47491606	4.57E-03	6.43E-01	-2.19E-02	6.64E-01	5.53E-06	0.00E+00	4.37E+01	4.40E-05	4.63E-04	4.95E-03	7.26E-04	1.04E+00	1.56E-07	3.34E-08	2.95E+00	1.40E-01	1.10E-03	3.08E-02	4.62E-02	1.57E-01	2.23E+01	1.40E+00	8.02E-07	2.52E-08	1.75E-03	8.12E-05	3.14E-01	5.00E-01	2.37E+01	1.77E-05	2.37E+01	2.45E+01	7.93E-01	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47491909	4.46E-03	6.38E-01	-2.17E-02	6.64E-01	4.65E-06	0.00E+00	4.36E+01	4.34E-05	4.63E-04	4.98E-03	6.58E-04	1.03E+00	1.55E-07	2.86E-08	2.97E+00	1.31E-01	1.10E-03	3.04E-02	4.62E-02	1.66E-01	2.21E+01	1.41E+00	7.98E-07	2.44E-08	1.75E-03	8.13E-05	3.08E-01	5.01E-01	2.34E+01	1.77E-05	2.34E+01	2.42E+01	7.85E-01	0.00E+00	0.00E+00	3.90E-10	2.01E+00
47496084	6.39E-03	8.34E-01	-2.98E-02	8.55E-01	2.53E-06	0.00E+00	4.30E+01	4.41E-05	6.23E-04	6.67E-03	9.21E-04	1.59E+00	1.55E-07	4.53E-08	3.91E+00	1.35E-01	1.24E-03	3.02E-02	5.18E-02	2.24E-01	2.68E+01	1.43E+00	8.64E-07	3.55E-08	2.87E-03	1.10E-04	5.29E-01	6.70E-01	2.82E+01	3.81E-05	2.82E+01	2.93E+01	1.28E+00	0.00E+00	0.00E+00	3.90E-10	2.20E+00
47496086	5.93E-03	7.96E-01	-2.94E-02	8.32E-01	3.81E-06	0.00E+00	4.26E+01	4.51E-05	5.83E-04	6.29E-03	9.04E-04	1.61E+00	1.52E-07	4.00E-08	3.96E+00	1.38E-01	1.23E-03	3.00E-02	5.18E-02	2.26E-01	2.69E+01	1.37E+00	8.52E-07	3.42E-08	2.35E-03	1.08E-04	5.10E-01	6.72E-01	2.82E+01	3.70E-05	2.80E+01	2.94E+01	1.28E+00	0.00E+00	0.00E+00	3.90E-10	2.22E+00
47496089	4.73E-03	6.77E-01	-2.29E-02	7.00E-01	2.30E-06	0.00E+00	4.08E+01	4.44E-05	5.03E-04	5.35E-03	8.48E-04	1.05E+00	1.59E-07	2.74E-08	3.88E+00	1.28E-01	1.15E-03	3.03E-02	5.00E-02	2.12E-01	2.30E+01	1.42E+00	8.53E-07	2.78E-08	2.03E-03	9.73E-05	2.66E-01	5.91E-01	2.44E+01	1.82E-05	2.44E+01	2.53E+01	8.57E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+00
47498982	4.81E-03	6.75E-01	-2.18E-02	6.87E-01	2.62E-06	0.00E+00	4.07E+01	4.41E-05	5.11E-04	5.40E-03	8.66E-04	1.02E+00	1.56E-07	2.70E-08	3.47E+00	1.24E-01	1.17E-03	3.03E-02	4.98E-02	2.10E-01	2.30E+01	1.38E+00	8.53E-07	2.76E-08	2.03E-03	9.68E-05	2.76E-01	5.98E-01	2.45E+01	1.77E-05	2.45E+01	2.53E+01	8.35E-01	0.00E+00	0.00E+00	3.90E-10	2.17E+00
47498989	5.01E-03	7.23E-01	-3.07E-02	7.53E-01	2.93E-06	0.00E+00	4.01E+01	4.11E-05	5.49E-04	6.07E-03	8.90E-04	9.79E-01	1.49E-07	2.60E-08	3.87E+00	1.21E-01	1.20E-03	2.98E-02	5.27E-02	2.18E-01	2.41E+01	1.39E+00	8.49E-07	2.97E-08	2.15E-03	9.74E-05	6.23E-01	6.75E-01	2.54E+01	1.72E-05	2.54E+01	2.67E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
47501404	5.65E-03	6.73E-01	-2.16E-02	6.91E-01	4.87E-06	0.00E+00	1.34E+01	4.36E-05	4.98E-04	5.55E-03	7.12E-04	1.54E+00	1.57E-07	4.01E-08	3.38E+00	1.31E-01	1.07E-03	3.08E-02	4.40E-02	2.30E-01	2.50E+01	1.42E+00	7.62E-08	3.11E-08	2.08E-03	1.52E-04	2.85E-01	5.03E-01	2.63E+01	2.11E-05	2.63E+01	2.73E+01	7.73E-01	0.00E+00	0.00E+00	3.90E-10	1.99E+00
47501606	5.21E-03	6.15E-01	-2.18E-02	6.52E-01	5.53E-06	0.00E+00	1.30E+01	4.42E-05	4.79E-04	5.13E-03	7.68E-04	1.61E+00	1.59E-07	3.63E-08	3.47E+00	1.48E-01	1.06E-03	3.16E-02	4.44E-02	2.16E-01	2.23E+01	1.33E+00	7.68E-08	2.96E-08	1.92E-03	1.27E-04	2.90E-01	5.01E-01	2.34E+01	2.13E-05	2.34E+01	2.41E+01	7.55E-01	0.00E+00	0.00E+00	3.90E-10	2.01E+00
47501902	5.16E-03	6.38E-01	-2.61E-02	6.72E-01	5.33E-06	0.00E+00	1.36E+01	4.35E-05	4.86E-04	5.30E-03	7.74E-04	1.48E+00	1.58E-07	3.76E-08	3.72E+00	1.39E-01	1.11E-03	3.10E-02	4.44E-02	2.24E-01	2.27E+01	1.40E+00	2.03E-07	2.92E-08	1.90E-03	1.67E-04	3.49E-01	5.29E-01	2.39E+01	2.19E-05	2.39E+01	2.47E+01	9.67E-01	0.00E+00	0.00E+00	3.90E-10	2.00E+00
47501903	5.29E-03	6.27E-01	-2.14E-02	6.65E-01	8.57E-06	0.00E+00	1.95E+01	3.47E-05	4.80E-04	5.18E-03	5.96E-04	1.80E+00	1.63E-07	3.60E-08	4.92E+00	1.64E-01	8.96E-04	3.04E-02	3.87E-02	2.32E-01	2.20E+01	1.36E+00	2.07E-07	2.94E-08	1.93E-03	1.69E-04	2.80E-01	5.02E-01	2.34E+01	2.30E-05	2.34E+01	2.43E+01	7.55E-01	0.00E+00	0.00E+00	1.13E-04	1.95E+00
47501907	5.17E-03	6.36E-01	-2.67E-02	6.72E-01	5.35E-06	0.00E+00	1.36E+01	4.34E-05	4.86E-04	5.30E-03	7.74E-04	1.48E+00	1.59E-07	3.76E-08	3.74E+00	1.40E-01	1.11E-03	3.09E-02	4.46E-02	2.24E-01	2.26E+01	1.39E+00	2.03E-07	2.93E-08	1.90E-03	1.67E-04	3.54E-01	5.66E-01	2.39E+01	2.29E-05	2.39E+01	2.47E+01	1.01E+00	0.00E+00	0.00E+00	7.67E-08	2.00E+00
47501909	5.22E-03	6.19E-01	-2.16E-02	6.54E-01	4.76E-06	0.00E+00	1.29E+01	4.36E-05	4.80E-04	5.15E-03	7.16E-04	1.54E+00	1.57E-07	3.40E-08	3.38E+00	1.31E-01	1.06E-03	3.09E-02	4.40E-02	2.27E-01	2.21E+01	1.36E+00	7.54E-08	2.89E-08	1.92E-03	1.42E-04	2.84E-01	5.02E-01	2.32E+01	2.07E-05	2.32E+01	2.39E+01	7.58E-01	0.00E+00	0.00E+00	3.90E-10	1.99E+00
47501913	5.23E-03	6.54E-01	-2.55E-02	6.85E-01	8.60E-06	0.00E+00	1.96E+01	3.47E-05	4.89E-04	5.30E-03	7.32E-04	1.78E+00	1.64E-07	3.61E-08	5.14E+00	1.69E-01	9.48E-04	3.07E-02	3.88E-02	2.36E-01	2.25E+01	1.44E+00	2.08E-07	2.91E-08	1.92E-03	1.81E-04	3.30E-01	5.05E-01	2.41E+01	2.29E-05	2.40E+01	2.53E+01	8.68E-01	0.00E+00	0.00E+00	1.28E-04	1.96E+00
47501914	4.61E-03	5.93E-01	-2.13E-02	6.19E-01	5.60E-06	0.00E+00	1.13E+01	4.34E-05	4.63E-04	4.93E-03	7.77E-04	9.89E-01	1.47E-07	3.23E-08	2.93E+00	1.32E-01	1.06E-03	3.02E-02	4.59E-02	1.50E-01	2.23E+01	1.33E+00	1.99E-07	2.47E-08	1.74E-03	7.79E-05	2.91E-01	5.01E-01	2.38E+01	1.72E-05	2.37E+01	2.47E+01	7.47E-01	0.00E+00	0.00E+00	7.67E-08	1.99E+00
47501915	5.36E-03	6.37E-01	-2.15E-02	6.66E-01	9.22E-06	0.00E+00	1.95E+01	3.51E-05	4.85E-04	5.22E-03	6.31E-04	1.81E+00	1.63E-07	3.89E-08	4.98E+00	1.67E-01	8.96E-04	3.05E-02	3.91E-02	2.20E-01	2.24E+01	1.36E+00	2.08E-07	2.96E-08	1.96E-03	1.52E-04	2.86E-01	5.00E-01	2.40E+01	2.35E-05	2.40E+01	2.51E+01	7.60E-01	0.00E+00	0.00E+00	1.13E-04	1.97E+00
47501924	5.18E-03	6.18E-01	-2.17E-02	6.44E-01	5.59E-06	0.00E+00	3.91E+01	3.71E-05	4.84E-04	5.14E-03	6.26E-04	1.89E+00	1.65E-07	3.50E-08	4.99E+00	1.79E-01	8.77E-04	2.91E-02	4.05E-02	2.23E-01	2.22E+01	1.42E+00	8.46E-08	3.00E-08	1.99E-03	1.22E-04	2.73E-01	4.94E-01	2.35E+01	2.88E-05	2.35E+01	2.45E+01	7.98E-01	0.00E+00	0.00E+00	1.13E-04	2.03E+00
47506002	4.90E-03	6.23E-01	-2.19E-02	6.70E-01	2.38E-06	0.00E+00	8.98E+00	4.37E-05	5.13E-04	5.41E-03	8.66E-04	1.42E+00	1.52E-07	3.34E-08	3.54E+00	1.28E-01	1.17E-03	3.06E-02	5.03E-02	2.18E-01	2.28E+01	1.39E+00	1.22E-07	3.00E-08	2.02E-03	1.07E-04	2.40E-01	5.95E-01	2.42E+01	3.50E-05	2.41E+01	2.50E+01	7.92E-01	0.00E+00	0.00E+00	3.90E-10	2.16E+00
47506003	4.91E-03	6.23E-01	-2.19E-02	6.70E-01	2.39E-06	0.00E+00	8.98E+00	4.37E-05	5.13E-04	5.41E-03	8.66E-04	1.41E+00	1.52E-07	3.34E-08	3.56E+00	1.28E-01	1.17E-03	3.06E-02	5.03E-02	2.17E-01	2.28E+01	1.39E+00	1.22E-07	3.01E-08	2.02E-03	1.07E-04	2.40E-01	5.96E-01	2.42E+01	3.50E-05	2.41E+01	2.50E+01	7.92E-01	0.00E+00	0.00E+00	7.67E-08	2.16E+00
47506007	4.90E-03	6.16E-01	-2.19E-02	6.69E-01	2.39E-06	0.00E+00	8.98E+00	4.37E-05	5.09E-04	5.38E-03	8.56E-04	1.41E+00	1.53E-07	3.30E-08	3.55E+00	1.29E-01	1.16E-03	3.06E-02	5.01E-02	2.17E-01	2.27E+01	1.39E+00	1.22E-07	3.00E-08	2.00E-03	1.07E-04	2.40E-01	5.95E-01	2.41E+01	3.43E-05	2.41E+01	2.50E+01	7.92E-01	0.00E+00	0.00E+00	7.67E-08	2.16E+00
47506013	4.93E-03	6.26E-01	-2.54E-02	6.76E-01	2.41E-06	0.00E+00	8.98E+00	4.40E-05	5.13E-04	5.49E-03	8.72E-04	1.41E+00	1.52E-07	3.37E-08	3.81E+00	1.29E-01	1.18E-03	3.09E-02	5.03E-02	2.24E-01	2.29E+01	1.39E+00	1.19E-07	3.03E-08	2.07E-03	1.08E-04	2.78E-01	5.93E-01	2.42E+01	3.51E-05	2.42E+01	2.52E+01	8.60E-01	0.00E+00	0.00E+00	7.67E-08	2.17E+00
47506014	4.91E-03	6.23E-01	-2.19E-02	6.70E-01	2.39E-06	0.00E+00	8.98E+00	4.37E-05	5.13E-04	5.41E-03	8.66E-04	1.41E+00	1.52E-07	3.34E-08	3.56E+00	1.28E-01	1.17E-03	3.06E-02	5.03E-02	2.17E-01	2.28E+01	1.39E+00	1.22E-07	3.01E-08	2.02E-03	1.07E-04	2.40E-01	5.96E-01	2.42E+01	3.50E-05	2.41E+01	2.50E+01	7.92E-01	0.00E+00	0.00E+00	7.67E-08	2.16E+00
47506015	4.67E-03	6.17E-01	-2.20E-02	6.68E-01	2.33E-06	0.00E+00	6.57E+00	4.39E-05	5.07E-04	5.38E-03	8.63E-04	1.02E+00	1.53E-07	2.56E-08	3.49E+00	1.26E-01	1.17E-03	3.06E-02	5.03E-02	2.18E-01	2.28E+01	1.38E+00	1.22E-07	2.72E-08	1.99E-03	1.06E-04	2.32E-01	5.95E-01	2.41E+01	1.83E-05	2.41E+01	2.49E+01	7.90E-01	0.00E+00	0.00E+00	3.90E-10	2.16E+00
47506084	5.86E-03	7.18E-01	-2.18E-02	7.49E-01	2.50E-06	0.00E+00	9.94E+00	4.41E-05	5.73E-04	6.18E-03	8.56E-04	1.53E+00	1.52E-07	4.12E-08	3.53E+00	1.33E-01	1.16E-03	3.08E-02	5.02E-02	2.22E-01	2.60E+01	1.45E+00	1.32E-07	3.40E-08	2.41E-03	1.08E-04	2.49E-01	5.95E-01	2.75E+01	3.47E-05	2.75E+01	2.83E+01	8.09E-01	0.00E+00	0.00E+00	3.90E-10	2.14E+00
47506086	5.76E-03	7.47E-01	-2.82E-02	7.78E-01	3.86E-06	0.00E+00	8.94E+00	4.49E-05	5.74E-04	6.06E-03	8.96E-04	1.64E+00	1.47E-07	3.60E-08	3.90E+00	1.36E-01	1.22E-03	3.08E-02	5.16E-02	2.52E-01	2.65E+01	1.40E+00	1.22E-07	3.46E-08	2.35E-03	1.11E-04	3.20E-01	6.70E-01	2.76E+01	3.56E-05	2.74E+01	2.85E+01	1.03E+00	0.00E+00	0.00E+00	3.90E-10	2.20E+00
47506089	4.61E-03	6.10E-01	-2.21E-02	6.32E-01	2.30E-06	0.00E+00	6.69E+00	4.38E-05	4.87E-04	5.16E-03	8.35E-04	1.01E+00	1.54E-07	2.46E-08	3.38E+00	1.28E-01	1.13E-03	3.03E-02	5.01E-02	2.12E-01	2.27E+01	1.40E+00	1.19E-07	2.70E-08	1.99E-03	1.00E-04	2.02E-01	5.97E-01	2.41E+01	1.77E-05	2.41E+01	2.49E+01	7.99E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+00
47508902	6.14E-03	8.38E-01	-2.89E-02	8.51E-01	2.43E-06	0.00E+00	1.40E+01	4.27E-05	6.48E-04	6.90E-03	8.47E-04	1.61E+00	1.57E-07	3.82E-08	4.01E+00	1.28E-01	1.22E-03	3.05E-02	4.84E-02	2.96E-01	2.36E+01	1.38E+00	1.14E-07	3.33E-08	2.43E-03	1.44E-04	4.96E-01	6.65E-01	2.51E+01	2.73E-05	2.51E+01	2.63E+01	1.28E+00	0.00E+00	0.00E+00	3.90E-10	2.19E+00
47508903	5.89E-03	7.59E-01	-2.76E-02	7.85E-01	2.45E-06	0.00E+00	1.41E+01	4.32E-05	6.28E-04	6.57E-03	8.29E-04	1.60E+00	1.58E-07	3.70E-08	3.89E+00	1.26E-01	1.19E-03	3.06E-02	4.80E-02	2.76E-01	2.31E+01	1.40E+00	1.14E-07	3.22E-08	2.42E-03	1.40E-04	3.23E-01	6.48E-01	2.46E+01	2.42E-05	2.46E+01	2.55E+01	1.03E+00	0.00E+00	0.00E+00	7.67E-08	2.17E+00
47508907	5.15E-03	6.15E-01	-2.20E-02	6.36E-01	2.41E-06	0.00E+00	1.32E+01	4.33E-05	4.88E-04	5.19E-03	7.48E-04	1.44E+00	1.59E-07	3.24E-08	3.46E+00	1.23E-01	1.03E-03	3.06E-02	4.67E-02	2.29E-01	2.24E+01	1.30E+00	1.20E-07	3.05E-08	2.06E-03	1.15E-04	2.44E-01	5.79E-01	2.35E+01	2.13E-05	2.36E+01	2.43E+01	7.55E-01	0.00E+00	0.00E+00	7.67E-08	2.13E+00
47508913	5.25E-03	6.60E-01	-2.17E-02	7.13E-01	6.72E-06	0.00E+00	2.01E+01	3.49E-05	5.38E-04	5.64E-03	7.67E-04	1.78E+00	1.64E-07	3.49E-08	5.06E+00	1.57E-01	9.80E-04	3.02E-02	4.11E-02	2.49E-01	2.28E+01	1.39E+00	1.27E-07	3.03E-08	2.06E-03	1.35E-04	2.50E-01	6.01E-01	2.44E+01	2.27E-05	2.44E+01	2.54E+01	7.97E-01	0.00E+00	0.00E+00	1.13E-04	2.10E+00
47508914	5.28E-03	6.60E-01	-2.16E-02	7.18E-01	8.23E-06	0.00E+00	2.00E+01	3.50E-05	6.05E-04	6.12E-03	7.75E-04	1.82E+00	1.63E-07	3.81E-08	5.08E+00	1.57E-01	1.00E-03	3.02E-02	4.10E-02	2.48E-01	2.28E+01	1.40E+00	1.27E-07	3.00E-08	2.14E-03	1.35E-04	2.50E-01	6.01E-01	2.44E+01	2.30E-05	2.44E+01	2.53E+01	8.06E-01	0.00E+00	0.00E+00	1.13E-04	2.09E+00
47508915	5.29E-03	6.61E-01	-2.16E-02	7.18E-01	6.71E-06	0.00E+00	2.02E+01	3.49E-05	6.07E-04	6.16E-03	7.75E-04	1.83E+00	1.62E-07	3.84E-08	5.07E+00	1.57E-01	1.00E-03	3.02E-02	4.12E-02	2.49E-01	2.28E+01	1.40E+00	1.27E-07	3.02E-08	2.16E-03	1.35E-04	2.50E-01	6.00E-01	2.44E+01	2.30E-05	2.44E+01	2.53E+01	7.95E-01	0.00E+00	0.00E+00	1.13E-04	2.10E+00
47508924	5.82E-03	7.55E-01	-2.69E-02	7.83E-01	5.95E-06	0.00E+00	4.89E+01	3.87E-05	6.36E-04	6.49E-03	8.06E-04	2.05E+00	1.65E-07	3.95E-08	5.26E+00	1.83E-01	1.03E-03	2.90E-02	4.09E-02	2.68E-01	2.30E+01	1.48E+00	8.47E-08	3.18E-08	2.40E-03	1.45E-04	3.29E-01	5.13E-01	2.45E+01	3.39E-05	2.45E+01	2.56E+01	9.68E-01	0.00E+00	0.00E+00	1.28E-04	2.05E+00
47508982	5.24E-03	6.56E-01	-2.19E-02	7.14E-01	2.38E-06	0.00E+00	1.41E+01	4.34E-05	6.01E-04	6.11E-03	8.08E-04	1.55E+00	1.58E-07	3.67E-08	3.59E+00	1.27E-01	1.16E-03	3.05E-02	4.72E-02	2.50E-01	2.28E+01	1.40E+00	1.20E-07	3.00E-08	2.16E-03	1.38E-04	2.51E-01	5.93E-01	2.42E+01	2.14E-05	2.42E+01	2.50E+01	7.98E-01	0.00E+00	0.00E+00	3.90E-10	2.14E+00
47508989	4.66E-03	6.23E-01	-2.99E-02	6.53E-01	2.93E-06	0.00E+00	6.61E+00	4.05E-05	5.08E-04	5.46E-03	8.79E-04	9.41E-01	1.44E-07	2.32E-08	3.34E+00	1.19E-01	1.19E-03	2.98E-02	5.28E-02	2.13E-01	2.31E+01	1.36E+00	1.14E-07	2.73E-08	2.03E-03	9.97E-05	3.33E-01	6.81E-01	2.44E+01	1.67E-05	2.44E+01	2.55E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
47511909	5.16E-03	6.68E-01	-2.18E-02	6.90E-01	2.70E-08	0.00E+00	3.98E+02	4.88E-05	5.21E-04	5.73E-03	8.30E-04	9.49E-01	1.47E-07	4.69E-08	2.52E+00	1.23E-01	1.12E-03	3.03E-02	4.52E-02	1.33E-01	2.32E+01	1.62E+00	6.76E-08	2.60E-08	1.91E-03	5.96E-05	3.63E-01	5.05E-01	2.48E+01	1.67E-05	2.48E+01	2.57E+01	8.68E-01	0.00E+00	0.00E+00	0.00E+00	1.94E+00
47512045	4.32E-03	6.60E-01	-2.00E-02	6.80E-01	2.09E-05	0.00E+00	3.94E+01	4.85E-05	4.59E-04	4.87E-03	8.55E-04	1.06E+00	1.59E-07	2.77E-08	3.14E+00	2.33E-01	1.16E-03	3.04E-02	5.12E-02	1.92E-01	2.26E+01	1.61E+00	8.04E-07	2.65E-08	1.78E-03	7.49E-05	2.60E-01	5.08E-01	2.42E+01	1.86E-05	2.42E+01	2.50E+01	7.68E-01	0.00E+00	0.00E+00	0.00E+00	2.20E+00
47512089	4.23E-03	6.67E-01	-1.91E-02	6.86E-01	2.09E-05	0.00E+00	3.96E+01	4.48E-05	4.72E-04	5.01E-03	8.55E-04	1.06E+00	1.59E-07	2.76E-08	2.73E+00	1.80E-01	1.16E-03	3.04E-02	4.65E-02	2.13E-01	2.23E+01	1.77E+00	7.99E-07	2.55E-08	1.79E-03	8.37E-05	2.63E-01	5.08E-01	2.41E+01	1.86E-05	2.41E+01	2.48E+01	7.71E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+00

47516039	5.36E-03	7.26E-01	-2.37E-02	7.41E-01	2.30E-05	0.00E+00	3.30E+01	4.25E-05	5.43E-04	5.97E-03	9.35E-04	1.59E+00	1.55E-07	3.70E-08	2.71E+00	1.88E-01	1.26E-03	3.10E-02	4.77E-02	3.30E-01	2.40E+01	1.58E+00	7.05E-08	3.92E-08	2.12E-03	1.21E-04	5.20E-01	5.77E-01	2.59E+01	3.71E-05	2.59E+01	2.71E+01	1.14E+00	0.00E+00	0.00E+00	7.67E-08	2.05E+00
47516059	5.34E-03	7.26E-01	-2.30E-02	7.41E-01	2.31E-05	0.00E+00	3.30E+01	4.38E-05	5.42E-04	5.95E-03	9.34E-04	1.59E+00	1.55E-07	3.69E-08	2.71E+00	1.88E-01	1.26E-03	3.11E-02	4.76E-02	3.30E-01	2.39E+01	1.59E+00	7.24E-08	3.92E-08	2.12E-03	1.21E-04	4.84E-01	5.44E-01	2.58E+01	3.71E-05	2.58E+01	2.69E+01	1.11E+00	0.00E+00	0.00E+00	3.90E-10	2.04E+00
47516064	6.13E-03	9.01E-01	-2.00E-02	9.69E-01	2.33E-05	0.00E+00	3.43E+01	4.45E-05	6.61E-04	6.57E-03	9.01E-04	1.63E+00	1.56E-07	4.37E-08	2.81E+00	1.89E-01	1.22E-03	3.13E-02	4.70E-02	3.24E-01	2.73E+01	1.58E+00	7.69E-08	3.65E-08	3.72E-03	1.19E-04	3.29E-01	5.16E-01	2.88E+01	3.66E-05	2.90E+01	2.97E+01	8.42E-01	0.00E+00	0.00E+00	3.90E-10	1.99E+00
47516066	4.72E-03	6.95E-01	-2.03E-02	7.16E-01	2.29E-05	0.00E+00	3.12E+01	4.48E-05	5.18E-04	5.64E-03	8.76E-04	1.05E+00	1.59E-07	2.75E-08	2.76E+00	1.86E-01	1.19E-03	3.03E-02	4.67E-02	2.16E-01	2.43E+01	1.85E+00	6.98E-08	2.80E-08	2.17E-03	9.38E-05	4.74E-01	5.10E-01	2.62E+01	1.83E-05	2.62E+01	2.71E+01	9.84E-01	0.00E+00	0.00E+00	0.00E+00	2.01E+00
47516069	4.52E-03	6.68E-01	-2.65E-02	6.94E-01	2.29E-05	0.00E+00	2.99E+01	4.14E-05	5.18E-04	5.73E-03	9.18E-04	9.73E-01	1.49E-07	2.57E-08	2.65E+00	1.76E-01	1.24E-03	2.98E-02	4.95E-02	2.24E-01	2.34E+01	1.84E+00	6.08E-08	2.69E-08	1.92E-03	8.92E-05	6.28E-01	6.01E-01	2.53E+01	1.73E-05	2.53E+01	2.65E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	2.12E+00
47516072	5.12E-03	7.13E-01	-2.09E-02	7.29E-01	2.43E-06	0.00E+00	3.47E+01	4.53E-05	5.43E-04	5.63E-03	9.00E-04	1.68E+00	1.53E-07	3.44E-08	2.45E+00	1.61E-01	1.22E-03	2.96E-02	4.93E-02	2.98E-01	2.31E+01	1.54E+00	7.90E-08	3.25E-08	2.12E-03	1.10E-04	3.11E-01	5.08E-01	2.50E+01	4.01E-05	2.50E+01	2.56E+01	8.43E-01	0.00E+00	0.00E+00	3.90E-10	2.11E+00
47516074	6.10E-03	9.03E-01	-2.02E-02	9.69E-01	2.32E-05	0.00E+00	4.30E+01	4.46E-05	6.59E-04	6.53E-03	9.01E-04	1.59E+00	1.57E-07	4.52E-08	2.80E+00	1.89E-01	1.22E-03	3.07E-02	4.70E-02	2.48E-01	2.73E+01	1.63E+00	8.25E-07	3.49E-08	3.70E-03	9.86E-05	3.37E-01	5.16E-01	2.88E+01	3.75E-05	2.90E+01	2.97E+01	8.49E-01	0.00E+00	0.00E+00	3.90E-10	1.99E+00
47516076	5.19E-03	7.21E-01	-2.02E-02	7.44E-01	2.31E-05	0.00E+00	4.02E+01	4.50E-05	5.39E-04	5.71E-03	9.21E-04	1.04E+00	1.59E-07	3.01E-08	2.77E+00	1.88E-01	1.24E-03	3.07E-02	4.71E-02	2.39E-01	2.36E+01	1.62E+00	8.04E-07	2.81E-08	2.12E-03	9.41E-05	3.31E-01	5.15E-01	2.56E+01	1.83E-05	2.56E+01	2.66E+01	8.12E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47516079	4.97E-03	7.08E-01	-1.99E-02	7.28E-01	2.33E-05	0.00E+00	4.00E+01	4.39E-05	5.29E-04	5.53E-03	9.01E-04	1.60E+00	1.57E-07	3.88E-08	2.72E+00	1.88E-01	1.22E-03	3.07E-02	4.71E-02	2.47E-01	2.31E+01	1.63E+00	8.00E-07	3.05E-08	2.06E-03	9.80E-05	3.18E-01	5.17E-01	2.51E+01	3.75E-05	2.51E+01	2.57E+01	8.42E-01	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47516084	1.06E-02	1.51E+00	-2.68E-02	1.53E+00	2.29E-05	0.00E+00	4.86E+01	4.58E-05	1.03E-03	1.14E-02	9.72E-04	1.10E+00	1.51E-07	5.15E-08	2.92E+00	1.91E-01	1.32E-03	3.05E-02	4.94E-02	2.66E-01	4.21E+01	2.16E+00	9.15E-07	5.51E-08	6.23E-03	1.80E-04	7.60E-01	6.06E-01	4.42E+01	1.72E-05	4.42E+01	4.56E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	2.12E+00
47516086	5.09E-03	7.97E-01	-2.71E-02	8.24E-01	2.29E-05	0.00E+00	4.09E+01	4.51E-05	5.70E-04	6.30E-03	9.29E-04	1.06E+00	1.60E-07	2.83E-08	2.81E+00	1.87E-01	1.26E-03	3.04E-02	4.70E-02	2.35E-01	2.54E+01	1.89E+00	8.10E-07	3.02E-08	2.34E-03	1.00E-04	6.53E-01	6.02E-01	2.72E+01	1.83E-05	2.72E+01	2.85E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
47516089	5.51E-03	7.36E-01	-2.62E-02	7.62E-01	2.29E-05	0.00E+00	4.01E+01	4.50E-05	5.37E-04	5.94E-03	9.29E-04	1.04E+00	1.60E-07	2.79E-08	2.80E+00	1.87E-01	1.26E-03	3.04E-02	4.67E-02	2.33E-01	2.37E+01	1.89E+00	8.00E-07	2.81E-08	1.98E-03	8.99E-05	6.59E-01	6.02E-01	2.56E+01	1.83E-05	2.56E+01	2.68E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+00
47517103	5.45E-03	7.55E-01	-1.68E-02	7.84E-01	2.54E-05	0.00E+00	4.11E+01	4.47E-05	5.91E-04	6.17E-03	1.01E-03	1.41E+00	1.59E-07	3.60E-08	2.77E+00	1.92E-01	1.37E-03	3.05E-02	4.77E-02	2.88E-01	2.49E+01	1.89E+00	8.35E-07	3.51E-08	2.17E-03	1.05E-04	5.64E-01	5.27E-01	2.70E+01	1.90E-05	2.70E+01	2.84E+01	1.08E+00	0.00E+00	0.00E+00	3.90E-10	2.07E+00
47517104	8.88E-03	1.72E+00	-1.95E-02	1.74E+00	2.53E-05	0.00E+00	4.07E+01	4.51E-05	1.12E-03	1.20E-02	1.06E-03	1.04E+00	1.61E-07	2.88E-08	2.76E+00	1.93E-01	1.44E-03	4.81E-02	5.07E-02	5.26E-01	3.23E+01	1.87E+00	5.72E-06	4.91E-08	3.75E-03	8.85E-05	5.08E-01	5.28E-01	3.42E+01	1.96E-05	3.42E+01	3.52E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
47517106	4.70E-03	7.50E-01	-1.88E-02	7.69E-01	2.53E-05	0.00E+00	4.04E+01	4.49E-05	5.28E-04	5.64E-03	9.05E-04	1.05E+00	1.59E-07	2.80E-08	2.74E+00	1.93E-01	1.23E-03	3.04E-02	4.69E-02	2.35E-01	2.39E+01	1.96E+00	8.06E-07	2.76E-08	2.13E-03	9.54E-05	3.29E-01	5.13E-01	2.58E+01	1.83E-05	2.58E+01	2.67E+01	8.41E-01	0.00E+00	0.00E+00	0.00E+00	2.01E+00
47517109	4.39E-03	7.03E-01	-1.88E-02	7.22E-01	2.53E-05	0.00E+00	3.99E+01	4.49E-05	4.99E-04	5.32E-03	9.05E-04	1.04E+00	1.59E-07	2.77E-08	2.74E+00	1.93E-01	1.23E-03	3.04E-02	4.66E-02	2.31E-01	2.28E+01	1.96E+00	7.99E-07	2.60E-08	1.87E-03	9.03E-05	3.27E-01	5.12E-01	2.47E+01	1.83E-05	2.47E+01	2.56E+01	8.39E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+00
47517203	5.44E-03	7.55E-01	-1.68E-02	7.84E-01	2.56E-05	0.00E+00	4.11E+01	4.47E-05	5.91E-04	6.18E-03	1.01E-03	1.41E+00	1.59E-07	3.60E-08	2.77E+00	1.92E-01	1.37E-03	3.05E-02	4.77E-02	2.88E-01	2.49E+01	1.89E+00	8.36E-07	3.51E-08	2.16E-03	1.05E-04	5.65E-01	5.27E-01	2.70E+01	1.90E-05	2.70E+01	2.84E+01	1.09E+00	0.00E+00	0.00E+00	3.90E-10	2.07E+00
47517204	8.88E-03	1.72E+00	-1.95E-02	1.74E+00	2.58E-05	0.00E+00	4.07E+01	4.51E-05	1.12E-03	1.20E-02	1.07E-03	1.04E+00	1.61E-07	2.88E-08	2.76E+00	1.94E-01	1.45E-03	4.81E-02	5.07E-02	5.27E-01	3.23E+01	1.88E+00	5.72E-06	4.91E-08	3.75E-03	8.90E-05	5.14E-01	5.29E-01	3.42E+01	1.96E-05	3.42E+01	3.53E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
47517206	4.70E-03	7.51E-01	-1.87E-02	7.70E-01	2.58E-05	0.00E+00	4.04E+01	4.49E-05	5.29E-04	5.65E-03	9.09E-04	1.05E+00	1.59E-07	2.80E-08	2.74E+00	1.94E-01	1.23E-03	3.04E-02	4.69E-02	2.35E-01	2.39E+01	1.97E+00	8.06E-07	2.77E-08	2.13E-03	9.59E-05	3.29E-01	5.13E-01	2.59E+01	1.83E-05	2.59E+01	2.67E+01	8.42E-01	0.00E+00	0.00E+00	0.00E+00	2.01E+00
47517209	4.40E-03	7.05E-01	-1.87E-02	7.24E-01	2.58E-05	0.00E+00	3.99E+01	4.49E-05	5.00E-04	5.33E-03	9.09E-04	1.04E+00	1.59E-07	2.78E-08	2.74E+00	1.94E-01	1.23E-03	3.04E-02	4.66E-02	2.32E-01	2.28E+01	1.97E+00	7.99E-07	2.60E-08	1.87E-03	9.08E-05	3.32E-01	5.13E-01	2.48E+01	1.83E-05	2.48E+01	2.56E+01	8.45E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+00
47517214	5.22E-03	8.68E-01	-1.63E-02	9.46E-01	2.54E-05	0.00E+00	8.82E+01	4.70E-05	6.85E-04	7.69E-03	1.07E-03	1.82E+00	1.58E-07	3.88E-08	2.63E+00	1.87E-01	1.46E-03	3.08E-02	4.76E-02	2.98E-01	2.65E+01	2.44E+00	8.47E-07	4.03E-08	2.39E-03	1.04E-04	6.71E-01	5.18E-01	2.88E+01	3.27E-05	2.88E+01	2.98E+01	1.14E+00	0.00E+00	0.00E+00	3.90E-10	2.06E+00
47518982	4.97E-03	6.86E-01	-2.09E-02	7.03E-01	2.31E-06	0.00E+00	2.59E+02	5.57E-05	5.09E-04	5.49E-03	8.43E-04	9.68E-01	1.53E-07	3.91E-08	2.91E+00	1.39E-01	1.14E-03	3.11E-02	4.91E-02	2.13E-01	2.31E+01	1.50E+00	4.20E-07	2.67E-08	1.91E-03	1.15E-04	3.05E-01	5.14E-01	2.50E+01	1.78E-05	2.50E+01	2.58E+01	8.32E-01	0.00E+00	0.00E+00	3.90E-10	2.14E+00
47518989	4.08E-03	6.16E-01	-2.18E-02	6.37E-01	2.70E-08	0.00E+00	3.98E+02	4.85E-05	4.74E-04	5.02E-03	8.30E-04	1.00E+00	1.56E-07	2.74E-08	2.62E+00	1.22E-01	1.12E-03	3.03E-02	4.60E-02	1.54E-01	2.21E+01	1.62E+00	6.08E-08	2.42E-08	1.75E-03	5.86E-05	1.40E-01	5.05E-01	2.37E+01	1.78E-05	2.37E+01	2.44E+01	6.45E-01	0.00E+00	0.00E+00	0.00E+00	1.98E+00
47521404	5.57E-03	8.57E-01	-1.87E-02	9.02E-01	2.44E-05	0.00E+00	1.95E+01	4.43E-05	6.31E-04	6.33E-03	8.80E-04	9.88E-01	1.51E-07	3.95E-08	2.68E+00	1.85E-01	1.19E-03	3.07E-02	4.74E-02	2.54E-01	2.71E+01	1.89E+00	7.19E-08	3.06E-08	3.55E-03	1.05E-04	3.37E-01	5.17E-01	2.85E+01	1.73E-05	2.87E+01	2.95E+01	8.37E-01	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47521606	4.51E-03	6.74E-01	-2.72E-02	7.01E-01	2.39E-05	0.00E+00	5.75E+00	4.11E-05	5.20E-04	5.77E-03	9.01E-04	9.37E-01	1.44E-07	2.36E-08	2.57E+00	1.79E-01	1.22E-03	2.98E-02	4.94E-02	2.33E-01	2.34E+01	1.89E+00	6.04E-08	2.67E-08	1.92E-03	9.17E-05	6.32E-01	5.99E-01	2.53E+01	1.68E-05	2.53E+01	2.66E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	2.12E+00
47521909	4.61E-03	7.12E-01	-2.29E-02	7.28E-01	2.43E-05	0.00E+00	1.90E+01	4.40E-05	5.17E-04	5.55E-03	9.05E-04	1.01E+00	1.51E-07	2.69E-08	2.67E+00	1.88E-01	1.23E-03	3.14E-02	4.77E-02	2.62E-01	2.35E+01	1.90E+00	6.90E-08	2.80E-08	1.98E-03	1.05E-04	3.86E-01	5.67E-01	2.54E+01	1.78E-05	2.54E+01	2.63E+01	9.74E-01	0.00E+00	0.00E+00	3.90E-10	2.04E+00
47526039	5.10E-03	7.35E-01	-2.26E-02	7.48E-01	3.09E-05	0.00E+00	4.08E+01	4.37E-05	5.44E-04	5.95E-03	9.45E-04	1.51E+00	1.62E-07	3.84E-08	2.75E+00	2.04E-01	1.28E-03	3.04E-02	4.73E-02	2.75E-01	2.41E+01	1.95E+00	8.02E-07	3.51E-08	2.08E-03	1.04E-04	5.78E-01	5.70E-01	2.61E+01	3.79E-05	2.60E+01	2.71E+01	1.18E+00	0.00E+00	0.00E+00	7.67E-08	2.04E+00
47526049	5.10E-03	7.34E-01	-2.25E-02	7.48E-01	3.09E-05	0.00E+00	4.08E+01	4.39E-05	5.43E-04	5.93E-03	9.45E-04	1.51E+00	1.62E-07	3.84E-08	2.75E+00	2.04E-01	1.28E-03	3.04E-02	4.73E-02	2.73E-01	2.41E+01	1.94E+00	8.01E-07	3.47E-08	2.08E-03	1.04E-04	5.59E-01	5.59E-01	2.60E+01	3.79E-05	2.60E+01	2.70E+01	1.18E+00	0.00E+00	0.00E+00	7.67E-08	2.03E+00
47526084	6.15E-03	9.37E-01	-1.72E-02	9.99E-01	3.08E-05	0.00E+00	4.37E+01	4.46E-05	6.69E-04	6.80E-03	9.22E-04	1.56E+00	1.61E-07	4.50E-08	2.81E+00	2.06E-01	1.24E-03	3.05E-02	4.68E-02	2.58E-01	2.77E+01	1.91E+00	8.20E-07	3.51E-08	3.78E-03	1.04E-04	3.85E-01	5.19E-01	2.91E+01	3.74E-05	2.93E+01	3.01E+01	8.73E-01	0.00E+00	0.00E+00	3.90E-10	1.99E+00
47526086	6.08E-03	8.45E-01	-1.72E-02	8.60E-01	3.09E-05	0.00E+00	4.26E+01	4.59E-05	5.91E-04	6.07E-03	9.23E-04	1.60E+00	1.58E-07	4.11E-08	2.81E+00	2.07E-01	1.25E-03	3.03E-02	4.69E-02	2.63E-01	2.70E+01	1.90E+00	8.10E-07	3.47E-08	2.30E-03	1.06E-04	3.83E-01	5.18E-01	2.95E+01	3.78E-05	2.92E+01	3.00E+01	8.66E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47526089	4.73E-03	7.24E-01	-1.69E-02	7.39E-01	3.09E-05	0.00E+00	4.08E+01	4.45E-05	5.24E-04	5.63E-03	9.22E-04	1.05E+00	1.62E-07	2.83E-08	2.77E+00	2.03E-01	1.24E-03	3.05E-02	4.69E-02	2.46E-01	2.33E+01	1.94E+00	7.95E-07	2.75E-08	2.02E-03	9.78E-05	3.38E-01	5.21E-01	2.53E+01	1.83E-05	2.54E+01	2.61E+01	8.36E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47527103	5.47E-03	7.55E-01	-1.68E-02	7.84E-01	3.15E-05	0.00E+00	4.19E+01	4.49E-05	5.90E-04	6.20E-03	1.01E-03	1.39E+00	1.61E-07	3.60E-08	2.78E+00	2.03E-01	1.37E-03	3.05E-02	4.77E-02	2.93E-01	2.49E+01	1.90E+00	7.75E-07	3.51E-08	2.15E-03	1.08E-04	5.63E-01	5.26E-01	2.69E+01	1.91E-05	2.69E+01	2.83E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	2.06E+00
47527104	8.04E-03	1.41E+00	-2.18E-02	1.46E+00	3.18E-05	0.00E+00	6.52E+01	4.53E-05	9.88E-04	1.08E-02	1.10E-03	1.72E+00	1.60E-07	3.62E-08	2.81E+00	2.04E-01	1.48E-03	4.93E-02	5.05E-02	4.74E-01	3.08E+01	2.59E+00	7.86E-07	4.63E-08	3.46E-03	1.07E-04	6.73E-01	5.27E-01	3.30E+01	2.03E-05	3.30E+01	3.35E+01	1.15E+00	0.00E+00	0.00E+00	5.89E-03	2.15E+00
47527106	6.06E-03	1.02E+00	-1.68E-02	1.06E+00	3.16E-05	0.00E+00	4.30E+01	4.47E-05	6.86E-04	7.13E-03	9.34E-04	1.40E+00	1.59E-07	4.26E-08	2.75E+00	2.04E-01	1.26E-03	3.05E-02	4.72E-02	2.66E-01	2.78E+01	1.96E+00	7.67E-07	3.49E-08	4.06E-03	1.00E-04	5.50E-01	5.18E-01	2.91E+01	1.84E-05	2.94E+01	3.04E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47527109	5.16E-03	7.44E-01	-1.68E-02	7.56E-01	3.17E-05	0.00E+00	4.03E+01	4.47E-05	5.58E-04	5.96E-03	9.44E-04	1.40E+00	1.60E-07	3.72E-08	2.75E+00	2.03E-01	1.28E-03	3.05E-02	4.72E-02	2.75E-01	2.43E+01	1.96E+00	7.47E-07	3.37E-08	2.08E-03	1.00E-04	5.49E-01	5.18E-01	2.62E+01	1.85E-05	2.62E+01	2.72E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47527203	5.47E-03	7.55E-01	-1.68E-02	7.84E-01	3.15E-05	0.00E+00	4.19E+01	4.49E-05	5.90E-04	6.20E-03	1.01E-03	1.39E+00	1.61E-07	3.60E-08	2.78E+00	2.03E-01	1.37E-03	3.05E-02	4.77E-02	2.93E-01	2.49E+01	1.90E+00	7.75E-07	3.51E-08	2.15E-03	1.09E-04	5.63E-01	5.26E-01	2.69E+01	1.91E-05	2.69E+01	2.83E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	2.06E+00
47527204	8.07E-03	1.43E+00	-1.62E-02	1.47E+00	3.17E-05	0.00E+00	5.57E+01	4.55E-05	1.01E-03	1.10E-02	1.07E-03	1.72E+00	1.60E-07	3.62E-08	2.79E+00	2.04E-01	1.46E-03	4.94E-02	5.04E-02	4.77E-01	3.10E+01	2.45E+00	7.86E-07	4.65E-08	3.48E-03	1.08E-04	6.63E-01	5.26E-01	3.31E+01	2.03E-05	3.30E+01	3.37E+01	1.14E+00	0.00E+00	0.00E+00	5.89E-03	2.15E+00
47527206	6.14E-03	1.02E+00	-1.68E-02	1.07E+00	3.16E-05	0.00E+00	4.19E+01	4.62E-05	6.95E-04	7.18E-03	9.45E-04	1.42E+00	1.60E-07	4.52E-08	2.79E+00	2.06E-01	1.28E-03	3.05E-02	4.72E-02	2.76E-01	2.81E+01	1.96E+00	7.71E-07	3.73E-08	4.07E-03	1.01E-04	5.54E-01	5.21E-01	2.95E+01	1.87E-05	2.97E+01	3.05E+01	1.14E+00	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47527209	5.19E-03	7.44E-01	-1.68E-02	7.55E-01	3.16E-05	0.00E+00	3.93E+01	4.60E-05	5.55E-04	5.96E-03	9.34E-04	1.42E+00	1.60E-07	4.11E-08	2.79E+00	2.06E-01	1.26E-03	3.05E-02	4.72E-02	2.66E-01	2.39E+01	1.96E+00	7.47E-07	3.38E-08	2.08E-03	1.01E-04	5.51E-01	5.18E-01	2.58E+01	1.85E-05	2.59E+01	2.69E+01	1.13E+00	0.00E+00	0.00E+00	3.90E-10	2.03E+00
47528982	4.69E-03	6.96E-01	-1.88E-02	7.14E-01	2.45E-05	0.00E+00	1.89E+01	4.44E-05	5.13E-04	5.49E-03	8.74E-04	9.66E-01	1.47E-07	2.61E-08	2.67E+00	1.84E-01	1.18E-03	3.07E-02	4.72E-02	2.47E-01	2.31E+01	1.88E+00	6.95E-08	2.69E-08	1.95E-03	1.03E-04	3.42E-01	5.16E-01	2.52E+01	1.71E-05	2.52E+01	2.60E+01	8.39E-01	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47528989	4.47E-03	6.68E-01	-2.54E-02	6.93E-01	2.39E-05	0.00E+00	5.73E+00	4.10E-05	5.16E-04	5.71E-03	8.98E-04	9.37E-01	1.44E-07	2.36E-08	2.56E+00	1.79E-01	1.22E-03	2.98E-02	4.94E-02	2.32E-01	2.34E+01	1.87E+00	6.04E-08	2.65E-08	1.91E-03	9.12E-05	6.05E-01	5.99E-01	2.52E+01	1.68E-05	2.52E+01	2.64E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	2.12E+00
4755	4.67E-03	6.75E-01	-2.83E-02	7.03E-01	2.54E-08	0.00E+00	3.97E+01	4.10E-05	5.07E-04	5.48E-03	7.62E-04	9.76E-01	1.49E-07	2.58E-08	2.60E+00	1.12E-01	1.03E-03	3.51E-02	5.21E-02	1.99E-01	2.36E+01	1.23E+00	8.41E-07	2.75E-08	2.00E-03	8.78E-05	3.67E-01	6.51E-01	2.48E+01	1.71E-05	2.48E+01	2.59E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
475501	4.66E-03	6.73E-01	-2.83E-02	7.01E-01	2.54E-08	0.00E+00	3.95E+01	4.10E-05	5.08E-04	5.49E-03	7.62E-04	9.76E-01	1.49E-07	2.58E-08	2.60E+00	1.12E-01	1.03E-03	3.51E-02	5.20E-02	1.99E-01	2.36E+01	1.25E+00	8.41E-07	2.74E-08	2.00E-03	8.76E-05	3.62E-01	6.51E-01	2.48E+01	1.71E-05	2.48E+01	2.58E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
47552045	5.34E-03	6.50E-01	-2.93E-02	6.79E-01	4.66E-06	0.00E+00	3.93E+01	4.93E-05	4.81E-04	5.18E-03	7.58E-04	9.82E-01	1.51E-07	4.74E-08	3.36E+00	1.98E-01	1.03E-03	3.56E-02	5.12E-02	1.33E-01	2.32E+01	1.23E+00	8.11E-07	2.66E-08	1.85E-03	5.88E-05	2.53E-01	5.85E-01	2.45E+01	1.70E-05	2.45E+01	2.53E+01	8.37E-01	0.00E+00	0.00E+00	0.00E+00	2.20E+00
47552089	5.10E-03	6.48E-01	-2.89E-02	6.77E-01	4.66E-06	0.00E+00	3.96E+01	4.48E-05	4.86E-04	5.27E-03	7.53E-04	9.82E-01	1.51E-07	4.75E-08	3.37E+00	1.35E-01	1.02E-03	3.56E-02	4.55E-02	1.49E-01	2.30E+01	1.39E+00	8.05E-07	2.52E-08	1.83E-03	6.90E-05	3.11E-01	5.84E-01	2.44E+01	1.70E-05	2.44E+01	2.53E+01	8.95E-01	0.00E+00	0.00E+00	0.00E+00	1.95E+00
47591606	6.83E-03	1.09E+00	-2.71E-02	1.12E+00	6.31E-05	0.00E+00	7.60E+01	2.13E-05	6.94E-04	7.72E-03	1.30E-03	2.42E+00	3.16E-08	4.31E-08	3.51E+00	2.31E-01	1.77E-03	4.07E-02	8.05E-03	2.58E-01	3.44E+01	2.23E+00	1.81E-06	5.55E-08	2.80E-03	1.16E-04	6.70E-01	5.91E-01	3.67E+01	1.69E-03	3.67E+01	3.79E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-01
47591909	6.92E-03	1.09E+00	-3.37E-02	1.13E+00	6.15E-05	0.00E+00	7.61E+01	2.13E-05	7.10E-04	7.87E-03	1.34E-03	2.42E+00	3.23E-08	4.32E-08	3.51E+00	2.27E-01	1.82E-03	4.07E-02	8.07E-03	2.59E-01	3.46E+01	2.19E+00	1.81E-06	5.59E-08	2.84E-03	1.16E-04	6.37E-01	6.74E-01	3.68E+01	1.69E-03	3.68E+01	3.81E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-01
47601404	6.91E-03	1.06E+00	-3.47E-02	1.08E+00	6.41E-05	0.00E+00	6.96E+01	2.41E-05	7.05E-04	7.84E-03	1.38E-03	2.41E+00	3.25E-08	4.26E-08	3.56E+00	2.61E-01	1.87E-03	4.08E-02	1.02E-02	2.59E-01	3.43E+01	2.18E+00	1.79E-06	5.55E-08	2.86E-03	1.14E-04	7.11E-01	6.76E-01	3.66E+01	1.84E-03	3.66E+01	3.80E+01	1.34E+00	0.00E+00	0.00E+00	3.90E-10	3.96E-01
47601606	6.90E-03	1.07E+00	-4.10E-02	1.09E+00	6.27E-05	0.00E+00	7.25E+01	2.45E-05	7.06E-04	7.78E-03	1.38E-03	2.41E+00	5.57E-08	4.33E-08	3.53E+00	2.31E-01	1.85E-03	4.08E-02	9.88E-03	2.58E-01	3.44E+01	2.20E+00	1.79E-06	5.57E-08	2.88E-03	1.14E-04	7.05E-01	6.77E-01	3.65E+01	1.70E-03	3.65E+01	3.78E+01	1.36E+00	0.00E+00	0.00E+00	3.90E-10	4.06E-01
47601909	6.78E-03	1.06E+00	-4.26E-02	1.08E+00	6.19E-05	0.00E+00	7.25E+01	2.43E-05	7.09E-04	7.86E-03	1.42E-03	2.41E+00	5.10E-08	4.27E-08	3.55E+00	2.29E-01	1.91E-03	4.08E-02	1.11E-02	2.70E-01	3.49E+01	2.18E+00	1.79E-06	5.59E-08	2.90E-03	1.13E-04	6.76E-01	8.30E-01	3.69E+01	1.70E-03	3.69E+01	3.81E+01	1.39E+00	0.00E+00	0.00E+00	3.90E-10	4.42E-01
4763	5.34E-03	7.13E-01	-4.64E-02	7.54E-01	3.30E-05	0.00E+00	8.42E+01	5.64E-05	6.47E-04	8.19E-03	1.23E-03	2.15E+00	1.72E-07	3.79E-08	4.40E+00	2.25E-01	1.87E-03	3.29E-02	4.47E-02	3.83E-01	2.18E+01	2.54E+00	9.61E-08	5.03E-08	2.55E-03	1.59E-04	6.57E-01	6.99E-01	2.33E+01	3.04E-05	2.32E+01	2.48E+01	1.59E+00	0.00E+00	0.00E+00	2.66E-04	2.05E+00
476301	7.77E-03	1.41E+00	-4.71E-02	1.47E+00	3.27E-05	0.00E+00	8.61E+01	7.87E-05	1.14E-03	1.27E-02	1.26E-03	2.32E+00	1.87E-07	5.09E-08	4.32E+00	2.86E-01	1.92E-03	3.29E-02	4.48E-02	4.13E-01	2.32E+01	2.50E+00	1.25E-07	6.19E-08	3.68E-03	1.54E-04	7.21E-01	1.03E+00	2.45E+01	3.05E-05	2.42E+01	2.59E+01	1.99E+00	0.00E+00	0.00E+00	1.70E-04	2.03E+00
476309	7.39E-03	8.99E-01	-6.28E-02	9.61E-01	3.20E-05	0.00E+00	3.38E+01	9.54E-05	7.36E-04	8.05E-03	1.42E-03	2.56E+00	1.82E-07	5.99E-08	4.53E+00	3.24E-01	1.92E-03	3.82E-02	4.83E-02	3.67E-01	2.72E+01	2.15E+00	1.15E-07	6.73E-08	2.68E-03	1.85E-04	6.31E-01	1.12E+00	2.93E+01	4.03E-05	2.93E+01	3.11E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+00
47631404	6.37E-03	9.35E-01	-1.85E-02	1.01E+00	2.30E-05	0.00E+00	6.29E+01	4.52E-05	7.10E-04	7.12E-03	1.17E-03	1.67E+00	1.56E-07	4.04E-08	2.70E+00	1.70E-01	1.58E-03	3.22E-02	4.78E-02	3.23E-01	2.91E+01	2.88E+00	9.34E-08	4.43E-08	4.15E-03	1.25E-04	4.93E-01	5.37E-01	3.03E+01	1.89E-05	3.05E+01	3.15E+01	9.54E-01	0.00E+00	0.00E+00	3.90E-10	2.04E+00
47631606	5.58E-03	7.73E-01	-8.18E-03	8.01E-01	2.31E-05	0.00E+00	5.29E+01	4.21E-05	6.47E-04	6.59E-03	1.05E-03	1.56E+00	1.57E-07	3.03E-08	2.75E+00	1.69E-01	1.42E-03	3.09E-02	4.59E-02	3.18E-01	2.58E+01	2.14E+00	8.58E-08	4.71E-08	2.33E-03	1.25E-04	4.07E-01	2.51E-01	2.76E+01	1.93E-05	2.77E+01	2.88E+01	8.99E-01	0.00E+00	0.00E+00	3.90E-10	1.98E+00
47631909	5.14E-03	8.06E-01	-1.83E-02	8.45E-01	2.29E-05	0.00E+00	6.30E+01	4.50E-05	6.10E-04	6.63E-03	1.17E-03	1.67E+00	1.56E-07	2.85E-08	2.71E+00	1.70E-01	1.58E-03	3.19E-02	4.81E-02	3.19E-01	2.59E+01	2.87E+00	9.33E-08	4.41E-08	2.24E-03	1.25E-04	4.76E-01	5.38E-01	2.77E+01	1.90E-05	2.78E+01	2.86E+01	9.44E-01	0.00E+00	0.00E+00	3.90E-10	2.07E+00
47633502	3.60E-03	5.78E-01	-2.33E-02	6.09E-01	3.34E-06	0.00E+00	1.95E+02	4.55E-05	4.93E-04	5.76E-03	1.12E-03	9.75E-01	1.66E-07	2.79E-08	4.57E+00	1.44E-01	1.74E-03	9.82E-03	4.01E-02	1.44E-01	1.11E+01	3.40E+00	3.23E-08	2.83E-08	1.76E-03	3.29E-05	7.06E-01	5.11E-01	1.48E+01	9.45E-05	1.47E+01	1.61E+01	1.32E+00	0.00E+00	0.00E+00	2.06E-04	1.78E+00
47633505	3.91E-03	5.50E-01	-2.71E-02	5.77E-01	3.04E-06	0.00E+00	2.56E+02	5.17E-05	4.81E-04	5.34E-03	1.22E-03	9.69E-01	1.45E-07	2.87E-08	5.21E+00	1.68E-01	1.65E-03	1.08E-02	4.38E-02	1.58E-01	9.41E+00	4.73E+00	1.88E-08	2.69E-08	1.74E-03	2.37E-05	5.76E-01	5.41E-01	1.41E+01	1.16E-04	1.41E+01	1.53E+01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
47633522	4.19E-03	6.33E-01	-3.45E-02	6.87E-01	3.10E-06	0.00E+00	3.02E+02	4.76E-05	5.37E-04	6.01E-03	1.27E-03	1.00E+00	1.64E-07	3.92E-08	5.14E+00	1.53E-01	1.84E-03	9.98E-03	4.11E-02	1.53E-01	1.12E+01	4.55E+00	3.23E-08	2.91E-08	1.81E-03	3.48E-05	7.41E-01	7.11E-01	1.53E+01	1.18E-04	1.52E+01	1.70E+01	1.52E+00	0.00E+00	0.00E+00	8.42E-04	1.78E+00
47633525	4.25E-03	5.50E-01	-2.64E-02	5.76E-01	3.18E-06	0.00E+00	2.84E+02	5.30E-05	4.72E-04	5.29E-03	1.25E-03	9.16E-01	1.37E-07	4.89E-08	5.10E+00	1.72E-01	1.70E-03	9.12E-03	4.30E-02	1.19E-01	1.02E+01	4.79E+00	2.53E-08	2.60E-08	1.73E-03	2.98E-05	5.95E-01	5.44E-01	1.50E+01	1.15E-04	1.50E+01	1.61E+01	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
47636084	6.31E-03	9.86E-01	-1.80E-02	1.05E+00	2.49E-05	0.00E+00	7.12E+01	4.52E-05	7.23E-04	7.62E-03	1.17E-03	2.20E+00	1.57E-07	4.35E-08	2.82E+00	1.91E-01	1.58E-03	3.18E-02	4.77E-02	2.90E-01	2.96E+01	2.87E+00	9.54E-08	4.51E-08	4.14E-03	1.16E-04	7.01E-01	5.37E-01	3.09E+01	3.81E-05	3.12E+01	3.21E+01	1.13E+00	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47636086	6.34E-03	8.95E-01	-1.79E-02	9.57E-01	2.52E-05	0.00E+00	6.91E+01	4.63E-05	6.77E-04	7.44E-03	1.17E-03	2.23E+00	1.54E-07	4.08E-08	2.81E+00	1.93E-01	1.58E-03	3.17E-02	4.78E-02	2.96E-01	3.03E+01	2.87E+00	9.52E-08	4.67E-08	2.53E-03	1.17E-04	7.02E-01	5.37E-01	3.22E+01	3.85E-05	3.20E+01	3.29E+01	1.13E+00	0.00E+00	0.00E+00	3.90E-10	2.04E+00
47636089	5.43E-03	8.37E-01	-2.16E-02	8.59E-01	2.52E-05	0.00E+00	5.72E+01	4.56E-05	6.17E-04	6.84E-03	1.11E-03	2.34E+00	1.60E-07	3.03E-08	2.82E+00	1.95E-01	1.50E-03	3.06E-02	4.81E-02	3.05E-01	2.56E+01	2.01E+00	9.99E-08	5.99E-08	2.31E-03	1.25E-04	6.97E-01	6.20E-01	2.76E+01	3.62E-05	2.76E+01	2.90E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+00
47637003	5.68E-03	9.11E-01	-1.76E-02	9.35E-01	2.76E-05	0.00E+00	7.24E+01	4.53E-05	6.59E-04	7.31E-03	1.17E-03	2.09E+00	1.61E-07	4.19E-08	2.80E+00	2.04E-01	1.58E-03	3.16E-02	4.76E-02	3.02E-01	2.78E+01	2.87E+00	1.04E-07	4.41E-08	2.74E-03	1.16E-04	6.73E-01	5.37E-01	2.96E+01	1.96E-05	2.97E+01	3.03E+01	1.13E+00	0.00E+00	0.00E+00	3.90E-10	2.05E+00
47637006	5.68E-03	9.11E-01	-1.76E-02	9.35E-01	2.76E-05	0.00E+00	7.24E+01	4.53E-05	6.59E-04	7.31E-03	1.17E-03	2.09E+00	1.61E-07	4.19E-08	2.80E+00	2.04E-01	1.58E-03	3.16E-02	4.76E-02	3.02E-01	2.78E+01	2.87E+00	1.04E-07	4.41E-08	2.74E-03	1.16E-04	6.73E-01	5.37E-01	2.96E+01	1.96E-05	2.97E+01	3.03E+01	1.13E+00	0.00E+00	0.00E+00	3.90E-10	2.05E+00
47637009	5.24E-03	8.67E-01	-1.62E-02	8.91E-01	2.75E-05	0.00E+00	7.03E+01	4.54E-05	6.70E-04	7.25E-03	1.13E-03	2.12E+00	1.61E-07	3.54E-08	2.77E+00	2.01E-01	1.52E-03	3.16E-02	4.72E-02	3.03E-01	2.63E+01	2.88E+00	1.04E-07	4.68E-08	2.48E-03	1.16E-04	6.96E-01	4.42E-01	2.82E+01	1.96E-05	2.83E+01	2.90E+01	1.13E+00	0.00E+00	0.00E+00	3.90E-10	2.04E+00
47638982	5.22E-03	8.05E-01	-1.83E-02	8.48E-01	2.29E-05	0.00E+00	6.04E+01	4.58E-05	6.11E-04	6.57E-03	1.17E-03	1.96E+00	1.58E-07	2.92E-08	2.81E+00	1.87E-01	1.58E-03	3.20E-02	4.81E-02	3.26E-01	2.59E+01	2.84E+00	9.58E-08	4.85E-08	2.27E-03	1.28E-04	4.88E-01	5.39E-01	2.77E+01	1.98E-05	2.78E+01	2.86E+01	9.67E-01	0.00E+00	0.00E+00	3.90E-10	2.06E+00
47638989	4.91E-03	7.53E-01	-2.20E-02	7.75E-01	2.28E-05	0.00E+00	5.68E+01	4.55E-05	5.52E-04	5.85E-03	1.07E-03	2.34E+00	1.60E-07	2.99E-08	2.76E+00	1.86E-01	1.45E-03	3.06E-02	4.78E-02	2.83E-01	2.41E+01	1.84E+00	9.94E-08	5.65E-08	2.10E-03	1.19E-04	2.39E-01	6.16E-01	2.59E+01	3.61E-05	2.59E+01	2.68E+01	8.54E-01	0.00E+00	0.00E+00	0.00E+00	2.05E+00
47693502	6.80E-03	7.50E-01	-3.52E-02	8.12E-01	9.11E-06	0.00E+00	2.89E+02	6.82E-05	6.70E-04	7.90E-03	1.04E-03	2.82E+00	1.93E-07	5.33E-08	5.99E+00	2.63E-01	1.79E-03	1.46E-02	3.30E-02	3.39E-01	2.42E+01	3.12E+00	5.98E-08	5.33E-08	2.54E-03	2.18E-04	1.04E+00	6.55E-01	2.27E+01	1.78E-04	2.24E+01	2.41E+01	1.72E+00	0.00E+00	0.00E+00	3.19E-02	1.29E+00
47703522	9.86E-03	1.17E+00	-5.51E-02	1.23E+00	1.01E-06	0.00E+00	4.83E+02	5.13E-05	1.05E-03	1.17E-02	2.45E-03	2.53E+00	1.59E-07	7.68E-08	7.30E+00	1.70E-01	3.35E-03	2.58E-02	7.77E-02	2.98E-01	2.03E+01	8.62E+00	7.23E-08	6.25E-08	3.73E-03	5.78E-05	1.56E+00	1.19E+00	2.94E+01	4.96E-05	2.95E+01	3.20E+01	2.79E+00	0.00E+00	0.00E+00	3.90E-10	3.44E+00
47703525	8.85E-03	1.13E+00	-3.33E-02	1.16E+00	7.53E-07	0.00E+00	4.88E+02	1.02E-04	9.89E-04	1.13E-02	2.22E-03	1.92E+00	2.88E-07	5.61E-08	9.80E+00	3.15E-01	3.01E-03	2.13E-02	8.73E-02	2.85E-01	1.95E+01	8.57E+00	4.86E-08	5.92E-08	3.59E-03	3.55E-05	1.44E+00	7.58E-01	2.81E+01	3.77E-05	2.81E+01	3.03E+01	2.20E+00	0.00E+00	0.00E+00	0.00E+00	3.75E+00
47703532	1.27E-02	1.47E+00	-5.96E-02	1.54E+00	5.74E-06	0.00E+00	5.41E+02	7.24E-05	1.27E-03	1.36E-02	2.43E-03	4.61E+00	1.77E-07	7.87E-08	7.79E+00	3.12E-01	3.36E-03	2.42E-02	8.21E-02	3.49E-01	2.89E+01	8.30E+00	8.25E-08	9.47E-08	4.66E-03	2.33E-04	1.61E+00	1.22E+00	3.34E+01	8.21E-05	3.31E+01	3.61E+01	2.77E+00	0.00E+00	0.00E+00	3.22E-04	3.55E+00
47703535	1.38E-02	1.46E+00	-5.75E-02	1.52E+00	5.56E-06	0.00E+00	5.48E+02	9.42E-05	1.27E-03	1.35E-02	2.38E-03	4.16E+00	2.73E-07	8.08E-08	9.25E+00	3.39E-01	3.27E-03	2.30E-02	8.03E-02	3.46E-01	2.95E+01	8.42E+00	8.03E-08	9.33E-08	4.82E-03	2.21E-04	1.53E+00	1.07E+00	3.37E+01	8.94E-05	3.32E+01	3.65E+01	2.41E+00	0.00E+00	0.00E+00	3.22E-04	3.47E+00
47703545	1.04E-02	1.24E+00	-5.61E-02	1.30E+00	1.20E-05	0.00E+00	4.26E+02	9.82E-05	1.08E-03	1.26E-02	2.32E-03	2.23E+00	2.84E-07	7.44E-08	9.72E+00	3.21E-01	3.45E-03	2.42E-02	7.22E-02	3.71E-01	2.17E+01	8.77E+00	4.35E-08	6.57E-08	3.97E-03	5.59E-05	1.84E+00	1.13E+00	3.05E+01	2.21E-04	3.07E+01	3.41E+01	3.30E+00	0.00E+00	0.00E+00	3.28E-04	3.28E+00
47703552	1.02E-02	1.15E+00	-5.77E-02	1.22E+00	3.60E-06	0.00E+00	5.00E+02	9.91E-05	1.03E-03	1.18E-02	2.35E-03	2.13E+00	2.71E-07	7.57E-08	9.42E+00	3.16E-01	3.57E-03	2.38E-02	7.99E-02	3.92E-01	2.06E+01	8.46E+00	4.84E-08	6.19E-08	3.69E-03	5.73E-05	1.63E+00	1.19E+00	2.93E+01	1.94E-04	2.95E+01	3.21E+01	2.59E+00	0.00E+00	0.00E+00	0.00E+00	3.26E+00
47703555	1.03E-02	1.16E+00	-5.55E-02	1.23E+00	3.56E-06	0.00E+00	5.09E+02	9.99E-05	1.07E-03	1.22E-02	2.32E-03	2.11E+00	2.79E-07	7.79E-08	9.59E+00	3.26E-01	3.27E-03	2.25E-02	7.04E-02	3.25E-01	2.06E+01	8.53E+00	4.24E-08	6.34E-08	3.85E-03	5.70E-05	1.48E+00	1.06E+00	2.95E+01	1.41E-04	2.94E+01	3.22E+01	2.56E+00	0.00E+00	0.00E+00	1.46E-03	2.94E+00
47703562	1.01E-02	1.17E+00	-5.46E-02	1.24E+00	3.67E-06	0.00E+00	5.20E+02	9.81E-05	1.03E-03	1.18E-02	2.39E-03	2.76E+00	2.75E-07	7.17E-08	9.80E+00	3.14E-01	3.59E-03	2.49E-02	7.53E-02	4.24E-01	2.08E+01	8.48E+00	5.02E-08	6.53E-08	3.71E-03	7.34E-05	1.95E+00	1.20E+00	2.98E+01	1.96E-04	3.00E+01	3.31E+01	3.16E+00	0.00E+00	0.00E+00	0.00E+00	3.11E+00
47703565	1.20E-02	1.19E+00	-2.73E-02	1.27E+00	3.52E-06	0.00E+00	5.00E+02	9.20E-05	1.01E-03	1.21E-02	2.29E-03	2.29E+00	2.59E-07	6.34E-08	9.55E+00	3.16E-01	3.30E-03	2.50E-02	7.11E-02	2.44E-01	2.04E+01	8.47E+00	4.40E-08	6.71E-08	5.07E-03	5.13E-05	1.60E+00	8.48E-01	2.86E+01	1.41E-04	2.90E+01	3.19E+01	2.46E+00	0.00E+00	0.00E+00	1.04E-03	2.92E+00
47721606	6.92E-03	9.69E-01	-2.77E-02	9.97E-01	5.65E-05	0.00E+00	5.36E+01	2.08E-05	6.93E-04	7.85E-03	1.26E-03	2.42E+00	3.14E-08	4.16E-08	3.52E+00	2.13E-01	1.71E-03	4.06E-02	7.94E-03	2.45E-01	3.44E+01	2.02E+00	5.50E-08	5.61E-08	2.79E-03	1.09E-04	8.23E-01	5.87E-01	3.64E+01	1.64E-03	3.64E+01	3.78E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-01
47721909	6.80E-03	9.51E-01	-2.78E-02	9.79E-01	5.54E-05	0.00E+00	5.35E+01	2.08E-05	6.81E-04	7.70E-03	1.26E-03	2.42E+00	3.14E-08	4.15E-08	3.52E+00	2.10E-01	1.71E-03	4.06E-02	7.90E-03	2.40E-01	3.41E+01	2.00E+00	5.48E-08	5.54E-08	2.75E-03	1.08E-04	7.98E-01	5.87E-01	3.61E+01	1.64E-03	3.61E+01	3.75E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-01
47726084	6.90E-03	1.06E+00	-4.28E-02	1.07E+00	6.19E-05	0.00E+00	9.29E+01	2.58E-05	7.29E-04	8.16E-03	1.42E-03	2.36E+00	6.67E-08	4.39E-08	3.32E+00	2.31E-01	1.90E-03	3.88E-02	1.19E-02	2.81E-01	3.52E+01	2.22E+00	6.59E-08	5.68E-08	3.03E-03	1.15E-04	8.02E-01	8.37E-01	3.73E+01	1.81E-03	3.74E+01	3.89E+01	1.48E+00	0.00E+00	0.00E+00	3.90E-10	5.34E-01
47726086	7.28E-03	1.03E+00	-2.74E-02	1.06E+00	6.00E-05	0.00E+00	5.41E+01	2.09E-05	7.32E-04	8.33E-03	1.28E-03	2.42E+00	3.14E-08	4.19E-08	3.54E+00	2.23E-01	1.73E-03	4.07E-02	8.18E-03	2.57E-01	3.57E+01	2.10E+00	6.05E-08	5.81E-08	3.04E-03	1.17E-04	9.31E-01	5.89E-01	3.78E+01	1.64E-03	3.78E+01	3.93E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01
47726096	7.21E-03	1.02E+00	-2.72E-02	1.05E+00	6.15E-05	0.00E+00	5.41E+01	2.09E-05	7.25E-04	8.21E-03	1.29E-03	2.42E+00	3.14E-08	4.19E-08	3.53E+00	2.27E-01	1.75E-03	4.07E-02	8.17E-03	2.59E-01	3.55E+01	2.14E+00	6.05E-08	5.76E-08	3.02E-03	1.19E-04	8.62E-01	5.90E-01	3.76E+01	1.64E-03	3.76E+01	3.91E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01
47726099	6.81E-03	9.61E-01	-2.74E-02	9.88E-01	6.00E-05	0.00E+00	5.36E+01	2.08E-05	6.86E-04	7.74E-03	1.29E-03	2.42E+00	3.14E-08	4.16E-08	3.52E+00	2.23E-01	1.75E-03	4.07E-02	7.95E-03	2.49E-01	3.43E+01	2.10E+00	5.51E-08	5.54E-08	2.76E-03	1.13E-04	7.94E-01	5.90E-01	3.64E+01	1.64E-03	3.64E+01	3.77E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-01
47728989	6.87E-03	9.60E-01	-2.78E-02	9.88E-01	5.54E-05	0.00E+00	5.35E+01	2.08E-05	6.88E-04	7.77E-03	1.26E-03	2.42E+00	3.14E-08	4.16E-08	3.51E+00	2.10E-01	1.71E-03	4.06E-02	7.91E-03	2.41E-01	3.42E+01	2.00E+00	5.49E-08	5.57E-08	2.77E-03	1.08E-04	7.82E-01	5.87E-01	3.62E+01	1.64E-03	3.62E+01	3.76E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-01

47733512	1.37E-02	1.76E+00	-4.60E-02	1.77E+00	2.09E-06	0.00E+00	1.03E+03	1.04E-04	1.46E-03	1.61E-02	1.40E-03	4.54E+00	2.14E-07	9.11E-08	4.43E+00	4.36E-01	4.96E-03	3.31E-02	1.09E-01	4.29E-01	3.38E+01	1.16E+01	1.15E-07	1.00E-07	5.58E-03	1.32E-04	2.01E+00	7.94E-01	4.18E+01	3.36E-04	4.16E+01	4.50E+01	3.63E+00	0.00E+00	0.00E+00	3.90E-10	4.47E+00
47733515	1.31E-02	1.67E+00	-4.34E-02	1.71E+00	7.75E-07	0.00E+00	7.20E+02	1.42E-04	1.45E-03	1.65E-02	3.31E-03	2.66E+00	3.99E-07	7.86E-08	1.53E+01	4.38E-01	4.48E-03	3.02E-02	1.40E-01	4.09E-01	2.87E+01	1.28E+01	7.84E-08	8.74E-08	5.33E-03	4.94E-05	1.95E+00	1.02E+00	4.15E+01	5.57E-05	4.15E+01	4.45E+01	2.98E+00	0.00E+00	0.00E+00	0.00E+00	5.99E+00
47733522	1.30E-02	1.61E+00	-6.08E-02	1.69E+00	6.46E-06	0.00E+00	7.02E+02	1.20E-04	1.39E-03	1.59E-02	2.26E-03	3.09E+00	2.96E-07	9.27E-08	1.17E+01	4.12E-01	5.25E-03	2.65E-02	1.25E-01	4.18E-01	2.99E+01	1.13E+01	8.30E-08	8.64E-08	5.28E-03	1.10E-04	2.22E+00	1.30E+00	4.12E+01	3.07E-04	4.13E+01	4.47E+01	3.55E+00	0.00E+00	0.00E+00	3.90E-10	5.45E+00
47733525	1.34E-02	1.74E+00	-5.56E-02	1.80E+00	6.91E-06	0.00E+00	8.11E+02	1.56E-04	1.48E-03	1.69E-02	3.52E-03	2.88E+00	4.33E-07	9.09E-08	1.59E+01	4.97E-01	4.77E-03	2.69E-02	1.31E-01	4.17E-01	3.21E+01	1.32E+01	8.45E-08	9.01E-08	5.51E-03	7.97E-05	2.27E+00	1.24E+00	4.53E+01	3.17E-04	4.53E+01	4.88E+01	3.52E+00	0.00E+00	0.00E+00	0.00E+00	5.64E+00
47741606	6.78E-03	9.66E-01	-2.71E-02	9.93E-01	6.31E-05	0.00E+00	5.37E+01	2.09E-05	6.84E-04	7.62E-03	1.29E-03	2.41E+00	3.14E-08	4.16E-08	3.51E+00	2.31E-01	1.74E-03	4.07E-02	7.97E-03	2.57E-01	3.42E+01	2.18E+00	5.55E-08	5.52E-08	2.77E-03	1.16E-04	6.63E-01	5.90E-01	3.64E+01	1.69E-03	3.64E+01	3.76E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-01
47741909	6.77E-03	9.56E-01	-3.37E-02	9.89E-01	6.15E-05	0.00E+00	5.38E+01	2.10E-05	6.88E-04	7.63E-03	1.33E-03	2.41E+00	3.22E-08	4.17E-08	3.50E+00	2.27E-01	1.79E-03	4.07E-02	7.97E-03	2.55E-01	3.41E+01	2.15E+00	5.55E-08	5.50E-08	2.77E-03	1.16E-04	6.09E-01	6.73E-01	3.62E+01	1.69E-03	3.62E+01	3.75E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-01
47746086	7.47E-03	1.17E+00	-4.58E-02	1.22E+00	6.70E-05	0.00E+00	5.63E+01	2.13E-05	8.44E-04	9.35E-03	1.42E-03	2.46E+00	3.54E-08	3.92E-08	3.65E+00	2.43E-01	1.92E-03	4.08E-02	9.20E-03	2.99E-01	3.92E+01	2.29E+00	8.23E-08	6.31E-08	3.91E-03	1.47E-04	7.22E-01	8.41E-01	4.15E+01	1.69E-03	4.15E+01	4.30E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-01
47746089	6.25E-03	9.84E-01	-4.60E-02	1.03E+00	6.52E-05	0.00E+00	5.42E+01	2.12E-05	7.26E-04	8.06E-03	1.42E-03	2.43E+00	3.54E-08	3.84E-08	3.62E+00	2.38E-01	1.92E-03	4.08E-02	8.31E-03	2.81E-01	3.48E+01	2.24E+00	5.55E-08	5.64E-08	2.88E-03	1.25E-04	7.12E-01	8.41E-01	3.70E+01	1.69E-03	3.70E+01	3.86E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-01
47746096	7.20E-03	1.03E+00	-2.67E-02	1.06E+00	6.71E-05	0.00E+00	5.43E+01	2.10E-05	7.29E-04	8.21E-03	1.31E-03	2.42E+00	3.14E-08	4.20E-08	3.53E+00	2.43E-01	1.78E-03	4.07E-02	8.23E-03	2.72E-01	3.56E+01	2.28E+00	6.11E-08	5.75E-08	3.04E-03	1.25E-04	8.25E-01	5.92E-01	3.79E+01	1.69E-03	3.79E+01	3.93E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-01
47746099	6.87E-03	9.83E-01	-2.68E-02	1.01E+00	6.60E-05	0.00E+00	5.38E+01	2.10E-05	6.96E-04	7.81E-03	1.32E-03	2.41E+00	3.14E-08	4.18E-08	3.52E+00	2.40E-01	1.78E-03	4.07E-02	8.03E-03	2.64E-01	3.45E+01	2.25E+00	5.57E-08	5.57E-08	2.81E-03	1.20E-04	7.53E-01	5.92E-01	3.68E+01	1.69E-03	3.68E+01	3.81E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-01
47748982	6.72E-03	9.55E-01	-2.73E-02	9.82E-01	6.15E-05	0.00E+00	5.36E+01	2.09E-05	6.77E-04	7.53E-03	1.29E-03	2.41E+00	3.14E-08	4.16E-08	3.50E+00	2.27E-01	1.74E-03	4.07E-02	7.94E-03	2.52E-01	3.40E+01	2.15E+00	5.54E-08	5.48E-08	2.75E-03	1.14E-04	6.21E-01	5.90E-01	3.62E+01	1.69E-03	3.62E+01	3.74E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-01
47748989	6.74E-03	9.58E-01	-2.73E-02	9.85E-01	6.15E-05	0.00E+00	5.37E+01	2.09E-05	6.80E-04	7.57E-03	1.29E-03	2.41E+00	3.14E-08	4.17E-08	3.50E+00	2.27E-01	1.74E-03	4.07E-02	7.94E-03	2.52E-01	3.41E+01	2.15E+00	5.54E-08	5.49E-08	2.76E-03	1.14E-04	6.42E-01	5.90E-01	3.62E+01	1.69E-03	3.62E+01	3.74E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-01
47753522	8.81E-03	1.11E+00	-5.30E-02	1.17E+00	3.42E-08	0.00E+00	4.78E+02	1.63E-05	9.80E-04	1.11E-02	0.00E+00	2.42E+00	1.47E-08	5.81E-08	1.94E+00	8.04E-02	3.35E-03	2.65E-02	9.31E-02	2.99E-01	1.93E+01	8.94E+00	7.28E-08	5.91E-08	3.53E-03	3.97E-05	1.58E+00	1.21E+00	2.83E+01	4.06E-05	2.83E+01	3.11E+01	2.79E+00	0.00E+00	0.00E+00	0.00E+00	3.99E+00
47753525	8.97E-03	1.16E+00	-3.28E-02	1.19E+00	7.53E-07	0.00E+00	4.88E+02	1.02E-04	1.01E-03	1.15E-02	2.27E-03	1.92E+00	2.88E-07	5.63E-08	9.92E+00	3.18E-01	3.07E-03	2.13E-02	8.75E-02	3.02E-01	1.99E+01	8.80E+00	4.90E-08	6.01E-08	3.66E-03	4.58E-05	1.50E+00	7.63E-01	2.87E+01	3.77E-05	2.87E+01	3.10E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	3.76E+00
47753532	9.94E-03	1.19E+00	-5.83E-02	1.24E+00	6.70E-06	0.00E+00	4.26E+02	9.06E-05	1.04E-03	1.20E-02	2.27E-03	2.40E+00	2.81E-07	6.89E-08	9.55E+00	2.87E-01	3.40E-03	2.41E-02	7.59E-02	3.27E-01	2.06E+01	8.33E+00	5.08E-08	6.23E-08	3.71E-03	6.75E-05	1.83E+00	1.20E+00	2.87E+01	5.52E-05	2.90E+01	3.26E+01	3.32E+00	0.00E+00	0.00E+00	3.64E-04	3.35E+00
47753535	1.10E-02	1.28E+00	-6.43E-02	1.34E+00	9.26E-06	0.00E+00	4.89E+02	1.03E-04	1.14E-03	1.32E-02	2.49E-03	1.83E+00	2.74E-07	9.28E-08	9.99E+00	3.45E-01	3.37E-03	2.16E-02	8.66E-02	2.91E-01	2.27E+01	9.20E+00	6.43E-08	6.42E-08	4.09E-03	5.67E-05	1.81E+00	1.17E+00	3.19E+01	3.57E-05	3.19E+01	3.49E+01	2.98E+00	0.00E+00	0.00E+00	0.00E+00	3.72E+00
47753542	1.02E-02	1.17E+00	-5.78E-02	1.23E+00	4.90E-06	0.00E+00	4.94E+02	9.91E-05	1.04E-03	1.19E-02	2.35E-03	2.13E+00	2.71E-07	7.53E-08	9.42E+00	3.18E-01	3.34E-03	2.41E-02	7.94E-02	3.19E-01	2.04E+01	8.81E+00	4.84E-08	6.28E-08	3.74E-03	5.51E-05	1.50E+00	1.19E+00	2.92E+01	1.97E-04	2.92E+01	3.17E+01	2.62E+00	0.00E+00	0.00E+00	0.00E+00	3.31E+00
47753545	1.06E-02	1.21E+00	-5.61E-02	1.27E+00	5.05E-06	0.00E+00	4.89E+02	1.03E-04	1.09E-03	1.23E-02	2.44E-03	1.82E+00	2.74E-07	9.26E-08	9.81E+00	3.31E-01	3.30E-03	2.15E-02	8.61E-02	2.87E-01	2.12E+01	9.02E+00	6.31E-08	6.13E-08	3.96E-03	5.89E-05	1.35E+00	1.07E+00	3.02E+01	2.16E-04	3.02E+01	3.26E+01	2.42E+00	0.00E+00	0.00E+00	0.00E+00	3.70E+00
47753552	1.30E-02	1.63E+00	-6.15E-02	1.65E+00	9.76E-06	0.00E+00	5.70E+02	6.13E-05	1.39E-03	1.56E-02	2.53E-03	4.73E+00	1.74E-07	8.61E-08	7.46E+00	3.11E-01	3.53E-03	2.49E-02	8.57E-02	3.71E-01	2.97E+01	8.27E+00	8.37E-08	9.84E-08	5.17E-03	2.38E-04	2.03E+00	1.30E+00	3.68E+01	2.15E-04	3.66E+01	4.17E+01	3.42E+00	0.00E+00	0.00E+00	3.22E-04	3.78E+00
47753555	1.40E-02	1.50E+00	-5.78E-02	1.56E+00	9.63E-06	0.00E+00	5.65E+02	9.50E-05	1.30E-03	1.41E-02	2.41E-03	4.18E+00	2.85E-07	8.77E-08	9.46E+00	3.48E-01	3.31E-03	2.32E-02	8.20E-02	3.63E-01	2.95E+01	8.58E+00	8.06E-08	9.02E-08	4.97E-03	2.25E-04	1.86E+00	1.09E+00	3.45E+01	2.28E-04	3.43E+01	3.76E+01	2.52E+00	0.00E+00	0.00E+00	3.22E-04	3.57E+00
47753565	1.39E-02	1.59E+00	-5.20E-02	1.62E+00	5.55E-06	0.00E+00	5.92E+02	8.53E-05	1.30E-03	1.38E-02	2.49E-03	4.27E+00	2.88E-07	8.83E-08	9.79E+00	3.14E-01	3.38E-03	2.27E-02	7.74E-02	3.56E-01	2.92E+01	8.60E+00	8.13E-08	8.58E-08	5.06E-03	1.01E-04	1.86E+00	1.10E+00	3.45E+01	2.44E-04	3.48E+01	3.76E+01	3.04E+00	0.00E+00	0.00E+00	3.90E-10	3.52E+00
47761404	7.05E-03	1.07E+00	-4.17E-02	1.10E+00	6.36E-05	0.00E+00	6.97E+01	2.52E-05	7.63E-04	8.45E-03	1.42E-03	2.45E+00	4.80E-08	4.28E-08	3.58E+00	2.32E-01	1.91E-03	4.05E-02	1.13E-02	2.79E-01	3.57E+01	2.21E+00	1.79E-06	5.72E-08	3.26E-03	1.15E-04	7.07E-01	6.81E-01	3.81E+01	1.70E-03	3.81E+01	3.94E+01	1.45E+00	0.00E+00	0.00E+00	3.90E-10	4.41E-01
47761606	6.90E-03	1.07E+00	-2.89E-02	1.10E+00	6.31E-05	0.00E+00	7.60E+01	2.20E-05	6.86E-04	7.64E-03	1.31E-03	2.38E+00	3.16E-08	4.49E-08	3.78E+00	2.34E-01	1.78E-03	4.11E-02	8.08E-03	2.48E-01	3.43E+01	2.20E+00	1.81E-06	5.27E-08	2.76E-03	1.14E-04	6.80E-01	5.92E-01	3.65E+01	1.57E-03	3.65E+01	3.77E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-01
47761909	6.99E-03	1.08E+00	-3.55E-02	1.11E+00	6.15E-05	0.00E+00	7.61E+01	2.21E-05	7.03E-04	7.80E-03	1.35E-03	2.38E+00	3.24E-08	4.50E-08	3.77E+00	2.29E-01	1.83E-03	4.11E-02	8.10E-03	2.49E-01	3.44E+01	2.17E+00	1.81E-06	5.31E-08	2.80E-03	1.14E-04	6.48E-01	6.75E-01	3.66E+01	1.57E-03	3.66E+01	3.79E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-01
47771404	8.13E-03	1.08E+00	-1.07E-02	1.08E+00	6.24E-05	0.00E+00	7.42E+01	2.61E-05	7.96E-04	8.85E-03	9.99E-04	2.74E+00	5.70E-08	4.64E-08	3.59E+00	2.33E-01	1.65E-03	3.86E-02	9.44E-03	2.63E-01	3.03E+01	2.38E+00	1.79E-06	5.87E-08	3.00E-03	1.30E-04	7.76E-01	3.86E-01	3.31E+01	2.10E-03	3.31E+01	3.44E+01	1.28E+00	0.00E+00	0.00E+00	5.93E-05	4.19E-01
47771606	6.36E-03	9.62E-01	-1.43E-02	9.57E-01	5.15E-05	0.00E+00	7.50E+01	2.38E-05	7.06E-04	7.45E-03	1.22E-03	1.98E+00	3.72E-08	4.03E-08	3.25E+00	1.83E-01	1.66E-03	3.76E-02	7.84E-03	2.25E-01	3.04E+01	2.40E+00	1.79E-06	4.81E-08	2.71E-03	1.09E-04	6.73E-01	4.78E-01	3.27E+01	1.75E-03	3.26E+01	3.41E+01	1.12E+00	0.00E+00	0.00E+00	3.90E-10	3.41E-01
47771909	6.79E-03	1.06E+00	-4.12E-02	1.08E+00	6.15E-05	0.00E+00	7.25E+01	2.43E-05	7.09E-04	7.89E-03	1.41E-03	2.41E+00	4.82E-08	4.27E-08	3.55E+00	2.28E-01	1.90E-03	4.08E-02	1.01E-02	2.65E-01	3.50E+01	2.17E+00	1.79E-06	5.61E-08	2.89E-03	1.13E-04	7.04E-01	6.80E-01	3.69E+01	1.69E-03	3.69E+01	3.82E+01	1.41E+00	0.00E+00	0.00E+00	3.90E-10	4.02E-01
47781404	8.48E-03	1.13E+00	-3.97E-02	1.18E+00	6.90E-05	0.00E+00	7.11E+01	2.87E-05	8.00E-04	9.25E-03	1.17E-03	2.81E+00	7.04E-08	4.66E-08	3.81E+00	2.48E-01	1.80E-03	4.12E-02	9.53E-03	3.00E-01	3.70E+01	2.20E+00	1.79E-06	6.51E-08	3.17E-03	1.42E-04	7.79E-01	6.82E-01	3.86E+01	1.88E-03	3.86E+01	3.99E+01	1.48E+00	0.00E+00	0.00E+00	6.84E-05	4.46E-01
47781606	8.14E-03	1.07E+00	-1.20E-02	1.07E+00	6.00E-05	0.00E+00	7.64E+01	2.51E-05	7.91E-04	8.96E-03	9.51E-04	2.52E+00	5.94E-08	4.50E-08	3.45E+00	2.15E-01	1.58E-03	3.75E-02	9.56E-03	2.57E-01	3.00E+01	2.35E+00	1.79E-06	5.62E-08	3.01E-03	1.30E-04	7.80E-01	3.88E-01	3.26E+01	1.96E-03	3.26E+01	3.40E+01	1.27E+00	0.00E+00	0.00E+00	3.90E-10	4.18E-01
47781909	6.88E-03	1.04E+00	-3.04E-02	1.07E+00	4.76E-05	0.00E+00	7.56E+01	2.18E-05	6.74E-04	7.58E-03	1.23E-03	2.38E+00	3.15E-08	4.47E-08	3.77E+00	1.91E-01	1.66E-03	4.10E-02	7.92E-03	2.18E-01	3.38E+01	1.84E+00	1.81E-06	5.26E-08	2.71E-03	9.77E-05	7.14E-01	5.83E-01	3.57E+01	1.57E-03	3.57E+01	3.70E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-01
47791909	6.84E-03	1.04E+00	-4.29E-02	1.07E+00	6.12E-05	0.00E+00	7.34E+01	2.19E-05	6.89E-04	7.72E-03	1.32E-03	2.40E+00	5.05E-08	4.33E-08	3.54E+00	2.26E-01	1.79E-03	4.07E-02	7.99E-03	2.53E-01	3.42E+01	2.16E+00	1.79E-06	5.54E-08	2.77E-03	1.14E-04	6.81E-01	7.40E-01	3.63E+01	1.69E-03	3.63E+01	3.75E+01	1.38E+00	0.00E+00	0.00E+00	3.90E-10	3.44E-01
47843512	1.04E-02	1.16E+00	-6.90E-02	1.23E+00	8.80E-07	0.00E+00	4.89E+02	1.03E-04	1.07E-03	1.21E-02	2.46E-03	1.82E+00	2.76E-07	9.22E-08	1.10E+01	3.17E-01	3.33E-03	2.15E-02	8.60E-02	2.55E-01	2.05E+01	8.76E+00	6.13E-08	6.04E-08	3.83E-03	4.40E-05	1.31E+00	1.21E+00	2.93E+01	3.56E-05	2.93E+01	3.18E+01	2.52E+00	0.00E+00	0.00E+00	0.00E+00	3.69E+00
47843515	8.87E-03	1.14E+00	-3.32E-02	1.17E+00	7.53E-07	0.00E+00	4.88E+02	1.02E-04	9.92E-04	1.13E-02	2.25E-03	1.92E+00	2.88E-07	5.61E-08	9.89E+00	3.16E-01	3.04E-03	2.13E-02	8.74E-02	2.85E-01	1.96E+01	8.69E+00	4.88E-08	5.94E-08	3.61E-03	3.55E-05	1.45E+00	7.61E-01	2.83E+01	3.77E-05	2.83E+01	3.05E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	3.75E+00
47843532	1.24E-02	1.25E+00	-2.51E-02	1.26E+00	4.81E-06	0.00E+00	4.80E+02	9.15E-05	9.91E-04	1.17E-02	2.29E-03	2.04E+00	2.52E-07	6.54E-08	9.17E+00	3.11E-01	3.34E-03	2.47E-02	7.71E-02	2.27E-01	2.02E+01	8.43E+00	4.68E-08	6.70E-08	5.59E-03	4.98E-05	1.47E+00	8.21E-01	2.83E+01	1.95E-04	2.87E+01	3.15E+01	2.42E+00	0.00E+00	0.00E+00	3.97E-04	3.31E+00
47843535	1.05E-02	1.20E+00	-5.50E-02	1.27E+00	4.81E-06	0.00E+00	4.96E+02	1.01E-04	1.08E-03	1.23E-02	2.35E-03	2.11E+00	2.80E-07	7.81E-08	9.61E+00	3.30E-01	3.40E-03	2.40E-02	7.61E-02	3.62E-01	2.10E+01	8.78E+00	4.29E-08	6.40E-08	3.94E-03	5.74E-05	1.58E+00	1.10E+00	2.99E+01	2.11E-04	3.00E+01	3.25E+01	2.57E+00	0.00E+00	0.00E+00	2.88E-04	3.29E+00
47843542	1.09E-02	1.16E+00	-2.39E-02	1.17E+00	4.77E-06	0.00E+00	4.69E+02	9.07E-05	9.30E-04	1.13E-02	2.26E-03	2.12E+00	2.36E-07	5.99E-08	8.78E+00	3.02E-01	3.08E-03	2.38E-02	5.66E-02	2.35E-01	1.91E+01	7.89E+00	4.38E-08	6.58E-08	5.07E-03	4.86E-05	1.49E+00	7.84E-01	2.67E+01	1.93E-04	2.69E+01	3.03E+01	2.46E+00	0.00E+00	0.00E+00	5.90E-04	2.54E+00
47843545	1.01E-02	1.21E+00	-5.49E-02	1.27E+00	5.05E-06	0.00E+00	5.48E+02	1.05E-04	1.06E-03	1.21E-02	2.48E-03	1.82E+00	2.74E-07	9.71E-08	9.78E+00	3.35E-01	3.36E-03	1.81E-02	8.60E-02	2.45E-01	2.26E+01	8.98E+00	6.46E-08	6.05E-08	3.88E-03	5.92E-05	1.51E+00	1.08E+00	3.16E+01	2.16E-04	3.16E+01	3.42E+01	2.58E+00	0.00E+00	0.00E+00	0.00E+00	3.70E+00
47851606	6.44E-03	9.49E-01	-1.26E-02	9.35E-01	5.23E-05	0.00E+00	7.55E+01	2.31E-05	7.12E-04	7.49E-03	1.15E-03	1.79E+00	3.74E-08	4.02E-08	3.14E+00	1.74E-01	1.58E-03	3.66E-02	7.78E-03	2.20E-01	3.03E+01	2.34E+00	1.79E-06	4.75E-08	2.79E-03	1.08E-04	6.78E-01	3.89E-01	3.24E+01	1.76E-03	3.23E+01	3.37E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	3.39E-01
47851909	6.19E-03	9.38E-01	-2.42E-02	9.39E-01	5.04E-05	0.00E+00	7.62E+01	2.14E-05	6.56E-04	7.20E-03	1.22E-03	2.02E+00	3.63E-08	4.00E-08	3.32E+00	1.75E-01	1.65E-03	3.79E-02	7.61E-03	2.22E-01	3.06E+01	2.37E+00	1.79E-06	4.73E-08	2.57E-03	1.08E-04	6.20E-01	5.04E-01	3.29E+01	1.76E-03	3.28E+01	3.41E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	3.23E-01
47861949	4.81E-03	6.86E-01	-2.09E-02	7.03E-01	2.19E-06	0.00E+00	2.59E+02	5.62E-05	5.08E-04	5.49E-03	8.42E-04	1.06E+00	1.60E-07	3.89E-08	2.94E+00	1.39E-01	1.14E-03	3.19E-02	4.91E-02	2.24E-01	2.31E+01	1.51E+00	7.67E-08	2.70E-08	1.92E-03	8.99E-05	2.96E-01	5.12E-01	2.51E+01	1.96E-05	2.51E+01	2.58E+01	8.08E-01	0.00E+00	0.00E+00	3.90E-10	2.13E+00
47867109	5.20E-03	7.44E-01	-1.69E-02	7.56E-01	2.55E-05	0.00E+00	4.02E+01	4.45E-05	5.59E-04	5.92E-03	9.44E-04	1.43E+00	1.58E-07	3.57E-08	2.73E+00	1.92E-01	1.28E-03	3.05E-02	4.72E-02	2.70E-01	2.44E+01	1.95E+00	8.05E-07	3.36E-08	2.09E-03	1.09E-04	5.39E-01	5.18E-01	2.62E+01	1.83E-05	2.63E+01	2.72E+01	1.09E+00	0.00E+00	0.00E+00	3.90E-10	2.02E+00
47871909	6.15E-03	9.39E-01	-2.42E-02	9.36E-01	5.01E-05	0.00E+00	7.41E+01	2.15E-05	6.55E-04	7.26E-03	1.18E-03	1.90E+00	3.63E-08	3.99E-08	3.29E+00	1.69E-01	1.60E-03	3.77E-02	7.63E-03	2.20E-01	3.05E+01	2.33E+00	1.79E-06	4.61E-08	2.55E-03	1.07E-04	6.21E-01	5.04E-01	3.28E+01	1.76E-03	3.27E+01	3.39E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	3.23E-01
478816	2.73E-03	2.46E-01	1.04E-03	2.35E-01	7.16E-06	0.00E+00	3.51E+02	4.99E-05	1.57E-04	1.91E-03	2.51E-04	2.07E+00	1.22E-07	5.00E-08	4.29E+00	1.13E-01	3.20E-04	9.75E-03	5.83E-03	1.29E-01	3.85E+00	6.26E-01	2.00E-07	2.32E-08	6.20E-04	5.88E-05	4.08E-01	9.07E-02	4.20E+00	1.13E-04	4.20E+00	4.42E+00	3.35E-01	0.00E+00	0.00E+00	3.90E-10	1.87E-01
478819	2.85E-03	2.46E-01	-3.52E-03	2.36E-01	1.41E-05	0.00E+00	3.18E+02	4.94E-05	1.61E-04	1.93E-03	2.53E-04	2.09E+00	1.31E-07	4.93E-08	4.11E+00	1.34E-01	3.21E-04	1.05E-02	7.56E-03	1.00E-01	3.83E+00	6.20E-01	1.93E-07	2.42E-08	6.37E-04	4.38E-05	5.13E-01	1.06E-01	4.17E+00	1.17E-04	4.17E+00	4.41E+00	3.54E-01	0.00E+00	0.00E+00	3.90E-10	2.52E-01
478826	2.86E-03	2.44E-01	-3.34E-03	2.35E-01	8.70E-06	0.00E+00	3.46E+02	4.93E-05	1.66E-04	1.96E-03	2.58E-04	2.10E+00	1.42E-07	4.92E-08	4.27E+00	1.29E-01	3.23E-04	1.02E-02	5.86E-03	1.34E-01	3.89E+00	6.02E-01	2.24E-07	2.46E-08	6.64E-04	5.80E-05	5.89E-01	1.10E-01	4.28E+00	1.08E-04	4.28E+00	4.58E+00	3.42E-01	0.00E+00	0.00E+00	3.90E-10	1.86E-01
478829	2.79E-03	2.52E-01	2.75E-03	2.40E-01	9.11E-06	0.00E+00	3.30E+02	5.03E-05	1.58E-04	1.92E-03	2.51E-04	2.12E+00	1.32E-07	4.94E-08	4.28E+00	1.32E-01	3.19E-04	1.02E-02	5.87E-03	1.04E-01	3.90E+00	6.25E-01	2.01E-07	2.41E-08	6.25E-04	4.48E-05	6.14E-01	8.42E-02	4.28E+00	1.21E-04	4.28E+00	4.56E+00	3.39E-01	0.00E+00	0.00E+00	3.90E-10	1.88E-01
478836	2.78E-03	2.54E-01	2.03E-03	2.41E-01	1.44E-05	0.00E+00	3.46E+02	4.92E-05	1.60E-04	1.91E-03	2.53E-04	2.06E+00	1.36E-07	4.95E-08	4.11E+00	1.24E-01	3.23E-04	1.06E-02	7.56E-03	1.35E-01	3.84E+00	6.41E-01	1.91E-07	2.46E-08	6.36E-04	5.86E-05	5.44E-01	8.37E-02	4.21E+00	1.11E-04	4.21E+00	4.44E+00	3.50E-01	0.00E+00	0.00E+00	3.90E-10	2.53E-01
478869	3.19E-03	3.01E-01	-1.20E-02	3.00E-01	1.86E-05	0.00E+00	2.37E+02	5.44E-05	2.04E-04	2.41E-03	3.39E-04	2.12E+00	1.65E-07	5.06E-08	4.04E+00	1.65E-01	4.55E-04	1.27E-02	8.60E-03	1.32E-01	5.29E+00	7.11E-01	9.45E-08	2.52E-08	1.03E-03	5.65E-05	5.40E-01	2.77E-01	6.19E+00	1.05E-04	6.19E+00	7.03E+00	5.59E-01	0.00E+00	0.00E+00	3.90E-10	3.15E-01
47893502	6.18E-03	7.89E-01	-6.06E-02	8.29E-01	9.13E-06	0.00E+00	3.26E+02	8.76E-05	6.88E-04	7.79E-03	1.61E-03	2.22E+00	1.93E-07	4.07E-08	6.52E+00	2.61E-01	2.02E-03	1.80E-02	2.54E-02	2.92E-01	1.34E+01	4.11E+00	5.02E-08	6.19E-08	2.49E-03	6.47E-05	1.17E+00	9.50E-01	1.87E+01	1.39E-04	1.87E+01	2.00E+01	1.95E+00	0.00E+00	0.00E+00	1.95E-03	2.01E+00
47893505	5.65E-03	8.11E-01	-4.27E-02	8.53E-01	7.33E-06	0.00E+00	2.83E+02	8.64E-05	6.81E-04	7.92E-03	1.51E-03	2.43E+00	1.70E-07	3.72E-08	7.13E+00	2.53E-01	2.04E-03	1.57E-02	9.53E-03	2.62E-01	1.36E+01	5.05E+00	6.03E-08	6.56E-08	2.44E-03	6.80E-05	1.24E+00	7.60E-01	1.86E+01	1.37E-04	1.86E+01	2.06E+01	2.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-01
47893522	1.02E-02	1.21E+00	-5.78E-02	1.27E+00	1.10E-05	0.00E+00	5.09E+02	1.01E-04	1.05E-03	1.22E-02	2.63E-03	2.47E+00	3.22E-07	6.68E-08	1.00E+01	3.02E-01	3.59E-03	2.68E-02	3.69E-02	4.24E-01	2.14E+01	8.61E+00	7.42E-08	6.86E-08	3.73E-03	1.09E-04	2.15E+00	1.17E+00	3.07E+01	2.42E-04	3.08E+01	3.38E+01	3.37E+00	0.00E+00	0.00E+00	3.57E-02	1.95E+00
47893525	1.12E-02	1.60E+00	-6.09E-02	1.67E+00	1.34E-05	0.00E+00	5.42E+02	1.71E-04	1.32E-03	1.56E-02	2.78E-03	4.84E+00	3.37E-07	7.31E-08	1.11E+01	5.00E-01	3.77E-03	3.10E-02	1.85E-02	5.15E-01	2.68E+01	9.40E+00	1.19E-07	1.31E-07	4.74E-03	1.37E-04	2.73E+00	1.20E+00	3.62E+01	2.53E-04	3.62E+01	4.01E+01	3.93E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-01
47911404	8.29E-03	1.09E+00	-2.29E-02	1.15E+00	6.92E-05	0.00E+00	6.94E+01	2.81E-05	7.78E-04	9.06E-03	1.11E-03	2.76E+00	5.47E-08	4.60E-08	3.79E+00	2.41E-01	1.73E-03	3.74E-02	9.48E-03	2.74E-01	3.57E+01	2.58E+00	1.79E-06	6.10E-08	3.08E-03	1.29E-04	7.43E-01	5.04E-01	3.69E+01	1.95E-03	3.69E+01	3.85E+01	1.29E+00	0.00E+00	0.00E+00	6.84E-05	4.16E-01
47911606	6.85E-03	1.11E+00	-4.28E-02	1.12E+00	6.31E-05	0.00E+00	2.16E+02	2.44E-05	7.55E-04	8.29E-03	1.42E-03	2.94E+00	7.13E-08	4.18E-08	3.85E+00	2.32E-01	1.89E-03	4.08E-02	2.03E-02	3.06E-01	3.65E+01	3.58E+00	1.81E-06	5.88E-08	3.16E-03	1.20E-04	7.45E-01	8.88E-01	3.83E+01	1.70E-03	3.83E+01	3.97E+01	1.59E+00	0.00E+00	0.00E+00	3.90E-10	8.46E-01
47911616	6.55E-03	1.04E+00	-1.42E-02	1.05E+00	5.64E-05	0.00E+00	7.25E+01	2.52E-05	7.14E-04	7.59E-03	1.25E-03	2.06E+00	3.58E-08	4.19E-08	3.46E+00	2.00E-01	1.69E-03	3.81E-02	8.06E-03	2.31E-01	3.18E+01	2.45E+00	1.81E-06	5.24E-08	2.87E-03	1.10E-04	6.60E-01	4.29E-01	3.34E+01	1.74E-03	3.34E+01	3.53E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	3.51E-01
47911909	6.76E-03	1.10E+00	-4.31E-02	1.11E+00	6.20E-05	0.00E+00	9.45E+01	2.42E-05	7.44E-04	8.22E-03	1.42E-03	2.62E+00	6.23E-08	4.17E-08	3.73E+00	2.29E-01	1.91E-03	4.08E-02	1.90E-02	3.05E-01	3.65E+01	3.56E+00	1.81E-06	5.80E-08	3.10E-03	1.18E-04	7.20E-01	8.89E-01	3.81E+01	1.70E-03	3.81E+01	3.96E+01	1.58E+00	0.00E+00	0.00E+00	3.90E-10	8.26E-01
47911919	6.83E-03	1.08E+00	-3.37E-02	1.11E+00	6.15E-05	0.00E+00	7.60E+01	2.13E-05	6.99E-04	7.74E-03	1.34E-03	2.42E+00	3.23E-08	4.31E-08	3.51E+00	2.27E-01	1.82E-03	4.07E-02	8.04E-03	2.54E-01	3.43E+01	2.16E+00	1.81E-06	5.54E-08	2.78E-03	1.16E-04	6.25E-01	6.74E-01	3.65E+01	1.56E-03	3.65E+01	3.78E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-01
47921404	6.56E-03	1.01E+00	-2.34E-02	1.04E+00	5.85E-05	0.00E+00	6.76E+01	2.53E-05	6.76E-04	7.52E-03	1.25E-03	2.09E+00	3.52E-08	4.14E-08	3.51E+00	2.42E-01	1.70E-03	3.71E-02	7.90E-03	2.35E-01	3.28E+01	2.44E+00	1.79E-06	5.25E-08	2.72E-03	1.10E-04	6.40E-01	5.04E-01	3.45E+01	1.89E-03	3.45E+01	3.63E+01	1.11E+00	0.00E+00	0.00E+00	3.90E-10	3.36E-01
47921606	6.31E-03	1.03E+00	-1.51E-02	1.04E+00	5.19E-05	0.00E+00	7.25E+01	2.48E-05	6.73E-04	7.46E-03	1.23E-03	2.02E+00	3.64E-08	4.10E-08	3.39E+00	1.93E-01	1.66E-03	3.80E-02	7.80E-03	2.25E-01	3.12E+01	2.40E+00	1.79E-06	4.85E-08	2.64E-03	1.09E-04	6.62E-01	4.82E-01	3.29E+01	1.75E-03	3.29E+01	3.46E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	3.34E-01
47921909	6.67E-03	1.06E+00	-4.28E-02	1.09E+00	6.20E-05	0.00E+00	7.40E+01	2.43E-05	7.11E-04	7.93E-03	1.41E-03	2.42E+00	5.47E-08	4.12E-08	3.42E+00	2.29E-01	1.91E-03	4.08E-02	1.12E-02	2.71E-01	3.51E+01	2.19E+00	1.79E-06	5.66E-08	2.91E-03	1.13E-04	6.77E-01	8.59E-01	3.71E+01	1.70E-03	3.71E+01	3.84E+01	1.48E+00	0.00E+00	0.00E+00	3.90E-10	4.50E-01
47931909	6.81E-03	1.06E+00	-2.86E-02	1.09E+00	4.76E-05	0.00E+00	7.56E+01	2.10E-05	6.81E-04	7.65E-03	1.22E-03	2.42E+00	3.15E-08	4.28E-08	3.51E+00	1.88E-01	1.65E-03	4.06E-02	7.89E-03	2.28E-01	3.40E+01	1.87E+00	1.81E-06	5.54E-08	2.75E-03	9.99E-05	7.04E-01	5.82E-01	3.59E+01	1.69E-03	3.59E+01	3.71E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-01
47941606	8.35E-03	1.13E+00	-4.09E-02	1.17E+00	6.81E-05	0.00E+00	7.49E+01	2.77E-05	7.60E-04	9.02E-03	1.14E-03	2.73E+00	8.19E-08	4.62E-08	3.77E+00	2.46E-01	1.78E-03	4.15E-02	9.38E-03	2.81E-01	3.68E+01	2.20E+00	1.79E-06	6.28E-08	2.93E-03	1.43E-04	7.84E-01	8.34E-01	3.80E+01	1.89E-03	3.79E+01	3.91E+01	1.45E+00	0.00E+00	0.00E+00	3.90E-10	4.21E-01
47941909	6.15E-03	9.39E-01	-2.42E-02	9.36E-01	5.01E-05	0.00E+00	7.41E+01	2.15E-05	6.55E-04	7.26E-03	1.18E-03	1.90E+00	3.63E-08	3.99E-08	3.29E+00	1.69E-01	1.60E-03	3.77E-02	7.63E-03	2.20E-01	3.05E+01	2.33E+00	1.79E-06	4.61E-08	2.55E-03	1.07E-04	6.21E-01	5.04E-01	3.28E+01	1.76E-03	3.27E+01	3.39E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	3.23E-01
47951909	4.63E-03	1.02E+00	-5.01E-02	1.07E+00	4.38E-05	0.00E+00	1.11E+02	9.60E-06	6.79E-04	7.52E-03	1.22E-03	1.12E+00	6.06E-08	2.04E-08	1.15E+00	1.38E-01	1.66E-03	3.77E-02	6.00E-03	2.31E-01	3.34E+01	1.85E+00	1.80E-06	4.27E-08	2.60E-03	9.12E-05	6.26E-01	8.21E-01	3.52E+01	1.67E-03	3.52E+01	3.67E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01
47958982	5.20E-03	1.02E+00	-3.10E-02	1.05E+00	4.36E-05	0.00E+00	1.10E+02	9.39E-06	6.52E-04	7.29E-03	1.12E-03	1.10E+00	5.52E-08	2.71E-08	1.02E+00	1.37E-01	1.51E-03	3.76E-02	5.58E-03	2.09E-01	3.32E+01	1.84E+00	1.80E-06	4.19E-08	2.54E-03	8.59E-05	6.52E-01	5.73E-01	3.50E+01	1.67E-03	3.50E+01	3.62E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-01
47958989	3.63E-03	8.98E-01	-3.15E-02	9.29E-01	4.36E-05	0.00E+00	1.10E+02	9.35E-06	5.48E-04	6.08E-03	1.09E-03	1.12E+00	5.82E-08	1.97E-08	1.08E+00	1.37E-01	1.48E-03	3.76E-02	5.78E-03	1.99E-01	3.13E+01	1.73E+00	1.80E-06	3.73E-08	2.20E-03	8.47E-05	6.30E-01	5.70E-01	3.30E+01	1.67E-03	3.30E+01	3.42E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-01
48038989	6.00E-03	8.77E-01	-4.68E-02	9.24E-01	2.15E-05	0.00E+00	4.98E+02	1.30E-05	5.98E-04	6.45E-03	0.00E+00	3.71E+00	1.98E-07	7.49E-08	2.19E+00	1.51E-01	1.64E-03	3.81E-03	1.52E-02	2.53E-01	1.37E+01	1.81E+00	8.45E-07	6.70E-08	2.16E-03	1.18E-04	9.67E-01	9.49E-01	1.55E+01	3.72E-04	1.55E+01	1.75E+01	1.92E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-01
53420212	5.96E-03	6.18E-01	-1.88E-02	6.23E-01	1.10E-05	0.00E+00	3.67E+02	5.24E-05	5.85E-04	6.08E-03	7.23E-04	3.04E+00	2.33E-07	7.33E-08	5.17E+00	2.66E-01	9.65E-04	1.15E-02	1.88E-02	1.95E-01	1.28E+01	1.36E+00	5.68E-08	5.49E-08	2.10E-03	8.51E-05	5.16E-01	4.60E-01	1.47E+01	4.46E-05	1.47E+01	1.62E+01	1.01E+00	0.00E+00	0.00E+00	3.90E-10	8.01E-01
53420216	7.00E-03	6.91E-01	-1.79E-02	7.09E-01	3.55E-06	0.00E+00	4.74E+02	4.83E-05	7.37E-04	7.91E-03	6.83E-04	3.28E+00	2.36E-07	1.01E-07	5.64E+00	1.07E-01	9.24E-04	1.26E-02	1.64E-02	2.33E-01	1.14E+01	1.01E+00	7.26E-08	7.10E-08	2.48E-03	1.21E-04	3.56E-01	3.45E-01	1.24E+01	4.49E-05	1.24E+01	1.31E+01	7.01E-01	0.00E+00	0.00E+00	0.00E+00	7.03E-01
53420219	4.99E-03	5.06E-01	-1.96E-02	5.26E-01	3.55E-06	0.00E+00	4.73E+02	4.80E-05	5.23E-04	5.38E-03	6.94E-04	3.37E+00	2.50E-07	6.90E-08	7.25E+00	1.06E-01	9.39E-04	1.26E-02	1.77E-02	2.53E-01	8.49E+00	1.03E+00	6.14E-08	6.40E-08	1.81E-03	1.19E-04	2.57E-01	3.53E-01	9.51E+00	4.67E-05	9.51E+00	1.01E+01	6.10E-01	0.00E+00	0.00E+00	0.00E+00	7.59E-01
53420409	4.83E-03	7.09E-01	-1.21E-02	7.35E-01	3.07E-05	0.00E+00	5.23E+01	4.69E-05	5.47E-04	5.94E-03	8.01E-04	1.46E+00	1.69E-07	3.48E-08	2.82E+00	1.95E-01	1.37E-03	3.17E-02	3.93E-02	2.90E-01	2.33E+01	2.03E+00	1.29E-07	3.18E-08	1.88E-03	1.40E-04	5.90E-01	5.24E-01	2.54E+01	5.81E-04	2.54E+01	2.64E+01	1.23E+00	0.00E+00	0.00E+00	4.47E-05	1.72E+00
61419308	3.14E-03	2.96E-01	2.53E-03	2.93E-01	9.29E-07	0.00E+00	3.42E+02	6.21E-05	2.10E-04	2.41E-03	2.85E-04	1.74E+00	1.70E-07	4.10E-08	3.67E+00	1.81E-01	3.67E-04	1.01E-02	7.19E-03	1.09E-01	4.32E+00	6.86E-01	3.49E-07	2.19E-08	8.90E-04	4.37E-05	2.74E-01	1.10E-01	4.98E+00	4.64E-05	4.98E+00	5.39E+00	3.50E-01	0.00E+00	0.00E+00	3.90E-10	2.64E-01
6147431909	4.73E-03	5.47E-01	-2.30E-02	5.70E-01	4.51E-06	0.00E+00	5.09E+00	4.41E-05	4.36E-04	4.68E-03	7.65E-04	9.46E-01	1.45E-07	4.39E-08	3.24E+00	1.34E-01	1.04E-03	3.02E-02	4.51E-02	1.36E-01	2.15E+01	1.30E+00	6.56E-08	2.30E-08	1.68E-03	6.58E-05	1.75E-01	4.99E-01	2.28E+01	1.67E-05	2.28E+01	2.34E+01	6.73E-01	0.00E+00	0.00E+00	0.00E+00	1.94E+00
6147438982	4.51E-03	5.96E-01	-2.91E-02	6.25E-01	2.54E-08	0.00E+00	6.57E+00	4.04E-05	4.89E-04	5.14E-03	8.63E-04	9.39E-01	1.44E-07	2.30E-08	2.50E+00	1.11E-01	1.17E-03	2.98E-02	5.29E-02	2.06E-01	2.25E+01	1.32E+00	1.17E-07	2.63E-08	1.98E-03	9.83E-05	1.38E-01	6.84E-01	2.39E+01	1.67E-05	2.39E+01	2.47E+01	8.23E-01	0.00E+00	0.00E+00	0.00E+00	2.27E+00
6147438989	4.49E-03	5.88E-01	-2.18E-02	6.09E-01	2.70E-08	0.00E+00	6.52E+00	4.38E-05	4.73E-04	4.95E-03	8.21E-04	1.01E+00	1.54E-07	2.45E-08	2.62E+00	1.21E-01	1.11E-03	3.03E-02	5.00E-02	2.02E-01	2.22E+01	1.32E+00	1.17E-07	2.62E-08	1.94E-03	9.62E-05	1.02E-01	5.93E-01	2.36E+01	1.77E-05	2.36E+01	2.43E+01	6.95E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+00
61600049	6.08E-03	8.34E-01	-7.25E-03	9.26E-01	4.85E-08	0.00E+00	2.69E+02	4.17E-05	7.21E-04	8.10E-03	4.20E-04	2.35E+00	3.21E-08	4.53E-08	1.84E+00	6.64E-02	9.27E-04	2.73E-02	2.66E-02	2.86E-01	1.99E+01	7.69E-01	2.47E-07	3.85E-08	2.05E-03	2.72E-05	4.46E-01	2.61E-01	2.04E+01	1.07E-04	2.03E+01	2.11E+01	8.72E-01	0.00E+00	0.00E+00	7.23E-05	1.31E+00
61604049	8.41E-03	1.55E+00	-2.73E-02	1.54E+00	3.73E-05	0.00E+00	1.90E+02	1.32E-05	1.06E-03	1.25E-02	1.02E-03	2.46E+00	3.28E-08	4.97E-08	1.77E+00	1.56E-01	1.88E-03	2.43E-02	3.39E-02	7.90E-01	2.17E+01	3.04E+00	2.42E-07	6.06E-08	4.59E-03	1.67E-04	1.31E+00	6.05E-01	2.17E+01	9.97E-05	2.18E+01	2.32E+01	2.15E+00	0.00E+00	0.00E+00	2.58E-03	1.52E+00
6161032045	4.52E-03	5.15E-01	-2.06E-02	5.32E-01	1.23E-05	0.00E+00	2.43E+02	4.33E-05	4.03E-04	4.32E-03	6.40E-04	1.41E+00	1.40E-07	4.75E-08	3.05E+00	1.68E-01	8.62E-04	1.35E-02	1.41E-02	1.55E-01	8.83E+00	1.24E+00	2.91E-08	2.46E-08	1.70E-03	7.13E-05	3.78E-01	4.22E-01	1.08E+01	5.56E-05	1.08E+01	1.14E+01	7.58E-01	0.00E+00	0.00E+00	3.90E-10	5.79E-01
6161032089	4.54E-03	5.14E-01	-2.05E-02	5.34E-01	1.27E-05	0.00E+00	2.37E+02	4.21E-05	4.05E-04	4.33E-03	6.17E-04	1.41E+00	1.36E-07	4.81E-08	2.87E+00	1.34E-01	8.70E-04	1.27E-02	1.32E-02	1.54E-01	9.04E+00	1.25E+00	2.91E-08	2.41E-08	1.70E-03	7.13E-05	3.82E-01	4.19E-01	1.11E+01	6.02E-05	1.11E+01	1.19E+01	7.49E-01	0.00E+00	0.00E+00	3.90E-10	5.41E-01
6161036084	5.72E-03	5.40E-01	-1.65E-02	5.52E-01	6.25E-06	0.00E+00	2.43E+02	4.09E-05	4.59E-04	4.90E-03	6.77E-04	2.11E+00	1.44E-07	6.87E-08	3.14E+00	1.33E-01	9.18E-04	1.60E-02	1.90E-02	1.73E-01	9.69E+00	1.23E+00	8.73E-08	3.28E-08	1.86E-03	7.40E-05	4.16E-01	3.76E-01	1.16E+01	8.48E-05	1.16E+01	1.31E+01	9.93E-01	0.00E+00	0.00E+00	3.90E-10	8.20E-01
6161036086	5.49E-03	5.35E-01	-2.08E-02	5.44E-01	7.52E-06	0.00E+00	2.39E+02	4.18E-05	4.54E-04	4.94E-03	6.97E-04	2.10E+00	1.41E-07	6.72E-08	3.17E+00	1.40E-01	9.38E-04	1.62E-02	1.55E-02	1.64E-01	1.01E+01	1.21E+00	8.71E-08	3.19E-08	1.81E-03	7.62E-05	4.19E-01	4.83E-01	1.18E+01	8.47E-05	1.19E+01	1.34E+01	1.03E+00	0.00E+00	0.00E+00	3.90E-10	6.68E-01
6161036089	5.47E-03	5.35E-01	-2.14E-02	5.44E-01	5.95E-06	0.00E+00	2.42E+02	4.05E-05	4.55E-04	4.89E-03	6.97E-04	2.13E+00	1.42E-07	6.68E-08	3.48E+00	1.35E-01	9.41E-04	1.63E-02	1.61E-02	1.57E-01	9.87E+00	1.17E+00	8.79E-08	2.99E-08	1.81E-03	7.57E-05	4.06E-01	4.91E-01	1.17E+01	8.43E-05	1.18E+01	1.31E+01	1.03E+00	0.00E+00	0.00E+00	3.90E-10	6.66E-01
6167031909	4.25E-03	5.29E-01	-2.10E-02	5.50E-01	1.09E-05	0.00E+00	4.03E+00	2.91E-05	4.24E-04	4.72E-03	6.95E-04	7.66E-01	1.17E-07	3.53E-08	1.97E+00	9.31E-02	9.42E-04	2.15E-02	6.84E-03	1.46E-01	1.98E+01	1.17E+00	5.58E-08	2.16E-08	1.59E-03	7.43E-05	4.14E-01	4.58E-01	2.10E+01	1.31E-05	2.10E+01	2.19E+01	8.72E-01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
6167032045	4.47E-03	5.13E-01	-2.13E-02	5.22E-01	1.30E-05	0.00E+00	1.50E+01	3.18E-05	4.14E-04	4.50E-03	6.58E-04	1.24E+00	1.24E-07	3.23E-08	2.30E+00	1.51E-01	8.89E-04	1.77E-02	1.08E-02	1.64E-01	1.18E+01	1.07E+00	4.52E-08	2.39E-08	1.64E-03	7.66E-05	4.63E-01	4.41E-01	1.65E+01	2.84E-05	1.65E+01	1.73E+01	9.06E-01	0.00E+00	0.00E+00	3.90E-10	4.73E-01
6167032089	4.49E-03	5.11E-01	-2.12E-02	5.24E-01	1.37E-05	0.00E+00	1.50E+01	3.12E-05	4.15E-04	4.51E-03	6.31E-04	1.22E+00	1.20E-07	3.33E-08	2.20E+00	9.81E-02	8.89E-04	1.71E-02	9.81E-03	1.63E-01	1.20E+01	1.09E+00	4.50E-08	2.33E-08	1.63E-03	7.66E-05	4.53E-01	4.39E-01	1.67E+01	2.80E-05	1.67E+01	1.77E+01	8.74E-01	0.00E+00	0.00E+00	3.90E-10	4.37E-01

6167036084	5.56E-03	5.85E-01	-2.21E-02	5.83E-01	4.39E-06	0.00E+00	2.35E+01	2.95E-05	4.79E-04	5.34E-03	7.05E-04	1.92E+00	1.28E-07	4.21E-08	2.32E+00	8.36E-02	9.53E-04	1.94E-02	1.53E-02	1.70E-01	2.00E+01	1.10E+00	9.48E-08	3.16E-08	1.86E-03	8.15E-05	5.08E-01	5.07E-01	2.13E+01	3.99E-05	2.13E+01	2.20E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	7.64E-01
6167036086	5.34E-03	5.80E-01	-2.20E-02	5.86E-01	5.73E-06	0.00E+00	1.86E+01	3.12E-05	4.72E-04	5.31E-03	7.05E-04	1.94E+00	1.25E-07	3.96E-08	2.31E+00	9.25E-02	9.53E-04	1.94E-02	1.16E-02	1.73E-01	2.00E+01	1.10E+00	9.49E-08	3.12E-08	1.84E-03	8.19E-05	5.07E-01	5.06E-01	2.14E+01	4.00E-05	2.14E+01	2.24E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	6.10E-01
6167036089	5.08E-03	6.09E-01	-2.33E-02	6.32E-01	3.86E-06	0.00E+00	5.20E+00	2.89E-05	5.00E-04	5.78E-03	7.15E-04	7.73E-01	1.17E-07	3.55E-08	2.00E+00	7.39E-02	9.67E-04	2.15E-02	9.79E-03	1.60E-01	2.16E+01	9.61E-01	9.89E-08	2.65E-08	1.94E-03	8.42E-05	7.74E-01	5.26E-01	2.26E+01	1.32E-05	2.26E+01	2.39E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-01
6167038982	4.78E-03	5.69E-01	-2.29E-02	5.91E-01	3.86E-06	0.00E+00	5.07E+00	2.89E-05	4.69E-04	5.25E-03	7.06E-04	7.71E-01	1.17E-07	3.53E-08	1.97E+00	7.29E-02	9.55E-04	2.15E-02	9.67E-03	1.53E-01	2.08E+01	9.56E-01	9.82E-08	2.46E-08	1.84E-03	8.29E-05	4.87E-01	5.24E-01	2.17E+01	1.31E-05	2.17E+01	2.28E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-01
6167038989	4.18E-03	5.62E-01	-2.28E-02	5.84E-01	3.86E-06	0.00E+00	4.94E+00	2.87E-05	4.56E-04	5.11E-03	6.95E-04	8.18E-01	1.24E-07	1.97E-08	2.08E+00	7.29E-02	9.39E-04	2.15E-02	1.04E-02	1.77E-01	2.06E+01	9.56E-01	9.30E-08	2.48E-08	1.79E-03	8.31E-05	5.44E-01	5.23E-01	2.16E+01	1.40E-05	2.16E+01	2.26E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-01
6167157003	5.27E-03	5.30E-01	-2.12E-02	5.50E-01	9.01E-06	0.00E+00	2.21E+01	3.40E-05	4.32E-04	4.89E-03	6.58E-04	1.69E+00	1.22E-07	4.07E-08	2.25E+00	9.52E-02	9.43E-04	1.75E-02	2.26E-02	1.66E-01	1.90E+01	1.18E+00	5.04E-08	2.80E-08	1.73E-03	7.81E-05	4.75E-01	4.54E-01	2.00E+01	2.33E-05	2.00E+01	2.06E+01	9.57E-01	0.00E+00	0.00E+00	3.90E-10	7.52E-01
6167157006	5.22E-03	5.24E-01	-2.10E-02	5.31E-01	8.91E-06	0.00E+00	2.21E+01	3.07E-05	4.27E-04	4.73E-03	6.32E-04	1.70E+00	1.23E-07	4.07E-08	2.16E+00	9.68E-02	8.92E-04	1.71E-02	1.01E-02	1.66E-01	1.25E+01	1.16E+00	5.10E-08	2.61E-08	1.72E-03	7.81E-05	4.71E-01	4.39E-01	1.71E+01	2.31E-05	1.71E+01	1.81E+01	9.13E-01	0.00E+00	0.00E+00	3.90E-10	4.51E-01
6167157009	4.98E-03	5.28E-01	-2.12E-02	5.46E-01	9.04E-06	0.00E+00	1.50E+01	3.01E-05	4.29E-04	4.75E-03	6.49E-04	1.70E+00	1.22E-07	3.74E-08	2.14E+00	9.51E-02	9.19E-04	1.69E-02	9.67E-03	1.66E-01	1.62E+01	1.10E+00	5.08E-08	2.36E-08	1.70E-03	7.81E-05	4.63E-01	4.45E-01	1.79E+01	2.30E-05	1.79E+01	1.85E+01	9.13E-01	0.00E+00	0.00E+00	3.90E-10	4.33E-01
6167331404	5.37E-03	5.66E-01	-2.09E-02	5.96E-01	1.06E-05	0.00E+00	8.93E+01	2.38E-05	4.90E-04	5.38E-03	5.05E-04	2.04E+00	1.34E-07	4.14E-08	2.21E+00	1.38E-01	7.47E-04	1.98E-02	9.98E-03	2.05E-01	1.82E+01	1.17E+00	8.15E-07	3.21E-08	2.03E-03	1.30E-04	4.82E-01	4.51E-01	1.98E+01	2.33E-05	1.98E+01	2.04E+01	9.82E-01	0.00E+00	0.00E+00	3.90E-10	4.86E-01
6167331606	3.85E-03	6.00E-01	-2.17E-02	6.22E-01	1.05E-05	0.00E+00	3.82E+01	2.95E-05	4.37E-04	4.89E-03	7.11E-04	8.50E-01	1.30E-07	2.25E-08	2.17E+00	9.21E-02	9.62E-04	2.15E-02	7.73E-03	1.72E-01	2.02E+01	1.24E+00	7.90E-07	2.32E-08	1.62E-03	7.34E-05	5.51E-01	4.59E-01	2.14E+01	1.45E-05	2.14E+01	2.24E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-01
6167331909	5.11E-03	5.57E-01	-2.08E-02	5.70E-01	1.06E-05	0.00E+00	8.46E+01	2.38E-05	4.78E-04	5.13E-03	4.99E-04	2.03E+00	1.34E-07	3.76E-08	2.21E+00	1.38E-01	7.25E-04	1.96E-02	9.84E-03	2.05E-01	1.21E+01	1.17E+00	7.93E-07	3.02E-08	1.99E-03	1.30E-04	4.78E-01	4.39E-01	1.70E+01	2.28E-05	1.70E+01	1.80E+01	9.26E-01	0.00E+00	0.00E+00	3.90E-10	4.74E-01
6167336086	5.24E-03	6.14E-01	-2.17E-02	6.33E-01	5.71E-06	0.00E+00	6.54E+01	3.14E-05	4.68E-04	5.31E-03	7.15E-04	1.90E+00	1.43E-07	4.06E-08	2.41E+00	1.10E-01	9.65E-04	1.93E-02	1.29E-02	1.77E-01	2.01E+01	1.16E+00	8.24E-07	3.13E-08	1.84E-03	8.14E-05	5.44E-01	5.07E-01	2.17E+01	4.07E-05	2.17E+01	2.25E+01	1.08E+00	0.00E+00	0.00E+00	3.90E-10	7.52E-01
6167336089	5.29E-03	6.03E-01	-2.02E-02	6.13E-01	3.83E-06	0.00E+00	6.13E+01	3.02E-05	4.65E-04	5.16E-03	7.04E-04	1.93E+00	1.40E-07	3.93E-08	2.52E+00	1.02E-01	9.52E-04	1.94E-02	1.21E-02	1.77E-01	1.97E+01	1.02E+00	8.23E-07	2.93E-08	1.83E-03	8.04E-05	4.87E-01	4.20E-01	2.10E+01	4.00E-05	2.10E+01	2.16E+01	1.03E+00	0.00E+00	0.00E+00	3.90E-10	6.63E-01
6647438982	5.26E-03	6.69E-01	-2.07E-02	7.30E-01	2.00E-07	0.00E+00	1.44E+01	4.43E-05	5.50E-04	5.84E-03	7.95E-04	2.00E+00	1.40E-07	3.63E-08	3.32E+00	1.27E-01	1.13E-03	3.06E-02	4.15E-02	2.54E-01	2.29E+01	1.33E+00	1.45E-07	3.29E-08	2.06E-03	1.42E-04	2.53E-01	5.95E-01	2.43E+01	2.29E-05	2.43E+01	2.51E+01	7.83E-01	0.00E+00	0.00E+00	3.90E-10	2.08E+00
6647438989	4.45E-03	5.88E-01	-1.34E-02	6.01E-01	2.70E-08	0.00E+00	6.35E+00	4.36E-05	4.60E-04	4.84E-03	7.71E-04	1.01E+00	1.53E-07	2.45E-08	2.61E+00	1.21E-01	1.04E-03	3.02E-02	4.99E-02	1.98E-01	2.22E+01	1.31E+00	1.16E-07	2.60E-08	1.91E-03	9.41E-05	1.26E-01	4.82E-01	2.35E+01	1.77E-05	2.35E+01	2.41E+01	6.09E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+00
6647761404	5.44E-03	5.15E-01	-2.01E-02	5.36E-01	2.45E-05	0.00E+00	2.18E+02	4.05E-05	4.68E-04	4.74E-03	4.91E-04	2.19E+00	2.05E-07	6.68E-08	6.16E+00	2.46E-01	7.33E-04	1.96E-02	1.39E-02	2.22E-01	1.09E+01	1.54E+00	4.55E-08	3.47E-08	1.96E-03	9.26E-05	4.59E-01	4.99E-01	1.17E+01	9.17E-05	1.17E+01	1.24E+01	9.96E-01	0.00E+00	0.00E+00	1.16E-03	5.63E-01
6647761606	5.43E-03	5.10E-01	-1.98E-02	5.27E-01	2.37E-05	0.00E+00	2.19E+02	4.91E-05	4.64E-04	4.73E-03	4.78E-04	2.17E+00	2.38E-07	6.42E-08	6.70E+00	2.90E-01	7.16E-04	1.98E-02	1.02E-02	2.24E-01	9.49E+00	1.61E+00	4.14E-08	3.43E-08	1.94E-03	9.43E-05	4.63E-01	4.22E-01	1.15E+01	9.04E-05	1.15E+01	1.25E+01	9.12E-01	0.00E+00	0.00E+00	8.58E-04	4.27E-01
6647761909	5.41E-03	5.08E-01	-2.03E-02	5.25E-01	2.33E-05	0.00E+00	2.22E+02	4.09E-05	4.64E-04	4.66E-03	5.59E-04	2.13E+00	2.08E-07	6.53E-08	6.18E+00	2.39E-01	8.60E-04	1.98E-02	1.01E-02	2.21E-01	9.31E+00	1.55E+00	4.29E-08	3.37E-08	1.96E-03	9.18E-05	4.58E-01	4.25E-01	1.14E+01	9.11E-05	1.14E+01	1.22E+01	9.67E-01	0.00E+00	0.00E+00	8.58E-04	4.30E-01
6647768989	5.44E-03	5.13E-01	-2.01E-02	5.28E-01	2.34E-05	0.00E+00	2.27E+02	4.11E-05	4.59E-04	4.64E-03	4.89E-04	2.15E+00	2.09E-07	6.85E-08	6.21E+00	2.50E-01	7.28E-04	2.03E-02	1.03E-02	2.21E-01	9.63E+00	1.56E+00	4.47E-08	3.39E-08	1.98E-03	9.36E-05	4.61E-01	4.29E-01	1.15E+01	9.85E-05	1.15E+01	1.25E+01	9.57E-01	0.00E+00	0.00E+00	1.16E-03	4.52E-01
6647771606	5.45E-03	5.14E-01	-1.96E-02	5.34E-01	2.38E-05	0.00E+00	2.20E+02	5.06E-05	4.67E-04	4.79E-03	4.77E-04	2.22E+00	2.38E-07	6.60E-08	6.76E+00	2.94E-01	7.07E-04	1.96E-02	1.32E-02	2.24E-01	9.30E+00	1.60E+00	4.20E-08	3.45E-08	1.97E-03	9.32E-05	4.60E-01	4.18E-01	1.14E+01	8.98E-05	1.14E+01	1.24E+01	8.92E-01	0.00E+00	0.00E+00	8.58E-04	5.31E-01
6647771909	4.63E-03	4.72E-01	-2.14E-02	5.00E-01	2.33E-05	0.00E+00	2.30E+02	4.08E-05	3.80E-04	3.93E-03	6.27E-04	2.00E+00	2.25E-07	5.34E-08	5.20E+00	2.52E-01	9.05E-04	1.22E-02	1.05E-02	1.67E-01	8.94E+00	1.61E+00	2.95E-08	3.21E-08	1.61E-03	8.43E-05	4.53E-01	4.28E-01	1.08E+01	8.37E-05	1.08E+01	1.13E+01	8.69E-01	0.00E+00	0.00E+00	8.58E-04	4.54E-01
6647778989	5.48E-03	5.15E-01	-1.97E-02	5.33E-01	2.33E-05	0.00E+00	2.19E+02	4.12E-05	4.67E-04	4.83E-03	4.81E-04	2.14E+00	2.06E-07	6.89E-08	6.12E+00	2.50E-01	7.07E-04	2.03E-02	1.04E-02	2.23E-01	9.27E+00	1.55E+00	4.24E-08	3.32E-08	2.03E-03	9.36E-05	4.47E-01	4.12E-01	1.13E+01	9.88E-05	1.14E+01	1.23E+01	8.91E-01	0.00E+00	0.00E+00	8.58E-04	4.42E-01
6647781909	5.44E-03	5.17E-01	-1.94E-02	5.32E-01	2.32E-05	0.00E+00	2.15E+02	4.05E-05	4.69E-04	4.83E-03	5.50E-04	2.10E+00	2.05E-07	6.56E-08	6.12E+00	2.38E-01	8.38E-04	1.99E-02	1.03E-02	2.23E-01	9.11E+00	1.55E+00	4.05E-08	3.31E-08	2.00E-03	9.21E-05	4.44E-01	4.12E-01	1.12E+01	9.14E-05	1.12E+01	1.22E+01	8.89E-01	0.00E+00	0.00E+00	8.58E-04	4.33E-01
6647788989	1.84E-02	1.81E+00	-1.81E-01	1.98E+00	2.51E-05	0.00E+00	3.61E+03	4.24E-05	1.72E-03	1.72E-02	2.89E-03	5.03E+00	2.71E-07	9.95E-08	5.59E+00	2.60E-01	4.39E-03	3.41E-02	3.58E-02	4.90E-01	3.72E+01	6.23E+00	1.85E-07	1.35E-07	6.50E-03	2.33E-04	1.52E+00	2.14E+00	4.49E+01	1.33E-04	4.42E+01	4.64E+01	2.78E+00	0.00E+00	0.00E+00	2.86E-03	1.43E+00
67412809	3.14E-03	2.75E-01	-2.51E-02	2.71E-01	2.81E-05	0.00E+00	3.43E+02	6.28E-05	2.10E-04	2.40E-03	2.98E-04	1.70E+00	2.10E-07	4.19E-08	3.70E+00	1.85E-01	4.04E-04	1.16E-02	6.39E-03	1.08E-01	4.29E+00	6.85E-01	2.77E-07	2.13E-08	8.40E-04	4.36E-05	3.82E-01	6.10E-01	5.14E+00	5.90E-05	5.14E+00	5.46E+00	4.91E-01	0.00E+00	0.00E+00	3.90E-10	2.72E-01
67419405	3.23E-03	2.78E-01	-4.92E-03	2.78E-01	2.65E-05	0.00E+00	3.47E+02	6.36E-05	2.30E-04	2.54E-03	2.99E-04	1.71E+00	2.04E-07	3.88E-08	3.83E+00	1.82E-01	4.00E-04	1.02E-02	6.32E-03	1.07E-01	4.45E+00	7.01E-01	2.76E-07	2.20E-08	9.18E-04	4.15E-05	2.76E-01	1.29E-01	5.34E+00	4.64E-05	5.34E+00	5.62E+00	3.65E-01	0.00E+00	0.00E+00	3.90E-10	2.65E-01
67419409	3.23E-03	2.77E-01	-4.92E-03	2.78E-01	2.65E-05	0.00E+00	3.47E+02	6.36E-05	2.30E-04	2.54E-03	2.99E-04	1.71E+00	2.04E-07	3.88E-08	3.83E+00	1.82E-01	4.00E-04	1.01E-02	6.32E-03	1.08E-01	4.43E+00	7.01E-01	2.76E-07	2.20E-08	9.20E-04	4.22E-05	2.76E-01	1.31E-01	5.33E+00	4.65E-05	5.33E+00	5.58E+00	3.62E-01	0.00E+00	0.00E+00	3.90E-10	2.65E-01
6745643501	3.84E-03	6.48E-01	-3.43E-02	7.02E-01	3.12E-06	0.00E+00	2.77E+02	4.51E-05	5.37E-04	6.04E-03	1.25E-03	9.69E-01	1.70E-07	3.51E-08	4.52E+00	1.47E-01	1.84E-03	9.96E-03	3.65E-02	1.52E-01	1.16E+01	4.54E+00	2.28E-08	2.79E-08	1.87E-03	3.34E-05	7.62E-01	7.04E-01	1.55E+01	1.19E-04	1.55E+01	1.73E+01	1.50E+00	0.00E+00	0.00E+00	5.55E-04	1.53E+00
6745643503	3.79E-03	5.89E-01	-2.46E-02	6.28E-01	3.22E-06	0.00E+00	2.72E+02	4.42E-05	4.97E-04	5.72E-03	1.22E-03	9.20E-01	1.71E-07	3.52E-08	4.44E+00	1.46E-01	1.75E-03	9.80E-03	3.67E-02	1.42E-01	1.12E+01	4.53E+00	2.28E-08	2.76E-08	1.84E-03	3.06E-05	7.15E-01	5.43E-01	1.51E+01	1.19E-04	1.50E+01	1.66E+01	1.33E+00	0.00E+00	0.00E+00	1.14E-03	1.53E+00
6745643504	3.84E-03	6.48E-01	-3.43E-02	7.02E-01	3.12E-06	0.00E+00	2.77E+02	4.51E-05	5.37E-04	6.04E-03	1.25E-03	9.69E-01	1.70E-07	3.51E-08	4.52E+00	1.47E-01	1.84E-03	9.96E-03	3.65E-02	1.52E-01	1.16E+01	4.55E+00	2.28E-08	2.79E-08	1.87E-03	3.34E-05	7.62E-01	7.04E-01	1.55E+01	1.19E-04	1.55E+01	1.73E+01	1.50E+00	0.00E+00	0.00E+00	5.55E-04	1.53E+00
6745643507	3.84E-03	6.48E-01	-3.43E-02	7.02E-01	3.12E-06	0.00E+00	2.77E+02	4.51E-05	5.37E-04	6.04E-03	1.25E-03	9.69E-01	1.70E-07	3.51E-08	4.52E+00	1.47E-01	1.84E-03	9.96E-03	3.65E-02	1.52E-01	1.16E+01	4.54E+00	2.28E-08	2.79E-08	1.87E-03	3.34E-05	7.62E-01	7.04E-01	1.55E+01	1.19E-04	1.55E+01	1.73E+01	1.50E+00	0.00E+00	0.00E+00	5.55E-04	1.53E+00
6745643513	4.16E-03	6.46E-01	-3.43E-02	6.99E-01	3.08E-06	0.00E+00	2.92E+02	4.70E-05	5.45E-04	6.10E-03	1.27E-03	1.02E+00	1.62E-07	3.72E-08	5.32E+00	1.52E-01	1.84E-03	9.92E-03	3.89E-02	1.51E-01	1.12E+01	4.57E+00	4.19E-08	3.05E-08	1.89E-03	5.44E-05	7.68E-01	7.09E-01	1.54E+01	1.19E-04	1.53E+01	1.71E+01	1.52E+00	0.00E+00	0.00E+00	4.98E-04	1.71E+00
6765088962	5.18E-03	5.68E-01	-1.84E-02	5.90E-01	3.01E-05	0.00E+00	9.05E+01	4.52E-05	4.04E-04	4.66E-03	7.13E-04	1.94E+00	2.02E-07	4.06E-08	2.94E+00	2.11E-01	9.61E-04	1.80E-02	3.33E-02	2.21E-01	1.58E+01	1.49E+00	1.91E-07	3.22E-08	1.82E-03	1.60E-04	4.36E-01	4.56E-01	1.82E+01	3.70E-05	1.80E+01	1.93E+01	9.13E-01	0.00E+00	0.00E+00	3.90E-10	1.51E+00
6765091909	7.49E-03	9.38E-01	-1.92E-02	9.59E-01	8.41E-06	0.00E+00	5.10E+01	4.42E-05	7.29E-04	7.96E-03	8.37E-04	2.13E+00	1.95E-07	4.80E-08	3.86E+00	2.04E-01	1.26E-03	3.10E-02	3.47E-02	3.10E-01	2.52E+01	1.69E+00	8.29E-07	4.25E-08	2.61E-03	1.71E-04	8.55E-01	5.07E-01	2.74E+01	3.64E-05	2.74E+01	2.89E+01	1.50E+00	0.00E+00	0.00E+00	2.23E-07	1.81E+00
6765091913	7.53E-03	9.49E-01	-2.00E-02	9.72E-01	8.41E-06	0.00E+00	5.10E+01	4.43E-05	7.30E-04	8.10E-03	8.41E-04	2.05E+00	1.94E-07	4.78E-08	3.90E+00	2.05E-01	1.27E-03	3.06E-02	3.52E-02	3.13E-01	2.52E+01	1.71E+00	8.30E-07	4.34E-08	2.60E-03	2.04E-04	8.63E-01	5.29E-01	2.74E+01	3.73E-05	2.74E+01	2.89E+01	1.54E+00	0.00E+00	0.00E+00	3.00E-07	1.82E+00
6765091914	7.44E-03	9.13E-01	-2.00E-02	9.43E-01	7.21E-06	0.00E+00	5.07E+01	4.52E-05	7.21E-04	8.04E-03	8.28E-04	2.08E+00	1.99E-07	4.82E-08	3.97E+00	2.03E-01	1.24E-03	3.11E-02	3.38E-02	2.87E-01	2.50E+01	1.67E+00	8.30E-07	4.20E-08	2.58E-03	1.87E-04	8.52E-01	5.10E-01	2.72E+01	3.74E-05	2.72E+01	2.87E+01	1.50E+00	0.00E+00	0.00E+00	3.00E-07	1.79E+00
6765092022	5.91E-03	7.69E-01	-2.06E-02	7.92E-01	4.44E-06	0.00E+00	4.84E+01	5.61E-05	5.59E-04	5.88E-03	9.45E-04	1.44E+00	2.08E-07	3.65E-08	3.81E+00	1.51E-01	1.28E-03	3.21E-02	4.01E-02	2.29E-01	2.54E+01	1.68E+00	8.22E-07	3.51E-08	2.12E-03	1.27E-04	5.95E-01	5.28E-01	2.73E+01	2.85E-05	2.74E+01	2.88E+01	1.21E+00	0.00E+00	0.00E+00	2.23E-07	1.80E+00
6765092045	4.83E-03	6.26E-01	-1.55E-02	6.72E-01	8.57E-06	0.00E+00	5.95E+01	2.20E-05	5.12E-04	5.77E-03	3.29E-04	1.51E+00	9.01E-08	3.54E-08	1.98E+00	1.07E-01	1.26E-03	3.48E-02	3.49E-02	2.21E-01	2.28E+01	1.54E+00	7.92E-07	3.29E-08	1.88E-03	8.63E-05	7.03E-01	5.13E-01	2.46E+01	2.52E-05	2.46E+01	2.57E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
6765092089	4.72E-03	6.32E-01	-1.56E-02	6.74E-01	8.63E-06	0.00E+00	5.97E+01	1.83E-05	5.11E-04	5.78E-03	3.21E-04	1.51E+00	8.99E-08	3.52E-08	1.93E+00	7.39E-02	1.28E-03	3.52E-02	3.20E-02	2.21E-01	2.23E+01	1.58E+00	7.88E-07	3.21E-08	1.87E-03	8.58E-05	6.90E-01	5.13E-01	2.44E+01	2.52E-05	2.43E+01	2.54E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
6765096013	6.15E-03	7.38E-01	-2.71E-02	7.79E-01	3.93E-06	0.00E+00	4.77E+01	5.18E-05	5.79E-04	6.49E-03	9.94E-04	1.65E+00	2.18E-07	4.23E-08	3.71E+00	1.49E-01	1.35E-03	3.32E-02	4.09E-02	2.42E-01	2.63E+01	1.75E+00	8.73E-07	3.85E-08	2.25E-03	1.18E-04	7.85E-01	6.61E-01	2.89E+01	4.31E-05	2.90E+01	3.06E+01	1.54E+00	0.00E+00	0.00E+00	3.00E-07	1.87E+00
6765096086	6.01E-03	7.29E-01	-2.09E-02	7.50E-01	4.02E-06	0.00E+00	4.77E+01	5.16E-05	5.65E-04	6.32E-03	9.45E-04	1.74E+00	2.17E-07	4.26E-08	3.66E+00	1.49E-01	1.28E-03	3.30E-02	4.12E-02	2.41E-01	2.56E+01	1.59E+00	8.47E-07	3.83E-08	2.24E-03	1.09E-04	6.39E-01	5.98E-01	2.76E+01	4.17E-05	2.77E+01	2.91E+01	1.31E+00	0.00E+00	0.00E+00	2.23E-07	1.86E+00
6765096089	6.06E-03	7.27E-01	-2.09E-02	7.50E-01	3.90E-06	0.00E+00	4.77E+01	5.16E-05	5.66E-04	6.34E-03	9.45E-04	1.70E+00	2.17E-07	4.23E-08	3.66E+00	1.47E-01	1.28E-03	3.32E-02	4.13E-02	2.41E-01	2.56E+01	1.59E+00	8.47E-07	3.86E-08	2.23E-03	1.09E-04	6.63E-01	5.98E-01	2.77E+01	4.11E-05	2.78E+01	2.92E+01	1.30E+00	0.00E+00	0.00E+00	2.23E-07	1.86E+00
6765097015	6.04E-03	7.75E-01	-2.07E-02	8.00E-01	4.26E-06	0.00E+00	4.84E+01	5.58E-05	5.78E-04	6.16E-03	9.45E-04	1.62E+00	2.12E-07	4.63E-08	3.79E+00	1.50E-01	1.28E-03	3.21E-02	4.01E-02	2.45E-01	2.54E+01	1.68E+00	8.22E-07	3.65E-08	2.16E-03	1.27E-04	7.35E-01	5.28E-01	2.73E+01	2.37E-05	2.73E+01	2.88E+01	1.36E+00	0.00E+00	0.00E+00	2.23E-07	1.80E+00
6765098913	6.68E-03	9.06E-01	-2.46E-02	9.58E-01	3.75E-06	0.00E+00	5.02E+01	5.49E-05	6.65E-04	7.41E-03	9.80E-04	1.68E+00	2.08E-07	4.65E-08	3.86E+00	1.49E-01	1.33E-03	3.06E-02	4.18E-02	2.84E-01	2.60E+01	1.78E+00	8.88E-07	4.21E-08	2.61E-03	1.40E-04	8.42E-01	6.56E-01	2.87E+01	3.25E-05	2.86E+01	3.01E+01	1.55E+00	0.00E+00	0.00E+00	3.00E-07	1.89E+00
6765098914	6.68E-03	9.10E-01	-2.09E-02	9.43E-01	3.73E-06	0.00E+00	5.04E+01	5.47E-05	6.61E-04	7.32E-03	9.45E-04	1.66E+00	2.10E-07	4.64E-08	3.88E+00	1.50E-01	1.28E-03	3.06E-02	4.13E-02	2.75E-01	2.58E+01	1.65E+00	8.73E-07	4.17E-08	2.61E-03	1.34E-04	8.25E-01	5.98E-01	2.81E+01	3.24E-05	2.80E+01	2.95E+01	1.50E+00	0.00E+00	0.00E+00	3.00E-07	1.88E+00
6765098915	6.67E-03	9.06E-01	-2.50E-02	9.59E-01	3.75E-06	0.00E+00	5.02E+01	5.49E-05	6.66E-04	7.36E-03	9.81E-04	1.71E+00	2.08E-07	4.65E-08	3.85E+00	1.49E-01	1.33E-03	3.07E-02	4.18E-02	2.85E-01	2.61E+01	1.78E+00	8.88E-07	4.21E-08	2.62E-03	1.40E-04	8.47E-01	6.54E-01	2.87E+01	3.26E-05	2.86E+01	3.00E+01	1.54E+00	0.00E+00	0.00E+00	2.23E-07	1.89E+00
6765098989	5.94E-03	7.50E-01	-2.57E-02	7.98E-01	3.52E-06	0.00E+00	4.90E+01	5.62E-05	5.60E-04	6.12E-03	9.82E-04	1.47E+00	2.12E-07	3.53E-08	3.83E+00	1.46E-01	1.33E-03	3.19E-02	4.12E-02	2.32E-01	2.60E+01	1.78E+00	8.85E-07	3.59E-08	2.20E-03	1.13E-04	6.03E-01	6.74E-01	2.84E+01	2.37E-05	2.84E+01	2.98E+01	1.21E+00	0.00E+00	0.00E+00	2.23E-07	1.86E+00
6765101404	8.45E-03	1.10E+00	-1.75E-02	1.12E+00	1.05E-05	0.00E+00	1.09E+02	4.72E-05	7.91E-04	8.99E-03	8.66E-04	2.45E+00	1.88E-07	6.20E-08	4.38E+00	2.18E-01	1.32E-03	3.08E-02	3.68E-02	4.08E-01	2.83E+01	1.91E+00	9.22E-07	4.45E-08	3.20E-03	4.38E-04	9.10E-01	5.31E-01	3.11E+01	4.75E-05	3.11E+01	3.25E+01	1.57E+00	0.00E+00	0.00E+00	1.68E-08	1.80E+00
6765101606	8.06E-03	1.01E+00	-1.77E-02	1.06E+00	9.31E-06	0.00E+00	1.00E+02	4.84E-05	7.64E-04	8.81E-03	8.63E-04	2.49E+00	1.90E-07	6.32E-08	4.43E+00	2.24E-01	1.32E-03	3.09E-02	3.62E-02	3.78E-01	2.64E+01	1.85E+00	8.90E-07	4.33E-08	2.76E-03	2.93E-04	8.97E-01	5.30E-01	2.91E+01	4.66E-05	2.91E+01	3.09E+01	1.54E+00	0.00E+00	0.00E+00	1.68E-08	1.77E+00
6765101909	8.16E-03	1.03E+00	-1.75E-02	1.08E+00	1.05E-05	0.00E+00	1.09E+02	4.72E-05	7.74E-04	8.79E-03	8.66E-04	2.45E+00	1.88E-07	6.10E-08	4.38E+00	2.18E-01	1.32E-03	3.08E-02	3.68E-02	4.08E-01	2.64E+01	1.90E+00	9.07E-07	4.41E-08	2.81E-03	4.38E-04	9.09E-01	5.31E-01	2.93E+01	4.75E-05	2.93E+01	3.09E+01	1.57E+00	0.00E+00	0.00E+00	1.68E-08	1.80E+00
6765102045	4.89E-03	6.60E-01	-1.51E-02	7.09E-01	1.32E-05	0.00E+00	6.17E+01	2.23E-05	5.14E-04	5.72E-03	2.88E-04	1.51E+00	8.97E-08	3.54E-08	2.04E+00	1.34E-01	1.21E-03	3.49E-02	3.87E-02	2.15E-01	2.27E+01	1.56E+00	7.75E-07	3.27E-08	1.90E-03	9.49E-05	7.10E-01	5.16E-01	2.45E+01	2.53E-05	2.46E+01	2.54E+01	1.30E+00	0.00E+00	0.00E+00	9.63E-05	1.62E+00
6765102089	4.77E-03	6.73E-01	-2.58E-02	7.04E-01	1.33E-05	0.00E+00	6.18E+01	1.86E-05	5.02E-04	5.66E-03	3.28E-04	1.51E+00	9.02E-08	3.36E-08	2.07E+00	1.19E-01	1.26E-03	3.54E-02	3.69E-02	2.57E-01	2.23E+01	2.09E+00	7.72E-07	2.97E-08	1.89E-03	9.09E-05	8.81E-01	5.71E-01	2.38E+01	2.52E-05	2.39E+01	2.50E+01	1.34E+00	0.00E+00	0.00E+00	1.50E-03	1.62E+00
6765106084	7.04E-03	9.07E-01	-1.76E-02	9.40E-01	6.58E-06	0.00E+00	9.69E+01	6.08E-05	6.34E-04	7.28E-03	9.78E-04	2.14E+00	2.06E-07	6.00E-08	4.26E+00	1.91E-01	1.34E-03	3.22E-02	4.08E-02	3.39E-01	2.85E+01	1.99E+00	8.97E-07	3.89E-08	2.86E-03	2.21E-04	8.13E-01	5.28E-01	3.08E+01	5.14E-05	3.08E+01	3.21E+01	1.39E+00	0.00E+00	0.00E+00	1.68E-08	1.82E+00
6765106086	7.12E-03	9.02E-01	-1.80E-02	9.54E-01	6.92E-06	0.00E+00	9.69E+01	6.17E-05	6.23E-04	6.95E-03	9.45E-04	2.13E+00	2.02E-07	5.97E-08	4.27E+00	1.92E-01	1.28E-03	3.20E-02	4.05E-02	3.39E-01	2.96E+01	1.77E+00	8.53E-07	4.07E-08	2.46E-03	2.18E-04	7.74E-01	5.30E-01	3.18E+01	5.16E-05	3.17E+01	3.30E+01	1.36E+00	0.00E+00	0.00E+00	1.68E-08	1.81E+00
6765106089	6.58E-03	7.95E-01	-1.73E-02	8.61E-01	7.62E-06	0.00E+00	9.68E+01	5.98E-05	6.12E-04	6.70E-03	9.90E-04	2.12E+00	2.04E-07	5.71E-08	4.24E+00	1.83E-01	1.34E-03	3.23E-02	4.17E-02	3.47E-01	2.66E+01	1.98E+00	8.87E-07	3.91E-08	2.29E-03	3.28E-04	8.16E-01	5.31E-01	2.90E+01	5.23E-05	2.90E+01	3.04E+01	1.39E+00	0.00E+00	0.00E+00	1.68E-08	1.85E+00
6765107003	7.07E-03	9.11E-01	-1.71E-02	9.51E-01	7.71E-06	0.00E+00	1.06E+02	5.99E-05	6.42E-04	7.27E-03	9.93E-04	2.17E+00	2.03E-07	5.90E-08	4.23E+00	1.90E-01	1.36E-03	3.19E-02	4.16E-02	3.59E-01	2.85E+01	2.04E+00	9.10E-07	3.89E-08	2.87E-03	3.60E-04	8.25E-01	5.30E-01	3.08E+01	5.26E-05	3.08E+01	3.20E+01	1.39E+00	0.00E+00	0.00E+00	1.68E-08	1.85E+00
6765107006	6.95E-03	9.10E-01	-2.43E-02	9.49E-01	7.81E-06	0.00E+00	1.11E+02	6.01E-05	6.34E-04	7.18E-03	1.02E-03	2.04E+00	2.04E-07	5.61E-08	4.22E+00	1.90E-01	1.38E-03	3.09E-02	4.17E-02	3.68E-01	2.85E+01	2.01E+00	9.21E-07	3.77E-08	2.84E-03	3.59E-04	8.24E-01	5.39E-01	3.07E+01	3.06E-05	3.08E+01	3.22E+01	1.41E+00	0.00E+00	0.00E+00	1.68E-08	1.85E+00
6765107009	6.53E-03	7.92E-01	-2.30E-02	8.66E-01	7.71E-06	0.00E+00	1.11E+02	6.00E-05	6.02E-04	6.62E-03	1.02E-03	1.99E+00	2.04E-07	5.47E-08	4.24E+00	1.85E-01	1.38E-03	3.21E-02	4.18E-02	3.67E-01	2.67E+01	2.00E+00	8.95E-07	3.78E-08	2.25E-03	3.59E-04	8.17E-01	5.29E-01	2.91E+01	3.06E-05	2.90E+01	3.06E+01	1.39E+00	0.00E+00	0.00E+00	1.68E-08	1.85E+00
6765108982	6.32E-03	7.89E-01	-1.75E-02	8.54E-01	7.42E-06	0.00E+00	1.06E+02	6.01E-05	5.86E-04	6.26E-03	9.82E-04	1.59E+00	2.05E-07	5.17E-08	4.21E+00	1.81E-01	1.33E-03	3.21E-02	4.15E-02	3.30E-01	2.67E+01	1.95E+00	8.93E-07	3.53E-08	2.18E-03	3.52E-04	6.23E-01	5.32E-01	2.90E+01	2.78E-05	2.91E+01	3.05E+01	1.16E+00	0.00E+00	0.00E+00	1.68E-08	1.84E+00
6765108989	6.31E-03	7.88E-01	-1.79E-02	8.52E-01	7.42E-06	0.00E+00	1.06E+02	6.01E-05	5.87E-04	6.26E-03	9.77E-04	1.59E+00	2.05E-07	5.17E-08	4.21E+00	1.81E-01	1.32E-03	3.21E-02	4.15E-02	3.30E-01	2.66E+01	1.89E+00	8.90E-07	3.51E-08	2.18E-03	3.52E-04	5.97E-01	5.32E-01	2.90E+01	2.78E-05	2.91E+01	3.05E+01	1.16E+00	0.00E+00	0.00E+00	1.68E-08	1.84E+00
6765111606	5.22E-03	8.62E-01	-1.54E-02	9.05E-01	1.25E-05	0.00E+00	7.31E+01	3.46E-05	5.81E-04	6.58E-03	1.14E-03	1.81E+00	2.01E-07	2.03E-08	1.60E+00	1.76E-01	1.58E-03	3.06E-02	3.98E-02	2.46E-01	2.67E+01	2.93E+00	8.51E-07	3.81E-08	2.08E-03	1.07E-04	6.23E-01	5.13E-01	2.90E+01	1.76E-05	2.90E+01	2.98E+01	1.01E+00	0.00E+00	0.00E+00	3.90E-10	1.79E+00
6765116084	6.41E-03	9.95E-01	-4.48E-02	1.06E+00	1.16E-05	0.00E+00	7.15E+01	5.44E-05	6.90E-04	7.94E-03	1.17E-03	2.66E+00	2.02E-07	4.87E-08	4.01E+00	2.20E-01	1.77E-03	3.56E-02	3.85E-02	2.63E-01	3.18E+01	2.64E+00	8.66E-07	5.68E-08	3.85E-03	1.21E-04	8.29E-01	8.69E-01	3.03E+01	7.76E-05	3.02E+01	3.21E+01	1.58E+00	0.00E+00	0.00E+00	3.90E-10	1.83E+00
6765116086	6.87E-03	9.10E-01	-5.63E-02	9.84E-01	1.18E-05	0.00E+00	6.87E+01	5.45E-05	6.55E-04	7.54E-03	9.18E-04	2.55E+00	1.73E-07	5.26E-08	4.02E+00	1.97E-01	1.60E-03	3.32E-02	4.53E-02	2.60E-01	3.19E+01	2.44E+00	8.59E-07	4.99E-08	2.53E-03	1.26E-04	8.32E-01	1.20E+00	3.36E+01	8.18E-05	3.35E+01	3.44E+01	1.59E+00	0.00E+00	0.00E+00	3.90E-10	1.93E+00
6765116089	5.12E-03	8.47E-01	-2.49E-02	8.95E-01	1.26E-05	0.00E+00	7.18E+01	4.90E-05	5.89E-04	7.00E-03	1.14E-03	2.40E+00	2.09E-07	4.14E-08	3.76E+00	1.88E-01	1.61E-03	3.09E-02	4.20E-02	2.76E-01	2.64E+01	3.02E+00	8.51E-07	4.38E-08	2.18E-03	1.11E-04	7.70E-01	5.56E-01	2.88E+01	4.28E-05	2.87E+01	2.93E+01	1.22E+00	0.00E+00	0.00E+00	3.90E-10	1.84E+00
6765117006	5.77E-03	9.22E-01	-1.56E-02	9.57E-01	1.61E-05	0.00E+00	7.18E+01	4.99E-05	6.39E-04	7.42E-03	1.13E-03	2.23E+00	2.04E-07	4.23E-08	2.97E+00	1.93E-01	1.58E-03	3.07E-02	4.18E-02	2.86E-01	2.79E+01	2.93E+00	8.68E-07	4.25E-08	2.63E-03	1.08E-04	7.33E-01	5.37E-01	3.03E+01	2.38E-05	3.04E+01	3.11E+01	1.17E+00	0.00E+00	0.00E+00	3.90E-10	1.83E+00
6765118989	7.02E-03	1.02E+00	-2.61E-02	1.09E+00	1.61E-05	0.00E+00	7.45E+01	3.65E-05	7.26E-04	8.60E-03	8.98E-04	2.72E+00	1.94E-07	4.63E-08	3.18E+00	2.33E-01	1.58E-03	3.19E-02	3.73E-02	3.45E-01	2.79E+01	2.78E+00	8.60E-07	5.21E-08	2.65E-03	2.08E-04	9.04E-01	6.07E-01	3.03E+01	1.01E-04	3.03E+01	3.15E+01	1.56E+00	0.00E+00	0.00E+00	3.90E-10	1.84E+00
6765757003	5.86E-03	7.17E-01	-2.41E-02	7.48E-01	1.09E-05	0.00E+00	4.36E+01	5.13E-05	5.40E-04	6.02E-03	9.64E-04	1.67E+00	2.13E-07	4.01E-08	3.00E+00	1.87E-01	1.30E-03	2.96E-02	4.03E-02	2.70E-01	2.41E+01	1.65E+00	8.10E-07	3.29E-08	2.13E-03	9.72E-05	5.81E-01	5.73E-01	2.63E+01	2.32E-05	2.63E+01	2.75E+01	1.21E+00	0.00E+00	0.00E+00	3.90E-10	1.77E+00
6765757004	7.91E-03	1.25E+00	-1.95E-02	1.24E+00	1.08E-05	0.00E+00	4.38E+01	5.14E-05	8.57E-04	9.25E-03	1.00E-03	1.63E+00	2.12E-07	3.91E-08	3.01E+00	1.90E-01	1.36E-03	5.17E-02	4.03E-02	4.39E-01	3.04E+01	1.76E+00	8.37E-07	4.07E-08	2.97E-03	1.04E-04	5.48E-01	5.22E-01	3.18E+01	2.31E-05	3.18E+01	3.27E+01	1.09E+00	0.00E+00	0.00E+00	1.12E-02	1.78E+00
6765757006	4.97E-03	6.84E-01	-2.63E-02	7.23E-01	3.90E-06	0.00E+00	4.37E+01	5.14E-05	5.13E-04	5.42E-03	9.06E-04	1.68E+00	2.20E-07	3.99E-08	4.20E+00	1.50E-01	1.23E-03	2.92E-02	3.98E-02	2.10E-01	2.29E+01	1.47E+00	8.02E-07	3.01E-08	1.97E-03	9.01E-05	3.46E-01	5.14E-01	2.44E+01	2.33E-05	2.44E+01	2.55E+01	9.34E-01	0.00E+00	0.00E+00	3.90E-10	1.71E+00
6765757009	5.40E-03	7.09E-01	-2.69E-02	7.61E-01	3.84E-06	0.00E+00	4.37E+01	5.16E-05	5.40E-04	5.95E-03	9.23E-04	1.64E+00	2.20E-07	3.94E-08	4.24E+00	1.44E-01	1.25E-03	2.92E-02	3.96E-02	2.23E-01	2.35E+01	1.47E+00	8.05E-07	3.09E-08	2.08E-03	9.16E-05	4.90E-01	5.52E-01	2.51E+01	2.33E-05	2.51E+01	2.62E+01	1.01E+00	0.00E+00	0.00E+00	3.90E-10	1.71E+00
6765760062	5.95E-03	7.23E-01	-2.65E-02	7.70E-01	5.77E-06	0.00E+00	4.70E+01	3.99E-05	6.21E-04	6.08E-03	8.01E-04	2.06E+00	2.06E-07	4.80E-08	4.40E+00	1.83E-01	1.16E-03	2.89E-02	3.39E-02	2.39E-01	2.29E+01	1.39E+00	8.14E-07	3.41E-08	2.38E-03	2.03E-04	3.59E-01	5.63E-01	2.42E+01	3.48E-05	2.42E+01	2.51E+01	9.68E-01	0.00E+00	0.00E+00	3.90E-10	1.65E+00
6765760063	6.14E-03	8.34E-01	-2.67E-02	8.71E-01	6.98E-06	0.00E+00	4.74E+01	3.89E-05	6.44E-04	6.47E-03	8.31E-04	2.01E+00	2.04E-07	4.85E-08	4.40E+00	1.80E-01	1.20E-03	2.89E-02	3.43E-02	2.68E-01	2.29E+01	1.41E+00	8.13E-07	3.48E-08	2.44E-03	2.22E-04	3.64E-01	5.60E-01	2.43E+01	3.72E-05	2.43E+01	2.53E+01	1.03E+00	0.00E+00	0.00E+00	7.67E-08	1.68E+00
6765761404	5.47E-03	6.70E-01	-2.04E-02	7.40E-01	6.95E-06	0.00E+00	4.73E+01	3.85E-05	5.97E-04	5.90E-03	7.87E-04	1.98E+00	2.01E-07	4.78E-08	4.07E+00	1.79E-01	1.14E-03	2.89E-02	3.37E-02	2.36E-01	2.25E+01	1.39E+00	8.13E-07	3.27E-08	2.04E-03	1.82E-04	3.00E-01	5.05E-01	2.39E+01	3.09E-05	2.39E+01	2.47E+01	8.34E-01	0.00E+00	0.00E+00	3.90E-10	1.66E+00
6765761606	5.45E-03	6.65E-01	-2.11E-02	7.27E-01	5.83E-06	0.00E+00	4.70E+01	3.96E-05	5.10E-04	5.39E-03	7.70E-04	2.03E+00	2.03E-07	4.46E-08	4.17E+00	1.86E-01	1.11E-03	2.90E-02	3.38E-02	2.22E-01	2.28E+01	1.38E+00	8.14E-07	3.26E-08	1.89E-03	1.65E-04	3.02E-01	5.14E-01	2.42E+01	3.15E-05	2.42E+01	2.50E+01	8.35E-01	0.00E+00	0.00E+00	3.90E-10	1.65E+00
6765761909	6.14E-03	7.75E-01	-2.67E-02	8.18E-01	6.99E-06	0.00E+00	4.74E+01	3.87E-05	6.41E-04	6.40E-03	8.27E-04	2.10E+00	2.04E-07	4.91E-08	4.38E+00	1.80E-01	1.19E-03	2.89E-02	3.43E-02	2.68E-01	2.29E+01	1.41E+00	8.13E-07	3.48E-08	2.45E-03	1.88E-04	3.63E-01	5.62E-01	2.43E+01	3.62E-05	2.43E+01	2.53E+01	1.02E+00	0.00E+00	0.00E+00	3.90E-10	1.68E+00
6765762045	4.76E-03	6.43E-01	-2.13E-02	6.70E-01	3.09E-06	0.00E+00	4.36E+01	5.28E-05	4.71E-04	4.98E-03	8.66E-04	1.44E+00	2.18E-07	3.51E-08	4.05E+00	1.86E-01	1.17E-03	2.93E-02	4.01E-02	1.78E-01	2.27E+01	1.35E+00	8.03E-07	2.87E-08	1.82E-03	8.57E-05	2.87E-01	5.17E-01	2.41E+01	2.85E-05	2.41E+01	2.49E+01	7.81E-01	0.00E+00	0.00E+00	3.90E-10	1.74E+00
6765762089	4.65E-03	6.42E-01	-2.12E-02	6.70E-01	4.20E-06	0.00E+00	4.36E+01	5.15E-05	4.73E-04	5.02E-03	8.66E-04	1.44E+00	2.15E-07	3.49E-08	4.01E+00	1.44E-01	1.17E-03	2.93E-02	3.95E-02	1.82E-01	2.25E+01	1.38E+00	8.02E-07	2.86E-08	1.80E-03	8.62E-05	2.90E-01	5.14E-01	2.38E+01	2.83E-05	2.38E+01	2.46E+01	7.96E-01	0.00E+00	0.00E+00	3.90E-10	1.70E+00
6765766084	6.62E-03	8.69E-01	-2.76E-02	8.58E-01	1.69E-06	0.00E+00	4.43E+01	5.27E-05	5.81E-04	6.72E-03	9.45E-04	1.79E+00	2.21E-07	4.55E-08	4.32E+00	1.50E-01	1.28E-03	2.92E-02	4.04E-02	2.32E-01	2.76E+01	1.48E+00	8.80E-07	3.70E-08	2.81E-03	1.05E-04	5.65E-01	6.29E-01	2.95E+01	4.23E-05	2.95E+01	3.03E+01	1.21E+00	0.00E+00	0.00E+00	3.90E-10	1.67E+00
6765766086	5.92E-03	7.19E-01	-2.57E-02	7.48E-01	1.65E-06	0.00E+00	4.41E+01	5.25E-05	5.49E-04	6.17E-03	9.33E-04	1.79E+00	2.20E-07	4.27E-08	4.33E+00	1.48E-01	1.26E-03	2.93E-02	4.03E-02	2.26E-01	2.47E+01	1.41E+00	8.69E-07	3.65E-08	2.20E-03	1.05E-04	5.43E-01	5.98E-01	2.66E+01	4.23E-05	2.67E+01	2.77E+01	1.14E+00	0.00E+00	0.00E+00	3.90E-10	1.67E+00
6765766089	5.75E-03	7.19E-01	-2.13E-02	7.49E-01	1.55E-06	0.00E+00	4.41E+01	5.26E-05	5.49E-04	6.18E-03	9.23E-04	1.76E+00	2.23E-07	4.22E-08	4.28E+00	1.44E-01	1.25E-03	2.93E-02	3.97E-02	2.16E-01	2.45E+01	1.40E+00	8.69E-07	3.41E-08	2.18E-03	1.06E-04	4.61E-01	5.99E-01	2.65E+01	4.22E-05	2.66E+01	2.75E+01	8.74E-01	0.00E+00	0.00E+00	3.90E-10	1.65E+00
6765768962	6.46E-03	8.73E-01	-2.73E-02	9.18E-01	1.60E-06	0.00E+00	4.67E+01	5.17E-05	6.38E-04	7.24E-03	9.40E-04	1.73E+00	2.17E-07	4.71E-08	4.37E+00	1.47E-01	1.28E-03	2.92E-02	4.06E-02	2.58E-01	2.50E+01	1.42E+00	8.74E-07	4.01E-08	2.59E-03	1.50E-04	6.39E-01	6.18E-01	2.72E+01	3.34E-05	2.71E+01	2.81E+01	1.32E+00	0.00E+00	0.00E+00	3.90E-10	1.67E+00
6765768963	6.01E-03	8.30E-01	-2.13E-02	8.78E-01	1.55E-06	0.00E+00	4.68E+01	5.18E-05	6.16E-04	6.64E-03	9.22E-04	1.70E+00	2.20E-07	4.71E-08	4.27E+00	1.44E-01	1.24E-03	2.92E-02	4.00E-02	2.41E-01	2.35E+01	1.40E+00	8.60E-07	3.51E-08	2.48E-03	1.49E-04	3.04E-01	5.99E-01	2.51E+01	3.32E-05	2.51E+01	2.60E+01	8.70E-01	0.00E+00	0.00E+00	7.67E-08	1.65E+00
6765768982	5.71E-03	7.14E-01	-2.12E-02	7.42E-01	1.40E-06	0.00E+00	4.41E+01	5.32E-05	5.31E-04	5.82E-03	9.33E-04	1.47E+00	2.22E-07	3.48E-08	4.19E+00	1.43E-01	1.26E-03	2.92E-02	3.95E-02	2.05E-01	2.46E+01	1.41E+00	8.69E-07	3.45E-08	2.09E-03	1.01E-04	3.87E-01	6.01E-01	2.66E+01	2.40E-05	2.66E+01	2.76E+01	1.02E+00	0.00E+00	0.00E+00	3.90E-10	1.66E+00
6765768989	5.71E-03	7.14E-01	-2.12E-02	7.42E-01	1.40E-06	0.00E+00	4.41E+01	5.32E-05	5.31E-04	5.82E-03	9.33E-04	1.47E+00	2.22E-07	3.48E-08	4.19E+00	1.43E-01	1.26E-03	2.92E-02	3.95E-02	2.05E-01	2.46E+01	1.41E+00	8.69E-07	3.45E-08	2.09E-03	1.01E-04	3.87E-01	6.01E-01	2.66E+01	2.40E-05	2.66E+01	2.76E+01	1.02E+00	0.00E+00	0.00E+00	3.90E-10	1.66E+00
6765771404	5.44E-03	8.16E-01	-1.93E-02	8.61E-01	1.75E-05	0.00E+00	2.68E+01	4.87E-05	5.52E-04	5.95E-03	8.74E-04	1.34E+00	2.05E-07	3.92E-08	2.83E+00	1.91E-01	1.18E-03	2.93E-02	4.16E-02	2.17E-01	2.72E+01	1.86E+00	1.35E-07	3.02E-08	3.22E-03	1.02E-04	3.46E-01	5.15E-01	2.87E+01	2.25E-05	2.89E+01	2.96E+01	8.25E-01	0.00E+00	0.00E+00	3.90E-10	1.81E+00

6765771606	6.97E-03	9.17E-01	-3.30E-02	9.45E-01	1.89E-05	0.00E+00	3.62E+01	3.84E-05	6.91E-04	8.14E-03	8.70E-04	2.12E+00	1.87E-07	4.61E-08	3.14E+00	2.41E-01	1.33E-03	3.17E-02	3.71E-02	2.88E-01	2.57E+01	1.92E+00	1.52E-07	4.13E-08	2.52E-03	1.51E-04	7.85E-01	6.63E-01	2.81E+01	1.02E-04	2.81E+01	2.96E+01	1.51E+00	0.00E+00	0.00E+00	3.90E-10	1.79E+00
6765771909	6.87E-03	9.27E-01	-2.69E-02	9.53E-01	2.04E-05	0.00E+00	3.66E+01	3.71E-05	6.82E-04	7.82E-03	8.62E-04	2.09E+00	1.85E-07	4.33E-08	3.09E+00	2.38E-01	1.29E-03	3.07E-02	3.73E-02	3.06E-01	2.54E+01	1.90E+00	1.52E-07	4.08E-08	2.57E-03	1.61E-04	7.82E-01	6.01E-01	2.77E+01	9.90E-05	2.78E+01	2.93E+01	1.52E+00	0.00E+00	0.00E+00	3.90E-10	1.82E+00
6765777103	1.23E-02	1.64E+00	-1.84E-01	1.58E+00	1.74E-05	0.00E+00	3.59E+03	5.60E-05	1.23E-03	1.31E-02	2.19E-03	3.11E+00	1.84E-07	1.03E-07	7.16E+00	2.47E-01	3.03E-03	3.94E-02	6.36E-02	3.76E-01	3.77E+01	5.43E+00	8.48E-07	7.69E-08	4.94E-03	1.31E-04	9.71E-01	2.09E+00	4.07E+01	8.08E-05	4.05E+01	4.16E+01	2.14E+00	0.00E+00	0.00E+00	3.90E-10	2.92E+00
6765777104	7.63E-03	1.24E+00	-2.25E-02	1.30E+00	1.45E-05	0.00E+00	7.24E+01	5.09E-05	8.32E-04	8.86E-03	1.12E-03	2.00E+00	2.08E-07	3.92E-08	2.98E+00	1.93E-01	1.58E-03	4.92E-02	4.15E-02	4.50E-01	3.07E+01	2.88E+00	8.49E-07	4.43E-08	2.97E-03	1.08E-04	7.36E-01	5.74E-01	3.32E+01	2.37E-05	3.31E+01	3.35E+01	1.20E+00	0.00E+00	0.00E+00	6.52E-03	1.82E+00
6765777106	5.12E-03	7.28E-01	-2.22E-02	7.55E-01	1.46E-05	0.00E+00	4.37E+01	5.02E-05	5.57E-04	5.89E-03	1.01E-03	1.66E+00	2.06E-07	3.97E-08	2.96E+00	1.92E-01	1.38E-03	2.97E-02	4.16E-02	2.86E-01	2.46E+01	1.96E+00	8.41E-07	3.40E-08	2.06E-03	1.08E-04	6.07E-01	5.42E-01	2.69E+01	2.33E-05	2.68E+01	2.79E+01	1.17E+00	0.00E+00	0.00E+00	3.90E-10	1.81E+00
6765777109	5.73E-03	7.62E-01	-1.58E-02	7.92E-01	1.45E-05	0.00E+00	4.40E+01	4.94E-05	6.04E-04	6.33E-03	1.00E-03	1.67E+00	2.04E-07	4.29E-08	3.05E+00	1.97E-01	1.36E-03	2.98E-02	4.22E-02	2.71E-01	2.51E+01	1.97E+00	8.32E-07	3.79E-08	2.19E-03	1.06E-04	6.54E-01	5.03E-01	2.75E+01	2.32E-05	2.75E+01	2.87E+01	1.16E+00	0.00E+00	0.00E+00	3.90E-10	1.85E+00
6765778982	5.28E-03	7.87E-01	-1.91E-02	8.14E-01	1.77E-05	0.00E+00	2.99E+01	4.80E-05	5.83E-04	6.10E-03	8.93E-04	1.75E+00	2.01E-07	4.00E-08	2.87E+00	1.94E-01	1.21E-03	2.92E-02	4.23E-02	2.87E-01	2.33E+01	1.87E+00	1.38E-07	3.23E-08	2.38E-03	1.32E-04	3.62E-01	5.14E-01	2.56E+01	2.81E-05	2.55E+01	2.64E+01	9.04E-01	0.00E+00	0.00E+00	3.90E-10	1.82E+00
6765778989	5.67E-03	9.21E-01	-2.66E-02	9.49E-01	1.80E-05	0.00E+00	3.18E+01	4.66E-05	6.28E-04	6.96E-03	9.71E-04	1.81E+00	1.94E-07	4.23E-08	2.81E+00	2.00E-01	1.32E-03	3.11E-02	4.26E-02	3.08E-01	2.57E+01	1.95E+00	1.38E-07	4.02E-08	2.52E-03	1.42E-04	7.72E-01	6.02E-01	2.82E+01	7.58E-05	2.82E+01	2.96E+01	1.49E+00	0.00E+00	0.00E+00	3.90E-10	1.85E+00
676579	4.84E-03	6.60E-01	-1.76E-02	6.90E-01	5.82E-08	0.00E+00	4.31E+01	4.64E-05	4.81E-04	5.28E-03	6.42E-04	1.51E+00	1.91E-07	3.55E-08	3.10E+00	1.20E-01	1.11E-03	3.57E-02	3.60E-02	1.86E-01	2.25E+01	1.24E+00	8.37E-07	3.07E-08	1.92E-03	8.53E-05	2.93E-01	5.51E-01	2.35E+01	2.50E-05	2.34E+01	2.42E+01	9.32E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+00
67657901	4.88E-03	6.61E-01	-1.77E-02	6.90E-01	5.82E-08	0.00E+00	4.31E+01	4.72E-05	4.83E-04	5.28E-03	7.03E-04	1.52E+00	1.92E-07	3.54E-08	3.12E+00	1.29E-01	1.13E-03	3.52E-02	3.60E-02	1.84E-01	2.28E+01	1.24E+00	8.37E-07	3.08E-08	1.92E-03	8.67E-05	2.86E-01	5.47E-01	2.39E+01	2.50E-05	2.39E+01	2.46E+01	9.25E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+00
6765792045	4.78E-03	6.40E-01	-2.82E-02	6.63E-01	8.63E-06	0.00E+00	5.94E+01	4.48E-05	4.66E-04	5.05E-03	6.02E-04	1.52E+00	1.87E-07	3.48E-08	3.30E+00	1.66E-01	1.14E-03	3.53E-02	3.74E-02	1.75E-01	2.24E+01	1.34E+00	7.90E-07	3.11E-08	1.79E-03	6.67E-05	5.37E-01	5.82E-01	2.39E+01	2.51E-05	2.39E+01	2.48E+01	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
6765792089	4.66E-03	6.44E-01	-2.08E-02	6.62E-01	8.71E-06	0.00E+00	5.98E+01	4.09E-05	4.64E-04	5.05E-03	4.18E-04	1.51E+00	1.86E-07	3.49E-08	3.06E+00	9.70E-02	1.09E-03	3.56E-02	3.45E-02	1.83E-01	2.13E+01	1.35E+00	7.87E-07	3.02E-08	1.77E-03	7.07E-05	3.22E-01	5.35E-01	2.27E+01	2.50E-05	2.27E+01	2.34E+01	9.05E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+00
6765832045	4.97E-03	7.09E-01	-1.45E-02	7.37E-01	2.29E-05	0.00E+00	7.41E+01	4.55E-05	5.34E-04	5.97E-03	7.84E-04	1.52E+00	1.77E-07	3.50E-08	3.25E+00	1.92E-01	1.26E-03	3.05E-02	3.80E-02	2.21E-01	2.32E+01	1.69E+00	7.91E-07	3.30E-08	1.93E-03	9.28E-05	8.66E-01	5.03E-01	2.51E+01	2.62E-05	2.50E+01	2.62E+01	1.35E+00	0.00E+00	0.00E+00	4.47E-05	1.60E+00
6765832089	4.91E-03	7.09E-01	-1.23E-02	7.35E-01	2.32E-05	0.00E+00	7.42E+01	4.34E-05	5.39E-04	5.97E-03	7.18E-04	1.52E+00	1.76E-07	3.50E-08	3.00E+00	1.82E-01	1.26E-03	3.31E-02	3.54E-02	2.27E-01	2.29E+01	1.75E+00	7.89E-07	3.27E-08	1.92E-03	9.12E-05	8.54E-01	5.08E-01	2.51E+01	2.62E-05	2.50E+01	2.60E+01	1.34E+00	0.00E+00	0.00E+00	4.47E-05	1.53E+00
6765836086	6.03E-03	7.23E-01	-2.36E-02	7.54E-01	1.09E-05	0.00E+00	4.37E+01	5.11E-05	5.62E-04	6.06E-03	9.95E-04	1.78E+00	2.13E-07	4.32E-08	3.00E+00	1.89E-01	1.35E-03	2.97E-02	4.01E-02	2.76E-01	2.46E+01	1.81E+00	8.36E-07	3.52E-08	2.15E-03	1.09E-04	6.09E-01	5.73E-01	2.69E+01	4.33E-05	2.69E+01	2.80E+01	1.17E+00	0.00E+00	0.00E+00	3.90E-10	1.76E+00
6765836089	5.78E-03	7.27E-01	-1.97E-02	7.59E-01	1.21E-05	0.00E+00	4.37E+01	5.00E-05	5.64E-04	5.98E-03	9.69E-04	1.77E+00	2.09E-07	4.28E-08	2.95E+00	1.88E-01	1.31E-03	2.97E-02	4.10E-02	2.81E-01	2.41E+01	1.70E+00	8.34E-07	3.62E-08	2.11E-03	1.03E-04	5.39E-01	5.20E-01	2.63E+01	4.32E-05	2.63E+01	2.73E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	1.79E+00
6768111606	7.07E-03	1.03E+00	-9.31E-03	1.08E+00	1.47E-05	0.00E+00	7.11E+01	3.99E-05	7.66E-04	8.69E-03	9.51E-04	2.57E+00	1.96E-07	4.29E-08	3.26E+00	2.35E-01	1.51E-03	3.22E-02	3.55E-02	3.33E-01	2.65E+01	2.89E+00	8.59E-07	5.33E-08	2.72E-03	1.63E-04	8.23E-01	3.68E-01	2.90E+01	3.57E-05	2.90E+01	3.00E+01	1.26E+00	0.00E+00	0.00E+00	3.90E-10	1.71E+00
6768116084	6.03E-03	9.81E-01	-1.65E-02	1.05E+00	1.09E-05	0.00E+00	7.45E+01	5.05E-05	6.48E-04	7.33E-03	1.13E-03	2.33E+00	2.11E-07	4.60E-08	3.83E+00	1.89E-01	1.58E-03	3.17E-02	4.05E-02	2.62E-01	2.94E+01	3.03E+00	8.68E-07	4.32E-08	3.83E-03	1.10E-04	7.48E-01	5.38E-01	3.13E+01	4.33E-05	3.14E+01	3.26E+01	1.15E+00	0.00E+00	0.00E+00	3.90E-10	1.74E+00
6768116089	5.22E-03	8.69E-01	-1.57E-02	9.06E-01	1.24E-05	0.00E+00	6.93E+01	4.84E-05	6.11E-04	6.97E-03	1.13E-03	2.30E+00	2.08E-07	4.08E-08	3.70E+00	1.87E-01	1.58E-03	3.21E-02	4.14E-02	2.80E-01	2.63E+01	3.03E+00	8.49E-07	4.30E-08	2.20E-03	1.10E-04	7.54E-01	5.21E-01	2.86E+01	4.15E-05	2.85E+01	2.91E+01	1.14E+00	0.00E+00	0.00E+00	3.90E-10	1.80E+00
6768117006	5.80E-03	9.30E-01	-1.54E-02	9.57E-01	1.60E-05	0.00E+00	7.10E+01	4.98E-05	6.39E-04	7.38E-03	1.13E-03	2.16E+00	2.06E-07	4.16E-08	2.95E+00	1.93E-01	1.58E-03	3.21E-02	4.12E-02	2.89E-01	2.77E+01	2.91E+00	8.67E-07	4.19E-08	2.63E-03	1.07E-04	6.99E-01	5.37E-01	3.01E+01	2.29E-05	3.02E+01	3.07E+01	1.14E+00	0.00E+00	0.00E+00	3.90E-10	1.78E+00
6768118982	6.78E-03	1.02E+00	-1.56E-02	1.08E+00	1.61E-05	0.00E+00	7.32E+01	3.70E-05	7.29E-04	8.47E-03	9.12E-04	2.69E+00	1.96E-07	4.43E-08	3.23E+00	2.31E-01	1.58E-03	3.23E-02	3.69E-02	3.44E-01	2.63E+01	2.92E+00	8.58E-07	5.03E-08	2.57E-03	1.82E-04	8.24E-01	5.37E-01	2.90E+01	3.70E-05	2.90E+01	2.97E+01	1.27E+00	0.00E+00	0.00E+00	3.90E-10	1.76E+00
6768118989	6.78E-03	1.02E+00	-1.56E-02	1.08E+00	1.61E-05	0.00E+00	7.32E+01	3.70E-05	7.29E-04	8.47E-03	9.12E-04	2.69E+00	1.96E-07	4.43E-08	3.23E+00	2.31E-01	1.58E-03	3.23E-02	3.69E-02	3.44E-01	2.63E+01	2.92E+00	8.58E-07	5.03E-08	2.58E-03	1.82E-04	8.24E-01	5.37E-01	2.90E+01	3.70E-05	2.91E+01	2.97E+01	1.27E+00	0.00E+00	0.00E+00	3.90E-10	1.77E+00
6768757003	5.56E-03	7.12E-01	-2.00E-02	7.43E-01	1.06E-05	0.00E+00	4.36E+01	5.12E-05	5.33E-04	5.81E-03	9.22E-04	1.64E+00	2.18E-07	3.87E-08	2.96E+00	1.86E-01	1.24E-03	3.13E-02	3.93E-02	2.44E-01	2.33E+01	1.60E+00	8.05E-07	3.21E-08	2.06E-03	9.35E-05	3.30E-01	5.17E-01	2.50E+01	2.27E-05	2.51E+01	2.60E+01	8.45E-01	0.00E+00	0.00E+00	3.90E-10	1.71E+00
6768757004	7.96E-03	1.26E+00	-2.00E-02	1.24E+00	1.07E-05	0.00E+00	4.36E+01	5.08E-05	8.54E-04	9.51E-03	9.67E-04	1.64E+00	2.14E-07	3.87E-08	2.98E+00	1.90E-01	1.30E-03	5.19E-02	4.04E-02	4.42E-01	3.04E+01	1.61E+00	8.17E-07	4.08E-08	2.98E-03	9.74E-05	5.07E-01	5.20E-01	3.18E+01	2.28E-05	3.18E+01	3.27E+01	1.07E+00	0.00E+00	0.00E+00	1.12E-02	1.76E+00
6768757006	5.02E-03	6.62E-01	-2.11E-02	6.94E-01	3.69E-06	0.00E+00	4.36E+01	5.11E-05	4.88E-04	5.28E-03	8.49E-04	1.59E+00	2.22E-07	3.92E-08	4.00E+00	1.51E-01	1.15E-03	3.12E-02	3.92E-02	1.87E-01	2.25E+01	1.46E+00	8.02E-07	3.10E-08	1.82E-03	8.46E-05	2.98E-01	5.14E-01	2.40E+01	2.30E-05	2.40E+01	2.48E+01	8.23E-01	0.00E+00	0.00E+00	3.90E-10	1.67E+00
6768757009	5.06E-03	6.63E-01	-2.10E-02	6.98E-01	3.68E-06	0.00E+00	4.36E+01	5.11E-05	5.06E-04	5.38E-03	8.54E-04	1.54E+00	2.22E-07	3.86E-08	4.03E+00	1.47E-01	1.16E-03	3.12E-02	3.87E-02	1.86E-01	2.24E+01	1.46E+00	8.01E-07	3.10E-08	1.85E-03	8.48E-05	2.98E-01	5.13E-01	2.39E+01	2.30E-05	2.39E+01	2.47E+01	8.27E-01	0.00E+00	0.00E+00	3.90E-10	1.66E+00
6768760062	6.35E-03	8.28E-01	-2.10E-02	8.68E-01	6.30E-06	0.00E+00	4.70E+01	3.92E-05	6.52E-04	6.67E-03	8.29E-04	2.04E+00	2.04E-07	4.81E-08	4.37E+00	1.83E-01	1.20E-03	3.09E-02	3.28E-02	2.39E-01	2.30E+01	1.41E+00	8.14E-07	3.58E-08	2.46E-03	1.99E-04	3.09E-01	5.15E-01	2.45E+01	3.52E-05	2.45E+01	2.53E+01	8.76E-01	0.00E+00	0.00E+00	3.90E-10	1.61E+00
6768760063	1.41E-02	1.50E+00	-1.83E-01	1.53E+00	9.77E-06	0.00E+00	3.55E+03	4.22E-05	1.24E-03	1.36E-02	1.65E-03	5.22E+00	1.91E-07	7.39E-08	6.09E+00	2.14E-01	2.52E-03	3.85E-02	4.18E-02	4.89E-01	3.40E+01	3.99E+00	8.59E-07	1.17E-07	4.99E-03	3.17E-04	1.12E+00	2.04E+00	3.79E+01	7.14E-05	3.75E+01	4.14E+01	2.11E+00	0.00E+00	0.00E+00	7.67E-08	2.16E+00
6768761404	5.71E-03	6.84E-01	-1.95E-02	7.18E-01	7.58E-06	0.00E+00	4.69E+01	3.78E-05	5.00E-04	5.54E-03	5.65E-04	1.93E+00	2.02E-07	4.25E-08	3.98E+00	1.87E-01	8.98E-04	3.07E-02	3.26E-02	2.31E-01	2.21E+01	1.26E+00	8.12E-07	3.54E-08	1.92E-03	1.75E-04	2.98E-01	4.48E-01	2.33E+01	2.90E-05	2.33E+01	2.40E+01	7.94E-01	0.00E+00	0.00E+00	3.90E-10	1.61E+00
6768761606	5.58E-03	6.80E-01	-2.61E-02	7.40E-01	6.37E-06	0.00E+00	4.70E+01	3.92E-05	5.33E-04	5.65E-03	7.68E-04	2.01E+00	2.06E-07	4.37E-08	4.31E+00	1.89E-01	1.11E-03	3.10E-02	3.32E-02	2.20E-01	2.28E+01	1.37E+00	8.15E-07	3.49E-08	1.96E-03	1.58E-04	3.46E-01	5.10E-01	2.42E+01	3.02E-05	2.42E+01	2.51E+01	9.34E-01	0.00E+00	0.00E+00	3.90E-10	1.61E+00
6768761909	5.54E-03	6.72E-01	-2.09E-02	7.21E-01	7.59E-06	0.00E+00	4.73E+01	3.80E-05	4.93E-04	5.31E-03	7.29E-04	1.93E+00	2.02E-07	4.27E-08	4.09E+00	1.82E-01	1.07E-03	3.08E-02	3.27E-02	2.34E-01	2.22E+01	1.39E+00	8.12E-07	3.44E-08	1.87E-03	1.76E-04	2.97E-01	5.03E-01	2.35E+01	2.90E-05	2.35E+01	2.42E+01	8.06E-01	0.00E+00	0.00E+00	3.90E-10	1.61E+00
6768762045	5.05E-03	6.66E-01	-2.84E-02	6.93E-01	2.80E-06	0.00E+00	4.36E+01	5.28E-05	4.96E-04	5.29E-03	8.61E-04	1.42E+00	2.22E-07	3.53E-08	4.23E+00	1.85E-01	1.17E-03	3.12E-02	3.95E-02	1.80E-01	2.29E+01	1.34E+00	8.05E-07	3.14E-08	1.86E-03	8.45E-05	3.42E-01	5.68E-01	2.42E+01	2.84E-05	2.42E+01	2.51E+01	9.75E-01	0.00E+00	0.00E+00	3.90E-10	1.71E+00
6768762089	5.00E-03	6.47E-01	-2.12E-02	6.79E-01	3.98E-06	0.00E+00	4.36E+01	5.15E-05	4.70E-04	5.12E-03	8.05E-04	1.41E+00	2.18E-07	3.45E-08	3.99E+00	1.46E-01	1.12E-03	3.13E-02	3.85E-02	1.85E-01	2.21E+01	1.37E+00	8.01E-07	3.07E-08	1.75E-03	8.26E-05	2.89E-01	5.03E-01	2.34E+01	2.81E-05	2.34E+01	2.41E+01	7.66E-01	0.00E+00	0.00E+00	3.90E-10	1.67E+00
6768766012	5.91E-03	7.27E-01	-2.14E-02	7.54E-01	1.44E-06	0.00E+00	4.40E+01	5.22E-05	5.55E-04	6.24E-03	9.23E-04	1.69E+00	2.26E-07	4.13E-08	4.27E+00	1.45E-01	1.25E-03	3.13E-02	3.83E-02	2.26E-01	2.46E+01	1.40E+00	8.65E-07	3.49E-08	2.21E-03	9.78E-05	4.62E-01	5.72E-01	2.66E+01	4.17E-05	2.66E+01	2.76E+01	8.70E-01	0.00E+00	0.00E+00	3.90E-10	1.61E+00
6768766086	5.40E-03	6.97E-01	-2.03E-02	7.13E-01	1.41E-06	0.00E+00	4.41E+01	5.23E-05	5.29E-04	5.69E-03	8.80E-04	1.81E+00	2.27E-07	4.24E-08	4.10E+00	1.43E-01	1.19E-03	3.12E-02	3.86E-02	2.19E-01	2.30E+01	1.35E+00	8.52E-07	3.38E-08	2.13E-03	1.03E-04	2.92E-01	5.83E-01	2.46E+01	4.09E-05	2.46E+01	2.54E+01	8.10E-01	0.00E+00	0.00E+00	3.90E-10	1.62E+00
6768766089	5.51E-03	6.99E-01	-2.13E-02	7.14E-01	1.41E-06	0.00E+00	4.42E+01	5.23E-05	5.27E-04	5.76E-03	8.92E-04	1.74E+00	2.27E-07	4.17E-08	4.26E+00	1.43E-01	1.21E-03	3.12E-02	3.85E-02	2.23E-01	2.31E+01	1.39E+00	8.53E-07	3.41E-08	2.14E-03	1.03E-04	2.76E-01	5.96E-01	2.46E+01	4.11E-05	2.46E+01	2.55E+01	8.29E-01	0.00E+00	0.00E+00	3.90E-10	1.62E+00
6768768962	5.93E-03	8.28E-01	-2.75E-02	8.63E-01	1.46E-06	0.00E+00	4.69E+01	5.17E-05	6.12E-04	6.53E-03	9.05E-04	1.70E+00	2.25E-07	4.64E-08	4.42E+00	1.45E-01	1.23E-03	3.12E-02	3.90E-02	2.47E-01	2.35E+01	1.40E+00	8.59E-07	3.58E-08	2.50E-03	1.41E-04	3.23E-01	6.28E-01	2.50E+01	3.11E-05	2.49E+01	2.58E+01	9.77E-01	0.00E+00	0.00E+00	3.90E-10	1.60E+00
6768768982	5.27E-03	6.92E-01	-2.14E-02	7.12E-01	1.12E-06	0.00E+00	4.42E+01	5.30E-05	5.11E-04	5.53E-03	8.81E-04	1.47E+00	2.28E-07	3.49E-08	4.22E+00	1.42E-01	1.19E-03	3.12E-02	3.84E-02	2.15E-01	2.31E+01	1.38E+00	8.53E-07	3.21E-08	2.05E-03	9.77E-05	2.77E-01	5.96E-01	2.46E+01	2.41E-05	2.46E+01	2.55E+01	8.18E-01	0.00E+00	0.00E+00	3.90E-10	1.61E+00
6768768989	5.48E-03	6.95E-01	-3.02E-02	7.25E-01	3.61E-08	0.00E+00	4.46E+01	5.47E-05	5.33E-04	5.71E-03	8.95E-04	1.52E+00	2.31E-07	3.72E-08	5.00E+00	1.44E-01	1.21E-03	3.18E-02	3.67E-02	2.23E-01	2.34E+01	1.33E+00	8.52E-07	3.28E-08	2.15E-03	9.67E-05	3.39E-01	6.76E-01	2.47E+01	2.51E-05	2.47E+01	2.57E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
6768771404	5.89E-03	1.01E+00	-2.65E-02	1.06E+00	1.76E-05	0.00E+00	2.87E+01	4.68E-05	6.25E-04	6.81E-03	9.44E-04	1.35E+00	2.03E-07	3.92E-08	2.75E+00	1.98E-01	1.28E-03	3.07E-02	4.16E-02	2.38E-01	2.82E+01	1.89E+00	6.55E-08	3.41E-08	3.85E-03	1.05E-04	6.41E-01	6.01E-01	2.99E+01	4.95E-05	3.01E+01	3.11E+01	1.25E+00	0.00E+00	0.00E+00	3.90E-10	1.83E+00
6768771606	6.11E-03	8.56E-01	-2.57E-02	8.93E-01	1.89E-05	0.00E+00	3.47E+01	3.81E-05	6.52E-04	6.96E-03	8.28E-04	2.04E+00	1.92E-07	4.43E-08	3.15E+00	2.32E-01	1.22E-03	3.11E-02	3.64E-02	2.81E-01	2.40E+01	1.84E+00	7.78E-08	3.51E-08	2.43E-03	1.28E-04	6.13E-01	5.99E-01	2.61E+01	3.37E-05	2.60E+01	2.73E+01	1.26E+00	0.00E+00	0.00E+00	3.90E-10	1.73E+00
6768771909	6.61E-03	9.09E-01	-2.46E-02	9.24E-01	2.06E-05	0.00E+00	3.51E+01	3.72E-05	6.72E-04	7.65E-03	8.40E-04	2.05E+00	1.90E-07	4.16E-08	3.10E+00	2.34E-01	1.25E-03	3.12E-02	3.68E-02	3.02E-01	2.39E+01	1.89E+00	7.96E-08	3.93E-08	2.51E-03	1.43E-04	6.79E-01	5.96E-01	2.61E+01	3.28E-05	2.61E+01	2.74E+01	1.33E+00	0.00E+00	0.00E+00	3.90E-10	1.75E+00
6768772089	5.09E-03	7.21E-01	-2.26E-02	7.41E-01	1.46E-05	0.00E+00	4.42E+01	5.09E-05	5.09E-04	5.51E-03	9.27E-04	1.37E+00	2.06E-07	3.42E-08	2.93E+00	1.88E-01	1.25E-03	3.10E-02	4.11E-02	2.16E-01	2.38E+01	1.78E+00	8.05E-07	3.08E-08	2.02E-03	1.04E-04	3.98E-01	5.17E-01	2.55E+01	2.74E-05	2.56E+01	2.67E+01	9.80E-01	0.00E+00	0.00E+00	3.90E-10	1.76E+00
6768776084	6.31E-03	9.99E-01	-2.01E-02	1.04E+00	1.07E-05	0.00E+00	4.83E+01	5.10E-05	6.16E-04	7.02E-03	9.16E-04	1.75E+00	2.17E-07	4.51E-08	2.95E+00	1.89E-01	1.25E-03	3.08E-02	3.95E-02	2.45E-01	2.83E+01	1.64E+00	8.31E-07	3.53E-08	3.82E-03	1.01E-04	4.81E-01	5.15E-01	2.96E+01	4.25E-05	2.98E+01	3.13E+01	8.99E-01	0.00E+00	0.00E+00	3.90E-10	1.72E+00
6768776086	6.04E-03	7.30E-01	-2.34E-02	7.51E-01	1.07E-05	0.00E+00	4.36E+01	5.08E-05	5.51E-04	6.04E-03	9.44E-04	1.75E+00	2.15E-07	4.25E-08	2.97E+00	1.91E-01	1.28E-03	3.12E-02	3.97E-02	2.60E-01	2.42E+01	1.65E+00	8.09E-07	3.56E-08	2.15E-03	1.02E-04	5.30E-01	5.13E-01	2.63E+01	4.23E-05	2.63E+01	2.75E+01	1.08E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
6768776089	5.67E-03	7.26E-01	-1.97E-02	7.55E-01	1.19E-05	0.00E+00	4.36E+01	4.99E-05	5.56E-04	6.00E-03	9.23E-04	1.76E+00	2.15E-07	4.22E-08	2.91E+00	1.88E-01	1.25E-03	3.13E-02	3.99E-02	2.50E-01	2.37E+01	1.63E+00	8.05E-07	3.46E-08	2.14E-03	1.01E-04	4.52E-01	5.17E-01	2.57E+01	4.22E-05	2.58E+01	2.68E+01	8.87E-01	0.00E+00	0.00E+00	3.90E-10	1.71E+00
6768777103	5.53E-03	7.41E-01	-1.58E-02	7.84E-01	1.42E-05	0.00E+00	4.36E+01	4.98E-05	6.00E-04	6.15E-03	9.94E-04	1.60E+00	2.06E-07	3.84E-08	2.90E+00	1.91E-01	1.35E-03	3.14E-02	4.04E-02	2.91E-01	2.46E+01	1.86E+00	8.33E-07	3.58E-08	2.15E-03	1.05E-04	5.72E-01	5.03E-01	2.69E+01	2.25E-05	2.69E+01	2.80E+01	1.08E+00	0.00E+00	0.00E+00	3.90E-10	1.76E+00
6768777104	7.66E-03	1.28E+00	-2.45E-02	1.34E+00	1.43E-05	0.00E+00	6.95E+01	5.01E-05	8.46E-04	9.28E-03	1.10E-03	1.96E+00	2.08E-07	3.90E-08	2.93E+00	1.93E-01	1.52E-03	4.93E-02	4.16E-02	4.53E-01	3.07E+01	2.87E+00	8.48E-07	4.42E-08	3.01E-03	1.05E-04	7.37E-01	6.00E-01	3.31E+01	2.32E-05	3.30E+01	3.33E+01	1.23E+00	0.00E+00	0.00E+00	6.22E-03	1.79E+00
6768777106	5.22E-03	7.41E-01	-1.67E-02	7.58E-01	1.42E-05	0.00E+00	4.38E+01	4.97E-05	5.57E-04	5.94E-03	9.66E-04	1.62E+00	2.07E-07	3.85E-08	2.93E+00	1.92E-01	1.30E-03	3.14E-02	4.10E-02	2.77E-01	2.43E+01	1.90E+00	8.16E-07	3.27E-08	2.05E-03	9.82E-05	5.50E-01	5.19E-01	2.61E+01	2.24E-05	2.62E+01	2.72E+01	1.09E+00	0.00E+00	0.00E+00	3.90E-10	1.76E+00
6768777109	5.22E-03	7.40E-01	-1.67E-02	7.58E-01	1.42E-05	0.00E+00	4.38E+01	4.98E-05	5.57E-04	5.93E-03	9.45E-04	1.62E+00	2.07E-07	3.85E-08	2.91E+00	1.92E-01	1.28E-03	3.14E-02	4.08E-02	2.72E-01	2.43E+01	1.89E+00	8.08E-07	3.28E-08	2.05E-03	9.78E-05	5.49E-01	5.19E-01	2.61E+01	2.25E-05	2.62E+01	2.71E+01	1.09E+00	0.00E+00	0.00E+00	3.90E-10	1.76E+00
6768778982	5.43E-03	7.96E-01	-1.91E-02	8.29E-01	1.77E-05	0.00E+00	2.99E+01	4.75E-05	5.96E-04	6.29E-03	8.93E-04	1.73E+00	2.03E-07	3.93E-08	2.83E+00	1.96E-01	1.21E-03	3.10E-02	4.20E-02	2.93E-01	2.33E+01	1.87E+00	7.26E-08	3.40E-08	2.40E-03	1.24E-04	3.47E-01	5.15E-01	2.55E+01	2.70E-05	2.55E+01	2.63E+01	9.05E-01	0.00E+00	0.00E+00	3.90E-10	1.78E+00
6768778989	5.45E-03	9.05E-01	-2.53E-02	9.20E-01	1.79E-05	0.00E+00	3.00E+01	4.68E-05	6.10E-04	6.72E-03	9.30E-04	1.75E+00	2.02E-07	4.04E-08	2.81E+00	1.97E-01	1.26E-03	3.08E-02	4.23E-02	2.89E-01	2.42E+01	1.88E+00	6.60E-08	3.63E-08	2.48E-03	1.25E-04	7.50E-01	5.97E-01	2.63E+01	3.08E-05	2.63E+01	2.76E+01	1.43E+00	0.00E+00	0.00E+00	3.90E-10	1.80E+00
676879	5.42E-03	6.88E-01	-2.95E-02	7.18E-01	3.61E-08	0.00E+00	4.40E+01	5.47E-05	5.23E-04	5.71E-03	7.84E-04	1.52E+00	2.31E-07	3.72E-08	3.85E+00	1.45E-01	1.06E-03	3.71E-02	3.56E-02	2.07E-01	2.38E+01	1.15E+00	8.36E-07	3.25E-08	2.08E-03	8.43E-05	4.68E-01	6.40E-01	2.50E+01	2.50E-05	2.50E+01	2.61E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
67687901	5.45E-03	6.92E-01	-2.93E-02	7.22E-01	3.61E-08	0.00E+00	4.40E+01	5.47E-05	5.28E-04	5.76E-03	7.90E-04	1.52E+00	2.31E-07	3.72E-08	3.85E+00	1.45E-01	1.07E-03	3.71E-02	3.58E-02	2.10E-01	2.39E+01	1.20E+00	8.39E-07	3.27E-08	2.10E-03	8.65E-05	4.61E-01	6.45E-01	2.51E+01	2.50E-05	2.51E+01	2.62E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
6768792045	4.84E-03	6.56E-01	-2.10E-02	6.70E-01	8.47E-06	0.00E+00	5.94E+01	5.23E-05	4.84E-04	5.23E-03	7.59E-04	1.51E+00	1.90E-07	3.49E-08	3.76E+00	1.77E-01	1.04E-03	3.63E-02	3.76E-02	1.82E-01	2.32E+01	1.31E+00	7.91E-07	3.11E-08	1.82E-03	6.59E-05	3.12E-01	5.36E-01	2.42E+01	2.51E-05	2.42E+01	2.48E+01	8.52E-01	0.00E+00	0.00E+00	0.00E+00	1.57E+00
6768792089	4.73E-03	6.48E-01	-2.09E-02	6.64E-01	8.70E-06	0.00E+00	5.97E+01	4.89E-05	4.84E-04	5.17E-03	7.02E-04	1.51E+00	1.88E-07	3.47E-08	3.69E+00	1.24E-01	1.04E-03	3.63E-02	3.38E-02	1.90E-01	2.25E+01	1.38E+00	7.87E-07	3.07E-08	1.80E-03	7.21E-05	2.99E-01	5.32E-01	2.36E+01	2.51E-05	2.37E+01	2.43E+01	8.50E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+00
6768803512	3.13E-03	3.52E-01	-2.12E-02	3.85E-01	3.21E-06	0.00E+00	2.58E+02	4.78E-05	3.40E-04	3.76E-03	7.74E-04	8.88E-01	1.64E-07	2.74E-08	4.11E+00	1.42E-01	1.01E-03	8.53E-03	3.54E-02	1.19E-01	5.92E+00	1.92E+00	2.28E-08	2.06E-08	1.15E-03	2.74E-05	3.48E-01	5.01E-01	8.39E+00	1.19E-04	8.38E+00	9.22E+00	8.68E-01	0.00E+00	0.00E+00	0.00E+00	1.52E+00
6768803515	3.81E-03	3.91E-01	-2.70E-02	4.18E-01	2.35E-06	0.00E+00	2.95E+02	5.91E-05	3.61E-04	3.92E-03	6.74E-04	1.43E+00	2.16E-07	3.81E-08	4.38E+00	1.62E-01	9.12E-04	1.05E-02	2.86E-02	1.48E-01	6.36E+00	1.83E+00	1.98E-08	2.52E-08	1.29E-03	2.36E-05	3.85E-01	4.57E-01	8.19E+00	1.23E-04	8.19E+00	9.03E+00	8.42E-01	0.00E+00	0.00E+00	0.00E+00	1.23E+00
6768803522	4.25E-03	5.87E-01	-3.40E-02	6.26E-01	4.58E-05	0.00E+00	4.65E+01	4.47E-05	5.36E-04	5.65E-03	8.39E-04	1.15E+00	1.57E-07	3.49E-08	3.72E+00	1.56E-01	1.12E-03	7.38E-03	1.46E-02	2.41E-01	1.55E+01	1.93E+00	2.67E-08	2.47E-08	2.00E-03	8.94E-05	9.19E-01	5.98E-01	1.56E+01	3.15E-04	1.55E+01	1.67E+01	1.50E+00	0.00E+00	0.00E+00	2.06E-04	5.68E-01
6768803525	4.32E-03	6.23E-01	-3.39E-02	6.97E-01	4.58E-05	0.00E+00	4.65E+01	4.45E-05	5.39E-04	5.71E-03	9.06E-04	1.15E+00	1.58E-07	3.52E-08	3.72E+00	1.56E-01	1.15E-03	7.53E-03	1.46E-02	2.53E-01	1.56E+01	1.95E+00	2.67E-08	2.78E-08	2.03E-03	9.01E-05	9.45E-01	6.04E-01	1.60E+01	3.15E-04	1.59E+01	1.75E+01	1.52E+00	0.00E+00	0.00E+00	2.06E-04	5.71E-01
6768813512	4.24E-03	6.07E-01	-2.53E-02	6.38E-01	3.09E-06	0.00E+00	3.01E+02	4.59E-05	5.16E-04	5.83E-03	1.24E-03	1.02E+00	1.59E-07	3.78E-08	5.25E+00	1.53E-01	1.79E-03	9.78E-03	3.90E-02	1.50E-01	1.09E+01	4.58E+00	4.19E-08	3.02E-08	1.78E-03	5.22E-05	7.38E-01	6.55E-01	1.52E+01	1.17E-04	1.51E+01	1.68E+01	1.46E+00	0.00E+00	0.00E+00	9.44E-04	1.71E+00
6768813515	4.73E-03	5.98E-01	-2.62E-02	6.24E-01	3.05E-06	0.00E+00	2.96E+02	6.24E-05	5.17E-04	5.76E-03	1.23E-03	1.45E+00	2.17E-07	3.98E-08	6.25E+00	1.90E-01	1.66E-03	1.22E-02	3.09E-02	1.80E-01	1.01E+01	4.73E+00	2.31E-08	3.23E-08	1.90E-03	2.83E-05	6.65E-01	5.41E-01	1.48E+01	1.23E-04	1.48E+01	1.61E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
6768813522	4.19E-03	6.31E-01	-2.57E-02	6.67E-01	1.00E-05	0.00E+00	2.62E+02	4.58E-05	5.36E-04	5.99E-03	1.25E-03	1.01E+00	1.60E-07	3.75E-08	5.26E+00	1.59E-01	1.77E-03	1.03E-02	3.90E-02	1.52E-01	1.13E+01	4.42E+00	4.15E-08	3.05E-08	1.80E-03	5.51E-05	8.96E-01	5.89E-01	1.65E+01	1.17E-04	1.64E+01	1.82E+01	1.70E+00	0.00E+00	0.00E+00	4.63E-03	1.71E+00
6768813525	4.00E-03	6.15E-01	-2.78E-02	6.35E-01	1.03E-05	0.00E+00	2.55E+02	4.39E-05	5.35E-04	6.40E-03	1.05E-03	9.84E-01	1.07E-07	3.84E-08	4.33E+00	1.32E-01	1.74E-03	1.08E-02	3.98E-02	1.55E-01	1.12E+01	4.77E+00	3.18E-08	3.05E-08	1.86E-03	3.33E-05	8.92E-01	5.24E-01	1.65E+01	1.17E-04	1.64E+01	1.84E+01	1.57E+00	0.00E+00	0.00E+00	5.89E-03	1.72E+00
6768823512	9.97E-03	1.16E+00	-5.85E-02	1.23E+00	4.99E-06	0.00E+00	5.16E+02	9.78E-05	1.03E-03	1.15E-02	2.36E-03	2.77E+00	2.73E-07	7.15E-08	9.76E+00	3.14E-01	3.39E-03	2.51E-02	7.49E-02	4.03E-01	2.06E+01	8.76E+00	4.95E-08	6.47E-08	3.72E-03	7.29E-05	1.80E+00	1.05E+00	2.94E+01	2.00E-04	2.95E+01	3.29E+01	3.14E+00	0.00E+00	0.00E+00	4.33E-04	3.21E+00
6768823515	1.09E-02	1.29E+00	-5.42E-02	1.35E+00	4.93E-06	0.00E+00	5.75E+02	1.24E-04	1.14E-03	1.29E-02	2.45E-03	2.88E+00	4.34E-07	7.90E-08	1.21E+01	3.73E-01	3.31E-03	2.43E-02	6.20E-02	3.79E-01	2.23E+01	8.99E+00	6.03E-08	7.23E-08	4.18E-03	6.65E-05	1.65E+00	1.07E+00	3.12E+01	2.30E-04	3.12E+01	3.40E+01	2.72E+00	0.00E+00	0.00E+00	0.00E+00	2.66E+00
6768823522	1.02E-02	1.15E+00	-5.93E-02	1.22E+00	4.92E-06	0.00E+00	5.17E+02	9.93E-05	1.04E-03	1.17E-02	2.36E-03	2.45E+00	2.70E-07	7.62E-08	9.42E+00	3.17E-01	3.35E-03	2.46E-02	7.49E-02	3.29E-01	2.05E+01	8.81E+00	4.84E-08	6.39E-08	3.72E-03	5.56E-05	1.60E+00	1.19E+00	2.91E+01	2.02E-04	2.92E+01	3.18E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	3.21E+00
6768823525	1.08E-02	1.27E+00	-5.45E-02	1.33E+00	4.93E-06	0.00E+00	5.74E+02	1.24E-04	1.12E-03	1.27E-02	2.43E-03	2.88E+00	4.34E-07	7.89E-08	1.21E+01	3.72E-01	3.28E-03	2.43E-02	6.18E-02	3.62E-01	2.19E+01	8.88E+00	6.01E-08	7.16E-08	4.13E-03	5.62E-05	1.59E+00	1.07E+00	3.08E+01	2.30E-04	3.08E+01	3.35E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	2.66E+00
6768833512	1.32E-02	1.62E+00	-5.53E-02	1.67E+00	6.52E-06	0.00E+00	8.76E+02	1.05E-04	1.41E-03	1.62E-02	1.28E-03	3.89E+00	2.15E-07	9.50E-08	4.00E+00	4.67E-01	5.25E-03	3.35E-02	1.26E-01	4.31E-01	2.99E+01	1.16E+01	1.08E-07	8.75E-08	5.36E-03	1.10E-04	2.22E+00	1.19E+00	4.19E+01	3.21E-04	4.18E+01	4.55E+01	3.55E+00	0.00E+00	0.00E+00	3.90E-10	5.43E+00
6768833515	1.37E-02	1.62E+00	-5.58E-02	1.67E+00	6.53E-06	0.00E+00	8.78E+02	1.09E-04	1.42E-03	1.62E-02	1.66E-03	3.92E+00	2.41E-07	1.01E-07	4.14E+00	4.76E-01	5.25E-03	3.30E-02	1.12E-01	4.31E-01	2.99E+01	1.16E+01	1.05E-07	9.05E-08	5.39E-03	1.10E-04	2.19E+00	1.19E+00	4.20E+01	3.28E-04	4.18E+01	4.56E+01	3.49E+00	0.00E+00	0.00E+00	3.90E-10	4.85E+00
714134	3.32E-03	4.39E-01	-1.52E-02	4.55E-01	2.52E-08	0.00E+00	4.01E+00	4.02E-05	3.18E-04	3.46E-03	6.24E-04	9.57E-01	1.45E-07	2.34E-08	2.54E+00	1.12E-01	8.44E-04	2.77E-02	4.81E-02	1.06E-01	2.04E+01	6.71E-01	5.33E-08	1.98E-08	1.32E-03	4.98E-05	2.16E-01	3.65E-01	2.11E+01	1.70E-05	2.11E+01	2.17E+01	5.82E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+00
7341231404	4.18E-03	6.09E-01	-2.20E-02	6.44E-01	4.65E-06	0.00E+00	4.33E+01	3.39E-05	4.27E-04	4.73E-03	6.08E-04	1.04E+00	9.45E-08	2.82E-08	2.52E+00	9.96E-02	1.08E-03	2.87E-02	4.59E-02	1.52E-01	2.13E+01	1.34E+00	7.99E-07	2.38E-08	1.63E-03	8.66E-05	3.29E-01	5.01E-01	2.25E+01	1.78E-05	2.25E+01	2.35E+01	7.93E-01	0.00E+00	0.00E+00	3.90E-10	1.99E+00
7341231606	4.58E-03	6.09E-01	-2.39E-02	6.32E-01	4.66E-06	0.00E+00	3.95E+01	4.55E-05	4.29E-04	4.72E-03	8.15E-04	9.82E-01	1.50E-07	4.79E-08	3.77E+00	1.38E-01	1.10E-03	2.86E-02	4.50E-02	1.24E-01	2.25E+01	1.38E+00	8.00E-07	2.34E-08	1.66E-03	6.96E-05	3.72E-01	4.94E-01	2.39E+01	1.71E-05	2.39E+01	2.47E+01	8.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E+00
7341231909	4.61E-03	6.08E-01	-2.96E-02	6.37E-01	4.66E-06	0.00E+00	3.97E+01	4.55E-05	4.40E-04	4.81E-03	8.55E-04	9.82E-01	1.50E-07	4.80E-08	3.81E+00	1.38E-01	1.16E-03	2.86E-02	4.50E-02	1.27E-01	2.26E+01	1.38E+00	8.00E-07	2.35E-08	1.69E-03	7.13E-05	3.54E-01	5.85E-01	2.40E+01	1.71E-05	2.40E+01	2.49E+01	9.40E-01	0.00E+00	0.00E+00	0.00E+00	1.93E+00
7341231914	4.63E-03	6.09E-01	-3.11E-02	6.40E-01	4.69E-06	0.00E+00	3.97E+01	4.55E-05	4.47E-04	4.89E-03	8.75E-04	9.82E-01	1.50E-07	4.80E-08	3.95E+00	1.39E-01	1.18E-03	2.86E-02	4.50E-02	1.26E-01	2.26E+01	1.38E+00	8.00E-07	2.37E-08	1.71E-03	7.14E-05	3.64E-01	5.87E-01	2.40E+01	1.71E-05	2.40E+01	2.50E+01	9.51E-01	0.00E+00	0.00E+00	0.00E+00	1.93E+00
7341232045	4.35E-03	6.20E-01	-2.58E-02	6.55E-01	9.23E-06	0.00E+00	3.93E+01	4.69E-05	4.44E-04	4.81E-03	8.54E-04	1.09E+00	1.50E-07	2.92E-08	3.75E+00	1.95E-01	1.16E-03	2.86E-02	5.10E-02	1.63E-01	2.27E+01	1.35E+00	8.01E-07	2.48E-08	1.74E-03	8.30E-05	3.41E-01	5.12E-01	2.40E+01	2.44E-05	2.40E+01	2.51E+01	8.49E-01	0.00E+00	0.00E+00	3.90E-10	2.18E+00
7341232089	4.63E-03	6.09E-01	-3.00E-02	6.39E-01	4.66E-06	0.00E+00	3.96E+01	4.55E-05	4.41E-04	4.84E-03	8.50E-04	9.82E-01	1.50E-07	4.80E-08	3.81E+00	1.39E-01	1.15E-03	2.86E-02	4.50E-02	1.26E-01	2.26E+01	1.33E+00	8.00E-07	2.37E-08	1.69E-03	7.04E-05	3.90E-01	5.85E-01	2.40E+01	1.71E-05	2.40E+01	2.49E+01	9.75E-01	0.00E+00	0.00E+00	0.00E+00	1.93E+00
7341236014	4.37E-03	6.24E-01	-3.05E-02	6.54E-01	2.70E-08	0.00E+00	3.95E+01	4.51E-05	4.56E-04	5.01E-03	8.47E-04	1.05E+00	1.60E-07	2.78E-08	4.09E+00	1.26E-01	1.15E-03	2.86E-02	4.82E-02	1.70E-01	2.31E+01	1.13E+00	8.30E-07	2.61E-08	1.83E-03	8.40E-05	4.64E-01	6.40E-01	2.42E+01	1.82E-05	2.42E+01	2.53E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	2.07E+00
7341236084	5.62E-03	7.69E-01	-2.16E-02	7.87E-01	3.88E-07	0.00E+00	4.57E+01	4.46E-05	5.16E-04	5.72E-03	8.94E-04	1.63E+00	1.58E-07	4.47E-08	3.56E+00	1.29E-01	1.22E-03	2.85E-02	4.98E-02	1.98E-01	2.65E+01	1.46E+00	8.61E-07	3.23E-08	2.60E-03	1.01E-04	2.98E-01	5.85E-01	2.81E+01	3.87E-05	2.80E+01	2.93E+01	8.40E-01	0.00E+00	0.00E+00	3.90E-10	2.14E+00
7341236086	4.61E-03	6.65E-01	-3.23E-02	6.97E-01	2.52E-08	0.00E+00	4.01E+01	4.11E-05	4.89E-04	5.28E-03	9.22E-04	1.01E+00	1.53E-07	2.68E-08	3.84E+00	1.12E-01	1.25E-03	2.80E-02	5.22E-02	1.82E-01	2.40E+01	1.28E+00	8.48E-07	2.74E-08	2.06E-03	9.77E-05	3.87E-01	6.69E-01	2.53E+01	1.75E-05	2.53E+01	2.63E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
7341236089	4.51E-03	6.53E-01	-3.00E-02	6.83E-01	2.52E-08	0.00E+00	4.03E+01	4.11E-05	4.79E-04	5.14E-03	9.23E-04	1.00E+00	1.53E-07	2.67E-08	3.84E+00	1.12E-01	1.25E-03	2.80E-02	5.29E-02	1.93E-01	2.36E+01	1.35E+00	8.54E-07	2.68E-08	1.96E-03	1.02E-04	3.37E-01	6.84E-01	2.49E+01	1.75E-05	2.49E+01	2.59E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
7341238982	4.49E-03	6.45E-01	-2.16E-02	6.93E-01	1.13E-07	0.00E+00	4.44E+01	4.37E-05	4.69E-04	5.08E-03	9.00E-04	1.05E+00	1.57E-07	2.76E-08	2.90E+00	1.21E-01	1.22E-03	2.83E-02	5.00E-02	1.89E-01	2.31E+01	1.38E+00	8.51E-07	2.67E-08	1.95E-03	9.78E-05	2.96E-01	6.01E-01	2.47E+01	1.78E-05	2.47E+01	2.55E+01	8.34E-01	0.00E+00	0.00E+00	3.90E-10	2.17E+00
7341238989	4.43E-03	6.40E-01	-3.09E-02	6.71E-01	2.52E-08	0.00E+00	4.01E+01	4.11E-05	4.71E-04	5.05E-03	9.16E-04	1.00E+00	1.53E-07	2.67E-08	3.83E+00	1.12E-01	1.24E-03	2.80E-02	5.25E-02	1.85E-01	2.33E+01	1.29E+00	8.48E-07	2.63E-08	1.92E-03	9.78E-05	3.30E-01	6.75E-01	2.46E+01	1.75E-05	2.46E+01	2.56E+01	1.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+00
7341251404	6.20E-03	1.03E+00	-1.73E-01	1.08E+00	2.43E-05	0.00E+00	3.36E+03	4.65E-05	6.36E-04	7.09E-03	8.32E-04	1.28E+00	1.72E-07	4.63E-08	2.79E+00	2.01E-01	1.32E-03	3.18E-02	4.98E-02	2.26E-01	2.98E+01	1.96E+00	8.60E-07	3.66E-08	3.87E-03	1.12E-04	6.77E-01	1.99E+00	3.17E+01	6.59E-05	3.19E+01	3.32E+01	1.45E+00	0.00E+00	0.00E+00	3.90E-10	2.16E+00
7341251606	5.23E-03	7.28E-01	-2.75E-02	7.55E-01	2.37E-05	0.00E+00	4.04E+01	4.60E-05	5.16E-04	5.81E-03	9.48E-04	9.85E-01	1.51E-07	4.85E-08	2.69E+00	1.93E-01	1.28E-03	2.87E-02	4.54E-02	1.88E-01	2.44E+01	1.88E+00	8.01E-07	2.68E-08	1.93E-03	9.32E-05	6.97E-01	5.94E-01	2.63E+01	1.71E-05	2.63E+01	2.76E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+00

7341251909	5.43E-03	7.66E-01	-3.31E-02	7.80E-01	2.43E-05	0.00E+00	4.34E+01	3.91E-05	5.50E-04	6.11E-03	9.71E-04	1.14E+00	1.45E-07	3.21E-08	2.75E+00	1.94E-01	1.32E-03	3.11E-02	4.61E-02	2.30E-01	2.67E+01	1.97E+00	8.39E-07	3.30E-08	2.12E-03	1.06E-04	6.73E-01	6.63E-01	2.89E+01	6.28E-05	2.88E+01	3.04E+01	1.31E+00	0.00E+00	0.00E+00	3.90E-10	1.99E+00
7341258982	4.55E-03	6.87E-01	-1.73E-02	6.90E-01	2.45E-05	0.00E+00	3.99E+01	4.02E-05	4.71E-04	4.99E-03	8.74E-04	1.02E+00	1.43E-07	3.00E-08	2.79E+00	1.87E-01	1.18E-03	2.88E-02	4.59E-02	2.07E-01	2.30E+01	1.89E+00	8.00E-07	2.48E-08	1.86E-03	9.20E-05	3.76E-01	5.15E-01	2.52E+01	1.77E-05	2.52E+01	2.61E+01	8.31E-01	0.00E+00	0.00E+00	3.90E-10	1.97E+00
7341258989	5.23E-03	7.26E-01	-2.56E-02	7.51E-01	2.37E-05	0.00E+00	4.04E+01	4.60E-05	5.16E-04	5.80E-03	9.45E-04	9.85E-01	1.51E-07	4.85E-08	2.69E+00	1.93E-01	1.28E-03	2.87E-02	4.54E-02	1.87E-01	2.44E+01	1.86E+00	8.01E-07	2.68E-08	1.93E-03	9.29E-05	6.96E-01	5.94E-01	2.63E+01	1.71E-05	2.63E+01	2.75E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+00
7341357003	2.60E-03	2.10E-01	-1.81E-02	2.27E-01	2.41E-05	0.00E+00	3.93E+01	4.21E-05	1.58E-04	2.13E-03	2.64E-04	1.25E+00	1.21E-07	3.37E-08	2.72E+00	1.91E-01	3.24E-04	2.90E-02	4.19E-02	1.12E-01	2.05E+01	6.29E-01	8.01E-07	2.18E-08	5.50E-04	5.09E-05	3.33E-01	4.68E-01	1.27E+01	2.05E-05	1.27E+01	9.96E+00	5.78E-01	0.00E+00	0.00E+00	3.90E-10	1.63E+00
7341357004	7.35E-03	1.25E+00	-2.02E-02	1.24E+00	2.39E-05	0.00E+00	4.05E+01	4.46E-05	8.46E-04	9.30E-03	9.77E-04	1.42E+00	1.53E-07	3.90E-08	2.84E+00	1.88E-01	1.32E-03	5.17E-02	4.91E-02	4.36E-01	3.07E+01	1.67E+00	8.39E-07	4.10E-08	2.96E-03	1.02E-04	5.46E-01	5.24E-01	3.20E+01	1.97E-05	3.20E+01	3.30E+01	1.10E+00	0.00E+00	0.00E+00	9.91E-03	2.07E+00
7341357006	4.06E-03	6.30E-01	-2.92E-02	6.59E-01	4.65E-06	0.00E+00	3.92E+01	4.13E-05	4.44E-04	4.80E-03	8.78E-04	1.00E+00	1.53E-07	2.69E-08	3.49E+00	1.25E-01	1.19E-03	2.80E-02	4.90E-02	1.59E-01	2.31E+01	1.48E+00	7.98E-07	2.43E-08	1.81E-03	7.71E-05	3.54E-01	5.88E-01	2.45E+01	1.75E-05	2.45E+01	2.55E+01	9.43E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+00
7341357009	3.84E-03	5.97E-01	-2.92E-02	6.26E-01	4.65E-06	0.00E+00	3.88E+01	4.13E-05	4.23E-04	4.57E-03	8.78E-04	9.95E-01	1.53E-07	2.68E-08	3.49E+00	1.25E-01	1.19E-03	2.80E-02	4.88E-02	1.57E-01	2.23E+01	1.48E+00	7.93E-07	2.31E-08	1.62E-03	7.36E-05	3.53E-01	5.88E-01	2.38E+01	1.75E-05	2.38E+01	2.47E+01	9.41E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+00
7341357014	4.57E-03	6.26E-01	-2.19E-02	6.64E-01	5.30E-06	0.00E+00	3.91E+01	4.06E-05	4.67E-04	4.96E-03	8.74E-04	1.26E+00	1.29E-07	4.66E-08	3.49E+00	1.14E-01	1.18E-03	2.86E-02	4.66E-02	1.68E-01	2.25E+01	1.45E+00	8.00E-07	2.47E-08	1.85E-03	9.99E-05	3.27E-01	5.14E-01	2.38E+01	1.96E-05	2.38E+01	2.49E+01	8.47E-01	0.00E+00	0.00E+00	7.67E-08	1.99E+00
7341393505	6.83E-03	8.03E-01	-3.51E-02	8.54E-01	1.16E-05	0.00E+00	4.62E+02	7.17E-05	7.16E-04	8.06E-03	1.31E-03	3.97E+00	1.92E-07	6.63E-08	6.35E+00	2.66E-01	2.04E-03	2.25E-02	3.24E-02	3.53E-01	2.58E+01	4.99E+00	1.37E-07	6.59E-08	2.72E-03	2.23E-04	1.54E+00	7.15E-01	2.54E+01	1.86E-04	2.54E+01	2.68E+01	2.11E+00	0.00E+00	0.00E+00	6.40E-03	1.31E+00
7341403533	4.20E-03	6.46E-01	-3.43E-02	6.99E-01	3.02E-06	0.00E+00	2.97E+02	4.71E-05	5.45E-04	6.10E-03	1.27E-03	1.02E+00	1.62E-07	3.85E-08	5.33E+00	1.52E-01	1.84E-03	9.91E-03	3.93E-02	1.50E-01	1.13E+01	4.57E+00	4.19E-08	3.06E-08	1.89E-03	5.42E-05	7.67E-01	7.09E-01	1.54E+01	1.19E-04	1.53E+01	1.71E+01	1.52E+00	0.00E+00	0.00E+00	4.98E-04	1.71E+00
7341413515	6.81E-03	7.50E-01	-3.49E-02	7.99E-01	8.38E-06	0.00E+00	2.78E+02	5.03E-05	6.64E-04	7.60E-03	9.86E-04	2.83E+00	1.76E-07	4.77E-08	5.67E+00	2.29E-01	1.79E-03	1.29E-02	3.60E-02	3.37E-01	2.55E+01	3.36E+00	5.39E-08	5.18E-08	2.56E-03	2.19E-04	9.83E-01	6.53E-01	2.46E+01	1.81E-04	2.45E+01	2.56E+01	1.66E+00	0.00E+00	0.00E+00	3.22E-04	1.41E+00
7341441909	4.96E-03	7.30E-01	-1.78E-02	7.51E-01	7.24E-06	0.00E+00	4.01E+01	3.25E-05	5.33E-04	5.63E-03	9.34E-04	1.02E+00	9.67E-08	3.10E-08	2.79E+00	1.36E-01	1.26E-03	3.41E-02	4.66E-02	1.96E-01	2.43E+01	1.90E+00	8.06E-07	3.06E-08	2.00E-03	1.78E-04	5.17E-01	5.14E-01	2.63E+01	1.79E-05	2.64E+01	2.75E+01	1.08E+00	0.00E+00	0.00E+00	3.90E-10	2.02E+00
7341442045	4.55E-03	6.60E-01	-1.43E-02	7.08E-01	1.41E-05	0.00E+00	7.03E+01	3.55E-05	4.90E-04	5.40E-03	6.93E-04	1.07E+00	1.63E-07	2.60E-08	2.66E+00	1.69E-01	1.15E-03	3.45E-02	5.28E-02	2.11E-01	2.25E+01	1.50E+00	8.06E-07	2.87E-08	1.86E-03	8.04E-05	4.09E-01	5.07E-01	2.45E+01	2.05E-05	2.44E+01	2.57E+01	1.05E+00	0.00E+00	0.00E+00	4.47E-05	2.30E+00
7341448989	4.96E-03	7.29E-01	-1.79E-02	7.51E-01	7.27E-06	0.00E+00	4.01E+01	3.22E-05	5.33E-04	5.63E-03	9.34E-04	1.03E+00	9.69E-08	3.10E-08	2.79E+00	1.35E-01	1.26E-03	3.41E-02	4.65E-02	1.96E-01	2.44E+01	1.90E+00	8.06E-07	3.06E-08	2.01E-03	1.78E-04	5.16E-01	5.15E-01	2.64E+01	1.80E-05	2.64E+01	2.75E+01	1.08E+00	0.00E+00	0.00E+00	3.90E-10	2.02E+00
7341512045	5.49E-03	7.23E-01	-1.72E-01	7.60E-01	2.08E-05	0.00E+00	3.29E+03	5.16E-05	5.21E-04	5.87E-03	8.12E-04	1.28E+00	1.48E-07	3.97E-08	2.85E+00	2.06E-01	1.26E-03	3.17E-02	5.36E-02	2.03E-01	2.53E+01	1.75E+00	8.09E-07	3.34E-08	2.14E-03	1.04E-04	5.85E-01	1.98E+00	2.74E+01	6.07E-05	2.73E+01	2.85E+01	1.41E+00	0.00E+00	0.00E+00	3.90E-10	2.30E+00
7341512089	4.76E-03	7.04E-01	-1.95E-02	7.35E-01	2.03E-05	0.00E+00	4.00E+01	4.24E-05	5.00E-04	5.58E-03	9.34E-04	1.04E+00	1.45E-07	2.87E-08	2.80E+00	1.83E-01	1.26E-03	2.88E-02	4.66E-02	2.04E-01	2.37E+01	1.79E+00	8.04E-07	2.95E-08	1.98E-03	9.33E-05	4.31E-01	5.16E-01	2.56E+01	1.81E-05	2.57E+01	2.67E+01	9.82E-01	0.00E+00	0.00E+00	3.90E-10	2.00E+00
7341516084	7.81E-03	1.20E+00	-2.56E-02	1.22E+00	2.39E-05	0.00E+00	5.27E+01	4.50E-05	7.56E-04	8.76E-03	9.63E-04	1.81E+00	1.60E-07	4.83E-08	3.06E+00	1.97E-01	1.33E-03	2.93E-02	4.67E-02	2.85E-01	3.27E+01	1.99E+00	8.84E-07	4.19E-08	4.19E-03	1.53E-04	8.12E-01	5.95E-01	3.51E+01	3.59E-05	3.48E+01	3.64E+01	1.46E+00	0.00E+00	0.00E+00	3.90E-10	2.00E+00
7341516086	5.44E-03	7.68E-01	-2.76E-02	7.95E-01	2.29E-05	0.00E+00	4.09E+01	4.58E-05	5.31E-04	5.96E-03	9.63E-04	1.06E+00	1.60E-07	2.88E-08	2.84E+00	1.91E-01	1.30E-03	2.87E-02	4.66E-02	2.12E-01	2.57E+01	1.83E+00	8.05E-07	2.90E-08	2.22E-03	1.02E-04	7.56E-01	5.96E-01	2.76E+01	1.83E-05	2.76E+01	2.89E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+00
7341516089	6.47E-03	9.41E-01	-2.52E-02	9.57E-01	2.37E-05	0.00E+00	4.44E+01	4.01E-05	6.70E-04	8.03E-03	9.75E-04	1.78E+00	1.54E-07	4.52E-08	2.93E+00	1.90E-01	1.33E-03	2.96E-02	4.65E-02	3.03E-01	2.50E+01	1.94E+00	8.50E-07	3.86E-08	2.46E-03	1.73E-04	8.47E-01	6.00E-01	2.73E+01	3.53E-05	2.72E+01	2.87E+01	1.54E+00	0.00E+00	0.00E+00	3.90E-10	1.99E+00
7341517203	5.60E-03	7.69E-01	-2.75E-02	8.05E-01	2.55E-05	0.00E+00	4.38E+01	4.04E-05	5.56E-04	6.00E-03	1.02E-03	1.15E+00	1.42E-07	3.18E-08	2.78E+00	1.94E-01	1.38E-03	3.11E-02	4.69E-02	2.49E-01	2.70E+01	1.89E+00	8.52E-07	3.38E-08	2.18E-03	1.07E-04	6.30E-01	6.06E-01	2.90E+01	5.60E-05	2.89E+01	3.06E+01	1.26E+00	0.00E+00	0.00E+00	3.90E-10	2.01E+00
7341517204	7.47E-03	1.39E+00	-4.83E-02	1.42E+00	2.53E-05	0.00E+00	6.81E+01	5.01E-05	8.47E-04	9.53E-03	1.08E-03	1.52E+00	1.63E-07	3.40E-08	2.79E+00	2.01E-01	1.49E-03	4.85E-02	4.55E-02	4.20E-01	3.19E+01	2.30E+00	8.50E-07	4.36E-08	3.03E-03	1.08E-04	6.64E-01	1.02E+00	3.36E+01	4.76E-05	3.35E+01	3.48E+01	1.41E+00	0.00E+00	0.00E+00	9.78E-03	2.02E+00
7341517206	5.25E-03	7.56E-01	-2.74E-02	7.75E-01	2.57E-05	0.00E+00	4.39E+01	3.89E-05	5.45E-04	5.93E-03	1.01E-03	1.09E+00	1.36E-07	3.10E-08	2.74E+00	1.91E-01	1.37E-03	3.00E-02	4.65E-02	2.33E-01	2.66E+01	1.99E+00	8.43E-07	3.18E-08	2.11E-03	1.07E-04	6.26E-01	6.04E-01	2.84E+01	5.55E-05	2.83E+01	3.00E+01	1.27E+00	0.00E+00	0.00E+00	3.90E-10	2.01E+00
7341517209	5.28E-03	7.58E-01	-2.66E-02	7.75E-01	2.57E-05	0.00E+00	4.34E+01	3.90E-05	5.50E-04	5.92E-03	1.00E-03	1.05E+00	1.38E-07	3.10E-08	2.78E+00	1.91E-01	1.36E-03	2.95E-02	4.65E-02	2.31E-01	2.66E+01	1.99E+00	8.43E-07	3.18E-08	2.12E-03	1.07E-04	6.28E-01	6.04E-01	2.84E+01	5.20E-05	2.84E+01	2.99E+01	1.26E+00	0.00E+00	0.00E+00	3.90E-10	2.01E+00
73415520	4.47E-03	6.42E-01	-2.85E-02	6.71E-01	2.70E-08	0.00E+00	4.05E+01	4.51E-05	4.67E-04	5.12E-03	7.94E-04	1.05E+00	1.60E-07	2.80E-08	2.79E+00	1.26E-01	1.08E-03	3.40E-02	4.88E-02	1.78E-01	2.39E+01	1.17E+00	8.36E-07	2.67E-08	1.89E-03	8.90E-05	4.50E-01	6.45E-01	2.51E+01	1.81E-05	2.51E+01	2.62E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	2.10E+00
7341552045	4.22E-03	6.15E-01	-3.01E-02	6.45E-01	4.66E-06	0.00E+00	3.92E+01	4.98E-05	4.32E-04	4.75E-03	7.93E-04	1.04E+00	1.60E-07	2.80E-08	3.95E+00	2.02E-01	1.07E-03	3.39E-02	5.17E-02	1.39E-01	2.35E+01	1.17E+00	7.99E-07	2.59E-08	1.69E-03	6.03E-05	4.67E-01	5.79E-01	2.47E+01	1.81E-05	2.47E+01	2.57E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	2.22E+00
7341552089	4.10E-03	5.97E-01	-2.56E-02	6.23E-01	4.65E-06	0.00E+00	3.75E+01	1.95E-06	4.24E-04	4.77E-03	0.00E+00	1.05E+00	5.27E-09	2.41E-08	1.47E+00	1.83E-02	1.10E-03	3.57E-02	4.79E-02	1.77E-01	1.86E+01	1.36E+00	7.94E-07	2.48E-08	1.60E-03	6.39E-05	6.67E-01	5.81E-01	2.00E+01	1.89E-05	2.00E+01	2.12E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	2.05E+00
73415521	4.46E-03	6.40E-01	-2.85E-02	6.69E-01	2.70E-08	0.00E+00	4.04E+01	4.51E-05	4.68E-04	5.13E-03	7.94E-04	1.05E+00	1.60E-07	2.79E-08	2.78E+00	1.26E-01	1.08E-03	3.40E-02	4.87E-02	1.77E-01	2.38E+01	1.19E+00	8.36E-07	2.66E-08	1.88E-03	8.88E-05	4.45E-01	6.45E-01	2.50E+01	1.81E-05	2.50E+01	2.61E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	2.09E+00
7341753555	1.30E-02	1.62E+00	-6.12E-02	1.64E+00	9.78E-06	0.00E+00	5.69E+02	7.53E-05	1.30E-03	1.43E-02	2.47E-03	4.72E+00	2.03E-07	8.67E-08	8.48E+00	3.20E-01	3.38E-03	2.34E-02	8.29E-02	3.62E-01	2.92E+01	8.28E+00	8.14E-08	9.90E-08	4.85E-03	2.36E-04	1.92E+00	1.24E+00	3.48E+01	2.34E-04	3.46E+01	3.80E+01	3.07E+00	0.00E+00	0.00E+00	3.22E-04	3.74E+00
7429635	5.54E-03	5.08E-01	-9.59E-03	5.08E-01	4.94E-05	0.00E+00	3.12E+02	4.67E-05	3.78E-04	3.75E-03	5.23E-04	1.96E+00	2.11E-07	4.21E-08	3.62E+00	1.68E-01	7.01E-04	1.30E-02	7.73E-03	1.94E-01	9.35E+00	1.22E+00	6.81E-07	3.35E-08	1.52E-03	7.42E-05	4.78E-01	3.19E-01	1.18E+01	4.56E-05	1.18E+01	1.34E+01	9.28E-01	0.00E+00	0.00E+00	3.90E-10	3.28E-01
8412186	3.01E-03	2.42E-01	2.71E-03	2.10E-01	2.76E-05	0.00E+00	3.67E+02	6.06E-05	1.59E-04	1.89E-03	1.89E-04	1.73E+00	1.67E-07	4.61E-08	4.29E+00	1.89E-01	3.01E-04	9.43E-03	7.04E-03	1.13E-01	3.43E+00	5.50E-01	7.35E-07	2.27E-08	5.15E-04	5.13E-05	4.11E-01	5.29E-02	4.01E+00	2.79E-05	4.01E+00	4.13E+00	3.83E-01	0.00E+00	0.00E+00	3.90E-10	3.01E-01
8413006	3.26E-03	2.92E-01	4.47E-03	2.89E-01	2.87E-05	0.00E+00	3.79E+02	6.88E-05	2.16E-04	2.45E-03	3.22E-04	1.78E+00	1.80E-07	7.03E-08	4.36E+00	2.06E-01	4.34E-04	1.31E-02	6.57E-03	1.24E-01	4.55E+00	6.92E-01	1.90E-07	2.20E-08	1.03E-03	5.02E-05	2.97E-01	7.10E-02	5.44E+00	5.26E-05	5.44E+00	5.76E+00	3.75E-01	0.00E+00	0.00E+00	3.90E-10	2.88E-01
841402506	3.34E-03	2.84E-01	-2.92E-02	2.80E-01	3.71E-05	0.00E+00	3.62E+02	6.03E-05	2.25E-04	2.55E-03	3.03E-04	1.80E+00	2.24E-07	4.14E-08	3.73E+00	2.08E-01	4.07E-04	1.18E-02	6.57E-03	1.25E-01	4.44E+00	7.05E-01	7.72E-07	2.34E-08	8.64E-04	5.79E-05	4.79E-01	6.35E-01	5.32E+00	7.10E-05	5.32E+00	5.63E+00	5.19E-01	0.00E+00	0.00E+00	3.90E-10	2.84E-01
8418505	3.07E-03	2.55E-01	2.10E-03	2.53E-01	3.39E-08	0.00E+00	3.53E+02	6.82E-05	2.10E-04	2.32E-03	2.89E-04	1.53E+00	2.24E-07	3.58E-08	3.36E+00	1.93E-01	3.91E-04	1.03E-02	6.38E-03	8.68E-02	4.07E+00	6.84E-01	4.27E-08	2.04E-08	8.51E-04	2.97E-05	2.18E-01	1.10E-01	4.75E+00	2.30E-05	4.75E+00	5.08E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	2.74E-01
8418525	3.15E-03	2.79E-01	2.35E-03	2.75E-01	2.26E-07	0.00E+00	3.71E+02	6.76E-05	2.18E-04	2.50E-03	3.23E-04	1.64E+00	2.22E-07	3.63E-08	3.45E+00	1.91E-01	4.34E-04	1.03E-02	6.47E-03	9.13E-02	4.54E+00	7.08E-01	5.04E-08	2.10E-08	9.17E-04	4.74E-05	2.74E-01	1.12E-01	5.22E+00	2.60E-05	5.22E+00	5.63E+00	4.08E-01	0.00E+00	0.00E+00	3.90E-10	2.77E-01
841852501	3.08E-03	2.65E-01	2.18E-03	2.66E-01	2.63E-07	0.00E+00	3.58E+02	6.78E-05	2.11E-04	2.36E-03	2.91E-04	1.63E+00	2.21E-07	3.66E-08	3.47E+00	1.91E-01	3.90E-04	1.03E-02	6.34E-03	9.01E-02	4.24E+00	6.99E-01	4.98E-08	2.05E-08	8.70E-04	4.73E-05	2.49E-01	1.08E-01	4.85E+00	2.53E-05	4.85E+00	5.20E+00	3.42E-01	0.00E+00	0.00E+00	3.90E-10	2.72E-01
841852502	3.07E-03	2.56E-01	2.10E-03	2.54E-01	3.39E-08	0.00E+00	3.53E+02	6.82E-05	2.10E-04	2.33E-03	2.89E-04	1.53E+00	2.24E-07	3.58E-08	3.36E+00	1.93E-01	3.91E-04	1.03E-02	6.38E-03	8.69E-02	4.08E+00	6.84E-01	4.27E-08	2.04E-08	8.51E-04	2.97E-05	2.23E-01	1.10E-01	4.77E+00	2.30E-05	4.77E+00	5.10E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	2.74E-01
841852505	3.06E-03	2.55E-01	2.10E-03	2.53E-01	3.39E-08	0.00E+00	3.53E+02	6.82E-05	2.09E-04	2.32E-03	2.89E-04	1.53E+00	2.24E-07	3.58E-08	3.36E+00	1.93E-01	3.91E-04	1.03E-02	6.38E-03	8.68E-02	4.07E+00	6.84E-01	4.27E-08	2.04E-08	8.49E-04	2.97E-05	2.18E-01	1.10E-01	4.75E+00	2.30E-05	4.75E+00	5.08E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	2.74E-01
841852506	3.09E-03	2.57E-01	-4.05E-03	2.62E-01	2.87E-07	0.00E+00	3.58E+02	6.74E-05	2.10E-04	2.36E-03	2.91E-04	1.63E+00	2.22E-07	3.61E-08	3.47E+00	1.90E-01	3.90E-04	1.03E-02	6.28E-03	8.95E-02	4.24E+00	6.91E-01	4.95E-08	2.04E-08	8.70E-04	4.65E-05	2.48E-01	1.19E-01	4.83E+00	2.59E-05	4.83E+00	5.18E+00	3.42E-01	0.00E+00	0.00E+00	3.90E-10	2.71E-01
841852521	2.78E-03	2.68E-01	2.08E-03	2.63E-01	1.78E-06	0.00E+00	3.72E+02	6.61E-05	1.76E-04	2.34E-03	2.66E-04	1.65E+00	2.16E-07	3.74E-08	3.49E+00	1.85E-01	3.41E-04	9.99E-03	7.04E-03	9.11E-02	4.34E+00	6.62E-01	1.12E-07	2.07E-08	7.94E-04	4.74E-05	2.71E-01	8.84E-02	4.87E+00	2.64E-05	4.87E+00	5.35E+00	3.95E-01	0.00E+00	0.00E+00	3.90E-10	2.70E-01
841852525	3.30E-03	2.83E-01	-4.78E-03	2.90E-01	7.07E-07	0.00E+00	3.61E+02	6.02E-05	2.32E-04	2.56E-03	3.00E-04	1.65E+00	2.07E-07	3.80E-08	3.50E+00	1.60E-01	4.03E-04	1.07E-02	6.11E-03	1.06E-01	4.47E+00	6.97E-01	5.34E-07	2.18E-08	9.29E-04	4.98E-05	2.86E-01	1.37E-01	5.12E+00	2.51E-05	5.12E+00	5.55E+00	3.91E-01	0.00E+00	0.00E+00	3.90E-10	2.64E-01
841852526	3.32E-03	3.01E-01	2.04E-03	2.98E-01	3.39E-08	0.00E+00	3.99E+02	6.87E-05	2.43E-04	2.77E-03	2.98E-04	1.53E+00	2.24E-07	3.63E-08	3.37E+00	1.94E-01	4.03E-04	1.03E-02	6.50E-03	9.42E-02	4.85E+00	7.38E-01	4.38E-08	2.19E-08	9.59E-04	3.16E-05	3.45E-01	1.11E-01	5.58E+00	2.30E-05	5.58E+00	6.04E+00	4.56E-01	0.00E+00	0.00E+00	0.00E+00	2.79E-01
8418855	3.08E-03	2.71E-01	-8.18E-03	2.76E-01	1.32E-06	0.00E+00	3.54E+02	6.08E-05	1.80E-04	2.42E-03	2.68E-04	1.67E+00	1.98E-07	3.88E-08	3.48E+00	1.47E-01	3.50E-04	1.15E-02	6.90E-03	9.94E-02	4.22E+00	6.50E-01	5.47E-07	2.15E-08	7.53E-04	4.99E-05	2.88E-01	2.68E-01	4.71E+00	2.61E-05	4.71E+00	5.16E+00	4.80E-01	0.00E+00	0.00E+00	3.90E-10	2.60E-01
8419505	3.19E-03	3.34E-01	3.24E-03	3.31E-01	3.39E-08	0.00E+00	3.74E+02	6.86E-05	2.32E-04	2.54E-03	3.01E-04	1.53E+00	2.24E-07	3.78E-08	3.37E+00	1.97E-01	4.07E-04	1.03E-02	6.59E-03	1.36E-01	4.55E+00	7.32E-01	7.82E-07	2.15E-08	9.29E-04	6.09E-05	2.51E-01	1.11E-01	5.28E+00	2.30E-05	5.28E+00	5.64E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	2.83E-01
841952502	3.19E-03	3.34E-01	3.24E-03	3.31E-01	3.39E-08	0.00E+00	3.74E+02	6.86E-05	2.31E-04	2.53E-03	3.01E-04	1.53E+00	2.24E-07	3.78E-08	3.37E+00	1.97E-01	4.07E-04	1.03E-02	6.59E-03	1.36E-01	4.55E+00	7.32E-01	7.82E-07	2.15E-08	9.28E-04	6.09E-05	2.51E-01	1.11E-01	5.28E+00	2.30E-05	5.28E+00	5.64E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	2.83E-01
841952505	3.19E-03	3.34E-01	3.24E-03	3.31E-01	3.39E-08	0.00E+00	3.74E+02	6.86E-05	2.31E-04	2.53E-03	3.01E-04	1.53E+00	2.24E-07	3.78E-08	3.37E+00	1.97E-01	4.07E-04	1.03E-02	6.59E-03	1.36E-01	4.55E+00	7.32E-01	7.82E-07	2.15E-08	9.27E-04	6.09E-05	2.51E-01	1.11E-01	5.28E+00	2.30E-05	5.28E+00	5.64E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	2.83E-01
841952506	3.24E-03	3.05E-01	-3.91E-03	3.10E-01	4.12E-07	0.00E+00	3.73E+02	6.79E-05	2.31E-04	2.55E-03	3.00E-04	1.54E+00	2.09E-07	3.81E-08	3.45E+00	1.95E-01	4.05E-04	1.03E-02	6.51E-03	1.23E-01	4.49E+00	7.14E-01	7.78E-07	2.18E-08	9.37E-04	4.92E-05	2.67E-01	1.21E-01	5.21E+00	2.36E-05	5.21E+00	5.60E+00	3.64E-01	0.00E+00	0.00E+00	3.90E-10	2.75E-01
8419605	3.19E-03	2.77E-01	2.55E-03	2.74E-01	1.71E-06	0.00E+00	3.66E+02	6.47E-05	2.19E-04	2.45E-03	2.94E-04	1.68E+00	1.75E-07	4.10E-08	3.85E+00	1.87E-01	3.99E-04	1.00E-02	6.47E-03	1.04E-01	4.45E+00	6.88E-01	5.00E-08	2.15E-08	1.02E-03	4.86E-05	2.80E-01	7.64E-02	5.16E+00	2.71E-05	5.16E+00	5.61E+00	3.77E-01	0.00E+00	0.00E+00	3.90E-10	2.85E-01
8419609	3.20E-03	2.72E-01	2.47E-03	2.70E-01	1.87E-06	0.00E+00	3.66E+02	6.46E-05	2.24E-04	2.45E-03	2.92E-04	1.68E+00	1.74E-07	4.13E-08	3.89E+00	1.87E-01	3.99E-04	1.00E-02	6.43E-03	1.03E-01	4.46E+00	6.86E-01	5.00E-08	2.16E-08	1.03E-03	4.86E-05	2.80E-01	7.01E-02	5.18E+00	2.79E-05	5.18E+00	5.61E+00	3.70E-01	0.00E+00	0.00E+00	3.90E-10	2.84E-01
8429615	5.60E-03	5.34E-01	-1.29E-02	5.41E-01	4.72E-05	0.00E+00	3.25E+02	5.03E-05	4.16E-04	4.56E-03	5.80E-04	1.98E+00	2.07E-07	4.51E-08	3.64E+00	1.75E-01	8.12E-04	1.33E-02	8.02E-03	1.93E-01	9.71E+00	1.61E+00	6.67E-07	3.65E-08	1.69E-03	7.82E-05	5.30E-01	4.37E-01	1.25E+01	4.71E-05	1.25E+01	1.38E+01	9.93E-01	0.00E+00	0.00E+00	3.90E-10	3.75E-01
8429634	5.59E-03	5.55E-01	-9.98E-03	5.53E-01	4.90E-05	0.00E+00	3.36E+02	5.75E-05	4.18E-04	4.71E-03	5.48E-04	1.94E+00	2.10E-07	4.25E-08	3.96E+00	1.82E-01	7.34E-04	1.28E-02	8.10E-03	1.83E-01	9.75E+00	1.62E+00	6.53E-07	3.66E-08	1.86E-03	7.47E-05	4.36E-01	4.32E-01	1.25E+01	2.83E-05	1.25E+01	1.36E+01	9.95E-01	0.00E+00	0.00E+00	3.90E-10	3.85E-01
8429636	5.70E-03	5.30E-01	-9.62E-03	5.41E-01	4.68E-05	0.00E+00	3.27E+02	5.56E-05	4.12E-04	4.50E-03	5.37E-04	1.91E+00	2.01E-07	4.41E-08	3.91E+00	1.84E-01	7.31E-04	1.27E-02	7.96E-03	1.84E-01	9.69E+00	1.35E+00	6.48E-07	3.51E-08	1.69E-03	7.49E-05	4.39E-01	4.15E-01	1.24E+01	4.77E-05	1.24E+01	1.36E+01	9.47E-01	0.00E+00	0.00E+00	3.90E-10	3.67E-01
8429646	3.94E-03	4.13E-01	-4.43E-03	4.13E-01	2.15E-05	0.00E+00	3.35E+02	5.30E-05	3.06E-04	3.39E-03	4.06E-04	1.88E+00	1.69E-07	4.28E-08	3.94E+00	1.43E-01	5.52E-04	1.20E-02	8.75E-03	1.60E-01	5.53E+00	9.33E-01	9.85E-08	2.71E-08	1.10E-03	5.89E-05	6.02E-01	2.06E-01	6.37E+00	1.06E-04	6.37E+00	7.03E+00	7.29E-01	0.00E+00	0.00E+00	3.90E-10	3.80E-01
8451705	1.88E-03	1.94E-01	-2.31E-03	1.88E-01	1.12E-05	0.00E+00	1.08E+02	3.33E-05	1.26E-04	1.57E-03	2.07E-04	1.55E+00	8.12E-08	2.26E-08	2.63E+00	1.12E-01	2.92E-04	7.27E-03	1.69E-02	1.13E-01	3.09E+00	5.40E-01	1.28E-07	1.96E-08	4.31E-04	5.75E-05	2.61E-01	7.53E-02	3.47E+00	2.03E-05	3.45E+00	3.73E+00	3.61E-01	0.00E+00	0.00E+00	3.90E-10	3.25E-01
845172501	1.82E-03	1.93E-01	-2.06E-03	1.85E-01	1.06E-05	0.00E+00	1.02E+02	3.22E-05	1.27E-04	1.57E-03	2.10E-04	1.48E+00	8.18E-08	2.12E-08	2.46E+00	1.09E-01	2.92E-04	5.95E-03	1.61E-02	1.11E-01	3.09E+00	5.41E-01	1.20E-07	1.94E-08	4.31E-04	6.99E-05	2.62E-01	7.79E-02	3.50E+00	1.87E-05	3.48E+00	3.77E+00	3.59E-01	0.00E+00	0.00E+00	3.90E-10	2.88E-01
845172505	1.88E-03	1.94E-01	-2.31E-03	1.88E-01	1.12E-05	0.00E+00	1.08E+02	3.33E-05	1.26E-04	1.57E-03	2.07E-04	1.55E+00	8.12E-08	2.26E-08	2.63E+00	1.12E-01	2.92E-04	7.27E-03	1.69E-02	1.13E-01	3.09E+00	5.40E-01	1.28E-07	1.96E-08	4.31E-04	5.75E-05	2.61E-01	7.53E-02	3.47E+00	2.03E-05	3.45E+00	3.73E+00	3.61E-01	0.00E+00	0.00E+00	3.90E-10	3.25E-01
845172509	1.77E-03	1.82E-01	-2.10E-03	1.82E-01	9.40E-06	0.00E+00	1.00E+02	3.06E-05	1.31E-04	1.59E-03	2.22E-04	1.43E+00	8.49E-08	2.06E-08	1.84E+00	9.91E-02	2.92E-04	6.11E-03	1.54E-02	1.08E-01	3.07E+00	5.44E-01	1.18E-07	1.89E-08	4.64E-04	7.04E-05	2.64E-01	7.74E-02	3.55E+00	1.84E-05	3.53E+00	3.83E+00	3.57E-01	0.00E+00	0.00E+00	3.90E-10	2.74E-01
845712501	1.69E-03	1.90E-01	-1.30E-03	1.92E-01	1.04E-05	0.00E+00	9.26E+01	1.92E-05	1.31E-04	1.64E-03	2.53E-04	1.24E+00	6.31E-08	1.94E-08	2.22E+00	1.16E-01	3.12E-04	9.11E-03	9.35E-03	1.07E-01	3.06E+00	6.34E-01	1.33E-07	1.86E-08	5.03E-04	7.62E-05	2.62E-01	7.13E-02	3.72E+00	1.50E-05	3.70E+00	4.03E+00	3.47E-01	0.00E+00	0.00E+00	3.90E-10	2.37E-01
845712503	1.87E-03	1.88E-01	-1.49E-03	1.93E-01	1.03E-05	0.00E+00	1.01E+02	2.11E-05	1.29E-04	1.63E-03	2.49E-04	1.44E+00	5.32E-08	2.68E-08	3.15E+00	1.19E-01	3.12E-04	1.09E-02	1.01E-02	1.28E-01	3.05E+00	6.24E-01	1.45E-07	1.99E-08	5.36E-04	5.87E-05	2.63E-01	4.85E-02	3.71E+00	1.75E-05	3.68E+00	4.00E+00	3.53E-01	0.00E+00	0.00E+00	3.90E-10	2.88E-01
845712505	2.02E-03	2.11E-01	-3.35E-03	2.33E-01	7.89E-06	0.00E+00	3.01E+02	3.97E-05	1.42E-04	1.99E-03	2.64E-04	1.49E+00	6.51E-08	4.04E-08	3.28E+00	1.35E-01	3.29E-04	1.64E-02	7.17E-03	1.08E-01	3.47E+00	6.13E-01	2.04E-07	1.99E-08	6.63E-04	6.94E-05	2.59E-01	8.95E-02	4.12E+00	2.35E-05	4.10E+00	4.55E+00	3.17E-01	0.00E+00	0.00E+00	3.90E-10	2.10E-01
845712507	1.66E-03	1.86E-01	-8.29E-04	1.90E-01	9.32E-06	0.00E+00	9.54E+01	1.81E-05	1.38E-04	1.65E-03	2.61E-04	1.20E+00	6.61E-08	2.14E-08	1.62E+00	1.06E-01	3.14E-04	9.30E-03	8.23E-03	1.06E-01	3.02E+00	6.41E-01	1.29E-07	1.82E-08	5.35E-04	7.62E-05	2.64E-01	6.94E-02	3.74E+00	1.47E-05	3.71E+00	4.08E+00	3.45E-01	0.00E+00	0.00E+00	3.90E-10	2.21E-01
845712509	1.07E-03	1.67E-01	-4.36E-05	1.67E-01	4.15E-06	0.00E+00	8.26E+01	6.95E-06	1.19E-04	1.35E-03	2.45E-04	7.07E-01	4.45E-08	8.23E-09	6.96E-01	2.60E-02	3.31E-04	2.96E-03	1.58E-03	8.30E-02	2.80E+00	7.64E-01	1.58E-08	1.57E-08	4.22E-04	4.22E-05	2.04E-01	6.41E-02	3.57E+00	9.85E-06	3.57E+00	3.84E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	6.79E-02
847312506	2.70E-03	2.73E-01	-1.63E-03	2.75E-01	5.70E-06	0.00E+00	3.58E+02	5.34E-05	1.93E-04	2.22E-03	2.84E-04	2.11E+00	1.35E-07	4.41E-08	4.44E+00	1.27E-01	3.69E-04	1.02E-02	6.51E-03	1.36E-01	4.28E+00	6.61E-01	5.10E-07	2.27E-08	9.01E-04	6.19E-05	4.03E-01	1.10E-01	4.91E+00	1.19E-04	4.88E+00	5.27E+00	3.56E-01	0.00E+00	0.00E+00	3.90E-10	2.04E-01
847782502	2.73E-03	2.78E-01	-3.33E-03	2.81E-01	6.58E-06	0.00E+00	3.62E+02	5.21E-05	1.69E-04	2.32E-03	2.68E-04	2.09E+00	1.42E-07	4.69E-08	4.23E+00	1.20E-01	3.38E-04	9.77E-03	6.26E-03	1.31E-01	4.26E+00	5.80E-01	2.82E-07	2.28E-08	8.10E-04	6.33E-05	4.19E-01	1.22E-01	4.75E+00	1.06E-04	4.73E+00	5.25E+00	3.66E-01	0.00E+00	0.00E+00	3.90E-10	1.97E-01
847782505	2.73E-03	2.78E-01	-3.32E-03	2.81E-01	6.48E-06	0.00E+00	3.62E+02	5.23E-05	1.69E-04	2.29E-03	2.68E-04	2.10E+00	1.43E-07	4.67E-08	4.25E+00	1.19E-01	3.39E-04	9.77E-03	6.13E-03	1.31E-01	4.29E+00	6.02E-01	2.82E-07	2.28E-08	8.11E-04	6.34E-05	4.08E-01	1.19E-01	4.77E+00	1.05E-04	4.74E+00	5.25E+00	3.38E-01	0.00E+00	0.00E+00	3.90E-10	1.90E-01
847782506	2.73E-03	2.78E-01	-3.32E-03	2.81E-01	5.99E-06	0.00E+00	3.70E+02	5.26E-05	1.69E-04	2.29E-03	2.68E-04	2.12E+00	1.43E-07	4.67E-08	4.27E+00	1.19E-01	3.39E-04	9.77E-03	6.13E-03	1.31E-01	4.26E+00	6.02E-01	2.72E-07	2.27E-08	8.11E-04	6.34E-05	4.07E-01	1.21E-01	4.76E+00	1.05E-04	4.74E+00	5.25E+00	3.38E-01	0.00E+00	0.00E+00	3.90E-10	1.90E-01
847782512	2.53E-03	2.94E-01	3.44E-03	2.97E-01	5.90E-06	0.00E+00	4.06E+02	3.88E-05	1.85E-04	2.16E-03	2.81E-04	2.12E+00	4.00E-08	4.59E-08	4.22E+00	9.56E-02	3.54E-04	5.99E-03	6.14E-03	1.42E-01	4.30E+00	6.24E-01	5.17E-07	2.26E-08	8.87E-04	6.11E-05	3.80E-01	9.97E-02	4.96E+00	1.19E-04	4.93E+00	5.31E+00	3.34E-01	0.00E+00	0.00E+00	1.65E-07	1.92E-01
847792502	2.87E-03	3.12E-01	2.56E-03	3.09E-01	7.84E-06	0.00E+00	3.79E+02	5.20E-05	1.95E-04	2.30E-03	2.81E-04	2.08E+00	1.38E-07	4.95E-08	4.24E+00	1.33E-01	3.52E-04	1.01E-02	6.36E-03	1.48E-01	4.32E+00	6.28E-01	5.07E-07	2.37E-08	9.17E-04	5.58E-05	5.52E-01	9.97E-02	4.93E+00	1.13E-04	4.93E+00	5.44E+00	3.39E-01	0.00E+00	0.00E+00	3.90E-10	1.95E-01
847792505	2.72E-03	2.93E-01	-3.23E-03	2.91E-01	6.44E-06	0.00E+00	3.91E+02	5.32E-05	1.69E-04	2.29E-03	2.68E-04	2.10E+00	1.45E-07	4.71E-08	4.18E+00	1.28E-01	3.38E-04	9.91E-03	6.33E-03	1.46E-01	4.32E+00	6.09E-01	5.22E-07	2.32E-08	8.19E-04	6.07E-05	5.23E-01	1.16E-01	4.83E+00	1.10E-04	4.80E+00	5.28E+00	3.40E-01	0.00E+00	0.00E+00	3.90E-10	1.94E-01
847792506	3.00E-03	3.09E-01	-1.54E-03	3.10E-01	5.69E-06	0.00E+00	3.96E+02	5.41E-05	2.04E-04	2.34E-03	2.84E-04	2.13E+00	1.45E-07	4.74E-08	4.27E+00	1.37E-01	3.69E-04	1.01E-02	6.43E-03	1.46E-01	4.35E+00	6.27E-01	5.14E-07	2.32E-08	9.23E-04	6.07E-05	5.44E-01	1.13E-01	4.98E+00	1.11E-04	4.96E+00	5.46E+00	3.53E-01	0.00E+00	0.00E+00	3.90E-10	2.02E-01
847792512	2.60E-03	2.91E-01	6.27E-03	2.93E-01	1.05E-05	0.00E+00	3.85E+02	3.14E-05	1.87E-04	2.15E-03	2.95E-04	2.15E+00	4.47E-08	4.38E-08	3.98E+00	9.45E-02	3.90E-04	6.27E-03	8.49E-03	1.33E-01	4.24E+00	6.63E-01	4.28E-07	2.19E-08	8.87E-04	6.02E-05	3.79E-01	1.10E-01	4.94E+00	1.16E-04	4.92E+00	5.28E+00	3.36E-01	0.00E+00	0.00E+00	1.65E-07	3.17E-01
847882506	2.63E-03	2.70E-01	-3.15E-03	2.74E-01	7.12E-06	0.00E+00	3.59E+02	5.18E-05	1.89E-04	2.21E-03	2.79E-04	2.09E+00	1.28E-07	4.43E-08	4.30E+00	1.22E-01	3.52E-04	1.03E-02	6.38E-03	1.34E-01	4.21E+00	6.43E-01	5.12E-07	2.34E-08	8.98E-04	5.58E-05	4.06E-01	1.25E-01	4.82E+00	1.20E-04	4.82E+00	5.16E+00	3.52E-01	0.00E+00	0.00E+00	3.90E-10	1.93E-01
848002502	4.47E-03	3.89E-01	-4.32E-03	3.93E-01	9.68E-06	0.00E+00	2.35E+02	5.77E-05	3.25E-04	3.50E-03	4.01E-04	2.08E+00	2.29E-07	1.19E-07	3.99E+00	2.20E-01	5.46E-04	1.15E-02	7.15E-03	1.64E-01	5.45E+00	7.28E-01	4.13E-08	2.89E-08	1.14E-03	7.26E-05	7.53E-01	2.28E-01	6.78E+00	1.16E-04	6.76E+00	7.48E+00	7.64E-01	0.00E+00	0.00E+00	3.90E-10	3.25E-01
848002503	4.54E-03	3.89E-01	-4.37E-03	3.95E-01	1.03E-05	0.00E+00	2.19E+02	5.68E-05	3.25E-04	3.51E-03	4.02E-04	2.08E+00	2.25E-07	1.32E-07	3.97E+00	2.19E-01	5.44E-04	1.18E-02	7.15E-03	1.68E-01	5.43E+00	7.31E-01	4.21E-08	2.94E-08	1.15E-03	6.96E-05	7.44E-01	2.30E-01	6.78E+00	1.17E-04	6.78E+00	7.52E+00	7.69E-01	0.00E+00	0.00E+00	3.90E-10	3.18E-01
848002504	6.60E-03	6.73E-01	-3.64E-02	6.91E-01	7.59E-06	0.00E+00	2.94E+02	5.46E-05	5.33E-04	6.56E-03	7.89E-04	2.43E+00	2.92E-07	1.36E-07	4.26E+00	2.38E-01	1.07E-03	1.34E-02	9.70E-03	3.08E-01	1.50E+01	2.04E+00	4.75E-08	4.09E-08	1.96E-03	1.14E-04	8.69E-01	1.28E+00	1.72E+01	1.29E-04	1.72E+01	1.84E+01	1.26E+00	0.00E+00	0.00E+00	3.90E-10	4.54E-01
848002505	6.22E-03	5.32E-01	-3.54E-02	5.42E-01	7.64E-06	0.00E+00	2.71E+02	5.70E-05	4.45E-04	5.09E-03	6.81E-04	2.35E+00	3.25E-07	1.35E-07	4.20E+00	2.33E-01	9.14E-04	1.22E-02	8.80E-03	2.45E-01	1.12E+01	1.61E+00	4.69E-08	3.92E-08	1.80E-03	1.01E-04	8.26E-01	1.05E+00	1.20E+01	1.22E-04	1.20E+01	1.29E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	4.28E-01
848002506	6.23E-03	5.90E-01	-3.61E-02	5.87E-01	7.62E-06	0.00E+00	2.93E+02	5.60E-05	4.51E-04	5.39E-03	7.16E-04	2.36E+00	3.21E-07	1.35E-07	4.25E+00	2.33E-01	9.62E-04	1.23E-02	9.14E-03	2.45E-01	1.44E+01	1.62E+00	4.67E-08	3.97E-08	1.82E-03	1.01E-04	8.56E-01	1.08E+00	1.49E+01	1.27E-04	1.49E+01	1.61E+01	1.15E+00	0.00E+00	0.00E+00	3.90E-10	4.38E-01
848002507	3.77E-03	2.98E-01	-2.16E-03	2.94E-01	9.23E-06	0.00E+00	2.22E+02	5.42E-05	3.21E-04	3.39E-03	3.71E-04	2.06E+00	2.23E-07	1.32E-07	4.04E+00	2.12E-01	4.91E-04	1.04E-02	6.83E-03	1.61E-01	5.38E+00	7.56E-01	3.72E-08	2.80E-08	1.14E-03	6.98E-05	7.83E-01	1.27E-01	6.75E+00	1.23E-04	6.75E+00	7.48E+00	6.10E-01	0.00E+00	0.00E+00	3.90E-10	3.07E-01
848002512	4.50E-03	3.87E-01	-4.29E-03	3.92E-01	1.31E-05	0.00E+00	2.42E+02	6.00E-05	3.27E-04	3.51E-03	4.06E-04	2.08E+00	2.26E-07	1.33E-07	4.03E+00	2.38E-01	5.50E-04	1.17E-02	7.35E-03	1.77E-01	5.55E+00	9.27E-01	9.95E-08	3.01E-08	1.18E-03	6.68E-05	7.57E-01	2.34E-01	6.73E+00	1.17E-04	6.73E+00	7.46E+00	7.74E-01	0.00E+00	0.00E+00	1.65E-07	3.27E-01
848002514	6.13E-03	5.84E-01	-3.61E-02	5.93E-01	7.46E-06	0.00E+00	2.95E+02	5.52E-05	4.46E-04	5.32E-03	7.16E-04	2.29E+00	3.11E-07	1.34E-07	4.01E+00	2.41E-01	9.61E-04	1.22E-02	8.71E-03	2.41E-01	1.40E+01	1.68E+00	5.16E-08	3.83E-08	1.76E-03	9.11E-05	8.50E-01	1.05E+00	1.48E+01	1.27E-04	1.47E+01	1.59E+01	1.18E+00	0.00E+00	0.00E+00	1.65E-07	4.20E-01
848002516	6.13E-03	5.84E-01	-3.61E-02	5.93E-01	7.46E-06	0.00E+00	2.95E+02	5.52E-05	4.46E-04	5.32E-03	7.16E-04	2.29E+00	3.11E-07	1.34E-07	4.01E+00	2.41E-01	9.61E-04	1.22E-02	8.71E-03	2.41E-01	1.40E+01	1.68E+00	5.16E-08	3.83E-08	1.76E-03	9.11E-05	8.50E-01	1.05E+00	1.48E+01	1.27E-04	1.47E+01	1.59E+01	1.18E+00	0.00E+00	0.00E+00	1.65E-07	4.20E-01
848002517	6.38E-03	6.29E-01	-3.60E-02	6.33E-01	7.42E-06	0.00E+00	3.12E+02	5.30E-05	5.29E-04	6.40E-03	7.59E-04	2.33E+00	3.02E-07	1.36E-07	3.99E+00	2.45E-01	1.03E-03	1.25E-02	8.83E-03	2.75E-01	1.36E+01	1.85E+00	5.15E-08	3.95E-08	1.86E-03	1.01E-04	8.54E-01	1.07E+00	1.49E+01	1.29E-04	1.48E+01	1.61E+01	1.20E+00	0.00E+00	0.00E+00	1.65E-07	4.36E-01
848012502	3.77E-03	3.11E-01	-1.81E-03	3.08E-01	9.82E-06	0.00E+00	2.44E+02	5.47E-05	3.23E-04	3.42E-03	3.77E-04	2.04E+00	2.26E-07	1.32E-07	3.97E+00	2.20E-01	5.20E-04	1.05E-02	6.81E-03	1.64E-01	5.57E+00	7.57E-01	9.94E-08	2.83E-08	1.14E-03	6.64E-05	7.87E-01	1.25E-01	6.93E+00	1.23E-04	6.93E+00	7.68E+00	6.36E-01	0.00E+00	0.00E+00	3.90E-10	3.09E-01
848012503	4.55E-03	3.95E-01	-4.35E-03	3.98E-01	1.12E-05	0.00E+00	1.42E+02	5.55E-05	3.29E-04	3.55E-03	4.03E-04	2.04E+00	2.29E-07	1.33E-07	3.94E+00	2.23E-01	5.44E-04	1.12E-02	7.11E-03	1.68E-01	5.62E+00	7.30E-01	1.03E-07	3.04E-08	1.15E-03	6.61E-05	7.55E-01	2.04E-01	6.97E+00	1.18E-04	6.97E+00	7.73E+00	7.86E-01	0.00E+00	0.00E+00	3.90E-10	3.16E-01
848012506	3.78E-03	3.08E-01	-1.80E-03	3.01E-01	9.44E-06	0.00E+00	2.44E+02	5.47E-05	3.24E-04	3.44E-03	3.75E-04	2.04E+00	2.27E-07	1.32E-07	3.95E+00	2.20E-01	5.05E-04	1.05E-02	6.81E-03	1.64E-01	5.56E+00	7.57E-01	9.94E-08	2.82E-08	1.14E-03	6.64E-05	7.87E-01	1.26E-01	6.93E+00	1.23E-04	6.93E+00	7.67E+00	6.36E-01	0.00E+00	0.00E+00	3.90E-10	3.07E-01
848012507	6.24E-03	6.20E-01	-3.60E-02	6.06E-01	9.37E-06	0.00E+00	2.08E+02	5.34E-05	4.45E-04	5.33E-03	7.32E-04	2.32E+00	3.12E-07	1.36E-07	4.06E+00	2.46E-01	9.84E-04	1.25E-02	9.13E-03	2.59E-01	1.42E+01	1.63E+00	5.10E-08	3.97E-08	1.82E-03	1.01E-04	8.52E-01	1.07E+00	1.48E+01	1.28E-04	1.47E+01	1.64E+01	1.18E+00	0.00E+00	0.00E+00	3.90E-10	4.28E-01

848012512	4.52E-03	3.88E-01	7.66E-04	3.92E-01	1.36E-05	0.00E+00	1.41E+02	5.97E-05	3.29E-04	3.51E-03	4.06E-04	2.06E+00	2.26E-07	1.33E-07	4.04E+00	2.39E-01	5.50E-04	1.18E-02	7.35E-03	1.77E-01	5.61E+00	9.27E-01	9.90E-08	3.04E-08	1.18E-03	6.68E-05	7.61E-01	2.36E-01	6.84E+00	1.17E-04	6.84E+00	7.60E+00	7.90E-01	0.00E+00	0.00E+00	1.65E-07	3.25E-01
848012513	6.25E-03	6.01E-01	-3.22E-02	5.99E-01	9.44E-06	0.00E+00	2.10E+02	5.36E-05	4.90E-04	6.10E-03	7.37E-04	2.30E+00	3.06E-07	1.35E-07	3.97E+00	2.43E-01	9.95E-04	1.28E-02	8.93E-03	2.66E-01	1.36E+01	1.70E+00	5.09E-08	3.91E-08	1.77E-03	9.65E-05	8.52E-01	1.07E+00	1.43E+01	1.28E-04	1.42E+01	1.58E+01	1.20E+00	0.00E+00	0.00E+00	1.65E-07	4.20E-01
848012514	6.39E-03	6.27E-01	-3.23E-02	6.30E-01	9.45E-06	0.00E+00	2.11E+02	5.29E-05	5.28E-04	6.41E-03	7.56E-04	2.30E+00	3.02E-07	1.36E-07	3.98E+00	2.44E-01	1.02E-03	1.29E-02	8.89E-03	2.74E-01	1.36E+01	1.82E+00	5.09E-08	3.93E-08	1.86E-03	1.00E-04	8.55E-01	1.07E+00	1.47E+01	1.29E-04	1.46E+01	1.62E+01	1.21E+00	0.00E+00	0.00E+00	1.65E-07	4.34E-01
848012517	6.13E-03	5.84E-01	-3.23E-02	5.93E-01	9.46E-06	0.00E+00	1.93E+02	5.50E-05	4.46E-04	5.32E-03	7.16E-04	2.27E+00	3.11E-07	1.34E-07	4.01E+00	2.40E-01	9.61E-04	1.25E-02	8.75E-03	2.41E-01	1.41E+01	1.68E+00	5.10E-08	3.83E-08	1.76E-03	8.99E-05	8.51E-01	1.05E+00	1.48E+01	1.27E-04	1.47E+01	1.61E+01	1.19E+00	0.00E+00	0.00E+00	1.65E-07	4.18E-01
848102502	6.50E-03	6.23E-01	-3.63E-02	6.22E-01	8.50E-06	0.00E+00	2.01E+02	5.55E-05	5.25E-04	6.44E-03	7.05E-04	2.39E+00	3.06E-07	1.36E-07	4.25E+00	2.13E-01	1.04E-03	1.37E-02	8.94E-03	2.85E-01	1.42E+01	2.02E+00	5.72E-08	4.03E-08	1.92E-03	1.09E-04	8.64E-01	1.22E+00	1.56E+01	1.33E-04	1.55E+01	1.67E+01	1.21E+00	0.00E+00	0.00E+00	3.90E-10	4.52E-01
848102503	3.84E-03	3.07E-01	-2.13E-03	3.04E-01	1.02E-05	0.00E+00	1.16E+02	5.21E-05	3.26E-04	3.44E-03	3.89E-04	2.05E+00	2.28E-07	1.32E-07	4.00E+00	1.94E-01	5.28E-04	1.05E-02	6.89E-03	1.61E-01	5.42E+00	7.54E-01	4.05E-08	2.82E-08	1.14E-03	6.95E-05	7.86E-01	1.31E-01	6.78E+00	1.23E-04	6.78E+00	7.52E+00	6.42E-01	0.00E+00	0.00E+00	3.90E-10	3.09E-01
848102504	6.22E-03	5.32E-01	-3.53E-02	5.42E-01	8.38E-06	0.00E+00	1.65E+02	5.52E-05	4.45E-04	5.09E-03	6.38E-04	2.32E+00	3.25E-07	1.35E-07	4.21E+00	2.08E-01	9.14E-04	1.24E-02	8.84E-03	2.44E-01	1.12E+01	1.64E+00	4.64E-08	3.92E-08	1.80E-03	9.96E-05	8.24E-01	1.05E+00	1.20E+01	1.22E-04	1.20E+01	1.29E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	4.27E-01
848102507	4.53E-03	3.86E-01	-4.42E-03	3.92E-01	1.12E-05	0.00E+00	1.07E+02	5.61E-05	3.27E-04	3.51E-03	4.01E-04	2.07E+00	2.31E-07	1.33E-07	4.09E+00	2.02E-01	5.45E-04	1.19E-02	7.40E-03	1.79E-01	5.42E+00	7.29E-01	4.15E-08	2.97E-08	1.14E-03	7.07E-05	7.46E-01	2.30E-01	6.71E+00	1.17E-04	6.71E+00	7.48E+00	7.78E-01	0.00E+00	0.00E+00	3.90E-10	3.31E-01
848112502	6.21E-03	5.52E-01	-3.54E-02	5.67E-01	9.41E-06	0.00E+00	1.89E+02	5.47E-05	4.46E-04	5.07E-03	6.38E-04	2.27E+00	3.23E-07	1.35E-07	4.05E+00	2.18E-01	9.14E-04	1.23E-02	8.64E-03	2.42E-01	1.12E+01	1.66E+00	5.13E-08	3.84E-08	1.80E-03	9.18E-05	8.23E-01	1.04E+00	1.19E+01	1.23E-04	1.19E+01	1.28E+01	1.12E+00	0.00E+00	0.00E+00	3.90E-10	4.16E-01
848112505	5.97E-03	3.84E-01	-7.44E-03	3.91E-01	1.65E-05	0.00E+00	1.55E+02	5.89E-05	3.27E-04	3.52E-03	4.48E-04	2.09E+00	2.40E-07	1.35E-07	3.97E+00	2.16E-01	6.09E-04	1.22E-02	8.27E-03	1.94E-01	6.44E+00	1.07E+00	8.01E-08	3.44E-08	1.20E-03	6.88E-05	7.73E-01	3.33E-01	7.31E+00	1.16E-04	7.31E+00	8.19E+00	7.67E-01	0.00E+00	0.00E+00	3.90E-10	3.64E-01
848112506	4.57E-03	3.80E-01	-4.59E-03	3.88E-01	1.28E-05	0.00E+00	1.36E+02	5.68E-05	3.28E-04	3.52E-03	4.05E-04	2.05E+00	2.33E-07	1.33E-07	3.98E+00	2.12E-01	5.51E-04	1.21E-02	7.52E-03	1.78E-01	5.58E+00	9.26E-01	9.85E-08	3.04E-08	1.15E-03	6.72E-05	7.54E-01	2.37E-01	6.80E+00	1.17E-04	6.80E+00	7.57E+00	8.00E-01	0.00E+00	0.00E+00	3.90E-10	3.28E-01
848112512	5.85E-03	3.82E-01	-1.75E-03	3.90E-01	1.67E-05	0.00E+00	1.59E+02	6.05E-05	3.27E-04	3.50E-03	4.48E-04	2.12E+00	2.31E-07	1.35E-07	4.02E+00	2.17E-01	6.09E-04	1.22E-02	8.41E-03	1.93E-01	6.41E+00	1.08E+00	6.95E-08	3.45E-08	1.20E-03	6.82E-05	7.71E-01	3.16E-01	7.35E+00	1.16E-04	7.35E+00	8.22E+00	7.62E-01	0.00E+00	0.00E+00	1.65E-07	3.65E-01
848112517	6.64E-03	7.23E-01	-3.25E-02	7.41E-01	9.35E-06	0.00E+00	2.12E+02	5.15E-05	5.63E-04	6.73E-03	6.70E-04	2.34E+00	2.78E-07	1.36E-07	4.10E+00	2.18E-01	1.12E-03	1.35E-02	9.50E-03	3.05E-01	1.59E+01	2.20E+00	5.33E-08	4.22E-08	2.17E-03	1.07E-04	8.65E-01	1.28E+00	1.87E+01	1.30E-04	1.87E+01	2.00E+01	1.28E+00	0.00E+00	0.00E+00	1.65E-07	4.61E-01
848202502	6.55E-03	6.37E-01	-3.63E-02	6.48E-01	8.51E-06	0.00E+00	2.01E+02	5.52E-05	5.30E-04	6.57E-03	7.18E-04	2.42E+00	2.93E-07	1.36E-07	4.29E+00	2.13E-01	1.06E-03	1.40E-02	9.47E-03	3.07E-01	1.47E+01	2.07E+00	5.78E-08	4.07E-08	1.95E-03	1.14E-04	8.70E-01	1.28E+00	1.64E+01	1.34E-04	1.64E+01	1.76E+01	1.28E+00	0.00E+00	0.00E+00	3.90E-10	4.53E-01
848202503	4.53E-03	3.86E-01	-4.45E-03	3.92E-01	1.25E-05	0.00E+00	1.05E+02	5.61E-05	3.27E-04	3.51E-03	4.02E-04	2.07E+00	2.30E-07	1.33E-07	4.08E+00	2.02E-01	5.45E-04	1.19E-02	7.41E-03	1.79E-01	5.43E+00	7.30E-01	4.16E-08	2.97E-08	1.14E-03	7.07E-05	7.46E-01	2.30E-01	6.71E+00	1.17E-04	6.71E+00	7.48E+00	7.78E-01	0.00E+00	0.00E+00	3.90E-10	3.31E-01
848202506	6.23E-03	5.86E-01	-3.60E-02	5.81E-01	8.60E-06	0.00E+00	2.00E+02	5.59E-05	4.39E-04	5.38E-03	6.75E-04	2.38E+00	3.19E-07	1.35E-07	4.22E+00	2.13E-01	9.69E-04	1.27E-02	9.01E-03	2.42E-01	1.37E+01	1.66E+00	5.35E-08	3.96E-08	1.81E-03	9.93E-05	8.56E-01	1.08E+00	1.41E+01	1.31E-04	1.41E+01	1.56E+01	1.17E+00	0.00E+00	0.00E+00	3.90E-10	4.43E-01
848212502	6.21E-03	5.52E-01	-3.54E-02	5.67E-01	9.41E-06	0.00E+00	1.89E+02	5.47E-05	4.46E-04	5.07E-03	6.38E-04	2.27E+00	3.23E-07	1.35E-07	4.05E+00	2.18E-01	9.14E-04	1.23E-02	8.64E-03	2.42E-01	1.12E+01	1.66E+00	5.13E-08	3.84E-08	1.80E-03	9.18E-05	8.23E-01	1.04E+00	1.19E+01	1.23E-04	1.19E+01	1.28E+01	1.12E+00	0.00E+00	0.00E+00	3.90E-10	4.16E-01
848212503	6.21E-03	5.52E-01	-3.54E-02	5.67E-01	9.41E-06	0.00E+00	1.89E+02	5.47E-05	4.46E-04	5.07E-03	6.38E-04	2.27E+00	3.23E-07	1.35E-07	4.05E+00	2.18E-01	9.14E-04	1.23E-02	8.64E-03	2.42E-01	1.12E+01	1.66E+00	5.13E-08	3.84E-08	1.80E-03	9.18E-05	8.23E-01	1.04E+00	1.19E+01	1.23E-04	1.19E+01	1.28E+01	1.12E+00	0.00E+00	0.00E+00	3.90E-10	4.16E-01
848212504	6.21E-03	5.52E-01	-3.54E-02	5.67E-01	9.41E-06	0.00E+00	1.89E+02	5.47E-05	4.46E-04	5.07E-03	6.38E-04	2.27E+00	3.23E-07	1.35E-07	4.05E+00	2.18E-01	9.14E-04	1.23E-02	8.64E-03	2.42E-01	1.12E+01	1.66E+00	5.13E-08	3.84E-08	1.80E-03	9.18E-05	8.23E-01	1.04E+00	1.19E+01	1.23E-04	1.19E+01	1.28E+01	1.12E+00	0.00E+00	0.00E+00	3.90E-10	4.16E-01
848212512	6.20E-03	3.88E-01	-1.51E-03	3.94E-01	2.15E-05	0.00E+00	1.58E+02	5.88E-05	3.27E-04	3.52E-03	4.74E-04	2.12E+00	2.41E-07	1.35E-07	4.22E+00	2.19E-01	6.40E-04	1.26E-02	8.59E-03	2.04E-01	6.79E+00	1.12E+00	6.98E-08	3.49E-08	1.21E-03	7.21E-05	7.79E-01	3.33E-01	8.17E+00	1.16E-04	8.17E+00	9.17E+00	8.08E-01	0.00E+00	0.00E+00	1.65E-07	3.73E-01
848212513	6.61E-03	7.20E-01	-3.23E-02	7.34E-01	9.66E-06	0.00E+00	2.26E+02	5.36E-05	5.59E-04	6.74E-03	6.66E-04	2.38E+00	2.79E-07	1.36E-07	4.17E+00	2.19E-01	1.11E-03	1.39E-02	9.40E-03	3.04E-01	1.58E+01	2.21E+00	5.29E-08	4.24E-08	2.17E-03	1.07E-04	8.68E-01	1.28E+00	1.86E+01	1.34E-04	1.85E+01	1.99E+01	1.30E+00	0.00E+00	0.00E+00	1.65E-07	4.70E-01
848212514	6.49E-03	7.11E-01	-3.24E-02	7.00E-01	9.66E-06	0.00E+00	2.25E+02	5.37E-05	5.57E-04	6.66E-03	7.21E-04	2.38E+00	2.81E-07	1.36E-07	4.20E+00	2.21E-01	1.08E-03	1.36E-02	9.39E-03	3.05E-01	1.58E+01	2.19E+00	5.13E-08	4.21E-08	2.06E-03	1.07E-04	8.72E-01	1.27E+00	1.85E+01	1.34E-04	1.85E+01	1.99E+01	1.29E+00	0.00E+00	0.00E+00	1.65E-07	4.56E-01
848302502	6.74E-03	7.19E-01	-3.63E-02	7.37E-01	8.34E-06	0.00E+00	1.87E+02	5.30E-05	5.60E-04	6.77E-03	6.70E-04	2.41E+00	2.90E-07	1.36E-07	4.37E+00	2.11E-01	1.12E-03	1.36E-02	9.98E-03	3.34E-01	1.62E+01	2.09E+00	4.92E-08	4.36E-08	2.21E-03	1.29E-04	8.68E-01	1.29E+00	1.89E+01	1.29E-04	1.88E+01	1.97E+01	1.29E+00	0.00E+00	0.00E+00	3.90E-10	4.80E-01
848302503	6.25E-03	5.87E-01	-3.61E-02	5.82E-01	8.34E-06	0.00E+00	1.87E+02	5.30E-05	4.45E-04	5.35E-03	6.86E-04	2.37E+00	3.15E-07	1.36E-07	4.18E+00	2.12E-01	9.84E-04	1.25E-02	9.26E-03	2.61E-01	1.39E+01	1.64E+00	4.60E-08	3.99E-08	1.82E-03	1.09E-04	8.55E-01	1.08E+00	1.48E+01	1.26E-04	1.48E+01	1.64E+01	1.16E+00	0.00E+00	0.00E+00	3.90E-10	4.36E-01
848312512	4.51E-03	3.88E-01	6.56E-04	3.92E-01	1.34E-05	0.00E+00	1.41E+02	5.75E-05	3.29E-04	3.52E-03	4.06E-04	2.06E+00	2.31E-07	1.33E-07	3.99E+00	2.13E-01	5.51E-04	1.19E-02	7.33E-03	1.77E-01	5.61E+00	9.26E-01	9.89E-08	3.04E-08	1.18E-03	6.68E-05	7.52E-01	2.37E-01	6.84E+00	1.17E-04	6.84E+00	7.60E+00	7.90E-01	0.00E+00	0.00E+00	1.65E-07	3.24E-01
848312514	6.13E-03	5.84E-01	-3.23E-02	5.93E-01	9.47E-06	0.00E+00	1.93E+02	5.34E-05	4.46E-04	5.32E-03	6.71E-04	2.27E+00	3.11E-07	1.34E-07	4.01E+00	2.17E-01	9.61E-04	1.24E-02	8.75E-03	2.41E-01	1.41E+01	1.71E+00	5.10E-08	3.83E-08	1.76E-03	8.99E-05	8.51E-01	1.05E+00	1.48E+01	1.27E-04	1.47E+01	1.61E+01	1.19E+00	0.00E+00	0.00E+00	1.65E-07	4.18E-01
848502506	6.22E-03	5.32E-01	-3.61E-02	5.42E-01	8.39E-06	0.00E+00	1.71E+02	5.64E-05	4.45E-04	5.09E-03	6.81E-04	2.32E+00	3.21E-07	1.35E-07	4.20E+00	2.32E-01	9.14E-04	1.26E-02	8.84E-03	2.44E-01	1.12E+01	1.61E+00	4.64E-08	3.92E-08	1.80E-03	9.96E-05	8.24E-01	1.05E+00	1.20E+01	1.22E-04	1.20E+01	1.29E+01	1.10E+00	0.00E+00	0.00E+00	3.90E-10	4.29E-01
848512506	6.21E-03	5.52E-01	-3.54E-02	5.67E-01	9.40E-06	0.00E+00	1.89E+02	5.63E-05	4.46E-04	5.07E-03	6.81E-04	2.27E+00	3.22E-07	1.35E-07	4.05E+00	2.42E-01	9.14E-04	1.24E-02	8.64E-03	2.42E-01	1.12E+01	1.64E+00	5.13E-08	3.84E-08	1.80E-03	9.18E-05	8.23E-01	1.04E+00	1.19E+01	1.24E-04	1.19E+01	1.28E+01	1.12E+00	0.00E+00	0.00E+00	3.90E-10	4.16E-01
848512512	4.52E-03	3.88E-01	7.35E-04	3.92E-01	1.36E-05	0.00E+00	1.41E+02	5.97E-05	3.29E-04	3.52E-03	4.06E-04	2.06E+00	2.26E-07	1.33E-07	4.04E+00	2.38E-01	5.50E-04	1.18E-02	7.34E-03	1.77E-01	5.61E+00	9.26E-01	9.90E-08	3.04E-08	1.18E-03	6.68E-05	7.52E-01	2.36E-01	6.84E+00	1.17E-04	6.84E+00	7.60E+00	7.90E-01	0.00E+00	0.00E+00	1.65E-07	3.24E-01
848512513	6.68E-03	7.28E-01	-3.19E-02	7.33E-01	1.03E-05	0.00E+00	2.09E+02	5.50E-05	5.57E-04	6.60E-03	7.37E-04	2.35E+00	2.80E-07	1.35E-07	4.18E+00	2.50E-01	1.10E-03	1.42E-02	1.38E-02	3.08E-01	1.51E+01	2.17E+00	5.47E-08	4.14E-08	2.14E-03	1.06E-04	8.56E-01	1.25E+00	1.81E+01	1.36E-04	1.80E+01	1.98E+01	1.28E+00	0.00E+00	0.00E+00	1.65E-07	6.94E-01
848512514	6.25E-03	6.01E-01	-3.22E-02	5.99E-01	9.44E-06	0.00E+00	2.10E+02	5.36E-05	4.90E-04	6.10E-03	7.37E-04	2.30E+00	3.06E-07	1.35E-07	3.97E+00	2.43E-01	9.95E-04	1.28E-02	8.93E-03	2.66E-01	1.36E+01	1.70E+00	5.09E-08	3.91E-08	1.77E-03	9.65E-05	8.52E-01	1.07E+00	1.43E+01	1.28E-04	1.42E+01	1.58E+01	1.20E+00	0.00E+00	0.00E+00	1.65E-07	4.20E-01
848602502	4.43E-03	3.80E-01	-5.47E-03	3.85E-01	1.50E-05	0.00E+00	1.26E+02	5.96E-05	3.22E-04	3.47E-03	4.06E-04	2.08E+00	2.33E-07	1.32E-07	4.11E+00	2.04E-01	5.51E-04	1.22E-02	7.34E-03	1.81E-01	5.41E+00	9.66E-01	4.48E-08	2.93E-08	1.18E-03	7.12E-05	7.51E-01	2.41E-01	6.67E+00	1.19E-04	6.67E+00	7.40E+00	7.43E-01	0.00E+00	0.00E+00	3.90E-10	3.20E-01
848602503	6.17E-03	5.27E-01	-3.52E-02	5.37E-01	8.62E-06	0.00E+00	1.79E+02	5.78E-05	4.29E-04	5.07E-03	6.38E-04	2.36E+00	3.27E-07	1.34E-07	4.24E+00	2.08E-01	9.14E-04	1.26E-02	8.50E-03	2.41E-01	1.11E+01	1.66E+00	5.00E-08	3.93E-08	1.79E-03	9.90E-05	8.25E-01	1.05E+00	1.19E+01	1.27E-04	1.19E+01	1.28E+01	1.11E+00	0.00E+00	0.00E+00	3.90E-10	4.29E-01
848602504	6.17E-03	5.27E-01	-3.52E-02	5.37E-01	8.62E-06	0.00E+00	1.79E+02	5.78E-05	4.29E-04	5.07E-03	6.38E-04	2.36E+00	3.27E-07	1.34E-07	4.24E+00	2.08E-01	9.14E-04	1.26E-02	8.50E-03	2.41E-01	1.11E+01	1.66E+00	5.00E-08	3.93E-08	1.79E-03	9.90E-05	8.25E-01	1.05E+00	1.19E+01	1.27E-04	1.19E+01	1.28E+01	1.11E+00	0.00E+00	0.00E+00	3.90E-10	4.29E-01
848602507	6.17E-03	5.27E-01	-3.52E-02	5.37E-01	8.62E-06	0.00E+00	1.79E+02	5.78E-05	4.29E-04	5.07E-03	6.38E-04	2.36E+00	3.27E-07	1.34E-07	4.24E+00	2.08E-01	9.14E-04	1.26E-02	8.50E-03	2.41E-01	1.11E+01	1.66E+00	5.00E-08	3.93E-08	1.79E-03	9.90E-05	8.25E-01	1.05E+00	1.19E+01	1.27E-04	1.19E+01	1.28E+01	1.11E+00	0.00E+00	0.00E+00	3.90E-10	4.29E-01
848602512	6.08E-03	5.78E-01	-3.59E-02	5.85E-01	8.37E-06	0.00E+00	2.06E+02	5.58E-05	4.34E-04	5.31E-03	6.71E-04	2.30E+00	3.12E-07	1.34E-07	4.11E+00	2.16E-01	9.61E-04	1.26E-02	8.64E-03	2.36E-01	1.39E+01	1.72E+00	5.08E-08	3.82E-08	1.75E-03	8.93E-05	8.51E-01	1.05E+00	1.46E+01	1.32E-04	1.45E+01	1.58E+01	1.20E+00	0.00E+00	0.00E+00	1.65E-07	4.33E-01
848612517	6.69E-03	7.49E-01	-3.23E-02	7.69E-01	9.64E-06	0.00E+00	2.26E+02	5.35E-05	6.17E-04	6.99E-03	6.90E-04	2.38E+00	2.79E-07	1.36E-07	4.21E+00	2.19E-01	1.16E-03	1.40E-02	9.51E-03	3.03E-01	1.59E+01	2.21E+00	5.30E-08	4.26E-08	2.24E-03	1.08E-04	8.70E-01	1.28E+00	1.87E+01	1.34E-04	1.86E+01	2.00E+01	1.32E+00	0.00E+00	0.00E+00	1.65E-07	4.71E-01
848702502	4.44E-03	3.92E-01	-4.16E-03	3.94E-01	1.09E-05	0.00E+00	1.27E+02	5.85E-05	3.23E-04	3.51E-03	4.01E-04	2.08E+00	2.35E-07	1.32E-07	4.05E+00	1.95E-01	5.44E-04	1.20E-02	6.99E-03	1.69E-01	5.44E+00	7.53E-01	5.19E-08	2.94E-08	1.18E-03	7.00E-05	7.44E-01	2.35E-01	6.79E+00	1.19E-04	6.79E+00	7.50E+00	7.54E-01	0.00E+00	0.00E+00	3.90E-10	3.06E-01
848702503	3.76E-03	3.09E-01	-4.26E-03	3.03E-01	1.02E-05	0.00E+00	1.33E+02	5.67E-05	3.22E-04	3.44E-03	3.89E-04	2.07E+00	2.35E-07	1.32E-07	4.10E+00	1.96E-01	5.25E-04	1.10E-02	6.91E-03	1.61E-01	5.38E+00	7.48E-01	4.05E-08	2.81E-08	1.15E-03	7.01E-05	7.28E-01	2.04E-01	6.67E+00	1.20E-04	6.67E+00	7.44E+00	7.01E-01	0.00E+00	0.00E+00	3.90E-10	3.02E-01
848702504	3.83E-03	3.13E-01	-4.24E-03	3.07E-01	1.07E-05	0.00E+00	1.31E+02	5.84E-05	3.22E-04	3.45E-03	3.90E-04	2.07E+00	2.35E-07	1.32E-07	4.05E+00	1.97E-01	5.28E-04	1.16E-02	6.92E-03	1.62E-01	5.38E+00	7.50E-01	4.52E-08	2.81E-08	1.15E-03	6.98E-05	7.29E-01	2.32E-01	6.67E+00	1.18E-04	6.67E+00	7.43E+00	7.06E-01	0.00E+00	0.00E+00	3.90E-10	3.04E-01
848712502	6.22E-03	6.14E-01	-3.60E-02	5.98E-01	9.72E-06	0.00E+00	2.22E+02	5.50E-05	4.38E-04	5.36E-03	6.78E-04	2.34E+00	3.16E-07	1.35E-07	4.09E+00	2.20E-01	9.73E-04	1.26E-02	8.84E-03	2.52E-01	1.37E+01	1.68E+00	6.21E-08	3.88E-08	1.81E-03	9.77E-05	8.55E-01	1.07E+00	1.40E+01	1.32E-04	1.39E+01	1.55E+01	1.20E+00	0.00E+00	0.00E+00	3.90E-10	4.35E-01
848712503	4.42E-03	3.84E-01	-5.56E-03	3.90E-01	1.27E-05	0.00E+00	1.56E+02	6.03E-05	3.24E-04	3.53E-03	4.05E-04	2.07E+00	2.36E-07	1.32E-07	4.04E+00	2.13E-01	5.51E-04	1.22E-02	7.35E-03	1.79E-01	5.60E+00	9.45E-01	1.07E-07	2.98E-08	1.19E-03	6.76E-05	7.51E-01	2.46E-01	6.82E+00	1.19E-04	6.82E+00	7.59E+00	7.68E-01	0.00E+00	0.00E+00	3.90E-10	3.18E-01
848712504	6.20E-03	5.48E-01	-3.52E-02	5.61E-01	9.74E-06	0.00E+00	2.01E+02	5.75E-05	4.30E-04	5.06E-03	6.38E-04	2.31E+00	3.24E-07	1.34E-07	4.11E+00	2.17E-01	9.14E-04	1.25E-02	8.33E-03	2.38E-01	1.12E+01	1.68E+00	6.22E-08	3.83E-08	1.79E-03	9.16E-05	8.25E-01	1.04E+00	1.18E+01	1.28E-04	1.18E+01	1.27E+01	1.13E+00	0.00E+00	0.00E+00	3.90E-10	4.23E-01
848712505	6.18E-03	5.49E-01	-3.52E-02	5.61E-01	9.74E-06	0.00E+00	2.01E+02	5.75E-05	4.30E-04	5.06E-03	6.38E-04	2.30E+00	3.24E-07	1.35E-07	4.09E+00	2.17E-01	9.14E-04	1.25E-02	8.34E-03	2.38E-01	1.12E+01	1.67E+00	5.56E-08	3.83E-08	1.80E-03	9.16E-05	8.25E-01	1.04E+00	1.18E+01	1.28E-04	1.18E+01	1.27E+01	1.13E+00	0.00E+00	0.00E+00	3.90E-10	4.23E-01
848712512	6.69E-03	7.43E-01	-3.23E-02	7.65E-01	9.64E-06	0.00E+00	2.26E+02	5.38E-05	5.84E-04	6.88E-03	6.85E-04	2.38E+00	2.79E-07	1.36E-07	4.15E+00	2.19E-01	1.14E-03	1.40E-02	9.50E-03	3.01E-01	1.59E+01	2.20E+00	5.66E-08	4.26E-08	2.22E-03	1.07E-04	8.68E-01	1.28E+00	1.87E+01	1.34E-04	1.86E+01	2.00E+01	1.32E+00	0.00E+00	0.00E+00	1.65E-07	4.71E-01
848712513	6.09E-03	5.78E-01	-3.22E-02	5.85E-01	9.77E-06	0.00E+00	2.07E+02	5.60E-05	4.34E-04	5.31E-03	6.71E-04	2.30E+00	3.12E-07	1.34E-07	4.06E+00	2.16E-01	9.61E-04	1.26E-02	8.64E-03	2.36E-01	1.39E+01	1.72E+00	5.45E-08	3.82E-08	1.75E-03	8.93E-05	8.54E-01	1.05E+00	1.46E+01	1.32E-04	1.45E+01	1.60E+01	1.21E+00	0.00E+00	0.00E+00	1.65E-07	4.33E-01
848712514	4.32E-03	3.96E-01	9.34E-04	3.98E-01	1.11E-05	0.00E+00	1.66E+02	5.70E-05	3.26E-04	3.53E-03	4.02E-04	2.06E+00	2.35E-07	1.32E-07	4.01E+00	2.03E-01	5.44E-04	1.11E-02	6.98E-03	1.69E-01	5.65E+00	7.54E-01	1.03E-07	3.02E-08	1.19E-03	6.63E-05	7.52E-01	2.07E-01	6.98E+00	1.19E-04	6.98E+00	7.73E+00	7.31E-01	0.00E+00	0.00E+00	1.65E-07	3.06E-01
848812502	6.17E-03	5.48E-01	-3.52E-02	5.61E-01	9.76E-06	0.00E+00	2.02E+02	5.75E-05	4.29E-04	5.06E-03	6.38E-04	2.31E+00	3.24E-07	1.34E-07	4.10E+00	2.17E-01	9.14E-04	1.25E-02	8.33E-03	2.38E-01	1.12E+01	1.68E+00	5.49E-08	3.83E-08	1.79E-03	9.12E-05	8.24E-01	1.04E+00	1.18E+01	1.28E-04	1.18E+01	1.27E+01	1.13E+00	0.00E+00	0.00E+00	3.90E-10	4.23E-01
8618505	3.30E-03	2.75E-01	-4.77E-03	2.83E-01	2.77E-05	0.00E+00	3.65E+02	6.19E-05	2.25E-04	2.54E-03	3.08E-04	1.58E+00	2.17E-07	3.74E-08	3.45E+00	1.54E-01	4.05E-04	1.09E-02	6.14E-03	1.03E-01	4.42E+00	7.02E-01	5.66E-07	2.17E-08	9.24E-04	5.01E-05	2.71E-01	1.39E-01	5.30E+00	2.38E-05	5.30E+00	5.70E+00	3.68E-01	0.00E+00	0.00E+00	3.90E-10	2.66E-01
861852501	3.25E-03	2.93E-01	2.56E-03	2.94E-01	2.79E-05	0.00E+00	3.62E+02	6.28E-05	2.17E-04	2.45E-03	2.98E-04	1.58E+00	2.01E-07	3.82E-08	3.53E+00	1.54E-01	3.92E-04	1.05E-02	6.06E-03	1.01E-01	4.30E+00	7.02E-01	5.14E-07	2.15E-08	9.02E-04	5.01E-05	2.71E-01	1.10E-01	5.14E+00	2.36E-05	5.14E+00	5.55E+00	3.57E-01	0.00E+00	0.00E+00	3.90E-10	2.62E-01
861852502	3.32E-03	2.76E-01	-4.75E-03	2.84E-01	2.79E-05	0.00E+00	3.65E+02	6.16E-05	2.27E-04	2.56E-03	3.04E-04	1.59E+00	2.17E-07	3.77E-08	3.47E+00	1.55E-01	4.05E-04	1.05E-02	6.13E-03	1.06E-01	4.46E+00	6.98E-01	5.28E-07	2.18E-08	9.24E-04	5.01E-05	2.71E-01	1.31E-01	5.29E+00	2.35E-05	5.29E+00	5.69E+00	3.69E-01	0.00E+00	0.00E+00	3.90E-10	2.66E-01
861852505	3.32E-03	2.76E-01	-4.76E-03	2.84E-01	2.74E-05	0.00E+00	3.56E+02	5.97E-05	2.27E-04	2.56E-03	3.03E-04	1.68E+00	2.15E-07	3.78E-08	3.55E+00	1.54E-01	4.03E-04	1.05E-02	6.07E-03	1.07E-01	4.51E+00	6.98E-01	5.32E-07	2.18E-08	9.25E-04	5.08E-05	2.75E-01	1.31E-01	5.29E+00	2.46E-05	5.29E+00	5.68E+00	3.69E-01	0.00E+00	0.00E+00	3.90E-10	2.64E-01
8619505	4.07E-03	3.85E-01	-8.55E-03	3.98E-01	2.87E-05	0.00E+00	3.65E+02	6.14E-05	3.09E-04	3.33E-03	4.04E-04	1.67E+00	2.24E-07	4.07E-08	3.54E+00	1.58E-01	5.45E-04	1.19E-02	6.78E-03	1.43E-01	5.54E+00	7.43E-01	7.40E-07	2.65E-08	1.18E-03	5.77E-05	3.53E-01	3.44E-01	6.81E+00	2.55E-05	6.81E+00	7.64E+00	7.06E-01	0.00E+00	0.00E+00	3.90E-10	3.21E-01
861952502	3.28E-03	3.21E-01	3.05E-03	3.20E-01	2.71E-05	0.00E+00	3.67E+02	5.77E-05	2.33E-04	2.56E-03	3.03E-04	1.66E+00	2.20E-07	3.79E-08	3.38E+00	1.54E-01	4.01E-04	1.06E-02	6.34E-03	1.27E-01	4.54E+00	7.22E-01	7.63E-07	2.21E-08	9.33E-04	5.02E-05	2.80E-01	1.12E-01	5.42E+00	2.44E-05	5.42E+00	5.77E+00	3.71E-01	0.00E+00	0.00E+00	3.90E-10	2.68E-01
861952505	3.29E-03	3.17E-01	1.22E-03	3.18E-01	2.71E-05	0.00E+00	3.67E+02	5.64E-05	2.26E-04	2.56E-03	3.03E-04	1.66E+00	2.21E-07	3.79E-08	3.38E+00	1.54E-01	4.00E-04	1.05E-02	6.32E-03	1.25E-01	4.54E+00	7.22E-01	7.63E-07	2.22E-08	9.31E-04	5.02E-05	2.80E-01	1.18E-01	5.42E+00	2.47E-05	5.42E+00	5.77E+00	3.71E-01	0.00E+00	0.00E+00	3.90E-10	2.68E-01
861952506	3.29E-03	3.17E-01	1.84E-03	3.18E-01	2.76E-05	0.00E+00	3.71E+02	6.26E-05	2.26E-04	2.56E-03	3.03E-04	1.58E+00	2.22E-07	3.78E-08	3.32E+00	1.55E-01	4.02E-04	1.05E-02	6.32E-03	1.24E-01	4.49E+00	7.22E-01	7.74E-07	2.21E-08	9.31E-04	4.98E-05	2.75E-01	1.18E-01	5.42E+00	2.36E-05	5.42E+00	5.77E+00	3.71E-01	0.00E+00	0.00E+00	3.90E-10	2.68E-01
8624900	2.20E-03	2.30E-01	9.88E-04	2.23E-01	1.22E-05	0.00E+00	2.77E+02	4.47E-05	1.49E-04	1.77E-03	2.36E-04	1.87E+00	8.90E-08	3.96E-08	3.58E+00	1.44E-01	3.17E-04	9.03E-03	7.44E-03	9.26E-02	3.82E+00	6.41E-01	1.96E-07	2.07E-08	5.52E-04	4.47E-05	2.59E-01	8.47E-02	4.16E+00	5.20E-05	4.16E+00	4.32E+00	3.34E-01	0.00E+00	0.00E+00	3.90E-10	2.55E-01
8624905	3.09E-03	2.89E-01	-4.04E-03	2.88E-01	1.28E-06	0.00E+00	2.90E+02	4.44E-05	2.68E-04	2.85E-03	3.84E-04	1.25E+00	1.37E-07	3.79E-08	3.29E+00	1.48E-01	5.22E-04	1.01E-02	6.57E-03	1.10E-01	5.60E+00	7.01E-01	3.76E-08	2.36E-08	1.11E-03	5.61E-05	3.17E-01	2.05E-01	6.58E+00	2.21E-05	6.58E+00	6.86E+00	6.23E-01	0.00E+00	0.00E+00	3.90E-10	2.94E-01
862492502	3.01E-03	2.77E-01	-3.98E-03	2.81E-01	1.28E-06	0.00E+00	2.87E+02	4.41E-05	2.63E-04	2.75E-03	3.71E-04	9.58E-01	1.37E-07	3.64E-08	3.31E+00	1.47E-01	4.92E-04	9.37E-03	6.43E-03	1.11E-01	5.57E+00	7.02E-01	3.33E-08	2.29E-08	1.11E-03	5.62E-05	3.14E-01	1.43E-01	6.61E+00	1.95E-05	6.61E+00	6.83E+00	5.56E-01	0.00E+00	0.00E+00	3.90E-10	2.90E-01
862492505	3.12E-03	2.93E-01	-4.04E-03	2.91E-01	1.28E-06	0.00E+00	2.90E+02	4.43E-05	2.68E-04	2.85E-03	3.85E-04	1.26E+00	1.37E-07	3.81E-08	3.29E+00	1.49E-01	5.24E-04	1.01E-02	6.57E-03	1.10E-01	5.60E+00	7.01E-01	3.76E-08	2.38E-08	1.11E-03	5.54E-05	3.18E-01	2.08E-01	6.57E+00	2.27E-05	6.57E+00	6.86E+00	5.95E-01	0.00E+00	0.00E+00	3.90E-10	2.94E-01
862572502	2.86E-03	2.82E-01	-1.72E-04	2.83E-01	1.63E-06	0.00E+00	3.64E+02	6.77E-05	2.12E-04	2.42E-03	3.39E-04	1.87E+00	1.91E-07	4.50E-08	3.76E+00	1.75E-01	4.53E-04	1.22E-02	6.26E-03	1.12E-01	5.10E+00	7.12E-01	1.82E-07	2.20E-08	1.05E-03	5.66E-05	3.02E-01	2.26E-01	6.01E+00	3.23E-05	6.01E+00	6.51E+00	5.00E-01	0.00E+00	0.00E+00	3.90E-10	2.62E-01
862572505	2.85E-03	2.78E-01	-1.26E-05	2.82E-01	1.57E-06	0.00E+00	3.64E+02	6.77E-05	2.08E-04	2.41E-03	3.31E-04	1.87E+00	1.92E-07	4.50E-08	3.75E+00	1.73E-01	4.43E-04	1.22E-02	6.26E-03	9.99E-02	4.56E+00	6.80E-01	1.82E-07	2.20E-08	8.78E-04	4.80E-05	3.02E-01	2.26E-01	5.24E+00	3.23E-05	5.24E+00	5.69E+00	4.99E-01	0.00E+00	0.00E+00	3.90E-10	2.63E-01
8625900	2.51E-03	2.36E-01	2.27E-03	2.15E-01	6.76E-06	0.00E+00	2.88E+02	5.58E-05	1.53E-04	1.73E-03	2.31E-04	1.11E+00	2.13E-07	1.27E-07	3.91E+00	2.14E-01	3.14E-04	1.06E-02	7.97E-03	1.02E-01	3.92E+00	6.19E-01	1.06E-07	2.28E-08	5.80E-04	4.15E-05	5.28E-01	5.11E-02	4.19E+00	3.88E-05	4.19E+00	4.17E+00	3.18E-01	0.00E+00	0.00E+00	3.90E-10	3.21E-01
862622502	5.15E-03	4.87E-01	-8.73E-04	4.99E-01	3.93E-05	0.00E+00	4.51E+02	6.45E-05	2.70E-04	3.00E-03	4.46E-04	1.82E+00	2.16E-07	5.89E-08	4.94E+00	4.20E-01	5.99E-04	1.26E-02	9.08E-03	2.50E-01	6.21E+00	1.05E+00	7.14E-08	3.22E-08	1.16E-03	9.98E-05	4.50E-01	2.18E-01	6.95E+00	3.96E-05	6.95E+00	7.48E+00	6.53E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01
862622505	4.39E-03	6.01E-01	2.12E-03	5.99E-01	4.47E-08	0.00E+00	2.72E+02	6.39E-05	3.24E-04	3.47E-03	4.34E-04	1.98E+00	2.96E-07	5.81E-08	5.88E+00	1.49E-01	5.88E-04	9.13E-03	9.31E-03	1.47E-01	6.30E+00	1.05E+00	3.55E-06	2.85E-08	1.31E-03	5.43E-05	4.28E-01	1.63E-01	7.35E+00	2.83E-05	7.35E+00	7.94E+00	5.90E-01	0.00E+00	0.00E+00	0.00E+00	4.00E-01
862622506	5.22E-03	4.80E-01	-1.11E-03	4.94E-01	3.90E-05	0.00E+00	4.48E+02	6.38E-05	2.69E-04	3.00E-03	4.36E-04	1.85E+00	2.12E-07	5.94E-08	4.53E+00	4.20E-01	5.86E-04	1.23E-02	8.90E-03	2.42E-01	5.33E+00	1.02E+00	6.89E-08	3.37E-08	1.17E-03	9.71E-05	4.38E-01	2.13E-01	6.44E+00	4.15E-05	6.44E+00	6.92E+00	6.54E-01	0.00E+00	0.00E+00	3.90E-10	3.83E-01
8627205	3.22E-03	3.17E-01	3.01E-03	3.14E-01	4.93E-06	0.00E+00	3.64E+02	5.72E-05	2.14E-04	2.40E-03	2.96E-04	1.71E+00	2.10E-07	3.87E-08	3.45E+00	1.59E-01	3.93E-04	1.13E-02	8.14E-03	1.21E-01	4.36E+00	7.11E-01	7.62E-07	2.17E-08	9.13E-04	4.89E-05	2.80E-01	1.04E-01	5.03E+00	2.84E-05	5.03E+00	5.45E+00	3.55E-01	0.00E+00	0.00E+00	3.90E-10	3.55E-01
863012502	4.46E-03	3.87E-01	-4.45E-03	3.92E-01	1.16E-05	0.00E+00	1.47E+02	5.90E-05	3.28E-04	3.51E-03	4.06E-04	1.87E+00	2.23E-07	1.31E-07	4.10E+00	2.35E-01	5.50E-04	1.14E-02	7.43E-03	1.72E-01	5.58E+00	9.24E-01	2.56E-07	2.92E-08	1.16E-03	6.65E-05	6.59E-01	2.38E-01	6.78E+00	4.75E-05	6.78E+00	7.55E+00	7.58E-01	0.00E+00	0.00E+00	3.90E-10	3.26E-01
863012505	5.83E-03	5.99E-01	-3.63E-02	5.97E-01	8.61E-06	0.00E+00	1.99E+02	5.50E-05	4.29E-04	4.89E-03	7.16E-04	2.09E+00	3.14E-07	1.34E-07	4.16E+00	2.39E-01	9.61E-04	1.15E-02	9.16E-03	2.34E-01	1.48E+01	1.64E+00	2.07E-07	3.69E-08	1.76E-03	9.10E-05	7.65E-01	1.05E+00	1.49E+01	8.55E-05	1.48E+01	1.60E+01	1.15E+00	0.00E+00	0.00E+00	3.90E-10	4.16E-01
863012512	6.62E-03	8.32E-01	-3.24E-02	8.16E-01	8.89E-06	0.00E+00	2.34E+02	5.41E-05	6.43E-04	7.04E-03	8.03E-04	2.22E+00	2.75E-07	1.35E-07	4.17E+00	2.38E-01	1.20E-03	1.30E-02	9.81E-03	3.06E-01	1.61E+01	2.35E+00	2.17E-07	4.15E-08	2.64E-03	1.16E-04	7.82E-01	1.28E+00	1.89E+01	9.05E-05	1.88E+01	2.01E+01	1.40E+00	0.00E+00	0.00E+00	1.65E-07	4.75E-01
863012513	4.39E-03	3.98E-01	6.98E-04	4.03E-01	1.10E-05	0.00E+00	1.51E+02	5.56E-05	3.30E-04	3.53E-03	4.03E-04	1.85E+00	2.21E-07	1.31E-07	3.99E+00	2.21E-01	5.44E-04	9.58E-03	6.67E-03	1.66E-01	5.66E+00	7.50E-01	2.60E-07	2.92E-08	1.20E-03	6.48E-05	6.94E-01	1.46E-01	7.00E+00	4.80E-05	7.00E+00	7.74E+00	6.87E-01	0.00E+00	0.00E+00	1.65E-07	3.02E-01
863012514	6.37E-03	7.14E-01	-3.26E-02	7.60E-01	8.56E-06	0.00E+00	2.18E+02	5.22E-05	5.76E-04	6.43E-03	7.83E-04	2.14E+00	2.73E-07	1.34E-07	4.15E+00	2.37E-01	1.14E-03	1.28E-02	9.77E-03	2.92E-01	1.62E+01	2.17E+00	2.09E-07	4.04E-08	2.15E-03	1.07E-04	7.69E-01	1.28E+00	1.89E+01	8.58E-05	1.89E+01	2.01E+01	1.27E+00	0.00E+00	0.00E+00	1.65E-07	4.55E-01
863012515	5.82E-03	5.71E-01	-3.23E-02	5.90E-01	8.68E-06	0.00E+00	2.16E+02	5.40E-05	4.69E-04	5.72E-03	7.53E-04	2.07E+00	3.05E-07	1.33E-07	4.10E+00	2.44E-01	1.01E-03	1.19E-02	9.00E-03	2.62E-01	1.37E+01	1.74E+00	2.07E-07	3.72E-08	1.73E-03	9.55E-05	7.67E-01	1.07E+00	1.46E+01	8.54E-05	1.45E+01	1.61E+01	1.17E+00	0.00E+00	0.00E+00	1.65E-07	4.15E-01
863012517	4.39E-03	3.89E-01	7.15E-04	3.96E-01	1.15E-05	0.00E+00	1.51E+02	5.78E-05	3.29E-04	3.52E-03	4.06E-04	1.86E+00	2.21E-07	1.31E-07	4.11E+00	2.33E-01	5.50E-04	9.61E-03	7.17E-03	1.71E-01	5.64E+00	9.31E-01	2.55E-07	2.93E-08	1.19E-03	6.59E-05	6.95E-01	1.58E-01	6.89E+00	4.80E-05	6.89E+00	7.62E+00	7.00E-01	0.00E+00	0.00E+00	1.65E-07	3.21E-01
863512502	5.83E-03	5.99E-01	-3.63E-02	5.97E-01	8.61E-06	0.00E+00	1.99E+02	5.50E-05	4.29E-04	4.89E-03	7.16E-04	2.09E+00	3.14E-07	1.34E-07	4.16E+00	2.39E-01	9.61E-04	1.15E-02	9.16E-03	2.34E-01	1.48E+01	1.64E+00	2.07E-07	3.69E-08	1.76E-03	9.10E-05	7.65E-01	1.05E+00	1.49E+01	8.55E-05	1.48E+01	1.60E+01	1.15E+00	0.00E+00	0.00E+00	3.90E-10	4.16E-01
863512503	5.83E-03	5.99E-01	-3.63E-02	5.97E-01	8.61E-06	0.00E+00	1.99E+02	5.50E-05	4.29E-04	4.89E-03	7.16E-04	2.09E+00	3.14E-07	1.34E-07	4.16E+00	2.39E-01	9.61E-04	1.15E-02	9.16E-03	2.34E-01	1.48E+01	1.64E+00	2.07E-07	3.69E-08	1.76E-03	9.10E-05	7.65E-01	1.05E+00	1.49E+01	8.55E-05	1.48E+01	1.60E+01	1.15E+00	0.00E+00	0.00E+00	3.90E-10	4.16E-01
863512504	4.47E-03	3.93E-01	-4.48E-03	3.98E-01	1.10E-05	0.00E+00	1.51E+02	5.56E-05	3.29E-04	3.52E-03	4.03E-04	1.85E+00	2.24E-07	1.31E-07	4.00E+00	2.21E-01	5.44E-04	1.06E-02	7.03E-03	1.62E-01	5.61E+00	7.30E-01	2.61E-07	2.93E-08	1.16E-03	6.54E-05	6.61E-01	2.09E-01	6.94E+00	4.77E-05	6.94E+00	7.71E+00	7.63E-01	0.00E+00	0.00E+00	3.90E-10	3.14E-01
9418505	3.14E-03	2.55E-01	-1.25E-02	2.67E-01	3.39E-08	0.00E+00	3.53E+02	6.84E-05	2.33E-04	2.52E-03	3.73E-04	1.53E+00	2.26E-07	3.58E-08	3.52E+00	1.93E-01	5.06E-04	1.04E-02	6.46E-03	9.48E-02	4.24E+00	6.88E-01	4.31E-08	2.08E-08	9.02E-04	3.32E-05	1.78E-01	2.98E-01	4.93E+00	2.30E-05	4.93E+00	5.41E+00	4.76E-01	0.00E+00	0.00E+00	0.00E+00	2.77E-01
9418525	3.32E-03	2.91E-01	-1.42E-02	2.86E-01	4.77E-07	0.00E+00	3.67E+02	6.67E-05	2.41E-04	2.65E-03	3.88E-04	1.65E+00	2.24E-07	3.86E-08	3.59E+00	1.93E-01	5.27E-04	1.01E-02	6.72E-03	1.01E-01	4.79E+00	7.01E-01	5.09E-08	2.22E-08	9.43E-04	5.10E-05	2.96E-01	3.12E-01	5.43E+00	2.60E-05	5.43E+00	5.94E+00	6.18E-01	0.00E+00	0.00E+00	3.90E-10	3.08E-01
941852501	3.32E-03	2.86E-01	-1.32E-02	2.86E-01	2.68E-07	0.00E+00	3.54E+02	6.72E-05	2.41E-04	2.65E-03	3.84E-04	1.57E+00	2.23E-07	3.83E-08	3.54E+00	1.95E-01	5.33E-04	1.03E-02	6.72E-03	9.94E-02	4.72E+00	7.02E-01	5.83E-08	2.20E-08	9.43E-04	5.10E-05	2.82E-01	3.10E-01	5.43E+00	2.48E-05	5.43E+00	5.94E+00	6.18E-01	0.00E+00	0.00E+00	3.90E-10	2.97E-01
941852502	3.28E-03	2.74E-01	-1.50E-02	2.89E-01	3.39E-08	0.00E+00	3.53E+02	6.84E-05	2.51E-04	2.75E-03	3.88E-04	1.53E+00	2.26E-07	3.59E-08	3.55E+00	1.93E-01	5.25E-04	1.04E-02	6.55E-03	1.00E-01	4.65E+00	6.89E-01	4.39E-08	2.17E-08	9.61E-04	3.54E-05	2.35E-01	3.30E-01	5.34E+00	2.30E-05	5.34E+00	5.90E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	2.81E-01
941852505	3.30E-03	2.76E-01	-1.50E-02	2.91E-01	3.39E-08	0.00E+00	3.53E+02	6.84E-05	2.52E-04	2.77E-03	3.88E-04	1.53E+00	2.26E-07	3.59E-08	3.55E+00	1.93E-01	5.25E-04	1.04E-02	6.55E-03	1.01E-01	4.68E+00	6.89E-01	4.40E-08	2.18E-08	9.67E-04	3.55E-05	2.35E-01	3.30E-01	5.37E+00	2.30E-05	5.37E+00	5.93E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	2.81E-01
941852506	3.27E-03	2.82E-01	-1.06E-02	2.85E-01	3.58E-07	0.00E+00	3.53E+02	6.22E-05	2.42E-04	2.64E-03	3.82E-04	1.56E+00	2.23E-07	3.72E-08	3.47E+00	1.94E-01	5.27E-04	1.04E-02	6.67E-03	9.87E-02	4.73E+00	7.02E-01	5.81E-08	2.20E-08	9.41E-04	5.12E-05	2.79E-01	2.44E-01	5.34E+00	2.48E-05	5.34E+00	5.86E+00	6.06E-01	0.00E+00	0.00E+00	3.90E-10	2.94E-01
9419505	3.59E-03	3.78E-01	-1.40E-02	3.92E-01	3.39E-08	0.00E+00	3.75E+02	6.88E-05	2.94E-04	3.22E-03	4.02E-04	1.53E+00	2.26E-07	3.80E-08	3.55E+00	1.97E-01	5.45E-04	1.04E-02	6.80E-03	1.49E-01	5.46E+00	7.37E-01	7.83E-07	2.38E-08	1.11E-03	6.24E-05	2.90E-01	3.31E-01	6.20E+00	2.30E-05	6.20E+00	6.82E+00	6.21E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-01
941952501	3.46E-03	3.21E-01	-1.29E-02	3.13E-01	5.25E-07	0.00E+00	3.66E+02	6.23E-05	2.89E-04	3.15E-03	3.93E-04	1.67E+00	2.27E-07	3.87E-08	3.39E+00	1.85E-01	5.34E-04	1.07E-02	6.78E-03	1.27E-01	5.30E+00	7.25E-01	7.49E-07	2.33E-08	1.04E-03	5.44E-05	3.03E-01	3.15E-01	6.03E+00	2.42E-05	6.03E+00	6.77E+00	6.87E-01	0.00E+00	0.00E+00	3.90E-10	2.98E-01

941952502	3.59E-03	3.77E-01	-1.40E-02	3.91E-01	3.39E-08	0.00E+00	3.75E+02	6.88E-05	2.93E-04	3.21E-03	4.02E-04	1.53E+00	2.26E-07	3.80E-08	3.55E+00	1.97E-01	5.45E-04	1.04E-02	6.80E-03	1.49E-01	5.46E+00	7.37E-01	7.83E-07	2.37E-08	1.10E-03	6.23E-05	2.90E-01	3.31E-01	6.20E+00	2.30E-05	6.20E+00	6.82E+00	6.21E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-01
941952505	3.59E-03	3.78E-01	-1.40E-02	3.92E-01	3.39E-08	0.00E+00	3.75E+02	6.88E-05	2.93E-04	3.21E-03	4.02E-04	1.53E+00	2.26E-07	3.80E-08	3.55E+00	1.97E-01	5.45E-04	1.04E-02	6.80E-03	1.49E-01	5.46E+00	7.37E-01	7.83E-07	2.37E-08	1.10E-03	6.23E-05	2.90E-01	3.31E-01	6.20E+00	2.30E-05	6.20E+00	6.82E+00	6.21E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-01
941952506	3.67E-03	3.75E-01	-1.40E-02	3.89E-01	3.39E-08	0.00E+00	3.29E+02	6.83E-05	3.00E-04	3.27E-03	4.02E-04	1.54E+00	2.26E-07	3.77E-08	3.55E+00	1.97E-01	5.45E-04	1.04E-02	6.91E-03	1.49E-01	5.41E+00	7.16E-01	7.84E-07	2.41E-08	1.12E-03	6.27E-05	2.90E-01	3.31E-01	6.13E+00	2.30E-05	6.13E+00	6.75E+00	6.21E-01	0.00E+00	0.00E+00	0.00E+00	2.97E-01
9419605	3.28E-03	2.65E-01	-9.76E-03	2.71E-01	4.46E-07	0.00E+00	3.62E+02	5.91E-05	2.33E-04	2.65E-03	3.61E-04	1.61E+00	2.23E-07	3.51E-08	3.19E+00	1.90E-01	4.80E-04	1.01E-02	6.20E-03	1.03E-01	4.74E+00	7.09E-01	5.07E-08	2.14E-08	9.88E-04	5.26E-05	2.92E-01	1.34E-01	5.38E+00	2.65E-05	5.38E+00	5.81E+00	4.85E-01	0.00E+00	0.00E+00	3.90E-10	2.67E-01
9419609	5.13E-03	4.94E-01	-3.62E-02	5.09E-01	7.70E-07	0.00E+00	3.68E+02	5.30E-05	3.92E-04	4.23E-03	6.52E-04	1.90E+00	2.50E-07	4.10E-08	3.15E+00	1.62E-01	8.79E-04	1.08E-02	8.52E-03	1.78E-01	9.24E+00	1.45E+00	6.60E-08	3.22E-08	1.84E-03	8.33E-05	4.64E-01	9.26E-01	1.20E+01	7.25E-05	1.20E+01	1.30E+01	9.45E-01	0.00E+00	0.00E+00	3.90E-10	3.99E-01
9419705	5.17E-03	3.77E-01	-8.32E-03	3.86E-01	5.90E-06	0.00E+00	3.67E+02	5.18E-05	2.44E-04	2.77E-03	4.47E-04	1.75E+00	1.67E-07	4.87E-08	2.90E+00	1.95E-01	6.07E-04	1.25E-02	8.29E-03	1.44E-01	5.89E+00	1.05E+00	5.11E-08	3.04E-08	1.01E-03	5.89E-05	3.91E-01	3.23E-01	6.75E+00	3.95E-05	6.75E+00	7.77E+00	6.57E-01	0.00E+00	0.00E+00	3.90E-10	3.89E-01
9419709	5.25E-03	4.77E-01	-1.74E-02	4.96E-01	4.98E-06	0.00E+00	3.75E+02	4.74E-05	3.66E-04	3.78E-03	5.29E-04	1.87E+00	1.65E-07	4.62E-08	2.93E+00	1.91E-01	7.15E-04	1.35E-02	8.06E-03	1.81E-01	9.04E+00	1.32E+00	5.60E-08	3.00E-08	1.68E-03	6.94E-05	3.90E-01	4.20E-01	1.18E+01	3.85E-05	1.18E+01	1.29E+01	9.13E-01	0.00E+00	0.00E+00	3.90E-10	3.72E-01
9419728	5.02E-03	4.03E-01	-9.56E-03	4.10E-01	4.44E-06	0.00E+00	5.31E+02	4.75E-05	2.47E-04	2.78E-03	4.47E-04	1.77E+00	1.67E-07	4.24E-08	3.17E+00	1.92E-01	6.06E-04	1.26E-02	9.99E-03	1.44E-01	5.83E+00	1.07E+00	5.47E-08	2.91E-08	1.01E-03	5.79E-05	3.89E-01	2.43E-01	6.57E+00	2.97E-05	6.58E+00	7.75E+00	6.15E-01	0.00E+00	0.00E+00	3.90E-10	4.15E-01
9419805	5.10E-03	3.87E-01	-2.19E-02	3.95E-01	2.94E-05	0.00E+00	3.79E+02	6.17E-05	2.90E-04	3.30E-03	4.79E-04	1.86E+00	2.23E-07	6.53E-08	4.03E+00	2.26E-01	6.48E-04	1.38E-02	7.93E-03	1.63E-01	7.43E+00	1.12E+00	1.56E-07	2.87E-08	1.10E-03	6.20E-05	4.18E-01	4.40E-01	9.13E+00	6.38E-05	9.16E+00	1.03E+01	7.87E-01	0.00E+00	0.00E+00	3.90E-10	3.79E-01
9419909	5.26E-03	3.87E-01	-1.34E-02	3.94E-01	2.98E-05	0.00E+00	4.70E+02	5.47E-05	2.78E-04	3.14E-03	4.64E-04	1.82E+00	1.69E-07	6.60E-08	3.50E+00	2.17E-01	6.25E-04	1.83E-02	1.73E-02	1.66E-01	5.70E+00	1.05E+00	1.73E-07	2.94E-08	1.05E-03	5.81E-05	4.65E-01	3.25E-01	6.79E+00	6.45E-05	6.79E+00	7.78E+00	7.05E-01	0.00E+00	0.00E+00	3.90E-10	9.39E-01
9429603	5.50E-03	4.02E-01	-9.82E-03	4.01E-01	4.82E-05	0.00E+00	3.16E+02	6.24E-05	2.96E-04	3.25E-03	4.84E-04	1.92E+00	2.12E-07	4.24E-08	4.13E+00	1.98E-01	6.59E-04	1.17E-02	7.92E-03	1.84E-01	8.24E+00	1.09E+00	6.62E-07	3.19E-08	1.14E-03	6.55E-05	4.05E-01	3.21E-01	9.75E+00	4.59E-05	9.75E+00	1.10E+01	8.22E-01	0.00E+00	0.00E+00	3.90E-10	3.34E-01
9429605	8.26E-03	1.16E+00	-1.73E-01	1.18E+00	5.07E-05	0.00E+00	3.44E+03	4.44E-05	8.45E-04	8.96E-03	1.54E-03	3.13E+00	2.41E-07	4.91E-08	4.58E+00	2.21E-01	2.07E-03	1.49E-02	2.59E-02	4.10E-01	2.29E+01	4.05E+00	6.59E-07	6.68E-08	3.19E-03	1.42E-04	9.93E-01	2.05E+00	2.52E+01	7.31E-05	2.54E+01	2.70E+01	2.09E+00	0.00E+00	0.00E+00	3.90E-10	1.03E+00
9429606	8.40E-03	1.16E+00	-1.72E-01	1.18E+00	5.05E-05	0.00E+00	3.44E+03	4.89E-05	8.24E-04	8.68E-03	1.51E-03	3.17E+00	2.37E-07	4.67E-08	4.67E+00	2.17E-01	2.04E-03	1.43E-02	2.47E-02	3.98E-01	2.27E+01	3.58E+00	6.40E-07	6.67E-08	3.19E-03	1.42E-04	9.93E-01	1.98E+00	2.51E+01	7.29E-05	2.52E+01	2.64E+01	2.10E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
9429619	5.50E-03	4.02E-01	-8.77E-03	3.99E-01	4.81E-05	0.00E+00	3.17E+02	6.06E-05	2.94E-04	3.22E-03	4.77E-04	1.91E+00	2.13E-07	4.14E-08	4.05E+00	1.98E-01	6.41E-04	1.17E-02	8.24E-03	1.78E-01	6.81E+00	1.07E+00	6.70E-07	3.24E-08	1.12E-03	6.42E-05	4.13E-01	2.42E-01	7.84E+00	4.57E-05	7.85E+00	9.28E+00	6.80E-01	0.00E+00	0.00E+00	3.90E-10	3.30E-01
9451705	2.53E-03	2.33E-01	-9.47E-03	2.43E-01	7.08E-06	0.00E+00	9.68E+01	4.43E-05	1.82E-04	2.16E-03	2.97E-04	1.62E+00	9.51E-08	3.67E-08	3.25E+00	1.48E-01	3.96E-04	9.86E-03	5.43E-03	1.24E-01	3.73E+00	6.16E-01	4.05E-08	2.05E-08	7.18E-04	6.52E-05	2.81E-01	2.51E-01	4.29E+00	2.50E-05	4.27E+00	4.74E+00	5.27E-01	0.00E+00	0.00E+00	3.90E-10	2.25E-01
945172501	2.34E-03	2.16E-01	-1.02E-02	2.28E-01	1.07E-05	0.00E+00	7.35E+01	3.66E-05	1.75E-04	2.08E-03	2.92E-04	1.52E+00	9.80E-08	2.32E-08	2.70E+00	1.36E-01	3.87E-04	6.82E-03	1.88E-02	1.15E-01	3.59E+00	6.17E-01	5.17E-08	1.96E-08	6.89E-04	7.06E-05	2.94E-01	2.45E-01	4.12E+00	1.95E-05	4.10E+00	4.59E+00	5.39E-01	0.00E+00	0.00E+00	3.90E-10	5.30E-01
945172505	2.40E-03	2.19E-01	-1.06E-02	2.34E-01	1.13E-05	0.00E+00	7.90E+01	3.76E-05	1.75E-04	2.08E-03	2.92E-04	1.58E+00	9.75E-08	2.46E-08	2.82E+00	1.40E-01	3.87E-04	8.34E-03	1.95E-02	1.16E-01	3.61E+00	6.17E-01	5.99E-08	1.97E-08	6.97E-04	5.80E-05	2.95E-01	2.45E-01	4.14E+00	2.10E-05	4.11E+00	4.61E+00	5.39E-01	0.00E+00	0.00E+00	3.90E-10	5.63E-01
945172507	2.26E-03	2.00E-01	-1.47E-02	2.16E-01	8.80E-06	0.00E+00	7.60E+01	3.28E-05	1.68E-04	2.07E-03	3.09E-04	1.44E+00	1.26E-07	2.37E-08	2.23E+00	9.93E-02	3.96E-04	6.45E-03	1.81E-02	1.16E-01	3.59E+00	6.25E-01	2.83E-08	1.94E-08	6.65E-04	7.18E-05	3.06E-01	3.22E-01	4.10E+00	1.85E-05	4.08E+00	4.59E+00	5.78E-01	0.00E+00	0.00E+00	3.90E-10	5.28E-01
945172509	2.19E-03	1.67E-01	-1.52E-02	1.83E-01	6.09E-07	0.00E+00	1.57E+00	1.71E-05	1.60E-04	1.86E-03	3.18E-04	1.06E+00	1.26E-07	1.77E-08	2.09E+00	3.91E-02	4.31E-04	2.65E-03	5.62E-03	8.35E-02	2.83E+00	5.48E-01	1.75E-08	1.87E-08	5.78E-04	3.04E-05	3.63E-01	2.77E-01	3.38E+00	1.49E-05	3.38E+00	4.02E+00	6.40E-01	0.00E+00	0.00E+00	0.00E+00	2.42E-01
945702505	3.82E-03	3.42E-01	-2.72E-02	3.65E-01	1.98E-05	0.00E+00	8.61E+01	2.61E-05	2.29E-04	2.60E-03	4.24E-04	1.55E+00	9.85E-08	2.99E-08	3.05E+00	1.84E-01	5.89E-04	1.29E-02	1.47E-02	1.57E-01	4.84E+00	9.95E-01	4.86E-08	2.31E-08	8.81E-04	6.88E-05	3.78E-01	5.46E-01	5.86E+00	2.16E-05	5.84E+00	6.48E+00	7.36E-01	0.00E+00	0.00E+00	3.90E-10	6.37E-01
945702515	3.66E-03	3.42E-01	-1.87E-02	3.64E-01	1.85E-05	0.00E+00	8.55E+01	4.10E-05	2.29E-04	2.61E-03	4.03E-04	1.60E+00	1.11E-07	2.87E-08	2.91E+00	1.57E-01	5.55E-04	8.65E-03	1.99E-02	1.54E-01	4.98E+00	8.86E-01	4.75E-08	2.34E-08	8.88E-04	6.79E-05	3.57E-01	4.34E-01	5.90E+00	2.16E-05	5.88E+00	6.49E+00	6.87E-01	0.00E+00	0.00E+00	3.90E-10	5.96E-01
945712501	2.97E-03	2.54E-01	-2.01E-02	2.63E-01	1.17E-05	0.00E+00	6.23E+01	2.32E-05	2.34E-04	2.62E-03	3.82E-04	1.42E+00	9.81E-08	2.58E-08	2.55E+00	1.56E-01	5.35E-04	1.10E-02	1.22E-02	1.30E-01	4.84E+00	7.08E-01	3.38E-08	2.11E-08	8.66E-04	8.48E-05	3.14E-01	4.51E-01	5.93E+00	1.71E-05	5.91E+00	6.63E+00	6.83E-01	0.00E+00	0.00E+00	3.90E-10	5.39E-01
945712505	3.09E-03	2.63E-01	-2.05E-02	2.72E-01	1.36E-05	0.00E+00	8.79E+01	3.99E-05	2.34E-04	2.62E-03	3.89E-04	1.58E+00	1.11E-07	2.78E-08	2.85E+00	1.47E-01	5.33E-04	8.57E-03	1.97E-02	1.39E-01	4.96E+00	7.10E-01	4.74E-08	2.18E-08	8.77E-04	6.66E-05	3.16E-01	4.49E-01	5.93E+00	2.15E-05	5.90E+00	6.63E+00	6.91E-01	0.00E+00	0.00E+00	3.90E-10	6.10E-01
945712507	2.97E-03	2.54E-01	-2.01E-02	2.63E-01	1.17E-05	0.00E+00	6.23E+01	2.32E-05	2.34E-04	2.62E-03	3.82E-04	1.42E+00	9.81E-08	2.58E-08	2.55E+00	1.56E-01	5.35E-04	1.10E-02	1.22E-02	1.30E-01	4.84E+00	7.08E-01	3.38E-08	2.11E-08	8.66E-04	8.48E-05	3.14E-01	4.51E-01	5.93E+00	1.71E-05	5.91E+00	6.63E+00	6.83E-01	0.00E+00	0.00E+00	3.90E-10	5.39E-01
945712509	2.97E-03	2.54E-01	-2.01E-02	2.63E-01	1.17E-05	0.00E+00	6.08E+01	2.31E-05	2.34E-04	2.62E-03	3.82E-04	1.42E+00	9.80E-08	2.58E-08	2.55E+00	1.56E-01	5.30E-04	1.10E-02	1.22E-02	1.29E-01	4.83E+00	7.08E-01	3.38E-08	2.11E-08	8.65E-04	8.48E-05	3.14E-01	4.50E-01	5.93E+00	1.71E-05	5.90E+00	6.63E+00	6.83E-01	0.00E+00	0.00E+00	3.90E-10	5.34E-01
947132502	2.72E-03	2.72E-01	7.38E-03	2.74E-01	6.19E-06	0.00E+00	3.60E+02	5.38E-05	1.94E-04	2.21E-03	2.83E-04	2.09E+00	1.33E-07	4.42E-08	4.44E+00	1.27E-01	3.70E-04	1.05E-02	6.51E-03	1.34E-01	4.22E+00	6.70E-01	4.80E-07	2.28E-08	8.99E-04	6.18E-05	4.11E-01	1.10E-01	4.88E+00	1.18E-04	4.85E+00	5.19E+00	3.49E-01	0.00E+00	0.00E+00	1.65E-07	2.05E-01
947132503	2.39E-03	2.34E-01	8.16E-03	2.24E-01	6.89E-06	0.00E+00	3.60E+02	5.20E-05	1.51E-04	1.78E-03	2.47E-04	2.10E+00	1.11E-07	4.90E-08	4.85E+00	1.21E-01	3.22E-04	1.02E-02	6.19E-03	1.35E-01	3.82E+00	6.45E-01	4.60E-07	2.31E-08	6.74E-04	6.19E-05	4.13E-01	5.58E-02	4.29E+00	1.19E-04	4.26E+00	4.35E+00	3.25E-01	0.00E+00	0.00E+00	1.65E-07	2.07E-01
947132504	2.72E-03	2.72E-01	7.38E-03	2.74E-01	6.19E-06	0.00E+00	3.60E+02	5.38E-05	1.94E-04	2.21E-03	2.83E-04	2.09E+00	1.33E-07	4.42E-08	4.44E+00	1.27E-01	3.70E-04	1.05E-02	6.51E-03	1.34E-01	4.22E+00	6.70E-01	4.80E-07	2.28E-08	8.99E-04	6.18E-05	4.11E-01	1.10E-01	4.88E+00	1.18E-04	4.85E+00	5.19E+00	3.49E-01	0.00E+00	0.00E+00	1.65E-07	2.05E-01
947132505	2.76E-03	2.78E-01	7.74E-03	2.79E-01	7.17E-06	0.00E+00	3.59E+02	5.25E-05	1.94E-04	2.21E-03	2.83E-04	2.08E+00	1.28E-07	4.47E-08	4.32E+00	1.21E-01	3.69E-04	1.03E-02	6.45E-03	1.34E-01	4.21E+00	6.70E-01	5.00E-07	2.32E-08	9.09E-04	5.65E-05	4.12E-01	1.05E-01	4.88E+00	1.20E-04	4.88E+00	5.23E+00	3.49E-01	0.00E+00	0.00E+00	1.65E-07	1.95E-01
947132506	2.72E-03	2.73E-01	7.37E-03	2.74E-01	6.19E-06	0.00E+00	3.60E+02	5.38E-05	1.94E-04	2.21E-03	2.83E-04	2.09E+00	1.33E-07	4.42E-08	4.44E+00	1.32E-01	3.70E-04	1.05E-02	6.51E-03	1.33E-01	4.23E+00	6.70E-01	4.80E-07	2.28E-08	8.97E-04	6.11E-05	4.11E-01	1.10E-01	4.88E+00	1.19E-04	4.85E+00	5.20E+00	3.52E-01	0.00E+00	0.00E+00	1.65E-07	2.05E-01
947132576	2.76E-03	2.67E-01	1.84E-03	2.72E-01	6.01E-06	0.00E+00	3.60E+02	5.34E-05	2.04E-04	2.29E-03	2.96E-04	2.06E+00	1.38E-07	4.32E-08	4.39E+00	1.29E-01	4.00E-04	1.04E-02	5.55E-03	1.38E-01	4.42E+00	6.86E-01	2.14E-07	2.29E-08	9.22E-04	6.14E-05	4.14E-01	1.28E-01	5.10E+00	1.13E-04	5.07E+00	5.34E+00	3.56E-01	0.00E+00	0.00E+00	1.65E-07	2.03E-01
947782501	3.29E-03	2.69E-01	-8.41E-03	2.77E-01	4.39E-05	0.00E+00	3.47E+02	6.10E-05	2.09E-04	2.41E-03	3.00E-04	2.28E+00	1.86E-07	5.60E-08	4.33E+00	3.07E-01	4.06E-04	1.39E-02	5.43E-03	1.46E-01	4.49E+00	6.68E-01	4.98E-08	2.38E-08	9.23E-04	6.11E-05	6.19E-01	1.88E-01	5.18E+00	1.56E-04	5.16E+00	5.65E+00	4.99E-01	0.00E+00	0.00E+00	7.50E-04	2.18E-01
947782502	3.61E-03	2.99E-01	-1.16E-02	2.98E-01	1.17E-05	0.00E+00	2.36E+02	4.41E-05	2.93E-04	3.19E-03	3.64E-04	2.02E+00	1.58E-07	4.77E-08	3.90E+00	1.32E-01	4.92E-04	1.24E-02	5.68E-03	1.58E-01	5.12E+00	7.21E-01	3.30E-08	2.52E-08	1.07E-03	6.99E-05	4.27E-01	2.53E-01	6.05E+00	9.75E-05	6.05E+00	6.93E+00	5.90E-01	0.00E+00	0.00E+00	3.90E-10	2.34E-01
947782503	3.55E-03	2.99E-01	-1.18E-02	2.94E-01	1.14E-05	0.00E+00	2.37E+02	4.84E-05	2.93E-04	3.17E-03	3.64E-04	2.05E+00	1.63E-07	4.63E-08	3.97E+00	1.36E-01	4.94E-04	1.24E-02	5.71E-03	1.55E-01	5.13E+00	7.23E-01	3.70E-08	2.44E-08	1.05E-03	7.11E-05	4.25E-01	2.54E-01	6.01E+00	9.62E-05	5.98E+00	6.85E+00	5.88E-01	0.00E+00	0.00E+00	3.90E-10	2.42E-01
947782505	3.58E-03	3.02E-01	-1.17E-02	2.98E-01	1.24E-05	0.00E+00	2.36E+02	4.47E-05	2.94E-04	3.16E-03	3.64E-04	2.01E+00	1.58E-07	4.78E-08	3.91E+00	1.35E-01	4.94E-04	1.24E-02	5.67E-03	1.58E-01	5.14E+00	7.23E-01	3.30E-08	2.51E-08	1.06E-03	6.99E-05	4.27E-01	2.54E-01	6.06E+00	9.75E-05	6.06E+00	6.95E+00	5.87E-01	0.00E+00	0.00E+00	3.90E-10	2.37E-01
947782506	3.55E-03	2.99E-01	-1.17E-02	2.94E-01	1.09E-05	0.00E+00	2.48E+02	4.85E-05	2.93E-04	3.17E-03	3.64E-04	2.08E+00	1.63E-07	4.63E-08	4.00E+00	1.36E-01	4.94E-04	1.23E-02	5.71E-03	1.55E-01	5.13E+00	7.23E-01	3.79E-08	2.43E-08	1.05E-03	7.11E-05	4.24E-01	2.54E-01	6.01E+00	9.62E-05	5.98E+00	6.85E+00	5.88E-01	0.00E+00	0.00E+00	3.90E-10	2.41E-01
947782512	3.28E-03	2.94E-01	-1.23E-02	2.92E-01	1.03E-05	0.00E+00	2.91E+02	3.50E-05	2.51E-04	2.76E-03	3.70E-04	2.01E+00	4.33E-08	4.51E-08	3.82E+00	1.02E-01	4.98E-04	8.77E-03	6.52E-03	1.54E-01	5.19E+00	7.03E-01	9.37E-08	2.48E-08	9.94E-04	6.76E-05	4.13E-01	3.04E-01	6.10E+00	1.01E-04	6.07E+00	6.92E+00	8.41E-01	0.00E+00	0.00E+00	1.65E-07	2.98E-01
947792501	3.59E-03	3.12E-01	-1.22E-02	3.03E-01	1.08E-05	0.00E+00	2.86E+02	5.26E-05	2.98E-04	3.22E-03	3.70E-04	2.06E+00	1.68E-07	4.75E-08	3.95E+00	1.47E-01	4.98E-04	1.23E-02	6.54E-03	1.56E-01	5.27E+00	7.24E-01	1.07E-07	2.50E-08	1.04E-03	6.77E-05	4.83E-01	2.76E-01	6.09E+00	9.42E-05	6.07E+00	6.91E+00	6.56E-01	0.00E+00	0.00E+00	3.90E-10	3.01E-01
947792502	3.64E-03	3.15E-01	-1.23E-02	3.05E-01	1.21E-05	0.00E+00	2.76E+02	4.91E-05	2.99E-04	3.24E-03	3.70E-04	2.00E+00	1.62E-07	4.85E-08	3.86E+00	1.45E-01	4.98E-04	1.26E-02	6.44E-03	1.59E-01	5.25E+00	7.21E-01	9.07E-08	2.59E-08	1.06E-03	6.55E-05	4.88E-01	2.78E-01	6.09E+00	9.55E-05	6.09E+00	6.97E+00	6.54E-01	0.00E+00	0.00E+00	3.90E-10	2.92E-01
947792503	3.61E-03	3.10E-01	-1.16E-02	3.04E-01	1.16E-05	0.00E+00	2.77E+02	4.49E-05	3.00E-04	3.25E-03	3.64E-04	2.01E+00	1.60E-07	4.79E-08	3.79E+00	1.38E-01	4.93E-04	1.26E-02	5.86E-03	1.60E-01	5.26E+00	7.23E-01	9.06E-08	2.58E-08	1.08E-03	6.64E-05	4.87E-01	2.71E-01	6.13E+00	9.75E-05	6.13E+00	7.00E+00	6.05E-01	0.00E+00	0.00E+00	3.90E-10	2.36E-01
947792505	3.58E-03	3.13E-01	-1.24E-02	3.05E-01	1.21E-05	0.00E+00	2.77E+02	4.89E-05	3.00E-04	3.20E-03	3.68E-04	2.00E+00	1.67E-07	4.95E-08	3.86E+00	1.45E-01	4.94E-04	1.26E-02	6.08E-03	1.61E-01	5.25E+00	7.22E-01	9.05E-08	2.57E-08	1.08E-03	6.65E-05	4.86E-01	2.80E-01	6.10E+00	9.55E-05	6.10E+00	6.97E+00	5.91E-01	0.00E+00	0.00E+00	3.90E-10	2.53E-01
947792506	3.58E-03	3.13E-01	-1.24E-02	3.05E-01	1.21E-05	0.00E+00	2.77E+02	4.89E-05	3.00E-04	3.20E-03	3.68E-04	1.99E+00	1.62E-07	4.95E-08	3.86E+00	1.45E-01	4.94E-04	1.26E-02	6.08E-03	1.61E-01	5.25E+00	7.22E-01	9.05E-08	2.57E-08	1.08E-03	6.65E-05	4.86E-01	2.80E-01	6.10E+00	9.55E-05	6.10E+00	6.97E+00	5.91E-01	0.00E+00	0.00E+00	3.90E-10	2.53E-01
961842501	3.35E-03	2.87E-01	-5.14E-03	2.93E-01	6.82E-07	0.00E+00	2.98E+02	5.13E-05	2.22E-04	2.53E-03	3.00E-04	1.68E+00	1.99E-07	3.83E-08	3.43E+00	1.40E-01	4.05E-04	1.11E-02	5.97E-03	1.13E-01	4.46E+00	6.76E-01	5.23E-07	2.19E-08	8.86E-04	5.57E-05	2.90E-01	1.94E-01	5.11E+00	2.49E-05	5.11E+00	5.53E+00	4.69E-01	0.00E+00	0.00E+00	3.90E-10	2.59E-01
9618505	3.99E-03	3.87E-01	-1.11E-02	3.95E-01	2.80E-05	0.00E+00	3.43E+02	5.37E-05	2.87E-04	3.13E-03	4.02E-04	1.70E+00	2.22E-07	3.83E-08	3.37E+00	1.40E-01	5.45E-04	1.16E-02	6.52E-03	1.28E-01	5.23E+00	7.17E-01	5.97E-07	2.44E-08	1.06E-03	5.64E-05	3.50E-01	2.51E-01	6.26E+00	2.49E-05	6.26E+00	7.12E+00	6.98E-01	0.00E+00	0.00E+00	3.90E-10	2.83E-01
961852501	3.96E-03	3.82E-01	-1.27E-02	3.91E-01	2.94E-05	0.00E+00	3.39E+02	5.50E-05	2.86E-04	3.13E-03	4.02E-04	1.71E+00	2.21E-07	3.87E-08	3.65E+00	1.47E-01	5.45E-04	1.16E-02	6.66E-03	1.35E-01	5.22E+00	7.15E-01	5.98E-07	2.44E-08	1.06E-03	5.75E-05	3.48E-01	3.06E-01	6.18E+00	2.49E-05	6.18E+00	7.08E+00	6.76E-01	0.00E+00	0.00E+00	3.90E-10	3.00E-01
961852502	3.95E-03	3.73E-01	-1.38E-02	3.87E-01	3.03E-05	0.00E+00	3.47E+02	5.99E-05	2.85E-04	3.11E-03	4.00E-04	1.65E+00	2.25E-07	4.13E-08	3.70E+00	1.54E-01	5.58E-04	1.15E-02	6.80E-03	1.36E-01	5.10E+00	8.42E-01	5.95E-07	2.40E-08	1.06E-03	5.66E-05	3.49E-01	3.20E-01	6.04E+00	2.40E-05	6.04E+00	6.85E+00	6.61E-01	0.00E+00	0.00E+00	3.90E-10	3.06E-01
961852505	3.98E-03	3.84E-01	-1.30E-02	3.94E-01	2.97E-05	0.00E+00	3.41E+02	5.71E-05	2.87E-04	3.12E-03	4.02E-04	1.72E+00	2.22E-07	3.97E-08	3.49E+00	1.41E-01	5.46E-04	1.16E-02	6.51E-03	1.27E-01	5.21E+00	7.15E-01	5.97E-07	2.43E-08	1.06E-03	5.65E-05	3.50E-01	3.09E-01	6.24E+00	2.51E-05	6.24E+00	7.13E+00	6.89E-01	0.00E+00	0.00E+00	3.90E-10	2.84E-01
961852506	3.80E-03	3.76E-01	-1.21E-02	3.81E-01	4.67E-05	0.00E+00	3.70E+02	6.08E-05	2.39E-04	2.70E-03	3.98E-04	1.67E+00	2.20E-07	4.63E-08	3.57E+00	1.91E-01	5.41E-04	1.15E-02	7.10E-03	1.14E-01	4.91E+00	7.09E-01	6.53E-08	2.36E-08	9.86E-04	5.23E-05	3.34E-01	3.08E-01	5.68E+00	3.84E-05	5.68E+00	6.18E+00	6.49E-01	0.00E+00	0.00E+00	3.90E-10	3.62E-01
9619405	3.34E-03	3.01E-01	-1.00E-02	3.02E-01	5.90E-07	0.00E+00	3.45E+02	5.12E-05	2.20E-04	2.54E-03	3.43E-04	1.69E+00	2.05E-07	3.76E-08	3.21E+00	1.39E-01	4.55E-04	1.14E-02	6.31E-03	1.29E-01	5.26E+00	7.24E-01	7.23E-07	2.22E-08	1.04E-03	6.09E-05	2.93E-01	2.08E-01	6.03E+00	2.50E-05	6.03E+00	6.84E+00	5.23E-01	0.00E+00	0.00E+00	3.90E-10	2.65E-01
961942502	3.43E-03	3.11E-01	-1.01E-02	3.04E-01	5.33E-06	0.00E+00	3.53E+02	5.32E-05	2.88E-04	3.10E-03	3.74E-04	1.69E+00	2.09E-07	3.84E-08	3.29E+00	1.39E-01	5.00E-04	1.14E-02	6.51E-03	1.29E-01	5.29E+00	7.26E-01	7.23E-07	2.34E-08	1.03E-03	5.83E-05	3.03E-01	2.43E-01	6.06E+00	2.88E-05	6.06E+00	6.90E+00	6.73E-01	0.00E+00	0.00E+00	3.90E-10	2.81E-01
961942505	3.19E-03	2.73E-01	-4.06E-03	2.77E-01	6.10E-06	0.00E+00	1.36E+02	4.77E-05	2.38E-04	2.68E-03	3.63E-04	1.77E+00	1.07E-07	4.41E-08	3.70E+00	1.74E-01	4.93E-04	1.20E-02	5.69E-03	1.42E-01	4.89E+00	7.54E-01	3.71E-08	2.24E-08	9.85E-04	7.01E-05	3.02E-01	2.11E-01	5.59E+00	3.50E-05	5.57E+00	5.98E+00	5.71E-01	0.00E+00	0.00E+00	3.90E-10	2.46E-01
961942506	3.43E-03	3.10E-01	-1.07E-02	3.04E-01	5.91E-07	0.00E+00	3.50E+02	5.15E-05	2.88E-04	3.11E-03	3.74E-04	1.69E+00	2.04E-07	3.81E-08	3.18E+00	1.32E-01	5.00E-04	1.15E-02	6.49E-03	1.29E-01	5.27E+00	7.24E-01	7.23E-07	2.32E-08	1.03E-03	6.03E-05	3.03E-01	2.45E-01	6.03E+00	2.54E-05	6.03E+00	6.89E+00	6.80E-01	0.00E+00	0.00E+00	3.90E-10	2.81E-01
9619505	3.97E-03	3.79E-01	-1.04E-02	3.88E-01	2.78E-05	0.00E+00	3.50E+02	5.56E-05	2.90E-04	3.24E-03	4.05E-04	1.72E+00	2.28E-07	3.88E-08	3.47E+00	1.50E-01	5.51E-04	1.17E-02	6.85E-03	1.38E-01	5.33E+00	8.43E-01	7.39E-07	2.53E-08	1.08E-03	5.63E-05	3.59E-01	2.44E-01	6.16E+00	2.49E-05	6.16E+00	6.92E+00	7.03E-01	0.00E+00	0.00E+00	3.90E-10	2.99E-01
961952501	3.96E-03	3.78E-01	-1.28E-02	3.90E-01	2.90E-05	0.00E+00	3.51E+02	5.61E-05	2.90E-04	3.25E-03	4.05E-04	1.72E+00	2.28E-07	3.87E-08	3.49E+00	1.50E-01	5.51E-04	1.17E-02	6.91E-03	1.37E-01	5.34E+00	8.41E-01	7.39E-07	2.51E-08	1.08E-03	5.62E-05	3.59E-01	3.21E-01	6.16E+00	2.49E-05	6.16E+00	6.95E+00	7.03E-01	0.00E+00	0.00E+00	3.90E-10	3.00E-01
961952502	3.96E-03	3.74E-01	-1.27E-02	3.88E-01	2.94E-05	0.00E+00	3.53E+02	5.80E-05	2.90E-04	3.24E-03	4.00E-04	1.64E+00	2.28E-07	3.87E-08	3.45E+00	1.50E-01	5.55E-04	1.16E-02	6.86E-03	1.40E-01	5.27E+00	8.42E-01	7.46E-07	2.48E-08	1.08E-03	5.54E-05	3.56E-01	3.21E-01	6.16E+00	2.40E-05	6.16E+00	6.94E+00	7.06E-01	0.00E+00	0.00E+00	3.90E-10	3.06E-01
961952505	3.95E-03	3.79E-01	-1.27E-02	3.92E-01	2.82E-05	0.00E+00	3.52E+02	5.76E-05	2.90E-04	3.24E-03	4.00E-04	1.64E+00	2.28E-07	3.86E-08	3.41E+00	1.50E-01	5.55E-04	1.16E-02	6.85E-03	1.40E-01	5.28E+00	8.42E-01	7.46E-07	2.48E-08	1.08E-03	5.54E-05	3.55E-01	3.17E-01	6.17E+00	2.38E-05	6.17E+00	6.95E+00	7.03E-01	0.00E+00	0.00E+00	3.90E-10	3.03E-01
961952506	3.75E-03	3.48E-01	-1.45E-02	3.62E-01	4.81E-08	0.00E+00	3.60E+02	7.93E-05	2.77E-04	3.05E-03	4.10E-04	1.80E+00	2.66E-07	4.35E-08	4.16E+00	2.05E-01	5.56E-04	1.17E-02	7.08E-03	1.12E-01	4.97E+00	7.24E-01	7.84E-07	2.50E-08	1.06E-03	3.67E-05	3.17E-01	3.32E-01	5.69E+00	2.67E-05	5.69E+00	6.34E+00	6.49E-01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
9624905	3.57E-03	3.67E-01	-4.72E-03	3.75E-01	5.58E-06	0.00E+00	2.89E+02	3.93E-05	2.45E-04	2.68E-03	4.35E-04	1.31E+00	1.29E-07	4.00E-08	3.29E+00	1.59E-01	5.91E-04	1.05E-02	7.84E-03	1.37E-01	5.40E+00	9.91E-01	3.51E-08	2.51E-08	9.93E-04	5.71E-05	3.68E-01	2.31E-01	6.00E+00	2.71E-05	6.00E+00	6.39E+00	6.84E-01	0.00E+00	0.00E+00	3.90E-10	3.33E-01
962492501	3.57E-03	3.67E-01	-4.66E-03	3.75E-01	5.58E-06	0.00E+00	2.89E+02	3.92E-05	2.45E-04	2.68E-03	4.33E-04	1.31E+00	1.29E-07	4.01E-08	3.29E+00	1.59E-01	5.91E-04	1.05E-02	7.70E-03	1.37E-01	5.39E+00	9.89E-01	3.45E-08	2.49E-08	9.93E-04	5.71E-05	3.68E-01	2.30E-01	6.00E+00	2.70E-05	6.00E+00	6.39E+00	6.83E-01	0.00E+00	0.00E+00	3.90E-10	3.32E-01
962492502	3.53E-03	3.46E-01	-1.04E-02	3.56E-01	4.03E-08	0.00E+00	4.75E+02	8.20E-05	3.00E-04	3.34E-03	4.34E-04	1.50E+00	2.16E-07	3.69E-08	4.79E+00	2.30E-01	5.88E-04	1.24E-02	7.82E-03	1.16E-01	5.67E+00	9.95E-01	6.00E-08	2.40E-08	1.14E-03	4.62E-05	3.59E-01	2.90E-01	6.67E+00	2.27E-05	6.67E+00	7.32E+00	6.50E-01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
962492505	3.57E-03	3.67E-01	-4.75E-03	3.75E-01	5.69E-06	0.00E+00	2.89E+02	3.93E-05	2.45E-04	2.68E-03	4.35E-04	1.31E+00	1.29E-07	4.00E-08	3.29E+00	1.59E-01	5.91E-04	1.05E-02	7.84E-03	1.37E-01	5.40E+00	9.91E-01	3.51E-08	2.51E-08	9.94E-04	5.71E-05	3.68E-01	2.31E-01	6.00E+00	2.71E-05	6.00E+00	6.39E+00	6.84E-01	0.00E+00	0.00E+00	3.90E-10	3.33E-01
962492506	3.86E-03	3.65E-01	-5.16E-03	3.73E-01	5.69E-06	0.00E+00	2.89E+02	3.87E-05	2.50E-04	2.78E-03	4.35E-04	1.31E+00	1.28E-07	4.00E-08	3.29E+00	1.59E-01	5.91E-04	1.05E-02	7.84E-03	1.38E-01	5.41E+00	9.91E-01	3.51E-08	2.62E-08	1.02E-03	5.78E-05	3.68E-01	2.32E-01	6.00E+00	2.75E-05	6.00E+00	6.39E+00	6.87E-01	0.00E+00	0.00E+00	3.90E-10	3.34E-01
962512502	2.90E-03	2.50E-01	-1.03E-02	2.61E-01	1.15E-05	0.00E+00	8.39E+01	3.81E-05	2.16E-04	2.53E-03	3.55E-04	1.64E+00	9.88E-08	2.76E-08	2.49E+00	1.43E-01	4.58E-04	9.51E-03	1.85E-02	1.37E-01	5.00E+00	7.14E-01	3.70E-08	2.11E-08	9.85E-04	7.28E-05	3.04E-01	2.44E-01	5.95E+00	2.23E-05	5.93E+00	6.74E+00	5.84E-01	0.00E+00	0.00E+00	3.90E-10	5.32E-01
962512503	2.39E-03	2.36E-01	-8.76E-03	2.55E-01	9.91E-06	0.00E+00	8.37E+01	3.75E-05	1.68E-04	2.15E-03	3.29E-04	1.64E+00	1.02E-07	2.73E-08	2.50E+00	1.40E-01	4.45E-04	9.29E-03	1.81E-02	1.14E-01	4.31E+00	6.50E-01	3.63E-08	2.04E-08	8.17E-04	6.42E-05	2.97E-01	2.06E-01	4.86E+00	2.23E-05	4.84E+00	5.19E+00	5.44E-01	0.00E+00	0.00E+00	3.90E-10	5.16E-01
962512505	2.40E-03	2.43E-01	-8.71E-03	2.60E-01	9.92E-06	0.00E+00	8.68E+01	3.75E-05	1.76E-04	2.18E-03	3.38E-04	1.64E+00	1.02E-07	2.73E-08	2.49E+00	1.40E-01	4.55E-04	9.31E-03	1.81E-02	1.35E-01	4.98E+00	7.06E-01	3.64E-08	2.03E-08	9.38E-04	7.24E-05	2.97E-01	2.06E-01	5.91E+00	2.21E-05	5.89E+00	6.69E+00	5.46E-01	0.00E+00	0.00E+00	3.90E-10	5.14E-01
962572502	3.13E-03	3.01E-01	-3.90E-03	2.99E-01	2.08E-06	0.00E+00	3.49E+02	4.60E-05	2.57E-04	2.86E-03	3.89E-04	1.28E+00	1.87E-07	3.95E-08	3.14E+00	1.46E-01	5.30E-04	1.10E-02	6.57E-03	1.13E-01	5.32E+00	7.19E-01	1.93E-07	2.37E-08	9.97E-04	5.28E-05	3.22E-01	3.24E-01	5.96E+00	2.62E-05	5.96E+00	6.33E+00	6.74E-01	0.00E+00	0.00E+00	3.90E-10	3.04E-01
962572503	3.41E-03	3.75E-01	-3.45E-03	3.78E-01	5.93E-06	0.00E+00	3.53E+02	4.75E-05	2.54E-04	2.90E-03	4.00E-04	1.30E+00	1.87E-07	3.85E-08	3.07E+00	1.48E-01	5.43E-04	1.08E-02	9.53E-03	1.19E-01	5.37E+00	7.21E-01	1.95E-07	2.52E-08	1.02E-03	5.35E-05	3.58E-01	3.46E-01	6.05E+00	2.89E-05	6.05E+00	6.45E+00	7.01E-01	0.00E+00	0.00E+00	3.90E-10	4.27E-01
962572505	3.41E-03	3.76E-01	-3.83E-03	3.80E-01	2.09E-06	0.00E+00	3.50E+02	4.40E-05	2.58E-04	2.91E-03	3.99E-04	1.29E+00	1.87E-07	3.86E-08	3.06E+00	1.43E-01	5.43E-04	1.10E-02	6.63E-03	1.19E-01	5.37E+00	7.20E-01	1.93E-07	2.51E-08	1.03E-03	5.32E-05	3.58E-01	3.46E-01	6.05E+00	2.60E-05	6.05E+00	6.44E+00	7.08E-01	0.00E+00	0.00E+00	3.90E-10	3.05E-01
962572506	3.40E-03	3.72E-01	-4.03E-03	3.78E-01	2.20E-06	0.00E+00	3.50E+02	4.57E-05	2.58E-04	2.90E-03	3.99E-04	1.26E+00	1.87E-07	3.86E-08	3.18E+00	1.45E-01	5.43E-04	1.09E-02	6.80E-03	1.28E-01	5.36E+00	7.20E-01	1.94E-07	2.51E-08	1.02E-03	5.44E-05	3.56E-01	3.49E-01	6.02E+00	2.61E-05	6.02E+00	6.42E+00	6.93E-01	0.00E+00	0.00E+00	3.90E-10	3.11E-01
962592501	4.21E-03	3.66E-01	-5.37E-03	3.71E-01	9.66E-06	0.00E+00	3.50E+02	5.71E-05	2.33E-04	2.61E-03	4.33E-04	1.91E+00	2.59E-07	1.16E-07	3.88E+00	2.55E-01	5.87E-04	1.05E-02	1.08E-02	1.47E-01	5.07E+00	9.74E-01	5.58E-08	2.64E-08	9.61E-04	5.89E-05	6.03E-01	2.39E-01	5.62E+00	5.41E-05	5.60E+00	6.03E+00	6.65E-01	0.00E+00	0.00E+00	3.90E-10	5.05E-01
962592502	4.26E-03	3.65E-01	-5.42E-03	3.71E-01	1.00E-05	0.00E+00	3.49E+02	5.80E-05	2.33E-04	2.62E-03	4.34E-04	1.92E+00	2.54E-07	1.29E-07	3.91E+00	2.57E-01	5.89E-04	1.05E-02	1.07E-02	1.47E-01	5.12E+00	9.75E-01	5.62E-08	2.73E-08	9.69E-04	5.76E-05	6.01E-01	2.39E-01	5.68E+00	5.54E-05	5.68E+00	6.17E+00	6.68E-01	0.00E+00	0.00E+00	3.90E-10	5.04E-01
962592503	4.21E-03	3.66E-01	-5.35E-03	3.71E-01	9.66E-06	0.00E+00	3.50E+02	5.71E-05	2.33E-04	2.62E-03	4.33E-04	1.91E+00	2.59E-07	1.16E-07	3.88E+00	2.54E-01	5.87E-04	1.05E-02	1.07E-02	1.47E-01	5.07E+00	9.74E-01	5.55E-08	2.64E-08	9.61E-04	5.89E-05	6.03E-01	2.39E-01	5.62E+00	5.41E-05	5.60E+00	6.03E+00	6.65E-01	0.00E+00	0.00E+00	3.90E-10	5.05E-01
962592505	4.04E-03	3.68E-01	-5.33E-03	3.71E-01	9.81E-06	0.00E+00	3.51E+02	5.80E-05	2.33E-04	2.62E-03	4.14E-04	1.90E+00	2.57E-07	1.29E-07	3.91E+00	2.53E-01	5.52E-04	1.05E-02	1.03E-02	1.44E-01	5.10E+00	9.01E-01	5.94E-08	2.66E-08	9.71E-04	5.73E-05	5.99E-01	2.37E-01	5.69E+00	5.54E-05	5.69E+00	6.17E+00	6.66E-01	0.00E+00	0.00E+00	3.90E-10	5.02E-01
962592506	4.01E-03	3.69E-01	-5.33E-03	3.71E-01	7.50E-06	0.00E+00	3.51E+02	5.82E-05	2.33E-04	2.63E-03	4.03E-04	1.90E+00	2.57E-07	1.29E-07	3.91E+00	2.53E-01	5.47E-04	1.05E-02	1.01E-02	1.44E-01	5.11E+00	8.76E-01	5.94E-08	2.67E-08	9.71E-04	5.73E-05	5.90E-01	2.37E-01	5.69E+00	5.52E-05	5.69E+00	6.16E+00	6.60E-01	0.00E+00	0.00E+00	3.90E-10	4.80E-01
9626205	4.67E-03	4.88E-01	-6.81E-03	4.92E-01	3.52E-05	0.00E+00	3.98E+02	6.21E-05	3.04E-04	3.36E-03	4.96E-04	1.71E+00	2.14E-07	5.39E-08	4.86E+00	3.78E-01	6.76E-04	1.13E-02	1.15E-02	2.74E-01	8.18E+00	1.19E+00	5.59E-08	3.06E-08	1.19E-03	1.05E-04	4.53E-01	2.58E-01	9.79E+00	2.76E-05	9.80E+00	1.10E+01	8.01E-01	0.00E+00	0.00E+00	3.90E-10	4.66E-01
962622501	4.42E-03	4.82E-01	1.15E-02	4.84E-01	3.91E-05	0.00E+00	4.21E+02	5.76E-05	2.69E-04	3.00E-03	4.48E-04	1.53E+00	1.61E-07	5.50E-08	4.75E+00	4.06E-01	6.03E-04	1.11E-02	8.74E-03	2.48E-01	6.04E+00	1.05E+00	7.95E-08	2.92E-08	1.09E-03	9.53E-05	4.41E-01	9.84E-02	6.98E+00	3.42E-05	6.98E+00	7.33E+00	5.96E-01	0.00E+00	0.00E+00	3.90E-10	3.80E-01
962622502	4.54E-03	4.77E-01	-1.76E-03	4.81E-01	3.93E-05	0.00E+00	4.27E+02	5.53E-05	2.77E-04	3.22E-03	4.84E-04	1.52E+00	2.02E-07	5.44E-08	4.45E+00	4.07E-01	6.54E-04	1.16E-02	8.72E-03	2.75E-01	7.78E+00	1.19E+00	5.55E-08	3.04E-08	1.12E-03	1.06E-04	4.41E-01	2.55E-01	8.84E+00	3.36E-05	8.84E+00	9.77E+00	7.43E-01	0.00E+00	0.00E+00	3.90E-10	3.62E-01
962622505	4.71E-03	4.81E-01	-1.72E-03	4.79E-01	3.93E-05	0.00E+00	4.18E+02	5.81E-05	3.06E-04	3.36E-03	4.82E-04	1.67E+00	2.11E-07	5.43E-08	4.89E+00	3.95E-01	6.48E-04	1.14E-02	8.74E-03	2.77E-01	7.85E+00	1.16E+00	6.04E-08	3.09E-08	1.16E-03	1.05E-04	4.54E-01	2.26E-01	8.97E+00	2.66E-05	8.98E+00	1.00E+01	6.74E-01	0.00E+00	0.00E+00	3.90E-10	3.56E-01
962622506	4.56E-03	4.75E-01	-1.84E-03	4.76E-01	3.93E-05	0.00E+00	4.24E+02	5.76E-05	2.76E-04	3.21E-03	4.81E-04	1.52E+00	2.03E-07	5.49E-08	4.47E+00	4.07E-01	6.48E-04	1.16E-02	8.94E-03	2.75E-01	7.75E+00	1.18E+00	5.96E-08	3.06E-08	1.12E-03	1.05E-04	4.41E-01	2.53E-01	8.77E+00	3.36E-05	8.78E+00	9.67E+00	6.81E-01	0.00E+00	0.00E+00	3.90E-10	3.63E-01
9627205	3.42E-03	3.17E-01	-1.28E-02	3.09E-01	4.71E-06	0.00E+00	3.68E+02	6.21E-05	2.88E-04	3.14E-03	3.89E-04	1.75E+00	2.29E-07	4.02E-08	3.60E+00	1.81E-01	5.28E-04	1.07E-02	9.23E-03	1.26E-01	5.29E+00	7.26E-01	7.39E-07	2.34E-08	1.04E-03	5.50E-05	3.03E-01	3.11E-01	6.02E+00	2.83E-05	6.02E+00	6.80E+00	7.06E-01	0.00E+00	0.00E+00	3.90E-10	4.15E-01
962722502	3.89E-03	4.04E-01	-1.26E-02	4.16E-01	1.44E-08	0.00E+00	3.58E+02	4.94E-06	3.02E-04	3.45E-03	4.01E-04	1.71E+00	1.23E-08	3.55E-08	2.69E-01	2.09E-03	5.43E-04	1.31E-02	5.62E-03	1.24E-01	5.98E+00	7.22E-01	7.80E-07	2.55E-08	1.13E-03	3.24E-05	5.92E-01	3.30E-01	6.70E+00	2.63E-05	6.70E+00	7.62E+00	9.22E-01	0.00E+00	0.00E+00	0.00E+00	2.40E-01
962722505	3.43E-03	3.14E-01	-1.28E-02	3.06E-01	4.80E-07	0.00E+00	3.61E+02	5.75E-05	2.87E-04	3.10E-03	3.77E-04	1.69E+00	2.27E-07	3.84E-08	3.28E+00	1.38E-01	5.13E-04	1.15E-02	6.49E-03	1.26E-01	5.25E+00	7.24E-01	7.38E-07	2.30E-08	1.03E-03	5.46E-05	3.03E-01	3.11E-01	6.01E+00	2.50E-05	6.01E+00	6.89E+00	6.76E-01	0.00E+00	0.00E+00	3.90E-10	2.82E-01
962722506	3.32E-03	2.99E-01	-1.02E-02	3.01E-01	4.80E-07	0.00E+00	3.56E+02	5.37E-05	2.16E-04	2.51E-03	3.28E-04	1.67E+00	2.26E-07	3.77E-08	3.21E+00	1.43E-01	4.40E-04	1.13E-02	6.19E-03	1.13E-01	4.49E+00	7.01E-01	7.41E-07	2.22E-08	8.90E-04	4.70E-05	2.92E-01	1.95E-01	5.12E+00	2.43E-05	5.12E+00	5.44E+00	4.80E-01	0.00E+00	0.00E+00	3.90E-10	2.61E-01
AS2457	3.85E-03	2.28E-01	-4.38E-03	2.42E-01	2.10E-05	0.00E+00	2.68E+02	5.95E-05	1.88E-04	2.32E-03	3.27E-04	1.99E+00	2.25E-07	8.24E-08	6.81E+00	2.77E-01	4.37E-04	1.09E-02	5.02E-03	1.23E-01	4.44E+00	6.54E-01	2.87E-08	2.69E-08	9.89E-04	6.88E-05	4.17E-01	1.31E-01	4.99E+00	1.02E-04	4.99E+00	5.34E+00	3.92E-01	0.00E+00	0.00E+00	8.00E-04	2.01E-01
B45000	3.55E-03	2.77E-01	-2.30E-03	2.79E-01	1.46E-05	0.00E+00	1.88E+02	3.50E-05	2.41E-04	2.80E-03	3.71E-04	1.64E+00	7.25E-08	4.35E-08	3.79E+00	1.78E-01	5.12E-04	1.65E-02	7.64E-03	1.29E-01	4.75E+00	7.87E-01	3.23E-08	2.35E-08	1.01E-03	7.16E-05	3.25E-01	1.22E-01	5.68E+00	7.64E-05	5.65E+00	5.95E+00	5.72E-01	0.00E+00	0.00E+00	8.00E-04	3.32E-01

B45010	6.95E-03	5.65E-01	-1.59E-02	5.81E-01	5.96E-05	0.00E+00	6.21E+00	9.90E-05	4.87E-04	5.68E-03	6.01E-04	2.51E+00	3.00E-07	9.88E-08	5.83E+00	4.35E-01	8.14E-04	1.76E-02	6.10E-03	2.27E-01	9.41E+00	1.42E+00	3.83E-08	3.81E-08	1.81E-03	8.75E-05	8.31E-01	4.09E-01	1.08E+01	1.35E-04	1.08E+01	1.21E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-01
B45011	6.28E-03	4.98E-01	-2.26E-02	5.06E-01	5.56E-05	0.00E+00	6.02E+01	6.41E-05	4.22E-04	4.73E-03	6.79E-04	1.90E+00	3.41E-07	1.53E-07	5.09E+00	4.29E-01	9.17E-04	1.67E-02	9.03E-03	2.14E-01	9.29E+00	1.44E+00	4.84E-08	3.51E-08	1.76E-03	8.29E-05	8.22E-01	5.63E-01	1.12E+01	1.68E-04	1.12E+01	1.20E+01	1.17E+00	0.00E+00	0.00E+00	3.90E-10	5.15E-01
B45012	6.15E-03	4.00E-01	8.79E-03	4.05E-01	5.76E-05	0.00E+00	6.33E+01	6.19E-05	3.04E-04	3.21E-03	4.65E-04	1.93E+00	3.38E-07	1.52E-07	4.96E+00	4.20E-01	6.28E-04	1.59E-02	9.62E-03	2.02E-01	6.72E+00	1.11E+00	4.34E-08	3.41E-08	1.12E-03	7.06E-05	8.75E-01	1.01E-01	7.86E+00	1.89E-04	7.86E+00	8.76E+00	7.76E-01	0.00E+00	0.00E+00	3.90E-10	4.77E-01
B45013	6.05E-03	3.97E-01	4.35E-03	4.02E-01	5.36E-05	0.00E+00	6.49E+01	6.14E-05	3.04E-04	3.21E-03	4.65E-04	2.03E+00	3.31E-07	1.52E-07	4.99E+00	4.12E-01	6.28E-04	1.56E-02	9.63E-03	1.95E-01	6.62E+00	1.11E+00	4.10E-08	3.47E-08	1.12E-03	7.06E-05	8.52E-01	1.03E-01	7.76E+00	1.89E-04	7.76E+00	8.63E+00	7.78E-01	0.00E+00	0.00E+00	3.90E-10	4.87E-01
B45014	6.04E-03	4.93E-01	-2.22E-02	5.15E-01	5.61E-05	0.00E+00	8.60E+01	6.20E-05	4.12E-04	4.86E-03	6.87E-04	1.94E+00	3.40E-07	1.53E-07	4.99E+00	4.25E-01	9.23E-04	1.53E-02	9.18E-03	2.01E-01	1.04E+01	1.46E+00	4.55E-08	3.52E-08	1.75E-03	8.32E-05	8.24E-01	5.65E-01	1.12E+01	1.75E-04	1.12E+01	1.19E+01	1.15E+00	0.00E+00	0.00E+00	3.90E-10	5.12E-01
B45016	8.81E-03	9.59E-01	-4.80E-02	9.73E-01	5.19E-05	0.00E+00	1.20E+02	6.43E-05	7.83E-04	9.05E-03	9.59E-04	2.20E+00	3.62E-07	1.53E-07	5.23E+00	4.34E-01	1.58E-03	1.67E-02	1.14E-02	3.04E-01	1.46E+01	2.57E+00	5.60E-08	5.83E-08	2.90E-03	1.44E-04	9.08E-01	1.17E+00	1.74E+01	2.23E-04	1.74E+01	1.97E+01	1.65E+00	0.00E+00	0.00E+00	3.90E-10	6.16E-01
B45020	9.84E-03	8.03E-01	-4.80E-03	8.07E-01	8.14E-05	0.00E+00	9.11E+00	1.83E-04	6.62E-04	7.79E-03	8.06E-04	4.21E+00	6.32E-07	9.50E-08	9.71E+00	7.24E-01	1.09E-03	3.15E-02	1.32E-02	4.15E-01	1.32E+01	2.06E+00	4.75E-08	6.17E-08	2.59E-03	1.18E-04	1.43E+00	3.73E-01	1.53E+01	2.45E-04	1.53E+01	1.71E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-01
B45021	1.10E-02	8.47E-01	-4.93E-03	8.52E-01	8.30E-05	0.00E+00	9.79E+00	1.84E-04	7.24E-04	8.53E-03	8.07E-04	3.96E+00	5.95E-07	1.76E-07	9.15E+00	7.29E-01	1.09E-03	3.05E-02	9.34E-03	2.97E-01	1.41E+01	2.09E+00	7.38E-08	6.10E-08	2.81E-03	1.18E-04	1.24E+00	3.73E-01	1.62E+01	2.42E-04	1.62E+01	1.78E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-01
B45022	7.37E-03	5.75E-01	1.40E-02	5.97E-01	7.74E-05	0.00E+00	1.93E+01	1.65E-04	4.51E-04	5.51E-03	7.20E-04	4.09E+00	6.51E-07	1.70E-07	1.03E+01	6.42E-01	9.75E-04	2.41E-02	1.36E-02	2.59E-01	1.21E+01	1.68E+00	6.39E-08	5.43E-08	1.95E-03	1.15E-04	1.19E+00	1.39E-01	1.35E+01	2.30E-04	1.35E+01	1.49E+01	1.42E+00	0.00E+00	0.00E+00	3.90E-10	7.00E-01
B45023	7.37E-03	5.75E-01	1.40E-02	5.97E-01	7.74E-05	0.00E+00	1.93E+01	1.65E-04	4.51E-04	5.51E-03	7.20E-04	4.09E+00	6.51E-07	1.70E-07	1.03E+01	6.42E-01	9.75E-04	2.41E-02	1.36E-02	2.59E-01	1.21E+01	1.68E+00	6.39E-08	5.43E-08	1.95E-03	1.15E-04	1.19E+00	1.39E-01	1.35E+01	2.30E-04	1.35E+01	1.49E+01	1.42E+00	0.00E+00	0.00E+00	3.90E-10	7.00E-01
B45024	9.80E-03	7.93E-01	-4.99E-03	7.98E-01	7.97E-05	0.00E+00	9.06E+00	1.83E-04	6.57E-04	7.73E-03	8.05E-04	4.21E+00	6.32E-07	9.49E-08	9.71E+00	7.20E-01	1.09E-03	3.15E-02	1.32E-02	4.10E-01	1.31E+01	2.02E+00	4.74E-08	6.14E-08	2.57E-03	1.17E-04	1.42E+00	3.73E-01	1.51E+01	2.45E-04	1.51E+01	1.69E+01	1.79E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-01
B45026	1.02E-02	8.12E-01	-6.42E-03	8.00E-01	7.79E-05	0.00E+00	1.67E+01	1.69E-04	6.65E-04	7.95E-03	8.43E-04	4.36E+00	6.58E-07	1.71E-07	1.09E+01	6.90E-01	1.14E-03	2.84E-02	1.33E-02	3.24E-01	1.40E+01	1.95E+00	5.84E-08	6.22E-08	2.65E-03	1.33E-04	1.24E+00	3.32E-01	1.66E+01	2.45E-04	1.66E+01	1.84E+01	1.71E+00	0.00E+00	0.00E+00	3.90E-10	5.71E-01
B45030	1.54E-02	1.08E+00	-1.25E-02	1.09E+00	1.09E-04	0.00E+00	1.40E+01	2.76E-04	9.58E-04	1.12E-02	1.20E-03	5.94E+00	8.93E-07	2.64E-07	1.37E+01	1.05E+00	1.63E-03	4.46E-02	1.35E-02	3.68E-01	1.83E+01	2.79E+00	1.10E-07	8.58E-08	3.80E-03	1.57E-04	1.48E+00	5.99E-01	2.11E+01	3.52E-04	2.11E+01	2.32E+01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-01
B45031	1.23E-02	7.95E-01	7.07E-03	8.18E-01	8.92E-05	0.00E+00	3.11E+01	2.28E-04	7.17E-04	7.06E-03	1.01E-03	4.72E+00	7.41E-07	1.76E-07	1.22E+01	7.12E-01	1.37E-03	3.52E-02	1.51E-02	3.47E-01	1.30E+01	2.02E+00	9.56E-08	6.74E-08	2.72E-03	1.50E-04	1.09E+00	1.58E-01	1.72E+01	3.06E-04	1.72E+01	1.85E+01	1.72E+00	0.00E+00	0.00E+00	3.90E-10	6.11E-01
B45032	1.23E-02	8.09E-01	6.79E-03	8.29E-01	8.88E-05	0.00E+00	2.41E+01	2.27E-04	7.19E-04	7.05E-03	1.01E-03	4.74E+00	7.54E-07	1.77E-07	1.22E+01	7.25E-01	1.37E-03	3.52E-02	1.54E-02	3.42E-01	1.46E+01	2.00E+00	9.87E-08	6.77E-08	2.71E-03	1.50E-04	1.14E+00	1.76E-01	1.83E+01	2.97E-04	1.83E+01	1.98E+01	1.75E+00	0.00E+00	0.00E+00	3.90E-10	6.17E-01
B45033	1.23E-02	8.09E-01	6.79E-03	8.29E-01	8.88E-05	0.00E+00	2.41E+01	2.27E-04	7.19E-04	7.05E-03	1.01E-03	4.74E+00	7.54E-07	1.77E-07	1.22E+01	7.25E-01	1.37E-03	3.52E-02	1.54E-02	3.42E-01	1.46E+01	2.00E+00	9.87E-08	6.77E-08	2.71E-03	1.50E-04	1.14E+00	1.76E-01	1.83E+01	2.97E-04	1.83E+01	1.98E+01	1.75E+00	0.00E+00	0.00E+00	3.90E-10	6.17E-01
B45034	1.28E-02	9.83E-01	-1.77E-02	9.84E-01	9.79E-05	0.00E+00	4.03E+01	2.34E-04	8.43E-04	9.77E-03	1.19E-03	4.90E+00	7.57E-07	1.86E-07	1.22E+01	8.89E-01	1.60E-03	3.72E-02	1.48E-02	3.69E-01	1.54E+01	3.03E+00	9.76E-08	7.35E-08	3.33E-03	1.51E-04	1.18E+00	4.99E-01	1.92E+01	2.85E-04	1.92E+01	2.13E+01	1.80E+00	0.00E+00	0.00E+00	3.90E-10	6.50E-01
B88100	3.64E-03	3.90E-01	-1.08E-02	4.00E-01	3.78E-05	0.00E+00	9.40E+01	5.14E-05	3.20E-04	3.56E-03	4.80E-04	1.34E+00	2.03E-07	3.53E-08	3.22E+00	2.35E-01	6.49E-04	9.61E-03	2.75E-02	1.84E-01	6.35E+00	1.20E+00	1.67E-08	2.28E-08	1.16E-03	5.56E-05	4.70E-01	2.73E-01	7.55E+00	1.20E-04	7.55E+00	8.29E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+00
B88102	2.34E-03	2.37E-01	-1.70E-02	2.43E-01	2.68E-05	0.00E+00	1.95E+02	3.51E-05	1.77E-04	1.97E-03	3.31E-04	1.23E+00	1.80E-07	2.36E-08	2.24E+00	2.51E-01	4.47E-04	9.18E-03	9.49E-03	1.26E-01	4.41E+00	6.87E-01	6.09E-08	1.47E-08	8.14E-04	4.66E-05	3.24E-01	4.11E-01	4.94E+00	2.86E-05	4.94E+00	5.16E+00	4.79E-01	0.00E+00	0.00E+00	9.15E-04	3.55E-01
B88122	8.57E-03	8.34E-01	-3.60E-02	8.70E-01	7.36E-05	0.00E+00	1.80E+02	1.11E-04	7.34E-04	8.14E-03	1.11E-03	2.83E+00	4.28E-07	7.36E-08	7.91E+00	4.89E-01	1.50E-03	2.07E-02	5.58E-02	3.75E-01	1.40E+01	2.43E+00	4.82E-08	5.30E-08	2.68E-03	1.12E-04	9.72E-01	7.18E-01	1.64E+01	2.27E-04	1.64E+01	1.81E+01	1.69E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+00
GD20009011	2.58E-02	1.70E+00	1.92E-02	1.58E+00	4.35E-05	0.00E+00	2.47E+03	5.92E-04	1.59E-03	1.74E-02	1.74E-03	1.44E+01	4.90E-07	3.67E-07	3.30E+01	1.82E+00	2.38E-03	9.13E-02	3.71E-02	4.57E-01	2.97E+01	4.58E+00	1.31E-07	1.45E-07	6.23E-03	1.46E-04	2.05E+00	2.33E-01	3.20E+01	2.59E-04	3.22E+01	3.40E+01	2.41E+00	0.00E+00	0.00E+00	3.90E-10	1.70E+00
GD20017035	2.61E-02	1.79E+00	1.39E-02	1.70E+00	4.35E-05	0.00E+00	2.63E+03	5.94E-04	1.60E-03	1.80E-02	1.79E-03	1.44E+01	4.90E-07	3.68E-07	3.31E+01	1.82E+00	2.42E-03	9.15E-02	3.66E-02	4.27E-01	3.02E+01	4.71E+00	1.22E-07	1.57E-07	6.33E-03	1.43E-04	2.01E+00	2.44E-01	3.36E+01	2.56E-04	3.37E+01	3.57E+01	2.49E+00	0.00E+00	0.00E+00	3.90E-10	1.71E+00
GD20019011	2.80E-02	1.99E+00	8.31E-03	1.97E+00	4.46E-05	0.00E+00	2.81E+03	6.06E-04	1.65E-03	1.90E-02	1.87E-03	1.51E+01	5.07E-07	3.77E-07	3.40E+01	1.87E+00	2.52E-03	9.31E-02	4.20E-02	4.00E-01	3.08E+01	4.81E+00	1.44E-07	1.77E-07	6.58E-03	1.40E-04	2.17E+00	5.40E-01	3.60E+01	4.16E-04	3.59E+01	3.87E+01	2.63E+00	0.00E+00	0.00E+00	3.90E-10	1.79E+00
GD20019016	2.77E-02	2.02E+00	1.97E-02	2.00E+00	4.35E-05	0.00E+00	2.64E+03	5.95E-04	1.64E-03	1.88E-02	1.87E-03	1.47E+01	5.02E-07	3.68E-07	3.31E+01	1.82E+00	2.52E-03	9.16E-02	4.14E-02	3.93E-01	3.06E+01	4.73E+00	1.54E-07	1.70E-07	6.48E-03	1.31E-04	2.46E+00	1.88E-01	3.65E+01	3.99E-04	3.68E+01	4.01E+01	2.80E+00	0.00E+00	0.00E+00	3.90E-10	1.75E+00
GD30007035	3.19E-02	2.40E+00	2.20E-02	2.37E+00	6.03E-05	0.00E+00	3.12E+03	6.41E-04	1.90E-03	2.06E-02	2.42E-03	1.62E+01	7.14E-07	4.01E-07	3.59E+01	2.00E+00	3.36E-03	1.01E-01	4.38E-02	5.82E-01	3.71E+01	6.22E+00	1.63E-07	1.92E-07	7.10E-03	1.50E-04	2.58E+00	3.77E-01	4.04E+01	4.81E-04	4.05E+01	4.28E+01	3.03E+00	0.00E+00	0.00E+00	3.90E-10	1.87E+00
GD30009011	3.19E-02	2.40E+00	2.20E-02	2.38E+00	6.03E-05	0.00E+00	3.12E+03	6.41E-04	1.90E-03	2.07E-02	2.42E-03	1.62E+01	7.14E-07	4.01E-07	3.59E+01	2.00E+00	3.37E-03	1.01E-01	4.36E-02	5.82E-01	3.71E+01	6.22E+00	1.63E-07	1.92E-07	7.10E-03	1.50E-04	2.58E+00	4.91E-01	4.04E+01	4.81E-04	4.06E+01	4.28E+01	3.03E+00	0.00E+00	0.00E+00	3.90E-10	1.86E+00
GD30017035	3.20E-02	2.41E+00	1.35E-02	2.38E+00	6.05E-05	0.00E+00	3.27E+03	6.45E-04	1.90E-03	2.06E-02	2.42E-03	1.61E+01	7.11E-07	4.01E-07	3.60E+01	1.97E+00	3.36E-03	1.01E-01	4.34E-02	5.09E-01	3.75E+01	6.36E+00	1.62E-07	1.93E-07	7.08E-03	1.46E-04	2.44E+00	3.42E-01	4.11E+01	4.86E-04	4.12E+01	4.38E+01	3.02E+00	0.00E+00	0.00E+00	3.90E-10	1.85E+00
GD30019011	3.25E-02	2.41E+00	-1.88E-02	2.41E+00	6.16E-05	0.00E+00	3.41E+03	6.60E-04	1.89E-03	2.06E-02	2.41E-03	1.61E+01	7.17E-07	4.09E-07	3.72E+01	2.03E+00	3.38E-03	1.02E-01	4.73E-02	5.08E-01	3.61E+01	6.41E+00	1.74E-07	2.00E-07	7.06E-03	2.10E-04	2.38E+00	1.17E+00	4.19E+01	4.94E-04	4.20E+01	4.47E+01	3.19E+00	0.00E+00	0.00E+00	3.90E-10	2.07E+00
GD30019016	3.25E-02	2.39E+00	-1.67E-01	2.38E+00	6.17E-05	0.00E+00	3.46E+03	6.60E-04	1.89E-03	2.07E-02	2.40E-03	1.61E+01	7.17E-07	4.09E-07	3.72E+01	2.03E+00	3.38E-03	1.02E-01	4.83E-02	4.97E-01	3.60E+01	6.41E+00	1.73E-07	1.99E-07	6.99E-03	2.02E-04	2.26E+00	2.03E+00	4.16E+01	4.94E-04	4.17E+01	4.42E+01	3.22E+00	0.00E+00	0.00E+00	3.90E-10	2.16E+00
GDE20017035	2.79E-02	1.99E+00	5.07E-03	1.96E+00	4.46E-05	0.00E+00	2.81E+03	6.06E-04	1.65E-03	1.90E-02	1.89E-03	1.51E+01	5.09E-07	3.77E-07	3.41E+01	1.87E+00	2.52E-03	9.29E-02	4.21E-02	3.96E-01	3.07E+01	4.74E+00	1.43E-07	1.76E-07	6.60E-03	1.40E-04	2.17E+00	6.60E-01	3.58E+01	4.16E-04	3.57E+01	3.85E+01	2.62E+00	0.00E+00	0.00E+00	3.90E-10	1.79E+00
GDE20019016	2.77E-02	1.99E+00	1.40E-02	1.97E+00	4.34E-05	0.00E+00	2.63E+03	5.94E-04	1.65E-03	1.88E-02	1.88E-03	1.47E+01	5.02E-07	3.68E-07	3.31E+01	1.82E+00	2.52E-03	9.16E-02	4.06E-02	3.91E-01	3.09E+01	4.75E+00	1.39E-07	1.69E-07	6.44E-03	1.27E-04	2.19E+00	3.23E-01	3.56E+01	3.99E-04	3.57E+01	3.86E+01	2.69E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
GDE30019016	3.20E-02	2.40E+00	1.35E-02	2.35E+00	6.06E-05	0.00E+00	3.27E+03	6.45E-04	1.88E-03	2.02E-02	2.38E-03	1.61E+01	7.11E-07	4.01E-07	3.60E+01	1.97E+00	3.36E-03	1.01E-01	4.42E-02	4.92E-01	3.62E+01	6.36E+00	1.60E-07	1.91E-07	7.07E-03	1.38E-04	2.33E+00	3.40E-01	4.11E+01	4.70E-04	4.12E+01	4.37E+01	3.02E+00	0.00E+00	0.00E+00	3.90E-10	1.90E+00
GE20103020	1.92E-02	1.77E+00	-3.39E-03	1.82E+00	1.63E-05	0.00E+00	1.84E+03	1.26E-04	1.67E-03	1.74E-02	1.16E-03	8.05E+00	1.18E-07	2.34E-07	6.80E+00	5.25E-01	2.52E-03	4.70E-02	4.68E-02	3.77E-01	3.45E+01	4.66E+00	4.53E-07	1.41E-07	6.57E-03	1.54E-04	1.76E+00	5.95E-01	3.76E+01	4.41E-04	3.73E+01	3.97E+01	2.19E+00	0.00E+00	0.00E+00	3.90E-10	1.82E+00
GE20109016	1.91E-02	1.79E+00	7.69E-03	1.84E+00	1.60E-05	0.00E+00	1.76E+03	1.25E-04	1.67E-03	1.74E-02	1.18E-03	7.17E+00	1.07E-07	2.29E-07	6.66E+00	5.13E-01	2.51E-03	4.57E-02	4.50E-02	4.00E-01	3.59E+01	4.65E+00	4.47E-07	1.43E-07	6.54E-03	1.51E-04	2.19E+00	1.95E-01	3.81E+01	4.16E-04	3.82E+01	4.05E+01	2.37E+00	0.00E+00	0.00E+00	3.90E-10	1.76E+00
GE20113020	1.92E-02	1.81E+00	5.20E-03	1.86E+00	1.64E-05	0.00E+00	1.82E+03	1.27E-04	1.67E-03	1.73E-02	1.19E-03	7.19E+00	1.15E-07	2.29E-07	6.69E+00	5.12E-01	2.65E-03	4.56E-02	4.46E-02	4.05E-01	3.63E+01	4.64E+00	4.48E-07	1.43E-07	6.46E-03	1.49E-04	1.69E+00	2.45E-01	3.86E+01	4.26E-04	3.85E+01	4.05E+01	2.27E+00	0.00E+00	0.00E+00	3.90E-10	1.74E+00
GE20119016	1.93E-02	1.76E+00	-2.21E-02	1.85E+00	1.61E-05	0.00E+00	1.88E+03	1.32E-04	1.66E-03	1.73E-02	1.58E-03	8.05E+00	1.38E-07	2.33E-07	6.88E+00	5.18E-01	2.70E-03	4.74E-02	4.69E-02	3.88E-01	3.51E+01	4.52E+00	4.54E-07	1.44E-07	6.46E-03	1.68E-04	1.61E+00	7.76E-01	3.87E+01	4.44E-04	3.83E+01	4.05E+01	2.21E+00	0.00E+00	0.00E+00	3.90E-10	1.80E+00
GS10017035	1.01E-02	1.62E+00	-3.29E-03	1.62E+00	2.31E-05	0.00E+00	2.10E+03	2.72E-05	1.14E-03	1.28E-02	0.00E+00	6.52E+00	4.26E-08	9.49E-08	2.14E+00	7.51E-02	2.51E-03	3.52E-02	5.59E-02	3.21E-01	3.40E+01	4.42E+00	9.32E-07	6.20E-08	4.10E-03	9.72E-05	1.28E+00	5.07E-01	3.84E+01	4.65E-04	3.84E+01	4.02E+01	1.79E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+00
GS10019011	1.01E-02	1.62E+00	-3.21E-03	1.62E+00	2.27E-05	0.00E+00	2.10E+03	2.72E-05	1.14E-03	1.28E-02	0.00E+00	6.52E+00	4.26E-08	9.49E-08	2.14E+00	7.40E-02	2.51E-03	3.52E-02	5.59E-02	3.21E-01	3.41E+01	4.41E+00	9.32E-07	6.22E-08	4.12E-03	9.69E-05	1.31E+00	5.07E-01	3.85E+01	4.65E-04	3.85E+01	4.03E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+00
GS10019016	1.15E-02	1.80E+00	-6.53E-03	1.80E+00	2.26E-05	0.00E+00	2.11E+03	5.82E-05	1.34E-03	1.47E-02	1.82E-03	1.16E+00	1.71E-07	6.91E-08	4.63E+00	1.86E-01	2.46E-03	2.98E-02	1.65E-02	5.97E-01	4.47E+01	4.44E+00	9.00E-07	7.01E-08	4.83E-03	3.71E-04	9.96E-01	5.03E-01	4.92E+01	7.59E-05	4.92E+01	5.07E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-01
GS1001LAN	1.05E-02	1.67E+00	-3.29E-03	1.68E+00	2.31E-05	0.00E+00	2.10E+03	2.72E-05	1.17E-03	1.31E-02	0.00E+00	6.53E+00	4.26E-08	9.51E-08	2.14E+00	7.51E-02	2.51E-03	3.52E-02	5.62E-02	3.25E-01	3.54E+01	4.42E+00	9.40E-07	6.40E-08	4.42E-03	1.03E-04	1.28E+00	5.07E-01	3.98E+01	4.65E-04	3.98E+01	4.16E+01	1.79E+00	0.00E+00	0.00E+00	0.00E+00	2.41E+00
GS11003020	2.55E-02	1.68E+00	1.63E-02	1.57E+00	4.33E-05	0.00E+00	1.79E+03	5.67E-04	1.59E-03	1.74E-02	1.78E-03	1.43E+01	4.87E-07	3.67E-07	3.14E+01	1.82E+00	2.40E-03	8.93E-02	3.73E-02	4.63E-01	3.19E+01	4.59E+00	1.24E-07	1.45E-07	6.21E-03	1.47E-04	1.95E+00	2.48E-01	3.23E+01	1.63E-04	3.23E+01	3.52E+01	2.34E+00	0.00E+00	0.00E+00	3.90E-10	1.50E+00
GS11009011	2.74E-02	1.99E+00	1.73E-02	1.95E+00	4.33E-05	0.00E+00	1.83E+03	5.67E-04	1.63E-03	1.83E-02	2.16E-03	1.45E+01	5.33E-07	3.67E-07	3.12E+01	1.82E+00	2.84E-03	8.86E-02	3.90E-02	4.72E-01	3.43E+01	4.75E+00	1.36E-07	1.75E-07	6.39E-03	1.49E-04	2.03E+00	2.55E-01	3.85E+01	1.63E-04	3.84E+01	4.16E+01	2.59E+00	0.00E+00	0.00E+00	3.90E-10	1.55E+00
GS11009016	2.56E-02	1.68E+00	1.64E-02	1.57E+00	4.34E-05	0.00E+00	1.79E+03	5.67E-04	1.59E-03	1.74E-02	1.78E-03	1.43E+01	4.87E-07	3.67E-07	3.13E+01	1.82E+00	2.40E-03	8.92E-02	3.73E-02	4.65E-01	3.19E+01	4.58E+00	1.24E-07	1.45E-07	6.21E-03	1.46E-04	1.96E+00	2.48E-01	3.23E+01	1.63E-04	3.23E+01	3.52E+01	2.34E+00	0.00E+00	0.00E+00	3.90E-10	1.51E+00
GS11013020	2.75E-02	2.02E+00	1.30E-02	1.98E+00	4.37E-05	0.00E+00	1.94E+03	5.97E-04	1.63E-03	1.87E-02	2.16E-03	1.45E+01	5.34E-07	3.67E-07	3.33E+01	1.82E+00	2.84E-03	9.03E-02	3.91E-02	4.72E-01	3.52E+01	4.79E+00	1.36E-07	1.77E-07	6.40E-03	1.41E-04	1.82E+00	2.57E-01	3.96E+01	1.63E-04	3.95E+01	4.27E+01	2.56E+00	0.00E+00	0.00E+00	3.90E-10	1.53E+00
GS11019011	2.75E-02	2.00E+00	1.18E-02	1.95E+00	4.37E-05	0.00E+00	1.93E+03	5.97E-04	1.64E-03	1.86E-02	1.91E-03	1.46E+01	5.01E-07	3.67E-07	3.33E+01	1.82E+00	2.63E-03	9.11E-02	3.97E-02	4.53E-01	3.48E+01	4.66E+00	1.32E-07	1.75E-07	6.39E-03	1.35E-04	1.80E+00	2.57E-01	3.79E+01	1.62E-04	3.77E+01	4.16E+01	2.59E+00	0.00E+00	0.00E+00	3.90E-10	1.52E+00
GS11019016	2.75E-02	2.03E+00	1.31E-02	1.98E+00	4.38E-05	0.00E+00	1.94E+03	5.97E-04	1.63E-03	1.87E-02	2.16E-03	1.45E+01	5.34E-07	3.67E-07	3.32E+01	1.82E+00	2.84E-03	9.02E-02	3.91E-02	4.76E-01	3.52E+01	4.79E+00	1.36E-07	1.77E-07	6.40E-03	1.42E-04	1.83E+00	2.57E-01	3.96E+01	1.63E-04	3.95E+01	4.27E+01	2.56E+00	0.00E+00	0.00E+00	3.90E-10	1.53E+00
GS12003020	2.74E-02	2.06E+00	1.65E-02	1.95E+00	6.91E-05	0.00E+00	1.83E+03	5.91E-04	1.63E-03	1.84E-02	1.87E-03	1.46E+01	5.00E-07	3.67E-07	3.30E+01	1.82E+00	2.57E-03	9.08E-02	3.82E-02	4.76E-01	3.46E+01	4.57E+00	1.47E-07	1.78E-07	6.39E-03	1.55E-04	2.30E+00	2.47E-01	3.76E+01	1.63E-04	3.71E+01	4.15E+01	2.58E+00	0.00E+00	0.00E+00	3.90E-10	1.48E+00
GS12009011	2.75E-02	2.09E+00	1.64E-02	1.96E+00	6.91E-05	0.00E+00	1.86E+03	5.91E-04	1.63E-03	1.85E-02	1.94E-03	1.46E+01	5.00E-07	3.67E-07	3.30E+01	1.82E+00	2.69E-03	9.08E-02	3.83E-02	4.74E-01	3.47E+01	4.60E+00	1.47E-07	1.78E-07	6.41E-03	1.55E-04	2.30E+00	2.47E-01	3.77E+01	1.62E-04	3.73E+01	4.17E+01	2.63E+00	0.00E+00	0.00E+00	3.90E-10	1.47E+00
GS12009016	2.74E-02	2.06E+00	1.65E-02	1.95E+00	6.91E-05	0.00E+00	1.83E+03	5.91E-04	1.63E-03	1.84E-02	1.87E-03	1.46E+01	5.00E-07	3.67E-07	3.30E+01	1.82E+00	2.57E-03	9.08E-02	3.82E-02	4.76E-01	3.46E+01	4.57E+00	1.47E-07	1.78E-07	6.39E-03	1.55E-04	2.30E+00	2.47E-01	3.76E+01	1.63E-04	3.71E+01	4.15E+01	2.58E+00	0.00E+00	0.00E+00	3.90E-10	1.48E+00
GS12013020	2.77E-02	2.08E+00	1.19E-02	2.00E+00	6.91E-05	0.00E+00	1.93E+03	5.97E-04	1.64E-03	1.83E-02	1.92E-03	1.46E+01	5.04E-07	3.67E-07	3.32E+01	1.82E+00	2.69E-03	9.13E-02	3.83E-02	4.71E-01	3.48E+01	4.67E+00	1.35E-07	1.74E-07	6.39E-03	1.44E-04	1.84E+00	2.54E-01	3.80E+01	1.61E-04	3.81E+01	4.19E+01	2.55E+00	0.00E+00	0.00E+00	3.90E-10	1.47E+00
GS12019011	2.76E-02	2.05E+00	1.20E-02	1.97E+00	6.91E-05	0.00E+00	1.89E+03	5.97E-04	1.63E-03	1.82E-02	1.87E-03	1.46E+01	5.02E-07	3.67E-07	3.32E+01	1.82E+00	2.57E-03	9.13E-02	3.84E-02	4.73E-01	3.46E+01	4.62E+00	1.34E-07	1.73E-07	6.38E-03	1.44E-04	1.82E+00	2.54E-01	3.78E+01	1.61E-04	3.78E+01	4.14E+01	2.53E+00	0.00E+00	0.00E+00	3.90E-10	1.47E+00
GS12019016	2.73E-02	2.07E+00	1.18E-02	1.99E+00	6.95E-05	0.00E+00	1.94E+03	5.98E-04	1.62E-03	1.80E-02	1.92E-03	1.46E+01	5.04E-07	3.67E-07	3.32E+01	1.83E+00	2.69E-03	9.13E-02	3.87E-02	4.90E-01	3.47E+01	4.67E+00	1.53E-07	1.64E-07	6.15E-03	1.56E-04	1.83E+00	3.18E-01	3.78E+01	1.60E-04	3.78E+01	4.13E+01	2.53E+00	0.00E+00	0.00E+00	3.90E-10	1.45E+00
GS20003020	2.70E-02	1.87E+00	1.89E-02	1.85E+00	4.45E-05	0.00E+00	2.43E+03	5.92E-04	1.56E-03	1.76E-02	1.85E-03	1.47E+01	5.04E-07	3.61E-07	3.31E+01	1.82E+00	2.51E-03	9.14E-02	4.05E-02	4.23E-01	2.86E+01	4.56E+00	1.38E-07	1.67E-07	6.14E-03	1.15E-04	2.20E+00	4.62E-01	3.31E+01	4.79E-04	3.31E+01	3.58E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
GS20009011	2.75E-02	1.93E+00	1.99E-02	1.91E+00	4.29E-05	0.00E+00	2.43E+03	5.92E-04	1.61E-03	1.82E-02	1.85E-03	1.47E+01	5.04E-07	3.62E-07	3.30E+01	1.81E+00	2.50E-03	9.14E-02	4.06E-02	4.30E-01	2.95E+01	4.52E+00	1.38E-07	1.69E-07	6.31E-03	1.14E-04	2.23E+00	4.46E-01	3.40E+01	4.12E-04	3.40E+01	3.67E+01	2.68E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
GS20013020	2.78E-02	2.02E+00	1.39E-02	2.00E+00	4.29E-05	0.00E+00	2.74E+03	5.95E-04	1.67E-03	1.89E-02	1.95E-03	1.47E+01	5.06E-07	3.63E-07	3.30E+01	1.81E+00	2.64E-03	9.15E-02	4.02E-02	3.60E-01	3.06E+01	4.92E+00	1.40E-07	1.70E-07	6.49E-03	1.09E-04	2.12E+00	5.27E-01	3.55E+01	4.05E-04	3.55E+01	3.82E+01	2.65E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
GS20019011	2.78E-02	2.02E+00	1.39E-02	2.00E+00	4.29E-05	0.00E+00	2.74E+03	5.95E-04	1.67E-03	1.89E-02	1.95E-03	1.47E+01	5.06E-07	3.63E-07	3.30E+01	1.81E+00	2.64E-03	9.15E-02	4.02E-02	3.60E-01	3.06E+01	4.92E+00	1.40E-07	1.70E-07	6.49E-03	1.09E-04	2.12E+00	5.27E-01	3.55E+01	4.05E-04	3.55E+01	3.82E+01	2.64E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
GS20019016	2.78E-02	2.02E+00	1.39E-02	2.00E+00	4.36E-05	0.00E+00	2.74E+03	5.95E-04	1.67E-03	1.89E-02	1.95E-03	1.47E+01	5.06E-07	3.63E-07	3.30E+01	1.81E+00	2.65E-03	9.15E-02	4.03E-02	3.61E-01	3.06E+01	4.94E+00	1.40E-07	1.70E-07	6.49E-03	1.10E-04	2.12E+00	5.27E-01	3.56E+01	4.05E-04	3.56E+01	3.82E+01	2.65E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
GS20109011	2.52E-02	1.71E+00	2.19E-02	1.69E+00	4.05E-05	0.00E+00	2.31E+03	3.19E-05	1.33E-03	1.52E-02	0.00E+00	1.47E+01	2.40E-08	3.14E-07	1.55E+00	4.85E-01	2.48E-03	9.50E-02	2.84E-02	4.46E-01	2.60E+01	4.38E+00	1.21E-07	1.58E-07	5.32E-03	1.00E-04	5.57E+00	3.89E-01	3.04E+01	4.04E-04	3.04E+01	3.63E+01	5.96E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
GS20109016	2.77E-02	1.97E+00	1.99E-02	1.95E+00	4.32E-05	0.00E+00	2.46E+03	5.92E-04	1.64E-03	1.87E-02	1.86E-03	1.47E+01	5.04E-07	3.62E-07	3.30E+01	1.81E+00	2.51E-03	9.14E-02	4.06E-02	4.37E-01	3.01E+01	4.57E+00	1.38E-07	1.71E-07	6.42E-03	1.16E-04	2.37E+00	4.47E-01	3.47E+01	4.12E-04	3.47E+01	3.75E+01	2.81E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00
GS20119011	2.55E-02	1.79E+00	1.68E-02	1.78E+00	4.05E-05	0.00E+00	2.62E+03	3.55E-05	1.40E-03	1.59E-02	0.00E+00	1.47E+01	2.65E-08	3.15E-07	1.56E+00	5.02E-01	2.62E-03	9.54E-02	2.81E-02	3.75E-01	2.71E+01	4.78E+00	1.24E-07	1.59E-07	5.49E-03	9.57E-05	5.61E+00	4.70E-01	3.19E+01	3.97E-04	3.19E+01	3.80E+01	6.08E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
GS20119016	2.80E-02	2.06E+00	1.39E-02	2.04E+00	4.32E-05	0.00E+00	2.77E+03	5.96E-04	1.71E-03	1.94E-02	1.96E-03	1.47E+01	5.07E-07	3.63E-07	3.30E+01	1.81E+00	2.65E-03	9.15E-02	4.03E-02	3.66E-01	3.13E+01	4.97E+00	1.40E-07	1.71E-07	6.60E-03	1.11E-04	2.25E+00	5.27E-01	3.62E+01	4.05E-04	3.62E+01	3.90E+01	2.78E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
GS30003020	3.20E-02	2.39E+00	1.75E-02	2.38E+00	6.50E-05	0.00E+00	3.25E+03	6.69E-04	1.97E-03	2.23E-02	2.59E-03	1.70E+01	7.52E-07	4.15E-07	3.81E+01	2.08E+00	3.50E-03	1.03E-01	4.76E-02	6.24E-01	3.66E+01	6.14E+00	1.68E-07	2.00E-07	7.60E-03	1.61E-04	3.05E+00	6.22E-01	4.27E+01	6.29E-04	4.27E+01	4.64E+01	3.67E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+00
GS30009011	2.95E-02	2.16E+00	2.45E-02	2.13E+00	6.06E-05	0.00E+00	3.09E+03	4.18E-05	1.66E-03	1.89E-02	0.00E+00	1.70E+01	3.21E-08	3.61E-07	1.67E+00	6.18E-01	3.45E-03	1.08E-01	3.38E-02	6.37E-01	3.27E+01	5.91E+00	1.47E-07	1.88E-07	6.50E-03	1.40E-04	6.94E+00	5.34E-01	3.86E+01	5.23E-04	3.86E+01	4.61E+01	7.47E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
GS30009016	3.25E-02	2.45E+00	1.85E-02	2.43E+00	6.37E-05	0.00E+00	3.26E+03	6.69E-04	2.02E-03	2.28E-02	2.58E-03	1.70E+01	7.52E-07	4.16E-07	3.80E+01	2.08E+00	3.50E-03	1.03E-01	4.76E-02	6.30E-01	3.74E+01	6.11E+00	1.68E-07	2.02E-07	7.76E-03	1.60E-04	3.00E+00	6.07E-01	4.35E+01	5.28E-04	4.35E+01	4.71E+01	3.61E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+00
GS30013020	3.09E-02	2.42E+00	9.26E-03	2.41E+00	6.24E-05	0.00E+00	3.51E+03	4.75E-05	1.89E-03	2.11E-02	2.64E-03	1.69E+01	3.60E-08	3.66E-07	7.89E-01	1.84E-01	3.58E-03	1.08E-01	3.38E-02	5.40E-01	3.66E+01	6.52E+00	1.54E-07	1.93E-07	7.24E-03	1.32E-04	3.03E+00	7.33E-01	4.31E+01	5.29E-04	4.31E+01	4.69E+01	3.76E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
GS30019011	3.28E-02	2.51E+00	2.87E-03	2.51E+00	6.27E-05	0.00E+00	3.60E+03	6.74E-04	2.07E-03	2.34E-02	2.68E-03	1.69E+01	7.56E-07	4.16E-07	3.80E+01	2.07E+00	3.62E-03	1.03E-01	4.67E-02	4.85E-01	3.82E+01	6.53E+00	1.70E-07	2.01E-07	7.91E-03	1.48E-04	2.66E+00	8.06E-01	4.48E+01	5.14E-04	4.48E+01	4.82E+01	3.46E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+00
GS30019016	3.28E-02	2.52E+00	2.96E-03	2.51E+00	6.37E-05	0.00E+00	3.60E+03	6.74E-04	2.08E-03	2.34E-02	2.68E-03	1.69E+01	7.56E-07	4.16E-07	3.80E+01	2.08E+00	3.63E-03	1.03E-01	4.67E-02	4.87E-01	3.83E+01	6.55E+00	1.70E-07	2.01E-07	7.92E-03	1.49E-04	2.66E+00	8.07E-01	4.48E+01	5.14E-04	4.48E+01	4.83E+01	3.46E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+00
MK087-32	3.10E-03	2.61E-01	2.20E-03	2.67E-01	1.19E-05	0.00E+00	2.75E+02	4.46E-05	1.72E-04	2.26E-03	2.60E-04	1.84E+00	1.09E-07	4.54E-08	4.06E+00	1.19E-01	3.28E-04	8.15E-03	5.54E-03	1.27E-01	4.25E+00	6.29E-01	2.41E-07	2.30E-08	6.85E-04	5.90E-05	3.33E-01	7.74E-02	4.71E+00	7.79E-05	4.69E+00	5.12E+00	3.61E-01	0.00E+00	0.00E+00	8.00E-04	1.81E-01
MK087-61	3.60E-03	1.94E-01	-2.04E-03	2.02E-01	2.11E-05	0.00E+00	2.69E+02	5.99E-05	1.48E-04	1.82E-03	2.58E-04	1.96E+00	2.10E-07	8.29E-08	6.82E+00	2.71E-01	3.18E-04	1.05E-02	5.67E-03	1.18E-01	3.83E+00	6.11E-01	1.59E-07	2.68E-08	6.85E-04	6.89E-05	4.16E-01	8.54E-02	4.15E+00	1.03E-04	4.15E+00	4.39E+00	3.70E-01	0.00E+00	0.00E+00	8.00E-04	1.94E-01
SN013	2.44E-03	3.60E-01	-2.72E-02	3.87E-01	2.85E-05	0.00E+00	4.50E+02	2.44E-05	2.98E-04	3.14E-03	6.98E-04	1.07E+00	1.09E-07	2.31E-08	2.31E+00	1.19E-01	9.44E-04	4.73E-03	1.69E-02	1.46E-01	7.85E+00	1.25E+00	2.45E-08	2.42E-08	9.60E-04	5.84E-05	4.27E-01	4.48E-01	9.11E+00	1.54E-05	9.11E+00	9.98E+00	8.75E-01	0.00E+00	0.00E+00	0.00E+00	7.25E-01
SN013QC	3.49E-03	4.58E-01	-2.62E-02	4.84E-01	3.21E-05	0.00E+00	6.50E+02	2.32E-05	3.76E-04	4.04E-03	7.30E-04	1.55E+00	1.33E-08	3.19E-08	3.52E+00	1.32E-01	9.88E-04	4.69E-03	5.30E-03	1.63E-01	1.01E+01	1.59E+00	2.96E-08	3.14E-08	1.23E-03	6.09E-05	9.10E-01	4.52E-01	1.17E+01	1.89E-05	1.17E+01	1.30E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-01
SN015	3.57E-03	4.03E-01	-2.67E-02	4.30E-01	2.78E-05	0.00E+00	4.51E+02	3.55E-05	3.41E-04	3.63E-03	7.67E-04	1.46E+00	1.67E-07	5.45E-08	3.19E+00	1.41E-01	1.04E-03	6.32E-03	2.59E-02	1.30E-01	8.96E+00	1.24E+00	3.49E-08	2.88E-08	1.15E-03	6.07E-05	4.01E-01	4.55E-01	1.02E+01	2.07E-05	1.02E+01	1.11E+01	8.56E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+00
SN015QC	4.73E-03	5.05E-01	-2.48E-02	5.29E-01	3.36E-05	0.00E+00	6.50E+02	3.13E-05	4.17E-04	4.52E-03	7.77E-04	2.27E+00	1.41E-08	4.51E-08	5.13E+00	1.61E-01	1.05E-03	6.16E-03	7.39E-03	1.87E-01	1.08E+01	1.63E+00	3.41E-08	3.88E-08	1.43E-03	6.64E-05	9.70E-01	4.56E-01	1.25E+01	2.72E-05	1.25E+01	1.39E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-01
SN016	6.61E-03	6.40E-01	-2.45E-02	6.65E-01	1.50E-05	0.00E+00	8.33E+02	1.35E-04	5.67E-04	6.22E-03	7.58E-04	2.93E+00	2.69E-07	8.26E-08	6.66E+00	3.19E-01	1.03E-03	1.87E-02	8.15E-03	1.58E-01	9.54E+00	1.61E+00	3.33E-08	4.51E-08	1.96E-03	4.18E-05	5.77E-01	4.65E-01	1.12E+01	1.42E-04	1.12E+01	1.22E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-01
SN016P	6.48E-03	6.62E-01	-3.04E-02	6.92E-01	8.09E-08	0.00E+00	1.35E+03	1.07E-04	7.05E-04	7.51E-03	1.09E-03	2.31E+00	3.54E-07	6.12E-08	5.65E+00	1.95E-01	1.47E-03	1.91E-02	7.25E-03	1.15E-01	1.28E+01	1.84E+00	3.57E-08	4.12E-08	2.30E-03	2.27E-05	1.94E-01	5.05E-01	1.47E+01	3.37E-05	1.47E+01	1.54E+01	7.00E-01	0.00E+00	0.00E+00	0.00E+00	3.11E-01
SN023	2.74E-03	3.67E-01	-2.74E-02	3.94E-01	2.84E-05	0.00E+00	4.51E+02	2.45E-05	3.08E-04	3.25E-03	7.02E-04	1.03E+00	1.03E-07	3.62E-08	2.22E+00	1.19E-01	9.50E-04	4.73E-03	1.63E-02	1.24E-01	8.09E+00	1.25E+00	2.87E-08	2.41E-08	9.97E-04	5.67E-05	3.82E-01	4.49E-01	9.34E+00	1.46E-05	9.34E+00	1.02E+01	8.31E-01	0.00E+00	0.00E+00	0.00E+00	6.98E-01
SN023QC	3.49E-03	4.58E-01	-2.62E-02	4.84E-01	3.20E-05	0.00E+00	6.50E+02	2.32E-05	3.77E-04	4.05E-03	7.30E-04	1.55E+00	1.33E-08	3.19E-08	3.53E+00	1.32E-01	9.87E-04	4.68E-03	5.30E-03	1.63E-01	1.01E+01	1.59E+00	2.96E-08	3.14E-08	1.23E-03	6.09E-05	9.11E-01	4.52E-01	1.17E+01	1.89E-05	1.17E+01	1.30E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-01
SN025	3.57E-03	4.03E-01	-2.67E-02	4.30E-01	2.77E-05	0.00E+00	4.51E+02	3.55E-05	3.41E-04	3.63E-03	7.66E-04	1.46E+00	1.67E-07	5.45E-08	3.19E+00	1.41E-01	1.04E-03	6.32E-03	2.59E-02	1.30E-01	8.97E+00	1.24E+00	3.49E-08	2.88E-08	1.15E-03	6.06E-05	4.02E-01	4.55E-01	1.02E+01	2.07E-05	1.02E+01	1.11E+01	8.57E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+00
SN025QC	4.73E-03	5.05E-01	-2.48E-02	5.29E-01	3.35E-05	0.00E+00	6.50E+02	3.13E-05	4.17E-04	4.51E-03	7.76E-04	2.27E+00	1.41E-08	4.51E-08	5.13E+00	1.60E-01	1.05E-03	6.16E-03	7.39E-03	1.87E-01	1.08E+01	1.63E+00	3.41E-08	3.88E-08	1.43E-03	6.63E-05	9.70E-01	4.56E-01	1.25E+01	2.72E-05	1.25E+01	1.39E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-01
SN116	8.67E-03	9.41E-01	-3.03E-02	9.71E-01	8.36E-07	0.00E+00	1.38E+03	1.08E-04	9.37E-04	1.02E-02	1.04E-03	2.32E+00	3.54E-07	6.38E-08	5.86E+00	1.97E-01	1.40E-03	1.78E-02	7.45E-03	1.82E-01	1.60E+01	1.84E+00	3.90E-08	5.32E-08	3.03E-03	3.76E-05	4.62E-01	5.03E-01	1.79E+01	3.58E-05	1.79E+01	1.88E+01	9.65E-01	0.00E+00	0.00E+00	9.77E-05	3.20E-01
SN116P	6.68E-03	8.12E-01	-2.86E-02	8.24E-01	9.73E-07	0.00E+00	1.41E+03	1.54E-04	7.18E-04	7.55E-03	1.11E-03	5.72E+00	3.71E-07	1.27E-07	8.37E+00	6.05E-01	1.50E-03	2.74E-02	8.86E-03	1.56E-01	1.40E+01	2.80E+00	3.47E-08	4.98E-08	2.45E-03	8.10E-05	4.27E-01	5.54E-01	1.54E+01	4.58E-05	1.55E+01	1.65E+01	9.77E-01	0.00E+00	0.00E+00	5.46E-05	4.34E-01
SN216	5.60E-03	6.07E-01	-2.71E-02	6.35E-01	1.45E-05	0.00E+00	8.07E+02	4.52E-05	5.17E-04	5.62E-03	8.00E-04	2.28E+00	1.46E-07	6.45E-08	5.42E+00	1.29E-01	1.08E-03	8.33E-03	6.20E-03	1.35E-01	1.07E+01	1.56E+00	2.58E-08	3.50E-08	1.77E-03	3.98E-05	5.10E-01	4.70E-01	1.23E+01	1.28E-04	1.23E+01	1.33E+01	9.80E-01	0.00E+00	0.00E+00	0.00E+00	2.66E-01
SN316	4.96E-03	6.20E-01	-1.95E-02	6.43E-01	2.12E-05	0.00E+00	7.17E+02	3.80E-05	4.93E-04	5.34E-03	7.96E-04	1.70E+00	1.91E-07	4.59E-08	2.38E+00	1.92E-01	1.08E-03	1.56E-02	7.52E-03	1.50E-01	1.06E+01	1.62E+00	3.31E-08	3.24E-08	1.70E-03	8.35E-05	4.03E-01	4.52E-01	1.29E+01	1.03E-04	1.29E+01	1.42E+01	9.06E-01	0.00E+00	0.00E+00	3.90E-10	4.29E-01
SNO10DA	1.29E-02	1.46E+00	-1.94E-02	1.48E+00	8.69E-07	0.00E+00	2.42E+01	1.93E-04	1.38E-03	1.53E-02	1.42E-03	2.00E+00	2.32E-07	5.50E-08	3.94E+00	4.14E-01	1.93E-03	4.83E-02	2.18E-01	2.84E-01	3.39E+01	1.69E+00	8.95E-08	7.57E-08	5.87E-03	6.78E-05	1.03E+00	4.55E-01	3.56E+01	6.98E-03	3.56E+01	3.71E+01	1.49E+00	0.00E+00	0.00E+00	7.52E-05	9.38E+00
SNO15DA	1.29E-02	1.46E+00	-1.93E-02	1.48E+00	8.69E-07	0.00E+00	2.42E+01	1.93E-04	1.38E-03	1.53E-02	1.42E-03	2.00E+00	2.32E-07	5.50E-08	3.82E+00	4.15E-01	1.93E-03	4.84E-02	2.18E-01	2.84E-01	3.39E+01	1.69E+00	8.95E-08	7.57E-08	5.87E-03	6.78E-05	1.03E+00	4.54E-01	3.56E+01	6.98E-03	3.56E+01	3.71E+01	1.49E+00	0.00E+00	0.00E+00	7.52E-05	9.38E+00

SNS016	6.74E-03	6.67E-01	-2.44E-02	6.91E-01	1.50E-05	0.00E+00	8.64E+02	1.36E-04	5.95E-04	6.49E-03	7.39E-04	2.84E+00	2.69E-07	8.43E-08	6.71E+00	3.20E-01	1.00E-03	1.98E-02	8.36E-03	1.71E-01	9.73E+00	1.67E+00	2.98E-08	4.33E-08	2.02E-03	3.82E-05	5.96E-01	4.64E-01	1.14E+01	1.39E-04	1.14E+01	1.25E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-01
SNS216	4.99E-03	5.91E-01	-2.31E-03	5.93E-01	1.45E-05	0.00E+00	8.06E+02	3.86E-05	4.67E-04	5.08E-03	6.22E-04	1.99E+00	8.16E-08	5.83E-08	4.47E+00	1.17E-01	8.43E-04	8.98E-03	5.71E-03	1.19E-01	1.01E+01	1.55E+00	2.32E-08	3.09E-08	1.61E-03	3.07E-05	4.55E-01	1.41E-01	1.16E+01	1.24E-04	1.16E+01	1.22E+01	5.96E-01	0.00E+00	0.00E+00	0.00E+00	2.45E-01
SNS316	5.85E-03	6.72E-01	-2.64E-02	6.95E-01	1.55E-05	0.00E+00	7.09E+02	4.46E-05	5.31E-04	5.93E-03	7.21E-04	2.71E+00	1.41E-07	6.99E-08	4.75E+00	2.24E-01	1.06E-03	2.47E-02	1.56E-02	2.44E-01	1.42E+01	1.63E+00	4.43E-08	3.78E-08	2.06E-03	1.20E-04	5.15E-01	5.71E-01	1.75E+01	1.17E-04	1.75E+01	1.81E+01	1.15E+00	0.00E+00	0.00E+00	1.75E-03	7.24E-01
WBHP1S	6.31E-03	8.69E-01	2.68E-03	8.66E-01	1.28E-04	0.00E+00	2.60E+01	8.76E-05	5.84E-04	6.41E-03	9.84E-04	1.67E+00	1.73E-07	5.92E-08	3.49E+00	5.64E-01	1.33E-03	1.26E-02	9.27E-02	5.44E-01	1.46E+01	3.16E+00	5.71E-08	4.60E-08	2.36E-03	2.92E-04	9.36E-01	3.06E-01	1.78E+01	4.70E-05	1.78E+01	1.90E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	3.98E+00
WBHP2S	8.04E-03	1.05E+00	6.62E-03	1.05E+00	1.38E-04	0.00E+00	4.64E+01	1.78E-04	7.29E-04	8.08E-03	1.11E-03	2.42E+00	2.09E-07	5.95E-08	5.66E+00	7.91E-01	1.51E-03	2.54E-02	1.89E-01	6.25E-01	1.76E+01	3.41E+00	5.65E-08	5.72E-08	2.95E-03	3.12E-04	1.21E+00	3.19E-01	2.10E+01	5.38E-05	2.10E+01	2.26E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	8.10E+00
WBHP2S-MB	8.57E-03	1.15E+00	8.57E-03	1.14E+00	1.40E-04	0.00E+00	4.71E+01	1.78E-04	7.96E-04	8.81E-03	1.13E-03	2.43E+00	2.09E-07	5.99E-08	5.67E+00	8.02E-01	1.53E-03	2.54E-02	1.89E-01	7.08E-01	1.95E+01	3.46E+00	6.49E-08	6.07E-08	3.37E-03	3.69E-04	1.28E+00	3.20E-01	2.29E+01	5.38E-05	2.29E+01	2.45E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	8.12E+00
WBHP2S-MW	8.89E-03	1.18E+00	6.62E-03	1.18E+00	1.38E-04	0.00E+00	4.79E+01	1.78E-04	8.10E-04	8.96E-03	1.11E-03	2.44E+00	2.09E-07	6.01E-08	5.68E+00	7.91E-01	1.51E-03	2.54E-02	1.89E-01	6.34E-01	2.07E+01	3.42E+00	7.54E-08	6.18E-08	3.68E-03	3.26E-04	1.22E+00	3.19E-01	2.41E+01	5.38E-05	2.41E+01	2.56E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	8.13E+00
WBP1S	6.67E-03	7.96E-01	-2.58E-03	8.05E-01	9.35E-05	0.00E+00	4.37E+01	5.32E-05	6.34E-04	7.02E-03	8.97E-04	1.60E+00	1.85E-07	2.67E-08	2.10E+00	5.05E-01	1.21E-03	1.48E-02	1.10E-01	3.58E-01	1.38E+01	2.49E+00	5.72E-08	4.18E-08	2.72E-03	1.81E-04	7.05E-01	2.94E-01	1.60E+01	4.71E-05	1.61E+01	1.76E+01	1.15E+00	0.00E+00	0.00E+00	3.90E-10	4.51E+00
WBP2S	9.42E-03	1.07E+00	1.52E-04	1.07E+00	1.26E-04	0.00E+00	4.58E+01	2.02E-04	7.98E-04	8.93E-03	1.07E-03	3.25E+00	4.27E-07	7.55E-08	7.40E+00	7.86E-01	1.45E-03	2.87E-02	1.36E-01	5.90E-01	1.73E+01	3.06E+00	5.10E-08	6.64E-08	2.98E-03	2.52E-04	1.48E+00	3.73E-01	2.04E+01	9.31E-05	2.04E+01	2.22E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	5.84E+00
WBQP2S	6.97E-03	8.08E-01	-9.97E-04	8.09E-01	1.09E-04	0.00E+00	5.51E+01	1.72E-04	5.85E-04	6.52E-03	9.20E-04	1.98E+00	2.27E-07	7.80E-08	4.33E+00	6.76E-01	1.25E-03	2.43E-02	1.80E-01	4.66E-01	1.31E+01	2.68E+00	5.40E-08	4.77E-08	2.20E-03	2.46E-04	8.51E-01	3.28E-01	1.58E+01	7.52E-05	1.58E+01	1.70E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	7.73E+00
WBQP2S-MB	8.37E-03	1.02E+00	-9.97E-04	1.02E+00	1.09E-04	0.00E+00	5.74E+01	1.72E-04	7.27E-04	8.06E-03	9.20E-04	2.02E+00	2.27E-07	7.89E-08	4.35E+00	6.76E-01	1.25E-03	2.43E-02	1.81E-01	4.81E-01	1.81E+01	2.69E+00	8.48E-08	5.53E-08	3.40E-03	2.70E-04	8.55E-01	3.28E-01	2.08E+01	7.52E-05	2.08E+01	2.20E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	7.78E+00
WBQP2S-MW	8.34E-03	1.02E+00	-9.97E-04	1.02E+00	1.09E-04	0.00E+00	5.74E+01	1.72E-04	7.16E-04	7.94E-03	9.20E-04	2.02E+00	2.27E-07	7.89E-08	4.35E+00	6.76E-01	1.25E-03	2.43E-02	1.81E-01	4.81E-01	1.81E+01	2.69E+00	8.48E-08	5.51E-08	3.37E-03	2.70E-04	8.55E-01	3.28E-01	2.08E+01	7.52E-05	2.08E+01	2.19E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	7.78E+00
WBSP1S	3.68E-03	4.71E-01	-4.63E-04	4.72E-01	8.16E-05	0.00E+00	2.20E+01	8.53E-05	3.18E-04	3.47E-03	7.37E-04	1.73E+00	1.83E-07	3.34E-08	3.51E+00	4.11E-01	9.98E-04	1.23E-02	9.11E-02	3.22E-01	7.55E+00	2.01E+00	3.45E-08	3.41E-08	1.23E-03	1.52E-04	4.85E-01	2.25E-01	9.56E+00	4.83E-05	9.56E+00	1.03E+01	7.10E-01	0.00E+00	0.00E+00	0.00E+00	3.91E+00
WBSP1S-MW	4.96E-03	6.67E-01	-4.63E-04	6.67E-01	8.16E-05	0.00E+00	2.42E+01	8.54E-05	4.40E-04	4.80E-03	7.37E-04	1.76E+00	1.83E-07	3.43E-08	3.54E+00	4.11E-01	9.98E-04	1.23E-02	9.20E-02	3.36E-01	1.22E+01	2.03E+00	6.32E-08	4.10E-08	2.32E-03	1.74E-04	4.88E-01	2.25E-01	1.42E+01	4.83E-05	1.42E+01	1.49E+01	7.13E-01	0.00E+00	0.00E+00	0.00E+00	3.95E+00
WBSP2S	6.81E-03	7.52E-01	-3.55E-03	7.55E-01	9.50E-05	0.00E+00	5.46E+01	1.72E-04	5.59E-04	6.24E-03	8.74E-04	1.98E+00	2.27E-07	7.76E-08	4.36E+00	6.35E-01	1.18E-03	2.42E-02	1.80E-01	3.90E-01	1.23E+01	2.35E+00	5.29E-08	4.65E-08	2.10E-03	2.03E-04	7.72E-01	3.24E-01	1.46E+01	7.52E-05	1.46E+01	1.57E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	7.72E+00
WBSP2S-MB	8.12E-03	9.53E-01	-4.07E-03	9.57E-01	9.50E-05	0.00E+00	5.69E+01	1.72E-04	6.95E-04	7.72E-03	8.74E-04	2.01E+00	2.27E-07	7.85E-08	4.38E+00	6.33E-01	1.18E-03	2.42E-02	1.81E-01	3.83E-01	1.71E+01	2.37E+00	8.26E-08	5.36E-08	3.26E-03	2.11E-04	7.60E-01	3.24E-01	1.94E+01	7.52E-05	1.94E+01	2.05E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	7.76E+00
WBSP2S-MW	8.14E-03	9.55E-01	-3.55E-03	9.59E-01	9.50E-05	0.00E+00	5.69E+01	1.72E-04	6.86E-04	7.62E-03	8.74E-04	2.01E+00	2.27E-07	7.86E-08	4.38E+00	6.35E-01	1.18E-03	2.42E-02	1.81E-01	4.05E-01	1.71E+01	2.37E+00	8.28E-08	5.37E-08	3.24E-03	2.25E-04	7.75E-01	3.24E-01	1.95E+01	7.52E-05	1.95E+01	2.06E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	7.76E+00
WBWP115S	7.71E-03	1.08E+00	-2.20E-02	1.10E+00	2.58E-04	0.00E+00	3.61E+01	1.31E-04	7.45E-04	7.95E-03	2.12E-03	3.71E+00	4.93E-07	7.98E-08	8.14E+00	9.91E-01	2.88E-03	2.12E-02	7.34E-02	7.91E-01	1.76E+01	6.22E+00	1.12E-07	6.01E-08	2.74E-03	3.68E-04	1.28E+00	9.02E-01	2.38E+01	8.09E-05	2.38E+01	2.60E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+00
WBWP1S	7.74E-03	1.08E+00	-2.16E-02	1.10E+00	2.58E-04	0.00E+00	3.61E+01	1.31E-04	7.49E-04	7.99E-03	2.12E-03	3.71E+00	4.93E-07	7.98E-08	8.14E+00	9.93E-01	2.88E-03	2.12E-02	7.34E-02	8.14E-01	1.77E+01	6.22E+00	1.12E-07	6.04E-08	2.76E-03	3.82E-04	1.30E+00	9.04E-01	2.39E+01	8.09E-05	2.39E+01	2.61E+01	2.20E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+00
WBWP2S	1.57E-02	1.91E+00	-3.38E-02	1.94E+00	3.42E-04	0.00E+00	6.23E+01	2.45E-04	1.40E-03	1.52E-02	3.10E-03	6.45E+00	8.46E-07	1.38E-07	1.43E+01	1.49E+00	4.19E-03	3.92E-02	1.44E-01	1.50E+00	3.18E+01	8.48E+00	1.86E-07	1.19E-07	5.29E-03	7.41E-04	2.43E+00	1.40E+00	4.02E+01	1.53E-04	4.02E+01	4.41E+01	3.83E+00	0.00E+00	0.00E+00	0.00E+00	6.19E+00
WBWP2SH	1.43E-02	1.50E+00	-4.31E-02	1.55E+00	2.58E-04	0.00E+00	5.94E+01	2.49E-04	1.16E-03	1.26E-02	2.68E-03	6.53E+00	8.58E-07	1.37E-07	1.44E+01	1.26E+00	3.63E-03	3.95E-02	1.43E-01	1.17E+00	2.55E+01	6.55E+00	1.81E-07	1.10E-07	4.48E-03	5.71E-04	1.84E+00	1.32E+00	3.20E+01	1.54E-04	3.20E+01	3.52E+01	3.16E+00	0.00E+00	0.00E+00	0.00E+00	6.14E+00
WBWP2S-W	1.94E-02	2.37E+00	-3.70E-02	2.41E+00	3.38E-04	0.00E+00	6.33E+01	2.45E-04	1.79E-03	1.96E-02	3.10E-03	6.46E+00	8.46E-07	1.41E-07	1.46E+01	1.48E+00	4.20E-03	3.92E-02	1.44E-01	1.47E+00	3.93E+01	8.41E+00	1.88E-07	1.39E-07	6.65E-03	6.67E-04	3.07E+00	1.40E+00	4.77E+01	1.53E-04	4.77E+01	5.22E+01	4.47E+00	0.00E+00	0.00E+00	0.00E+00	6.20E+00
WE100	4.63E-03	3.60E-01	-5.62E-03	3.66E-01	4.58E-05	0.00E+00	2.97E+00	1.27E-06	2.34E-04	2.68E-03	4.59E-04	2.41E+00	6.47E-09	4.59E-08	3.17E-01	1.29E-01	6.22E-04	1.39E-02	9.76E-03	1.78E-01	4.82E+00	1.09E+00	1.00E-06	2.83E-08	9.92E-04	6.02E-05	5.12E-01	2.52E-01	5.90E+00	8.27E-05	5.90E+00	6.67E+00	7.64E-01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
WE100A	4.81E-03	3.75E-01	-8.39E-03	3.84E-01	4.60E-05	0.00E+00	4.89E+00	7.12E-05	2.60E-04	2.95E-03	4.72E-04	2.41E+00	4.84E-08	5.12E-08	5.55E+00	3.38E-01	6.39E-04	1.30E-02	1.13E-02	1.99E-01	5.37E+00	1.09E+00	1.01E-06	2.95E-08	1.09E-03	8.18E-05	4.17E-01	2.83E-01	6.46E+00	8.01E-05	6.46E+00	7.16E+00	6.99E-01	0.00E+00	0.00E+00	0.00E+00	4.84E-01
WE100G	5.25E-03	4.79E-01	-5.76E-03	4.85E-01	5.07E-05	0.00E+00	3.42E+00	1.43E-06	3.14E-04	3.65E-03	5.35E-04	2.43E+00	6.54E-09	4.71E-08	1.72E+00	1.43E-01	7.23E-04	1.96E-02	1.04E-02	2.31E-01	8.25E+00	1.22E+00	1.01E-06	3.24E-08	1.27E-03	6.91E-05	7.44E-01	2.59E-01	9.47E+00	8.53E-05	9.47E+00	1.05E+01	1.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-01
WE102	3.54E-03	3.33E-01	-1.07E-02	3.44E-01	4.57E-05	0.00E+00	4.06E+00	5.02E-05	2.17E-04	2.53E-03	4.35E-04	1.65E+00	4.40E-09	3.54E-08	3.85E+00	2.77E-01	5.89E-04	9.29E-03	8.33E-03	1.52E-01	4.77E+00	1.09E+00	1.00E-06	2.16E-08	8.71E-04	6.07E-05	4.68E-01	2.79E-01	5.85E+00	7.03E-05	5.85E+00	6.60E+00	7.47E-01	0.00E+00	0.00E+00	0.00E+00	3.58E-01
WE102A	3.45E-03	3.25E-01	-1.01E-02	3.35E-01	4.61E-05	0.00E+00	4.08E+00	5.02E-05	2.09E-04	2.35E-03	4.35E-04	1.64E+00	4.40E-09	3.53E-08	3.84E+00	2.79E-01	5.89E-04	9.29E-03	8.37E-03	1.76E-01	4.57E+00	1.09E+00	1.00E-06	2.12E-08	8.63E-04	7.83E-05	3.44E-01	2.79E-01	5.66E+00	7.03E-05	5.66E+00	6.29E+00	6.23E-01	0.00E+00	0.00E+00	0.00E+00	3.59E-01
WE102G	4.08E-03	4.51E-01	-6.80E-03	4.58E-01	5.10E-05	0.00E+00	3.09E+00	1.37E-06	2.87E-04	3.37E-03	4.99E-04	1.66E+00	5.89E-09	3.30E-08	1.70E+00	1.44E-01	6.76E-04	1.58E-02	7.97E-03	2.10E-01	7.89E+00	1.22E+00	1.00E-06	2.52E-08	1.11E-03	6.79E-05	7.44E-01	2.56E-01	9.11E+00	7.47E-05	9.11E+00	1.01E+01	1.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-01
WE104	5.63E-03	4.96E-01	-4.67E-03	4.98E-01	1.93E-05	0.00E+00	1.68E+02	4.16E-05	4.04E-04	3.90E-03	4.99E-04	2.05E+00	1.25E-07	5.11E-08	4.34E+00	2.39E-01	6.77E-04	1.54E-02	9.99E-03	2.13E-01	9.29E+00	1.38E+00	4.18E-08	3.25E-08	1.78E-03	8.66E-05	4.15E-01	2.55E-01	1.12E+01	8.35E-05	1.11E+01	1.24E+01	9.11E-01	0.00E+00	0.00E+00	8.00E-04	4.09E-01
WE106	4.87E-03	3.86E-01	-8.76E-03	3.95E-01	4.80E-05	0.00E+00	4.96E+00	7.13E-05	2.63E-04	3.04E-03	4.72E-04	2.41E+00	4.84E-08	5.12E-08	5.56E+00	3.42E-01	6.39E-04	1.30E-02	1.13E-02	1.81E-01	5.58E+00	1.14E+00	1.01E-06	2.97E-08	1.10E-03	6.68E-05	5.03E-01	2.83E-01	6.72E+00	8.01E-05	6.72E+00	7.50E+00	7.86E-01	0.00E+00	0.00E+00	0.00E+00	4.84E-01
WE106A	4.83E-03	3.79E-01	-8.37E-03	3.87E-01	4.63E-05	0.00E+00	4.94E+00	7.12E-05	2.62E-04	2.97E-03	4.73E-04	2.41E+00	4.84E-08	5.12E-08	5.55E+00	3.38E-01	6.41E-04	1.30E-02	1.13E-02	1.99E-01	5.45E+00	1.10E+00	1.01E-06	2.96E-08	1.11E-03	8.22E-05	4.16E-01	2.83E-01	6.55E+00	8.01E-05	6.55E+00	7.25E+00	6.99E-01	0.00E+00	0.00E+00	0.00E+00	4.85E-01
WE106G	5.77E-03	5.42E-01	-8.64E-03	5.51E-01	5.29E-05	0.00E+00	5.37E+00	7.15E-05	3.72E-04	4.33E-03	5.40E-04	2.42E+00	4.85E-08	5.28E-08	5.85E+00	3.56E-01	7.30E-04	1.86E-02	1.18E-02	2.04E-01	1.04E+01	1.26E+00	1.01E-06	3.46E-08	1.51E-03	7.42E-05	6.62E-01	2.90E-01	1.16E+01	8.05E-05	1.16E+01	1.26E+01	9.51E-01	0.00E+00	0.00E+00	0.00E+00	5.09E-01
WE122	1.04E-02	1.02E+00	-1.88E-02	1.04E+00	1.11E-04	0.00E+00	1.45E+02	6.25E-05	8.32E-04	9.14E-03	1.23E-03	3.13E+00	3.54E-07	1.24E-07	7.79E+00	4.59E-01	1.66E-03	1.18E-02	8.41E-03	6.09E-01	1.62E+01	3.22E+00	6.93E-08	5.92E-08	3.07E-03	3.04E-04	1.04E+00	6.12E-01	1.94E+01	2.29E-04	1.94E+01	2.11E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-01
WE122A	1.10E-02	1.11E+00	-1.77E-02	1.13E+00	1.08E-04	0.00E+00	1.46E+02	6.25E-05	8.93E-04	9.77E-03	1.21E-03	3.14E+00	3.54E-07	1.25E-07	7.80E+00	4.55E-01	1.64E-03	1.18E-02	8.92E-03	6.65E-01	1.84E+01	3.16E+00	8.33E-08	6.29E-08	3.61E-03	3.48E-04	1.02E+00	6.10E-01	2.16E+01	2.29E-04	2.16E+01	2.32E+01	1.63E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-01
WE123	1.61E-02	1.56E+00	-3.02E-02	1.59E+00	1.67E-04	0.00E+00	2.12E+02	9.38E-05	1.29E-03	1.42E-02	1.89E-03	4.69E+00	5.31E-07	1.86E-07	1.16E+01	6.92E-01	2.56E-03	1.77E-02	1.29E-02	9.25E-01	2.50E+01	4.92E+00	1.10E-07	9.14E-08	4.77E-03	4.62E-04	1.58E+00	9.52E-01	2.99E+01	3.34E-04	2.99E+01	3.24E+01	2.53E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-01
WE123A	1.70E-02	1.71E+00	-2.86E-02	1.73E+00	1.64E-04	0.00E+00	2.14E+02	9.38E-05	1.38E-03	1.52E-02	1.87E-03	4.71E+00	5.31E-07	1.87E-07	1.16E+01	6.88E-01	2.53E-03	1.77E-02	1.36E-02	1.01E+00	2.83E+01	4.84E+00	1.31E-07	9.70E-08	5.59E-03	5.29E-04	1.55E+00	9.49E-01	3.32E+01	3.34E-04	3.32E+01	3.57E+01	2.50E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-01
WFCC50NBSB	2.47E-02	2.26E+00	6.75E-04	2.16E+00	6.92E-05	0.00E+00	7.09E+02	2.12E-04	1.57E-03	1.80E-02	2.49E-03	1.02E+01	5.59E-07	1.71E-07	1.23E+01	5.32E-01	3.47E-03	6.36E-02	1.38E-01	6.11E-01	4.15E+01	7.28E+00	5.01E-07	2.09E-07	6.37E-03	3.24E-04	2.03E+00	2.31E-01	4.50E+01	1.25E-04	4.57E+01	4.86E+01	2.74E+00	0.00E+00	0.00E+00	2.77E-05	4.98E+00
WFCC50NBSW	2.48E-02	2.21E+00	-2.92E-02	2.14E+00	5.42E-05	0.00E+00	7.38E+02	2.15E-04	1.62E-03	1.83E-02	2.72E-03	1.02E+01	5.68E-07	1.71E-07	1.23E+01	5.41E-01	3.69E-03	6.45E-02	1.31E-01	5.89E-01	3.99E+01	7.39E+00	5.10E-07	2.14E-07	6.70E-03	2.83E-04	1.76E+00	7.37E-01	4.64E+01	1.65E-04	4.64E+01	4.89E+01	2.84E+00	0.00E+00	0.00E+00	2.77E-05	4.89E+00
WFS51BSB	1.03E-02	1.09E+00	-7.37E-03	1.11E+00	2.51E-05	0.00E+00	3.70E+02	1.35E-04	8.68E-04	9.56E-03	8.14E-04	3.20E+00	1.60E-07	5.88E-08	3.79E+00	3.06E-01	1.52E-03	2.31E-02	1.27E-01	4.09E-01	1.82E+01	3.03E+00	7.27E-08	6.77E-08	3.33E-03	1.76E-04	9.92E-01	2.08E-01	2.04E+01	5.86E-05	2.04E+01	2.19E+01	1.57E+00	0.00E+00	0.00E+00	3.90E-10	3.61E+00
WFS51BSW	1.03E-02	1.09E+00	-7.43E-03	1.11E+00	1.96E-05	0.00E+00	3.70E+02	1.18E-04	8.68E-04	9.50E-03	8.15E-04	3.23E+00	1.59E-07	5.84E-08	3.82E+00	2.65E-01	1.53E-03	2.40E-02	1.27E-01	4.10E-01	1.81E+01	3.06E+00	7.27E-08	6.83E-08	3.33E-03	1.76E-04	9.90E-01	2.08E-01	2.03E+01	5.80E-05	2.04E+01	2.19E+01	1.58E+00	0.00E+00	0.00E+00	3.90E-10	3.61E+00
WFSS81BSB	1.05E-02	1.24E+00	-7.23E-03	1.29E+00	1.64E-05	0.00E+00	3.78E+02	1.43E-04	9.25E-04	9.53E-03	7.37E-04	3.11E+00	2.10E-07	6.75E-08	4.25E+00	3.29E-01	1.57E-03	3.50E-02	1.23E-01	4.32E-01	3.64E+01	3.14E+00	8.05E-08	7.18E-08	3.52E-03	1.68E-04	9.83E-01	2.09E-01	3.41E+01	6.56E-05	3.40E+01	3.57E+01	1.56E+00	0.00E+00	0.00E+00	7.53E-07	3.20E+00
WFSS81BSW	1.04E-02	1.25E+00	-2.16E-02	1.28E+00	1.75E-05	0.00E+00	3.69E+02	1.44E-04	9.44E-04	9.61E-03	7.01E-04	3.50E+00	2.26E-07	6.93E-08	4.30E+00	3.23E-01	1.76E-03	3.64E-02	1.17E-01	5.54E-01	3.62E+01	3.19E+00	1.14E-07	7.41E-08	3.60E-03	1.96E-04	9.61E-01	5.67E-01	3.51E+01	1.36E-04	3.50E+01	3.62E+01	1.66E+00	0.00E+00	0.00E+00	7.53E-07	3.16E+00
WFSS81PSW	1.04E-02	1.12E+00	-7.31E-03	1.15E+00	1.64E-05	0.00E+00	3.76E+02	1.43E-04	8.99E-04	9.49E-03	7.36E-04	3.08E+00	2.11E-07	6.66E-08	4.16E+00	3.19E-01	1.53E-03	3.44E-02	1.23E-01	4.22E-01	1.92E+01	3.12E+00	7.69E-08	6.79E-08	3.42E-03	1.63E-04	9.75E-01	2.45E-01	2.18E+01	6.44E-05	2.19E+01	2.31E+01	1.56E+00	0.00E+00	0.00E+00	7.53E-07	3.19E+00
WFSS82BSB	1.86E-02	2.18E+00	-2.45E-02	2.11E+00	5.95E-05	0.00E+00	7.69E+02	1.73E-04	1.54E-03	1.72E-02	2.31E-03	1.06E+01	5.67E-07	1.77E-07	9.92E+00	5.28E-01	3.13E-03	7.01E-02	1.19E-01	5.97E-01	4.63E+01	7.21E+00	2.47E-07	2.21E-07	6.17E-03	2.99E-04	1.14E+00	7.17E-01	4.88E+01	1.91E-04	4.90E+01	5.09E+01	1.99E+00	0.00E+00	0.00E+00	2.47E-05	3.06E+00
WFSS82BSW	1.86E-02	2.18E+00	-2.31E-02	2.11E+00	4.84E-05	0.00E+00	7.72E+02	1.73E-04	1.56E-03	1.73E-02	2.31E-03	1.06E+01	5.65E-07	1.77E-07	9.91E+00	4.87E-01	3.13E-03	7.07E-02	1.19E-01	5.92E-01	4.55E+01	7.19E+00	2.43E-07	2.21E-07	6.21E-03	2.30E-04	1.14E+00	7.11E-01	4.87E+01	1.85E-04	4.89E+01	5.09E+01	1.98E+00	0.00E+00	0.00E+00	2.97E-05	3.07E+00
WFSS82PSB	1.83E-02	2.16E+00	-5.32E-03	2.08E+00	5.76E-05	0.00E+00	7.73E+02	1.73E-04	1.56E-03	1.73E-02	2.19E-03	1.04E+01	5.59E-07	1.77E-07	9.64E+00	5.22E-01	2.88E-03	6.91E-02	1.25E-01	5.92E-01	4.62E+01	3.03E+00	2.42E-07	2.20E-07	6.07E-03	2.73E-04	1.22E+00	4.17E-01	4.88E+01	1.22E-04	4.89E+01	5.08E+01	1.98E+00	0.00E+00	0.00E+00	2.47E-05	3.12E+00
WFSS82PSW	1.86E-02	2.18E+00	-2.29E-02	2.10E+00	4.83E-05	0.00E+00	7.72E+02	1.73E-04	1.56E-03	1.73E-02	2.31E-03	1.06E+01	5.65E-07	1.77E-07	9.91E+00	4.89E-01	3.13E-03	7.07E-02	1.19E-01	5.92E-01	4.55E+01	7.15E+00	2.43E-07	2.21E-07	6.19E-03	2.15E-04	1.13E+00	7.01E-01	4.87E+01	1.62E-04	4.89E+01	5.09E+01	1.97E+00	0.00E+00	0.00E+00	2.97E-05	3.06E+00
WGCS113S	5.68E-03	7.58E-01	-6.49E-03	7.63E-01	7.31E-05	0.00E+00	2.98E+01	6.62E-05	5.34E-04	6.19E-03	3.17E-04	1.83E+00	1.63E-07	3.69E-08	5.67E+00	3.48E-01	4.01E-04	2.72E-02	3.76E-02	3.06E-01	1.89E+01	2.37E+00	3.92E-08	3.76E-08	2.20E-03	1.42E-04	7.37E-01	2.66E-01	2.13E+01	2.78E-05	2.13E+01	2.31E+01	1.06E+00	0.00E+00	0.00E+00	1.24E-04	1.57E+00
WGCS115S	7.00E-03	8.48E-01	-4.37E-03	8.43E-01	8.63E-05	0.00E+00	3.57E+01	9.80E-05	6.93E-04	7.21E-03	5.48E-04	1.80E+00	1.73E-07	4.89E-08	5.72E+00	4.18E-01	7.25E-04	2.87E-02	7.20E-02	3.53E-01	2.05E+01	2.36E+00	6.22E-08	4.66E-08	2.72E-03	1.61E-04	6.26E-01	2.70E-01	2.32E+01	3.53E-05	2.32E+01	2.48E+01	1.01E+00	0.00E+00	0.00E+00	1.94E-04	3.10E+00
WGCS116EA	5.67E-03	7.11E-01	-6.55E-03	7.16E-01	6.28E-05	0.00E+00	3.29E+01	7.66E-05	5.46E-04	6.23E-03	3.70E-04	1.55E+00	1.63E-07	4.16E-08	5.56E+00	3.61E-01	5.34E-04	2.43E-02	3.70E-02	2.88E-01	1.67E+01	2.28E+00	3.37E-08	3.87E-08	2.15E-03	1.34E-04	6.79E-01	2.73E-01	1.90E+01	2.86E-05	1.89E+01	2.06E+01	1.02E+00	0.00E+00	0.00E+00	1.20E-04	1.62E+00
WGCS116S	6.20E-03	7.45E-01	-7.13E-03	7.51E-01	7.68E-05	0.00E+00	4.74E+01	1.21E-04	5.80E-04	6.80E-03	3.91E-04	1.87E+00	3.48E-07	6.41E-08	5.59E+00	5.33E-01	5.69E-04	3.09E-02	1.12E-01	2.98E-01	1.83E+01	2.16E+00	9.84E-08	3.89E-08	2.18E-03	1.38E-04	5.45E-01	3.31E-01	2.07E+01	4.47E-05	2.06E+01	2.20E+01	9.50E-01	0.00E+00	0.00E+00	6.91E-05	2.49E+00
WGCS216EA	6.52E-03	7.93E-01	-4.33E-03	8.03E-01	7.76E-05	0.00E+00	5.50E+01	8.18E-05	6.60E-04	6.95E-03	6.93E-04	1.81E+00	1.67E-07	4.90E-08	6.24E+00	3.72E-01	9.37E-04	2.11E-02	3.23E-02	2.90E-01	1.82E+01	2.36E+00	3.36E-08	3.82E-08	2.42E-03	1.49E-04	1.00E+00	2.61E-01	2.10E+01	3.36E-05	2.10E+01	2.24E+01	1.09E+00	0.00E+00	0.00E+00	1.11E-04	1.50E+00
WGCS216UI	9.51E-03	1.03E+00	-4.99E-03	1.01E+00	8.37E-05	0.00E+00	7.86E+01	1.33E-04	8.35E-04	9.69E-03	8.15E-04	2.21E+00	1.74E-07	5.77E-08	6.19E+00	4.71E-01	1.09E-03	2.77E-02	3.35E-02	3.53E-01	1.81E+01	3.02E+00	4.96E-08	5.99E-08	3.04E-03	1.57E-04	1.07E+00	3.47E-01	2.14E+01	6.21E-05	2.14E+01	2.33E+01	1.61E+00	0.00E+00	0.00E+00	1.17E-04	1.51E+00
WGCXS113SKB	5.53E-03	5.96E-01	-7.34E-03	6.05E-01	6.47E-05	0.00E+00	3.59E+01	6.65E-05	4.57E-04	4.87E-03	2.76E-04	1.88E+00	1.55E-07	4.15E-08	5.48E+00	3.35E-01	3.15E-04	2.60E-02	3.74E-02	2.59E-01	1.69E+01	1.62E+00	4.27E-08	3.74E-08	2.04E-03	1.27E-04	6.58E-01	2.73E-01	1.67E+01	2.78E-05	1.66E+01	1.70E+01	9.91E-01	0.00E+00	0.00E+00	8.66E-05	1.53E+00
WGCXS115SNB	5.97E-03	7.93E-01	-5.85E-03	7.81E-01	6.85E-05	0.00E+00	3.22E+01	9.60E-05	5.70E-04	6.47E-03	9.33E-05	1.86E+00	1.74E-07	4.32E-08	5.50E+00	3.93E-01	8.90E-05	2.74E-02	7.26E-02	3.30E-01	2.07E+01	2.14E+00	6.17E-08	4.71E-08	2.26E-03	1.49E-04	6.14E-01	2.70E-01	2.28E+01	2.92E-05	2.28E+01	2.38E+01	9.73E-01	0.00E+00	0.00E+00	1.56E-04	3.15E+00
WGCXS116EAKB	5.59E-03	5.53E-01	-7.04E-03	5.52E-01	5.62E-05	0.00E+00	3.82E+01	7.66E-05	4.53E-04	4.68E-03	3.41E-04	1.70E+00	1.51E-07	4.39E-08	5.45E+00	3.54E-01	4.79E-04	2.29E-02	3.63E-02	2.57E-01	1.15E+01	1.61E+00	3.64E-08	3.86E-08	1.99E-03	1.31E-04	6.51E-01	2.77E-01	1.27E+01	2.87E-05	1.26E+01	1.35E+01	9.50E-01	0.00E+00	0.00E+00	8.66E-05	1.54E+00
WGCXS116EANB	5.60E-03	5.37E-01	-7.11E-03	5.36E-01	5.59E-05	0.00E+00	3.62E+01	7.69E-05	4.51E-04	4.66E-03	3.40E-04	1.69E+00	1.49E-07	4.40E-08	5.43E+00	3.53E-01	4.76E-04	2.31E-02	3.15E-02	2.58E-01	1.06E+01	1.61E+00	3.62E-08	3.86E-08	1.99E-03	1.31E-04	6.51E-01	2.78E-01	1.25E+01	2.87E-05	1.25E+01	1.34E+01	9.46E-01	0.00E+00	0.00E+00	8.66E-05	1.41E+00
WGCXS116ISKB	6.58E-03	8.00E-01	-4.93E-03	8.04E-01	7.25E-05	0.00E+00	7.58E+01	7.36E-05	6.72E-04	6.91E-03	5.93E-04	1.70E+00	1.81E-07	4.89E-08	6.18E+00	3.50E-01	8.25E-04	2.47E-02	5.24E-02	3.16E-01	2.02E+01	2.21E+00	5.81E-08	4.07E-08	2.51E-03	1.45E-04	8.65E-01	3.04E-01	2.49E+01	5.68E-05	2.46E+01	2.64E+01	1.07E+00	0.00E+00	0.00E+00	1.20E-04	2.42E+00
WGCXS116ISNB	6.44E-03	7.97E-01	-4.92E-03	7.96E-01	7.17E-05	0.00E+00	7.58E+01	7.35E-05	5.93E-04	6.40E-03	5.66E-04	1.66E+00	1.82E-07	4.55E-08	6.09E+00	3.47E-01	7.81E-04	2.47E-02	5.22E-02	3.14E-01	2.02E+01	2.21E+00	5.83E-08	4.07E-08	2.29E-03	1.44E-04	8.51E-01	3.04E-01	2.49E+01	5.60E-05	2.46E+01	2.64E+01	1.06E+00	0.00E+00	0.00E+00	1.20E-04	2.42E+00
WGCXS116SKB	5.70E-03	5.55E-01	-7.88E-03	5.58E-01	7.05E-05	0.00E+00	5.03E+01	1.21E-04	4.54E-04	4.77E-03	3.61E-04	1.97E+00	3.47E-07	6.59E-08	5.54E+00	5.17E-01	5.04E-04	2.80E-02	3.53E-02	2.64E-01	1.12E+01	1.66E+00	9.77E-08	3.86E-08	2.03E-03	1.33E-04	4.88E-01	3.05E-01	1.37E+01	4.41E-05	1.36E+01	1.43E+01	8.45E-01	0.00E+00	0.00E+00	8.74E-05	1.41E+00
WGCXS116SNB	1.03E-02	9.19E-01	-3.63E-02	9.28E-01	8.97E-05	0.00E+00	6.15E+01	1.44E-04	7.84E-04	8.84E-03	7.13E-04	2.37E+00	3.39E-07	7.48E-08	5.74E+00	5.97E-01	7.91E-04	3.14E-02	3.68E-02	4.08E-01	1.97E+01	2.15E+00	1.12E-07	5.18E-08	3.01E-03	2.15E-04	8.96E-01	9.91E-01	2.23E+01	1.21E-04	2.22E+01	2.31E+01	1.64E+00	0.00E+00	0.00E+00	1.01E-04	1.58E+00
WGCXS216EAKB	5.70E-03	7.22E-01	-6.29E-03	7.27E-01	6.23E-05	0.00E+00	5.68E+01	8.20E-05	5.40E-04	6.25E-03	4.28E-04	1.87E+00	1.65E-07	4.62E-08	6.05E+00	3.59E-01	6.08E-04	2.12E-02	2.89E-02	2.78E-01	1.64E+01	2.16E+00	3.42E-08	3.80E-08	2.17E-03	1.37E-04	7.12E-01	3.10E-01	1.80E+01	3.24E-05	1.79E+01	1.92E+01	1.03E+00	0.00E+00	0.00E+00	8.66E-05	1.44E+00
WGCXS216EANB	5.70E-03	7.22E-01	-6.29E-03	7.27E-01	6.25E-05	0.00E+00	5.70E+01	8.20E-05	5.41E-04	6.25E-03	4.28E-04	1.86E+00	1.66E-07	4.70E-08	6.05E+00	3.59E-01	6.08E-04	2.16E-02	2.89E-02	2.78E-01	1.64E+01	2.15E+00	3.42E-08	3.80E-08	2.17E-03	1.37E-04	7.12E-01	3.10E-01	1.80E+01	3.27E-05	1.79E+01	1.92E+01	1.03E+00	0.00E+00	0.00E+00	8.66E-05	1.44E+00
WGDS110USIG	5.80E-03	7.02E-01	-1.36E-02	7.34E-01	3.57E-05	0.00E+00	1.67E+02	1.20E-04	5.41E-04	5.88E-03	4.41E-04	1.90E+00	1.96E-07	5.54E-08	5.84E+00	4.57E-01	4.26E-04	2.57E-02	2.42E-02	2.82E-01	1.75E+01	2.08E+00	4.09E-08	4.28E-08	2.13E-03	1.39E-04	7.03E-01	4.49E-01	1.93E+01	3.92E-05	1.92E+01	2.04E+01	1.07E+00	0.00E+00	0.00E+00	7.69E-05	1.29E+00
WGDS110USKB	5.80E-03	7.02E-01	-1.36E-02	7.34E-01	3.57E-05	0.00E+00	1.67E+02	1.20E-04	5.41E-04	5.88E-03	4.41E-04	1.90E+00	1.96E-07	5.54E-08	5.84E+00	4.57E-01	4.26E-04	2.57E-02	2.42E-02	2.82E-01	1.75E+01	2.08E+00	4.09E-08	4.28E-08	2.13E-03	1.39E-04	7.03E-01	4.49E-01	1.93E+01	3.92E-05	1.92E+01	2.04E+01	1.07E+00	0.00E+00	0.00E+00	7.69E-05	1.29E+00
WGDS113S	5.80E-03	7.78E-01	-4.56E-03	7.86E-01	7.61E-05	0.00E+00	2.95E+01	6.87E-05	5.53E-04	6.18E-03	8.54E-05	1.63E+00	1.59E-07	3.97E-08	5.62E+00	3.60E-01	7.03E-05	2.36E-02	3.71E-02	3.12E-01	1.89E+01	2.34E+00	3.20E-08	3.86E-08	2.19E-03	1.48E-04	9.48E-01	2.54E-01	2.19E+01	2.83E-05	2.18E+01	2.29E+01	1.03E+00	0.00E+00	0.00E+00	1.85E-04	1.56E+00
WGDS113SIG	5.85E-03	7.85E-01	-5.56E-03	7.88E-01	7.89E-05	0.00E+00	3.17E+01	7.09E-05	5.44E-04	6.32E-03	9.09E-05	1.61E+00	1.63E-07	4.33E-08	5.65E+00	4.43E-01	7.04E-05	2.49E-02	3.70E-02	3.04E-01	1.92E+01	2.31E+00	3.20E-08	3.90E-08	2.18E-03	1.45E-04	8.60E-01	3.35E-01	2.17E+01	2.99E-05	2.17E+01	2.31E+01	1.06E+00	0.00E+00	0.00E+00	1.49E-04	1.55E+00
WGDS113SNB	5.95E-03	7.89E-01	-5.37E-03	7.90E-01	7.98E-05	0.00E+00	3.18E+01	7.09E-05	5.46E-04	6.30E-03	1.02E-04	1.61E+00	1.63E-07	4.33E-08	5.65E+00	4.46E-01	8.90E-05	2.48E-02	3.70E-02	3.07E-01	1.92E+01	2.31E+00	3.20E-08	3.87E-08	2.18E-03	1.47E-04	8.59E-01	3.34E-01	2.17E+01	3.01E-05	2.17E+01	2.31E+01	1.05E+00	0.00E+00	0.00E+00	1.49E-04	1.55E+00
WGDS115S	8.66E-03	8.86E-01	-1.69E-02	9.10E-01	4.80E-05	0.00E+00	9.19E+01	1.19E-04	7.88E-04	9.05E-03	6.47E-04	2.18E+00	1.76E-07	5.56E-08	5.75E+00	3.99E-01	9.87E-04	2.66E-02	6.95E-02	3.54E-01	2.08E+01	2.18E+00	6.19E-08	5.66E-08	2.84E-03	1.66E-04	8.04E-01	4.96E-01	2.40E+01	4.49E-05	2.39E+01	2.50E+01	1.56E+00	0.00E+00	0.00E+00	2.11E-04	3.05E+00
WGDS115SEG	8.59E-03	8.82E-01	-1.70E-02	9.03E-01	4.81E-05	0.00E+00	9.20E+01	1.19E-04	7.76E-04	8.59E-03	6.41E-04	2.18E+00	1.77E-07	5.53E-08	5.72E+00	3.96E-01	1.00E-03	2.69E-02	6.96E-02	3.55E-01	2.11E+01	2.14E+00	6.26E-08	5.60E-08	2.87E-03	1.67E-04	8.03E-01	4.95E-01	2.40E+01	4.44E-05	2.39E+01	2.52E+01	1.53E+00	0.00E+00	0.00E+00	1.70E-04	3.05E+00
WGDS115SIG	8.59E-03	8.82E-01	-1.70E-02	9.03E-01	4.81E-05	0.00E+00	9.20E+01	1.19E-04	7.76E-04	8.59E-03	6.41E-04	2.18E+00	1.77E-07	5.53E-08	5.72E+00	3.96E-01	1.00E-03	2.69E-02	6.96E-02	3.55E-01	2.11E+01	2.14E+00	6.26E-08	5.60E-08	2.87E-03	1.67E-04	8.03E-01	4.95E-01	2.40E+01	4.44E-05	2.39E+01	2.52E+01	1.53E+00	0.00E+00	0.00E+00	1.70E-04	3.05E+00
WGDS115SKB	8.59E-03	8.82E-01	-1.70E-02	9.03E-01	4.81E-05	0.00E+00	9.20E+01	1.19E-04	7.76E-04	8.59E-03	6.41E-04	2.18E+00	1.77E-07	5.53E-08	5.72E+00	3.96E-01	1.00E-03	2.69E-02	6.96E-02	3.55E-01	2.11E+01	2.14E+00	6.26E-08	5.60E-08	2.87E-03	1.67E-04	8.03E-01	4.95E-01	2.40E+01	4.44E-05	2.39E+01	2.52E+01	1.53E+00	0.00E+00	0.00E+00	1.70E-04	3.05E+00
WGDS116EA	6.37E-03	7.34E-01	-1.26E-02	7.73E-01	1.74E-05	0.00E+00	1.73E+02	7.86E-05	5.74E-04	6.16E-03	3.15E-04	1.89E+00	1.63E-07	4.78E-08	5.59E+00	3.31E-01	6.28E-04	2.54E-02	3.54E-02	2.71E-01	1.83E+01	2.07E+00	3.84E-08	4.02E-08	2.17E-03	1.41E-04	8.08E-01	4.28E-01	2.13E+01	3.13E-05	2.12E+01	2.19E+01	1.02E+00	0.00E+00	0.00E+00	1.24E-04	1.34E+00
WGDS116EAEG	6.36E-03	7.41E-01	-1.29E-02	7.76E-01	1.74E-05	0.00E+00	1.73E+02	7.89E-05	5.76E-04	6.15E-03	3.23E-04	1.89E+00	1.66E-07	4.78E-08	5.52E+00	3.28E-01	6.28E-04	2.57E-02	3.54E-02	2.71E-01	1.84E+01	2.03E+00	3.97E-08	4.02E-08	2.19E-03	1.42E-04	8.11E-01	4.28E-01	2.14E+01	3.12E-05	2.13E+01	2.21E+01	1.02E+00	0.00E+00	0.00E+00	7.69E-05	1.34E+00
WGDS116EAIG	6.36E-03	7.39E-01	-1.32E-02	7.75E-01	1.74E-05	0.00E+00	1.73E+02	7.87E-05	5.77E-04	6.11E-03	4.51E-04	1.89E+00	1.66E-07	4.78E-08	5.52E+00	3.27E-01	6.31E-04	2.57E-02	3.55E-02	2.71E-01	1.84E+01	2.04E+00	3.96E-08	3.99E-08	2.20E-03	1.44E-04	8.11E-01	4.26E-01	2.14E+01	3.12E-05	2.13E+01	2.21E+01	1.02E+00	0.00E+00	0.00E+00	7.69E-05	1.34E+00
WGDS116EAKB	6.34E-03	7.31E-01	-1.37E-02	7.75E-01	1.74E-05	0.00E+00	1.73E+02	7.87E-05	5.76E-04	6.11E-03	4.60E-04	1.89E+00	1.66E-07	4.78E-08	5.51E+00	3.28E-01	6.32E-04	2.57E-02	3.55E-02	2.78E-01	1.84E+01	2.05E+00	3.95E-08	3.99E-08	2.20E-03	1.44E-04	8.09E-01	4.29E-01	2.14E+01	3.12E-05	2.13E+01	2.21E+01	1.02E+00	0.00E+00	0.00E+00	7.69E-05	1.34E+00
WGDS116EANB	6.41E-03	7.35E-01	-1.38E-02	7.79E-01	1.71E-05	0.00E+00	1.74E+02	9.99E-05	5.78E-04	6.14E-03	4.60E-04	1.89E+00	1.67E-07	4.81E-08	5.59E+00	3.34E-01	6.32E-04	2.65E-02	3.58E-02	2.54E-01	1.86E+01	2.06E+00	3.95E-08	4.02E-08	2.20E-03	1.43E-04	8.19E-01	4.29E-01	2.14E+01	3.10E-05	2.14E+01	2.22E+01	1.02E+00	0.00E+00	0.00E+00	7.69E-05	1.33E+00
WGDS116S	7.49E-03	7.80E-01	-6.23E-03	7.89E-01	8.26E-05	0.00E+00	4.70E+01	1.22E-04	5.87E-04	6.83E-03	4.34E-04	2.14E+00	3.48E-07	6.61E-08	5.72E+00	5.45E-01	6.38E-04	2.99E-02	1.12E-01	3.35E-01	1.90E+01	2.22E+00	9.81E-08	4.06E-08	2.30E-03	1.59E-04	5.60E-01	3.40E-01	2.15E+01	4.62E-05	2.14E+01	2.26E+01	1.01E+00	0.00E+00	0.00E+00	1.30E-04	2.51E+00
WGDS116SEG	7.31E-03	7.33E-01	-1.38E-02	7.67E-01	1.33E-05	0.00E+00	1.56E+02	1.09E-04	5.82E-04	6.22E-03	6.32E-04	2.33E+00	3.37E-07	6.48E-08	5.57E+00	3.75E-01	7.15E-04	2.93E-02	2.58E-02	3.09E-01	1.92E+01	1.99E+00	9.92E-08	4.04E-08	2.30E-03	1.55E-04	4.59E-01	4.46E-01	2.14E+01	4.52E-05	2.12E+01	2.22E+01	9.99E-01	0.00E+00	0.00E+00	7.76E-05	1.19E+00
WGDS116SIG	7.28E-03	7.33E-01	-1.53E-02	7.65E-01	1.33E-05	0.00E+00	1.56E+02	1.09E-04	5.79E-04	6.19E-03	6.30E-04	2.33E+00	3.37E-07	6.47E-08	5.59E+00	3.75E-01	7.13E-04	2.92E-02	2.61E-02	3.10E-01	1.92E+01	1.99E+00	9.92E-08	4.04E-08	2.27E-03	1.55E-04	4.59E-01	4.67E-01	2.14E+01	4.52E-05	2.12E+01	2.22E+01	1.00E+00	0.00E+00	0.00E+00	7.76E-05	1.21E+00
WGDS116SKB	7.31E-03	7.33E-01	-1.38E-02	7.67E-01	1.33E-05	0.00E+00	1.56E+02	1.09E-04	5.82E-04	6.22E-03	6.32E-04	2.33E+00	3.37E-07	6.48E-08	5.57E+00	3.75E-01	7.15E-04	2.93E-02	2.58E-02	3.09E-01	1.92E+01	1.99E+00	9.92E-08	4.04E-08	2.30E-03	1.55E-04	4.59E-01	4.46E-01	2.14E+01	4.52E-05	2.12E+01	2.22E+01	9.99E-01	0.00E+00	0.00E+00	7.76E-05	1.19E+00
WGDS116SNB	7.31E-03	7.35E-01	-1.38E-02	7.65E-01	1.33E-05	0.00E+00	1.56E+02	1.09E-04	5.81E-04	6.19E-03	6.30E-04	2.33E+00	3.37E-07	6.48E-08	5.62E+00	3.75E-01	7.13E-04	2.93E-02	2.58E-02	3.09E-01	1.92E+01	1.99E+00	9.92E-08	4.04E-08	2.29E-03	1.55E-04	4.59E-01	4.45E-01	2.14E+01	4.52E-05	2.12E+01	2.22E+01	9.98E-01	0.00E+00	0.00E+00	7.76E-05	1.19E+00
WGDS216IS	1.70E-02	1.78E+00	-1.60E-02	1.70E+00	1.22E-04	0.00E+00	3.39E+02	8.34E-05	1.48E-03	1.50E-02	7.60E-04	4.42E+00	2.64E-07	1.46E-07	1.06E+01	5.68E-01	1.92E-03	4.53E-02	5.66E-02	4.88E-01	3.83E+01	5.50E+00	1.16E-07	1.14E-07	6.10E-03	1.76E-04	1.24E+00	5.93E-01	4.41E+01	9.94E-05	4.41E+01	4.63E+01	2.01E+00	0.00E+00	0.00E+00	2.79E-04	2.68E+00
WGDS216ISEG	1.47E-02	1.47E+00	-1.59E-02	1.43E+00	1.21E-04	0.00E+00	3.39E+02	8.23E-05	1.43E-03	1.41E-02	7.55E-04	4.43E+00	2.64E-07	1.46E-07	1.06E+01	5.68E-01	1.70E-03	4.45E-02	5.65E-02	4.88E-01	3.74E+01	5.50E+00	1.14E-07	1.14E-07	5.46E-03	1.77E-04	1.24E+00	5.88E-01	4.16E+01	9.74E-05	4.17E+01	4.30E+01	1.97E+00	0.00E+00	0.00E+00	2.32E-04	2.68E+00
WGDS216ISIG	1.47E-02	1.47E+00	-1.59E-02	1.43E+00	1.21E-04	0.00E+00	3.39E+02	8.23E-05	1.43E-03	1.41E-02	7.55E-04	4.43E+00	2.64E-07	1.46E-07	1.06E+01	5.68E-01	1.70E-03	4.45E-02	5.65E-02	4.88E-01	3.74E+01	5.50E+00	1.14E-07	1.14E-07	5.46E-03	1.77E-04	1.24E+00	5.88E-01	4.16E+01	9.74E-05	4.17E+01	4.30E+01	1.97E+00	0.00E+00	0.00E+00	2.32E-04	2.68E+00

WGDS216ISKB	1.47E-02	1.47E+00	-1.59E-02	1.43E+00	1.21E-04	0.00E+00	3.39E+02	8.23E-05	1.43E-03	1.41E-02	7.55E-04	4.43E+00	2.64E-07	1.46E-07	1.06E+01	5.68E-01	1.70E-03	4.45E-02	5.65E-02	4.88E-01	3.74E+01	5.50E+00	1.14E-07	1.14E-07	5.46E-03	1.77E-04	1.24E+00	5.88E-01	4.16E+01	9.74E-05	4.17E+01	4.30E+01	1.97E+00	0.00E+00	0.00E+00	2.32E-04	2.68E+00
WGDS216ISNB	1.46E-02	1.45E+00	-1.59E-02	1.40E+00	1.21E-04	0.00E+00	3.39E+02	8.23E-05	1.41E-03	1.40E-02	7.53E-04	4.43E+00	2.64E-07	1.46E-07	1.06E+01	5.68E-01	1.59E-03	4.45E-02	5.65E-02	4.88E-01	3.71E+01	5.50E+00	1.14E-07	1.14E-07	5.42E-03	1.77E-04	1.25E+00	5.88E-01	4.11E+01	9.73E-05	4.12E+01	4.29E+01	1.96E+00	0.00E+00	0.00E+00	2.32E-04	2.68E+00
WGMS110US	5.54E-03	6.63E-01	-1.64E-02	6.62E-01	3.51E-05	0.00E+00	1.67E+02	1.08E-04	5.06E-04	5.54E-03	3.95E-04	1.81E+00	1.95E-07	5.26E-08	5.88E+00	4.09E-01	3.95E-04	2.54E-02	2.41E-02	2.69E-01	1.64E+01	1.73E+00	3.86E-08	4.10E-08	2.04E-03	1.27E-04	6.62E-01	4.49E-01	1.73E+01	3.82E-05	1.72E+01	1.85E+01	1.00E+00	0.00E+00	0.00E+00	1.20E-04	1.30E+00
WGMS113S	5.55E-03	6.84E-01	-7.39E-03	6.80E-01	6.18E-05	0.00E+00	2.91E+01	6.63E-05	4.94E-04	5.52E-03	2.80E-04	1.72E+00	1.67E-07	3.61E-08	5.56E+00	3.24E-01	3.31E-04	2.64E-02	3.74E-02	2.79E-01	1.84E+01	1.68E+00	3.97E-08	3.70E-08	2.07E-03	1.32E-04	6.90E-01	2.64E-01	1.96E+01	2.77E-05	1.95E+01	2.10E+01	9.74E-01	0.00E+00	0.00E+00	1.20E-04	1.56E+00
WGMS113SAS	5.53E-03	7.01E-01	-5.39E-03	7.03E-01	6.07E-05	0.00E+00	2.92E+01	6.67E-05	5.08E-04	5.56E-03	2.91E-04	1.73E+00	1.67E-07	3.61E-08	5.43E+00	3.18E-01	3.34E-04	2.61E-02	3.75E-02	2.83E-01	1.89E+01	1.70E+00	4.23E-08	3.68E-08	2.11E-03	1.34E-04	6.90E-01	2.53E-01	2.06E+01	2.76E-05	2.05E+01	2.18E+01	9.73E-01	0.00E+00	0.00E+00	6.91E-05	1.56E+00
WGMS113SKB	5.53E-03	7.01E-01	-5.39E-03	7.03E-01	6.07E-05	0.00E+00	2.92E+01	6.67E-05	5.08E-04	5.56E-03	2.91E-04	1.73E+00	1.67E-07	3.61E-08	5.43E+00	3.18E-01	3.34E-04	2.61E-02	3.74E-02	2.83E-01	1.89E+01	1.70E+00	4.23E-08	3.68E-08	2.11E-03	1.34E-04	6.92E-01	2.53E-01	2.05E+01	2.77E-05	2.04E+01	2.18E+01	9.73E-01	0.00E+00	0.00E+00	6.91E-05	1.56E+00
WGMS115S	7.30E-03	8.20E-01	-1.37E-02	8.44E-01	4.74E-05	0.00E+00	8.29E+01	1.18E-04	7.10E-04	7.11E-03	5.71E-04	2.14E+00	1.76E-07	5.28E-08	5.66E+00	3.96E-01	7.49E-04	2.83E-02	7.21E-02	3.27E-01	2.10E+01	2.15E+00	6.31E-08	4.98E-08	2.73E-03	1.59E-04	5.97E-01	4.72E-01	2.37E+01	3.83E-05	2.36E+01	2.45E+01	1.06E+00	0.00E+00	0.00E+00	2.19E-04	3.13E+00
WGMS115SKB	7.29E-03	8.24E-01	-1.37E-02	8.45E-01	4.75E-05	0.00E+00	8.29E+01	1.18E-04	7.09E-04	7.11E-03	5.71E-04	2.14E+00	1.76E-07	5.28E-08	5.64E+00	3.96E-01	7.61E-04	2.83E-02	7.22E-02	3.28E-01	2.12E+01	2.11E+00	6.38E-08	5.02E-08	2.78E-03	1.61E-04	5.96E-01	4.72E-01	2.37E+01	3.83E-05	2.37E+01	2.45E+01	1.06E+00	0.00E+00	0.00E+00	1.56E-04	3.13E+00
WGMS116EA	5.61E-03	6.43E-01	-7.21E-03	6.39E-01	1.86E-05	0.00E+00	1.72E+02	6.86E-05	5.04E-04	5.53E-03	4.52E-04	1.76E+00	1.57E-07	4.08E-08	5.52E+00	2.81E-01	5.80E-04	2.39E-02	2.47E-02	2.67E-01	1.59E+01	1.60E+00	4.08E-08	3.92E-08	2.05E-03	1.32E-04	6.64E-01	2.79E-01	1.69E+01	2.82E-05	1.68E+01	1.81E+01	9.78E-01	0.00E+00	0.00E+00	1.20E-04	1.26E+00
WGMS116EAAS	5.63E-03	6.50E-01	-7.31E-03	6.46E-01	1.87E-05	0.00E+00	1.71E+02	6.89E-05	5.08E-04	5.66E-03	4.61E-04	1.76E+00	1.58E-07	4.29E-08	5.50E+00	2.85E-01	5.84E-04	2.47E-02	2.46E-02	2.68E-01	1.61E+01	1.63E+00	4.20E-08	3.88E-08	2.05E-03	1.32E-04	6.69E-01	2.80E-01	1.73E+01	2.88E-05	1.72E+01	1.85E+01	9.86E-01	0.00E+00	0.00E+00	6.91E-05	1.25E+00
WGMS116EAKB	5.55E-03	6.63E-01	-7.27E-03	6.54E-01	1.89E-05	0.00E+00	1.72E+02	7.67E-05	4.98E-04	5.57E-03	3.65E-04	1.56E+00	1.60E-07	4.21E-08	5.51E+00	3.17E-01	5.18E-04	2.38E-02	3.72E-02	2.66E-01	1.66E+01	1.63E+00	3.90E-08	3.92E-08	2.03E-03	1.33E-04	6.50E-01	2.75E-01	1.79E+01	2.82E-05	1.79E+01	1.89E+01	9.84E-01	0.00E+00	0.00E+00	6.91E-05	1.64E+00
WGMS116ISAS	7.59E-03	8.76E-01	-5.02E-03	8.75E-01	4.54E-05	0.00E+00	1.71E+02	5.51E-05	7.18E-04	7.29E-03	6.80E-04	1.98E+00	1.76E-07	4.93E-08	6.19E+00	2.51E-01	8.93E-04	2.58E-02	5.20E-02	3.22E-01	2.00E+01	2.24E+00	6.25E-08	4.45E-08	3.03E-03	1.43E-04	8.89E-01	3.08E-01	2.44E+01	6.20E-05	2.41E+01	2.59E+01	1.21E+00	0.00E+00	0.00E+00	1.02E-04	2.41E+00
WGMS116ISKB	7.61E-03	8.76E-01	-5.02E-03	8.78E-01	4.59E-05	0.00E+00	1.72E+02	5.50E-05	7.18E-04	7.29E-03	6.80E-04	1.98E+00	1.76E-07	5.03E-08	6.19E+00	2.54E-01	8.94E-04	2.58E-02	5.20E-02	3.22E-01	2.00E+01	2.23E+00	6.25E-08	4.44E-08	3.03E-03	1.43E-04	8.84E-01	3.10E-01	2.44E+01	6.30E-05	2.41E+01	2.59E+01	1.21E+00	0.00E+00	0.00E+00	1.02E-04	2.41E+00
WGMS116S	5.83E-03	6.96E-01	-7.06E-03	6.93E-01	7.62E-05	0.00E+00	4.72E+01	1.21E-04	5.21E-04	6.20E-03	3.94E-04	1.87E+00	3.48E-07	6.39E-08	5.48E+00	5.23E-01	5.52E-04	3.07E-02	1.12E-01	3.14E-01	1.74E+01	1.77E+00	9.82E-08	3.89E-08	2.06E-03	1.36E-04	5.44E-01	3.28E-01	1.96E+01	4.41E-05	1.94E+01	2.05E+01	9.45E-01	0.00E+00	0.00E+00	6.91E-05	2.49E+00
WGMS116SKB	5.82E-03	6.96E-01	-7.25E-03	6.94E-01	7.43E-05	0.00E+00	4.73E+01	1.20E-04	5.21E-04	6.21E-03	3.94E-04	1.84E+00	3.48E-07	6.40E-08	5.48E+00	5.23E-01	5.52E-04	3.07E-02	3.58E-02	3.15E-01	1.75E+01	1.77E+00	9.82E-08	3.89E-08	2.06E-03	1.36E-04	5.42E-01	3.28E-01	1.96E+01	4.42E-05	1.95E+01	2.05E+01	9.42E-01	0.00E+00	0.00E+00	6.91E-05	1.50E+00
WGMS213S	1.09E-02	1.30E+00	-5.57E-03	1.30E+00	9.53E-05	0.00E+00	5.68E+01	1.83E-04	9.77E-04	1.04E-02	1.49E-04	3.36E+00	4.45E-07	8.32E-08	8.10E+00	6.57E-01	2.74E-04	5.63E-02	6.86E-02	4.57E-01	2.88E+01	3.41E+00	5.87E-08	7.02E-08	3.74E-03	1.95E-04	1.29E+00	3.53E-01	3.37E+01	8.90E-05	3.38E+01	3.53E+01	1.70E+00	0.00E+00	0.00E+00	2.74E-04	3.00E+00
WGMS216EA	6.51E-03	7.74E-01	-4.85E-03	7.90E-01	2.35E-05	0.00E+00	1.86E+02	5.50E-05	5.86E-04	6.46E-03	6.76E-04	1.97E+00	1.60E-07	4.31E-08	6.09E+00	2.54E-01	8.81E-04	2.10E-02	2.34E-02	2.78E-01	1.78E+01	2.23E+00	3.72E-08	3.90E-08	2.26E-03	1.40E-04	9.04E-01	3.07E-01	1.99E+01	3.08E-05	1.98E+01	2.14E+01	1.08E+00	0.00E+00	0.00E+00	1.11E-04	1.16E+00
WGMS216EAAS	6.64E-03	7.79E-01	-5.05E-03	7.94E-01	2.35E-05	0.00E+00	1.86E+02	5.54E-05	6.00E-04	6.50E-03	7.00E-04	1.97E+00	1.62E-07	4.63E-08	6.05E+00	2.56E-01	8.98E-04	2.18E-02	2.32E-02	2.76E-01	1.79E+01	2.17E+00	3.90E-08	3.89E-08	2.29E-03	1.41E-04	9.06E-01	3.13E-01	2.01E+01	3.17E-05	2.00E+01	2.15E+01	1.07E+00	0.00E+00	0.00E+00	6.91E-05	1.16E+00
WGMS216EAKB	6.68E-03	7.77E-01	-5.04E-03	7.94E-01	2.35E-05	0.00E+00	1.86E+02	5.54E-05	6.00E-04	6.50E-03	7.00E-04	1.97E+00	1.62E-07	4.63E-08	6.05E+00	2.56E-01	8.98E-04	2.18E-02	2.32E-02	2.76E-01	1.79E+01	2.17E+00	3.90E-08	3.90E-08	2.30E-03	1.41E-04	9.11E-01	3.16E-01	2.00E+01	3.23E-05	2.00E+01	2.14E+01	1.07E+00	0.00E+00	0.00E+00	6.91E-05	1.16E+00
WGMS216IS	9.55E-03	1.28E+00	-1.41E-02	1.33E+00	4.65E-05	0.00E+00	3.78E+02	8.66E-05	8.91E-04	9.97E-03	7.21E-04	4.03E+00	2.43E-07	6.13E-08	8.05E+00	2.90E-01	1.42E-03	4.27E-02	5.49E-02	4.64E-01	3.67E+01	5.51E+00	9.89E-08	8.10E-08	3.77E-03	1.62E-04	1.27E+00	5.17E-01	4.03E+01	7.58E-05	4.04E+01	4.18E+01	2.01E+00	0.00E+00	0.00E+00	2.72E-04	2.54E+00
WGMS216ISKB	9.73E-03	1.29E+00	-1.39E-02	1.32E+00	4.68E-05	0.00E+00	4.21E+02	8.65E-05	9.00E-04	9.93E-03	7.56E-04	4.39E+00	2.42E-07	8.98E-08	1.01E+01	2.87E-01	1.50E-03	4.23E-02	5.51E-02	4.64E-01	3.66E+01	5.52E+00	1.02E-07	9.82E-08	3.78E-03	1.64E-04	1.26E+00	5.18E-01	4.03E+01	7.88E-05	4.04E+01	4.17E+01	1.97E+00	0.00E+00	0.00E+00	2.25E-04	2.54E+00
WGMS216UI	9.34E-03	9.20E-01	-5.53E-03	9.28E-01	2.49E-05	0.00E+00	1.91E+02	1.14E-04	7.97E-04	8.85E-03	8.23E-04	2.21E+00	1.64E-07	5.51E-08	5.95E+00	2.73E-01	1.05E-03	2.76E-02	2.58E-02	3.02E-01	1.80E+01	2.31E+00	5.70E-08	5.65E-08	2.93E-03	1.46E-04	1.01E+00	3.49E-01	2.09E+01	5.61E-05	2.08E+01	2.23E+01	1.58E+00	0.00E+00	0.00E+00	1.11E-04	1.29E+00
WH105853E	1.66E-03	1.52E-01	-3.58E-03	1.56E-01	3.60E-06	0.00E+00	2.50E+02	1.04E-05	1.20E-04	1.30E-03	1.88E-04	7.91E-01	7.22E-09	1.72E-08	1.93E+00	3.25E-02	2.54E-04	1.57E-03	2.61E-03	4.80E-02	2.52E+00	4.05E-01	8.81E-09	1.04E-08	4.35E-04	1.65E-05	1.00E-01	8.27E-02	2.92E+00	9.47E-06	2.92E+00	3.10E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	1.12E-01
WH105853F	2.04E-03	2.15E-01	-1.52E-02	2.30E-01	3.60E-06	0.00E+00	2.50E+02	1.07E-05	1.74E-04	1.84E-03	3.30E-04	1.37E+00	8.69E-09	1.84E-08	1.93E+00	3.29E-02	4.46E-04	4.40E-03	3.48E-03	7.87E-02	3.96E+00	4.09E-01	2.62E-08	2.48E-08	6.22E-04	3.16E-05	7.64E-02	2.41E-01	4.37E+00	1.73E-05	4.37E+00	4.68E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-01
WH105854E	4.19E-03	4.76E-01	3.34E-03	4.96E-01	6.34E-06	0.00E+00	2.62E+02	3.30E-05	3.80E-04	4.09E-03	5.72E-04	1.70E+00	1.32E-07	3.64E-08	3.20E+00	9.73E-02	7.86E-04	8.10E-03	2.05E-02	2.08E-01	9.64E+00	1.38E+00	3.87E-08	3.61E-08	1.54E-03	8.36E-05	5.05E-01	1.20E-01	1.12E+01	2.74E-05	1.12E+01	1.19E+01	8.26E-01	0.00E+00	0.00E+00	3.90E-10	7.67E-01
WH105952E	4.23E-03	4.78E-01	3.53E-03	4.98E-01	5.89E-06	0.00E+00	2.62E+02	3.34E-05	3.80E-04	4.09E-03	5.72E-04	1.80E+00	1.33E-07	3.64E-08	3.23E+00	9.76E-02	7.86E-04	8.10E-03	2.29E-02	2.08E-01	9.68E+00	1.38E+00	3.94E-08	4.10E-08	1.55E-03	8.47E-05	6.00E-01	1.20E-01	1.13E+01	2.79E-05	1.13E+01	1.20E+01	8.46E-01	0.00E+00	0.00E+00	3.90E-10	8.86E-01
WH105952F	2.37E-03	2.68E-01	2.97E-03	2.67E-01	6.49E-06	0.00E+00	2.34E+02	3.19E-05	1.81E-04	1.93E-03	3.20E-04	1.60E+00	9.86E-08	3.28E-08	3.53E+00	7.50E-02	4.33E-04	7.38E-03	2.30E-02	9.04E-02	4.59E+00	6.79E-01	5.51E-08	3.64E-08	1.02E-03	5.33E-05	4.82E-01	5.98E-02	5.26E+00	2.32E-05	5.26E+00	5.53E+00	5.00E-01	0.00E+00	0.00E+00	3.90E-10	8.69E-01
WH105962E	3.52E-03	2.94E-01	-4.59E-03	2.95E-01	9.13E-06	0.00E+00	4.99E+02	4.77E-05	3.26E-04	3.41E-03	3.88E-04	2.00E+00	9.21E-09	4.17E-08	4.76E+00	8.96E-02	5.28E-04	7.60E-03	6.88E-03	1.27E-01	5.70E+00	8.82E-01	3.66E-08	2.39E-08	1.13E-03	5.96E-05	5.25E-01	2.30E-01	7.13E+00	3.12E-05	7.13E+00	7.91E+00	7.71E-01	0.00E+00	0.00E+00	3.90E-10	3.21E-01
WH106007E	4.92E-02	7.70E+00	9.10E-03	7.69E+00	1.66E-08	0.00E+00	6.26E+02	4.99E-05	5.01E-03	5.28E-02	7.30E-04	3.48E+00	5.50E-09	1.40E-07	6.34E+00	1.08E-01	9.89E-04	7.96E-03	3.99E-02	1.76E+00	8.76E+01	1.27E+00	9.46E-07	2.86E-07	1.78E-02	7.86E-04	3.37E+00	7.24E-02	8.89E+01	1.43E-04	8.89E+01	9.23E+01	3.44E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
WH106253E	3.19E-03	2.40E-01	3.86E-03	2.58E-01	5.29E-06	0.00E+00	4.58E+02	2.31E-05	1.68E-04	1.86E-03	2.90E-04	2.05E+00	7.45E-09	3.53E-08	4.74E+00	6.51E-02	3.78E-04	2.65E-03	5.06E-03	8.85E-02	3.70E+00	8.13E-01	4.98E-08	1.91E-08	9.03E-04	4.56E-05	2.29E-01	5.27E-02	4.41E+00	2.47E-05	4.41E+00	4.86E+00	2.22E-01	0.00E+00	0.00E+00	3.90E-10	2.00E-01
WH106257F	4.04E-03	3.09E-01	4.19E-03	3.07E-01	5.49E-06	0.00E+00	4.62E+02	2.37E-05	2.84E-04	2.91E-03	3.67E-04	2.25E+00	9.05E-09	3.52E-08	4.98E+00	7.18E-02	4.89E-04	4.75E-03	7.39E-03	1.24E-01	6.44E+00	8.85E-01	5.11E-08	4.20E-08	1.14E-03	6.91E-05	3.83E-01	7.42E-02	7.62E+00	2.75E-05	7.62E+00	8.06E+00	8.21E-01	0.00E+00	0.00E+00	3.90E-10	3.33E-01
WH106453E	4.94E-03	3.57E-01	5.08E-03	3.52E-01	3.61E-06	0.00E+00	6.34E+02	3.22E-05	2.70E-04	2.96E-03	3.68E-04	2.69E+00	1.03E-08	5.61E-08	5.98E+00	8.61E-02	4.99E-04	4.46E-03	8.50E-03	1.01E-01	5.31E+00	9.07E-01	2.59E-08	3.03E-08	1.08E-03	3.75E-05	2.18E-01	3.65E-02	6.21E+00	3.04E-05	6.21E+00	6.47E+00	2.55E-01	0.00E+00	0.00E+00	0.00E+00	3.65E-01
WH106453F	5.31E-03	4.29E-01	5.06E-03	4.24E-01	3.61E-06	0.00E+00	6.35E+02	3.24E-05	3.10E-04	3.41E-03	4.49E-04	3.32E+00	1.03E-08	5.75E-08	5.98E+00	8.66E-02	6.09E-04	7.47E-03	9.21E-03	1.29E-01	6.79E+00	9.09E-01	4.48E-08	4.59E-08	1.25E-03	5.18E-05	2.29E-01	4.46E-02	7.70E+00	3.91E-05	7.70E+00	7.97E+00	2.74E-01	0.00E+00	0.00E+00	0.00E+00	3.96E-01
WH106457E	5.17E-03	3.16E-01	-4.17E-03	3.20E-01	4.77E-06	0.00E+00	4.82E+02	3.28E-05	2.62E-04	2.86E-03	4.36E-04	2.87E+00	1.08E-08	5.85E-08	6.55E+00	9.67E-02	5.91E-04	4.99E-03	9.11E-03	1.06E-01	5.24E+00	7.40E-01	2.56E-08	3.18E-08	1.07E-03	4.15E-05	2.33E-01	1.63E-01	5.98E+00	3.26E-05	5.98E+00	6.37E+00	3.95E-01	0.00E+00	0.00E+00	0.00E+00	3.91E-01
WH106457F	5.74E-03	3.95E-01	4.78E-03	3.99E-01	1.37E-05	0.00E+00	4.87E+02	3.29E-05	3.00E-04	3.10E-03	4.66E-04	3.37E+00	1.03E-08	5.83E-08	6.57E+00	9.13E-02	6.31E-04	7.41E-03	9.58E-03	1.67E-01	7.12E+00	1.07E+00	5.65E-08	4.73E-08	1.18E-03	7.46E-05	4.16E-01	8.08E-02	8.50E+00	3.45E-05	8.50E+00	9.23E+00	7.78E-01	0.00E+00	0.00E+00	3.90E-10	3.96E-01
WH11580100C	5.63E-03	6.77E-01	8.65E-03	6.92E-01	4.30E-06	0.00E+00	2.58E+02	1.88E-05	5.74E-04	6.24E-03	8.69E-04	1.46E+00	8.61E-09	3.79E-08	4.03E+00	5.46E-02	1.18E-03	5.55E-03	1.31E-02	3.00E-01	1.39E+01	2.00E+00	1.31E-07	4.93E-08	2.27E-03	1.24E-04	1.53E+00	2.37E-01	1.67E+01	2.14E-05	1.67E+01	1.86E+01	1.89E+00	0.00E+00	0.00E+00	3.90E-10	6.69E-01
WH11580300A	2.23E-03	2.32E-01	-7.17E-03	2.39E-01	3.68E-06	0.00E+00	2.60E+02	3.66E-06	1.94E-04	2.05E-03	3.03E-04	8.30E-01	7.97E-09	1.76E-08	2.10E+00	1.17E-02	4.11E-04	1.71E-03	4.80E-03	9.29E-02	4.50E+00	6.75E-01	3.50E-08	1.43E-08	7.29E-04	3.95E-05	1.46E-01	1.89E-01	5.18E+00	9.54E-06	5.18E+00	5.51E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	2.06E-01
WH11580300B	1.84E-03	1.88E-01	1.37E-03	1.86E-01	6.41E-06	0.00E+00	2.41E+02	1.45E-05	1.21E-04	1.34E-03	1.92E-04	1.19E+00	7.02E-09	3.16E-08	3.30E+00	3.26E-02	2.86E-04	3.56E-03	4.66E-03	8.43E-02	4.04E+00	6.29E-01	1.04E-07	3.11E-08	4.26E-04	5.61E-05	7.29E-01	8.92E-02	3.99E+00	1.64E-05	3.99E+00	4.33E+00	5.23E-01	0.00E+00	0.00E+00	3.90E-10	1.84E-01
WH11580300C	3.45E-03	4.21E-01	-1.33E-02	4.34E-01	3.60E-06	0.00E+00	2.54E+02	1.12E-05	3.56E-04	3.79E-03	6.03E-04	1.38E+00	9.08E-09	1.91E-08	2.18E+00	3.36E-02	8.16E-04	4.71E-03	9.94E-03	2.00E-01	8.97E+00	1.25E+00	1.12E-07	3.46E-08	1.41E-03	1.02E-04	8.58E-01	3.99E-01	1.02E+01	1.75E-05	1.02E+01	1.15E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-01
WH11580305A	1.84E-03	1.88E-01	1.61E-03	1.86E-01	6.41E-06	0.00E+00	2.40E+02	1.44E-05	1.21E-04	1.34E-03	1.92E-04	1.01E+00	6.93E-09	3.18E-08	3.30E+00	3.13E-02	2.86E-04	1.84E-03	4.59E-03	7.30E-02	3.90E+00	6.30E-01	1.00E-07	1.54E-08	4.30E-04	4.43E-05	4.40E-01	8.80E-02	3.96E+00	1.49E-05	3.96E+00	4.28E+00	2.65E-01	0.00E+00	0.00E+00	3.90E-10	1.85E-01
WH11580305B	1.84E-03	1.88E-01	1.37E-03	1.86E-01	6.41E-06	0.00E+00	2.41E+02	1.45E-05	1.21E-04	1.34E-03	1.92E-04	1.19E+00	7.02E-09	3.16E-08	3.30E+00	3.26E-02	2.86E-04	3.56E-03	4.66E-03	8.43E-02	4.04E+00	6.29E-01	1.04E-07	3.11E-08	4.26E-04	5.61E-05	7.29E-01	8.92E-02	3.99E+00	1.64E-05	3.99E+00	4.33E+00	5.23E-01	0.00E+00	0.00E+00	3.90E-10	1.84E-01
WH11580305C	1.86E-03	1.88E-01	1.25E-03	1.86E-01	5.76E-06	0.00E+00	2.42E+02	1.45E-05	1.21E-04	1.37E-03	1.98E-04	1.18E+00	6.98E-09	3.16E-08	3.30E+00	3.29E-02	2.89E-04	3.59E-03	7.42E-03	8.54E-02	4.18E+00	6.29E-01	1.12E-07	3.14E-08	4.32E-04	6.47E-05	8.68E-01	1.25E-01	4.07E+00	1.73E-05	4.07E+00	4.42E+00	7.14E-01	0.00E+00	0.00E+00	3.90E-10	3.44E-01
WH11580306C	1.86E-03	1.88E-01	1.25E-03	1.86E-01	5.76E-06	0.00E+00	2.42E+02	1.45E-05	1.21E-04	1.37E-03	1.98E-04	1.18E+00	6.98E-09	3.16E-08	3.30E+00	3.29E-02	2.89E-04	3.59E-03	7.42E-03	8.54E-02	4.18E+00	6.29E-01	1.12E-07	3.14E-08	4.32E-04	6.47E-05	8.68E-01	1.25E-01	4.07E+00	1.73E-05	4.07E+00	4.42E+00	7.14E-01	0.00E+00	0.00E+00	3.90E-10	3.44E-01
WH11585300A	2.31E-03	2.24E-01	-5.09E-03	2.44E-01	5.27E-06	0.00E+00	2.43E+02	2.01E-05	1.81E-04	2.00E-03	2.93E-04	9.35E-01	7.41E-09	3.04E-08	3.15E+00	2.75E-02	3.83E-04	2.24E-03	4.43E-03	7.37E-02	4.46E+00	7.80E-01	6.53E-08	1.65E-08	7.82E-04	4.35E-05	3.55E-01	1.97E-01	4.76E+00	1.45E-05	4.76E+00	5.44E+00	5.08E-01	0.00E+00	0.00E+00	3.90E-10	2.03E-01
WH11585300B	1.79E-03	1.91E-01	1.41E-03	1.89E-01	6.33E-06	0.00E+00	2.41E+02	2.17E-05	1.23E-04	1.44E-03	1.92E-04	1.17E+00	7.00E-09	3.15E-08	3.20E+00	3.25E-02	2.86E-04	3.60E-03	4.68E-03	8.45E-02	4.05E+00	6.28E-01	1.04E-07	3.12E-08	4.27E-04	5.61E-05	7.35E-01	9.25E-02	3.99E+00	1.62E-05	3.99E+00	4.34E+00	6.12E-01	0.00E+00	0.00E+00	3.90E-10	1.85E-01
WH11585300C	3.40E-03	4.27E-01	3.55E-03	4.23E-01	3.60E-06	0.00E+00	2.53E+02	1.13E-05	3.39E-04	3.72E-03	5.04E-04	1.39E+00	7.04E-09	1.91E-08	2.20E+00	3.38E-02	6.83E-04	4.60E-03	1.01E-02	1.96E-01	9.87E+00	1.25E+00	1.12E-07	3.55E-08	1.38E-03	9.61E-05	1.39E+00	1.80E-01	1.11E+01	1.74E-05	1.11E+01	1.27E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-01
WH11585305A	2.31E-03	2.24E-01	-5.09E-03	2.44E-01	5.27E-06	0.00E+00	2.43E+02	2.01E-05	1.81E-04	2.00E-03	2.93E-04	9.35E-01	7.41E-09	3.04E-08	3.15E+00	2.75E-02	3.83E-04	2.24E-03	4.43E-03	7.37E-02	4.46E+00	7.80E-01	6.53E-08	1.65E-08	7.82E-04	4.35E-05	3.55E-01	1.97E-01	4.76E+00	1.45E-05	4.76E+00	5.44E+00	5.08E-01	0.00E+00	0.00E+00	3.90E-10	2.03E-01
WH11585305B	1.79E-03	1.91E-01	1.41E-03	1.89E-01	6.33E-06	0.00E+00	2.41E+02	2.17E-05	1.23E-04	1.44E-03	1.92E-04	1.17E+00	7.00E-09	3.15E-08	3.20E+00	3.25E-02	2.86E-04	3.60E-03	4.68E-03	8.45E-02	4.05E+00	6.28E-01	1.04E-07	3.12E-08	4.27E-04	5.61E-05	7.35E-01	9.25E-02	3.99E+00	1.62E-05	3.99E+00	4.34E+00	6.12E-01	0.00E+00	0.00E+00	3.90E-10	1.85E-01
WH11585305C	1.81E-03	1.91E-01	1.27E-03	1.89E-01	5.76E-06	0.00E+00	2.42E+02	1.90E-05	1.24E-04	1.46E-03	1.98E-04	1.17E+00	6.96E-09	3.16E-08	3.20E+00	3.27E-02	2.89E-04	3.66E-03	7.45E-03	8.56E-02	4.19E+00	6.28E-01	1.12E-07	3.15E-08	4.33E-04	6.47E-05	8.82E-01	1.21E-01	4.07E+00	1.72E-05	4.07E+00	4.46E+00	8.11E-01	0.00E+00	0.00E+00	3.90E-10	3.49E-01
WH11585306A	2.31E-03	2.24E-01	-5.09E-03	2.44E-01	5.27E-06	0.00E+00	2.43E+02	2.01E-05	1.81E-04	2.00E-03	2.93E-04	9.35E-01	7.41E-09	3.04E-08	3.15E+00	2.75E-02	3.83E-04	2.24E-03	4.43E-03	7.37E-02	4.46E+00	7.80E-01	6.53E-08	1.65E-08	7.82E-04	4.35E-05	3.55E-01	1.97E-01	4.76E+00	1.45E-05	4.76E+00	5.44E+00	5.08E-01	0.00E+00	0.00E+00	3.90E-10	2.03E-01
WH11585400A	1.78E-03	2.17E-01	1.43E-03	2.01E-01	6.10E-06	0.00E+00	2.59E+02	3.40E-05	1.37E-04	1.50E-03	1.86E-04	1.41E+00	1.16E-07	3.43E-08	2.89E+00	6.64E-02	2.94E-04	9.74E-03	2.25E-02	7.23E-02	4.08E+00	5.42E-01	1.83E-07	1.68E-08	4.86E-04	4.17E-05	6.64E-01	7.16E-02	4.22E+00	2.25E-05	4.22E+00	4.44E+00	4.53E-01	0.00E+00	0.00E+00	3.90E-10	8.16E-01
WH11585400C	1.79E-03	2.17E-01	1.01E-03	2.01E-01	4.21E-06	0.00E+00	2.59E+02	3.34E-05	1.37E-04	1.50E-03	1.93E-04	1.51E+00	1.25E-07	3.43E-08	2.86E+00	6.62E-02	2.98E-04	9.96E-03	2.36E-02	9.18E-02	4.28E+00	5.42E-01	1.58E-07	3.48E-08	4.85E-04	7.51E-05	1.10E+00	1.14E-01	4.33E+00	2.43E-05	4.33E+00	4.65E+00	8.73E-01	0.00E+00	0.00E+00	3.90E-10	8.78E-01
WH11592200A	1.83E-03	2.12E-01	1.72E-03	1.95E-01	5.71E-06	0.00E+00	2.55E+02	2.70E-05	1.34E-04	1.40E-03	1.86E-04	1.54E+00	1.13E-07	3.44E-08	2.98E+00	6.81E-02	2.94E-04	7.79E-03	2.53E-02	7.10E-02	4.15E+00	5.42E-01	1.83E-07	2.76E-08	4.84E-04	4.31E-05	7.72E-01	7.21E-02	4.30E+00	2.35E-05	4.30E+00	4.59E+00	3.74E-01	0.00E+00	0.00E+00	3.90E-10	9.83E-01
WH11592200B	1.83E-03	2.12E-01	1.43E-03	1.95E-01	5.28E-06	0.00E+00	2.54E+02	2.70E-05	1.34E-04	1.40E-03	1.86E-04	1.62E+00	1.13E-07	3.43E-08	2.97E+00	6.86E-02	2.94E-04	8.31E-03	2.55E-02	8.47E-02	4.26E+00	5.41E-01	1.49E-07	3.57E-08	4.80E-04	5.60E-05	8.43E-01	7.40E-02	4.34E+00	2.44E-05	4.34E+00	4.64E+00	6.19E-01	0.00E+00	0.00E+00	3.90E-10	9.95E-01
WH11592200C	1.84E-03	2.12E-01	1.08E-03	1.95E-01	3.83E-06	0.00E+00	2.54E+02	2.71E-05	1.34E-04	1.40E-03	1.93E-04	1.60E+00	1.20E-07	3.43E-08	2.95E+00	6.74E-02	2.98E-04	8.24E-03	2.60E-02	9.13E-02	4.28E+00	5.41E-01	1.57E-07	3.77E-08	4.84E-04	7.55E-05	1.02E+00	1.21E-01	4.33E+00	2.51E-05	4.33E+00	4.61E+00	7.60E-01	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH11592205A	1.83E-03	2.12E-01	1.72E-03	1.95E-01	5.71E-06	0.00E+00	2.55E+02	2.70E-05	1.34E-04	1.40E-03	1.86E-04	1.54E+00	1.13E-07	3.44E-08	2.98E+00	6.81E-02	2.94E-04	7.79E-03	2.53E-02	7.10E-02	4.15E+00	5.42E-01	1.83E-07	2.76E-08	4.84E-04	4.31E-05	7.72E-01	7.21E-02	4.30E+00	2.35E-05	4.30E+00	4.59E+00	3.74E-01	0.00E+00	0.00E+00	3.90E-10	9.83E-01
WH11592205B	1.83E-03	2.12E-01	1.43E-03	1.95E-01	5.28E-06	0.00E+00	2.54E+02	2.70E-05	1.34E-04	1.40E-03	1.86E-04	1.62E+00	1.13E-07	3.43E-08	2.97E+00	6.86E-02	2.94E-04	8.31E-03	2.55E-02	8.47E-02	4.26E+00	5.41E-01	1.49E-07	3.57E-08	4.80E-04	5.60E-05	8.43E-01	7.40E-02	4.34E+00	2.44E-05	4.34E+00	4.64E+00	6.19E-01	0.00E+00	0.00E+00	3.90E-10	9.95E-01
WH11592205C	1.84E-03	2.12E-01	1.08E-03	1.95E-01	3.83E-06	0.00E+00	2.54E+02	2.71E-05	1.34E-04	1.40E-03	1.93E-04	1.60E+00	1.20E-07	3.43E-08	2.95E+00	6.74E-02	2.98E-04	8.24E-03	2.60E-02	9.13E-02	4.28E+00	5.41E-01	1.57E-07	3.77E-08	4.84E-04	7.55E-05	1.02E+00	1.21E-01	4.33E+00	2.51E-05	4.33E+00	4.61E+00	7.60E-01	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH11593200A	9.18E-03	1.12E+00	-3.46E-02	1.11E+00	6.35E-06	0.00E+00	6.80E+02	3.95E-05	1.08E-03	1.19E-02	1.68E-03	2.98E+00	2.34E-08	7.17E-08	7.19E+00	1.58E-01	2.28E-03	1.04E-02	1.80E-02	4.68E-01	2.14E+01	4.32E+00	1.13E-07	7.27E-08	4.01E-03	1.98E-04	1.69E+00	1.50E+00	2.71E+01	6.21E-05	2.70E+01	2.83E+01	2.34E+00	0.00E+00	0.00E+00	3.90E-10	7.28E-01
WH11593200B	1.22E-02	1.61E+00	-1.94E-01	1.75E+00	6.36E-06	0.00E+00	3.60E+03	5.22E-05	1.49E-03	1.67E-02	3.19E-03	3.36E+00	1.11E-07	8.93E-08	7.88E+00	1.38E-01	4.64E-03	1.43E-02	1.98E-02	4.79E-01	2.84E+01	7.13E+00	1.52E-07	9.28E-08	5.37E-03	2.23E-04	1.70E+00	2.59E+00	3.77E+01	6.44E-05	3.78E+01	4.12E+01	3.69E+00	0.00E+00	0.00E+00	3.90E-10	8.20E-01
WH11593205C	1.22E-02	1.61E+00	-4.16E-02	1.75E+00	6.39E-06	0.00E+00	6.67E+02	5.09E-05	1.49E-03	1.68E-02	3.19E-03	3.36E+00	1.11E-07	8.88E-08	7.88E+00	1.39E-01	4.64E-03	1.44E-02	2.27E-02	4.74E-01	2.87E+01	7.17E+00	1.56E-07	9.30E-08	5.38E-03	2.24E-04	1.99E+00	1.81E+00	3.82E+01	6.45E-05	3.82E+01	4.16E+01	3.71E+00	0.00E+00	0.00E+00	3.90E-10	9.75E-01
WH11593206C	1.22E-02	1.61E+00	-4.16E-02	1.75E+00	6.39E-06	0.00E+00	6.67E+02	5.09E-05	1.49E-03	1.68E-02	3.19E-03	3.36E+00	1.11E-07	8.88E-08	7.88E+00	1.39E-01	4.64E-03	1.44E-02	2.27E-02	4.74E-01	2.87E+01	7.17E+00	1.56E-07	9.30E-08	5.38E-03	2.24E-04	1.99E+00	1.81E+00	3.82E+01	6.45E-05	3.82E+01	4.16E+01	3.71E+00	0.00E+00	0.00E+00	3.90E-10	9.75E-01
WH11595200A	1.78E-03	2.17E-01	1.76E-03	2.01E-01	5.65E-06	0.00E+00	2.59E+02	3.43E-05	1.37E-04	1.50E-03	1.86E-04	1.53E+00	1.18E-07	3.43E-08	2.89E+00	6.73E-02	2.94E-04	9.42E-03	2.58E-02	7.23E-02	4.16E+00	5.42E-01	1.83E-07	2.78E-08	4.86E-04	4.31E-05	7.77E-01	7.29E-02	4.30E+00	2.35E-05	4.30E+00	4.58E+00	4.53E-01	0.00E+00	0.00E+00	3.90E-10	9.84E-01
WH11595200B	1.79E-03	2.17E-01	1.47E-03	2.01E-01	5.23E-06	0.00E+00	2.58E+02	3.40E-05	1.37E-04	1.50E-03	1.86E-04	1.61E+00	1.19E-07	3.42E-08	2.88E+00	6.74E-02	2.94E-04	9.81E-03	2.61E-02	8.59E-02	4.26E+00	5.42E-01	1.50E-07	3.56E-08	4.81E-04	5.60E-05	8.50E-01	7.51E-02	4.34E+00	2.44E-05	4.34E+00	4.63E+00	7.29E-01	0.00E+00	0.00E+00	3.90E-10	9.96E-01
WH11595200C	5.53E-03	6.71E-01	9.04E-03	6.85E-01	2.30E-06	0.00E+00	2.83E+02	3.41E-05	5.87E-04	6.33E-03	8.70E-04	1.90E+00	1.19E-07	3.51E-08	3.70E+00	7.84E-02	1.18E-03	1.20E-02	2.78E-02	2.93E-01	1.44E+01	1.73E+00	1.34E-07	5.40E-08	2.27E-03	1.37E-04	1.49E+00	2.58E-01	1.70E+01	3.31E-05	1.70E+01	1.87E+01	1.88E+00	0.00E+00	0.00E+00	3.90E-10	1.24E+00
WH11595205A	1.78E-03	2.17E-01	1.76E-03	2.01E-01	5.65E-06	0.00E+00	2.59E+02	3.43E-05	1.37E-04	1.50E-03	1.86E-04	1.53E+00	1.18E-07	3.43E-08	2.89E+00	6.73E-02	2.94E-04	9.42E-03	2.58E-02	7.23E-02	4.16E+00	5.42E-01	1.83E-07	2.78E-08	4.86E-04	4.31E-05	7.77E-01	7.29E-02	4.30E+00	2.35E-05	4.30E+00	4.58E+00	4.53E-01	0.00E+00	0.00E+00	3.90E-10	9.84E-01
WH11595205C	1.80E-03	2.17E-01	1.12E-03	2.01E-01	3.78E-06	0.00E+00	2.59E+02	3.39E-05	1.37E-04	1.50E-03	1.93E-04	1.60E+00	1.26E-07	3.43E-08	2.86E+00	6.62E-02	2.98E-04	9.75E-03	2.65E-02	9.25E-02	4.28E+00	5.42E-01	1.58E-07	3.77E-08	4.85E-04	7.55E-05	1.03E+00	1.15E-01	4.33E+00	2.51E-05	4.33E+00	4.65E+00	8.66E-01	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH11596200A	4.71E-03	4.33E-01	4.68E-03	4.28E-01	5.88E-06	0.00E+00	5.01E+02	2.89E-05	3.54E-04	4.00E-03	4.50E-04	1.96E+00	9.45E-09	4.19E-08	4.92E+00	8.33E-02	6.09E-04	4.28E-03	9.33E-03	1.58E-01	1.06E+01	1.20E+00	6.24E-08	3.27E-08	1.37E-03	5.57E-05	1.81E+00	1.08E-01	1.18E+01	2.29E-05	1.18E+01	1.37E+01	1.92E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-01
WH11596200B	1.22E-02	1.61E+00	-1.94E-01	1.75E+00	6.36E-06	0.00E+00	3.60E+03	5.22E-05	1.49E-03	1.67E-02	3.19E-03	3.36E+00	1.11E-07	8.93E-08	7.88E+00	1.38E-01	4.64E-03	1.43E-02	1.98E-02	4.79E-01	2.84E+01	7.13E+00	1.52E-07	9.28E-08	5.37E-03	2.23E-04	1.70E+00	2.59E+00	3.77E+01	6.44E-05	3.78E+01	4.12E+01	3.69E+00	0.00E+00	0.00E+00	3.90E-10	8.20E-01
WH11596200C	1.22E-02	1.61E+00	-4.16E-02	1.75E+00	6.39E-06	0.00E+00	6.67E+02	5.09E-05	1.49E-03	1.68E-02	3.19E-03	3.36E+00	1.11E-07	8.88E-08	7.88E+00	1.39E-01	4.64E-03	1.44E-02	2.27E-02	4.74E-01	2.87E+01	7.17E+00	1.56E-07	9.30E-08	5.38E-03	2.24E-04	1.99E+00	1.81E+00	3.82E+01	6.45E-05	3.82E+01	4.16E+01	3.71E+00	0.00E+00	0.00E+00	3.90E-10	9.75E-01
WH11596205C	1.22E-02	1.61E+00	-4.16E-02	1.75E+00	6.39E-06	0.00E+00	6.67E+02	5.09E-05	1.49E-03	1.68E-02	3.19E-03	3.36E+00	1.11E-07	8.88E-08	7.88E+00	1.39E-01	4.64E-03	1.44E-02	2.27E-02	4.74E-01	2.87E+01	7.17E+00	1.56E-07	9.30E-08	5.38E-03	2.24E-04	1.99E+00	1.81E+00	3.82E+01	6.45E-05	3.82E+01	4.16E+01	3.71E+00	0.00E+00	0.00E+00	3.90E-10	9.75E-01
WH11596206A	9.18E-03	1.12E+00	-3.46E-02	1.11E+00	6.35E-06	0.00E+00	6.80E+02	3.95E-05	1.08E-03	1.19E-02	1.68E-03	2.98E+00	2.34E-08	7.17E-08	7.19E+00	1.58E-01	2.28E-03	1.04E-02	1.80E-02	4.68E-01	2.14E+01	4.32E+00	1.13E-07	7.27E-08	4.01E-03	1.98E-04	1.69E+00	1.50E+00	2.71E+01	6.21E-05	2.70E+01	2.83E+01	2.34E+00	0.00E+00	0.00E+00	3.90E-10	7.28E-01
WH11620300C	6.25E-03	6.65E-01	8.87E-03	6.86E-01	3.86E-06	0.00E+00	4.07E+02	2.57E-05	5.52E-04	6.05E-03	8.50E-04	2.40E+00	9.42E-09	4.29E-08	4.90E+00	7.18E-02	1.15E-03	6.80E-03	1.62E-02	2.89E-01	1.39E+01	2.01E+00	1.37E-07	5.35E-08	2.20E-03	1.33E-04	1.51E+00	2.57E-01	1.66E+01	2.99E-05	1.66E+01	1.84E+01	1.94E+00	0.00E+00	0.00E+00	3.90E-10	7.21E-01
WH11620305C	6.25E-03	6.65E-01	8.87E-03	6.86E-01	3.86E-06	0.00E+00	4.07E+02	2.57E-05	5.52E-04	6.05E-03	8.50E-04	2.40E+00	9.42E-09	4.29E-08	4.90E+00	7.18E-02	1.15E-03	6.80E-03	1.62E-02	2.89E-01	1.39E+01	2.01E+00	1.37E-07	5.35E-08	2.20E-03	1.33E-04	1.51E+00	2.57E-01	1.66E+01	2.99E-05	1.66E+01	1.84E+01	1.94E+00	0.00E+00	0.00E+00	3.90E-10	7.21E-01
WH11620700C	6.28E-03	6.66E-01	8.87E-03	6.86E-01	4.35E-06	0.00E+00	4.23E+02	2.73E-05	5.52E-04	6.06E-03	8.50E-04	2.47E+00	9.46E-09	4.49E-08	5.17E+00	7.90E-02	1.15E-03	6.99E-03	1.63E-02	2.90E-01	1.39E+01	2.01E+00	1.37E-07	5.45E-08	2.20E-03	1.33E-04	1.51E+00	2.57E-01	1.66E+01	3.17E-05	1.66E+01	1.85E+01	1.94E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH11622300A	6.12E-03	6.65E-01	8.78E-03	6.90E-01	3.92E-06	0.00E+00	4.04E+02	2.59E-05	5.55E-04	6.12E-03	8.51E-04	2.17E+00	9.49E-09	4.27E-08	4.83E+00	7.42E-02	1.15E-03	6.06E-03	1.41E-02	2.68E-01	1.37E+01	2.01E+00	7.96E-08	4.11E-08	2.13E-03	1.15E-04	1.03E+00	1.96E-01	1.64E+01	2.53E-05	1.64E+01	1.81E+01	1.34E+00	0.00E+00	0.00E+00	3.90E-10	6.53E-01
WH11622300B	2.77E-03	1.88E-01	3.26E-03	1.85E-01	5.65E-06	0.00E+00	4.06E+02	1.74E-05	1.18E-04	1.35E-03	1.88E-04	2.19E+00	7.76E-09	3.70E-08	4.81E+00	4.89E-02	2.86E-04	4.44E-03	9.35E-03	9.04E-02	4.24E+00	6.32E-01	1.05E-07	4.23E-08	4.31E-04	5.74E-05	7.25E-01	7.55E-02	4.28E+00	2.68E-05	4.28E+00	4.45E+00	5.74E-01	0.00E+00	0.00E+00	3.90E-10	3.49E-01
WH11622300C	6.25E-03	6.66E-01	8.89E-03	6.86E-01	3.86E-06	0.00E+00	4.07E+02	2.57E-05	5.53E-04	6.05E-03	8.50E-04	2.40E+00	9.42E-09	4.29E-08	4.90E+00	7.18E-02	1.15E-03	6.80E-03	1.61E-02	2.89E-01	1.39E+01	2.01E+00	1.37E-07	5.35E-08	2.20E-03	1.33E-04	1.67E+00	2.47E-01	1.66E+01	2.99E-05	1.66E+01	1.85E+01	1.96E+00	0.00E+00	0.00E+00	3.90E-10	7.23E-01
WH11622305A	6.12E-03	6.65E-01	8.78E-03	6.90E-01	3.92E-06	0.00E+00	4.04E+02	2.59E-05	5.55E-04	6.12E-03	8.51E-04	2.17E+00	9.49E-09	4.27E-08	4.83E+00	7.42E-02	1.15E-03	6.06E-03	1.41E-02	2.68E-01	1.37E+01	2.01E+00	7.96E-08	4.11E-08	2.13E-03	1.15E-04	1.03E+00	1.96E-01	1.64E+01	2.53E-05	1.64E+01	1.81E+01	1.34E+00	0.00E+00	0.00E+00	3.90E-10	6.53E-01
WH11622305B	2.77E-03	1.88E-01	3.26E-03	1.85E-01	5.65E-06	0.00E+00	4.06E+02	1.74E-05	1.18E-04	1.35E-03	1.88E-04	2.19E+00	7.76E-09	3.70E-08	4.81E+00	4.89E-02	2.86E-04	4.44E-03	9.35E-03	9.04E-02	4.24E+00	6.32E-01	1.05E-07	4.23E-08	4.31E-04	5.74E-05	7.25E-01	7.55E-02	4.28E+00	2.68E-05	4.28E+00	4.45E+00	5.74E-01	0.00E+00	0.00E+00	3.90E-10	3.49E-01
WH11622305C	6.25E-03	6.66E-01	8.89E-03	6.86E-01	3.86E-06	0.00E+00	4.07E+02	2.57E-05	5.53E-04	6.05E-03	8.50E-04	2.40E+00	9.42E-09	4.29E-08	4.90E+00	7.18E-02	1.15E-03	6.80E-03	1.61E-02	2.89E-01	1.39E+01	2.01E+00	1.37E-07	5.35E-08	2.20E-03	1.33E-04	1.67E+00	2.47E-01	1.66E+01	2.99E-05	1.66E+01	1.85E+01	1.96E+00	0.00E+00	0.00E+00	3.90E-10	7.23E-01
WH11622700A	6.15E-03	6.65E-01	8.78E-03	6.90E-01	4.40E-06	0.00E+00	4.20E+02	2.75E-05	5.55E-04	6.13E-03	8.51E-04	2.22E+00	9.52E-09	4.47E-08	5.16E+00	8.32E-02	1.15E-03	6.17E-03	1.43E-02	2.68E-01	1.37E+01	2.01E+00	7.98E-08	4.08E-08	2.13E-03	1.15E-04	1.04E+00	1.96E-01	1.64E+01	2.72E-05	1.64E+01	1.82E+01	1.40E+00	0.00E+00	0.00E+00	3.90E-10	6.56E-01
WH11622700B	2.78E-03	1.88E-01	3.26E-03	1.85E-01	5.80E-06	0.00E+00	4.21E+02	1.83E-05	1.18E-04	1.35E-03	1.88E-04	2.23E+00	7.78E-09	3.81E-08	4.99E+00	5.52E-02	2.86E-04	4.49E-03	9.46E-03	9.04E-02	4.24E+00	6.32E-01	1.05E-07	4.24E-08	4.31E-04	5.74E-05	7.41E-01	7.55E-02	4.28E+00	2.81E-05	4.28E+00	4.44E+00	5.69E-01	0.00E+00	0.00E+00	3.90E-10	3.49E-01
WH11622700C	6.28E-03	6.67E-01	8.89E-03	6.86E-01	4.35E-06	0.00E+00	4.23E+02	2.73E-05	5.53E-04	6.06E-03	8.50E-04	2.47E+00	9.46E-09	4.49E-08	5.17E+00	7.90E-02	1.15E-03	6.99E-03	1.63E-02	2.90E-01	1.39E+01	2.01E+00	1.37E-07	5.45E-08	2.20E-03	1.33E-04	1.68E+00	2.47E-01	1.66E+01	3.17E-05	1.66E+01	1.85E+01	1.96E+00	0.00E+00	0.00E+00	3.90E-10	7.25E-01
WH11622705A	6.15E-03	6.65E-01	8.78E-03	6.90E-01	4.40E-06	0.00E+00	4.20E+02	2.75E-05	5.55E-04	6.13E-03	8.51E-04	2.22E+00	9.52E-09	4.47E-08	5.16E+00	8.32E-02	1.15E-03	6.17E-03	1.43E-02	2.68E-01	1.37E+01	2.01E+00	7.98E-08	4.08E-08	2.13E-03	1.15E-04	1.04E+00	1.96E-01	1.64E+01	2.72E-05	1.64E+01	1.82E+01	1.40E+00	0.00E+00	0.00E+00	3.90E-10	6.56E-01

WH11622705C	6.28E-03	6.67E-01	8.89E-03	6.86E-01	4.35E-06	0.00E+00	4.23E+02	2.73E-05	5.53E-04	6.06E-03	8.50E-04	2.47E+00	9.46E-09	4.49E-08	5.17E+00	7.90E-02	1.15E-03	6.99E-03	1.63E-02	2.90E-01	1.39E+01	2.01E+00	1.37E-07	5.45E-08	2.20E-03	1.33E-04	1.68E+00	2.47E-01	1.66E+01	3.17E-05	1.66E+01	1.85E+01	1.96E+00	0.00E+00	0.00E+00	3.90E-10	7.25E-01
WH11623306A	8.97E-03	1.09E+00	-1.84E-01	1.09E+00	5.62E-06	0.00E+00	3.57E+03	3.21E-05	9.60E-04	1.03E-02	1.68E-03	2.86E+00	2.88E-08	5.70E-08	5.29E+00	7.78E-02	2.28E-03	6.34E-03	1.75E-02	4.31E-01	2.02E+01	4.36E+00	1.23E-07	6.49E-08	3.81E-03	1.60E-04	1.30E+00	2.41E+00	2.52E+01	5.26E-05	2.53E+01	2.71E+01	2.18E+00	0.00E+00	0.00E+00	3.90E-10	7.18E-01
WH11625300A	6.15E-03	6.79E-01	8.84E-03	6.91E-01	3.95E-06	0.00E+00	4.34E+02	2.71E-05	5.54E-04	6.08E-03	8.51E-04	2.19E+00	1.00E-08	4.28E-08	4.90E+00	8.09E-02	1.15E-03	6.10E-03	1.42E-02	2.65E-01	1.37E+01	2.02E+00	7.92E-08	4.11E-08	2.13E-03	1.13E-04	1.04E+00	1.95E-01	1.64E+01	2.63E-05	1.64E+01	1.81E+01	1.35E+00	0.00E+00	0.00E+00	3.90E-10	6.57E-01
WH11625300B	2.72E-03	1.90E-01	3.30E-03	1.89E-01	5.64E-06	0.00E+00	4.34E+02	2.07E-05	1.20E-04	1.44E-03	1.88E-04	2.19E+00	7.84E-09	3.70E-08	4.86E+00	6.16E-02	2.86E-04	4.46E-03	9.30E-03	9.07E-02	4.25E+00	6.31E-01	1.06E-07	4.23E-08	4.31E-04	5.62E-05	7.56E-01	7.78E-02	4.27E+00	2.69E-05	4.27E+00	4.48E+00	6.97E-01	0.00E+00	0.00E+00	3.90E-10	3.49E-01
WH11625300C	5.72E-03	5.75E-01	5.72E-03	5.69E-01	3.61E-06	0.00E+00	4.16E+02	2.51E-05	4.66E-04	5.18E-03	6.91E-04	2.55E+00	9.04E-09	4.27E-08	4.98E+00	6.98E-02	9.35E-04	6.60E-03	1.50E-02	2.56E-01	1.35E+01	1.61E+00	1.37E-07	5.10E-08	1.92E-03	1.21E-04	2.07E+00	2.21E-01	1.52E+01	3.04E-05	1.52E+01	1.74E+01	2.29E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-01
WH11625305A	2.71E-03	1.90E-01	3.32E-03	1.89E-01	5.65E-06	0.00E+00	4.33E+02	2.07E-05	1.20E-04	1.44E-03	1.88E-04	2.01E+00	7.76E-09	3.69E-08	4.78E+00	5.99E-02	2.86E-04	2.53E-03	9.17E-03	8.01E-02	4.13E+00	6.32E-01	1.17E-07	1.92E-08	4.35E-04	4.60E-05	5.29E-01	7.46E-02	4.26E+00	2.44E-05	4.26E+00	4.45E+00	3.81E-01	0.00E+00	0.00E+00	3.90E-10	3.48E-01
WH11625305C	2.72E-03	1.90E-01	3.24E-03	1.89E-01	5.45E-06	0.00E+00	4.34E+02	1.96E-05	1.20E-04	1.44E-03	1.95E-04	2.22E+00	7.77E-09	3.70E-08	4.85E+00	4.59E-02	2.89E-04	4.50E-03	1.18E-02	9.80E-02	4.31E+00	6.31E-01	1.18E-07	4.35E-08	4.37E-04	7.64E-05	1.01E+00	1.22E-01	4.27E+00	2.80E-05	4.27E+00	4.51E+00	7.98E-01	0.00E+00	0.00E+00	3.90E-10	4.43E-01
WH11625306B	2.72E-03	1.90E-01	3.30E-03	1.89E-01	5.64E-06	0.00E+00	4.34E+02	2.07E-05	1.20E-04	1.44E-03	1.88E-04	2.19E+00	7.84E-09	3.70E-08	4.86E+00	6.16E-02	2.86E-04	4.46E-03	9.30E-03	9.07E-02	4.25E+00	6.31E-01	1.06E-07	4.23E-08	4.31E-04	5.62E-05	7.56E-01	7.78E-02	4.27E+00	2.69E-05	4.27E+00	4.48E+00	6.97E-01	0.00E+00	0.00E+00	3.90E-10	3.49E-01
WH11625700A	4.85E-03	3.97E-01	4.51E-03	4.02E-01	1.34E-05	0.00E+00	4.39E+02	2.17E-05	2.97E-04	3.09E-03	4.66E-04	2.11E+00	9.49E-09	4.38E-08	5.04E+00	6.59E-02	6.31E-04	2.90E-03	1.04E-02	1.65E-01	7.98E+00	1.12E+00	7.13E-08	3.09E-08	1.20E-03	6.68E-05	7.04E-01	1.30E-01	9.15E+00	2.55E-05	9.15E+00	9.96E+00	8.45E-01	0.00E+00	0.00E+00	3.90E-10	4.18E-01
WH11625700B	5.00E-03	4.43E-01	5.76E-03	4.58E-01	5.30E-06	0.00E+00	4.39E+02	2.08E-05	3.55E-04	3.63E-03	5.40E-04	2.28E+00	9.65E-09	4.35E-08	5.06E+00	6.74E-02	7.29E-04	5.39E-03	1.07E-02	1.85E-01	8.98E+00	1.27E+00	9.62E-08	4.60E-08	1.42E-03	8.81E-05	8.43E-01	1.50E-01	1.02E+01	2.72E-05	1.02E+01	1.16E+01	1.32E+00	0.00E+00	0.00E+00	3.90E-10	4.33E-01
WH11625700C	5.55E-03	5.17E-01	6.07E-03	5.20E-01	4.10E-06	0.00E+00	4.41E+02	2.65E-05	4.34E-04	4.69E-03	6.78E-04	2.44E+00	9.40E-09	4.38E-08	5.19E+00	7.52E-02	9.17E-04	6.41E-03	1.43E-02	2.31E-01	1.07E+01	1.58E+00	1.31E-07	5.01E-08	1.86E-03	1.15E-04	1.36E+00	2.43E-01	1.13E+01	3.14E-05	1.13E+01	1.32E+01	1.78E+00	0.00E+00	0.00E+00	3.90E-10	5.96E-01
WH11625705A	4.85E-03	3.97E-01	4.51E-03	4.02E-01	1.34E-05	0.00E+00	4.39E+02	2.17E-05	2.97E-04	3.09E-03	4.66E-04	2.11E+00	9.49E-09	4.38E-08	5.04E+00	6.59E-02	6.31E-04	2.90E-03	1.04E-02	1.65E-01	7.98E+00	1.12E+00	7.13E-08	3.09E-08	1.20E-03	6.68E-05	7.04E-01	1.30E-01	9.15E+00	2.55E-05	9.15E+00	9.96E+00	8.45E-01	0.00E+00	0.00E+00	3.90E-10	4.18E-01
WH11640300C	7.28E-03	6.95E-01	9.03E-03	6.98E-01	3.63E-06	0.00E+00	6.26E+02	3.12E-05	5.76E-04	6.30E-03	8.70E-04	3.33E+00	1.03E-08	5.84E-08	6.41E+00	8.45E-02	1.18E-03	7.95E-03	1.74E-02	2.93E-01	1.39E+01	2.09E+00	1.45E-07	6.07E-08	2.35E-03	1.42E-04	1.44E+00	2.81E-01	1.65E+01	3.88E-05	1.65E+01	1.83E+01	1.81E+00	0.00E+00	0.00E+00	3.90E-10	7.63E-01
WH11640305C	7.19E-03	6.93E-01	8.30E-03	6.94E-01	3.62E-06	0.00E+00	6.32E+02	3.13E-05	5.62E-04	6.22E-03	8.50E-04	3.33E+00	1.02E-08	5.83E-08	6.40E+00	8.48E-02	1.15E-03	7.89E-03	1.73E-02	2.89E-01	1.39E+01	2.07E+00	1.43E-07	6.07E-08	2.27E-03	1.39E-04	1.41E+00	2.56E-01	1.64E+01	3.87E-05	1.64E+01	1.83E+01	1.80E+00	0.00E+00	0.00E+00	3.90E-10	7.57E-01
WH11640700C	7.22E-03	6.73E-01	9.14E-03	6.87E-01	4.70E-06	0.00E+00	4.31E+02	3.13E-05	5.56E-04	6.05E-03	8.50E-04	3.51E+00	9.92E-09	6.07E-08	6.63E+00	9.28E-02	1.15E-03	8.30E-03	1.74E-02	2.89E-01	1.39E+01	2.03E+00	1.43E-07	6.08E-08	2.26E-03	1.39E-04	1.42E+00	2.58E-01	1.64E+01	4.09E-05	1.64E+01	1.82E+01	1.82E+00	0.00E+00	0.00E+00	3.90E-10	7.77E-01
WH11640705C	7.22E-03	6.73E-01	9.14E-03	6.87E-01	4.70E-06	0.00E+00	4.31E+02	3.13E-05	5.56E-04	6.05E-03	8.50E-04	3.51E+00	9.92E-09	6.07E-08	6.63E+00	9.28E-02	1.15E-03	8.30E-03	1.74E-02	2.89E-01	1.39E+01	2.03E+00	1.43E-07	6.08E-08	2.26E-03	1.39E-04	1.42E+00	2.58E-01	1.64E+01	4.09E-05	1.64E+01	1.82E+01	1.82E+00	0.00E+00	0.00E+00	3.90E-10	7.77E-01
WH11642105A	6.67E-03	7.06E-01	8.03E-03	7.09E-01	3.88E-06	0.00E+00	6.34E+02	3.02E-05	5.64E-04	6.34E-03	8.51E-04	2.70E+00	1.03E-08	5.78E-08	6.31E+00	8.79E-02	1.15E-03	5.88E-03	1.46E-02	2.79E-01	1.38E+01	2.10E+00	8.51E-08	4.28E-08	2.14E-03	1.15E-04	9.84E-01	1.75E-01	1.65E+01	3.04E-05	1.65E+01	1.83E+01	1.23E+00	0.00E+00	0.00E+00	3.90E-10	6.70E-01
WH11642300A	5.44E-03	4.46E-01	-4.23E-03	4.60E-01	4.48E-06	0.00E+00	6.36E+02	2.36E-05	3.54E-04	3.58E-03	5.40E-04	2.62E+00	1.09E-08	5.60E-08	6.14E+00	7.46E-02	7.32E-04	3.77E-03	1.10E-02	1.82E-01	8.45E+00	1.26E+00	7.64E-08	3.39E-08	1.42E-03	8.29E-05	5.90E-01	2.38E-01	9.90E+00	2.89E-05	9.90E+00	1.09E+01	9.08E-01	0.00E+00	0.00E+00	3.90E-10	4.49E-01
WH11642300B	2.90E-03	1.88E-01	3.55E-03	1.85E-01	5.56E-06	0.00E+00	6.30E+02	2.62E-05	1.18E-04	1.35E-03	1.88E-04	3.23E+00	8.02E-09	5.66E-08	6.03E+00	7.64E-02	2.86E-04	6.51E-03	1.01E-02	9.04E-02	4.26E+00	6.32E-01	1.05E-07	4.90E-08	4.31E-04	5.82E-05	7.57E-01	7.23E-02	4.28E+00	3.50E-05	4.28E+00	4.51E+00	5.38E-01	0.00E+00	0.00E+00	3.90E-10	3.68E-01
WH11642300C	7.17E-03	6.86E-01	-9.93E-03	6.96E-01	3.61E-06	0.00E+00	6.39E+02	3.37E-05	5.71E-04	6.25E-03	8.74E-04	3.35E+00	1.29E-08	5.84E-08	6.70E+00	8.79E-02	1.18E-03	7.97E-03	1.73E-02	2.94E-01	1.50E+01	1.89E+00	1.45E-07	6.07E-08	2.28E-03	1.36E-04	2.04E+00	4.46E-01	1.69E+01	3.93E-05	1.69E+01	1.94E+01	2.48E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-01
WH11642305A	5.41E-03	4.47E-01	-4.26E-03	4.62E-01	4.38E-06	0.00E+00	6.25E+02	2.19E-05	3.57E-04	3.61E-03	5.39E-04	2.62E+00	1.07E-08	5.61E-08	6.12E+00	7.12E-02	7.32E-04	3.72E-03	1.09E-02	1.80E-01	8.48E+00	1.27E+00	7.62E-08	3.38E-08	1.43E-03	8.44E-05	6.28E-01	2.25E-01	9.94E+00	2.94E-05	9.94E+00	1.09E+01	9.96E-01	0.00E+00	0.00E+00	3.90E-10	4.42E-01
WH11642305B	2.90E-03	1.88E-01	3.55E-03	1.85E-01	5.56E-06	0.00E+00	6.30E+02	2.62E-05	1.18E-04	1.35E-03	1.88E-04	3.23E+00	8.02E-09	5.66E-08	6.03E+00	7.64E-02	2.86E-04	6.51E-03	1.01E-02	9.04E-02	4.26E+00	6.32E-01	1.05E-07	4.90E-08	4.31E-04	5.82E-05	7.57E-01	7.23E-02	4.28E+00	3.50E-05	4.28E+00	4.51E+00	5.38E-01	0.00E+00	0.00E+00	3.90E-10	3.68E-01
WH11642305C	7.06E-03	6.83E-01	6.96E-03	6.76E-01	3.61E-06	0.00E+00	6.39E+02	3.35E-05	5.45E-04	6.03E-03	7.77E-04	3.35E+00	1.08E-08	5.84E-08	6.57E+00	8.79E-02	1.05E-03	7.85E-03	1.70E-02	2.84E-01	1.48E+01	1.93E+00	1.44E-07	6.01E-08	2.21E-03	1.32E-04	2.08E+00	2.28E-01	1.67E+01	3.93E-05	1.67E+01	1.90E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-01
WH11642306A	5.41E-03	4.47E-01	-4.26E-03	4.62E-01	4.38E-06	0.00E+00	6.25E+02	2.19E-05	3.57E-04	3.61E-03	5.39E-04	2.62E+00	1.07E-08	5.61E-08	6.12E+00	7.12E-02	7.32E-04	3.72E-03	1.09E-02	1.80E-01	8.48E+00	1.27E+00	7.62E-08	3.38E-08	1.43E-03	8.44E-05	6.28E-01	2.25E-01	9.94E+00	2.94E-05	9.94E+00	1.09E+01	9.96E-01	0.00E+00	0.00E+00	3.90E-10	4.42E-01
WH11642306C	7.13E-03	6.87E-01	8.10E-03	6.94E-01	3.62E-06	0.00E+00	6.32E+02	3.13E-05	5.62E-04	6.20E-03	8.50E-04	3.33E+00	1.02E-08	5.83E-08	6.42E+00	8.49E-02	1.15E-03	7.88E-03	1.70E-02	2.90E-01	1.39E+01	2.05E+00	1.41E-07	6.08E-08	2.26E-03	1.33E-04	1.65E+00	2.36E-01	1.65E+01	3.88E-05	1.65E+01	1.84E+01	1.99E+00	0.00E+00	0.00E+00	3.90E-10	7.48E-01
WH11642700A	6.15E-03	4.54E-01	-3.31E-03	4.58E-01	4.77E-06	0.00E+00	4.60E+02	3.31E-05	3.89E-04	4.29E-03	6.00E-04	2.88E+00	1.09E-08	5.88E-08	6.87E+00	9.71E-02	8.12E-04	5.17E-03	1.27E-02	1.88E-01	9.49E+00	1.18E+00	7.38E-08	3.96E-08	1.59E-03	7.99E-05	1.22E+00	2.51E-01	1.07E+01	3.29E-05	1.07E+01	1.21E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-01
WH11642700B	2.91E-03	1.88E-01	3.57E-03	1.85E-01	5.86E-06	0.00E+00	4.30E+02	2.68E-05	1.18E-04	1.35E-03	1.88E-04	3.36E+00	8.02E-09	5.85E-08	6.61E+00	7.94E-02	2.86E-04	6.73E-03	1.01E-02	9.04E-02	4.26E+00	6.31E-01	1.05E-07	4.90E-08	4.31E-04	5.82E-05	7.72E-01	7.26E-02	4.28E+00	3.68E-05	4.28E+00	4.51E+00	5.19E-01	0.00E+00	0.00E+00	3.90E-10	3.69E-01
WH11642700C	7.62E-03	6.87E-01	-4.91E-03	6.92E-01	4.77E-06	0.00E+00	4.64E+02	3.39E-05	5.80E-04	6.36E-03	8.87E-04	3.53E+00	1.21E-08	6.08E-08	7.15E+00	9.83E-02	1.20E-03	8.43E-03	1.89E-02	3.21E-01	1.56E+01	1.88E+00	1.64E-07	6.35E-08	2.40E-03	1.53E-04	2.10E+00	4.76E-01	1.75E+01	4.16E-05	1.75E+01	2.00E+01	2.57E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-01
WH11642705A	5.47E-03	4.32E-01	-4.20E-03	4.57E-01	5.09E-06	0.00E+00	4.28E+02	2.38E-05	3.53E-04	3.60E-03	5.39E-04	2.76E+00	1.07E-08	5.84E-08	6.63E+00	7.76E-02	7.32E-04	4.05E-03	1.09E-02	1.80E-01	8.51E+00	1.24E+00	7.43E-08	3.39E-08	1.42E-03	8.43E-05	6.67E-01	2.25E-01	9.96E+00	3.07E-05	9.96E+00	1.11E+01	9.93E-01	0.00E+00	0.00E+00	3.90E-10	4.42E-01
WH11642705C	6.93E-03	6.43E-01	-8.11E-03	6.51E-01	4.77E-06	0.00E+00	4.30E+02	3.14E-05	5.29E-04	6.02E-03	8.00E-04	3.51E+00	1.13E-08	6.07E-08	6.69E+00	9.07E-02	1.08E-03	8.25E-03	1.68E-02	2.84E-01	1.34E+01	1.99E+00	1.39E-07	6.04E-08	2.12E-03	1.24E-04	1.69E+00	4.39E-01	1.56E+01	4.08E-05	1.56E+01	1.78E+01	2.06E+00	0.00E+00	0.00E+00	3.90E-10	7.63E-01
WH11643300A	5.61E-03	4.77E-01	5.99E-03	4.78E-01	3.96E-06	0.00E+00	6.23E+02	2.98E-05	4.04E-04	4.26E-03	5.50E-04	2.67E+00	1.02E-08	5.63E-08	6.11E+00	8.31E-02	7.43E-04	4.44E-03	1.21E-02	1.85E-01	8.68E+00	1.36E+00	7.73E-08	3.68E-08	1.60E-03	8.69E-05	8.21E-01	1.37E-01	1.03E+01	2.96E-05	1.03E+01	1.12E+01	1.13E+00	0.00E+00	0.00E+00	3.90E-10	5.06E-01
WH11643300C	6.84E-03	6.40E-01	7.88E-03	6.32E-01	3.98E-06	0.00E+00	6.22E+02	3.12E-05	5.42E-04	6.05E-03	7.77E-04	3.33E+00	1.03E-08	5.83E-08	6.50E+00	9.15E-02	1.05E-03	7.84E-03	1.67E-02	2.66E-01	1.28E+01	2.05E+00	1.39E-07	5.91E-08	2.14E-03	1.20E-04	1.36E+00	2.34E-01	1.51E+01	3.93E-05	1.51E+01	1.71E+01	2.06E+00	0.00E+00	0.00E+00	3.90E-10	7.31E-01
WH11643305A	5.61E-03	4.77E-01	5.99E-03	4.78E-01	3.96E-06	0.00E+00	6.23E+02	2.98E-05	4.04E-04	4.26E-03	5.50E-04	2.67E+00	1.02E-08	5.63E-08	6.11E+00	8.31E-02	7.43E-04	4.44E-03	1.21E-02	1.85E-01	8.68E+00	1.36E+00	7.73E-08	3.68E-08	1.60E-03	8.69E-05	8.21E-01	1.37E-01	1.03E+01	2.96E-05	1.03E+01	1.12E+01	1.13E+00	0.00E+00	0.00E+00	3.90E-10	5.06E-01
WH11643305C	6.63E-03	5.87E-01	7.73E-03	5.91E-01	3.98E-06	0.00E+00	6.22E+02	3.11E-05	4.89E-04	5.47E-03	7.52E-04	3.33E+00	1.03E-08	5.83E-08	6.26E+00	9.12E-02	1.01E-03	7.82E-03	1.59E-02	2.29E-01	1.11E+01	1.64E+00	1.31E-07	5.68E-08	2.02E-03	1.17E-04	1.18E+00	2.37E-01	1.28E+01	3.93E-05	1.28E+01	1.39E+01	1.41E+00	0.00E+00	0.00E+00	3.90E-10	6.44E-01
WH11643306A	9.34E-03	1.12E+00	-1.86E-01	1.12E+00	3.94E-06	0.00E+00	3.58E+03	3.42E-05	9.63E-04	1.04E-02	1.68E-03	2.98E+00	2.86E-08	6.46E-08	6.31E+00	8.96E-02	2.28E-03	6.27E-03	1.83E-02	4.30E-01	2.01E+01	4.40E+00	1.23E-07	6.62E-08	3.82E-03	1.60E-04	1.25E+00	2.41E+00	2.53E+01	5.35E-05	2.54E+01	2.71E+01	2.21E+00	0.00E+00	0.00E+00	3.90E-10	7.61E-01
WH11645300A	5.41E-03	4.53E-01	5.14E-03	4.62E-01	7.08E-06	0.00E+00	6.37E+02	2.88E-05	3.69E-04	3.65E-03	5.36E-04	2.66E+00	1.06E-08	5.62E-08	6.14E+00	8.45E-02	7.21E-04	4.00E-03	1.12E-02	1.83E-01	8.57E+00	1.28E+00	6.00E-08	3.39E-08	1.46E-03	8.35E-05	7.26E-01	1.41E-01	1.01E+01	2.98E-05	1.01E+01	1.11E+01	9.74E-01	0.00E+00	0.00E+00	3.90E-10	4.85E-01
WH11645300B	6.30E-03	5.05E-01	6.38E-03	4.96E-01	3.64E-06	0.00E+00	6.36E+02	2.85E-05	4.18E-04	4.48E-03	6.02E-04	3.23E+00	1.05E-08	5.66E-08	6.15E+00	8.74E-02	8.14E-04	7.34E-03	1.25E-02	1.98E-01	8.67E+00	1.48E+00	9.85E-08	5.16E-08	1.71E-03	9.36E-05	8.62E-01	1.55E-01	1.01E+01	3.47E-05	1.01E+01	1.12E+01	1.20E+00	0.00E+00	0.00E+00	3.90E-10	5.50E-01
WH11645300C	6.65E-03	5.90E-01	7.71E-03	5.92E-01	3.61E-06	0.00E+00	6.37E+02	3.16E-05	4.89E-04	5.42E-03	7.52E-04	3.34E+00	1.10E-08	5.83E-08	6.29E+00	8.72E-02	1.01E-03	7.69E-03	1.53E-02	2.25E-01	1.10E+01	1.60E+00	1.19E-07	5.65E-08	1.94E-03	1.06E-04	1.03E+00	2.32E-01	1.26E+01	3.93E-05	1.26E+01	1.36E+01	1.49E+00	0.00E+00	0.00E+00	3.90E-10	6.34E-01
WH11645305A	5.41E-03	4.53E-01	5.14E-03	4.62E-01	7.08E-06	0.00E+00	6.37E+02	2.88E-05	3.69E-04	3.65E-03	5.36E-04	2.66E+00	1.06E-08	5.62E-08	6.14E+00	8.45E-02	7.21E-04	4.00E-03	1.12E-02	1.83E-01	8.57E+00	1.28E+00	6.00E-08	3.39E-08	1.46E-03	8.35E-05	7.26E-01	1.41E-01	1.01E+01	2.98E-05	1.01E+01	1.11E+01	9.74E-01	0.00E+00	0.00E+00	3.90E-10	4.85E-01
WH11645305B	6.30E-03	5.05E-01	6.38E-03	4.96E-01	3.64E-06	0.00E+00	6.36E+02	2.85E-05	4.18E-04	4.48E-03	6.02E-04	3.23E+00	1.05E-08	5.66E-08	6.15E+00	8.74E-02	8.14E-04	7.34E-03	1.25E-02	1.98E-01	8.67E+00	1.48E+00	9.85E-08	5.16E-08	1.71E-03	9.36E-05	8.62E-01	1.55E-01	1.01E+01	3.47E-05	1.01E+01	1.12E+01	1.20E+00	0.00E+00	0.00E+00	3.90E-10	5.50E-01
WH11645305C	6.65E-03	5.90E-01	7.71E-03	5.92E-01	3.61E-06	0.00E+00	6.37E+02	3.16E-05	4.89E-04	5.42E-03	7.52E-04	3.34E+00	1.10E-08	5.83E-08	6.29E+00	8.72E-02	1.01E-03	7.69E-03	1.53E-02	2.25E-01	1.10E+01	1.60E+00	1.19E-07	5.65E-08	1.94E-03	1.06E-04	1.03E+00	2.32E-01	1.26E+01	3.93E-05	1.26E+01	1.36E+01	1.49E+00	0.00E+00	0.00E+00	3.90E-10	6.34E-01
WH11645306A	6.55E-03	6.74E-01	-3.90E-02	7.08E-01	3.58E-06	0.00E+00	6.27E+02	3.54E-05	5.41E-04	6.08E-03	7.82E-04	2.71E+00	1.34E-08	5.77E-08	6.38E+00	8.58E-02	1.14E-03	5.81E-03	1.48E-02	2.52E-01	1.36E+01	1.98E+00	6.24E-08	4.18E-08	2.08E-03	1.18E-04	8.13E-01	1.52E+00	1.61E+01	5.43E-05	1.62E+01	1.78E+01	1.35E+00	0.00E+00	0.00E+00	3.90E-10	6.83E-01
WH11645700B	6.37E-03	4.95E-01	6.57E-03	4.98E-01	4.49E-06	0.00E+00	4.69E+02	2.46E-05	4.16E-04	4.42E-03	6.22E-04	3.38E+00	9.48E-09	5.86E-08	6.61E+00	9.20E-02	8.39E-04	7.54E-03	1.25E-02	1.99E-01	8.70E+00	1.40E+00	9.99E-08	5.16E-08	1.73E-03	9.52E-05	9.21E-01	1.63E-01	1.02E+01	3.66E-05	1.02E+01	1.13E+01	1.18E+00	0.00E+00	0.00E+00	3.90E-10	5.49E-01
WH11645700C	6.86E-03	6.27E-01	8.38E-03	6.20E-01	4.59E-06	0.00E+00	4.73E+02	3.17E-05	5.36E-04	5.88E-03	7.58E-04	3.52E+00	1.04E-08	6.06E-08	6.69E+00	9.66E-02	1.03E-03	8.07E-03	1.59E-02	2.51E-01	1.25E+01	1.92E+00	1.28E-07	5.86E-08	2.03E-03	1.08E-04	1.17E+00	2.33E-01	1.44E+01	4.15E-05	1.44E+01	1.61E+01	1.87E+00	0.00E+00	0.00E+00	3.90E-10	7.05E-01
WH11645705A	5.48E-03	4.51E-01	6.05E-03	4.70E-01	4.79E-06	0.00E+00	4.65E+02	2.87E-05	3.86E-04	4.11E-03	5.41E-04	2.77E+00	1.06E-08	5.84E-08	6.65E+00	8.89E-02	7.36E-04	4.36E-03	1.12E-02	1.84E-01	8.68E+00	1.26E+00	5.92E-08	3.40E-08	1.53E-03	8.34E-05	7.97E-01	1.42E-01	1.02E+01	3.10E-05	1.02E+01	1.14E+01	9.68E-01	0.00E+00	0.00E+00	3.90E-10	4.90E-01
WH11645705C	6.86E-03	6.27E-01	8.38E-03	6.20E-01	4.59E-06	0.00E+00	4.73E+02	3.17E-05	5.36E-04	5.88E-03	7.58E-04	3.52E+00	1.04E-08	6.06E-08	6.69E+00	9.66E-02	1.03E-03	8.07E-03	1.59E-02	2.51E-01	1.25E+01	1.92E+00	1.28E-07	5.86E-08	2.03E-03	1.08E-04	1.17E+00	2.33E-01	1.44E+01	4.15E-05	1.44E+01	1.61E+01	1.87E+00	0.00E+00	0.00E+00	3.90E-10	7.05E-01
WH12580300P	3.70E-03	4.63E-01	5.12E-03	4.58E-01	3.60E-06	0.00E+00	2.27E+02	1.17E-05	3.86E-04	4.17E-03	5.81E-04	8.54E-01	1.33E-08	1.88E-08	2.29E+00	3.72E-02	7.86E-04	2.14E-03	1.22E-02	2.53E-01	9.95E+00	1.89E+00	1.27E-07	2.51E-08	1.58E-03	1.35E-04	1.35E+00	2.38E-01	1.18E+01	1.00E-05	1.18E+01	1.34E+01	1.59E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-01
WH12580305P	3.04E-03	1.84E-01	2.01E-03	1.79E-01	7.90E-06	0.00E+00	2.17E+02	8.53E-05	1.17E-04	1.32E-03	1.95E-04	2.16E+00	4.08E-08	7.08E-08	8.88E+00	9.43E-02	2.91E-04	1.88E-03	1.52E-02	8.61E-02	4.13E+00	6.30E-01	1.20E-07	3.05E-08	4.87E-04	7.77E-05	8.58E-01	1.47E-01	4.24E+00	2.29E-05	4.24E+00	4.55E+00	4.06E-01	0.00E+00	0.00E+00	3.90E-10	5.82E-01
WH12580306P	3.04E-03	1.84E-01	2.01E-03	1.79E-01	7.90E-06	0.00E+00	2.17E+02	8.53E-05	1.17E-04	1.32E-03	1.95E-04	2.16E+00	4.08E-08	7.08E-08	8.88E+00	9.43E-02	2.91E-04	1.88E-03	1.52E-02	8.61E-02	4.13E+00	6.30E-01	1.20E-07	3.05E-08	4.87E-04	7.77E-05	8.58E-01	1.47E-01	4.24E+00	2.29E-05	4.24E+00	4.55E+00	4.06E-01	0.00E+00	0.00E+00	3.90E-10	5.82E-01
WH12585300P	6.90E-03	7.09E-01	1.00E-02	7.25E-01	6.41E-06	0.00E+00	2.20E+02	8.77E-05	5.93E-04	6.59E-03	8.50E-04	2.32E+00	4.31E-08	7.12E-08	9.50E+00	1.11E-01	1.15E-03	5.70E-03	1.77E-02	3.15E-01	1.40E+01	2.00E+00	1.21E-07	4.69E-08	2.28E-03	1.35E-04	1.25E+00	2.52E-01	1.73E+01	2.76E-05	1.73E+01	1.84E+01	1.47E+00	0.00E+00	0.00E+00	3.90E-10	8.11E-01
WH12585306P	1.06E-02	1.47E+00	-1.84E-01	1.63E+00	6.36E-06	0.00E+00	3.61E+03	1.05E-04	1.05E-03	1.16E-02	2.43E-03	3.76E+00	6.99E-08	6.20E-08	5.30E+00	1.18E-01	3.37E-03	1.04E-02	2.44E-02	4.48E-01	2.34E+01	6.26E+00	1.65E-07	8.15E-08	4.41E-03	1.77E-04	1.58E+00	2.33E+00	3.16E+01	6.34E-05	3.18E+01	3.45E+01	2.87E+00	0.00E+00	0.00E+00	3.90E-10	1.05E+00
WH12620300P	7.61E-03	8.64E-01	2.44E-02	8.80E-01	2.12E-05	0.00E+00	4.52E+02	8.40E-05	5.93E-04	6.57E-03	8.50E-04	2.70E+00	4.65E-08	7.69E-08	7.44E+00	1.44E-01	1.15E-03	6.16E-03	1.90E-02	1.01E+00	1.37E+01	2.05E+00	5.60E-07	4.78E-08	2.34E-03	8.16E-04	1.28E+00	2.60E-01	1.69E+01	3.93E-05	1.69E+01	1.79E+01	1.45E+00	0.00E+00	0.00E+00	3.90E-10	8.74E-01
WH12620305P	7.61E-03	8.64E-01	2.44E-02	8.80E-01	2.12E-05	0.00E+00	4.52E+02	8.40E-05	5.93E-04	6.57E-03	8.50E-04	2.70E+00	4.65E-08	7.69E-08	7.44E+00	1.44E-01	1.15E-03	6.16E-03	1.90E-02	1.01E+00	1.37E+01	2.05E+00	5.60E-07	4.78E-08	2.34E-03	8.16E-04	1.28E+00	2.60E-01	1.69E+01	3.93E-05	1.69E+01	1.79E+01	1.45E+00	0.00E+00	0.00E+00	3.90E-10	8.74E-01
WH12620306P	7.61E-03	8.64E-01	2.44E-02	8.80E-01	2.12E-05	0.00E+00	4.52E+02	8.40E-05	5.93E-04	6.57E-03	8.50E-04	2.70E+00	4.65E-08	7.69E-08	7.44E+00	1.44E-01	1.15E-03	6.16E-03	1.90E-02	1.01E+00	1.37E+01	2.05E+00	5.60E-07	4.78E-08	2.34E-03	8.16E-04	1.28E+00	2.60E-01	1.69E+01	3.93E-05	1.69E+01	1.79E+01	1.45E+00	0.00E+00	0.00E+00	3.90E-10	8.74E-01
WH12620700P	7.60E-03	8.71E-01	2.44E-02	8.81E-01	2.13E-05	0.00E+00	4.60E+02	8.43E-05	5.94E-04	6.60E-03	8.50E-04	2.74E+00	4.65E-08	7.75E-08	7.56E+00	1.46E-01	1.15E-03	6.21E-03	1.90E-02	1.01E+00	1.37E+01	2.09E+00	5.60E-07	4.78E-08	2.35E-03	8.16E-04	1.28E+00	2.60E-01	1.71E+01	3.96E-05	1.71E+01	1.80E+01	1.49E+00	0.00E+00	0.00E+00	3.90E-10	8.76E-01
WH12620705P	7.60E-03	8.71E-01	2.44E-02	8.81E-01	2.13E-05	0.00E+00	4.60E+02	8.43E-05	5.94E-04	6.60E-03	8.50E-04	2.74E+00	4.65E-08	7.75E-08	7.56E+00	1.46E-01	1.15E-03	6.21E-03	1.90E-02	1.01E+00	1.37E+01	2.09E+00	5.60E-07	4.78E-08	2.35E-03	8.16E-04	1.28E+00	2.60E-01	1.71E+01	3.96E-05	1.71E+01	1.80E+01	1.49E+00	0.00E+00	0.00E+00	3.90E-10	8.76E-01
WH12625300P	1.09E-02	2.45E+00	-1.61E-01	2.94E+00	2.13E-05	0.00E+00	3.36E+03	9.98E-05	1.07E-03	1.17E-02	2.44E-03	3.64E+00	7.00E-08	6.42E-08	5.38E+00	1.42E-01	3.37E-03	1.03E-02	2.50E-02	1.21E+00	3.70E+01	6.21E+00	5.76E-07	8.13E-08	4.49E-03	8.25E-04	1.95E+00	2.35E+00	4.73E+01	6.59E-05	4.90E+01	4.80E+01	3.05E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH12625306P	1.09E-02	2.45E+00	-1.61E-01	2.94E+00	2.13E-05	0.00E+00	3.36E+03	9.98E-05	1.07E-03	1.17E-02	2.44E-03	3.64E+00	7.00E-08	6.42E-08	5.38E+00	1.42E-01	3.37E-03	1.03E-02	2.50E-02	1.21E+00	3.70E+01	6.21E+00	5.76E-07	8.13E-08	4.49E-03	8.25E-04	1.95E+00	2.35E+00	4.73E+01	6.59E-05	4.90E+01	4.80E+01	3.05E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH12640300P	8.59E-03	9.16E-01	1.54E-02	9.00E-01	3.61E-06	0.00E+00	6.30E+02	3.32E-05	7.39E-04	7.75E-03	1.11E-03	2.75E+00	1.74E-08	5.85E-08	6.17E+00	9.09E-02	1.51E-03	5.43E-03	2.56E-02	4.44E-01	1.46E+01	3.64E+00	2.54E-07	5.18E-08	3.16E-03	2.53E-04	3.94E-01	4.56E-01	1.83E+01	3.10E-05	1.83E+01	1.91E+01	8.50E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
WH12640305P	7.75E-03	8.85E-01	2.45E-02	8.83E-01	2.10E-05	0.00E+00	6.45E+02	8.61E-05	5.90E-04	6.61E-03	8.51E-04	2.83E+00	4.75E-08	7.24E-08	7.62E+00	1.47E-01	1.15E-03	5.94E-03	2.02E-02	1.02E+00	1.37E+01	2.14E+00	6.02E-07	4.73E-08	2.34E-03	8.52E-04	1.01E+00	4.47E-01	1.67E+01	4.02E-05	1.67E+01	1.76E+01	1.28E+00	0.00E+00	0.00E+00	3.90E-10	9.90E-01
WH12640700P	7.75E-03	8.80E-01	2.45E-02	8.80E-01	2.15E-05	0.00E+00	5.00E+02	8.62E-05	5.89E-04	6.55E-03	8.51E-04	2.90E+00	4.74E-08	7.38E-08	7.82E+00	1.46E-01	1.15E-03	5.95E-03	2.02E-02	1.02E+00	1.37E+01	2.10E+00	6.02E-07	4.73E-08	2.34E-03	8.52E-04	1.09E+00	4.47E-01	1.68E+01	4.06E-05	1.68E+01	1.76E+01	1.34E+00	0.00E+00	0.00E+00	3.90E-10	9.91E-01
WH12640705P	7.75E-03	8.80E-01	2.45E-02	8.80E-01	2.15E-05	0.00E+00	5.00E+02	8.62E-05	5.89E-04	6.55E-03	8.51E-04	2.90E+00	4.74E-08	7.38E-08	7.82E+00	1.46E-01	1.15E-03	5.95E-03	2.02E-02	1.02E+00	1.37E+01	2.10E+00	6.02E-07	4.73E-08	2.34E-03	8.52E-04	1.09E+00	4.47E-01	1.68E+01	4.06E-05	1.68E+01	1.76E+01	1.34E+00	0.00E+00	0.00E+00	3.90E-10	9.91E-01
WH12645300P	1.09E-02	2.45E+00	-1.62E-01	2.94E+00	2.10E-05	0.00E+00	3.37E+03	1.00E-04	1.05E-03	1.17E-02	2.44E-03	3.67E+00	6.95E-08	6.75E-08	5.96E+00	1.41E-01	3.37E-03	1.03E-02	2.77E-02	1.23E+00	3.70E+01	6.21E+00	5.59E-07	8.23E-08	4.47E-03	8.55E-04	1.93E+00	2.40E+00	4.71E+01	6.59E-05	4.89E+01	4.80E+01	3.08E+00	0.00E+00	0.00E+00	3.90E-10	1.24E+00
WH12645305P	1.09E-02	2.45E+00	-1.62E-01	2.94E+00	2.10E-05	0.00E+00	3.37E+03	1.00E-04	1.05E-03	1.17E-02	2.44E-03	3.67E+00	6.95E-08	6.75E-08	5.96E+00	1.41E-01	3.37E-03	1.03E-02	2.77E-02	1.23E+00	3.70E+01	6.21E+00	5.59E-07	8.23E-08	4.47E-03	8.55E-04	1.93E+00	2.40E+00	4.71E+01	6.59E-05	4.89E+01	4.80E+01	3.08E+00	0.00E+00	0.00E+00	3.90E-10	1.24E+00
WH12645306P	1.09E-02	2.45E+00	-1.62E-01	2.94E+00	2.10E-05	0.00E+00	3.37E+03	1.00E-04	1.05E-03	1.17E-02	2.44E-03	3.67E+00	6.95E-08	6.75E-08	5.96E+00	1.41E-01	3.37E-03	1.03E-02	2.77E-02	1.23E+00	3.70E+01	6.21E+00	5.59E-07	8.23E-08	4.47E-03	8.55E-04	1.93E+00	2.40E+00	4.71E+01	6.59E-05	4.89E+01	4.80E+01	3.08E+00	0.00E+00	0.00E+00	3.90E-10	1.24E+00
WH12645700P	1.09E-02	2.45E+00	-1.62E-01	2.94E+00	2.15E-05	0.00E+00	3.36E+03	1.00E-04	1.05E-03	1.17E-02	2.44E-03	3.68E+00	6.95E-08	6.75E-08	5.96E+00	1.41E-01	3.37E-03	1.03E-02	2.77E-02	1.23E+00	3.70E+01	6.21E+00	5.59E-07	8.23E-08	4.47E-03	8.55E-04	1.93E+00	2.40E+00	4.71E+01	6.60E-05	4.89E+01	4.80E+01	3.08E+00	0.00E+00	0.00E+00	3.90E-10	1.24E+00
WH14583300Q	6.46E-03	9.32E-01	8.16E-03	9.58E-01	4.85E-06	0.00E+00	2.64E+02	2.10E-05	7.39E-04	7.88E-03	1.24E-03	1.88E+00	9.85E-09	3.69E-08	4.05E+00	6.98E-02	1.68E-03	5.92E-03	2.16E-02	4.05E-01	1.59E+01	3.66E+00	5.94E-07	5.89E-08	3.04E-03	2.54E-04	1.13E+00	4.71E-01	1.84E+01	2.28E-05	1.84E+01	2.07E+01	1.66E+00	0.00E+00	0.00E+00	3.90E-10	9.56E-01
WH14585400Q	9.07E-03	1.30E+00	1.83E-02	1.24E+00	1.95E-06	0.00E+00	3.85E+02	3.25E-05	9.31E-04	1.12E-02	1.79E-03	3.06E+00	1.32E-07	4.17E-08	3.71E+00	8.04E-02	2.41E-03	1.19E-02	3.83E-02	5.08E-01	2.22E+01	3.66E+00	7.47E-07	9.05E-08	4.30E-03	2.69E-04	1.88E+00	4.40E-01	2.75E+01	4.28E-05	2.78E+01	3.05E+01	2.55E+00	0.00E+00	0.00E+00	3.90E-10	1.63E+00
WH14588300Q	6.53E-03	9.37E-01	8.20E-03	9.59E-01	4.86E-06	0.00E+00	2.63E+02	2.35E-05	7.39E-04	7.86E-03	1.24E-03	1.90E+00	1.02E-08	3.69E-08	4.00E+00	6.95E-02	1.68E-03	5.95E-03	2.16E-02	4.06E-01	1.59E+01	3.67E+00	5.93E-07	5.90E-08	3.09E-03	2.53E-04	1.15E+00	4.71E-01	1.84E+01	2.34E-05	1.84E+01	2.08E+01	1.81E+00	0.00E+00	0.00E+00	3.90E-10	9.55E-01
WH14592200Q	8.95E-03	1.29E+00	1.86E-02	1.23E+00	1.61E-06	0.00E+00	3.76E+02	2.80E-05	9.28E-04	1.11E-02	1.79E-03	3.07E+00	1.51E-07	4.17E-08	3.69E+00	7.99E-02	2.42E-03	1.18E-02	3.97E-02	5.14E-01	2.22E+01	3.66E+00	7.63E-07	8.90E-08	4.29E-03	2.71E-04	1.93E+00	4.43E-01	2.75E+01	4.20E-05	2.78E+01	3.03E+01	2.53E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
WH14592205Q	8.95E-03	1.29E+00	1.86E-02	1.23E+00	1.61E-06	0.00E+00	3.76E+02	2.80E-05	9.28E-04	1.11E-02	1.79E-03	3.07E+00	1.51E-07	4.17E-08	3.69E+00	7.99E-02	2.42E-03	1.18E-02	3.97E-02	5.14E-01	2.22E+01	3.66E+00	7.63E-07	8.90E-08	4.29E-03	2.71E-04	1.93E+00	4.43E-01	2.75E+01	4.20E-05	2.78E+01	3.03E+01	2.53E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
WH14595200Q	8.95E-03	1.29E+00	1.87E-02	1.23E+00	1.55E-06	0.00E+00	3.80E+02	3.18E-05	9.26E-04	1.11E-02	1.79E-03	3.14E+00	1.51E-07	4.17E-08	3.65E+00	7.96E-02	2.42E-03	1.23E-02	3.99E-02	5.12E-01	2.23E+01	3.66E+00	7.63E-07	9.06E-08	4.30E-03	2.70E-04	1.93E+00	4.44E-01	2.76E+01	4.34E-05	2.79E+01	3.05E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
WH14595205Q	8.95E-03	1.29E+00	1.87E-02	1.23E+00	1.55E-06	0.00E+00	3.80E+02	3.18E-05	9.26E-04	1.11E-02	1.79E-03	3.14E+00	1.51E-07	4.17E-08	3.65E+00	7.96E-02	2.42E-03	1.23E-02	3.99E-02	5.12E-01	2.23E+01	3.66E+00	7.63E-07	9.06E-08	4.30E-03	2.70E-04	1.93E+00	4.44E-01	2.76E+01	4.34E-05	2.79E+01	3.05E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
WH14622300Q	7.87E-03	1.04E+00	8.35E-03	1.04E+00	3.84E-06	0.00E+00	4.31E+02	2.66E-05	8.48E-04	9.20E-03	1.51E-03	2.63E+00	1.01E-08	4.42E-08	5.10E+00	7.38E-02	2.05E-03	7.03E-03	2.60E-02	4.65E-01	2.05E+01	4.64E+00	4.88E-07	6.40E-08	3.32E-03	2.60E-04	1.98E+00	4.91E-01	2.56E+01	3.01E-05	2.56E+01	2.83E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH14622305Q	7.87E-03	1.04E+00	8.35E-03	1.04E+00	3.84E-06	0.00E+00	4.31E+02	2.66E-05	8.48E-04	9.20E-03	1.51E-03	2.63E+00	1.01E-08	4.42E-08	5.10E+00	7.38E-02	2.05E-03	7.03E-03	2.60E-02	4.65E-01	2.05E+01	4.64E+00	4.88E-07	6.40E-08	3.32E-03	2.60E-04	1.98E+00	4.91E-01	2.56E+01	3.01E-05	2.56E+01	2.83E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH14622306Q	7.87E-03	1.04E+00	8.35E-03	1.04E+00	3.84E-06	0.00E+00	4.31E+02	2.66E-05	8.48E-04	9.20E-03	1.51E-03	2.63E+00	1.01E-08	4.42E-08	5.10E+00	7.38E-02	2.05E-03	7.03E-03	2.60E-02	4.65E-01	2.05E+01	4.64E+00	4.88E-07	6.40E-08	3.32E-03	2.60E-04	1.98E+00	4.91E-01	2.56E+01	3.01E-05	2.56E+01	2.83E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH14622700Q	7.50E-03	1.04E+00	8.35E-03	1.04E+00	3.93E-06	0.00E+00	4.39E+02	2.73E-05	8.48E-04	9.20E-03	1.51E-03	2.63E+00	1.01E-08	4.50E-08	5.19E+00	7.52E-02	2.05E-03	7.11E-03	2.60E-02	4.65E-01	2.05E+01	4.64E+00	4.88E-07	6.38E-08	3.32E-03	2.60E-04	1.98E+00	4.91E-01	2.56E+01	3.05E-05	2.56E+01	2.83E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH14623300Q	7.68E-03	1.00E+00	8.31E-03	1.02E+00	4.86E-06	0.00E+00	4.20E+02	2.62E-05	7.85E-04	8.64E-03	1.31E-03	2.55E+00	1.02E-08	4.40E-08	5.16E+00	8.15E-02	1.75E-03	6.99E-03	2.18E-02	4.03E-01	1.92E+01	3.81E+00	6.52E-07	6.19E-08	3.22E-03	2.57E-04	1.22E+00	4.82E-01	2.37E+01	3.01E-05	2.37E+01	2.60E+01	1.77E+00	0.00E+00	0.00E+00	3.90E-10	9.77E-01
WH14625300Q	7.93E-03	1.06E+00	8.36E-03	1.05E+00	3.93E-06	0.00E+00	4.61E+02	2.72E-05	8.49E-04	9.19E-03	1.51E-03	2.70E+00	1.06E-08	4.42E-08	5.12E+00	7.63E-02	2.05E-03	6.99E-03	2.60E-02	4.67E-01	2.07E+01	4.64E+00	4.92E-07	6.43E-08	3.38E-03	2.59E-04	2.00E+00	4.92E-01	2.58E+01	3.06E-05	2.58E+01	2.85E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH14625305Q	7.93E-03	1.06E+00	8.36E-03	1.05E+00	3.93E-06	0.00E+00	4.61E+02	2.72E-05	8.49E-04	9.19E-03	1.51E-03	2.70E+00	1.06E-08	4.42E-08	5.12E+00	7.63E-02	2.05E-03	6.99E-03	2.60E-02	4.67E-01	2.07E+01	4.64E+00	4.92E-07	6.43E-08	3.38E-03	2.59E-04	2.00E+00	4.92E-01	2.58E+01	3.06E-05	2.58E+01	2.85E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH14625700Q	7.43E-03	9.96E-01	8.34E-03	1.01E+00	4.02E-06	0.00E+00	4.50E+02	2.70E-05	7.86E-04	8.60E-03	1.30E-03	2.54E+00	1.06E-08	4.49E-08	5.25E+00	8.12E-02	1.74E-03	7.04E-03	2.18E-02	4.08E-01	1.92E+01	3.81E+00	5.06E-07	6.14E-08	3.29E-03	2.55E-04	1.11E+00	4.81E-01	2.37E+01	3.05E-05	2.38E+01	2.61E+01	1.84E+00	0.00E+00	0.00E+00	3.90E-10	9.79E-01
WH14642300Q	9.22E-03	1.07E+00	7.88E-03	1.06E+00	3.61E-06	0.00E+00	6.22E+02	3.40E-05	8.70E-04	9.36E-03	1.54E-03	3.36E+00	1.15E-08	5.99E-08	6.76E+00	8.81E-02	2.08E-03	8.74E-03	2.68E-02	4.78E-01	2.20E+01	4.68E+00	2.68E-07	7.37E-08	3.56E-03	2.63E-04	2.54E+00	4.90E-01	2.67E+01	3.95E-05	2.67E+01	2.97E+01	3.03E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
WH14642305Q	9.04E-03	1.09E+00	8.25E-03	1.08E+00	3.63E-06	0.00E+00	6.51E+02	3.18E-05	8.70E-04	9.39E-03	1.60E-03	3.21E+00	1.13E-08	6.23E-08	6.50E+00	8.54E-02	2.15E-03	8.81E-03	2.68E-02	4.79E-01	2.06E+01	4.74E+00	5.16E-07	7.25E-08	3.48E-03	2.66E-04	2.07E+00	4.92E-01	2.60E+01	3.87E-05	2.60E+01	2.86E+01	2.64E+00	0.00E+00	0.00E+00	3.90E-10	1.16E+00
WH14642306Q	9.04E-03	1.09E+00	8.25E-03	1.08E+00	3.63E-06	0.00E+00	6.51E+02	3.18E-05	8.70E-04	9.39E-03	1.60E-03	3.21E+00	1.13E-08	6.23E-08	6.50E+00	8.54E-02	2.15E-03	8.81E-03	2.68E-02	4.79E-01	2.06E+01	4.74E+00	5.16E-07	7.25E-08	3.48E-03	2.66E-04	2.07E+00	4.92E-01	2.60E+01	3.87E-05	2.60E+01	2.86E+01	2.64E+00	0.00E+00	0.00E+00	3.90E-10	1.16E+00
WH14642700Q	9.08E-03	1.08E+00	8.37E-03	1.08E+00	4.24E-06	0.00E+00	5.03E+02	3.17E-05	8.68E-04	9.40E-03	1.60E-03	3.24E+00	1.12E-08	6.33E-08	6.53E+00	8.88E-02	2.15E-03	8.90E-03	2.69E-02	4.78E-01	2.07E+01	4.69E+00	5.16E-07	7.25E-08	3.48E-03	2.67E-04	2.07E+00	4.93E-01	2.64E+01	4.03E-05	2.64E+01	2.91E+01	2.73E+00	0.00E+00	0.00E+00	3.90E-10	1.16E+00

WH14914500Q	1.39E-02	1.76E+00	-4.23E-02	1.90E+00	3.60E-06	0.00E+00	5.20E+02	5.14E-05	1.65E-03	1.73E-02	3.19E-03	4.90E+00	1.29E-07	7.39E-08	4.98E+00	1.01E-01	4.68E-03	1.67E-02	5.49E-02	5.86E-01	3.64E+01	6.42E+00	8.01E-07	1.11E-07	5.98E-03	2.96E-04	1.88E+00	1.87E+00	4.73E+01	8.65E-05	4.72E+01	5.32E+01	3.25E+00	0.00E+00	0.00E+00	3.90E-10	1.94E+00
WH14916500Q	7.02E-03	7.16E-01	-4.32E-02	7.66E-01	6.64E-06	0.00E+00	6.99E+02	4.03E-05	5.71E-04	6.23E-03	7.80E-04	2.75E+00	1.98E-08	4.96E-08	5.03E+00	1.11E-01	1.14E-03	9.36E-03	2.05E-02	3.40E-01	1.87E+01	2.12E+00	5.12E-07	5.37E-08	2.27E-03	2.53E-04	1.43E+00	1.80E+00	2.17E+01	5.82E-05	2.18E+01	2.40E+01	2.01E+00	0.00E+00	0.00E+00	3.90E-10	9.24E-01
WH20580300A	2.55E-03	2.79E-01	-6.76E-03	2.86E-01	3.68E-06	0.00E+00	2.61E+02	3.68E-06	2.35E-04	2.45E-03	3.76E-04	8.33E-01	8.06E-09	1.77E-08	2.10E+00	1.17E-02	5.09E-04	1.79E-03	6.50E-03	1.19E-01	5.32E+00	9.03E-01	5.81E-08	1.61E-08	9.16E-04	5.76E-05	1.52E-01	2.32E-01	6.22E+00	9.54E-06	6.22E+00	6.61E+00	3.84E-01	0.00E+00	0.00E+00	0.00E+00	2.79E-01
WH20580300B	2.91E-03	3.42E-01	-1.37E-02	3.56E-01	3.60E-06	0.00E+00	2.52E+02	1.11E-05	2.87E-04	3.05E-03	4.85E-04	1.38E+00	8.94E-09	1.88E-08	2.10E+00	3.33E-02	6.57E-04	4.58E-03	7.35E-03	1.53E-01	7.03E+00	8.94E-01	7.56E-08	3.09E-08	1.10E-03	7.11E-05	5.86E-01	3.31E-01	7.92E+00	1.74E-05	7.92E+00	8.84E+00	9.17E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-01
WH20580303A	1.93E-03	1.86E-01	2.41E-03	1.85E-01	5.52E-06	0.00E+00	2.40E+02	1.89E-05	1.20E-04	1.45E-03	1.88E-04	9.95E-01	6.91E-09	3.13E-08	3.66E+00	3.25E-02	2.86E-04	2.00E-03	6.30E-03	8.18E-02	3.98E+00	6.31E-01	1.15E-07	1.60E-08	4.32E-04	4.48E-05	4.91E-01	7.76E-02	4.06E+00	1.54E-05	4.06E+00	4.34E+00	3.89E-01	0.00E+00	0.00E+00	3.90E-10	2.79E-01
WH20580303B	3.86E-03	3.81E-01	-1.16E-02	3.85E-01	1.17E-05	0.00E+00	2.50E+02	1.84E-05	2.97E-04	3.34E-03	4.83E-04	1.39E+00	9.59E-09	3.58E-08	3.46E+00	3.53E-02	6.50E-04	4.77E-03	8.93E-03	1.75E-01	8.50E+00	1.11E+00	9.24E-08	3.31E-08	1.22E-03	8.23E-05	7.01E-01	3.38E-01	9.31E+00	1.91E-05	9.31E+00	1.03E+01	1.08E+00	0.00E+00	0.00E+00	3.90E-10	3.78E-01
WH20580304A	4.02E-03	4.80E-01	5.63E-03	4.95E-01	3.74E-06	0.00E+00	2.55E+02	2.11E-05	4.12E-04	4.37E-03	6.42E-04	1.24E+00	8.00E-09	3.34E-08	3.79E+00	3.85E-02	8.73E-04	4.32E-03	1.02E-02	2.12E-01	9.85E+00	1.47E+00	7.21E-08	3.46E-08	1.67E-03	9.17E-05	7.96E-01	1.80E-01	1.15E+01	1.84E-05	1.15E+01	1.26E+01	9.20E-01	0.00E+00	0.00E+00	3.90E-10	4.78E-01
WH20580304B	3.86E-03	3.81E-01	-1.16E-02	3.85E-01	1.17E-05	0.00E+00	2.50E+02	1.84E-05	2.97E-04	3.34E-03	4.83E-04	1.39E+00	9.59E-09	3.58E-08	3.46E+00	3.53E-02	6.50E-04	4.77E-03	8.93E-03	1.75E-01	8.50E+00	1.11E+00	9.24E-08	3.31E-08	1.22E-03	8.23E-05	7.01E-01	3.38E-01	9.31E+00	1.91E-05	9.31E+00	1.03E+01	1.08E+00	0.00E+00	0.00E+00	3.90E-10	3.78E-01
WH20580305A	2.53E-03	2.75E-01	-6.54E-03	2.82E-01	3.60E-06	0.00E+00	2.52E+02	1.08E-05	2.39E-04	2.55E-03	3.69E-04	8.00E-01	8.01E-09	1.76E-08	2.09E+00	3.28E-02	4.99E-04	1.79E-03	6.58E-03	1.23E-01	5.55E+00	9.12E-01	5.78E-08	1.65E-08	9.13E-04	5.61E-05	5.96E-01	2.31E-01	6.46E+00	9.40E-06	6.46E+00	7.29E+00	8.27E-01	0.00E+00	0.00E+00	0.00E+00	2.83E-01
WH20580305B	3.86E-03	3.81E-01	-1.16E-02	3.85E-01	1.17E-05	0.00E+00	2.50E+02	1.84E-05	2.97E-04	3.34E-03	4.83E-04	1.39E+00	9.59E-09	3.58E-08	3.46E+00	3.53E-02	6.50E-04	4.77E-03	8.93E-03	1.75E-01	8.50E+00	1.11E+00	9.24E-08	3.31E-08	1.22E-03	8.23E-05	7.01E-01	3.38E-01	9.31E+00	1.91E-05	9.31E+00	1.03E+01	1.08E+00	0.00E+00	0.00E+00	3.90E-10	3.78E-01
WH20580306A	3.95E-03	4.81E-01	3.74E-03	4.88E-01	3.94E-06	0.00E+00	2.54E+02	2.08E-05	4.00E-04	4.38E-03	6.02E-04	1.24E+00	8.06E-09	3.44E-08	3.31E+00	3.67E-02	8.13E-04	3.96E-03	9.98E-03	2.04E-01	9.71E+00	1.44E+00	7.00E-08	3.52E-08	1.63E-03	8.76E-05	8.00E-01	1.64E-01	1.13E+01	1.82E-05	1.13E+01	1.25E+01	1.05E+00	0.00E+00	0.00E+00	3.90E-10	4.67E-01
WH20580306B	3.86E-03	3.81E-01	-1.16E-02	3.85E-01	1.17E-05	0.00E+00	2.50E+02	1.84E-05	2.97E-04	3.34E-03	4.83E-04	1.39E+00	9.59E-09	3.58E-08	3.46E+00	3.53E-02	6.50E-04	4.77E-03	8.93E-03	1.75E-01	8.50E+00	1.11E+00	9.24E-08	3.31E-08	1.22E-03	8.23E-05	7.01E-01	3.38E-01	9.31E+00	1.91E-05	9.31E+00	1.03E+01	1.08E+00	0.00E+00	0.00E+00	3.90E-10	3.78E-01
WH20580307A	1.93E-03	1.86E-01	2.41E-03	1.85E-01	5.52E-06	0.00E+00	2.40E+02	1.89E-05	1.20E-04	1.45E-03	1.88E-04	9.95E-01	6.91E-09	3.13E-08	3.66E+00	3.25E-02	2.86E-04	2.00E-03	6.30E-03	8.18E-02	3.98E+00	6.31E-01	1.15E-07	1.60E-08	4.32E-04	4.48E-05	4.91E-01	7.76E-02	4.06E+00	1.54E-05	4.06E+00	4.34E+00	3.89E-01	0.00E+00	0.00E+00	3.90E-10	2.79E-01
WH20580307B	3.86E-03	3.81E-01	-1.16E-02	3.85E-01	1.17E-05	0.00E+00	2.50E+02	1.84E-05	2.97E-04	3.34E-03	4.83E-04	1.39E+00	9.59E-09	3.58E-08	3.46E+00	3.53E-02	6.50E-04	4.77E-03	8.93E-03	1.75E-01	8.50E+00	1.11E+00	9.24E-08	3.31E-08	1.22E-03	8.23E-05	7.01E-01	3.38E-01	9.31E+00	1.91E-05	9.31E+00	1.03E+01	1.08E+00	0.00E+00	0.00E+00	3.90E-10	3.78E-01
WH20580309A	1.93E-03	1.86E-01	2.41E-03	1.85E-01	5.52E-06	0.00E+00	2.40E+02	1.89E-05	1.20E-04	1.45E-03	1.88E-04	9.95E-01	6.91E-09	3.13E-08	3.66E+00	3.25E-02	2.86E-04	2.00E-03	6.30E-03	8.18E-02	3.98E+00	6.31E-01	1.15E-07	1.60E-08	4.32E-04	4.48E-05	4.91E-01	7.76E-02	4.06E+00	1.54E-05	4.06E+00	4.34E+00	3.89E-01	0.00E+00	0.00E+00	3.90E-10	2.79E-01
WH20583300B	4.11E-03	3.91E-01	3.73E-03	3.96E-01	9.24E-06	0.00E+00	3.82E+02	3.07E-05	2.81E-04	2.97E-03	4.38E-04	2.13E+00	9.57E-09	4.42E-08	4.84E+00	6.60E-02	5.92E-04	5.87E-03	8.85E-03	1.77E-01	7.30E+00	1.01E+00	9.01E-08	3.36E-08	1.15E-03	1.30E-04	9.62E-01	1.41E-01	8.29E+00	2.66E-05	8.27E+00	9.23E+00	1.16E+00	0.00E+00	0.00E+00	3.90E-10	3.84E-01
WH20583303B	3.48E-03	3.88E-01	3.73E-03	3.93E-01	9.60E-06	0.00E+00	2.47E+02	1.95E-05	2.85E-04	3.01E-03	4.38E-04	1.47E+00	7.64E-09	3.51E-08	3.75E+00	3.74E-02	5.92E-04	4.41E-03	8.51E-03	1.50E-01	7.57E+00	1.02E+00	8.71E-08	3.41E-08	1.16E-03	7.13E-05	9.14E-01	1.34E-01	8.44E+00	2.01E-05	8.44E+00	9.30E+00	1.05E+00	0.00E+00	0.00E+00	3.90E-10	3.72E-01
WH20583306A	5.36E-03	6.53E-01	-3.78E-02	6.90E-01	4.94E-06	0.00E+00	2.81E+02	2.79E-05	5.45E-04	6.07E-03	7.82E-04	1.46E+00	1.15E-08	4.10E-08	3.54E+00	6.01E-02	1.14E-03	5.42E-03	1.19E-02	2.60E-01	1.37E+01	1.96E+00	7.28E-08	3.91E-08	2.07E-03	1.17E-04	8.67E-01	1.42E+00	1.63E+01	4.95E-05	1.63E+01	1.80E+01	1.34E+00	0.00E+00	0.00E+00	3.90E-10	6.31E-01
WH20583306B	5.39E-03	6.53E-01	-4.54E-02	6.90E-01	4.94E-06	0.00E+00	2.81E+02	2.76E-05	5.44E-04	6.06E-03	7.82E-04	1.57E+00	1.15E-08	4.09E-08	3.53E+00	6.12E-02	1.14E-03	5.91E-03	1.21E-02	2.79E-01	1.37E+01	1.97E+00	1.14E-07	4.76E-08	2.08E-03	1.23E-04	1.18E+00	1.57E+00	1.64E+01	5.01E-05	1.64E+01	1.81E+01	1.82E+00	0.00E+00	0.00E+00	3.90E-10	6.32E-01
WH20585300A	2.54E-03	2.76E-01	-7.35E-03	2.83E-01	3.60E-06	0.00E+00	2.52E+02	1.11E-05	2.42E-04	2.65E-03	3.69E-04	8.04E-01	8.00E-09	1.76E-08	2.24E+00	3.31E-02	4.99E-04	1.79E-03	6.53E-03	1.26E-01	6.59E+00	8.56E-01	5.48E-08	1.76E-08	9.18E-04	5.39E-05	1.08E+00	2.26E-01	7.45E+00	9.45E-06	7.45E+00	8.75E+00	1.30E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-01
WH20585300B	2.83E-03	3.42E-01	2.37E-03	3.39E-01	3.60E-06	0.00E+00	2.52E+02	1.11E-05	2.64E-04	2.93E-03	3.87E-04	1.38E+00	6.89E-09	1.88E-08	2.11E+00	3.36E-02	5.24E-04	4.46E-03	7.12E-03	1.46E-01	7.83E+00	8.55E-01	7.18E-08	3.15E-08	1.04E-03	6.46E-05	1.11E+00	1.08E-01	8.69E+00	1.74E-05	8.69E+00	9.91E+00	1.22E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-01
WH20585303A	1.98E-03	1.83E-01	2.17E-03	1.82E-01	5.52E-06	0.00E+00	2.40E+02	1.66E-05	1.18E-04	1.35E-03	1.88E-04	1.01E+00	6.92E-09	3.17E-08	3.80E+00	3.24E-02	2.86E-04	1.94E-03	5.65E-03	8.15E-02	3.90E+00	6.33E-01	1.15E-07	1.65E-08	4.32E-04	4.43E-05	5.10E-01	6.82E-02	3.97E+00	1.54E-05	3.97E+00	4.27E+00	3.32E-01	0.00E+00	0.00E+00	3.90E-10	2.57E-01
WH20585303B	3.84E-03	3.77E-01	-1.09E-02	3.80E-01	1.52E-05	0.00E+00	2.48E+02	1.49E-05	2.97E-04	3.33E-03	4.81E-04	1.40E+00	9.30E-09	3.60E-08	3.67E+00	3.29E-02	6.47E-04	4.61E-03	8.63E-03	1.73E-01	8.45E+00	1.11E+00	9.03E-08	3.32E-08	1.21E-03	8.13E-05	7.16E-01	3.40E-01	9.30E+00	1.92E-05	9.30E+00	1.03E+01	1.05E+00	0.00E+00	0.00E+00	3.90E-10	3.68E-01
WH20585304A	1.98E-03	1.83E-01	2.17E-03	1.82E-01	5.52E-06	0.00E+00	2.40E+02	1.66E-05	1.18E-04	1.35E-03	1.88E-04	1.01E+00	6.92E-09	3.17E-08	3.80E+00	3.24E-02	2.86E-04	1.94E-03	5.65E-03	8.15E-02	3.90E+00	6.33E-01	1.15E-07	1.65E-08	4.32E-04	4.43E-05	5.10E-01	6.82E-02	3.97E+00	1.54E-05	3.97E+00	4.27E+00	3.32E-01	0.00E+00	0.00E+00	3.90E-10	2.57E-01
WH20585305A	1.98E-03	1.83E-01	2.17E-03	1.82E-01	5.52E-06	0.00E+00	2.40E+02	1.66E-05	1.18E-04	1.35E-03	1.88E-04	1.01E+00	6.92E-09	3.17E-08	3.80E+00	3.24E-02	2.86E-04	1.94E-03	5.65E-03	8.15E-02	3.90E+00	6.33E-01	1.15E-07	1.65E-08	4.32E-04	4.43E-05	5.10E-01	6.82E-02	3.97E+00	1.54E-05	3.97E+00	4.27E+00	3.32E-01	0.00E+00	0.00E+00	3.90E-10	2.57E-01
WH20585305B	3.84E-03	3.77E-01	-1.09E-02	3.80E-01	1.52E-05	0.00E+00	2.48E+02	1.49E-05	2.97E-04	3.33E-03	4.81E-04	1.40E+00	9.30E-09	3.60E-08	3.67E+00	3.29E-02	6.47E-04	4.61E-03	8.63E-03	1.73E-01	8.45E+00	1.11E+00	9.03E-08	3.32E-08	1.21E-03	8.13E-05	7.16E-01	3.40E-01	9.30E+00	1.92E-05	9.30E+00	1.03E+01	1.05E+00	0.00E+00	0.00E+00	3.90E-10	3.68E-01
WH20585306A	3.96E-03	4.78E-01	-3.73E-03	4.95E-01	3.75E-06	0.00E+00	2.55E+02	1.81E-05	4.05E-04	4.34E-03	6.27E-04	1.26E+00	8.59E-09	3.41E-08	3.52E+00	3.71E-02	8.52E-04	4.22E-03	9.63E-03	2.12E-01	9.82E+00	1.45E+00	7.21E-08	3.46E-08	1.63E-03	9.06E-05	7.07E-01	1.91E-01	1.15E+01	1.81E-05	1.15E+01	1.25E+01	9.73E-01	0.00E+00	0.00E+00	3.90E-10	4.48E-01
WH20585306B	3.84E-03	3.77E-01	-1.09E-02	3.80E-01	1.52E-05	0.00E+00	2.48E+02	1.49E-05	2.97E-04	3.33E-03	4.81E-04	1.40E+00	9.30E-09	3.60E-08	3.67E+00	3.29E-02	6.47E-04	4.61E-03	8.63E-03	1.73E-01	8.45E+00	1.11E+00	9.03E-08	3.32E-08	1.21E-03	8.13E-05	7.16E-01	3.40E-01	9.30E+00	1.92E-05	9.30E+00	1.03E+01	1.05E+00	0.00E+00	0.00E+00	3.90E-10	3.68E-01
WH20585307A	1.98E-03	1.83E-01	2.17E-03	1.82E-01	5.52E-06	0.00E+00	2.40E+02	1.66E-05	1.18E-04	1.35E-03	1.88E-04	1.01E+00	6.92E-09	3.17E-08	3.80E+00	3.24E-02	2.86E-04	1.94E-03	5.65E-03	8.15E-02	3.90E+00	6.33E-01	1.15E-07	1.65E-08	4.32E-04	4.43E-05	5.10E-01	6.82E-02	3.97E+00	1.54E-05	3.97E+00	4.27E+00	3.32E-01	0.00E+00	0.00E+00	3.90E-10	2.57E-01
WH20585307B	3.84E-03	3.77E-01	-1.09E-02	3.80E-01	1.52E-05	0.00E+00	2.48E+02	1.49E-05	2.97E-04	3.33E-03	4.81E-04	1.40E+00	9.30E-09	3.60E-08	3.67E+00	3.29E-02	6.47E-04	4.61E-03	8.63E-03	1.73E-01	8.45E+00	1.11E+00	9.03E-08	3.32E-08	1.21E-03	8.13E-05	7.16E-01	3.40E-01	9.30E+00	1.92E-05	9.30E+00	1.03E+01	1.05E+00	0.00E+00	0.00E+00	3.90E-10	3.68E-01
WH20585309A	1.98E-03	1.83E-01	2.17E-03	1.82E-01	5.52E-06	0.00E+00	2.40E+02	1.66E-05	1.18E-04	1.35E-03	1.88E-04	1.01E+00	6.92E-09	3.17E-08	3.80E+00	3.24E-02	2.86E-04	1.94E-03	5.65E-03	8.15E-02	3.90E+00	6.33E-01	1.15E-07	1.65E-08	4.32E-04	4.43E-05	5.10E-01	6.82E-02	3.97E+00	1.54E-05	3.97E+00	4.27E+00	3.32E-01	0.00E+00	0.00E+00	3.90E-10	2.57E-01
WH20585400A	4.44E-03	5.04E-01	-5.75E-03	5.28E-01	4.15E-06	0.00E+00	3.00E+02	3.87E-05	4.30E-04	4.78E-03	7.20E-04	2.27E+00	1.58E-07	3.39E-08	3.25E+00	7.94E-02	9.76E-04	1.28E-02	2.79E-02	2.15E-01	1.24E+01	1.20E+00	1.13E-07	3.80E-08	1.57E-03	9.07E-05	9.06E-01	2.46E-01	1.30E+01	3.75E-05	1.30E+01	1.44E+01	1.24E+00	0.00E+00	0.00E+00	3.90E-10	1.14E+00
WH20585400B	5.26E-03	6.85E-01	8.47E-03	7.01E-01	3.93E-06	0.00E+00	2.96E+02	3.83E-05	5.51E-04	6.13E-03	8.46E-04	2.31E+00	1.18E-07	3.50E-08	4.09E+00	8.70E-02	1.14E-03	1.33E-02	2.94E-02	2.84E-01	1.46E+01	1.79E+00	1.21E-07	5.20E-08	1.98E-03	1.17E-04	1.34E+00	1.96E-01	1.71E+01	3.93E-05	1.71E+01	1.87E+01	1.83E+00	0.00E+00	0.00E+00	3.90E-10	1.24E+00
WH20585403A	4.21E-03	5.01E-01	-5.71E-03	5.25E-01	4.44E-06	0.00E+00	2.81E+02	2.96E-05	4.30E-04	4.75E-03	7.21E-04	1.73E+00	1.48E-07	3.43E-08	3.09E+00	7.65E-02	9.77E-04	1.05E-02	2.28E-02	2.17E-01	1.18E+01	1.28E+00	1.09E-07	3.82E-08	1.55E-03	8.99E-05	8.96E-01	2.33E-01	1.28E+01	2.99E-05	1.28E+01	1.40E+01	1.21E+00	0.00E+00	0.00E+00	3.90E-10	9.47E-01
WH20585404A	4.21E-03	5.01E-01	-5.71E-03	5.25E-01	4.44E-06	0.00E+00	2.81E+02	2.96E-05	4.30E-04	4.75E-03	7.21E-04	1.73E+00	1.48E-07	3.43E-08	3.09E+00	7.65E-02	9.77E-04	1.05E-02	2.28E-02	2.17E-01	1.18E+01	1.28E+00	1.09E-07	3.82E-08	1.55E-03	8.99E-05	8.96E-01	2.33E-01	1.28E+01	2.99E-05	1.28E+01	1.40E+01	1.21E+00	0.00E+00	0.00E+00	3.90E-10	9.47E-01
WH20585404B	1.95E-03	2.12E-01	1.81E-03	1.92E-01	5.72E-06	0.00E+00	2.49E+02	2.95E-05	1.31E-04	1.38E-03	1.82E-04	1.51E+00	9.36E-08	3.42E-08	3.52E+00	6.64E-02	2.94E-04	9.12E-03	2.23E-02	8.90E-02	4.16E+00	5.28E-01	1.49E-07	3.30E-08	5.07E-04	5.57E-05	8.48E-01	4.65E-02	4.28E+00	2.38E-05	4.28E+00	4.49E+00	6.28E-01	0.00E+00	0.00E+00	3.90E-10	8.19E-01
WH20585405A	4.21E-03	5.01E-01	-5.71E-03	5.25E-01	4.44E-06	0.00E+00	2.81E+02	2.96E-05	4.30E-04	4.75E-03	7.21E-04	1.73E+00	1.48E-07	3.43E-08	3.09E+00	7.65E-02	9.77E-04	1.05E-02	2.28E-02	2.17E-01	1.18E+01	1.28E+00	1.09E-07	3.82E-08	1.55E-03	8.99E-05	8.96E-01	2.33E-01	1.28E+01	2.99E-05	1.28E+01	1.40E+01	1.21E+00	0.00E+00	0.00E+00	3.90E-10	9.47E-01
WH20585405B	1.95E-03	2.12E-01	1.81E-03	1.92E-01	5.72E-06	0.00E+00	2.49E+02	2.95E-05	1.31E-04	1.38E-03	1.82E-04	1.51E+00	9.36E-08	3.42E-08	3.52E+00	6.64E-02	2.94E-04	9.12E-03	2.23E-02	8.90E-02	4.16E+00	5.28E-01	1.49E-07	3.30E-08	5.07E-04	5.57E-05	8.48E-01	4.65E-02	4.28E+00	2.38E-05	4.28E+00	4.49E+00	6.28E-01	0.00E+00	0.00E+00	3.90E-10	8.19E-01
WH20588300B	3.59E-03	3.90E-01	3.60E-03	3.94E-01	9.77E-06	0.00E+00	3.03E+02	2.92E-05	2.85E-04	3.01E-03	4.38E-04	1.71E+00	7.90E-09	3.67E-08	4.57E+00	7.08E-02	5.92E-04	5.11E-03	8.57E-03	1.53E-01	7.26E+00	1.02E+00	8.88E-08	3.50E-08	1.16E-03	7.10E-05	9.60E-01	1.33E-01	8.21E+00	3.06E-05	8.21E+00	9.44E+00	1.20E+00	0.00E+00	0.00E+00	3.90E-10	3.71E-01
WH20588303B	3.53E-03	3.87E-01	3.51E-03	3.89E-01	9.61E-06	0.00E+00	2.47E+02	1.80E-05	2.85E-04	3.01E-03	4.38E-04	1.48E+00	7.65E-09	3.55E-08	3.93E+00	3.77E-02	5.92E-04	4.44E-03	8.26E-03	1.49E-01	7.46E+00	1.01E+00	8.52E-08	3.43E-08	1.15E-03	7.08E-05	9.44E-01	1.25E-01	8.36E+00	2.03E-05	8.36E+00	9.49E+00	1.05E+00	0.00E+00	0.00E+00	3.90E-10	3.70E-01
WH20588305B	3.53E-03	3.87E-01	3.51E-03	3.89E-01	9.61E-06	0.00E+00	2.47E+02	1.80E-05	2.85E-04	3.01E-03	4.38E-04	1.48E+00	7.65E-09	3.55E-08	3.93E+00	3.77E-02	5.92E-04	4.44E-03	8.26E-03	1.49E-01	7.46E+00	1.01E+00	8.52E-08	3.43E-08	1.15E-03	7.08E-05	9.44E-01	1.25E-01	8.36E+00	2.03E-05	8.36E+00	9.49E+00	1.05E+00	0.00E+00	0.00E+00	3.90E-10	3.70E-01
WH20588306B	5.39E-03	6.53E-01	-4.53E-02	6.90E-01	4.95E-06	0.00E+00	2.81E+02	2.19E-05	5.42E-04	6.03E-03	7.82E-04	1.59E+00	1.15E-08	4.10E-08	3.74E+00	6.19E-02	1.14E-03	5.72E-03	1.12E-02	2.79E-01	1.37E+01	1.98E+00	1.12E-07	4.77E-08	2.08E-03	1.23E-04	1.18E+00	1.57E+00	1.64E+01	5.02E-05	1.64E+01	1.81E+01	1.76E+00	0.00E+00	0.00E+00	3.90E-10	6.12E-01
WH20592200A	4.86E-03	5.36E-01	-7.06E-03	5.43E-01	2.50E-08	0.00E+00	3.03E+02	3.37E-05	4.24E-04	4.66E-03	7.37E-04	2.73E+00	1.64E-07	5.48E-08	3.09E+00	6.49E-02	9.97E-04	1.21E-02	3.07E-02	1.89E-01	1.26E+01	9.13E-01	1.20E-07	6.28E-08	1.65E-03	9.40E-05	1.14E+00	2.71E-01	1.35E+01	3.81E-05	1.35E+01	1.49E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
WH20592200B	2.01E-03	2.16E-01	2.20E-03	1.98E-01	4.75E-06	0.00E+00	2.86E+02	4.59E-05	1.37E-04	1.56E-03	1.84E-04	2.30E+00	1.16E-07	4.25E-08	4.40E+00	9.66E-02	3.00E-04	1.16E-02	3.13E-02	1.04E-01	4.33E+00	5.19E-01	1.80E-07	3.49E-08	5.08E-04	1.18E-04	9.06E-01	6.37E-02	4.41E+00	3.60E-05	4.39E+00	4.64E+00	8.48E-01	0.00E+00	0.00E+00	3.90E-10	1.16E+00
WH20592203A	1.90E-03	2.17E-01	2.24E-03	1.98E-01	5.69E-06	0.00E+00	2.55E+02	3.38E-05	1.34E-04	1.49E-03	1.82E-04	1.53E+00	1.01E-07	3.34E-08	3.41E+00	6.40E-02	2.98E-04	9.29E-03	2.58E-02	7.75E-02	4.13E+00	5.28E-01	1.86E-07	2.80E-08	5.13E-04	4.39E-05	7.78E-01	5.45E-02	4.32E+00	2.37E-05	4.32E+00	4.55E+00	4.35E-01	0.00E+00	0.00E+00	3.90E-10	9.83E-01
WH20592204A	1.90E-03	2.17E-01	2.22E-03	1.98E-01	5.70E-06	0.00E+00	2.55E+02	3.39E-05	1.34E-04	1.49E-03	1.82E-04	1.53E+00	9.68E-08	3.34E-08	3.40E+00	6.40E-02	2.94E-04	9.38E-03	2.58E-02	7.75E-02	4.13E+00	5.28E-01	1.86E-07	2.80E-08	5.11E-04	4.39E-05	7.64E-01	5.45E-02	4.32E+00	2.37E-05	4.32E+00	4.55E+00	4.33E-01	0.00E+00	0.00E+00	3.90E-10	9.79E-01
WH20592204B	1.90E-03	2.17E-01	2.18E-03	1.98E-01	5.27E-06	0.00E+00	2.54E+02	3.35E-05	1.34E-04	1.49E-03	1.82E-04	1.62E+00	9.74E-08	3.33E-08	3.37E+00	6.41E-02	2.94E-04	9.77E-03	2.61E-02	9.03E-02	4.24E+00	5.27E-01	1.50E-07	3.54E-08	5.07E-04	5.68E-05	8.34E-01	5.71E-02	4.35E+00	2.46E-05	4.35E+00	4.59E+00	7.20E-01	0.00E+00	0.00E+00	3.90E-10	9.92E-01
WH20592205A	1.90E-03	2.17E-01	2.24E-03	1.98E-01	5.69E-06	0.00E+00	2.55E+02	3.38E-05	1.34E-04	1.49E-03	1.82E-04	1.53E+00	1.01E-07	3.34E-08	3.41E+00	6.40E-02	2.98E-04	9.29E-03	2.58E-02	7.75E-02	4.13E+00	5.28E-01	1.86E-07	2.80E-08	5.13E-04	4.39E-05	7.78E-01	5.45E-02	4.32E+00	2.37E-05	4.32E+00	4.55E+00	4.35E-01	0.00E+00	0.00E+00	3.90E-10	9.83E-01
WH20592207A	1.90E-03	2.17E-01	2.24E-03	1.98E-01	5.69E-06	0.00E+00	2.55E+02	3.38E-05	1.34E-04	1.49E-03	1.82E-04	1.53E+00	1.01E-07	3.34E-08	3.41E+00	6.40E-02	2.98E-04	9.29E-03	2.58E-02	7.75E-02	4.13E+00	5.28E-01	1.86E-07	2.80E-08	5.13E-04	4.39E-05	7.78E-01	5.45E-02	4.32E+00	2.37E-05	4.32E+00	4.55E+00	4.35E-01	0.00E+00	0.00E+00	3.90E-10	9.83E-01
WH20592209A	1.90E-03	2.17E-01	2.24E-03	1.98E-01	5.69E-06	0.00E+00	2.55E+02	3.38E-05	1.34E-04	1.49E-03	1.82E-04	1.53E+00	1.01E-07	3.34E-08	3.41E+00	6.40E-02	2.98E-04	9.29E-03	2.58E-02	7.75E-02	4.13E+00	5.28E-01	1.86E-07	2.80E-08	5.13E-04	4.39E-05	7.78E-01	5.45E-02	4.32E+00	2.37E-05	4.32E+00	4.55E+00	4.35E-01	0.00E+00	0.00E+00	3.90E-10	9.83E-01
WH20592209B	1.90E-03	2.17E-01	2.19E-03	1.98E-01	5.26E-06	0.00E+00	2.54E+02	3.34E-05	1.34E-04	1.49E-03	1.82E-04	1.62E+00	1.01E-07	3.33E-08	3.38E+00	6.41E-02	2.98E-04	9.71E-03	2.61E-02	9.03E-02	4.24E+00	5.27E-01	1.51E-07	3.54E-08	5.09E-04	5.68E-05	8.47E-01	5.71E-02	4.35E+00	2.46E-05	4.35E+00	4.59E+00	7.20E-01	0.00E+00	0.00E+00	3.90E-10	9.96E-01
WH20593200A	4.88E-03	4.50E-01	-5.06E-03	4.55E-01	5.88E-06	0.00E+00	5.02E+02	2.89E-05	3.83E-04	4.26E-03	5.41E-04	1.96E+00	1.07E-08	4.20E-08	5.02E+00	8.33E-02	7.33E-04	4.39E-03	1.01E-02	1.73E-01	1.07E+01	1.30E+00	7.26E-08	3.34E-08	1.47E-03	6.58E-05	1.66E+00	2.52E-01	1.20E+01	2.29E-05	1.20E+01	1.39E+01	1.91E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-01
WH20593203A	1.20E-02	1.15E+00	-1.73E-01	1.16E+00	6.36E-06	0.00E+00	3.45E+03	4.29E-05	1.39E-03	1.27E-02	1.68E-03	3.00E+00	2.98E-08	7.46E-08	7.34E+00	1.54E-01	2.28E-03	1.04E-02	1.79E-02	4.68E-01	2.33E+01	4.31E+00	1.14E-07	7.58E-08	4.32E-03	2.23E-04	1.48E+00	2.28E+00	2.76E+01	6.56E-05	2.76E+01	2.95E+01	2.33E+00	0.00E+00	0.00E+00	3.90E-10	7.26E-01
WH20593204A	1.20E-02	1.15E+00	-1.73E-01	1.16E+00	6.35E-06	0.00E+00	3.45E+03	4.32E-05	1.39E-03	1.27E-02	1.68E-03	3.00E+00	2.98E-08	7.46E-08	7.34E+00	1.54E-01	2.28E-03	1.04E-02	1.79E-02	4.68E-01	2.33E+01	4.31E+00	1.13E-07	7.58E-08	4.32E-03	2.23E-04	1.48E+00	2.28E+00	2.76E+01	6.56E-05	2.76E+01	2.95E+01	2.33E+00	0.00E+00	0.00E+00	3.90E-10	7.26E-01
WH20593205A	1.20E-02	1.15E+00	-1.73E-01	1.16E+00	6.36E-06	0.00E+00	3.45E+03	4.29E-05	1.39E-03	1.27E-02	1.68E-03	3.00E+00	2.98E-08	7.46E-08	7.34E+00	1.54E-01	2.28E-03	1.04E-02	1.79E-02	4.68E-01	2.33E+01	4.31E+00	1.14E-07	7.58E-08	4.32E-03	2.23E-04	1.48E+00	2.28E+00	2.76E+01	6.56E-05	2.76E+01	2.95E+01	2.33E+00	0.00E+00	0.00E+00	3.90E-10	7.26E-01
WH20593205B	1.20E-02	1.15E+00	-1.81E-01	1.16E+00	6.36E-06	0.00E+00	3.45E+03	4.29E-05	1.39E-03	1.27E-02	1.68E-03	3.00E+00	3.00E-08	7.46E-08	7.34E+00	1.29E-01	2.28E-03	1.08E-02	1.79E-02	4.68E-01	2.32E+01	4.31E+00	1.28E-07	7.68E-08	4.31E-03	2.33E-04	1.52E+00	2.44E+00	2.75E+01	6.59E-05	2.76E+01	2.95E+01	2.44E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH20593207B	1.20E-02	1.15E+00	-1.81E-01	1.16E+00	6.36E-06	0.00E+00	3.45E+03	4.29E-05	1.39E-03	1.27E-02	1.68E-03	3.00E+00	3.00E-08	7.46E-08	7.34E+00	1.29E-01	2.28E-03	1.08E-02	1.79E-02	4.68E-01	2.32E+01	4.31E+00	1.28E-07	7.68E-08	4.31E-03	2.33E-04	1.52E+00	2.44E+00	2.75E+01	6.59E-05	2.76E+01	2.95E+01	2.44E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH20593209B	1.20E-02	1.15E+00	-1.81E-01	1.16E+00	6.36E-06	0.00E+00	3.45E+03	4.29E-05	1.39E-03	1.27E-02	1.68E-03	3.00E+00	3.00E-08	7.46E-08	7.34E+00	1.29E-01	2.28E-03	1.08E-02	1.79E-02	4.68E-01	2.32E+01	4.31E+00	1.28E-07	7.68E-08	4.31E-03	2.33E-04	1.52E+00	2.44E+00	2.75E+01	6.59E-05	2.76E+01	2.95E+01	2.44E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH20595200A	4.33E-03	5.23E-01	-6.73E-03	5.30E-01	2.50E-08	0.00E+00	3.03E+02	3.35E-05	4.08E-04	4.47E-03	7.29E-04	2.79E+00	1.74E-07	3.27E-08	3.25E+00	6.54E-02	9.86E-04	1.21E-02	3.17E-02	2.28E-01	1.22E+01	9.13E-01	1.13E-07	6.31E-08	1.59E-03	9.87E-05	1.23E+00	2.71E-01	1.31E+01	3.94E-05	1.31E+01	1.46E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
WH20595200B	5.39E-03	6.63E-01	8.69E-03	6.86E-01	3.46E-06	0.00E+00	2.96E+02	3.82E-05	5.62E-04	6.27E-03	8.46E-04	2.39E+00	1.23E-07	3.48E-08	4.09E+00	7.88E-02	1.14E-03	1.26E-02	3.27E-02	2.86E-01	1.45E+01	1.76E+00	1.22E-07	5.29E-08	2.03E-03	1.18E-04	1.34E+00	2.13E-01	1.71E+01	4.00E-05	1.71E+01	1.87E+01	1.82E+00	0.00E+00	0.00E+00	3.90E-10	1.40E+00
WH20595203A	1.95E-03	2.11E-01	2.21E-03	1.92E-01	5.69E-06	0.00E+00	2.49E+02	2.96E-05	1.31E-04	1.38E-03	1.82E-04	1.54E+00	9.98E-08	3.43E-08	3.52E+00	6.55E-02	2.98E-04	8.22E-03	2.54E-02	7.63E-02	4.13E+00	5.29E-01	1.86E-07	2.82E-08	5.14E-04	4.39E-05	7.70E-01	5.24E-02	4.31E+00	2.38E-05	4.31E+00	4.55E+00	3.72E-01	0.00E+00	0.00E+00	3.90E-10	9.83E-01
WH20595203B	1.95E-03	2.12E-01	2.16E-03	1.92E-01	5.26E-06	0.00E+00	2.49E+02	2.96E-05	1.31E-04	1.38E-03	1.82E-04	1.63E+00	1.00E-07	3.42E-08	3.49E+00	6.57E-02	2.98E-04	8.72E-03	2.56E-02	8.90E-02	4.23E+00	5.28E-01	1.50E-07	3.57E-08	5.10E-04	5.68E-05	8.32E-01	5.48E-02	4.35E+00	2.47E-05	4.35E+00	4.59E+00	6.30E-01	0.00E+00	0.00E+00	3.90E-10	9.96E-01
WH20595204A	1.95E-03	2.11E-01	2.21E-03	1.92E-01	5.69E-06	0.00E+00	2.49E+02	2.96E-05	1.31E-04	1.38E-03	1.82E-04	1.54E+00	9.98E-08	3.43E-08	3.52E+00	6.55E-02	2.98E-04	8.22E-03	2.54E-02	7.63E-02	4.13E+00	5.29E-01	1.86E-07	2.82E-08	5.14E-04	4.39E-05	7.70E-01	5.24E-02	4.31E+00	2.38E-05	4.31E+00	4.55E+00	3.72E-01	0.00E+00	0.00E+00	3.90E-10	9.83E-01
WH20595205A	4.44E-03	5.21E-01	7.88E-03	5.38E-01	4.22E-06	0.00E+00	2.74E+02	3.09E-05	4.70E-04	5.32E-03	7.36E-04	1.86E+00	1.15E-07	3.45E-08	3.67E+00	7.87E-02	1.00E-03	1.04E-02	2.65E-02	2.16E-01	1.17E+01	1.31E+00	1.17E-07	4.45E-08	1.57E-03	9.48E-05	1.06E+00	1.76E-01	1.31E+01	3.16E-05	1.31E+01	1.41E+01	1.22E+00	0.00E+00	0.00E+00	3.90E-10	1.18E+00
WH20595206A	5.31E-03	6.64E-01	8.71E-03	6.85E-01	4.08E-06	0.00E+00	2.80E+02	3.08E-05	5.65E-04	6.28E-03	8.50E-04	1.86E+00	1.15E-07	3.55E-08	3.73E+00	7.94E-02	1.15E-03	1.08E-02	2.66E-02	2.69E-01	1.39E+01	1.78E+00	1.14E-07	4.75E-08	2.03E-03	1.11E-04	1.22E+00	1.89E-01	1.67E+01	3.17E-05	1.67E+01	1.82E+01	1.29E+00	0.00E+00	0.00E+00	3.90E-10	1.20E+00
WH20595206B	1.95E-03	2.12E-01	2.16E-03	1.92E-01	5.26E-06	0.00E+00	2.49E+02	2.96E-05	1.31E-04	1.38E-03	1.82E-04	1.63E+00	1.00E-07	3.42E-08	3.49E+00	6.57E-02	2.98E-04	8.72E-03	2.56E-02	8.90E-02	4.23E+00	5.28E-01	1.50E-07	3.57E-08	5.10E-04	5.68E-05	8.32E-01	5.48E-02	4.35E+00	2.47E-05	4.35E+00	4.59E+00	6.30E-01	0.00E+00	0.00E+00	3.90E-10	9.96E-01
WH20595207A	1.95E-03	2.11E-01	2.21E-03	1.92E-01	5.69E-06	0.00E+00	2.49E+02	2.96E-05	1.31E-04	1.38E-03	1.82E-04	1.54E+00	9.98E-08	3.43E-08	3.52E+00	6.55E-02	2.98E-04	8.22E-03	2.54E-02	7.63E-02	4.13E+00	5.29E-01	1.86E-07	2.82E-08	5.14E-04	4.39E-05	7.70E-01	5.24E-02	4.31E+00	2.38E-05	4.31E+00	4.55E+00	3.72E-01	0.00E+00	0.00E+00	3.90E-10	9.83E-01
WH20595209A	1.95E-03	2.11E-01	2.21E-03	1.92E-01	5.69E-06	0.00E+00	2.49E+02	2.96E-05	1.31E-04	1.38E-03	1.82E-04	1.54E+00	9.98E-08	3.43E-08	3.52E+00	6.55E-02	2.98E-04	8.22E-03	2.54E-02	7.63E-02	4.13E+00	5.29E-01	1.86E-07	2.82E-08	5.14E-04	4.39E-05	7.70E-01	5.24E-02	4.31E+00	2.38E-05	4.31E+00	4.55E+00	3.72E-01	0.00E+00	0.00E+00	3.90E-10	9.83E-01
WH20596200A	4.69E-03	4.32E-01	-5.69E-03	4.38E-01	5.95E-06	0.00E+00	5.01E+02	1.66E-05	3.58E-04	3.85E-03	5.38E-04	1.92E+00	6.19E-09	4.04E-08	4.67E+00	4.71E-02	7.28E-04	4.39E-03	9.79E-03	1.51E-01	8.84E+00	1.30E+00	7.11E-08	3.02E-08	1.40E-03	6.27E-05	4.86E-01	2.52E-01	1.01E+01	2.18E-05	1.01E+01	1.09E+01	7.38E-01	0.00E+00	0.00E+00	0.00E+00	4.20E-01
WH20596204A	8.69E-03	1.09E+00	-1.73E-01	1.09E+00	6.37E-06	0.00E+00	3.45E+03	3.85E-05	9.46E-04	1.01E-02	1.68E-03	2.94E+00	2.95E-08	6.59E-08	7.21E+00	1.31E-01	2.28E-03	9.54E-03	1.80E-02	4.40E-01	2.01E+01	4.32E+00	1.11E-07	6.80E-08	3.78E-03	1.57E-04	1.48E+00	2.28E+00	2.50E+01	5.13E-05	2.51E+01	2.68E+01	2.32E+00	0.00E+00	0.00E+00	3.90E-10	7.22E-01
WH20596205A	8.69E-03	1.09E+00	-1.73E-01	1.09E+00	6.37E-06	0.00E+00	3.45E+03	3.85E-05	9.46E-04	1.01E-02	1.68E-03	2.94E+00	2.95E-08	6.59E-08	7.21E+00	1.31E-01	2.28E-03	9.54E-03	1.80E-02	4.40E-01	2.01E+01	4.32E+00	1.11E-07	6.80E-08	3.78E-03	1.57E-04	1.48E+00	2.28E+00	2.50E+01	5.13E-05	2.51E+01	2.68E+01	2.32E+00	0.00E+00	0.00E+00	3.90E-10	7.22E-01
WH20596205B	8.70E-03	1.09E+00	-1.81E-01	1.08E+00	6.37E-06	0.00E+00	3.45E+03	3.76E-05	9.38E-04	1.01E-02	1.69E-03	2.96E+00	2.97E-08	6.58E-08	7.21E+00	1.15E-01	2.28E-03	9.90E-03	1.80E-02	4.42E-01	2.01E+01	4.32E+00	1.25E-07	6.98E-08	3.78E-03	1.72E-04	1.52E+00	2.44E+00	2.50E+01	5.22E-05	2.50E+01	2.68E+01	2.43E+00	0.00E+00	0.00E+00	3.90E-10	7.20E-01
WH20596206A	8.69E-03	1.09E+00	-1.73E-01	1.09E+00	6.37E-06	0.00E+00	3.45E+03	3.85E-05	9.46E-04	1.01E-02	1.68E-03	2.94E+00	2.95E-08	6.59E-08	7.21E+00	1.31E-01	2.28E-03	9.54E-03	1.80E-02	4.40E-01	2.01E+01	4.32E+00	1.11E-07	6.80E-08	3.78E-03	1.57E-04	1.48E+00	2.28E+00	2.50E+01	5.13E-05	2.51E+01	2.68E+01	2.32E+00	0.00E+00	0.00E+00	3.90E-10	7.22E-01
WH20596207A	8.69E-03	1.09E+00	-1.73E-01	1.09E+00	6.37E-06	0.00E+00	3.45E+03	3.85E-05	9.46E-04	1.01E-02	1.68E-03	2.94E+00	2.95E-08	6.59E-08	7.21E+00	1.31E-01	2.28E-03	9.54E-03	1.80E-02	4.40E-01	2.01E+01	4.32E+00	1.11E-07	6.80E-08	3.78E-03	1.57E-04	1.48E+00	2.28E+00	2.50E+01	5.13E-05	2.51E+01	2.68E+01	2.32E+00	0.00E+00	0.00E+00	3.90E-10	7.22E-01
WH20600700A	5.00E-02	7.81E+00	9.96E-03	7.80E+00	1.66E-08	0.00E+00	6.28E+02	5.04E-05	5.12E-03	5.40E-02	8.77E-04	3.49E+00	5.71E-09	1.40E-07	6.61E+00	1.09E-01	1.19E-03	8.13E-03	4.35E-02	1.83E+00	9.12E+01	1.71E+00	9.91E-07	2.92E-07	1.82E-02	8.22E-04	4.22E+00	1.55E-01	9.30E+01	1.43E-04	9.30E+01	9.73E+01	4.37E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+00
WH20620100A	2.80E-03	1.90E-01	3.30E-03	1.90E-01	5.77E-06	0.00E+00	5.04E+02	2.96E-05	1.22E-04	1.52E-03	1.90E-04	2.16E+00	8.44E-09	4.57E-08	4.78E+00	7.30E-02	2.91E-04	4.08E-03	9.29E-03	1.12E-01	4.30E+00	6.29E-01	4.00E-07	1.99E-08	4.39E-04	1.14E-04	4.67E-01	7.99E-02	4.40E+00	2.78E-05	4.38E+00	4.53E+00	3.65E-01	0.00E+00	0.00E+00	3.90E-10	3.94E-01
WH20620107A	2.75E-03	1.90E-01	3.30E-03	1.91E-01	6.36E-06	0.00E+00	4.34E+02	2.02E-05	1.20E-04	1.47E-03	1.88E-04	2.21E+00	7.71E-09	3.77E-08	4.77E+00	4.29E-02	2.89E-04	2.34E-03	9.54E-03	8.23E-02	4.17E+00	6.34E-01	3.72E-07	1.83E-08	4.41E-04	4.74E-05	4.20E-01	7.74E-02	4.28E+00	2.58E-05	4.28E+00	4.42E+00	3.69E-01	0.00E+00	0.00E+00	3.90E-10	3.91E-01
WH20620300A	4.63E-03	4.00E-01	-5.56E-03	4.06E-01	3.68E-06	0.00E+00	4.12E+02	5.77E-06	3.34E-04	3.54E-03	5.35E-04	1.96E+00	9.94E-09	3.95E-08	4.69E+00	1.29E-02	7.25E-04	1.98E-03	1.04E-02	1.62E-01	7.82E+00	1.18E+00	7.49E-08	2.94E-08	1.35E-03	7.51E-05	2.94E-01	2.59E-01	9.00E+00	2.17E-05	9.00E+00	9.56E+00	5.52E-01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
WH20620300B	2.77E-03	1.90E-01	3.27E-03	1.88E-01	5.40E-06	0.00E+00	5.04E+02	2.83E-05	1.22E-04	1.49E-03	1.90E-04	2.13E+00	8.50E-09	4.49E-08	4.85E+00	6.80E-02	2.91E-04	5.72E-03	9.38E-03	1.18E-01	4.37E+00	6.26E-01	1.32E-07	4.13E-08	4.35E-04	1.21E-04	7.28E-01	8.33E-02	4.39E+00	2.80E-05	4.37E+00	4.55E+00	8.97E-01	0.00E+00	0.00E+00	3.90E-10	3.92E-01
WH20620303A	2.71E-03	1.90E-01	3.28E-03	1.89E-01	5.67E-06	0.00E+00	4.34E+02	1.95E-05	1.20E-04	1.44E-03	1.88E-04	1.97E+00	7.70E-09	3.70E-08	4.75E+00	3.98E-02	2.89E-04	2.34E-03	9.54E-03	8.01E-02	4.12E+00	6.32E-01	1.17E-07	1.83E-08	4.40E-04	4.73E-05	4.10E-01	7.84E-02	4.26E+00	2.43E-05	4.26E+00	4.41E+00	3.66E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01
WH20620303B	2.72E-03	1.90E-01	3.26E-03	1.89E-01	5.66E-06	0.00E+00	4.34E+02	1.93E-05	1.20E-04	1.44E-03	1.88E-04	2.18E+00	7.79E-09	3.71E-08	4.84E+00	4.48E-02	2.89E-04	4.46E-03	9.65E-03	9.15E-02	4.24E+00	6.31E-01	1.07E-07	4.18E-08	4.36E-04	5.74E-05	6.77E-01	8.07E-02	4.27E+00	2.73E-05	4.27E+00	4.44E+00	7.46E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01
WH20620304A	2.71E-03	1.90E-01	3.28E-03	1.89E-01	5.67E-06	0.00E+00	4.34E+02	1.95E-05	1.20E-04	1.44E-03	1.88E-04	1.97E+00	7.70E-09	3.70E-08	4.75E+00	3.98E-02	2.89E-04	2.34E-03	9.54E-03	8.01E-02	4.12E+00	6.32E-01	1.17E-07	1.83E-08	4.40E-04	4.73E-05	4.10E-01	7.84E-02	4.26E+00	2.43E-05	4.26E+00	4.41E+00	3.66E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01
WH20620304B	2.72E-03	1.90E-01	3.26E-03	1.89E-01	5.66E-06	0.00E+00	4.34E+02	1.93E-05	1.20E-04	1.44E-03	1.88E-04	2.18E+00	7.79E-09	3.71E-08	4.84E+00	4.48E-02	2.89E-04	4.46E-03	9.65E-03	9.15E-02	4.24E+00	6.31E-01	1.07E-07	4.18E-08	4.36E-04	5.74E-05	6.77E-01	8.07E-02	4.27E+00	2.73E-05	4.27E+00	4.44E+00	7.46E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01
WH20620305A	4.57E-03	3.99E-01	4.18E-03	3.95E-01	3.68E-06	0.00E+00	4.11E+02	5.63E-06	3.19E-04	3.42E-03	4.79E-04	1.95E+00	8.78E-09	3.95E-08	4.56E+00	1.29E-02	6.47E-04	1.91E-03	1.03E-02	1.56E-01	7.66E+00	1.20E+00	7.42E-08	2.90E-08	1.31E-03	7.26E-05	3.20E-01	1.33E-01	8.86E+00	2.17E-05	8.86E+00	9.32E+00	4.53E-01	0.00E+00	0.00E+00	0.00E+00	4.41E-01
WH20620305B	2.72E-03	1.90E-01	3.26E-03	1.89E-01	5.66E-06	0.00E+00	4.34E+02	1.93E-05	1.20E-04	1.44E-03	1.88E-04	2.18E+00	7.79E-09	3.71E-08	4.84E+00	4.48E-02	2.89E-04	4.46E-03	9.65E-03	9.15E-02	4.24E+00	6.31E-01	1.07E-07	4.18E-08	4.36E-04	5.74E-05	6.77E-01	8.07E-02	4.27E+00	2.73E-05	4.27E+00	4.44E+00	7.46E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01

WH20620306A	5.48E-03	4.80E-01	-3.43E-03	4.95E-01	3.79E-06	0.00E+00	4.34E+02	2.41E-05	4.04E-04	4.24E-03	6.27E-04	2.11E+00	9.93E-09	4.13E-08	4.82E+00	5.62E-02	8.52E-04	4.60E-03	1.24E-02	2.06E-01	8.58E+00	1.49E+00	8.09E-08	3.54E-08	1.65E-03	9.30E-05	6.04E-01	2.23E-01	1.01E+01	2.54E-05	1.01E+01	1.08E+01	8.22E-01	0.00E+00	0.00E+00	3.90E-10	5.43E-01
WH20620306B	5.52E-03	4.81E-01	-5.12E-03	4.96E-01	3.76E-06	0.00E+00	4.35E+02	2.36E-05	4.06E-04	4.26E-03	6.27E-04	2.31E+00	9.87E-09	4.15E-08	4.90E+00	6.17E-02	8.52E-04	6.13E-03	1.24E-02	2.14E-01	8.58E+00	1.48E+00	1.02E-07	4.72E-08	1.66E-03	9.56E-05	8.71E-01	2.23E-01	1.02E+01	2.88E-05	1.02E+01	1.09E+01	1.51E+00	0.00E+00	0.00E+00	3.90E-10	5.46E-01
WH20620307A	2.71E-03	1.90E-01	3.28E-03	1.89E-01	5.67E-06	0.00E+00	4.34E+02	1.95E-05	1.20E-04	1.44E-03	1.88E-04	1.97E+00	7.70E-09	3.70E-08	4.75E+00	3.98E-02	2.89E-04	2.34E-03	9.54E-03	8.01E-02	4.12E+00	6.32E-01	1.17E-07	1.83E-08	4.40E-04	4.73E-05	4.10E-01	7.84E-02	4.26E+00	2.43E-05	4.26E+00	4.41E+00	3.66E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01
WH20620309A	2.71E-03	1.90E-01	3.28E-03	1.89E-01	5.67E-06	0.00E+00	4.34E+02	1.95E-05	1.20E-04	1.44E-03	1.88E-04	1.97E+00	7.70E-09	3.70E-08	4.75E+00	3.98E-02	2.89E-04	2.34E-03	9.54E-03	8.01E-02	4.12E+00	6.32E-01	1.17E-07	1.83E-08	4.40E-04	4.73E-05	4.10E-01	7.84E-02	4.26E+00	2.43E-05	4.26E+00	4.41E+00	3.66E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01
WH20620309B	2.72E-03	1.90E-01	3.26E-03	1.89E-01	5.66E-06	0.00E+00	4.34E+02	1.93E-05	1.20E-04	1.44E-03	1.88E-04	2.18E+00	7.79E-09	3.71E-08	4.84E+00	4.48E-02	2.89E-04	4.46E-03	9.65E-03	9.15E-02	4.24E+00	6.31E-01	1.07E-07	4.18E-08	4.36E-04	5.74E-05	6.77E-01	8.07E-02	4.27E+00	2.73E-05	4.27E+00	4.44E+00	7.46E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01
WH20620700A	5.12E-03	4.33E-01	-4.42E-03	4.38E-01	4.77E-06	0.00E+00	4.28E+02	2.72E-05	3.70E-04	4.07E-03	5.50E-04	2.15E+00	1.03E-08	4.49E-08	5.31E+00	7.94E-02	7.44E-04	4.23E-03	1.17E-02	1.84E-01	9.47E+00	1.22E+00	7.71E-08	3.37E-08	1.47E-03	7.81E-05	1.24E+00	2.60E-01	1.07E+01	2.46E-05	1.07E+01	1.22E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-01
WH20620700B	5.41E-03	4.99E-01	5.30E-03	4.94E-01	4.77E-06	0.00E+00	4.28E+02	2.72E-05	3.93E-04	4.35E-03	5.67E-04	2.73E+00	9.15E-09	4.61E-08	5.18E+00	7.98E-02	7.68E-04	6.91E-03	1.23E-02	2.04E-01	1.07E+01	1.22E+00	9.40E-08	4.76E-08	1.60E-03	8.89E-05	1.27E+00	1.42E-01	1.19E+01	3.26E-05	1.19E+01	1.33E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-01
WH20620703A	2.72E-03	1.90E-01	3.28E-03	1.89E-01	5.83E-06	0.00E+00	4.40E+02	2.03E-05	1.20E-04	1.44E-03	1.88E-04	2.01E+00	7.71E-09	3.81E-08	5.00E+00	4.52E-02	2.89E-04	2.43E-03	9.69E-03	8.01E-02	4.13E+00	6.32E-01	1.17E-07	1.84E-08	4.40E-04	4.73E-05	4.88E-01	7.84E-02	4.26E+00	2.54E-05	4.26E+00	4.41E+00	4.27E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01
WH20620704A	2.72E-03	1.90E-01	3.28E-03	1.89E-01	5.83E-06	0.00E+00	4.40E+02	2.03E-05	1.20E-04	1.44E-03	1.88E-04	2.01E+00	7.71E-09	3.81E-08	5.00E+00	4.52E-02	2.89E-04	2.43E-03	9.69E-03	8.01E-02	4.13E+00	6.32E-01	1.17E-07	1.84E-08	4.40E-04	4.73E-05	4.88E-01	7.84E-02	4.26E+00	2.54E-05	4.26E+00	4.41E+00	4.27E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01
WH20620705A	2.72E-03	1.90E-01	3.28E-03	1.89E-01	5.83E-06	0.00E+00	4.40E+02	2.03E-05	1.20E-04	1.44E-03	1.88E-04	2.01E+00	7.71E-09	3.81E-08	5.00E+00	4.52E-02	2.89E-04	2.43E-03	9.69E-03	8.01E-02	4.13E+00	6.32E-01	1.17E-07	1.84E-08	4.40E-04	4.73E-05	4.88E-01	7.84E-02	4.26E+00	2.54E-05	4.26E+00	4.41E+00	4.27E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01
WH20620705B	2.73E-03	1.90E-01	3.26E-03	1.89E-01	5.82E-06	0.00E+00	4.40E+02	2.01E-05	1.20E-04	1.44E-03	1.88E-04	2.23E+00	7.81E-09	3.82E-08	5.02E+00	4.93E-02	2.89E-04	4.50E-03	9.80E-03	9.15E-02	4.24E+00	6.31E-01	1.07E-07	4.20E-08	4.36E-04	5.74E-05	7.30E-01	8.07E-02	4.27E+00	2.84E-05	4.27E+00	4.45E+00	7.82E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01
WH20620707A	2.72E-03	1.90E-01	3.28E-03	1.89E-01	5.83E-06	0.00E+00	4.40E+02	2.03E-05	1.20E-04	1.44E-03	1.88E-04	2.01E+00	7.71E-09	3.81E-08	5.00E+00	4.52E-02	2.89E-04	2.43E-03	9.69E-03	8.01E-02	4.13E+00	6.32E-01	1.17E-07	1.84E-08	4.40E-04	4.73E-05	4.88E-01	7.84E-02	4.26E+00	2.54E-05	4.26E+00	4.41E+00	4.27E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01
WH20620709A	2.72E-03	1.90E-01	3.28E-03	1.89E-01	5.83E-06	0.00E+00	4.40E+02	2.03E-05	1.20E-04	1.44E-03	1.88E-04	2.01E+00	7.71E-09	3.81E-08	5.00E+00	4.52E-02	2.89E-04	2.43E-03	9.69E-03	8.01E-02	4.13E+00	6.32E-01	1.17E-07	1.84E-08	4.40E-04	4.73E-05	4.88E-01	7.84E-02	4.26E+00	2.54E-05	4.26E+00	4.41E+00	4.27E-01	0.00E+00	0.00E+00	3.90E-10	3.90E-01
WH20623305B	5.67E-03	4.73E-01	5.91E-03	4.83E-01	5.67E-06	0.00E+00	4.34E+02	2.40E-05	3.96E-04	4.26E-03	5.52E-04	2.39E+00	9.45E-09	4.20E-08	4.89E+00	6.94E-02	7.48E-04	5.93E-03	1.21E-02	1.93E-01	8.34E+00	1.49E+00	9.86E-08	4.71E-08	1.65E-03	9.10E-05	8.99E-01	1.67E-01	9.91E+00	2.93E-05	9.91E+00	1.06E+01	1.47E+00	0.00E+00	0.00E+00	3.90E-10	5.28E-01
WH20623306B	6.20E-03	6.53E-01	-4.54E-02	6.86E-01	5.58E-06	0.00E+00	4.30E+02	3.15E-05	5.35E-04	6.01E-03	7.82E-04	2.51E+00	1.22E-08	4.54E-08	4.89E+00	7.52E-02	1.14E-03	6.82E-03	1.42E-02	2.73E-01	1.36E+01	1.96E+00	1.14E-07	5.18E-08	2.08E-03	1.23E-04	1.19E+00	1.63E+00	1.64E+01	5.42E-05	1.64E+01	1.81E+01	1.99E+00	0.00E+00	0.00E+00	3.90E-10	6.49E-01
WH20625300A	4.63E-03	4.00E-01	-5.56E-03	4.06E-01	3.68E-06	0.00E+00	4.12E+02	5.77E-06	3.34E-04	3.55E-03	5.35E-04	1.96E+00	9.94E-09	3.95E-08	4.69E+00	1.29E-02	7.25E-04	1.98E-03	1.04E-02	1.62E-01	7.83E+00	1.18E+00	7.49E-08	2.94E-08	1.35E-03	7.51E-05	2.98E-01	2.59E-01	9.01E+00	2.17E-05	9.01E+00	9.57E+00	5.56E-01	0.00E+00	0.00E+00	0.00E+00	4.48E-01
WH20625300B	5.18E-03	4.72E-01	-2.21E-02	4.95E-01	3.61E-06	0.00E+00	3.99E+02	2.47E-05	4.15E-04	4.48E-03	7.01E-04	2.54E+00	1.22E-08	4.22E-08	4.84E+00	6.92E-02	9.49E-04	6.61E-03	1.15E-02	2.11E-01	1.03E+01	1.17E+00	9.36E-08	4.59E-08	1.61E-03	9.41E-05	1.13E+00	5.05E-01	1.15E+01	3.04E-05	1.15E+01	1.31E+01	1.63E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-01
WH20625303A	2.76E-03	1.88E-01	3.30E-03	1.85E-01	5.67E-06	0.00E+00	4.34E+02	1.90E-05	1.18E-04	1.35E-03	1.88E-04	1.98E+00	7.70E-09	3.71E-08	4.75E+00	3.89E-02	2.89E-04	2.28E-03	9.53E-03	7.98E-02	4.11E+00	6.33E-01	1.17E-07	1.88E-08	4.41E-04	4.70E-05	4.01E-01	7.52E-02	4.25E+00	2.45E-05	4.25E+00	4.40E+00	3.12E-01	0.00E+00	0.00E+00	3.90E-10	3.92E-01
WH20625303B	2.77E-03	1.88E-01	3.27E-03	1.85E-01	5.66E-06	0.00E+00	4.34E+02	1.91E-05	1.18E-04	1.35E-03	1.88E-04	2.19E+00	7.79E-09	3.73E-08	4.84E+00	4.45E-02	2.89E-04	4.45E-03	9.64E-03	9.13E-02	4.23E+00	6.32E-01	1.06E-07	4.23E-08	4.37E-04	5.74E-05	6.53E-01	7.72E-02	4.27E+00	2.76E-05	4.27E+00	4.43E+00	6.57E-01	0.00E+00	0.00E+00	3.90E-10	3.92E-01
WH20625304A	2.76E-03	1.88E-01	3.30E-03	1.85E-01	5.67E-06	0.00E+00	4.34E+02	1.90E-05	1.18E-04	1.35E-03	1.88E-04	1.98E+00	7.70E-09	3.71E-08	4.75E+00	3.89E-02	2.89E-04	2.28E-03	9.53E-03	7.98E-02	4.11E+00	6.33E-01	1.17E-07	1.88E-08	4.41E-04	4.70E-05	4.01E-01	7.52E-02	4.25E+00	2.45E-05	4.25E+00	4.40E+00	3.12E-01	0.00E+00	0.00E+00	3.90E-10	3.92E-01
WH20625305A	2.76E-03	1.88E-01	3.30E-03	1.85E-01	5.67E-06	0.00E+00	4.34E+02	1.90E-05	1.18E-04	1.35E-03	1.88E-04	1.98E+00	7.70E-09	3.71E-08	4.75E+00	3.89E-02	2.89E-04	2.28E-03	9.53E-03	7.98E-02	4.11E+00	6.33E-01	1.17E-07	1.88E-08	4.41E-04	4.70E-05	4.01E-01	7.52E-02	4.25E+00	2.45E-05	4.25E+00	4.40E+00	3.12E-01	0.00E+00	0.00E+00	3.90E-10	3.92E-01
WH20625305B	2.77E-03	1.88E-01	3.27E-03	1.85E-01	5.66E-06	0.00E+00	4.34E+02	1.91E-05	1.18E-04	1.35E-03	1.88E-04	2.19E+00	7.79E-09	3.73E-08	4.84E+00	4.45E-02	2.89E-04	4.45E-03	9.64E-03	9.13E-02	4.23E+00	6.32E-01	1.06E-07	4.23E-08	4.37E-04	5.74E-05	6.53E-01	7.72E-02	4.27E+00	2.76E-05	4.27E+00	4.43E+00	6.57E-01	0.00E+00	0.00E+00	3.90E-10	3.92E-01
WH20625306A	6.15E-03	6.73E-01	8.83E-03	6.88E-01	3.98E-06	0.00E+00	4.34E+02	2.71E-05	5.51E-04	6.08E-03	8.51E-04	2.16E+00	9.96E-09	4.26E-08	4.87E+00	7.05E-02	1.15E-03	6.07E-03	1.42E-02	2.67E-01	1.35E+01	2.00E+00	8.14E-08	4.04E-08	2.13E-03	1.14E-04	9.47E-01	2.17E-01	1.64E+01	2.63E-05	1.64E+01	1.81E+01	1.28E+00	0.00E+00	0.00E+00	3.90E-10	6.57E-01
WH20625306B	2.77E-03	1.88E-01	3.27E-03	1.85E-01	5.66E-06	0.00E+00	4.34E+02	1.91E-05	1.18E-04	1.35E-03	1.88E-04	2.19E+00	7.79E-09	3.73E-08	4.84E+00	4.45E-02	2.89E-04	4.45E-03	9.64E-03	9.13E-02	4.23E+00	6.32E-01	1.06E-07	4.23E-08	4.37E-04	5.74E-05	6.53E-01	7.72E-02	4.27E+00	2.76E-05	4.27E+00	4.43E+00	6.57E-01	0.00E+00	0.00E+00	3.90E-10	3.92E-01
WH20625307A	2.76E-03	1.88E-01	3.30E-03	1.85E-01	5.67E-06	0.00E+00	4.34E+02	1.90E-05	1.18E-04	1.35E-03	1.88E-04	1.98E+00	7.70E-09	3.71E-08	4.75E+00	3.89E-02	2.89E-04	2.28E-03	9.53E-03	7.98E-02	4.11E+00	6.33E-01	1.17E-07	1.88E-08	4.41E-04	4.70E-05	4.01E-01	7.52E-02	4.25E+00	2.45E-05	4.25E+00	4.40E+00	3.12E-01	0.00E+00	0.00E+00	3.90E-10	3.92E-01
WH20625309A	2.76E-03	1.88E-01	3.30E-03	1.85E-01	5.67E-06	0.00E+00	4.34E+02	1.90E-05	1.18E-04	1.35E-03	1.88E-04	1.98E+00	7.70E-09	3.71E-08	4.75E+00	3.89E-02	2.89E-04	2.28E-03	9.53E-03	7.98E-02	4.11E+00	6.33E-01	1.17E-07	1.88E-08	4.41E-04	4.70E-05	4.01E-01	7.52E-02	4.25E+00	2.45E-05	4.25E+00	4.40E+00	3.12E-01	0.00E+00	0.00E+00	3.90E-10	3.92E-01
WH20625700A	4.82E-03	3.99E-01	4.41E-03	4.03E-01	1.55E-05	0.00E+00	4.35E+02	2.90E-05	2.98E-04	3.22E-03	4.77E-04	2.07E+00	9.41E-09	4.43E-08	5.03E+00	6.93E-02	6.44E-04	3.58E-03	1.04E-02	1.66E-01	7.82E+00	1.13E+00	7.47E-08	3.02E-08	1.23E-03	7.23E-05	5.62E-01	1.46E-01	9.05E+00	2.87E-05	9.05E+00	9.89E+00	7.86E-01	0.00E+00	0.00E+00	3.90E-10	4.43E-01
WH20625700B	5.20E-03	4.60E-01	5.89E-03	4.72E-01	4.35E-06	0.00E+00	4.34E+02	2.56E-05	3.94E-04	4.22E-03	5.49E-04	2.29E+00	9.61E-09	4.44E-08	5.21E+00	8.14E-02	7.41E-04	6.23E-03	1.19E-02	1.85E-01	9.00E+00	1.33E+00	1.01E-07	4.78E-08	1.56E-03	8.93E-05	9.39E-01	1.75E-01	1.02E+01	3.14E-05	1.02E+01	1.16E+01	1.78E+00	0.00E+00	0.00E+00	3.90E-10	5.24E-01
WH20625704A	4.85E-03	3.97E-01	4.41E-03	3.99E-01	1.54E-05	0.00E+00	4.40E+02	2.13E-05	2.98E-04	3.22E-03	4.78E-04	2.10E+00	9.29E-09	4.40E-08	5.04E+00	4.45E-02	6.44E-04	2.72E-03	1.06E-02	1.64E-01	7.86E+00	1.12E+00	7.42E-08	3.01E-08	1.23E-03	7.26E-05	5.55E-01	1.37E-01	9.01E+00	2.56E-05	9.01E+00	9.76E+00	8.06E-01	0.00E+00	0.00E+00	3.90E-10	4.47E-01
WH20625705A	4.85E-03	3.97E-01	4.41E-03	3.99E-01	1.54E-05	0.00E+00	4.40E+02	2.13E-05	2.98E-04	3.22E-03	4.78E-04	2.10E+00	9.29E-09	4.40E-08	5.04E+00	4.45E-02	6.44E-04	2.72E-03	1.06E-02	1.64E-01	7.86E+00	1.12E+00	7.42E-08	3.01E-08	1.23E-03	7.26E-05	5.55E-01	1.37E-01	9.01E+00	2.56E-05	9.01E+00	9.76E+00	8.06E-01	0.00E+00	0.00E+00	3.90E-10	4.47E-01
WH20625705B	5.21E-03	4.63E-01	5.89E-03	4.70E-01	4.50E-06	0.00E+00	4.40E+02	2.65E-05	3.93E-04	4.19E-03	5.51E-04	2.33E+00	9.50E-09	4.42E-08	5.21E+00	6.77E-02	7.43E-04	6.23E-03	1.21E-02	1.91E-01	9.00E+00	1.34E+00	9.69E-08	4.70E-08	1.56E-03	9.04E-05	9.10E-01	1.62E-01	1.03E+01	2.93E-05	1.03E+01	1.16E+01	1.41E+00	0.00E+00	0.00E+00	3.90E-10	5.20E-01
WH20625709B	5.21E-03	4.63E-01	5.89E-03	4.70E-01	4.50E-06	0.00E+00	4.40E+02	2.65E-05	3.93E-04	4.19E-03	5.51E-04	2.33E+00	9.50E-09	4.42E-08	5.21E+00	6.77E-02	7.43E-04	6.23E-03	1.21E-02	1.91E-01	9.00E+00	1.34E+00	9.69E-08	4.70E-08	1.56E-03	9.04E-05	9.10E-01	1.62E-01	1.03E+01	2.93E-05	1.03E+01	1.16E+01	1.41E+00	0.00E+00	0.00E+00	3.90E-10	5.20E-01
WH20640100A	6.38E-03	6.45E-01	5.97E-03	6.39E-01	3.76E-06	0.00E+00	6.51E+02	3.27E-05	4.54E-04	4.88E-03	6.25E-04	2.69E+00	1.08E-08	5.77E-08	6.09E+00	8.70E-02	8.45E-04	4.76E-03	1.33E-02	2.06E-01	9.13E+00	1.62E+00	1.25E-06	3.91E-08	1.87E-03	8.61E-05	4.50E-01	1.51E-01	1.08E+01	3.05E-05	1.08E+01	1.14E+01	6.01E-01	0.00E+00	0.00E+00	0.00E+00	5.73E-01
WH20640107A	2.77E-03	1.90E-01	3.30E-03	1.89E-01	5.77E-06	0.00E+00	6.41E+02	2.61E-05	1.19E-04	1.44E-03	1.87E-04	2.67E+00	7.95E-09	5.61E-08	6.02E+00	6.65E-02	2.89E-04	3.30E-03	1.04E-02	8.22E-02	4.46E+00	6.33E-01	3.73E-07	1.87E-08	5.07E-04	4.77E-05	3.99E-01	7.48E-02	4.63E+00	3.06E-05	4.63E+00	4.79E+00	3.67E-01	0.00E+00	0.00E+00	3.90E-10	4.10E-01
WH20640300A	5.91E-03	5.06E-01	-4.52E-03	5.10E-01	3.68E-06	0.00E+00	6.36E+02	8.27E-06	4.08E-04	4.32E-03	6.21E-04	2.66E+00	7.30E-09	5.42E-08	6.08E+00	1.34E-02	8.40E-04	2.08E-03	1.25E-02	1.90E-01	8.06E+00	1.49E+00	8.40E-08	3.60E-08	1.64E-03	8.63E-05	1.86E-01	2.70E-01	9.54E+00	2.92E-05	9.54E+00	1.00E+01	4.56E-01	0.00E+00	0.00E+00	0.00E+00	5.39E-01
WH20640300B	6.40E-03	5.74E-01	-1.08E-02	5.84E-01	3.61E-06	0.00E+00	6.37E+02	3.27E-05	4.62E-04	4.92E-03	7.39E-04	3.33E+00	1.27E-08	5.79E-08	6.14E+00	8.67E-02	1.00E-03	7.81E-03	1.37E-02	2.18E-01	9.29E+00	1.47E+00	1.02E-07	5.22E-08	1.84E-03	1.01E-04	2.20E-01	3.68E-01	1.08E+01	3.92E-05	1.08E+01	1.14E+01	5.88E-01	0.00E+00	0.00E+00	0.00E+00	5.86E-01
WH20640303A	6.01E-03	5.04E-01	-3.66E-03	5.07E-01	3.61E-06	0.00E+00	6.37E+02	3.24E-05	4.14E-04	4.40E-03	6.23E-04	2.69E+00	1.18E-08	5.65E-08	6.13E+00	8.62E-02	8.44E-04	4.76E-03	1.29E-02	1.88E-01	7.72E+00	1.51E+00	8.42E-08	3.64E-08	1.65E-03	8.61E-05	2.17E-01	2.70E-01	9.23E+00	3.04E-05	9.23E+00	9.72E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	5.56E-01
WH20640303B	2.85E-03	1.90E-01	3.54E-03	1.89E-01	5.56E-06	0.00E+00	6.35E+02	2.57E-05	1.20E-04	1.44E-03	1.88E-04	3.29E+00	8.04E-09	5.65E-08	6.04E+00	7.58E-02	2.89E-04	6.03E-03	1.05E-02	9.15E-02	4.24E+00	6.31E-01	1.06E-07	4.89E-08	4.36E-04	5.90E-05	5.96E-01	7.77E-02	4.26E+00	3.83E-05	4.26E+00	4.44E+00	6.26E-01	0.00E+00	0.00E+00	3.90E-10	4.13E-01
WH20640304A	5.93E-03	5.01E-01	6.11E-03	4.94E-01	3.61E-06	0.00E+00	6.36E+02	3.22E-05	3.96E-04	4.25E-03	5.59E-04	2.69E+00	1.06E-08	5.65E-08	6.00E+00	8.62E-02	7.58E-04	4.68E-03	1.28E-02	1.80E-01	7.54E+00	1.49E+00	8.19E-08	3.60E-08	1.61E-03	8.22E-05	2.43E-01	1.41E-01	9.03E+00	3.04E-05	9.03E+00	9.41E+00	3.84E-01	0.00E+00	0.00E+00	0.00E+00	5.48E-01
WH20640304B	2.85E-03	1.90E-01	3.54E-03	1.89E-01	5.56E-06	0.00E+00	6.35E+02	2.57E-05	1.20E-04	1.44E-03	1.88E-04	3.29E+00	8.04E-09	5.65E-08	6.04E+00	7.58E-02	2.89E-04	6.03E-03	1.05E-02	9.15E-02	4.24E+00	6.31E-01	1.06E-07	4.89E-08	4.36E-04	5.90E-05	5.96E-01	7.77E-02	4.26E+00	3.83E-05	4.26E+00	4.44E+00	6.26E-01	0.00E+00	0.00E+00	3.90E-10	4.13E-01
WH20640305A	5.89E-03	5.03E-01	-4.52E-03	5.08E-01	3.68E-06	0.00E+00	6.36E+02	8.27E-06	4.08E-04	4.31E-03	6.21E-04	2.66E+00	7.30E-09	5.41E-08	6.08E+00	1.34E-02	8.40E-04	2.08E-03	1.24E-02	1.89E-01	8.00E+00	1.51E+00	8.36E-08	3.59E-08	1.63E-03	8.61E-05	1.86E-01	2.70E-01	9.52E+00	2.92E-05	9.52E+00	9.97E+00	4.56E-01	0.00E+00	0.00E+00	0.00E+00	5.34E-01
WH20640305B	6.39E-03	5.68E-01	-1.08E-02	5.79E-01	3.61E-06	0.00E+00	6.13E+02	3.23E-05	4.60E-04	4.89E-03	7.39E-04	3.33E+00	1.26E-08	5.77E-08	6.13E+00	8.66E-02	1.00E-03	7.81E-03	1.32E-02	2.17E-01	9.23E+00	1.47E+00	1.02E-07	5.20E-08	1.83E-03	1.01E-04	2.07E-01	3.68E-01	1.07E+01	3.93E-05	1.07E+01	1.13E+01	5.75E-01	0.00E+00	0.00E+00	0.00E+00	5.68E-01
WH20640306A	6.01E-03	5.01E-01	-3.24E-03	5.01E-01	3.62E-06	0.00E+00	6.36E+02	2.84E-05	4.12E-04	4.30E-03	6.27E-04	2.72E+00	1.08E-08	5.71E-08	6.12E+00	5.34E-02	8.52E-04	4.70E-03	1.32E-02	1.99E-01	8.50E+00	1.48E+00	8.35E-08	3.71E-08	1.69E-03	9.23E-05	3.41E-01	2.19E-01	9.84E+00	3.07E-05	9.84E+00	1.04E+01	6.44E-01	0.00E+00	0.00E+00	3.90E-10	5.59E-01
WH20640306B	6.35E-03	5.07E-01	-5.27E-03	5.04E-01	3.62E-06	0.00E+00	6.36E+02	2.87E-05	4.24E-04	4.32E-03	6.27E-04	3.31E+00	1.09E-08	5.76E-08	6.14E+00	7.69E-02	8.52E-04	7.25E-03	1.34E-02	2.07E-01	8.51E+00	1.48E+00	1.03E-07	5.17E-08	1.71E-03	9.62E-05	6.19E-01	2.18E-01	9.94E+00	3.81E-05	9.94E+00	1.06E+01	1.16E+00	0.00E+00	0.00E+00	3.90E-10	5.68E-01
WH20640307A	2.77E-03	1.90E-01	3.53E-03	1.89E-01	5.57E-06	0.00E+00	6.36E+02	2.54E-05	1.20E-04	1.44E-03	1.88E-04	2.67E+00	7.94E-09	5.60E-08	6.02E+00	6.61E-02	2.89E-04	3.35E-03	1.03E-02	8.00E-02	4.13E+00	6.31E-01	1.18E-07	1.86E-08	4.40E-04	4.72E-05	3.77E-01	7.59E-02	4.26E+00	3.07E-05	4.26E+00	4.41E+00	3.52E-01	0.00E+00	0.00E+00	3.90E-10	4.07E-01
WH20640307B	2.85E-03	1.90E-01	3.54E-03	1.89E-01	5.56E-06	0.00E+00	6.35E+02	2.57E-05	1.20E-04	1.44E-03	1.88E-04	3.29E+00	8.04E-09	5.65E-08	6.04E+00	7.58E-02	2.89E-04	6.03E-03	1.05E-02	9.15E-02	4.24E+00	6.31E-01	1.06E-07	4.89E-08	4.36E-04	5.90E-05	5.96E-01	7.77E-02	4.26E+00	3.83E-05	4.26E+00	4.44E+00	6.26E-01	0.00E+00	0.00E+00	3.90E-10	4.13E-01
WH20640309A	2.77E-03	1.90E-01	3.53E-03	1.89E-01	5.57E-06	0.00E+00	6.36E+02	2.54E-05	1.20E-04	1.44E-03	1.88E-04	2.67E+00	7.94E-09	5.60E-08	6.02E+00	6.61E-02	2.89E-04	3.35E-03	1.03E-02	8.00E-02	4.13E+00	6.31E-01	1.18E-07	1.86E-08	4.40E-04	4.72E-05	3.77E-01	7.59E-02	4.26E+00	3.07E-05	4.26E+00	4.41E+00	3.52E-01	0.00E+00	0.00E+00	3.90E-10	4.07E-01
WH20640309B	2.85E-03	1.90E-01	3.54E-03	1.89E-01	5.56E-06	0.00E+00	6.35E+02	2.57E-05	1.20E-04	1.44E-03	1.88E-04	3.29E+00	8.04E-09	5.65E-08	6.04E+00	7.58E-02	2.89E-04	6.03E-03	1.05E-02	9.15E-02	4.24E+00	6.31E-01	1.06E-07	4.89E-08	4.36E-04	5.90E-05	5.96E-01	7.77E-02	4.26E+00	3.83E-05	4.26E+00	4.44E+00	6.26E-01	0.00E+00	0.00E+00	3.90E-10	4.13E-01
WH20640700A	6.15E-03	4.68E-01	-4.04E-03	4.72E-01	4.34E-06	0.00E+00	4.82E+02	6.58E-06	3.89E-04	4.14E-03	6.34E-04	2.87E+00	1.11E-08	5.70E-08	6.68E+00	1.56E-02	8.58E-04	2.55E-03	1.31E-02	1.90E-01	8.64E+00	1.31E+00	8.36E-08	3.82E-08	1.62E-03	8.78E-05	3.02E-01	2.71E-01	9.95E+00	3.18E-05	9.95E+00	1.05E+01	5.73E-01	0.00E+00	0.00E+00	0.00E+00	5.64E-01
WH20640700B	6.59E-03	5.33E-01	-1.03E-02	5.44E-01	4.77E-06	0.00E+00	4.85E+02	3.32E-05	4.40E-04	4.70E-03	7.52E-04	3.51E+00	1.20E-08	6.03E-08	6.58E+00	9.73E-02	1.02E-03	8.28E-03	1.42E-02	2.18E-01	9.16E+00	1.30E+00	1.01E-07	5.34E-08	1.81E-03	1.03E-04	2.77E-01	3.69E-01	1.05E+01	4.14E-05	1.05E+01	1.11E+01	6.46E-01	0.00E+00	0.00E+00	0.00E+00	6.11E-01
WH20640703A	2.78E-03	1.90E-01	3.54E-03	1.89E-01	5.83E-06	0.00E+00	4.73E+02	2.57E-05	1.20E-04	1.44E-03	1.88E-04	2.79E+00	7.95E-09	5.79E-08	6.62E+00	6.89E-02	2.89E-04	3.43E-03	1.04E-02	8.01E-02	4.13E+00	6.31E-01	1.17E-07	1.86E-08	4.40E-04	4.71E-05	3.97E-01	7.59E-02	4.26E+00	3.18E-05	4.26E+00	4.41E+00	3.52E-01	0.00E+00	0.00E+00	3.90E-10	4.07E-01
WH20640703B	2.86E-03	1.90E-01	3.56E-03	1.89E-01	5.86E-06	0.00E+00	4.73E+02	2.60E-05	1.20E-04	1.44E-03	1.88E-04	3.44E+00	8.04E-09	5.84E-08	6.63E+00	8.04E-02	2.89E-04	6.23E-03	1.05E-02	9.15E-02	4.24E+00	6.30E-01	1.06E-07	4.88E-08	4.36E-04	5.90E-05	6.27E-01	7.77E-02	4.26E+00	4.02E-05	4.26E+00	4.44E+00	6.09E-01	0.00E+00	0.00E+00	3.90E-10	4.14E-01
WH20640704A	2.78E-03	1.90E-01	3.54E-03	1.89E-01	5.83E-06	0.00E+00	4.73E+02	2.57E-05	1.20E-04	1.44E-03	1.88E-04	2.79E+00	7.95E-09	5.79E-08	6.62E+00	6.89E-02	2.89E-04	3.43E-03	1.04E-02	8.01E-02	4.13E+00	6.31E-01	1.17E-07	1.86E-08	4.40E-04	4.71E-05	3.97E-01	7.59E-02	4.26E+00	3.18E-05	4.26E+00	4.41E+00	3.52E-01	0.00E+00	0.00E+00	3.90E-10	4.07E-01
WH20640704B	2.86E-03	1.90E-01	3.56E-03	1.89E-01	5.86E-06	0.00E+00	4.73E+02	2.60E-05	1.20E-04	1.44E-03	1.88E-04	3.44E+00	8.04E-09	5.84E-08	6.63E+00	8.04E-02	2.89E-04	6.23E-03	1.05E-02	9.15E-02	4.24E+00	6.30E-01	1.06E-07	4.88E-08	4.36E-04	5.90E-05	6.27E-01	7.77E-02	4.26E+00	4.02E-05	4.26E+00	4.44E+00	6.09E-01	0.00E+00	0.00E+00	3.90E-10	4.14E-01
WH20640705A	6.16E-03	4.60E-01	-3.14E-03	4.63E-01	4.77E-06	0.00E+00	4.84E+02	3.29E-05	3.88E-04	4.16E-03	6.28E-04	2.87E+00	1.11E-08	5.89E-08	6.57E+00	9.68E-02	8.50E-04	5.21E-03	1.34E-02	1.85E-01	7.51E+00	1.32E+00	8.17E-08	3.75E-08	1.60E-03	8.63E-05	2.73E-01	2.68E-01	8.83E+00	3.26E-05	8.83E+00	9.37E+00	5.41E-01	0.00E+00	0.00E+00	0.00E+00	5.74E-01
WH20640705B	7.08E-03	6.82E-01	8.99E-03	6.91E-01	4.72E-06	0.00E+00	4.71E+02	3.15E-05	5.53E-04	6.13E-03	8.46E-04	3.47E+00	1.04E-08	6.05E-08	6.66E+00	9.59E-02	1.14E-03	8.18E-03	1.52E-02	2.85E-01	1.36E+01	2.01E+00	1.19E-07	5.84E-08	2.19E-03	1.16E-04	1.26E+00	2.16E-01	1.64E+01	4.08E-05	1.64E+01	1.81E+01	1.83E+00	0.00E+00	0.00E+00	3.90E-10	6.82E-01
WH20640707A	2.78E-03	1.90E-01	3.54E-03	1.89E-01	5.83E-06	0.00E+00	4.73E+02	2.57E-05	1.20E-04	1.44E-03	1.88E-04	2.79E+00	7.95E-09	5.79E-08	6.62E+00	6.89E-02	2.89E-04	3.43E-03	1.04E-02	8.01E-02	4.13E+00	6.31E-01	1.17E-07	1.86E-08	4.40E-04	4.71E-05	3.97E-01	7.59E-02	4.26E+00	3.18E-05	4.26E+00	4.41E+00	3.52E-01	0.00E+00	0.00E+00	3.90E-10	4.07E-01
WH20640707B	2.86E-03	1.90E-01	3.56E-03	1.89E-01	5.86E-06	0.00E+00	4.73E+02	2.60E-05	1.20E-04	1.44E-03	1.88E-04	3.44E+00	8.04E-09	5.84E-08	6.63E+00	8.04E-02	2.89E-04	6.23E-03	1.05E-02	9.15E-02	4.24E+00	6.30E-01	1.06E-07	4.88E-08	4.36E-04	5.90E-05	6.27E-01	7.77E-02	4.26E+00	4.02E-05	4.26E+00	4.44E+00	6.09E-01	0.00E+00	0.00E+00	3.90E-10	4.14E-01
WH20640709A	2.78E-03	1.90E-01	3.54E-03	1.89E-01	5.83E-06	0.00E+00	4.73E+02	2.57E-05	1.20E-04	1.44E-03	1.88E-04	2.79E+00	7.95E-09	5.79E-08	6.62E+00	6.89E-02	2.89E-04	3.43E-03	1.04E-02	8.01E-02	4.13E+00	6.31E-01	1.17E-07	1.86E-08	4.40E-04	4.71E-05	3.97E-01	7.59E-02	4.26E+00	3.18E-05	4.26E+00	4.41E+00	3.52E-01	0.00E+00	0.00E+00	3.90E-10	4.07E-01
WH20640709B	2.86E-03	1.90E-01	3.56E-03	1.89E-01	5.86E-06	0.00E+00	4.73E+02	2.60E-05	1.20E-04	1.44E-03	1.88E-04	3.44E+00	8.04E-09	5.84E-08	6.63E+00	8.04E-02	2.89E-04	6.23E-03	1.05E-02	9.15E-02	4.24E+00	6.30E-01	1.06E-07	4.88E-08	4.36E-04	5.90E-05	6.27E-01	7.77E-02	4.26E+00	4.02E-05	4.26E+00	4.44E+00	6.09E-01	0.00E+00	0.00E+00	3.90E-10	4.14E-01
WH20643300B	6.33E-03	5.49E-01	6.10E-03	5.30E-01	3.61E-06	0.00E+00	6.84E+02	3.29E-05	4.37E-04	4.58E-03	6.63E-04	3.26E+00	1.24E-08	6.13E-08	6.09E+00	8.51E-02	8.87E-04	7.69E-03	1.33E-02	2.56E-01	9.21E+00	1.51E+00	1.11E-07	5.18E-08	1.96E-03	1.57E-04	7.86E-01	2.10E-01	1.06E+01	3.62E-05	1.05E+01	1.12E+01	1.50E+00	0.00E+00	0.00E+00	3.90E-10	5.96E-01
WH20643303B	6.35E-03	5.30E-01	6.05E-03	5.16E-01	3.88E-06	0.00E+00	6.24E+02	2.99E-05	4.35E-04	4.51E-03	6.65E-04	3.31E+00	1.08E-08	5.78E-08	6.14E+00	8.70E-02	8.97E-04	7.26E-03	1.35E-02	2.17E-01	8.74E+00	1.55E+00	1.06E-07	5.16E-08	1.87E-03	9.92E-05	7.46E-01	2.01E-01	1.03E+01	3.87E-05	1.03E+01	1.08E+01	1.18E+00	0.00E+00	0.00E+00	3.90E-10	5.76E-01
WH20643305B	6.35E-03	5.30E-01	6.05E-03	5.16E-01	3.88E-06	0.00E+00	6.24E+02	2.99E-05	4.35E-04	4.51E-03	6.65E-04	3.31E+00	1.08E-08	5.78E-08	6.14E+00	8.70E-02	8.97E-04	7.26E-03	1.35E-02	2.17E-01	8.74E+00	1.55E+00	1.06E-07	5.16E-08	1.87E-03	9.92E-05	7.46E-01	2.01E-01	1.03E+01	3.87E-05	1.03E+01	1.08E+01	1.18E+00	0.00E+00	0.00E+00	3.90E-10	5.76E-01
WH20645300A	5.84E-03	4.96E-01	-4.61E-03	5.00E-01	3.68E-06	0.00E+00	6.36E+02	8.29E-06	4.00E-04	4.24E-03	6.04E-04	2.66E+00	7.28E-09	5.41E-08	6.09E+00	1.34E-02	8.18E-04	2.06E-03	1.22E-02	1.85E-01	7.97E+00	1.44E+00	7.88E-08	3.57E-08	1.61E-03	8.22E-05	2.27E-01	2.60E-01	9.41E+00	2.92E-05	9.41E+00	9.89E+00	4.87E-01	0.00E+00	0.00E+00	0.00E+00	5.23E-01
WH20645300B	6.34E-03	5.77E-01	6.03E-03	5.71E-01	3.61E-06	0.00E+00	6.37E+02	3.28E-05	4.43E-04	4.86E-03	6.32E-04	3.33E+00	1.07E-08	5.79E-08	6.20E+00	8.71E-02	8.56E-04	7.69E-03	1.35E-02	2.15E-01	1.05E+01	1.43E+00	9.84E-08	5.33E-08	1.80E-03	9.48E-05	9.08E-01	1.44E-01	1.19E+01	3.92E-05	1.19E+01	1.30E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-01
WH20645303A	5.95E-03	5.04E-01	6.05E-03	4.98E-01	3.61E-06	0.00E+00	6.36E+02	3.26E-05	4.03E-04	4.40E-03	5.51E-04	2.70E+00	1.06E-08	5.65E-08	6.20E+00	8.66E-02	7.45E-04	4.67E-03	1.27E-02	1.86E-01	8.96E+00	1.46E+00	7.91E-08	3.76E-08	1.62E-03	8.03E-05	8.97E-01	1.36E-01	1.04E+01	3.05E-05	1.04E+01	1.14E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-01
WH20645303B	6.33E-03	5.05E-01	6.06E-03	5.03E-01	3.61E-06	0.00E+00	6.36E+02	3.23E-05	4.29E-04	4.34E-03	6.43E-04	3.30E+00	1.08E-08	5.77E-08	6.16E+00	8.08E-02	8.73E-04	7.51E-03	1.34E-02	2.08E-01	8.72E+00	1.50E+00	1.01E-07	5.18E-08	1.75E-03	9.83E-05	8.51E-01	1.88E-01	1.02E+01	3.79E-05	1.02E+01	1.11E+01	1.02E+00	0.00E+00	0.00E+00	3.90E-10	5.78E-01
WH20645304A	5.90E-03	5.00E-01	6.04E-03	4.91E-01	3.66E-06	0.00E+00	6.36E+02	3.17E-05	4.03E-04	4.31E-03	5.51E-04	2.69E+00	1.06E-08	5.62E-08	6.11E+00	8.59E-02	7.49E-04	4.52E-03	1.26E-02	1.84E-01	8.58E+00	1.46E+00	7.84E-08	3.70E-08	1.63E-03	8.65E-05	7.14E-01	1.40E-01	9.89E+00	3.04E-05	9.89E+00	1.10E+01	9.85E-01	0.00E+00	0.00E+00	3.90E-10	5.42E-01
WH20645304B	6.33E-03	5.05E-01	6.06E-03	5.03E-01	3.61E-06	0.00E+00	6.36E+02	3.23E-05	4.29E-04	4.34E-03	6.43E-04	3.30E+00	1.08E-08	5.77E-08	6.16E+00	8.08E-02	8.73E-04	7.51E-03	1.34E-02	2.08E-01	8.72E+00	1.50E+00	1.01E-07	5.18E-08	1.75E-03	9.83E-05	8.51E-01	1.88E-01	1.02E+01	3.79E-05	1.02E+01	1.11E+01	1.02E+00	0.00E+00	0.00E+00	3.90E-10	5.78E-01
WH20645305A	5.95E-03	5.04E-01	6.05E-03	4.98E-01	3.61E-06	0.00E+00	6.36E+02	3.26E-05	4.03E-04	4.40E-03	5.51E-04	2.70E+00	1.06E-08	5.65E-08	6.20E+00	8.66E-02	7.45E-04	4.67E-03	1.27E-02	1.86E-01	8.96E+00	1.46E+00	7.91E-08	3.76E-08	1.62E-03	8.03E-05	8.97E-01	1.36E-01	1.04E+01	3.05E-05	1.04E+01	1.14E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-01
WH20645305B	6.33E-03	5.05E-01	6.06E-03	5.03E-01	3.61E-06	0.00E+00	6.36E+02	3.23E-05	4.29E-04	4.34E-03	6.43E-04	3.30E+00	1.08E-08	5.77E-08	6.16E+00	8.08E-02	8.73E-04	7.51E-03	1.34E-02	2.08E-01	8.72E+00	1.50E+00	1.01E-07	5.18E-08	1.75E-03	9.83E-05	8.51E-01	1.88E-01	1.02E+01	3.79E-05	1.02E+01	1.11E+01	1.02E+00	0.00E+00	0.00E+00	3.90E-10	5.78E-01
WH20645306A	9.32E-03	1.11E+00	-1.76E-01	1.10E+00	3.61E-06	0.00E+00	3.47E+03	3.86E-05	9.59E-04	1.03E-02	1.68E-03	3.06E+00	2.83E-08	6.50E-08	6.32E+00	7.70E-02	2.28E-03	6.42E-03	1.86E-02	4.32E-01	2.00E+01	4.40E+00	1.24E-07	6.54E-08	3.81E-03	1.60E-04	1.20E+00	2.34E+00	2.53E+01	5.37E-05	2.54E+01	2.71E+01	2.19E+00	0.00E+00	0.00E+00	3.90E-10	7.65E-01
WH20645306B	9.42E-03	1.11E+00	-1.83E-01	1.11E+00	3.61E-06	0.00E+00	3.48E+03	3.89E-05	9.48E-04	1.03E-02	1.68E-03	3.22E+00	2.81E-08	6.43E-08	6.32E+00	8.94E-02	2.28E-03	8.90E-03	1.85E-02	4.34E-01	2.00E+01	4.40E+00	1.27E-07	6.80E-08	3.82E-03	1.76E-04	1.18E+00	2.49E+00	2.53E+01	5.66E-05	2.54E+01	2.72E+01	2.31E+00	0.00E+00	0.00E+00	3.90E-10	7.63E-01
WH20645307A	5.90E-03	5.00E-01	6.04E-03	4.91E-01	3.66E-06	0.00E+00	6.36E+02	3.17E-05	4.03E-04	4.31E-03	5.51E-04	2.69E+00	1.06E-08	5.62E-08	6.11E+00	8.59E-02	7.49E-04	4.52E-03	1.26E-02	1.84E-01	8.58E+00	1.46E+00	7.84E-08	3.70E-08	1.63E-03	8.65E-05	7.14E-01	1.40E-01	9.89E+00	3.04E-05	9.89E+00	1.10E+01	9.85E-01	0.00E+00	0.00E+00	3.90E-10	5.42E-01
WH20645307B	6.33E-03	5.05E-01	6.06E-03	5.03E-01	3.61E-06	0.00E+00	6.36E+02	3.23E-05	4.29E-04	4.34E-03	6.43E-04	3.30E+00	1.08E-08	5.77E-08	6.16E+00	8.08E-02	8.73E-04	7.51E-03	1.34E-02	2.08E-01	8.72E+00	1.50E+00	1.01E-07	5.18E-08	1.75E-03	9.83E-05	8.51E-01	1.88E-01	1.02E+01	3.79E-05	1.02E+01	1.11E+01	1.02E+00	0.00E+00	0.00E+00	3.90E-10	5.78E-01
WH20645309A	5.90E-03	5.00E-01	6.04E-03	4.91E-01	3.66E-06	0.00E+00	6.36E+02	3.17E-05	4.03E-04	4.31E-03	5.51E-04	2.69E+00	1.06E-08	5.62E-08	6.11E+00	8.59E-02	7.49E-04	4.52E-03	1.26E-02	1.84E-01	8.58E+00	1.46E+00	7.84E-08	3.70E-08	1.63E-03	8.65E-05	7.14E-01	1.40E-01	9.89E+00	3.04E-05	9.89E+00	1.10E+01	9.85E-01	0.00E+00	0.00E+00	3.90E-10	5.42E-01
WH20645700A	5.98E-03	4.81E-01	6.18E-03	4.89E-01	4.35E-06	0.00E+00	4.71E+02	2.72E-05	3.98E-04	4.33E-03	5.69E-04	2.81E+00	1.06E-08	5.82E-08	6.63E+00	9.49E-02	7.85E-04	5.04E-03	1.25E-02	1.86E-01	8.52E+00	1.37E+00	7.68E-08	3.80E-08	1.63E-03	8.82E-05	7.97E-01	1.73E-01	1.00E+01	3.15E-05	1.00E+01	1.09E+01	9.75E-01	0.00E+00	0.00E+00	3.90E-10	5.39E-01
WH20645700B	6.38E-03	5.01E-01	6.23E-03	5.06E-01	4.38E-06	0.00E+00	4.73E+02	2.90E-05	4.25E-04	4.34E-03	6.59E-04	3.44E+00	1.07E-08	6.01E-08	6.59E+00	8.51E-02	8.90E-04	7.31E-03	1.31E-02	2.06E-01	8.73E+00	1.39E+00	1.09E-07	5.25E-08	1.75E-03	9.82E-05	9.82E-01	2.13E-01	1.03E+01	3.97E-05	1.03E+01	1.11E+01	1.49E+00	0.00E+00	0.00E+00	3.90E-10	5.82E-01
WH20645704A	6.02E-03	4.84E-01	6.18E-03	4.86E-01	4.48E-06	0.00E+00	4.73E+02	3.17E-05	3.98E-04	4.30E-03	5.69E-04	2.82E+00	1.05E-08	5.84E-08	6.63E+00	8.88E-02	7.87E-04	4.86E-03	1.27E-02	1.89E-01	8.64E+00	1.38E+00	7.64E-08	3.77E-08	1.63E-03	8.94E-05	8.25E-01	1.50E-01	1.00E+01	3.16E-05	1.00E+01	1.12E+01	1.01E+00	0.00E+00	0.00E+00	3.90E-10	5.41E-01
WH20645705A	6.02E-03	4.84E-01	6.18E-03	4.86E-01	4.48E-06	0.00E+00	4.73E+02	3.17E-05	3.98E-04	4.30E-03	5.69E-04	2.82E+00	1.05E-08	5.84E-08	6.63E+00	8.88E-02	7.87E-04	4.86E-03	1.27E-02	1.89E-01	8.64E+00	1.38E+00	7.64E-08	3.77E-08	1.63E-03	8.94E-05	8.25E-01	1.50E-01	1.00E+01	3.16E-05	1.00E+01	1.12E+01	1.01E+00	0.00E+00	0.00E+00	3.90E-10	5.41E-01
WH20645705B	6.39E-03	5.05E-01	6.23E-03	5.04E-01	4.50E-06	0.00E+00	4.75E+02	3.26E-05	4.24E-04	4.34E-03	6.60E-04	3.44E+00	1.05E-08	6.02E-08	6.59E+00	8.70E-02	8.91E-04	7.75E-03	1.34E-02	2.09E-01	8.84E+00	1.42E+00	1.04E-07	5.17E-08	1.75E-03	9.91E-05	9.73E-01	1.93E-01	1.03E+01	3.98E-05	1.03E+01	1.13E+01	1.02E+00	0.00E+00	0.00E+00	3.90E-10	5.76E-01
WH20648305B	6.33E-03	5.31E-01	6.06E-03	5.16E-01	3.88E-06	0.00E+00	6.24E+02	3.24E-05	4.34E-04	4.50E-03	6.65E-04	3.30E+00	1.08E-08	5.78E-08	6.17E+00	8.88E-02	8.97E-04	7.49E-03	1.35E-02	2.18E-01	8.89E+00	1.55E+00	1.04E-07	5.17E-08	1.86E-03	9.99E-05	9.05E-01	1.89E-01	1.04E+01	3.82E-05	1.04E+01	1.12E+01	1.01E+00	0.00E+00	0.00E+00	3.90E-10	5.80E-01
WH20648306B	9.42E-03	1.11E+00	-1.83E-01	1.11E+00	3.91E-06	0.00E+00	3.48E+03	3.63E-05	9.51E-04	1.03E-02	1.68E-03	3.22E+00	2.81E-08	6.43E-08	6.32E+00	9.38E-02	2.28E-03	8.99E-03	1.85E-02	4.34E-01	2.01E+01	4.40E+00	1.27E-07	6.80E-08	3.84E-03	1.76E-04	1.24E+00	2.49E+00	2.54E+01	5.69E-05	2.55E+01	2.72E+01	2.32E+00	0.00E+00	0.00E+00	3.90E-10	7.66E-01
WH20750100A	6.47E-03	5.66E-01	-1.31E-02	5.79E-01	2.37E-05	0.00E+00	3.11E+02	1.30E-04	5.09E-04	5.65E-03	5.86E-04	2.85E+00	2.65E-07	8.00E-08	6.98E+00	3.44E-01	7.93E-04	1.99E-02	1.05E-02	2.32E-01	1.11E+01	1.45E+00	5.40E-08	4.41E-08	1.89E-03	6.92E-05	1.57E+00	4.09E-01	1.25E+01	1.39E-04	1.25E+01	1.45E+01	1.98E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-01
WH20750100B	2.09E-03	2.18E-01	1.92E-03	1.98E-01	1.22E-05	0.00E+00	2.42E+02	8.46E-05	1.41E-04	1.64E-03	1.89E-04	1.27E+00	7.13E-08	5.53E-08	4.81E+00	2.40E-01	2.94E-04	1.17E-02	5.46E-03	1.00E-01	4.16E+00	5.47E-01	1.51E-07	3.27E-08	5.35E-04	5.61E-05	5.67E-01	5.35E-02	4.32E+00	4.82E-05	4.32E+00	4.54E+00	8.84E-01	0.00E+00	0.00E+00	3.90E-10	2.17E-01

WH20750105A	7.02E-03	5.72E-01	-3.52E-03	5.76E-01	2.37E-05	0.00E+00	3.11E+02	1.30E-04	5.10E-04	5.71E-03	5.24E-04	2.78E+00	2.49E-07	1.14E-07	6.61E+00	3.45E-01	7.09E-04	1.93E-02	8.81E-03	1.75E-01	1.11E+01	1.46E+00	6.57E-08	4.39E-08	1.91E-03	6.63E-05	1.48E+00	2.83E-01	1.25E+01	1.38E-04	1.25E+01	1.43E+01	1.76E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-01
WH20750105B	2.09E-03	2.18E-01	1.92E-03	1.98E-01	1.22E-05	0.00E+00	2.42E+02	8.46E-05	1.41E-04	1.64E-03	1.89E-04	1.27E+00	7.13E-08	5.53E-08	4.81E+00	2.40E-01	2.94E-04	1.17E-02	5.46E-03	1.00E-01	4.16E+00	5.47E-01	1.51E-07	3.27E-08	5.35E-04	5.61E-05	5.67E-01	5.35E-02	4.32E+00	4.82E-05	4.32E+00	4.54E+00	8.84E-01	0.00E+00	0.00E+00	3.90E-10	2.17E-01
WH20750205A	2.09E-03	2.18E-01	1.93E-03	1.98E-01	1.18E-05	0.00E+00	2.42E+02	8.32E-05	1.41E-04	1.64E-03	1.89E-04	1.17E+00	7.12E-08	5.53E-08	4.84E+00	2.37E-01	2.94E-04	1.21E-02	5.41E-03	9.10E-02	4.05E+00	5.48E-01	1.60E-07	1.83E-08	5.38E-04	4.40E-05	2.99E-01	5.16E-02	4.28E+00	4.78E-05	4.28E+00	4.50E+00	4.82E-01	0.00E+00	0.00E+00	3.90E-10	2.17E-01
WH22580000T	6.10E-03	7.06E-01	7.43E-03	7.02E-01	6.50E-06	0.00E+00	2.34E+02	3.01E-05	5.61E-04	6.28E-03	8.50E-04	1.65E+00	2.71E-08	3.63E-08	3.84E+00	6.38E-02	1.15E-03	5.86E-03	1.97E-02	3.07E-01	1.41E+01	2.06E+00	1.52E-07	5.23E-08	2.20E-03	1.56E-04	1.47E+00	2.59E-01	1.69E+01	2.44E-05	1.70E+01	1.87E+01	1.95E+00	0.00E+00	0.00E+00	3.90E-10	9.77E-01
WH22580003T	6.57E-03	7.36E-01	7.56E-03	7.36E-01	6.82E-06	0.00E+00	3.92E+02	3.93E-05	5.92E-04	6.40E-03	8.18E-04	2.67E+00	2.85E-08	4.55E-08	4.70E+00	8.90E-02	1.15E-03	7.49E-03	2.04E-02	3.48E-01	1.67E+01	2.04E+00	1.53E-07	5.12E-08	2.29E-03	1.99E-04	1.49E+00	2.64E-01	1.96E+01	4.92E-05	1.96E+01	2.07E+01	2.10E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH22580005T	6.57E-03	7.36E-01	7.56E-03	7.36E-01	6.82E-06	0.00E+00	3.92E+02	3.93E-05	5.92E-04	6.40E-03	8.18E-04	2.67E+00	2.85E-08	4.55E-08	4.70E+00	8.90E-02	1.15E-03	7.49E-03	2.04E-02	3.48E-01	1.67E+01	2.04E+00	1.53E-07	5.12E-08	2.29E-03	1.99E-04	1.49E+00	2.64E-01	1.96E+01	4.92E-05	1.96E+01	2.07E+01	2.10E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH22580006T	6.57E-03	7.36E-01	7.56E-03	7.36E-01	6.82E-06	0.00E+00	3.92E+02	3.93E-05	5.92E-04	6.40E-03	8.18E-04	2.67E+00	2.85E-08	4.55E-08	4.70E+00	8.90E-02	1.15E-03	7.49E-03	2.04E-02	3.48E-01	1.67E+01	2.04E+00	1.53E-07	5.12E-08	2.29E-03	1.99E-04	1.49E+00	2.64E-01	1.96E+01	4.92E-05	1.96E+01	2.07E+01	2.10E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH22582000T	6.09E-03	7.05E-01	7.43E-03	7.01E-01	6.50E-06	0.00E+00	2.41E+02	3.60E-05	5.61E-04	6.27E-03	8.50E-04	1.65E+00	2.72E-08	3.51E-08	4.19E+00	7.98E-02	1.15E-03	5.94E-03	2.01E-02	3.06E-01	1.41E+01	2.04E+00	1.53E-07	5.23E-08	2.19E-03	1.55E-04	1.58E+00	2.56E-01	1.70E+01	2.43E-05	1.70E+01	1.87E+01	2.10E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH22582003T	6.09E-03	7.05E-01	7.43E-03	7.01E-01	6.50E-06	0.00E+00	2.41E+02	3.60E-05	5.61E-04	6.27E-03	8.50E-04	1.65E+00	2.72E-08	3.51E-08	4.19E+00	7.98E-02	1.15E-03	5.94E-03	2.01E-02	3.06E-01	1.41E+01	2.04E+00	1.53E-07	5.23E-08	2.19E-03	1.55E-04	1.58E+00	2.56E-01	1.70E+01	2.43E-05	1.70E+01	1.87E+01	2.10E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH22582005T	6.09E-03	7.05E-01	7.43E-03	7.01E-01	6.50E-06	0.00E+00	2.41E+02	3.60E-05	5.61E-04	6.27E-03	8.50E-04	1.65E+00	2.72E-08	3.51E-08	4.19E+00	7.98E-02	1.15E-03	5.94E-03	2.01E-02	3.06E-01	1.41E+01	2.04E+00	1.53E-07	5.23E-08	2.19E-03	1.55E-04	1.58E+00	2.56E-01	1.70E+01	2.43E-05	1.70E+01	1.87E+01	2.10E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH22582006T	6.09E-03	7.05E-01	7.43E-03	7.01E-01	6.50E-06	0.00E+00	2.41E+02	3.60E-05	5.61E-04	6.27E-03	8.50E-04	1.65E+00	2.72E-08	3.51E-08	4.19E+00	7.98E-02	1.15E-03	5.94E-03	2.01E-02	3.06E-01	1.41E+01	2.04E+00	1.53E-07	5.23E-08	2.19E-03	1.55E-04	1.58E+00	2.56E-01	1.70E+01	2.43E-05	1.70E+01	1.87E+01	2.10E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH22582700T	6.50E-03	7.04E-01	7.42E-03	7.00E-01	6.60E-06	0.00E+00	9.93E+02	3.81E-05	5.56E-04	6.24E-03	8.50E-04	2.62E+00	2.83E-08	4.18E-08	4.97E+00	9.13E-02	1.15E-03	6.70E-03	2.12E-02	3.01E-01	1.41E+01	2.07E+00	1.60E-07	5.57E-08	2.22E-03	1.63E-04	1.47E+00	2.74E-01	1.70E+01	3.07E-05	1.70E+01	1.87E+01	2.08E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH22582703T	6.50E-03	7.04E-01	7.42E-03	7.00E-01	6.60E-06	0.00E+00	9.93E+02	3.81E-05	5.56E-04	6.24E-03	8.50E-04	2.62E+00	2.83E-08	4.18E-08	4.97E+00	9.13E-02	1.15E-03	6.70E-03	2.12E-02	3.01E-01	1.41E+01	2.07E+00	1.60E-07	5.57E-08	2.22E-03	1.63E-04	1.47E+00	2.74E-01	1.70E+01	3.07E-05	1.70E+01	1.87E+01	2.08E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH22582706T	6.50E-03	7.04E-01	7.42E-03	7.00E-01	6.60E-06	0.00E+00	9.93E+02	3.81E-05	5.56E-04	6.24E-03	8.50E-04	2.62E+00	2.83E-08	4.18E-08	4.97E+00	9.13E-02	1.15E-03	6.70E-03	2.12E-02	3.01E-01	1.41E+01	2.07E+00	1.60E-07	5.57E-08	2.22E-03	1.63E-04	1.47E+00	2.74E-01	1.70E+01	3.07E-05	1.70E+01	1.87E+01	2.08E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH22592000T	6.08E-03	6.88E-01	7.91E-03	6.81E-01	5.77E-06	0.00E+00	2.47E+02	4.03E-05	5.65E-04	6.32E-03	8.50E-04	1.91E+00	1.41E-07	3.46E-08	4.15E+00	8.94E-02	1.15E-03	9.98E-03	3.17E-02	2.94E-01	1.40E+01	1.84E+00	1.54E-07	5.45E-08	2.08E-03	1.54E-04	1.41E+00	2.49E-01	1.69E+01	4.89E-05	1.69E+01	1.84E+01	2.05E+00	0.00E+00	0.00E+00	3.90E-10	1.38E+00
WH22592003T	6.08E-03	6.88E-01	7.91E-03	6.81E-01	5.77E-06	0.00E+00	2.47E+02	4.03E-05	5.65E-04	6.32E-03	8.50E-04	1.91E+00	1.41E-07	3.46E-08	4.15E+00	8.94E-02	1.15E-03	9.98E-03	3.17E-02	2.94E-01	1.40E+01	1.84E+00	1.54E-07	5.45E-08	2.08E-03	1.54E-04	1.41E+00	2.49E-01	1.69E+01	4.89E-05	1.69E+01	1.84E+01	2.05E+00	0.00E+00	0.00E+00	3.90E-10	1.38E+00
WH22592005T	6.08E-03	6.88E-01	7.91E-03	6.81E-01	5.77E-06	0.00E+00	2.47E+02	4.03E-05	5.65E-04	6.32E-03	8.50E-04	1.91E+00	1.41E-07	3.46E-08	4.15E+00	8.94E-02	1.15E-03	9.98E-03	3.17E-02	2.94E-01	1.40E+01	1.84E+00	1.54E-07	5.45E-08	2.08E-03	1.54E-04	1.41E+00	2.49E-01	1.69E+01	4.89E-05	1.69E+01	1.84E+01	2.05E+00	0.00E+00	0.00E+00	3.90E-10	1.38E+00
WH22640000T	8.84E-03	1.15E+00	5.36E-03	1.14E+00	3.61E-06	0.00E+00	1.90E+03	5.46E-05	8.87E-04	9.52E-03	1.44E-03	3.40E+00	1.85E-08	7.13E-08	6.60E+00	1.02E-01	1.95E-03	9.51E-03	4.05E-02	3.08E-01	2.05E+01	3.75E+00	1.78E-07	7.05E-08	3.30E-03	1.49E-04	1.40E+00	3.15E-01	2.42E+01	4.06E-05	2.42E+01	2.59E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
WH22640003T	7.38E-03	7.37E-01	6.84E-03	7.37E-01	6.32E-06	0.00E+00	1.23E+03	4.46E-05	5.92E-04	6.46E-03	8.18E-04	3.30E+00	3.00E-08	6.48E-08	6.39E+00	1.10E-01	1.15E-03	8.55E-03	2.16E-02	3.42E-01	1.65E+01	2.10E+00	1.63E-07	5.95E-08	2.33E-03	1.99E-04	1.43E+00	2.72E-01	1.93E+01	5.53E-05	1.93E+01	2.06E+01	1.98E+00	0.00E+00	0.00E+00	3.90E-10	1.03E+00
WH22640005T	7.38E-03	7.37E-01	6.84E-03	7.37E-01	6.32E-06	0.00E+00	1.23E+03	4.46E-05	5.92E-04	6.46E-03	8.18E-04	3.30E+00	3.00E-08	6.48E-08	6.39E+00	1.10E-01	1.15E-03	8.55E-03	2.16E-02	3.42E-01	1.65E+01	2.10E+00	1.63E-07	5.95E-08	2.33E-03	1.99E-04	1.43E+00	2.72E-01	1.93E+01	5.53E-05	1.93E+01	2.06E+01	1.98E+00	0.00E+00	0.00E+00	3.90E-10	1.03E+00
WH22640006T	7.38E-03	7.37E-01	6.84E-03	7.37E-01	6.32E-06	0.00E+00	1.23E+03	4.46E-05	5.92E-04	6.46E-03	8.18E-04	3.30E+00	3.00E-08	6.48E-08	6.39E+00	1.10E-01	1.15E-03	8.55E-03	2.16E-02	3.42E-01	1.65E+01	2.10E+00	1.63E-07	5.95E-08	2.33E-03	1.99E-04	1.43E+00	2.72E-01	1.93E+01	5.53E-05	1.93E+01	2.06E+01	1.98E+00	0.00E+00	0.00E+00	3.90E-10	1.03E+00
WH22645300T	6.98E-03	6.72E-01	-4.74E-02	7.02E-01	6.06E-06	0.00E+00	1.32E+03	4.86E-05	5.46E-04	6.17E-03	7.82E-04	3.36E+00	3.51E-08	6.30E-08	6.51E+00	1.06E-01	1.14E-03	8.30E-03	2.14E-02	2.91E-01	1.41E+01	2.04E+00	1.57E-07	6.12E-08	2.18E-03	1.64E-04	1.30E+00	1.83E+00	1.68E+01	5.78E-05	1.68E+01	1.85E+01	2.06E+00	0.00E+00	0.00E+00	3.90E-10	1.03E+00
WH22645303T	6.98E-03	6.72E-01	-4.74E-02	7.02E-01	6.06E-06	0.00E+00	1.32E+03	4.86E-05	5.46E-04	6.17E-03	7.82E-04	3.36E+00	3.51E-08	6.30E-08	6.51E+00	1.06E-01	1.14E-03	8.30E-03	2.14E-02	2.91E-01	1.41E+01	2.04E+00	1.57E-07	6.12E-08	2.18E-03	1.64E-04	1.30E+00	1.83E+00	1.68E+01	5.78E-05	1.68E+01	1.85E+01	2.06E+00	0.00E+00	0.00E+00	3.90E-10	1.03E+00
WH22645305T	6.98E-03	6.72E-01	-4.74E-02	7.02E-01	6.06E-06	0.00E+00	1.32E+03	4.86E-05	5.46E-04	6.17E-03	7.82E-04	3.36E+00	3.51E-08	6.30E-08	6.51E+00	1.06E-01	1.14E-03	8.30E-03	2.14E-02	2.91E-01	1.41E+01	2.04E+00	1.57E-07	6.12E-08	2.18E-03	1.64E-04	1.30E+00	1.83E+00	1.68E+01	5.78E-05	1.68E+01	1.85E+01	2.06E+00	0.00E+00	0.00E+00	3.90E-10	1.03E+00
WH22645306T	6.98E-03	6.72E-01	-4.74E-02	7.02E-01	6.06E-06	0.00E+00	1.32E+03	4.86E-05	5.46E-04	6.17E-03	7.82E-04	3.36E+00	3.51E-08	6.30E-08	6.51E+00	1.06E-01	1.14E-03	8.30E-03	2.14E-02	2.91E-01	1.41E+01	2.04E+00	1.57E-07	6.12E-08	2.18E-03	1.64E-04	1.30E+00	1.83E+00	1.68E+01	5.78E-05	1.68E+01	1.85E+01	2.06E+00	0.00E+00	0.00E+00	3.90E-10	1.03E+00
WH226801K	1.26E-02	2.01E+00	-1.87E-01	1.77E+00	3.74E-06	0.00E+00	3.45E+03	5.60E-05	1.40E-03	1.29E-02	1.68E-03	3.99E+00	3.00E-08	8.46E-08	5.25E+00	8.70E-02	2.27E-03	7.54E-03	1.88E-02	4.83E-01	3.48E+01	4.23E+00	1.46E-07	1.35E-07	4.88E-03	2.70E-04	1.08E+00	2.53E+00	4.09E+01	7.60E-05	4.09E+01	4.31E+01	2.59E+00	0.00E+00	0.00E+00	3.90E-10	7.92E-01
WH226801T	1.49E-02	1.68E+00	-1.87E-01	1.83E+00	3.50E-06	0.00E+00	3.45E+03	6.14E-05	1.56E-03	1.49E-02	2.46E-03	3.96E+00	3.11E-08	7.90E-08	5.39E+00	9.59E-02	3.37E-03	1.10E-02	1.91E-02	4.97E-01	3.35E+01	6.22E+00	1.90E-07	1.02E-07	5.86E-03	2.80E-04	7.56E-01	2.66E+00	3.62E+01	7.62E-05	3.61E+01	4.06E+01	3.04E+00	0.00E+00	0.00E+00	3.90E-10	8.69E-01
WH226801TG	1.48E-02	1.68E+00	-1.87E-01	1.85E+00	9.33E-06	0.00E+00	3.45E+03	6.31E-05	1.55E-03	1.49E-02	2.46E-03	4.14E+00	4.58E-08	7.67E-08	5.15E+00	1.16E-01	3.36E-03	1.12E-02	2.48E-02	5.23E-01	3.51E+01	5.89E+00	1.94E-07	1.04E-07	5.79E-03	2.79E-04	1.09E+00	2.66E+00	3.66E+01	8.98E-05	3.63E+01	4.06E+01	2.98E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH226802K	1.26E-02	2.01E+00	-1.87E-01	1.77E+00	3.74E-06	0.00E+00	3.45E+03	5.60E-05	1.40E-03	1.29E-02	1.68E-03	3.99E+00	3.00E-08	8.46E-08	5.25E+00	8.70E-02	2.27E-03	7.54E-03	1.88E-02	4.83E-01	3.48E+01	4.23E+00	1.46E-07	1.35E-07	4.88E-03	2.70E-04	1.08E+00	2.53E+00	4.09E+01	7.60E-05	4.09E+01	4.31E+01	2.59E+00	0.00E+00	0.00E+00	3.90E-10	7.92E-01
WH226802T	1.49E-02	1.68E+00	-1.87E-01	1.83E+00	3.50E-06	0.00E+00	3.45E+03	6.14E-05	1.56E-03	1.49E-02	2.46E-03	3.96E+00	3.11E-08	7.90E-08	5.39E+00	9.59E-02	3.37E-03	1.10E-02	1.91E-02	4.97E-01	3.35E+01	6.22E+00	1.90E-07	1.02E-07	5.86E-03	2.80E-04	7.56E-01	2.66E+00	3.62E+01	7.62E-05	3.61E+01	4.06E+01	3.04E+00	0.00E+00	0.00E+00	3.90E-10	8.69E-01
WH226802TG	1.48E-02	1.68E+00	-1.87E-01	1.85E+00	9.33E-06	0.00E+00	3.45E+03	6.31E-05	1.55E-03	1.49E-02	2.46E-03	4.14E+00	4.58E-08	7.67E-08	5.15E+00	1.16E-01	3.36E-03	1.12E-02	2.48E-02	5.23E-01	3.51E+01	5.89E+00	1.94E-07	1.04E-07	5.79E-03	2.79E-04	1.09E+00	2.66E+00	3.66E+01	8.98E-05	3.63E+01	4.06E+01	2.98E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH226803K	1.26E-02	2.01E+00	-1.87E-01	1.77E+00	3.74E-06	0.00E+00	3.45E+03	5.60E-05	1.40E-03	1.29E-02	1.68E-03	3.99E+00	3.00E-08	8.46E-08	5.25E+00	8.70E-02	2.27E-03	7.54E-03	1.88E-02	4.83E-01	3.48E+01	4.23E+00	1.46E-07	1.35E-07	4.88E-03	2.70E-04	1.08E+00	2.53E+00	4.09E+01	7.60E-05	4.09E+01	4.31E+01	2.59E+00	0.00E+00	0.00E+00	3.90E-10	7.92E-01
WH226803T	1.49E-02	1.68E+00	-1.87E-01	1.83E+00	3.50E-06	0.00E+00	3.45E+03	6.14E-05	1.56E-03	1.49E-02	2.46E-03	3.96E+00	3.11E-08	7.90E-08	5.39E+00	9.59E-02	3.37E-03	1.10E-02	1.91E-02	4.97E-01	3.35E+01	6.22E+00	1.90E-07	1.02E-07	5.86E-03	2.80E-04	7.56E-01	2.66E+00	3.62E+01	7.62E-05	3.61E+01	4.06E+01	3.04E+00	0.00E+00	0.00E+00	3.90E-10	8.69E-01
WH226803TG	1.48E-02	1.68E+00	-1.87E-01	1.85E+00	9.33E-06	0.00E+00	3.45E+03	6.31E-05	1.55E-03	1.49E-02	2.46E-03	4.14E+00	4.58E-08	7.67E-08	5.15E+00	1.16E-01	3.36E-03	1.12E-02	2.48E-02	5.23E-01	3.51E+01	5.89E+00	1.94E-07	1.04E-07	5.79E-03	2.79E-04	1.09E+00	2.66E+00	3.66E+01	8.98E-05	3.63E+01	4.06E+01	2.98E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH226811K	1.26E-02	2.01E+00	-1.78E-01	1.77E+00	3.74E-06	0.00E+00	3.22E+03	5.61E-05	1.41E-03	1.28E-02	1.68E-03	3.99E+00	3.13E-08	1.28E-07	5.25E+00	8.72E-02	2.27E-03	7.53E-03	1.89E-02	4.84E-01	3.49E+01	4.23E+00	1.45E-07	1.35E-07	4.90E-03	3.89E-04	1.08E+00	2.42E+00	4.10E+01	7.58E-05	4.10E+01	4.31E+01	2.59E+00	0.00E+00	0.00E+00	3.90E-10	7.99E-01
WH226811T	1.49E-02	1.70E+00	-1.78E-01	1.83E+00	3.50E-06	0.00E+00	3.22E+03	6.14E-05	1.57E-03	1.49E-02	2.46E-03	3.97E+00	3.23E-08	1.35E-07	5.38E+00	9.63E-02	3.37E-03	1.10E-02	1.93E-02	4.98E-01	3.36E+01	6.24E+00	1.89E-07	1.02E-07	5.89E-03	3.92E-04	7.59E-01	2.53E+00	3.67E+01	7.60E-05	3.67E+01	4.09E+01	3.03E+00	0.00E+00	0.00E+00	3.90E-10	8.76E-01
WH226811TG	1.48E-02	1.70E+00	-1.78E-01	1.85E+00	9.34E-06	0.00E+00	3.22E+03	6.32E-05	1.55E-03	1.49E-02	2.46E-03	4.14E+00	4.69E-08	1.33E-07	5.15E+00	1.17E-01	3.36E-03	1.12E-02	2.49E-02	5.24E-01	3.52E+01	5.91E+00	1.93E-07	1.04E-07	5.83E-03	3.91E-04	1.10E+00	2.53E+00	3.71E+01	8.96E-05	3.69E+01	4.08E+01	2.97E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH226812K	1.26E-02	2.01E+00	-1.78E-01	1.77E+00	3.74E-06	0.00E+00	3.22E+03	5.61E-05	1.41E-03	1.28E-02	1.68E-03	3.99E+00	3.13E-08	1.28E-07	5.25E+00	8.72E-02	2.27E-03	7.53E-03	1.89E-02	4.84E-01	3.49E+01	4.23E+00	1.45E-07	1.35E-07	4.90E-03	3.89E-04	1.08E+00	2.42E+00	4.10E+01	7.58E-05	4.10E+01	4.31E+01	2.59E+00	0.00E+00	0.00E+00	3.90E-10	7.99E-01
WH226812T	1.49E-02	1.70E+00	-1.78E-01	1.83E+00	3.50E-06	0.00E+00	3.22E+03	6.14E-05	1.57E-03	1.49E-02	2.46E-03	3.97E+00	3.23E-08	1.35E-07	5.38E+00	9.63E-02	3.37E-03	1.10E-02	1.93E-02	4.98E-01	3.36E+01	6.24E+00	1.89E-07	1.02E-07	5.89E-03	3.92E-04	7.59E-01	2.53E+00	3.67E+01	7.60E-05	3.67E+01	4.09E+01	3.03E+00	0.00E+00	0.00E+00	3.90E-10	8.76E-01
WH226812TG	1.48E-02	1.70E+00	-1.78E-01	1.85E+00	9.34E-06	0.00E+00	3.22E+03	6.32E-05	1.55E-03	1.49E-02	2.46E-03	4.14E+00	4.69E-08	1.33E-07	5.15E+00	1.17E-01	3.36E-03	1.12E-02	2.49E-02	5.24E-01	3.52E+01	5.91E+00	1.93E-07	1.04E-07	5.83E-03	3.91E-04	1.10E+00	2.53E+00	3.71E+01	8.96E-05	3.69E+01	4.08E+01	2.97E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH226813K	1.26E-02	2.01E+00	-1.78E-01	1.77E+00	3.74E-06	0.00E+00	3.22E+03	5.61E-05	1.41E-03	1.28E-02	1.68E-03	3.99E+00	3.13E-08	1.28E-07	5.25E+00	8.72E-02	2.27E-03	7.53E-03	1.89E-02	4.84E-01	3.49E+01	4.23E+00	1.45E-07	1.35E-07	4.90E-03	3.89E-04	1.08E+00	2.42E+00	4.10E+01	7.58E-05	4.10E+01	4.31E+01	2.59E+00	0.00E+00	0.00E+00	3.90E-10	7.99E-01
WH226813T	1.49E-02	1.70E+00	-1.78E-01	1.83E+00	3.50E-06	0.00E+00	3.22E+03	6.14E-05	1.57E-03	1.49E-02	2.46E-03	3.97E+00	3.23E-08	1.35E-07	5.38E+00	9.63E-02	3.37E-03	1.10E-02	1.93E-02	4.98E-01	3.36E+01	6.24E+00	1.89E-07	1.02E-07	5.89E-03	3.92E-04	7.59E-01	2.53E+00	3.67E+01	7.60E-05	3.67E+01	4.09E+01	3.03E+00	0.00E+00	0.00E+00	3.90E-10	8.76E-01
WH226813TG	1.48E-02	1.68E+00	-1.87E-01	1.85E+00	9.33E-06	0.00E+00	3.45E+03	6.31E-05	1.55E-03	1.49E-02	2.46E-03	4.14E+00	4.58E-08	7.67E-08	5.15E+00	1.16E-01	3.36E-03	1.12E-02	2.48E-02	5.23E-01	3.51E+01	5.89E+00	1.94E-07	1.04E-07	5.79E-03	2.79E-04	1.09E+00	2.66E+00	3.66E+01	8.98E-05	3.63E+01	4.06E+01	2.98E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH22690000T	6.14E-03	6.87E-01	7.93E-03	6.80E-01	5.78E-06	0.00E+00	2.61E+02	4.17E-05	5.66E-04	6.31E-03	8.50E-04	2.32E+00	1.42E-07	3.65E-08	4.47E+00	9.64E-02	1.15E-03	1.14E-02	3.41E-02	2.98E-01	1.42E+01	1.84E+00	1.55E-07	5.51E-08	2.08E-03	1.57E-04	1.42E+00	2.49E-01	1.71E+01	5.39E-05	1.71E+01	1.87E+01	2.05E+00	0.00E+00	0.00E+00	3.90E-10	1.45E+00
WH22690003T	6.14E-03	6.87E-01	7.93E-03	6.80E-01	5.78E-06	0.00E+00	2.61E+02	4.17E-05	5.66E-04	6.31E-03	8.50E-04	2.32E+00	1.42E-07	3.65E-08	4.47E+00	9.64E-02	1.15E-03	1.14E-02	3.41E-02	2.98E-01	1.42E+01	1.84E+00	1.55E-07	5.51E-08	2.08E-03	1.57E-04	1.42E+00	2.49E-01	1.71E+01	5.39E-05	1.71E+01	1.87E+01	2.05E+00	0.00E+00	0.00E+00	3.90E-10	1.45E+00
WH227101K	1.28E-02	2.02E+00	-1.85E-01	1.78E+00	3.40E-06	0.00E+00	3.44E+03	5.81E-05	1.40E-03	1.29E-02	1.68E-03	3.81E+00	3.02E-08	8.49E-08	5.47E+00	9.87E-02	2.27E-03	7.95E-03	1.89E-02	4.80E-01	3.52E+01	4.26E+00	1.46E-07	1.35E-07	4.90E-03	2.71E-04	1.10E+00	2.62E+00	4.13E+01	7.62E-05	4.13E+01	4.36E+01	2.60E+00	0.00E+00	0.00E+00	3.90E-10	7.91E-01
WH227101T	1.51E-02	1.67E+00	-1.89E-01	1.82E+00	3.30E-06	0.00E+00	3.58E+03	6.44E-05	1.57E-03	1.50E-02	2.47E-03	3.85E+00	3.15E-08	7.87E-08	5.65E+00	9.97E-02	3.37E-03	1.09E-02	1.88E-02	4.95E-01	3.39E+01	6.00E+00	1.91E-07	1.03E-07	5.85E-03	2.80E-04	2.83E-01	2.77E+00	3.59E+01	7.69E-05	3.58E+01	4.00E+01	2.99E+00	0.00E+00	0.00E+00	3.90E-10	8.69E-01
WH227101TG	1.50E-02	1.67E+00	-1.88E-01	1.84E+00	9.18E-06	0.00E+00	3.54E+03	6.60E-05	1.56E-03	1.50E-02	2.46E-03	4.05E+00	4.60E-08	7.65E-08	5.42E+00	1.22E-01	3.36E-03	1.10E-02	2.48E-02	5.21E-01	3.62E+01	5.78E+00	1.90E-07	1.05E-07	5.80E-03	2.79E-04	7.12E-01	2.77E+00	3.66E+01	8.99E-05	3.63E+01	4.02E+01	2.92E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH227102K	1.28E-02	2.02E+00	-1.85E-01	1.78E+00	3.40E-06	0.00E+00	3.44E+03	5.81E-05	1.40E-03	1.29E-02	1.68E-03	3.81E+00	3.02E-08	8.49E-08	5.47E+00	9.87E-02	2.27E-03	7.95E-03	1.89E-02	4.80E-01	3.52E+01	4.26E+00	1.46E-07	1.35E-07	4.90E-03	2.71E-04	1.10E+00	2.62E+00	4.13E+01	7.62E-05	4.13E+01	4.36E+01	2.60E+00	0.00E+00	0.00E+00	3.90E-10	7.91E-01
WH227102T	1.51E-02	1.67E+00	-1.89E-01	1.82E+00	3.30E-06	0.00E+00	3.58E+03	6.44E-05	1.57E-03	1.50E-02	2.47E-03	3.85E+00	3.15E-08	7.87E-08	5.65E+00	9.97E-02	3.37E-03	1.09E-02	1.88E-02	4.95E-01	3.39E+01	6.00E+00	1.91E-07	1.03E-07	5.85E-03	2.80E-04	2.83E-01	2.77E+00	3.59E+01	7.69E-05	3.58E+01	4.00E+01	2.99E+00	0.00E+00	0.00E+00	3.90E-10	8.69E-01
WH227102TG	1.50E-02	1.67E+00	-1.88E-01	1.84E+00	9.18E-06	0.00E+00	3.54E+03	6.60E-05	1.56E-03	1.50E-02	2.46E-03	4.05E+00	4.60E-08	7.65E-08	5.42E+00	1.22E-01	3.36E-03	1.10E-02	2.48E-02	5.21E-01	3.62E+01	5.78E+00	1.90E-07	1.05E-07	5.80E-03	2.79E-04	7.12E-01	2.77E+00	3.66E+01	8.99E-05	3.63E+01	4.02E+01	2.92E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH227103K	1.28E-02	2.02E+00	-1.85E-01	1.78E+00	3.40E-06	0.00E+00	3.44E+03	5.81E-05	1.40E-03	1.29E-02	1.68E-03	3.81E+00	3.02E-08	8.49E-08	5.47E+00	9.87E-02	2.27E-03	7.95E-03	1.89E-02	4.80E-01	3.52E+01	4.26E+00	1.46E-07	1.35E-07	4.90E-03	2.71E-04	1.10E+00	2.62E+00	4.13E+01	7.62E-05	4.13E+01	4.36E+01	2.60E+00	0.00E+00	0.00E+00	3.90E-10	7.91E-01
WH227103T	1.51E-02	1.67E+00	-1.89E-01	1.82E+00	3.30E-06	0.00E+00	3.58E+03	6.44E-05	1.57E-03	1.50E-02	2.47E-03	3.85E+00	3.15E-08	7.87E-08	5.65E+00	9.97E-02	3.37E-03	1.09E-02	1.88E-02	4.95E-01	3.39E+01	6.00E+00	1.91E-07	1.03E-07	5.85E-03	2.80E-04	2.83E-01	2.77E+00	3.59E+01	7.69E-05	3.58E+01	4.00E+01	2.99E+00	0.00E+00	0.00E+00	3.90E-10	8.69E-01
WH227103TG	1.50E-02	1.67E+00	-1.88E-01	1.84E+00	9.18E-06	0.00E+00	3.54E+03	6.60E-05	1.56E-03	1.50E-02	2.46E-03	4.05E+00	4.60E-08	7.65E-08	5.42E+00	1.22E-01	3.36E-03	1.10E-02	2.48E-02	5.21E-01	3.62E+01	5.78E+00	1.90E-07	1.05E-07	5.80E-03	2.79E-04	7.12E-01	2.77E+00	3.66E+01	8.99E-05	3.63E+01	4.02E+01	2.92E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH227111K	1.28E-02	2.02E+00	-1.75E-01	1.78E+00	3.40E-06	0.00E+00	3.22E+03	5.81E-05	1.41E-03	1.29E-02	1.68E-03	3.81E+00	3.15E-08	1.28E-07	5.47E+00	9.91E-02	2.27E-03	7.94E-03	1.90E-02	4.81E-01	3.53E+01	4.26E+00	1.46E-07	1.35E-07	4.92E-03	3.90E-04	1.10E+00	2.50E+00	4.14E+01	7.59E-05	4.14E+01	4.36E+01	2.60E+00	0.00E+00	0.00E+00	3.90E-10	7.98E-01
WH227111T	1.51E-02	1.69E+00	-1.80E-01	1.82E+00	3.30E-06	0.00E+00	3.37E+03	6.44E-05	1.57E-03	1.49E-02	2.47E-03	3.86E+00	3.27E-08	1.34E-07	5.65E+00	1.00E-01	3.37E-03	1.09E-02	1.89E-02	4.97E-01	3.41E+01	6.03E+00	1.90E-07	1.04E-07	5.89E-03	3.93E-04	2.89E-01	2.63E+00	3.65E+01	7.66E-05	3.64E+01	4.03E+01	2.98E+00	0.00E+00	0.00E+00	3.90E-10	8.75E-01
WH227111TG	1.50E-02	1.69E+00	-1.78E-01	1.84E+00	9.18E-06	0.00E+00	3.31E+03	6.61E-05	1.56E-03	1.49E-02	2.46E-03	4.06E+00	4.71E-08	1.32E-07	5.41E+00	1.22E-01	3.36E-03	1.10E-02	2.49E-02	5.21E-01	3.64E+01	5.80E+00	1.90E-07	1.06E-07	5.83E-03	3.90E-04	7.15E-01	2.63E+00	3.71E+01	8.96E-05	3.69E+01	4.05E+01	2.91E+00	0.00E+00	0.00E+00	3.90E-10	1.09E+00
WH227112K	1.28E-02	2.02E+00	-1.75E-01	1.78E+00	3.40E-06	0.00E+00	3.22E+03	5.81E-05	1.41E-03	1.29E-02	1.68E-03	3.81E+00	3.15E-08	1.28E-07	5.47E+00	9.91E-02	2.27E-03	7.94E-03	1.90E-02	4.81E-01	3.53E+01	4.26E+00	1.46E-07	1.35E-07	4.92E-03	3.90E-04	1.10E+00	2.50E+00	4.14E+01	7.59E-05	4.14E+01	4.36E+01	2.60E+00	0.00E+00	0.00E+00	3.90E-10	7.98E-01
WH227112T	1.51E-02	1.69E+00	-1.80E-01	1.82E+00	3.30E-06	0.00E+00	3.37E+03	6.44E-05	1.57E-03	1.49E-02	2.47E-03	3.86E+00	3.27E-08	1.34E-07	5.65E+00	1.00E-01	3.37E-03	1.09E-02	1.89E-02	4.97E-01	3.41E+01	6.03E+00	1.90E-07	1.04E-07	5.89E-03	3.93E-04	2.89E-01	2.63E+00	3.65E+01	7.66E-05	3.64E+01	4.03E+01	2.98E+00	0.00E+00	0.00E+00	3.90E-10	8.75E-01
WH227112TG	1.50E-02	1.69E+00	-1.78E-01	1.84E+00	9.18E-06	0.00E+00	3.31E+03	6.61E-05	1.56E-03	1.49E-02	2.46E-03	4.06E+00	4.71E-08	1.32E-07	5.41E+00	1.22E-01	3.36E-03	1.10E-02	2.49E-02	5.21E-01	3.64E+01	5.80E+00	1.90E-07	1.06E-07	5.83E-03	3.90E-04	7.15E-01	2.63E+00	3.71E+01	8.96E-05	3.69E+01	4.05E+01	2.91E+00	0.00E+00	0.00E+00	3.90E-10	1.09E+00
WH227113K	1.28E-02	2.02E+00	-1.75E-01	1.78E+00	3.40E-06	0.00E+00	3.22E+03	5.81E-05	1.41E-03	1.29E-02	1.68E-03	3.81E+00	3.15E-08	1.28E-07	5.47E+00	9.91E-02	2.27E-03	7.94E-03	1.90E-02	4.81E-01	3.53E+01	4.26E+00	1.46E-07	1.35E-07	4.92E-03	3.90E-04	1.10E+00	2.50E+00	4.14E+01	7.59E-05	4.14E+01	4.36E+01	2.60E+00	0.00E+00	0.00E+00	3.90E-10	7.98E-01
WH227113T	1.51E-02	1.69E+00	-1.80E-01	1.82E+00	3.30E-06	0.00E+00	3.37E+03	6.44E-05	1.57E-03	1.49E-02	2.47E-03	3.86E+00	3.27E-08	1.34E-07	5.65E+00	1.00E-01	3.37E-03	1.09E-02	1.89E-02	4.97E-01	3.41E+01	6.03E+00	1.90E-07	1.04E-07	5.89E-03	3.93E-04	2.89E-01	2.63E+00	3.65E+01	7.66E-05	3.64E+01	4.03E+01	2.98E+00	0.00E+00	0.00E+00	3.90E-10	8.75E-01
WH227113TG	1.50E-02	1.69E+00	-1.78E-01	1.84E+00	9.18E-06	0.00E+00	3.31E+03	6.61E-05	1.56E-03	1.49E-02	2.46E-03	4.06E+00	4.71E-08	1.32E-07	5.41E+00	1.22E-01	3.36E-03	1.10E-02	2.49E-02	5.21E-01	3.64E+01	5.80E+00	1.90E-07	1.06E-07	5.83E-03	3.90E-04	7.15E-01	2.63E+00	3.71E+01	8.96E-05	3.69E+01	4.05E+01	2.91E+00	0.00E+00	0.00E+00	3.90E-10	1.09E+00
WH227301K	1.30E-02	2.03E+00	-4.99E-02	1.79E+00	3.00E-06	0.00E+00	1.40E+03	5.69E-05	1.40E-03	1.29E-02	1.68E-03	3.96E+00	3.04E-08	8.30E-08	6.40E+00	1.03E-01	2.27E-03	9.55E-03	1.88E-02	4.83E-01	3.55E+01	4.29E+00	1.47E-07	1.35E-07	4.90E-03	2.73E-04	1.19E+00	1.87E+00	4.13E+01	7.52E-05	4.15E+01	4.36E+01	2.63E+00	0.00E+00	0.00E+00	3.90E-10	7.93E-01
WH227301T	1.40E-02	1.66E+00	-2.07E-01	1.87E+00	3.61E-06	0.00E+00	3.85E+03	7.39E-05	1.62E-03	1.68E-02	3.21E-03	3.44E+00	5.54E-08	8.48E-08	6.31E+00	1.03E-01	4.34E-03	1.07E-02	1.46E-02	4.87E-01	2.81E+01	5.91E+00	1.61E-07	1.02E-07	5.33E-03	2.51E-04	-3.54E-03	2.96E+00	3.40E+01	6.84E-05	3.40E+01	3.70E+01	2.96E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-01
WH227301TG	1.50E-02	1.67E+00	-1.86E-01	1.84E+00	8.86E-06	0.00E+00	3.47E+03	6.70E-05	1.55E-03	1.49E-02	2.46E-03	4.18E+00	4.64E-08	7.90E-08	6.15E+00	1.25E-01	3.36E-03	1.17E-02	2.49E-02	5.22E-01	3.69E+01	5.78E+00	1.93E-07	1.06E-07	5.75E-03	2.79E-04	5.77E-01	2.76E+00	3.64E+01	8.87E-05	3.63E+01	4.02E+01	2.88E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH227302K	1.30E-02	2.03E+00	-4.99E-02	1.79E+00	3.00E-06	0.00E+00	1.40E+03	5.69E-05	1.40E-03	1.29E-02	1.68E-03	3.96E+00	3.04E-08	8.30E-08	6.40E+00	1.03E-01	2.27E-03	9.55E-03	1.88E-02	4.83E-01	3.55E+01	4.29E+00	1.47E-07	1.35E-07	4.90E-03	2.73E-04	1.19E+00	1.87E+00	4.13E+01	7.52E-05	4.15E+01	4.36E+01	2.63E+00	0.00E+00	0.00E+00	3.90E-10	7.93E-01
WH227302T	1.41E-02	1.64E+00	-2.09E-01	1.85E+00	3.61E-06	0.00E+00	3.76E+03	7.30E-05	1.62E-03	1.68E-02	3.21E-03	3.44E+00	5.50E-08	8.42E-08	6.32E+00	1.02E-01	4.34E-03	1.07E-02	1.47E-02	4.76E-01	2.81E+01	5.87E+00	1.65E-07	1.03E-07	5.34E-03	2.45E-04	-2.22E-04	2.96E+00	3.40E+01	6.98E-05	3.40E+01	3.69E+01	2.96E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-01
WH227302TG	1.50E-02	1.67E+00	-1.86E-01	1.84E+00	8.86E-06	0.00E+00	3.47E+03	6.70E-05	1.55E-03	1.49E-02	2.46E-03	4.18E+00	4.64E-08	7.90E-08	6.15E+00	1.25E-01	3.36E-03	1.17E-02	2.49E-02	5.22E-01	3.69E+01	5.78E+00	1.93E-07	1.06E-07	5.75E-03	2.79E-04	5.77E-01	2.76E+00	3.64E+01	8.87E-05	3.63E+01	4.02E+01	2.88E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH227303K	1.30E-02	2.03E+00	-4.99E-02	1.79E+00	3.00E-06	0.00E+00	1.40E+03	5.69E-05	1.40E-03	1.29E-02	1.68E-03	3.96E+00	3.04E-08	8.30E-08	6.40E+00	1.03E-01	2.27E-03	9.55E-03	1.88E-02	4.83E-01	3.55E+01	4.29E+00	1.47E-07	1.35E-07	4.90E-03	2.73E-04	1.19E+00	1.87E+00	4.13E+01	7.52E-05	4.15E+01	4.36E+01	2.63E+00	0.00E+00	0.00E+00	3.90E-10	7.93E-01
WH227303T	1.40E-02	1.65E+00	-2.08E-01	1.86E+00	3.61E-06	0.00E+00	3.85E+03	7.40E-05	1.62E-03	1.68E-02	3.21E-03	3.44E+00	5.54E-08	8.48E-08	6.32E+00	1.03E-01	4.34E-03	1.07E-02	1.46E-02	4.86E-01	2.81E+01	5.91E+00	1.61E-07	1.02E-07	5.31E-03	2.51E-04	6.77E-03	2.96E+00	3.40E+01	6.84E-05	3.40E+01	3.70E+01	2.97E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-01
WH227303TG	1.50E-02	1.67E+00	-1.86E-01	1.84E+00	8.86E-06	0.00E+00	3.47E+03	6.70E-05	1.55E-03	1.49E-02	2.46E-03	4.18E+00	4.64E-08	7.90E-08	6.15E+00	1.25E-01	3.36E-03	1.17E-02	2.49E-02	5.22E-01	3.69E+01	5.78E+00	1.93E-07	1.06E-07	5.75E-03	2.79E-04	5.77E-01	2.76E+00	3.64E+01	8.87E-05	3.63E+01	4.02E+01	2.88E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH227311K	1.30E-02	2.03E+00	-4.93E-02	1.79E+00	3.01E-06	0.00E+00	1.40E+03	5.69E-05	1.41E-03	1.29E-02	1.68E-03	3.97E+00	3.16E-08	1.23E-07	6.40E+00	1.04E-01	2.27E-03	9.54E-03	1.89E-02	4.85E-01	3.56E+01	4.30E+00	1.47E-07	1.36E-07	4.92E-03	3.90E-04	1.20E+00	1.83E+00	4.14E+01	7.49E-05	4.16E+01	4.37E+01	2.63E+00	0.00E+00	0.00E+00	3.90E-10	8.01E-01
WH227311T	1.41E-02	1.69E+00	-2.06E-01	1.90E+00	3.61E-06	0.00E+00	3.36E+03	7.27E-05	1.68E-03	1.67E-02	3.25E-03	3.49E+00	5.31E-08	1.40E-07	6.37E+00	1.04E-01	4.40E-03	1.07E-02	1.70E-02	5.06E-01	2.93E+01	6.07E+00	1.57E-07	1.05E-07	5.50E-03	2.62E-04	1.68E-02	2.97E+00	3.54E+01	6.86E-05	3.54E+01	3.84E+01	2.98E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-01
WH227311TG	1.50E-02	1.69E+00	-1.77E-01	1.84E+00	8.87E-06	0.00E+00	3.26E+03	6.69E-05	1.56E-03	1.49E-02	2.46E-03	4.19E+00	4.75E-08	1.33E-07	6.14E+00	1.26E-01	3.36E-03	1.16E-02	2.50E-02	5.22E-01	3.71E+01	5.80E+00	1.92E-07	1.06E-07	5.78E-03	3.91E-04	5.83E-01	2.63E+00	3.69E+01	8.84E-05	3.68E+01	4.04E+01	2.87E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH227312K	1.30E-02	2.03E+00	-4.93E-02	1.79E+00	3.01E-06	0.00E+00	1.40E+03	5.69E-05	1.41E-03	1.29E-02	1.68E-03	3.97E+00	3.16E-08	1.23E-07	6.40E+00	1.04E-01	2.27E-03	9.54E-03	1.89E-02	4.85E-01	3.56E+01	4.30E+00	1.47E-07	1.36E-07	4.92E-03	3.90E-04	1.20E+00	1.83E+00	4.14E+01	7.49E-05	4.16E+01	4.37E+01	2.63E+00	0.00E+00	0.00E+00	3.90E-10	8.01E-01
WH227312T	1.40E-02	1.69E+00	-1.78E-01	1.87E+00	3.61E-06	0.00E+00	3.36E+03	7.23E-05	1.63E-03	1.64E-02	3.09E-03	3.48E+00	4.97E-08	1.40E-07	6.24E+00	1.04E-01	4.18E-03	1.05E-02	1.69E-02	4.91E-01	2.90E+01	6.07E+00	1.57E-07	1.04E-07	5.41E-03	2.55E-04	9.50E-02	2.60E+00	3.51E+01	6.86E-05	3.51E+01	3.78E+01	2.70E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-01
WH227312TG	1.50E-02	1.69E+00	-1.77E-01	1.84E+00	8.87E-06	0.00E+00	3.26E+03	6.69E-05	1.56E-03	1.49E-02	2.46E-03	4.19E+00	4.75E-08	1.33E-07	6.14E+00	1.26E-01	3.36E-03	1.16E-02	2.50E-02	5.22E-01	3.71E+01	5.80E+00	1.92E-07	1.06E-07	5.78E-03	3.91E-04	5.83E-01	2.63E+00	3.69E+01	8.84E-05	3.68E+01	4.04E+01	2.87E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH227313K	1.30E-02	2.03E+00	-4.93E-02	1.79E+00	3.01E-06	0.00E+00	1.40E+03	5.69E-05	1.41E-03	1.29E-02	1.68E-03	3.97E+00	3.16E-08	1.23E-07	6.40E+00	1.04E-01	2.27E-03	9.54E-03	1.89E-02	4.85E-01	3.56E+01	4.30E+00	1.47E-07	1.36E-07	4.92E-03	3.90E-04	1.20E+00	1.83E+00	4.14E+01	7.49E-05	4.16E+01	4.37E+01	2.63E+00	0.00E+00	0.00E+00	3.90E-10	8.01E-01
WH227313T	1.40E-02	1.69E+00	-1.78E-01	1.87E+00	3.61E-06	0.00E+00	3.36E+03	7.23E-05	1.63E-03	1.64E-02	3.09E-03	3.48E+00	4.97E-08	1.40E-07	6.24E+00	1.04E-01	4.18E-03	1.05E-02	1.69E-02	4.91E-01	2.90E+01	6.07E+00	1.57E-07	1.04E-07	5.41E-03	2.55E-04	9.50E-02	2.60E+00	3.51E+01	6.86E-05	3.51E+01	3.78E+01	2.70E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-01
WH227313TG	1.50E-02	1.69E+00	-1.77E-01	1.84E+00	8.87E-06	0.00E+00	3.26E+03	6.69E-05	1.56E-03	1.49E-02	2.46E-03	4.19E+00	4.75E-08	1.33E-07	6.14E+00	1.26E-01	3.36E-03	1.16E-02	2.50E-02	5.22E-01	3.71E+01	5.80E+00	1.92E-07	1.06E-07	5.78E-03	3.91E-04	5.83E-01	2.63E+00	3.69E+01	8.84E-05	3.68E+01	4.04E+01	2.87E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH22790000T	1.19E-02	1.17E+00	-1.78E-01	1.19E+00	1.03E-05	0.00E+00	3.39E+03	4.58E-05	1.36E-03	1.25E-02	1.68E-03	3.06E+00	4.39E-08	6.09E-08	4.89E+00	1.22E-01	2.26E-03	8.59E-03	3.02E-02	4.89E-01	2.28E+01	4.02E+00	1.47E-07	7.98E-08	4.34E-03	2.45E-04	1.50E+00	2.55E+00	2.71E+01	7.93E-05	2.70E+01	2.86E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.24E+00
WH22790003T	1.19E-02	1.17E+00	-1.78E-01	1.19E+00	1.03E-05	0.00E+00	3.39E+03	4.58E-05	1.36E-03	1.25E-02	1.68E-03	3.06E+00	4.39E-08	6.09E-08	4.89E+00	1.22E-01	2.26E-03	8.59E-03	3.02E-02	4.89E-01	2.28E+01	4.02E+00	1.47E-07	7.98E-08	4.34E-03	2.45E-04	1.50E+00	2.55E+00	2.71E+01	7.93E-05	2.70E+01	2.86E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.24E+00
WH22892000T	8.64E-03	1.11E+00	-1.78E-01	1.13E+00	1.03E-05	0.00E+00	3.39E+03	4.36E-05	9.25E-04	1.01E-02	1.68E-03	3.04E+00	4.40E-08	5.40E-08	4.93E+00	1.12E-01	2.26E-03	7.93E-03	3.02E-02	4.45E-01	2.05E+01	4.02E+00	1.44E-07	7.30E-08	3.83E-03	2.00E-04	1.51E+00	2.55E+00	2.48E+01	5.53E-05	2.49E+01	2.68E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.25E+00
WH22892003T	8.64E-03	1.11E+00	-1.78E-01	1.13E+00	1.03E-05	0.00E+00	3.39E+03	4.36E-05	9.25E-04	1.01E-02	1.68E-03	3.04E+00	4.40E-08	5.40E-08	4.93E+00	1.12E-01	2.26E-03	7.93E-03	3.02E-02	4.45E-01	2.05E+01	4.02E+00	1.44E-07	7.30E-08	3.83E-03	2.00E-04	1.51E+00	2.55E+00	2.48E+01	5.53E-05	2.49E+01	2.68E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.25E+00

WH22892005T	8.64E-03	1.11E+00	-1.78E-01	1.13E+00	1.03E-05	0.00E+00	3.39E+03	4.36E-05	9.25E-04	1.01E-02	1.68E-03	3.04E+00	4.40E-08	5.40E-08	4.93E+00	1.12E-01	2.26E-03	7.93E-03	3.02E-02	4.45E-01	2.05E+01	4.02E+00	1.44E-07	7.30E-08	3.83E-03	2.00E-04	1.51E+00	2.55E+00	2.48E+01	5.53E-05	2.49E+01	2.68E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.25E+00
WH228921K	1.28E-02	2.02E+00	-4.73E-02	1.77E+00	6.44E-06	0.00E+00	1.35E+03	5.45E-05	1.42E-03	1.30E-02	1.68E-03	4.04E+00	3.06E-08	9.72E-08	8.08E+00	1.43E-01	2.27E-03	1.13E-02	1.96E-02	4.82E-01	3.53E+01	4.26E+00	1.46E-07	1.35E-07	4.90E-03	2.70E-04	1.45E+00	1.80E+00	4.12E+01	7.76E-05	4.12E+01	4.34E+01	2.73E+00	0.00E+00	0.00E+00	3.90E-10	8.11E-01
WH228921T	1.52E-02	1.70E+00	-1.86E-01	1.84E+00	6.32E-06	0.00E+00	3.52E+03	6.20E-05	1.58E-03	1.48E-02	2.48E-03	3.98E+00	3.14E-08	8.03E-08	5.21E+00	1.27E-01	3.37E-03	1.09E-02	1.91E-02	4.95E-01	3.36E+01	6.38E+00	1.90E-07	1.03E-07	5.88E-03	2.81E-04	8.23E-01	2.72E+00	3.67E+01	7.81E-05	3.68E+01	4.11E+01	3.10E+00	0.00E+00	0.00E+00	3.90E-10	8.69E-01
WH228921TG	1.50E-02	1.70E+00	-1.86E-01	1.86E+00	1.31E-05	0.00E+00	3.52E+03	6.25E-05	1.57E-03	1.48E-02	2.48E-03	4.15E+00	4.62E-08	7.78E-08	5.10E+00	1.41E-01	3.37E-03	1.11E-02	2.51E-02	5.21E-01	3.52E+01	6.06E+00	1.94E-07	1.06E-07	5.82E-03	2.80E-04	1.26E+00	2.72E+00	3.71E+01	9.11E-05	3.69E+01	4.09E+01	3.02E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH228924K	1.28E-02	2.02E+00	-4.67E-02	1.77E+00	6.44E-06	0.00E+00	1.35E+03	5.44E-05	1.43E-03	1.30E-02	1.68E-03	4.04E+00	3.18E-08	1.28E-07	8.08E+00	1.43E-01	2.27E-03	1.12E-02	1.96E-02	4.83E-01	3.53E+01	4.26E+00	1.46E-07	1.35E-07	4.92E-03	3.89E-04	1.45E+00	1.76E+00	4.13E+01	7.74E-05	4.13E+01	4.34E+01	2.73E+00	0.00E+00	0.00E+00	3.90E-10	8.17E-01
WH228924T	1.56E-02	1.79E+00	-1.80E-01	1.97E+00	5.88E-06	0.00E+00	3.25E+03	6.89E-05	1.78E-03	1.81E-02	3.29E-03	2.69E+00	4.90E-08	1.26E-07	4.83E+00	1.01E-01	4.45E-03	1.02E-02	1.61E-02	4.79E-01	3.33E+01	6.61E+00	1.95E-07	1.13E-07	6.06E-03	2.44E-04	5.89E-01	2.62E+00	3.99E+01	7.50E-05	3.99E+01	4.31E+01	3.21E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-01
WH228924TG	1.50E-02	1.71E+00	-1.77E-01	1.86E+00	1.31E-05	0.00E+00	3.28E+03	6.27E-05	1.57E-03	1.48E-02	2.48E-03	4.15E+00	4.73E-08	1.33E-07	5.10E+00	1.42E-01	3.37E-03	1.11E-02	2.52E-02	5.21E-01	3.53E+01	6.07E+00	1.93E-07	1.06E-07	5.85E-03	3.91E-04	1.26E+00	2.58E+00	3.76E+01	9.09E-05	3.74E+01	4.11E+01	3.01E+00	0.00E+00	0.00E+00	3.90E-10	1.08E+00
WH23580300Q	5.90E-03	8.53E-01	-1.35E-02	8.67E-01	3.60E-06	0.00E+00	2.61E+02	1.19E-05	7.24E-04	7.48E-03	1.43E-03	1.40E+00	1.04E-08	2.09E-08	2.23E+00	3.35E-02	1.94E-03	5.68E-03	2.19E-02	4.20E-01	1.59E+01	4.34E+00	2.61E-07	4.88E-08	2.94E-03	2.52E-04	8.18E-01	7.62E-01	2.03E+01	1.74E-05	2.03E+01	2.18E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-01
WH23585300Q	5.90E-03	8.53E-01	-1.43E-02	8.67E-01	3.60E-06	0.00E+00	2.61E+02	1.22E-05	7.28E-04	7.60E-03	1.43E-03	1.40E+00	1.04E-08	2.10E-08	2.40E+00	3.38E-02	1.94E-03	5.68E-03	2.18E-02	4.23E-01	1.71E+01	4.30E+00	2.57E-07	5.01E-08	2.94E-03	2.49E-04	1.38E+00	7.56E-01	2.14E+01	1.74E-05	2.14E+01	2.36E+01	2.14E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-01
WH23585303Q	6.81E-03	9.99E-01	8.56E-03	1.01E+00	3.88E-06	0.00E+00	3.62E+02	2.38E-05	7.86E-04	8.24E-03	1.49E-03	2.46E+00	1.02E-08	3.71E-08	4.26E+00	6.66E-02	2.04E-03	5.99E-03	2.38E-02	4.58E-01	1.98E+01	4.35E+00	5.57E-07	6.07E-08	3.19E-03	2.58E-04	1.90E+00	4.80E-01	2.34E+01	2.44E-05	2.34E+01	2.59E+01	2.43E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH23585304Q	6.81E-03	9.99E-01	8.56E-03	1.01E+00	3.88E-06	0.00E+00	3.62E+02	2.38E-05	7.86E-04	8.24E-03	1.49E-03	2.46E+00	1.02E-08	3.71E-08	4.26E+00	6.66E-02	2.04E-03	5.99E-03	2.38E-02	4.58E-01	1.98E+01	4.35E+00	5.57E-07	6.07E-08	3.19E-03	2.58E-04	1.90E+00	4.80E-01	2.34E+01	2.44E-05	2.34E+01	2.59E+01	2.43E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH23585305Q	6.81E-03	9.99E-01	8.56E-03	1.01E+00	3.88E-06	0.00E+00	3.62E+02	2.38E-05	7.86E-04	8.24E-03	1.49E-03	2.46E+00	1.02E-08	3.71E-08	4.26E+00	6.66E-02	2.04E-03	5.99E-03	2.38E-02	4.58E-01	1.98E+01	4.35E+00	5.57E-07	6.07E-08	3.19E-03	2.58E-04	1.90E+00	4.80E-01	2.34E+01	2.44E-05	2.34E+01	2.59E+01	2.43E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH23585306Q	6.81E-03	9.99E-01	8.56E-03	1.01E+00	3.88E-06	0.00E+00	3.62E+02	2.38E-05	7.86E-04	8.24E-03	1.49E-03	2.46E+00	1.02E-08	3.71E-08	4.26E+00	6.66E-02	2.04E-03	5.99E-03	2.38E-02	4.58E-01	1.98E+01	4.35E+00	5.57E-07	6.07E-08	3.19E-03	2.58E-04	1.90E+00	4.80E-01	2.34E+01	2.44E-05	2.34E+01	2.59E+01	2.43E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH23585307Q	6.81E-03	9.99E-01	8.56E-03	1.01E+00	3.88E-06	0.00E+00	3.62E+02	2.38E-05	7.86E-04	8.24E-03	1.49E-03	2.46E+00	1.02E-08	3.71E-08	4.26E+00	6.66E-02	2.04E-03	5.99E-03	2.38E-02	4.58E-01	1.98E+01	4.35E+00	5.57E-07	6.07E-08	3.19E-03	2.58E-04	1.90E+00	4.80E-01	2.34E+01	2.44E-05	2.34E+01	2.59E+01	2.43E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH23585400Q	9.04E-03	1.29E+00	1.83E-02	1.24E+00	1.72E-06	0.00E+00	3.91E+02	3.60E-05	9.32E-04	1.12E-02	1.79E-03	3.10E+00	1.33E-07	4.18E-08	3.91E+00	8.28E-02	2.41E-03	1.38E-02	4.48E-02	5.10E-01	2.25E+01	3.64E+00	6.75E-07	9.30E-08	4.33E-03	2.70E-04	1.89E+00	4.45E-01	2.76E+01	4.67E-05	2.79E+01	3.07E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	1.80E+00
WH23585403Q	9.08E-03	1.30E+00	1.82E-02	1.24E+00	1.95E-06	0.00E+00	3.83E+02	3.19E-05	9.33E-04	1.12E-02	1.79E-03	3.06E+00	1.31E-07	4.17E-08	3.75E+00	8.04E-02	2.41E-03	1.13E-02	3.81E-02	5.10E-01	2.22E+01	3.67E+00	6.75E-07	8.89E-08	4.30E-03	2.69E-04	1.88E+00	4.39E-01	2.75E+01	4.28E-05	2.77E+01	3.04E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	1.63E+00
WH23585405Q	9.08E-03	1.30E+00	1.82E-02	1.24E+00	1.95E-06	0.00E+00	3.83E+02	3.19E-05	9.33E-04	1.12E-02	1.79E-03	3.06E+00	1.31E-07	4.17E-08	3.75E+00	8.04E-02	2.41E-03	1.13E-02	3.81E-02	5.10E-01	2.22E+01	3.67E+00	6.75E-07	8.89E-08	4.30E-03	2.69E-04	1.88E+00	4.39E-01	2.75E+01	4.28E-05	2.77E+01	3.04E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	1.63E+00
WH23585406Q	9.08E-03	1.30E+00	1.82E-02	1.24E+00	1.95E-06	0.00E+00	3.83E+02	3.19E-05	9.33E-04	1.12E-02	1.79E-03	3.06E+00	1.31E-07	4.17E-08	3.75E+00	8.04E-02	2.41E-03	1.13E-02	3.81E-02	5.10E-01	2.22E+01	3.67E+00	6.75E-07	8.89E-08	4.30E-03	2.69E-04	1.88E+00	4.39E-01	2.75E+01	4.28E-05	2.77E+01	3.04E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	1.63E+00
WH23592200Q	7.70E-03	1.10E+00	-1.37E-02	1.11E+00	2.50E-08	0.00E+00	3.12E+02	3.46E-05	8.94E-04	9.43E-03	1.79E-03	3.39E+00	1.77E-07	3.60E-08	3.41E+00	6.62E-02	2.43E-03	1.60E-02	4.70E-02	5.27E-01	2.27E+01	4.36E+00	3.16E-07	9.56E-08	3.61E-03	2.95E-04	1.53E+00	8.01E-01	2.71E+01	4.73E-05	2.71E+01	2.94E+01	2.33E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
WH23592203Q	8.98E-03	1.29E+00	1.89E-02	1.23E+00	1.55E-06	0.00E+00	3.80E+02	3.20E-05	9.26E-04	1.11E-02	1.79E-03	3.14E+00	1.52E-07	4.15E-08	3.65E+00	7.77E-02	2.42E-03	1.26E-02	3.99E-02	5.16E-01	2.23E+01	3.66E+00	7.61E-07	9.06E-08	4.30E-03	2.76E-04	1.94E+00	4.49E-01	2.77E+01	4.35E-05	2.80E+01	3.06E+01	2.55E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
WH23592204Q	8.96E-03	1.29E+00	1.89E-02	1.23E+00	1.55E-06	0.00E+00	3.80E+02	3.20E-05	9.26E-04	1.11E-02	1.79E-03	3.14E+00	1.52E-07	4.17E-08	3.65E+00	7.77E-02	2.42E-03	1.26E-02	3.99E-02	5.15E-01	2.23E+01	3.66E+00	7.63E-07	9.05E-08	4.30E-03	2.72E-04	1.94E+00	4.49E-01	2.76E+01	4.35E-05	2.79E+01	3.05E+01	2.55E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
WH23592205Q	8.98E-03	1.29E+00	1.89E-02	1.23E+00	1.55E-06	0.00E+00	3.80E+02	3.20E-05	9.26E-04	1.11E-02	1.79E-03	3.14E+00	1.52E-07	4.15E-08	3.65E+00	7.77E-02	2.42E-03	1.26E-02	3.99E-02	5.16E-01	2.23E+01	3.66E+00	7.61E-07	9.06E-08	4.30E-03	2.76E-04	1.94E+00	4.49E-01	2.77E+01	4.35E-05	2.80E+01	3.06E+01	2.55E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
WH23592206Q	8.98E-03	1.29E+00	1.89E-02	1.23E+00	1.55E-06	0.00E+00	3.80E+02	3.20E-05	9.26E-04	1.11E-02	1.79E-03	3.14E+00	1.52E-07	4.15E-08	3.65E+00	7.77E-02	2.42E-03	1.26E-02	3.99E-02	5.16E-01	2.23E+01	3.66E+00	7.61E-07	9.06E-08	4.30E-03	2.76E-04	1.94E+00	4.49E-01	2.77E+01	4.35E-05	2.80E+01	3.06E+01	2.55E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
WH23593200Q	1.41E-02	1.53E+00	-3.56E-02	1.61E+00	6.30E-06	0.00E+00	6.67E+02	3.83E-05	1.46E-03	1.46E-02	2.04E-03	2.92E+00	2.36E-08	5.66E-08	5.21E+00	1.28E-01	2.71E-03	1.16E-02	2.48E-02	4.72E-01	2.62E+01	4.58E+00	4.37E-07	8.50E-08	5.08E-03	2.83E-04	1.63E+00	7.63E-01	3.53E+01	6.81E-05	3.54E+01	3.89E+01	2.66E+00	0.00E+00	0.00E+00	3.90E-10	1.07E+00
WH23593203Q	1.39E-02	1.59E+00	-4.22E-02	1.76E+00	6.30E-06	0.00E+00	6.52E+02	4.51E-05	1.48E-03	1.44E-02	2.48E-03	2.90E+00	3.03E-08	6.25E-08	5.04E+00	1.19E-01	3.37E-03	1.18E-02	2.51E-02	4.86E-01	2.61E+01	6.31E+00	4.47E-07	9.43E-08	5.06E-03	2.88E-04	1.66E+00	1.79E+00	3.62E+01	6.59E-05	3.62E+01	3.97E+01	2.90E+00	0.00E+00	0.00E+00	3.90E-10	1.11E+00
WH23593205Q	1.39E-02	1.59E+00	-4.22E-02	1.76E+00	6.30E-06	0.00E+00	6.52E+02	4.51E-05	1.48E-03	1.44E-02	2.48E-03	2.90E+00	3.03E-08	6.25E-08	5.04E+00	1.19E-01	3.37E-03	1.18E-02	2.51E-02	4.86E-01	2.61E+01	6.31E+00	4.47E-07	9.43E-08	5.06E-03	2.88E-04	1.66E+00	1.79E+00	3.62E+01	6.59E-05	3.62E+01	3.97E+01	2.90E+00	0.00E+00	0.00E+00	3.90E-10	1.11E+00
WH23593206Q	1.39E-02	1.59E+00	-4.22E-02	1.76E+00	6.30E-06	0.00E+00	6.52E+02	4.51E-05	1.48E-03	1.44E-02	2.48E-03	2.90E+00	3.03E-08	6.25E-08	5.04E+00	1.19E-01	3.37E-03	1.18E-02	2.51E-02	4.86E-01	2.61E+01	6.31E+00	4.47E-07	9.43E-08	5.06E-03	2.88E-04	1.66E+00	1.79E+00	3.62E+01	6.59E-05	3.62E+01	3.97E+01	2.90E+00	0.00E+00	0.00E+00	3.90E-10	1.11E+00
WH23595200Q	7.70E-03	1.10E+00	-1.37E-02	1.11E+00	2.50E-08	0.00E+00	3.12E+02	3.46E-05	8.95E-04	9.43E-03	1.79E-03	3.39E+00	1.77E-07	3.60E-08	3.41E+00	6.62E-02	2.43E-03	1.60E-02	4.70E-02	5.27E-01	2.28E+01	4.36E+00	3.16E-07	9.56E-08	3.61E-03	2.95E-04	1.54E+00	8.01E-01	2.71E+01	4.73E-05	2.71E+01	2.95E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
WH23595203Q	8.98E-03	1.30E+00	1.89E-02	1.23E+00	1.55E-06	0.00E+00	3.78E+02	3.11E-05	9.28E-04	1.11E-02	1.79E-03	3.14E+00	1.51E-07	4.15E-08	3.69E+00	7.77E-02	2.42E-03	1.21E-02	3.97E-02	5.18E-01	2.22E+01	3.66E+00	7.61E-07	8.91E-08	4.30E-03	2.76E-04	1.93E+00	4.48E-01	2.76E+01	4.35E-05	2.79E+01	3.04E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
WH23595204Q	8.98E-03	1.30E+00	1.89E-02	1.23E+00	1.55E-06	0.00E+00	3.78E+02	3.11E-05	9.28E-04	1.11E-02	1.79E-03	3.14E+00	1.51E-07	4.15E-08	3.69E+00	7.77E-02	2.42E-03	1.21E-02	3.97E-02	5.18E-01	2.22E+01	3.66E+00	7.61E-07	8.91E-08	4.30E-03	2.76E-04	1.93E+00	4.48E-01	2.76E+01	4.35E-05	2.79E+01	3.04E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
WH23595205Q	8.98E-03	1.30E+00	1.89E-02	1.23E+00	1.55E-06	0.00E+00	3.78E+02	3.11E-05	9.28E-04	1.11E-02	1.79E-03	3.14E+00	1.51E-07	4.15E-08	3.69E+00	7.77E-02	2.42E-03	1.21E-02	3.97E-02	5.18E-01	2.22E+01	3.66E+00	7.61E-07	8.91E-08	4.30E-03	2.76E-04	1.93E+00	4.48E-01	2.76E+01	4.35E-05	2.79E+01	3.04E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
WH23595206Q	8.98E-03	1.30E+00	1.89E-02	1.23E+00	1.55E-06	0.00E+00	3.78E+02	3.11E-05	9.28E-04	1.11E-02	1.79E-03	3.14E+00	1.51E-07	4.15E-08	3.69E+00	7.77E-02	2.42E-03	1.21E-02	3.97E-02	5.18E-01	2.22E+01	3.66E+00	7.61E-07	8.91E-08	4.30E-03	2.76E-04	1.93E+00	4.48E-01	2.76E+01	4.35E-05	2.79E+01	3.04E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
WH23596200Q	8.25E-03	1.03E+00	-1.20E-02	1.04E+00	5.88E-06	0.00E+00	5.11E+02	3.01E-05	8.70E-04	9.22E-03	1.61E-03	2.56E+00	1.31E-08	4.53E-08	5.18E+00	8.41E-02	2.17E-03	8.29E-03	2.54E-02	4.72E-01	2.13E+01	4.74E+00	2.75E-07	6.60E-08	3.50E-03	2.63E-04	1.98E+00	7.83E-01	2.60E+01	3.08E-05	2.60E+01	2.88E+01	2.76E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
WH23596203Q	1.07E-02	1.40E+00	-4.32E-02	1.48E+00	6.25E-06	0.00E+00	4.64E+02	3.69E-05	1.04E-03	1.17E-02	2.45E-03	2.86E+00	3.07E-08	5.66E-08	5.17E+00	1.02E-01	3.37E-03	1.13E-02	2.50E-02	4.83E-01	2.21E+01	6.43E+00	4.47E-07	8.08E-08	4.37E-03	2.81E-04	1.67E+00	1.78E+00	3.19E+01	5.44E-05	3.20E+01	3.49E+01	2.87E+00	0.00E+00	0.00E+00	3.90E-10	1.11E+00
WH23596204Q	1.07E-02	1.40E+00	-4.32E-02	1.48E+00	6.25E-06	0.00E+00	4.64E+02	3.69E-05	1.04E-03	1.17E-02	2.45E-03	2.86E+00	3.07E-08	5.66E-08	5.17E+00	1.02E-01	3.37E-03	1.13E-02	2.50E-02	4.83E-01	2.21E+01	6.43E+00	4.47E-07	8.08E-08	4.37E-03	2.81E-04	1.67E+00	1.78E+00	3.19E+01	5.44E-05	3.20E+01	3.49E+01	2.87E+00	0.00E+00	0.00E+00	3.90E-10	1.11E+00
WH23596205Q	1.07E-02	1.40E+00	-4.32E-02	1.48E+00	6.25E-06	0.00E+00	4.64E+02	3.69E-05	1.04E-03	1.17E-02	2.45E-03	2.86E+00	3.07E-08	5.66E-08	5.17E+00	1.02E-01	3.37E-03	1.13E-02	2.50E-02	4.83E-01	2.21E+01	6.43E+00	4.47E-07	8.08E-08	4.37E-03	2.81E-04	1.67E+00	1.78E+00	3.19E+01	5.44E-05	3.20E+01	3.49E+01	2.87E+00	0.00E+00	0.00E+00	3.90E-10	1.11E+00
WH23596206Q	1.07E-02	1.40E+00	-4.32E-02	1.48E+00	6.25E-06	0.00E+00	4.64E+02	3.69E-05	1.04E-03	1.17E-02	2.45E-03	2.86E+00	3.07E-08	5.66E-08	5.17E+00	1.02E-01	3.37E-03	1.13E-02	2.50E-02	4.83E-01	2.21E+01	6.43E+00	4.47E-07	8.08E-08	4.37E-03	2.81E-04	1.67E+00	1.78E+00	3.19E+01	5.44E-05	3.20E+01	3.49E+01	2.87E+00	0.00E+00	0.00E+00	3.90E-10	1.11E+00
WH23596209Q	1.07E-02	1.40E+00	-4.32E-02	1.48E+00	6.25E-06	0.00E+00	4.64E+02	3.69E-05	1.04E-03	1.17E-02	2.45E-03	2.86E+00	3.07E-08	5.66E-08	5.17E+00	1.02E-01	3.37E-03	1.13E-02	2.50E-02	4.83E-01	2.21E+01	6.43E+00	4.47E-07	8.08E-08	4.37E-03	2.81E-04	1.67E+00	1.78E+00	3.19E+01	5.44E-05	3.20E+01	3.49E+01	2.87E+00	0.00E+00	0.00E+00	3.90E-10	1.11E+00
WH23600700Q	5.33E-02	8.39E+00	1.45E-02	8.37E+00	1.66E-08	0.00E+00	6.38E+02	5.13E-05	5.58E-03	5.88E-02	1.87E-03	4.09E+00	6.75E-09	1.44E-07	6.73E+00	1.09E-01	2.54E-03	1.19E-02	5.87E-02	2.12E+00	1.01E+02	5.15E+00	1.19E-06	3.24E-07	2.02E-02	1.02E-03	4.43E+00	5.36E-01	1.07E+02	1.51E-04	1.07E+02	1.11E+02	4.97E+00	0.00E+00	0.00E+00	0.00E+00	2.52E+00
WH23620300Q	8.01E-03	9.86E-01	9.22E-03	9.77E-01	3.61E-06	0.00E+00	4.23E+02	2.54E-05	8.06E-04	8.53E-03	1.48E-03	2.56E+00	9.84E-09	4.43E-08	4.99E+00	6.95E-02	2.00E-03	7.52E-03	2.62E-02	4.59E-01	1.90E+01	4.62E+00	2.78E-07	6.30E-08	3.35E-03	2.66E-04	1.53E+00	5.15E-01	2.37E+01	3.03E-05	2.37E+01	2.57E+01	2.04E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
WH23620303Q	7.94E-03	1.05E+00	9.11E-03	1.04E+00	3.90E-06	0.00E+00	4.57E+02	2.72E-05	8.44E-04	8.98E-03	1.53E-03	2.68E+00	1.12E-08	4.42E-08	5.10E+00	7.44E-02	2.06E-03	7.19E-03	2.61E-02	4.71E-01	2.05E+01	4.65E+00	6.37E-07	6.54E-08	3.38E-03	2.66E-04	2.02E+00	5.03E-01	2.56E+01	3.05E-05	2.56E+01	2.83E+01	2.53E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH23620304Q	7.94E-03	1.05E+00	9.11E-03	1.04E+00	3.90E-06	0.00E+00	4.57E+02	2.72E-05	8.44E-04	8.98E-03	1.53E-03	2.68E+00	1.12E-08	4.42E-08	5.10E+00	7.44E-02	2.06E-03	7.19E-03	2.61E-02	4.71E-01	2.05E+01	4.65E+00	6.37E-07	6.54E-08	3.38E-03	2.66E-04	2.02E+00	5.03E-01	2.56E+01	3.05E-05	2.56E+01	2.83E+01	2.53E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH23620305Q	7.94E-03	1.05E+00	9.11E-03	1.04E+00	3.90E-06	0.00E+00	4.57E+02	2.72E-05	8.44E-04	8.98E-03	1.53E-03	2.68E+00	1.12E-08	4.42E-08	5.10E+00	7.44E-02	2.06E-03	7.19E-03	2.61E-02	4.71E-01	2.05E+01	4.65E+00	6.37E-07	6.54E-08	3.38E-03	2.66E-04	2.02E+00	5.03E-01	2.56E+01	3.05E-05	2.56E+01	2.83E+01	2.53E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH23620306Q	7.94E-03	1.05E+00	9.11E-03	1.04E+00	3.90E-06	0.00E+00	4.57E+02	2.72E-05	8.44E-04	8.98E-03	1.53E-03	2.68E+00	1.12E-08	4.42E-08	5.10E+00	7.44E-02	2.06E-03	7.19E-03	2.61E-02	4.71E-01	2.05E+01	4.65E+00	6.37E-07	6.54E-08	3.38E-03	2.66E-04	2.02E+00	5.03E-01	2.56E+01	3.05E-05	2.56E+01	2.83E+01	2.53E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH23620307Q	7.94E-03	1.05E+00	9.11E-03	1.04E+00	3.90E-06	0.00E+00	4.57E+02	2.72E-05	8.44E-04	8.98E-03	1.53E-03	2.68E+00	1.12E-08	4.42E-08	5.10E+00	7.44E-02	2.06E-03	7.19E-03	2.61E-02	4.71E-01	2.05E+01	4.65E+00	6.37E-07	6.54E-08	3.38E-03	2.66E-04	2.02E+00	5.03E-01	2.56E+01	3.05E-05	2.56E+01	2.83E+01	2.53E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH23620309Q	7.94E-03	1.05E+00	9.11E-03	1.04E+00	3.90E-06	0.00E+00	4.57E+02	2.72E-05	8.44E-04	8.98E-03	1.53E-03	2.68E+00	1.12E-08	4.42E-08	5.10E+00	7.44E-02	2.06E-03	7.19E-03	2.61E-02	4.71E-01	2.05E+01	4.65E+00	6.37E-07	6.54E-08	3.38E-03	2.66E-04	2.02E+00	5.03E-01	2.56E+01	3.05E-05	2.56E+01	2.83E+01	2.53E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH23620700Q	9.11E-03	1.08E+00	9.14E-03	1.08E+00	4.01E-06	0.00E+00	5.31E+02	3.30E-05	8.93E-04	9.79E-03	1.52E-03	2.93E+00	1.35E-08	4.98E-08	5.23E+00	8.11E-02	2.07E-03	8.44E-03	2.59E-02	4.84E-01	3.10E+01	4.62E+00	6.29E-07	7.19E-08	3.51E-03	2.76E-04	2.10E+00	5.07E-01	2.93E+01	4.12E-05	2.93E+01	3.15E+01	2.42E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH23620703Q	7.59E-03	1.05E+00	9.11E-03	1.04E+00	3.99E-06	0.00E+00	4.61E+02	2.75E-05	8.43E-04	8.98E-03	1.53E-03	2.68E+00	1.12E-08	4.50E-08	5.19E+00	7.53E-02	2.06E-03	7.26E-03	2.61E-02	4.71E-01	2.05E+01	4.65E+00	6.37E-07	6.51E-08	3.38E-03	2.66E-04	2.02E+00	5.03E-01	2.56E+01	3.09E-05	2.56E+01	2.83E+01	2.53E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH23620705Q	7.59E-03	1.05E+00	9.11E-03	1.04E+00	3.99E-06	0.00E+00	4.61E+02	2.75E-05	8.43E-04	8.98E-03	1.53E-03	2.68E+00	1.12E-08	4.50E-08	5.19E+00	7.53E-02	2.06E-03	7.26E-03	2.61E-02	4.71E-01	2.05E+01	4.65E+00	6.37E-07	6.51E-08	3.38E-03	2.66E-04	2.02E+00	5.03E-01	2.56E+01	3.09E-05	2.56E+01	2.83E+01	2.53E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH23620709Q	7.59E-03	1.05E+00	9.11E-03	1.04E+00	3.99E-06	0.00E+00	4.61E+02	2.75E-05	8.43E-04	8.98E-03	1.53E-03	2.68E+00	1.12E-08	4.50E-08	5.19E+00	7.53E-02	2.06E-03	7.26E-03	2.61E-02	4.71E-01	2.05E+01	4.65E+00	6.37E-07	6.51E-08	3.38E-03	2.66E-04	2.02E+00	5.03E-01	2.56E+01	3.09E-05	2.56E+01	2.83E+01	2.53E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH23623300Q	9.23E-03	1.10E+00	9.13E-03	1.10E+00	4.49E-06	0.00E+00	5.63E+02	3.31E-05	8.97E-04	9.83E-03	1.59E-03	2.95E+00	1.37E-08	4.96E-08	5.23E+00	8.25E-02	2.15E-03	8.38E-03	2.62E-02	4.88E-01	2.97E+01	4.63E+00	8.05E-07	7.29E-08	3.54E-03	2.79E-04	2.39E+00	5.08E-01	2.90E+01	4.27E-05	2.90E+01	3.07E+01	2.57E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH23623303Q	7.92E-03	1.07E+00	9.11E-03	1.07E+00	4.88E-06	0.00E+00	4.92E+02	2.78E-05	8.50E-04	9.06E-03	1.58E-03	2.69E+00	1.15E-08	4.45E-08	5.16E+00	7.67E-02	2.15E-03	7.24E-03	2.63E-02	4.76E-01	2.08E+01	4.69E+00	8.12E-07	6.63E-08	3.42E-03	2.70E-04	2.31E+00	5.05E-01	2.59E+01	3.08E-05	2.58E+01	2.85E+01	2.77E+00	0.00E+00	0.00E+00	3.90E-10	1.14E+00
WH23623304Q	7.92E-03	1.07E+00	9.11E-03	1.07E+00	4.88E-06	0.00E+00	4.92E+02	2.78E-05	8.50E-04	9.06E-03	1.58E-03	2.69E+00	1.15E-08	4.45E-08	5.16E+00	7.67E-02	2.15E-03	7.24E-03	2.63E-02	4.76E-01	2.08E+01	4.69E+00	8.12E-07	6.63E-08	3.42E-03	2.70E-04	2.31E+00	5.05E-01	2.59E+01	3.08E-05	2.58E+01	2.85E+01	2.77E+00	0.00E+00	0.00E+00	3.90E-10	1.14E+00
WH23623309Q	7.92E-03	1.07E+00	9.11E-03	1.07E+00	4.88E-06	0.00E+00	4.92E+02	2.78E-05	8.50E-04	9.06E-03	1.58E-03	2.69E+00	1.15E-08	4.45E-08	5.16E+00	7.67E-02	2.15E-03	7.24E-03	2.63E-02	4.76E-01	2.08E+01	4.69E+00	8.12E-07	6.63E-08	3.42E-03	2.70E-04	2.31E+00	5.05E-01	2.59E+01	3.08E-05	2.58E+01	2.85E+01	2.77E+00	0.00E+00	0.00E+00	3.90E-10	1.14E+00
WH23625300Q	8.12E-03	9.85E-01	-1.06E-02	9.96E-01	3.61E-06	0.00E+00	4.08E+02	2.54E-05	8.37E-04	8.79E-03	1.58E-03	2.56E+00	1.23E-08	4.43E-08	5.00E+00	6.94E-02	2.14E-03	7.63E-03	2.60E-02	4.73E-01	1.93E+01	4.61E+00	2.78E-07	6.37E-08	3.42E-03	2.72E-04	1.48E+00	7.88E-01	2.39E+01	3.04E-05	2.39E+01	2.62E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
WH23625303Q	8.63E-03	1.10E+00	1.28E-02	1.08E+00	3.95E-06	0.00E+00	4.58E+02	2.98E-05	9.23E-04	1.02E-02	1.66E-03	2.90E+00	1.74E-08	4.95E-08	5.25E+00	7.48E-02	2.24E-03	7.32E-03	2.66E-02	4.82E-01	2.03E+01	4.74E+00	6.50E-07	6.74E-08	3.65E-03	2.74E-04	2.06E+00	5.07E-01	2.54E+01	3.24E-05	2.54E+01	2.79E+01	2.42E+00	0.00E+00	0.00E+00	3.90E-10	1.15E+00
WH23625304Q	8.63E-03	1.10E+00	1.28E-02	1.08E+00	3.95E-06	0.00E+00	4.58E+02	2.98E-05	9.23E-04	1.02E-02	1.66E-03	2.90E+00	1.74E-08	4.95E-08	5.25E+00	7.48E-02	2.24E-03	7.32E-03	2.66E-02	4.82E-01	2.03E+01	4.74E+00	6.50E-07	6.74E-08	3.65E-03	2.74E-04	2.06E+00	5.07E-01	2.54E+01	3.24E-05	2.54E+01	2.79E+01	2.42E+00	0.00E+00	0.00E+00	3.90E-10	1.15E+00
WH23625305Q	8.63E-03	1.10E+00	1.28E-02	1.08E+00	3.95E-06	0.00E+00	4.58E+02	2.98E-05	9.23E-04	1.02E-02	1.66E-03	2.90E+00	1.74E-08	4.95E-08	5.25E+00	7.48E-02	2.24E-03	7.32E-03	2.66E-02	4.82E-01	2.03E+01	4.74E+00	6.50E-07	6.74E-08	3.65E-03	2.74E-04	2.06E+00	5.07E-01	2.54E+01	3.24E-05	2.54E+01	2.79E+01	2.42E+00	0.00E+00	0.00E+00	3.90E-10	1.15E+00
WH23625306Q	8.63E-03	1.10E+00	1.28E-02	1.08E+00	3.95E-06	0.00E+00	4.58E+02	2.98E-05	9.23E-04	1.02E-02	1.66E-03	2.90E+00	1.74E-08	4.95E-08	5.25E+00	7.48E-02	2.24E-03	7.32E-03	2.66E-02	4.82E-01	2.03E+01	4.74E+00	6.50E-07	6.74E-08	3.65E-03	2.74E-04	2.06E+00	5.07E-01	2.54E+01	3.24E-05	2.54E+01	2.79E+01	2.42E+00	0.00E+00	0.00E+00	3.90E-10	1.15E+00
WH23625309Q	8.63E-03	1.10E+00	1.28E-02	1.08E+00	3.95E-06	0.00E+00	4.58E+02	2.98E-05	9.23E-04	1.02E-02	1.66E-03	2.90E+00	1.74E-08	4.95E-08	5.25E+00	7.48E-02	2.24E-03	7.32E-03	2.66E-02	4.82E-01	2.03E+01	4.74E+00	6.50E-07	6.74E-08	3.65E-03	2.74E-04	2.06E+00	5.07E-01	2.54E+01	3.24E-05	2.54E+01	2.79E+01	2.42E+00	0.00E+00	0.00E+00	3.90E-10	1.15E+00
WH23625700Q	7.65E-03	1.05E+00	9.12E-03	1.04E+00	4.02E-06	0.00E+00	4.57E+02	2.94E-05	8.42E-04	9.01E-03	1.53E-03	2.70E+00	1.17E-08	4.52E-08	5.17E+00	7.70E-02	2.08E-03	7.75E-03	2.61E-02	4.75E-01	2.08E+01	4.66E+00	6.37E-07	6.75E-08	3.42E-03	2.67E-04	2.08E+00	5.07E-01	2.57E+01	3.38E-05	2.56E+01	2.84E+01	2.55E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH23625704Q	7.70E-03	1.05E+00	9.11E-03	1.04E+00	4.00E-06	0.00E+00	4.61E+02	2.89E-05	8.45E-04	9.03E-03	1.53E-03	2.70E+00	1.14E-08	4.50E-08	5.18E+00	7.53E-02	2.08E-03	7.31E-03	2.62E-02	4.74E-01	2.05E+01	4.65E+00	6.37E-07	6.53E-08	3.42E-03	2.66E-04	2.07E+00	5.03E-01	2.55E+01	3.11E-05	2.55E+01	2.83E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH23628300Q	7.92E-03	1.07E+00	9.12E-03	1.07E+00	4.83E-06	0.00E+00	4.88E+02	2.96E-05	8.47E-04	9.07E-03	1.58E-03	2.70E+00	1.18E-08	4.48E-08	5.16E+00	7.84E-02	2.15E-03	7.64E-03	2.63E-02	4.78E-01	2.10E+01	4.68E+00	8.12E-07	6.79E-08	3.43E-03	2.71E-04	2.32E+00	5.08E-01	2.58E+01	3.38E-05	2.58E+01	2.84E+01	2.76E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH23628307Q	7.99E-03	1.07E+00	9.11E-03	1.07E+00	4.88E-06	0.00E+00	4.92E+02	2.86E-05	8.50E-04	9.09E-03	1.58E-03	2.69E+00	1.15E-08	4.45E-08	5.16E+00	7.67E-02	2.15E-03	7.25E-03	2.64E-02	4.77E-01	2.07E+01	4.69E+00	8.12E-07	6.64E-08	3.43E-03	2.70E-04	2.31E+00	5.05E-01	2.58E+01	3.10E-05	2.58E+01	2.85E+01	2.79E+00	0.00E+00	0.00E+00	3.90E-10	1.14E+00
WH23640300Q	9.39E-03	1.09E+00	-1.06E-02	1.10E+00	3.61E-06	0.00E+00	6.46E+02	3.36E-05	9.01E-04	9.37E-03	1.69E-03	3.35E+00	1.42E-08	6.00E-08	6.29E+00	8.69E-02	2.29E-03	8.92E-03	2.83E-02	4.86E-01	1.84E+01	4.91E+00	2.87E-07	7.02E-08	3.69E-03	2.82E-04	5.38E-01	7.98E-01	2.33E+01	3.92E-05	2.33E+01	2.46E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
WH23640303Q	7.01E-03	6.70E-01	-4.73E-02	6.91E-01	3.56E-06	0.00E+00	6.63E+02	3.79E-05	5.41E-04	6.13E-03	7.82E-04	3.33E+00	1.98E-08	5.85E-08	6.20E+00	8.85E-02	1.14E-03	8.26E-03	2.06E-02	3.15E-01	1.37E+01	2.09E+00	5.26E-07	5.82E-08	2.19E-03	2.48E-04	7.85E-01	1.85E+00	1.54E+01	5.91E-05	1.54E+01	1.62E+01	1.54E+00	0.00E+00	0.00E+00	3.90E-10	9.46E-01
WH23640304Q	7.01E-03	6.70E-01	-4.73E-02	6.91E-01	3.56E-06	0.00E+00	6.63E+02	3.79E-05	5.41E-04	6.13E-03	7.82E-04	3.33E+00	1.98E-08	5.85E-08	6.20E+00	8.85E-02	1.14E-03	8.26E-03	2.06E-02	3.15E-01	1.37E+01	2.09E+00	5.26E-07	5.82E-08	2.19E-03	2.48E-04	7.85E-01	1.85E+00	1.54E+01	5.91E-05	1.54E+01	1.62E+01	1.54E+00	0.00E+00	0.00E+00	3.90E-10	9.46E-01
WH23640305Q	7.01E-03	6.70E-01	-4.73E-02	6.91E-01	3.56E-06	0.00E+00	6.63E+02	3.79E-05	5.41E-04	6.13E-03	7.82E-04	3.33E+00	1.98E-08	5.85E-08	6.20E+00	8.85E-02	1.14E-03	8.26E-03	2.06E-02	3.15E-01	1.37E+01	2.09E+00	5.26E-07	5.82E-08	2.19E-03	2.48E-04	7.85E-01	1.85E+00	1.54E+01	5.91E-05	1.54E+01	1.62E+01	1.54E+00	0.00E+00	0.00E+00	3.90E-10	9.46E-01
WH23640306Q	7.01E-03	6.70E-01	-4.73E-02	6.91E-01	3.56E-06	0.00E+00	6.63E+02	3.79E-05	5.41E-04	6.13E-03	7.82E-04	3.33E+00	1.98E-08	5.85E-08	6.20E+00	8.85E-02	1.14E-03	8.26E-03	2.06E-02	3.15E-01	1.37E+01	2.09E+00	5.26E-07	5.82E-08	2.19E-03	2.48E-04	7.85E-01	1.85E+00	1.54E+01	5.91E-05	1.54E+01	1.62E+01	1.54E+00	0.00E+00	0.00E+00	3.90E-10	9.46E-01
WH23640307Q	7.01E-03	6.70E-01	-4.73E-02	6.91E-01	3.56E-06	0.00E+00	6.63E+02	3.79E-05	5.41E-04	6.13E-03	7.82E-04	3.33E+00	1.98E-08	5.85E-08	6.20E+00	8.85E-02	1.14E-03	8.26E-03	2.06E-02	3.15E-01	1.37E+01	2.09E+00	5.26E-07	5.82E-08	2.19E-03	2.48E-04	7.85E-01	1.85E+00	1.54E+01	5.91E-05	1.54E+01	1.62E+01	1.54E+00	0.00E+00	0.00E+00	3.90E-10	9.46E-01
WH23640309Q	7.01E-03	6.70E-01	-4.73E-02	6.91E-01	3.56E-06	0.00E+00	6.63E+02	3.79E-05	5.41E-04	6.13E-03	7.82E-04	3.33E+00	1.98E-08	5.85E-08	6.20E+00	8.85E-02	1.14E-03	8.26E-03	2.06E-02	3.15E-01	1.37E+01	2.09E+00	5.26E-07	5.82E-08	2.19E-03	2.48E-04	7.85E-01	1.85E+00	1.54E+01	5.91E-05	1.54E+01	1.62E+01	1.54E+00	0.00E+00	0.00E+00	3.90E-10	9.46E-01
WH23640700Q	7.19E-03	6.79E-01	-4.63E-02	7.14E-01	4.09E-06	0.00E+00	6.11E+02	4.39E-05	5.58E-04	6.11E-03	7.78E-04	3.38E+00	2.02E-08	6.09E-08	6.54E+00	9.55E-02	1.14E-03	8.81E-03	2.08E-02	3.19E-01	1.64E+01	2.04E+00	5.21E-07	5.66E-08	2.25E-03	2.54E-04	8.87E-01	1.85E+00	1.87E+01	6.79E-05	1.88E+01	1.99E+01	1.76E+00	0.00E+00	0.00E+00	3.90E-10	9.68E-01
WH23640703Q	7.03E-03	6.65E-01	-4.73E-02	6.89E-01	4.17E-06	0.00E+00	5.16E+02	3.80E-05	5.39E-04	6.10E-03	7.82E-04	3.41E+00	1.96E-08	6.05E-08	6.55E+00	9.21E-02	1.14E-03	8.36E-03	2.07E-02	3.15E-01	1.37E+01	2.05E+00	5.26E-07	5.83E-08	2.19E-03	2.48E-04	8.30E-01	1.85E+00	1.55E+01	5.99E-05	1.55E+01	1.62E+01	1.64E+00	0.00E+00	0.00E+00	3.90E-10	9.45E-01
WH23640704Q	7.03E-03	6.65E-01	-4.73E-02	6.89E-01	4.17E-06	0.00E+00	5.16E+02	3.80E-05	5.39E-04	6.10E-03	7.82E-04	3.41E+00	1.96E-08	6.05E-08	6.55E+00	9.21E-02	1.14E-03	8.36E-03	2.07E-02	3.15E-01	1.37E+01	2.05E+00	5.26E-07	5.83E-08	2.19E-03	2.48E-04	8.30E-01	1.85E+00	1.55E+01	5.99E-05	1.55E+01	1.62E+01	1.64E+00	0.00E+00	0.00E+00	3.90E-10	9.45E-01
WH23640705Q	7.03E-03	6.65E-01	-4.73E-02	6.89E-01	4.17E-06	0.00E+00	5.16E+02	3.80E-05	5.39E-04	6.10E-03	7.82E-04	3.41E+00	1.96E-08	6.05E-08	6.55E+00	9.21E-02	1.14E-03	8.36E-03	2.07E-02	3.15E-01	1.37E+01	2.05E+00	5.26E-07	5.83E-08	2.19E-03	2.48E-04	8.30E-01	1.85E+00	1.55E+01	5.99E-05	1.55E+01	1.62E+01	1.64E+00	0.00E+00	0.00E+00	3.90E-10	9.45E-01
WH23640707Q	7.03E-03	6.65E-01	-4.73E-02	6.89E-01	4.17E-06	0.00E+00	5.16E+02	3.80E-05	5.39E-04	6.10E-03	7.82E-04	3.41E+00	1.96E-08	6.05E-08	6.55E+00	9.21E-02	1.14E-03	8.36E-03	2.07E-02	3.15E-01	1.37E+01	2.05E+00	5.26E-07	5.83E-08	2.19E-03	2.48E-04	8.30E-01	1.85E+00	1.55E+01	5.99E-05	1.55E+01	1.62E+01	1.64E+00	0.00E+00	0.00E+00	3.90E-10	9.45E-01
WH23640709Q	7.03E-03	6.65E-01	-4.73E-02	6.89E-01	4.17E-06	0.00E+00	5.16E+02	3.80E-05	5.39E-04	6.10E-03	7.82E-04	3.41E+00	1.96E-08	6.05E-08	6.55E+00	9.21E-02	1.14E-03	8.36E-03	2.07E-02	3.15E-01	1.37E+01	2.05E+00	5.26E-07	5.83E-08	2.19E-03	2.48E-04	8.30E-01	1.85E+00	1.55E+01	5.99E-05	1.55E+01	1.62E+01	1.64E+00	0.00E+00	0.00E+00	3.90E-10	9.45E-01
WH23643300Q	1.30E-02	1.20E+00	1.30E-02	1.17E+00	3.84E-06	0.00E+00	6.94E+02	3.69E-05	1.37E-03	1.35E-02	1.67E-03	3.35E+00	1.63E-08	6.22E-08	6.33E+00	9.22E-02	2.26E-03	9.33E-03	2.70E-02	4.95E-01	3.00E+01	4.77E+00	8.75E-07	8.14E-08	5.13E-03	2.84E-04	2.08E+00	5.14E-01	2.85E+01	4.97E-05	2.86E+01	3.00E+01	2.22E+00	0.00E+00	0.00E+00	3.90E-10	1.19E+00
WH23643304Q	9.70E-03	1.13E+00	1.29E-02	1.11E+00	4.06E-06	0.00E+00	6.34E+02	3.28E-05	9.27E-04	1.06E-02	1.67E-03	3.30E+00	1.66E-08	5.91E-08	6.28E+00	9.05E-02	2.26E-03	8.76E-03	2.72E-02	4.85E-01	2.04E+01	4.82E+00	8.80E-07	7.25E-08	4.06E-03	2.75E-04	1.99E+00	5.10E-01	2.52E+01	4.02E-05	2.53E+01	2.74E+01	2.39E+00	0.00E+00	0.00E+00	3.90E-10	1.19E+00
WH23643305Q	9.70E-03	1.13E+00	1.29E-02	1.11E+00	4.06E-06	0.00E+00	6.34E+02	3.28E-05	9.27E-04	1.06E-02	1.67E-03	3.30E+00	1.66E-08	5.91E-08	6.28E+00	9.05E-02	2.26E-03	8.76E-03	2.72E-02	4.85E-01	2.04E+01	4.82E+00	8.80E-07	7.25E-08	4.06E-03	2.75E-04	1.99E+00	5.10E-01	2.52E+01	4.02E-05	2.53E+01	2.74E+01	2.39E+00	0.00E+00	0.00E+00	3.90E-10	1.19E+00
WH23643309Q	9.70E-03	1.13E+00	1.29E-02	1.11E+00	4.06E-06	0.00E+00	6.34E+02	3.28E-05	9.27E-04	1.06E-02	1.67E-03	3.30E+00	1.66E-08	5.91E-08	6.28E+00	9.05E-02	2.26E-03	8.76E-03	2.72E-02	4.85E-01	2.04E+01	4.82E+00	8.80E-07	7.25E-08	4.06E-03	2.75E-04	1.99E+00	5.10E-01	2.52E+01	4.02E-05	2.53E+01	2.74E+01	2.39E+00	0.00E+00	0.00E+00	3.90E-10	1.19E+00
WH23645300Q	9.40E-03	1.09E+00	-1.07E-02	1.10E+00	3.61E-06	0.00E+00	6.46E+02	3.39E-05	9.05E-04	9.48E-03	1.68E-03	3.35E+00	1.42E-08	6.00E-08	6.45E+00	8.73E-02	2.27E-03	8.91E-03	2.82E-02	4.90E-01	1.95E+01	4.88E+00	2.84E-07	7.15E-08	3.69E-03	2.80E-04	1.05E+00	7.92E-01	2.44E+01	3.92E-05	2.44E+01	2.62E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
WH23645303Q	9.16E-03	1.11E+00	1.25E-02	1.10E+00	3.64E-06	0.00E+00	6.37E+02	3.42E-05	8.85E-04	9.48E-03	1.63E-03	3.30E+00	1.51E-08	5.98E-08	6.28E+00	8.75E-02	2.21E-03	8.86E-03	2.71E-02	4.88E-01	2.03E+01	4.81E+00	6.33E-07	7.21E-08	3.55E-03	2.75E-04	1.96E+00	5.09E-01	2.52E+01	3.98E-05	2.52E+01	2.75E+01	2.43E+00	0.00E+00	0.00E+00	3.90E-10	1.20E+00
WH23645304Q	9.16E-03	1.11E+00	1.25E-02	1.10E+00	3.64E-06	0.00E+00	6.37E+02	3.42E-05	8.85E-04	9.48E-03	1.63E-03	3.30E+00	1.51E-08	5.98E-08	6.28E+00	8.75E-02	2.21E-03	8.86E-03	2.71E-02	4.88E-01	2.03E+01	4.81E+00	6.33E-07	7.21E-08	3.55E-03	2.75E-04	1.96E+00	5.09E-01	2.52E+01	3.98E-05	2.52E+01	2.75E+01	2.43E+00	0.00E+00	0.00E+00	3.90E-10	1.20E+00
WH23645305Q	9.16E-03	1.11E+00	1.25E-02	1.10E+00	3.64E-06	0.00E+00	6.37E+02	3.42E-05	8.85E-04	9.48E-03	1.63E-03	3.30E+00	1.51E-08	5.98E-08	6.28E+00	8.75E-02	2.21E-03	8.86E-03	2.71E-02	4.88E-01	2.03E+01	4.81E+00	6.33E-07	7.21E-08	3.55E-03	2.75E-04	1.96E+00	5.09E-01	2.52E+01	3.98E-05	2.52E+01	2.75E+01	2.43E+00	0.00E+00	0.00E+00	3.90E-10	1.20E+00

WH23645306Q	1.09E-02	1.42E+00	-1.83E-01	1.46E+00	3.53E-06	0.00E+00	3.48E+03	3.63E-05	1.03E-03	1.17E-02	2.44E-03	3.23E+00	2.94E-08	6.46E-08	6.18E+00	8.89E-02	3.37E-03	1.06E-02	2.66E-02	4.88E-01	2.19E+01	6.18E+00	4.82E-07	8.11E-08	4.37E-03	2.82E-04	7.96E-01	2.63E+00	3.10E+01	5.75E-05	3.12E+01	3.38E+01	2.72E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.21E+00
WH23645309Q	9.16E-03	1.11E+00	1.25E-02	1.10E+00	3.64E-06	0.00E+00	6.37E+02	3.42E-05	8.85E-04	9.48E-03	1.63E-03	3.30E+00	1.51E-08	5.98E-08	6.28E+00	8.75E-02	2.21E-03	8.86E-03	2.71E-02	4.88E-01	2.03E+01	4.81E+00	6.33E-07	7.21E-08	3.55E-03	2.75E-04	1.96E+00	5.09E-01	2.52E+01	3.98E-05	2.52E+01	2.75E+01	2.43E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.20E+00
WH23645700Q	9.43E-03	1.12E+00	1.30E-02	1.10E+00	4.30E-06	0.00E+00	5.05E+02	3.30E-05	9.26E-04	1.04E-02	1.67E-03	3.33E+00	1.57E-08	5.98E-08	6.30E+00	9.03E-02	2.26E-03	8.73E-03	2.72E-02	4.87E-01	2.07E+01	4.75E+00	6.34E-07	7.27E-08	3.76E-03	2.77E-04	1.99E+00	5.13E-01	2.58E+01	4.15E-05	2.58E+01	2.81E+01	2.50E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.18E+00
WH23645703Q	9.45E-03	1.12E+00	1.29E-02	1.10E+00	4.32E-06	0.00E+00	5.05E+02	3.42E-05	9.29E-04	1.04E-02	1.67E-03	3.33E+00	1.64E-08	5.98E-08	6.30E+00	9.14E-02	2.26E-03	8.95E-03	2.74E-02	4.86E-01	2.04E+01	4.76E+00	6.34E-07	7.21E-08	3.75E-03	2.76E-04	1.95E+00	5.09E-01	2.57E+01	4.15E-05	2.57E+01	2.80E+01	2.49E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.19E+00
WH23648300Q	9.66E-03	1.13E+00	1.30E-02	1.11E+00	4.00E-06	0.00E+00	6.33E+02	3.34E-05	9.28E-04	1.06E-02	1.67E-03	3.31E+00	1.58E-08	5.91E-08	6.28E+00	8.96E-02	2.26E-03	8.67E-03	2.71E-02	4.88E-01	2.07E+01	4.81E+00	7.89E-07	7.29E-08	4.09E-03	2.76E-04	2.01E+00	5.14E-01	2.53E+01	4.03E-05	2.53E+01	2.76E+01	2.47E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.19E+00
WH23750100Q	7.01E-03	1.07E+00	7.95E-03	1.06E+00	8.27E-06	0.00E+00	3.91E+02	4.73E-05	8.08E-04	8.61E-03	1.53E-03	2.55E+00	3.49E-08	5.44E-08	4.89E+00	1.38E-01	2.08E-03	8.56E-03	3.41E-02	4.44E-01	2.00E+01	4.57E+00	6.76E-07	6.34E-08	3.20E-03	2.56E-04	1.85E+00	4.20E-01	2.45E+01	5.84E-05	2.44E+01	2.62E+01	2.56E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.41E+00
WH23750105Q	7.01E-03	1.07E+00	7.95E-03	1.06E+00	8.27E-06	0.00E+00	3.91E+02	4.73E-05	8.08E-04	8.61E-03	1.53E-03	2.55E+00	3.49E-08	5.44E-08	4.89E+00	1.38E-01	2.08E-03	8.56E-03	3.41E-02	4.44E-01	2.00E+01	4.57E+00	6.76E-07	6.34E-08	3.20E-03	2.56E-04	1.85E+00	4.20E-01	2.45E+01	5.84E-05	2.44E+01	2.62E+01	2.56E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.41E+00
WH25580300C	3.70E-03	4.59E-01	-1.26E-02	4.71E-01	3.60E-06	0.00E+00	2.54E+02	1.12E-05	3.87E-04	4.10E-03	6.57E-04	1.39E+00	9.15E-09	1.92E-08	2.17E+00	3.36E-02	8.89E-04	4.78E-03	1.13E-02	2.21E-01	9.48E+00	1.44E+00	1.31E-07	3.59E-08	1.56E-03	1.16E-04	7.99E-01	4.32E-01	1.09E+01	1.75E-05	1.09E+01	1.22E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-01
WH25580303C	1.94E-03	1.86E-01	2.35E-03	1.85E-01	5.33E-06	0.00E+00	2.41E+02	1.82E-05	1.20E-04	1.45E-03	1.95E-04	1.19E+00	6.96E-09	3.05E-08	3.59E+00	3.37E-02	2.89E-04	3.67E-03	9.68E-03	1.02E-01	4.19E+00	6.31E-01	1.14E-07	3.21E-08	4.33E-04	9.21E-05	9.63E-01	1.24E-01	4.09E+00	1.78E-05	4.09E+00	4.45E+00	7.88E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	3.88E-01
WH25580304C	5.72E-03	6.83E-01	9.72E-03	6.91E-01	3.95E-06	0.00E+00	2.56E+02	2.24E-05	5.64E-04	6.08E-03	8.70E-04	1.44E+00	8.77E-09	3.53E-08	3.80E+00	5.34E-02	1.18E-03	5.70E-03	1.51E-02	3.03E-01	1.39E+01	1.99E+00	1.50E-07	4.89E-08	2.27E-03	1.44E-04	1.43E+00	2.77E-01	1.63E+01	2.19E-05	1.63E+01	1.82E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	7.19E-01
WH25580305C	5.72E-03	6.83E-01	9.72E-03	6.91E-01	3.95E-06	0.00E+00	2.56E+02	2.24E-05	5.64E-04	6.08E-03	8.70E-04	1.44E+00	8.77E-09	3.53E-08	3.80E+00	5.34E-02	1.18E-03	5.70E-03	1.51E-02	3.03E-01	1.39E+01	1.99E+00	1.50E-07	4.89E-08	2.27E-03	1.44E-04	1.43E+00	2.77E-01	1.63E+01	2.19E-05	1.63E+01	1.82E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	7.19E-01
WH25580306C	1.94E-03	1.86E-01	2.35E-03	1.85E-01	5.33E-06	0.00E+00	2.41E+02	1.82E-05	1.20E-04	1.45E-03	1.95E-04	1.19E+00	6.96E-09	3.05E-08	3.59E+00	3.37E-02	2.89E-04	3.67E-03	9.68E-03	1.02E-01	4.19E+00	6.31E-01	1.14E-07	3.21E-08	4.33E-04	9.21E-05	9.63E-01	1.24E-01	4.09E+00	1.78E-05	4.09E+00	4.45E+00	7.88E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	3.88E-01
WH25580307C	1.94E-03	1.86E-01	2.35E-03	1.85E-01	5.33E-06	0.00E+00	2.41E+02	1.82E-05	1.20E-04	1.45E-03	1.95E-04	1.19E+00	6.96E-09	3.05E-08	3.59E+00	3.37E-02	2.89E-04	3.67E-03	9.68E-03	1.02E-01	4.19E+00	6.31E-01	1.14E-07	3.21E-08	4.33E-04	9.21E-05	9.63E-01	1.24E-01	4.09E+00	1.78E-05	4.09E+00	4.45E+00	7.88E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	3.88E-01
WH25580309C	1.94E-03	1.86E-01	2.35E-03	1.85E-01	5.33E-06	0.00E+00	2.41E+02	1.82E-05	1.20E-04	1.45E-03	1.95E-04	1.19E+00	6.96E-09	3.05E-08	3.59E+00	3.37E-02	2.89E-04	3.67E-03	9.68E-03	1.02E-01	4.19E+00	6.31E-01	1.14E-07	3.21E-08	4.33E-04	9.21E-05	9.63E-01	1.24E-01	4.09E+00	1.78E-05	4.09E+00	4.45E+00	7.88E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	3.88E-01
WH25583300C	5.41E-03	5.17E-01	5.68E-03	5.06E-01	4.86E-06	0.00E+00	3.96E+02	2.74E-05	4.06E-04	4.46E-03	6.03E-04	2.52E+00	9.76E-09	4.36E-08	4.79E+00	6.07E-02	8.06E-04	6.42E-03	1.25E-02	2.67E-01	1.08E+01	1.55E+00	1.38E-07	4.12E-08	1.82E-03	1.61E-04	1.23E+00	2.46E-01	1.24E+01	2.78E-05	1.23E+01	1.39E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	5.55E-01
WH25583303C	4.04E-03	4.93E-01	5.65E-03	4.90E-01	4.96E-06	0.00E+00	2.55E+02	2.07E-05	4.00E-04	4.35E-03	6.03E-04	1.50E+00	7.66E-09	3.28E-08	3.70E+00	4.30E-02	8.14E-04	5.09E-03	1.23E-02	2.30E-01	1.05E+01	1.60E+00	1.37E-07	4.04E-08	1.67E-03	1.22E-04	1.22E+00	2.43E-01	1.21E+01	2.11E-05	1.21E+01	1.37E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	5.32E-01
WH25583304C	4.04E-03	4.93E-01	5.65E-03	4.90E-01	4.96E-06	0.00E+00	2.55E+02	2.07E-05	4.00E-04	4.35E-03	6.03E-04	1.50E+00	7.66E-09	3.28E-08	3.70E+00	4.30E-02	8.14E-04	5.09E-03	1.23E-02	2.30E-01	1.05E+01	1.60E+00	1.37E-07	4.04E-08	1.67E-03	1.22E-04	1.22E+00	2.43E-01	1.21E+01	2.11E-05	1.21E+01	1.37E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	5.32E-01
WH25583305C	4.04E-03	4.93E-01	5.65E-03	4.90E-01	4.96E-06	0.00E+00	2.55E+02	2.07E-05	4.00E-04	4.35E-03	6.03E-04	1.50E+00	7.66E-09	3.28E-08	3.70E+00	4.30E-02	8.14E-04	5.09E-03	1.23E-02	2.30E-01	1.05E+01	1.60E+00	1.37E-07	4.04E-08	1.67E-03	1.22E-04	1.22E+00	2.43E-01	1.21E+01	2.11E-05	1.21E+01	1.37E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	5.32E-01
WH25583306C	8.42E-03	1.06E+00	-1.92E-01	1.06E+00	5.05E-06	0.00E+00	3.57E+03	3.23E-05	9.37E-04	1.01E-02	1.69E-03	2.94E+00	2.89E-08	5.27E-08	4.46E+00	6.48E-02	2.28E-03	6.06E-03	2.08E-02	4.25E-01	1.99E+01	4.33E+00	1.54E-07	6.83E-08	3.78E-03	1.89E-04	1.28E+00	2.47E+00	2.45E+01	5.26E-05	2.46E+01	2.62E+01	2.20E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	8.67E-01
WH25585300C	3.87E-03	4.86E-01	-1.03E-02	4.96E-01	3.60E-06	0.00E+00	2.55E+02	1.15E-05	4.12E-04	4.42E-03	6.57E-04	1.39E+00	9.16E-09	1.94E-08	2.32E+00	3.37E-02	8.89E-04	4.78E-03	1.23E-02	2.40E-01	1.09E+01	1.53E+00	1.41E-07	3.80E-08	1.66E-03	1.23E-04	1.28E+00	4.47E-01	1.24E+01	1.74E-05	1.24E+01	1.42E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-01
WH25585303C	1.99E-03	1.83E-01	2.32E-03	1.82E-01	5.33E-06	0.00E+00	2.41E+02	1.62E-05	1.18E-04	1.35E-03	1.96E-04	1.19E+00	6.98E-09	3.08E-08	3.69E+00	3.35E-02	2.89E-04	3.61E-03	9.57E-03	9.96E-02	4.19E+00	6.32E-01	1.14E-07	3.24E-08	4.34E-04	8.42E-05	9.33E-01	1.30E-01	4.08E+00	1.78E-05	4.08E+00	4.41E+00	7.11E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	3.91E-01
WH25585304C	1.99E-03	1.83E-01	2.32E-03	1.82E-01	5.33E-06	0.00E+00	2.41E+02	1.62E-05	1.18E-04	1.35E-03	1.96E-04	1.19E+00	6.98E-09	3.08E-08	3.69E+00	3.35E-02	2.89E-04	3.61E-03	9.57E-03	9.96E-02	4.19E+00	6.32E-01	1.14E-07	3.24E-08	4.34E-04	8.42E-05	9.33E-01	1.30E-01	4.08E+00	1.78E-05	4.08E+00	4.41E+00	7.11E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	3.91E-01
WH25585305C	1.99E-03	1.83E-01	2.32E-03	1.82E-01	5.33E-06	0.00E+00	2.41E+02	1.62E-05	1.18E-04	1.35E-03	1.96E-04	1.19E+00	6.98E-09	3.08E-08	3.69E+00	3.35E-02	2.89E-04	3.61E-03	9.57E-03	9.96E-02	4.19E+00	6.32E-01	1.14E-07	3.24E-08	4.34E-04	8.42E-05	9.33E-01	1.30E-01	4.08E+00	1.78E-05	4.08E+00	4.41E+00	7.11E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	3.91E-01
WH25585306C	1.99E-03	1.83E-01	2.32E-03	1.82E-01	5.33E-06	0.00E+00	2.41E+02	1.62E-05	1.18E-04	1.35E-03	1.96E-04	1.19E+00	6.98E-09	3.08E-08	3.69E+00	3.35E-02	2.89E-04	3.61E-03	9.57E-03	9.96E-02	4.19E+00	6.32E-01	1.14E-07	3.24E-08	4.34E-04	8.42E-05	9.33E-01	1.30E-01	4.08E+00	1.78E-05	4.08E+00	4.41E+00	7.11E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	3.91E-01
WH25585307C	1.99E-03	1.83E-01	2.32E-03	1.82E-01	5.33E-06	0.00E+00	2.41E+02	1.62E-05	1.18E-04	1.35E-03	1.96E-04	1.19E+00	6.98E-09	3.08E-08	3.69E+00	3.35E-02	2.89E-04	3.61E-03	9.57E-03	9.96E-02	4.19E+00	6.32E-01	1.14E-07	3.24E-08	4.34E-04	8.42E-05	9.33E-01	1.30E-01	4.08E+00	1.78E-05	4.08E+00	4.41E+00	7.11E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	3.91E-01
WH25585309C	1.99E-03	1.83E-01	2.32E-03	1.82E-01	5.33E-06	0.00E+00	2.41E+02	1.62E-05	1.18E-04	1.35E-03	1.96E-04	1.19E+00	6.98E-09	3.08E-08	3.69E+00	3.35E-02	2.89E-04	3.61E-03	9.57E-03	9.96E-02	4.19E+00	6.32E-01	1.14E-07	3.24E-08	4.34E-04	8.42E-05	9.33E-01	1.30E-01	4.08E+00	1.78E-05	4.08E+00	4.41E+00	7.11E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	3.91E-01
WH25585400C	5.49E-03	6.68E-01	8.84E-03	6.81E-01	2.45E-06	0.00E+00	2.97E+02	3.70E-05	5.82E-04	6.25E-03	8.70E-04	2.32E+00	1.24E-07	3.46E-08	4.11E+00	7.94E-02	1.18E-03	1.31E-02	3.09E-02	2.96E-01	1.46E+01	1.71E+00	1.35E-07	5.35E-08	2.23E-03	1.37E-04	1.49E+00	2.61E-01	1.72E+01	4.08E-05	1.72E+01	1.90E+01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.33E+00
WH25585403C	1.96E-03	2.12E-01	2.02E-03	1.92E-01	4.26E-06	0.00E+00	2.49E+02	2.93E-05	1.31E-04	1.38E-03	1.89E-04	1.52E+00	1.02E-07	3.41E-08	3.46E+00	6.56E-02	2.98E-04	8.97E-03	2.31E-02	9.56E-02	4.26E+00	5.28E-01	1.56E-07	3.50E-08	5.11E-04	7.55E-05	1.03E+00	9.96E-02	4.35E+00	2.46E-05	4.35E+00	4.61E+00	7.62E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	8.77E-01
WH25585405C	1.96E-03	2.12E-01	2.02E-03	1.92E-01	4.26E-06	0.00E+00	2.49E+02	2.93E-05	1.31E-04	1.38E-03	1.89E-04	1.52E+00	1.02E-07	3.41E-08	3.46E+00	6.56E-02	2.98E-04	8.97E-03	2.31E-02	9.56E-02	4.26E+00	5.28E-01	1.56E-07	3.50E-08	5.11E-04	7.55E-05	1.03E+00	9.96E-02	4.35E+00	2.46E-05	4.35E+00	4.61E+00	7.62E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	8.77E-01
WH25585409C	1.96E-03	2.12E-01	2.02E-03	1.92E-01	4.26E-06	0.00E+00	2.49E+02	2.93E-05	1.31E-04	1.38E-03	1.89E-04	1.52E+00	1.02E-07	3.41E-08	3.46E+00	6.56E-02	2.98E-04	8.97E-03	2.31E-02	9.56E-02	4.26E+00	5.28E-01	1.56E-07	3.50E-08	5.11E-04	7.55E-05	1.03E+00	9.96E-02	4.35E+00	2.46E-05	4.35E+00	4.61E+00	7.62E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	8.77E-01
WH25588300C	4.32E-03	4.91E-01	5.60E-03	4.93E-01	4.93E-06	0.00E+00	3.23E+02	2.38E-05	4.00E-04	4.38E-03	6.03E-04	1.82E+00	7.94E-09	3.44E-08	4.39E+00	6.06E-02	8.14E-04	5.71E-03	1.25E-02	2.26E-01	1.06E+01	1.56E+00	1.34E-07	4.16E-08	1.67E-03	1.16E-04	1.22E+00	2.44E-01	1.21E+01	3.10E-05	1.21E+01	1.38E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	5.47E-01
WH25588304C	4.02E-03	4.94E-01	5.60E-03	4.90E-01	4.96E-06	0.00E+00	2.55E+02	1.95E-05	3.99E-04	4.33E-03	6.03E-04	1.50E+00	7.68E-09	3.33E-08	3.81E+00	4.30E-02	8.14E-04	5.15E-03	1.22E-02	2.31E-01	1.05E+01	1.59E+00	1.33E-07	4.04E-08	1.67E-03	1.17E-04	1.20E+00	2.51E-01	1.21E+01	2.11E-05	1.21E+01	1.37E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	5.35E-01
WH25588305C	4.02E-03	4.94E-01	5.60E-03	4.90E-01	4.96E-06	0.00E+00	2.55E+02	1.95E-05	3.99E-04	4.33E-03	6.03E-04	1.50E+00	7.68E-09	3.33E-08	3.81E+00	4.30E-02	8.14E-04	5.15E-03	1.22E-02	2.31E-01	1.05E+01	1.59E+00	1.33E-07	4.04E-08	1.67E-03	1.17E-04	1.20E+00	2.51E-01	1.21E+01	2.11E-05	1.21E+01	1.37E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	5.35E-01
WH25592200C	5.49E-03	7.02E-01	-1.28E-02	7.15E-01	2.50E-08	0.00E+00	3.05E+02	3.39E-05	5.55E-04	6.00E-03	1.02E-03	3.38E+00	1.76E-07	3.43E-08	3.32E+00	6.61E-02	1.38E-03	1.51E-02	3.65E-02	3.24E-01	1.60E+01	1.46E+00	1.86E-07	8.25E-08	2.22E-03	1.58E-04	1.42E+00	4.72E-01	1.75E+01	4.73E-05	1.75E+01	1.94E+01	1.89E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
WH25592203C	1.91E-03	2.17E-01	2.23E-03	1.98E-01	3.88E-06	0.00E+00	2.55E+02	3.33E-05	1.34E-04	1.49E-03	1.89E-04	1.60E+00	1.04E-07	3.28E-08	3.35E+00	6.40E-02	2.98E-04	9.75E-03	2.69E-02	9.84E-02	4.27E+00	5.27E-01	1.53E-07	3.76E-08	5.10E-04	9.50E-05	1.04E+00	9.53E-02	4.35E+00	2.53E-05	4.35E+00	4.65E+00	8.35E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH25592204C	1.91E-03	2.17E-01	2.20E-03	1.98E-01	3.88E-06	0.00E+00	2.55E+02	3.34E-05	1.34E-04	1.49E-03	1.89E-04	1.60E+00	1.04E-07	3.28E-08	3.35E+00	6.40E-02	2.98E-04	9.75E-03	2.65E-02	9.84E-02	4.27E+00	5.27E-01	1.55E-07	3.76E-08	5.10E-04	9.35E-05	1.04E+00	9.49E-02	4.35E+00	2.52E-05	4.35E+00	4.65E+00	8.35E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH25592205C	1.91E-03	2.17E-01	2.23E-03	1.98E-01	3.88E-06	0.00E+00	2.55E+02	3.33E-05	1.34E-04	1.49E-03	1.89E-04	1.60E+00	1.04E-07	3.28E-08	3.35E+00	6.40E-02	2.98E-04	9.75E-03	2.69E-02	9.84E-02	4.27E+00	5.27E-01	1.53E-07	3.76E-08	5.10E-04	9.50E-05	1.04E+00	9.53E-02	4.35E+00	2.53E-05	4.35E+00	4.65E+00	8.35E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH25592207C	1.91E-03	2.17E-01	2.23E-03	1.98E-01	3.88E-06	0.00E+00	2.55E+02	3.33E-05	1.34E-04	1.49E-03	1.89E-04	1.60E+00	1.04E-07	3.28E-08	3.35E+00	6.40E-02	2.98E-04	9.75E-03	2.69E-02	9.84E-02	4.27E+00	5.27E-01	1.53E-07	3.76E-08	5.10E-04	9.50E-05	1.04E+00	9.53E-02	4.35E+00	2.53E-05	4.35E+00	4.65E+00	8.35E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH25592209C	1.91E-03	2.17E-01	2.23E-03	1.98E-01	3.88E-06	0.00E+00	2.55E+02	3.33E-05	1.34E-04	1.49E-03	1.89E-04	1.60E+00	1.04E-07	3.28E-08	3.35E+00	6.40E-02	2.98E-04	9.75E-03	2.69E-02	9.84E-02	4.27E+00	5.27E-01	1.53E-07	3.76E-08	5.10E-04	9.50E-05	1.04E+00	9.53E-02	4.35E+00	2.53E-05	4.35E+00	4.65E+00	8.35E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH25593200C	1.49E-02	1.73E+00	-3.99E-02	1.91E+00	6.40E-06	0.00E+00	6.72E+02	5.74E-05	1.66E-03	1.70E-02	3.24E-03	3.24E+00	4.88E-08	8.83E-08	8.73E+00	1.53E-01	4.25E-03	1.38E-02	2.19E-02	4.73E-01	3.16E+01	6.36E+00	1.79E-07	1.00E-07	5.73E-03	2.33E-04	1.99E+00	1.61E+00	3.86E+01	6.61E-05	3.88E+01	4.17E+01	3.53E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	9.50E-01
WH25593204C	1.43E-02	1.68E+00	-4.14E-02	1.87E+00	6.38E-06	0.00E+00	6.70E+02	5.67E-05	1.67E-03	1.69E-02	3.33E-03	3.41E+00	1.08E-07	9.10E-08	8.09E+00	1.44E-01	4.64E-03	1.44E-02	2.29E-02	4.74E-01	3.07E+01	7.04E+00	1.67E-07	1.02E-07	5.47E-03	2.45E-04	1.98E+00	1.81E+00	3.86E+01	6.73E-05	3.87E+01	4.17E+01	3.71E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH25593205C	1.43E-02	1.68E+00	-4.14E-02	1.87E+00	6.39E-06	0.00E+00	6.70E+02	5.67E-05	1.67E-03	1.69E-02	3.33E-03	3.41E+00	1.08E-07	9.10E-08	8.09E+00	1.44E-01	4.64E-03	1.44E-02	2.29E-02	4.74E-01	3.07E+01	7.04E+00	1.79E-07	1.02E-07	5.47E-03	2.45E-04	1.98E+00	1.81E+00	3.86E+01	6.72E-05	3.87E+01	4.17E+01	3.71E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH25593209C	1.43E-02	1.68E+00	-4.14E-02	1.87E+00	6.39E-06	0.00E+00	6.70E+02	5.67E-05	1.67E-03	1.69E-02	3.33E-03	3.41E+00	1.08E-07	9.10E-08	8.09E+00	1.44E-01	4.64E-03	1.44E-02	2.29E-02	4.74E-01	3.07E+01	7.04E+00	1.79E-07	1.02E-07	5.47E-03	2.45E-04	1.98E+00	1.81E+00	3.86E+01	6.72E-05	3.87E+01	4.17E+01	3.71E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH25595200C	5.49E-03	7.03E-01	-1.28E-02	7.15E-01	2.50E-08	0.00E+00	3.05E+02	3.39E-05	5.55E-04	6.01E-03	1.02E-03	3.38E+00	1.76E-07	3.43E-08	3.32E+00	6.61E-02	1.38E-03	1.51E-02	3.65E-02	3.24E-01	1.61E+01	1.46E+00	1.86E-07	8.25E-08	2.22E-03	1.58E-04	1.44E+00	4.72E-01	1.75E+01	4.73E-05	1.75E+01	1.94E+01	1.91E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
WH25595203C	1.96E-03	2.12E-01	2.20E-03	1.92E-01	3.88E-06	0.00E+00	2.49E+02	2.95E-05	1.31E-04	1.38E-03	1.89E-04	1.61E+00	1.03E-07	3.37E-08	3.46E+00	6.56E-02	2.98E-04	8.77E-03	2.64E-02	9.72E-02	4.26E+00	5.28E-01	1.53E-07	3.78E-08	5.11E-04	9.50E-05	1.02E+00	1.00E-01	4.35E+00	2.54E-05	4.35E+00	4.61E+00	7.45E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH25595204C	1.96E-03	2.12E-01	2.20E-03	1.92E-01	3.88E-06	0.00E+00	2.49E+02	2.95E-05	1.31E-04	1.38E-03	1.89E-04	1.61E+00	1.03E-07	3.37E-08	3.46E+00	6.56E-02	2.98E-04	8.77E-03	2.64E-02	9.72E-02	4.26E+00	5.28E-01	1.53E-07	3.78E-08	5.11E-04	9.50E-05	1.02E+00	1.00E-01	4.35E+00	2.54E-05	4.35E+00	4.61E+00	7.45E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH25595205C	1.96E-03	2.12E-01	2.20E-03	1.92E-01	3.88E-06	0.00E+00	2.49E+02	2.95E-05	1.31E-04	1.38E-03	1.89E-04	1.61E+00	1.03E-07	3.37E-08	3.46E+00	6.56E-02	2.98E-04	8.77E-03	2.64E-02	9.72E-02	4.26E+00	5.28E-01	1.53E-07	3.78E-08	5.11E-04	9.50E-05	1.02E+00	1.00E-01	4.35E+00	2.54E-05	4.35E+00	4.61E+00	7.45E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH25595206C	1.92E-03	2.18E-01	2.24E-03	1.98E-01	3.88E-06	0.00E+00	2.55E+02	3.32E-05	1.34E-04	1.49E-03	1.89E-04	1.60E+00	1.03E-07	3.37E-08	3.40E+00	6.47E-02	2.98E-04	9.75E-03	2.69E-02	9.84E-02	4.27E+00	5.29E-01	1.53E-07	3.78E-08	5.11E-04	9.50E-05	1.02E+00	9.42E-02	4.35E+00	2.54E-05	4.35E+00	4.65E+00	7.67E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH25595207C	1.96E-03	2.12E-01	2.20E-03	1.92E-01	3.88E-06	0.00E+00	2.49E+02	2.95E-05	1.31E-04	1.38E-03	1.89E-04	1.61E+00	1.03E-07	3.37E-08	3.46E+00	6.56E-02	2.98E-04	8.77E-03	2.64E-02	9.72E-02	4.26E+00	5.28E-01	1.53E-07	3.78E-08	5.11E-04	9.50E-05	1.02E+00	1.00E-01	4.35E+00	2.54E-05	4.35E+00	4.61E+00	7.45E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH25595209C	1.96E-03	2.12E-01	2.20E-03	1.92E-01	3.88E-06	0.00E+00	2.49E+02	2.95E-05	1.31E-04	1.38E-03	1.89E-04	1.61E+00	1.03E-07	3.37E-08	3.46E+00	6.56E-02	2.98E-04	8.77E-03	2.64E-02	9.72E-02	4.26E+00	5.28E-01	1.53E-07	3.78E-08	5.11E-04	9.50E-05	1.02E+00	1.00E-01	4.35E+00	2.54E-05	4.35E+00	4.61E+00	7.45E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH25596200C	6.23E-03	6.63E-01	-7.93E-03	6.71E-01	5.88E-06	0.00E+00	5.05E+02	2.95E-05	5.57E-04	6.08E-03	8.29E-04	2.54E+00	1.18E-08	4.38E-08	5.14E+00	8.41E-02	1.12E-03	7.38E-03	1.59E-02	2.91E-01	1.54E+01	1.98E+00	1.59E-07	5.42E-08	2.22E-03	1.36E-04	2.00E+00	4.74E-01	1.74E+01	3.08E-05	1.74E+01	1.98E+01	2.48E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-01
WH25596205C	1.14E-02	1.50E+00	-4.25E-02	1.65E+00	6.35E-06	0.00E+00	4.82E+02	4.66E-05	1.30E-03	1.44E-02	3.20E-03	3.31E+00	1.23E-07	8.12E-08	8.15E+00	1.18E-01	4.64E-03	1.35E-02	2.30E-02	4.46E-01	2.69E+01	7.17E+00	1.78E-07	8.94E-08	4.98E-03	2.05E-04	1.99E+00	1.79E+00	3.48E+01	5.45E-05	3.50E+01	3.84E+01	3.67E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH25596207C	1.14E-02	1.50E+00	-4.25E-02	1.65E+00	6.35E-06	0.00E+00	4.82E+02	4.66E-05	1.30E-03	1.44E-02	3.20E-03	3.31E+00	1.23E-07	8.12E-08	8.15E+00	1.18E-01	4.64E-03	1.35E-02	2.30E-02	4.46E-01	2.69E+01	7.17E+00	1.78E-07	8.94E-08	4.98E-03	2.05E-04	1.99E+00	1.79E+00	3.48E+01	5.45E-05	3.50E+01	3.84E+01	3.67E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH25596209C	1.14E-02	1.50E+00	-4.25E-02	1.65E+00	6.35E-06	0.00E+00	4.82E+02	4.66E-05	1.30E-03	1.44E-02	3.20E-03	3.31E+00	1.23E-07	8.12E-08	8.15E+00	1.18E-01	4.64E-03	1.35E-02	2.30E-02	4.46E-01	2.69E+01	7.17E+00	1.78E-07	8.94E-08	4.98E-03	2.05E-04	1.99E+00	1.79E+00	3.48E+01	5.45E-05	3.50E+01	3.84E+01	3.67E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH25620300C	6.14E-03	6.17E-01	-1.91E-02	6.36E-01	3.61E-06	0.00E+00	4.18E+02	2.51E-05	5.39E-04	5.75E-03	8.91E-04	2.55E+00	1.25E-08	4.28E-08	4.91E+00	6.94E-02	1.21E-03	6.83E-03	1.68E-02	2.93E-01	1.32E+01	1.86E+00	1.62E-07	5.18E-08	2.17E-03	1.47E-04	1.33E+00	6.28E-01	1.50E+01	3.03E-05	1.50E+01	1.70E+01	1.96E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-01
WH25620303C	2.72E-03	1.90E-01	3.28E-03	1.89E-01	5.45E-06	0.00E+00	4.33E+02	1.94E-05	1.20E-04	1.44E-03	1.95E-04	2.23E+00	7.77E-09	3.65E-08	4.85E+00	4.64E-02	2.89E-04	4.51E-03	1.31E-02	1.01E-01	4.31E+00	6.31E-01	1.26E-07	4.31E-08	4.36E-04	9.74E-05	9.41E-01	1.27E-01	4.27E+00	2.82E-05	4.27E+00	4.51E+00	7.72E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	4.57E-01
WH25620304C	2.72E-03	1.90E-01	3.28E-03	1.89E-01	5.45E-06	0.00E+00	4.33E+02	1.94E-05	1.20E-04	1.44E-03	1.95E-04	2.23E+00	7.77E-09	3.65E-08	4.85E+00	4.64E-02	2.89E-04	4.51E-03	1.31E-02	1.01E-01	4.31E+00	6.31E-01	1.26E-07	4.31E-08	4.36E-04	9.74E-05	9.41E-01	1.27E-01	4.27E+00	2.82E-05	4.27E+00	4.51E+00	7.72E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	4.57E-01
WH25620307C	2.72E-03	1.90E-01	3.28E-03	1.89E-01	5.45E-06	0.00E+00	4.33E+02	1.94E-05	1.20E-04	1.44E-03	1.95E-04	2.23E+00	7.77E-09	3.65E-08	4.85E+00	4.64E-02	2.89E-04	4.51E-03	1.31E-02	1.01E-01	4.31E+00	6.31E-01	1.26E-07	4.31E-08	4.36E-04	9.74E-05	9.41E-01	1.27E-01	4.27E+00	2.82E-05	4.27E+00	4.51E+00	7.72E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	4.57E-01
WH25620309C	2.72E-03	1.90E-01	3.28E-03	1.89E-01	5.45E-06	0.00E+00	4.33E+02	1.94E-05	1.20E-04	1.44E-03	1.95E-04	2.23E+00	7.77E-09	3.65E-08	4.85E+00	4.64E-02	2.89E-04	4.51E-03	1.31E-02	1.01E-01	4.31E+00	6.31E-01	1.26E-07	4.31E-08	4.36E-04	9.74E-05	9.41E-01	1.27E-01	4.27E+00	2.82E-05	4.27E+00	4.51E+00	7.72E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	4.57E-01
WH25620700C	6.51E-03	6.43E-01	-1.86E-02	6.61E-01	4.77E-06	0.00E+00	4.31E+02	2.78E-05	5.58E-04	5.98E-03	9.03E-04	2.74E+00	1.28E-08	4.66E-08	5.39E+00	8.00E-02	1.22E-03	7.30E-03	1.76E-02	3.04E-01	1.39E+01	1.90E+00	1.63E-07	5.44E-08	2.25E-03	1.49E-04	1.41E+00	6.29E-01	1.58E+01	3.26E-05	1.58E+01	1.78E+01	2.04E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-01
WH25620703C	2.74E-03	1.90E-01	3.28E-03	1.89E-01	5.59E-06	0.00E+00	4.39E+02	2.03E-05	1.20E-04	1.44E-03	1.95E-04	2.28E+00	7.78E-09	3.75E-08	5.03E+00	4.98E-02	2.89E-04	4.55E-03	1.32E-02	1.01E-01	4.33E+00	6.31E-01	1.25E-07	4.33E-08	4.36E-04	9.74E-05	9.75E-01	1.27E-01	4.27E+00	2.92E-05	4.27E+00	4.51E+00	8.09E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	4.54E-01
WH25620704C	2.74E-03	1.90E-01	3.28E-03	1.89E-01	5.59E-06	0.00E+00	4.39E+02	2.03E-05	1.20E-04	1.44E-03	1.95E-04	2.28E+00	7.78E-09	3.75E-08	5.03E+00	4.98E-02	2.89E-04	4.55E-03	1.32E-02	1.01E-01	4.33E+00	6.31E-01	1.25E-07	4.33E-08	4.36E-04	9.74E-05	9.75E-01	1.27E-01	4.27E+00	2.92E-05	4.27E+00	4.51E+00	8.09E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	4.54E-01
WH25620705C	2.74E-03	1.90E-01	3.28E-03	1.89E-01	5.59E-06	0.00E+00	4.39E+02	2.03E-05	1.20E-04	1.44E-03	1.95E-04	2.28E+00	7.78E-09	3.75E-08	5.03E+00	4.98E-02	2.89E-04	4.55E-03	1.32E-02	1.01E-01	4.33E+00	6.31E-01	1.25E-07	4.33E-08	4.36E-04	9.74E-05	9.75E-01	1.27E-01	4.27E+00	2.92E-05	4.27E+00	4.51E+00	8.09E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	4.54E-01
WH25620707C	2.74E-03	1.90E-01	3.28E-03	1.89E-01	5.59E-06	0.00E+00	4.39E+02	2.03E-05	1.20E-04	1.44E-03	1.95E-04	2.28E+00	7.78E-09	3.75E-08	5.03E+00	4.98E-02	2.89E-04	4.55E-03	1.32E-02	1.01E-01	4.33E+00	6.31E-01	1.25E-07	4.33E-08	4.36E-04	9.74E-05	9.75E-01	1.27E-01	4.27E+00	2.92E-05	4.27E+00	4.51E+00	8.09E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	4.54E-01
WH25623300C	5.94E-03	6.01E-01	8.43E-03	5.90E-01	4.97E-06	0.00E+00	5.06E+02	3.13E-05	4.45E-04	4.96E-03	7.31E-04	2.48E+00	1.20E-08	4.77E-08	4.94E+00	7.84E-02	9.76E-04	7.50E-03	1.57E-02	2.79E-01	1.42E+01	1.72E+00	1.62E-07	5.11E-08	2.03E-03	1.73E-04	1.28E+00	2.69E-01	1.61E+01	3.11E-05	1.61E+01	1.73E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	6.67E-01
WH25623305C	5.91E-03	5.64E-01	8.39E-03	5.61E-01	5.72E-06	0.00E+00	4.34E+02	2.61E-05	4.44E-04	4.94E-03	7.33E-04	2.50E+00	9.48E-09	4.12E-08	4.91E+00	7.78E-02	9.89E-04	6.37E-03	1.57E-02	2.43E-01	1.14E+01	1.80E+00	1.61E-07	5.06E-08	1.95E-03	1.31E-04	1.27E+00	2.69E-01	1.37E+01	3.09E-05	1.37E+01	1.52E+01	1.76E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	6.27E-01
WH25623306C	8.99E-03	1.09E+00	-1.92E-01	1.08E+00	5.73E-06	0.00E+00	3.57E+03	3.58E-05	9.45E-04	1.03E-02	1.68E-03	2.95E+00	2.86E-08	5.59E-08	5.30E+00	7.86E-02	2.28E-03	7.21E-03	2.17E-02	4.23E-01	2.02E+01	4.36E+00	1.73E-07	6.66E-08	3.82E-03	1.92E-04	1.32E+00	2.58E+00	2.53E+01	5.46E-05	2.54E+01	2.73E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	9.08E-01
WH25625300C	6.14E-03	6.19E-01	-1.79E-02	6.37E-01	3.61E-06	0.00E+00	4.18E+02	2.51E-05	5.39E-04	5.76E-03	8.73E-04	2.55E+00	1.25E-08	4.28E-08	4.92E+00	6.94E-02	1.18E-03	6.81E-03	1.68E-02	2.95E-01	1.32E+01	1.86E+00	1.62E-07	5.18E-08	2.18E-03	1.47E-04	1.34E+00	6.26E-01	1.51E+01	3.03E-05	1.51E+01	1.70E+01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-01
WH25625303C	6.00E-03	6.26E-01	-1.72E-02	6.53E-01	3.97E-06	0.00E+00	4.24E+02	2.63E-05	5.25E-04	5.76E-03	8.04E-04	2.48E+00	1.21E-08	4.28E-08	4.91E+00	7.34E-02	1.09E-03	6.66E-03	1.68E-02	2.82E-01	1.35E+01	1.97E+00	1.66E-07	5.26E-08	2.14E-03	1.41E-04	1.30E+00	5.89E-01	1.54E+01	3.06E-05	1.54E+01	1.74E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	7.34E-01
WH25625304C	6.00E-03	6.26E-01	-1.72E-02	6.53E-01	3.97E-06	0.00E+00	4.24E+02	2.63E-05	5.25E-04	5.76E-03	8.04E-04	2.48E+00	1.21E-08	4.28E-08	4.91E+00	7.34E-02	1.09E-03	6.66E-03	1.68E-02	2.82E-01	1.35E+01	1.97E+00	1.66E-07	5.26E-08	2.14E-03	1.41E-04	1.30E+00	5.89E-01	1.54E+01	3.06E-05	1.54E+01	1.74E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	7.34E-01
WH25625305C	6.00E-03	6.26E-01	-1.72E-02	6.53E-01	3.97E-06	0.00E+00	4.24E+02	2.63E-05	5.25E-04	5.76E-03	8.04E-04	2.48E+00	1.21E-08	4.28E-08	4.91E+00	7.34E-02	1.09E-03	6.66E-03	1.68E-02	2.82E-01	1.35E+01	1.97E+00	1.66E-07	5.26E-08	2.14E-03	1.41E-04	1.30E+00	5.89E-01	1.54E+01	3.06E-05	1.54E+01	1.74E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	7.34E-01
WH25625306C	6.00E-03	6.26E-01	-1.72E-02	6.53E-01	3.97E-06	0.00E+00	4.24E+02	2.63E-05	5.25E-04	5.76E-03	8.04E-04	2.48E+00	1.21E-08	4.28E-08	4.91E+00	7.34E-02	1.09E-03	6.66E-03	1.68E-02	2.82E-01	1.35E+01	1.97E+00	1.66E-07	5.26E-08	2.14E-03	1.41E-04	1.30E+00	5.89E-01	1.54E+01	3.06E-05	1.54E+01	1.74E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	7.34E-01
WH25625307C	6.00E-03	6.26E-01	-1.72E-02	6.53E-01	3.97E-06	0.00E+00	4.24E+02	2.63E-05	5.25E-04	5.76E-03	8.04E-04	2.48E+00	1.21E-08	4.28E-08	4.91E+00	7.34E-02	1.09E-03	6.66E-03	1.68E-02	2.82E-01	1.35E+01	1.97E+00	1.66E-07	5.26E-08	2.14E-03	1.41E-04	1.30E+00	5.89E-01	1.54E+01	3.06E-05	1.54E+01	1.74E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	7.34E-01
WH25625309C	6.00E-03	6.26E-01	-1.72E-02	6.53E-01	3.97E-06	0.00E+00	4.24E+02	2.63E-05	5.25E-04	5.76E-03	8.04E-04	2.48E+00	1.21E-08	4.28E-08	4.91E+00	7.34E-02	1.09E-03	6.66E-03	1.68E-02	2.82E-01	1.35E+01	1.97E+00	1.66E-07	5.26E-08	2.14E-03	1.41E-04	1.30E+00	5.89E-01	1.54E+01	3.06E-05	1.54E+01	1.74E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	7.34E-01
WH25625700C	6.51E-03	6.45E-01	-1.74E-02	6.62E-01	4.77E-06	0.00E+00	4.31E+02	2.78E-05	5.58E-04	5.98E-03	8.86E-04	2.74E+00	1.28E-08	4.67E-08	5.39E+00	8.00E-02	1.20E-03	7.28E-03	1.76E-02	3.06E-01	1.39E+01	1.90E+00	1.63E-07	5.45E-08	2.25E-03	1.50E-04	1.42E+00	6.28E-01	1.58E+01	3.25E-05	1.58E+01	1.79E+01	2.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-01
WH25628300C	5.89E-03	5.64E-01	8.37E-03	5.61E-01	5.62E-06	0.00E+00	4.30E+02	2.80E-05	4.42E-04	4.94E-03	7.33E-04	2.49E+00	9.74E-09	4.18E-08	4.94E+00	7.64E-02	9.89E-04	6.77E-03	1.55E-02	2.41E-01	1.20E+01	1.75E+00	1.62E-07	5.17E-08	1.94E-03	1.31E-04	1.28E+00	2.69E-01	1.39E+01	3.38E-05	1.39E+01	1.55E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	6.46E-01
WH25628306C	9.02E-03	1.09E+00	-1.92E-01	1.08E+00	5.73E-06	0.00E+00	3.57E+03	3.29E-05	9.48E-04	1.03E-02	1.68E-03	2.95E+00	2.86E-08	5.59E-08	5.30E+00	7.86E-02	2.28E-03	7.15E-03	2.17E-02	4.24E-01	2.02E+01	4.36E+00	1.73E-07	6.63E-08	3.83E-03	1.92E-04	1.32E+00	2.58E+00	2.53E+01	5.46E-05	2.53E+01	2.73E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-10	9.10E-01
WH25640300C	7.42E-03	7.18E-01	-1.79E-02	7.36E-01	3.61E-06	0.00E+00	6.40E+02	3.30E-05	6.02E-04	6.33E-03	9.78E-04	3.33E+00	1.43E-08	5.84E-08	6.21E+00	8.69E-02	1.32E-03	8.09E-03	1.88E-02	3.09E-01	1.23E+01	2.15E+00	1.71E-07	5.85E-08	2.44E-03	1.57E-04	4.03E-01	6.36E-01	1.44E+01	3.91E-05	1.44E+01	1.55E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-01
WH25640303C	7.33E-03	7.27E-01	1.04E-02	7.16E-01	3.61E-06	0.00E+00	6.39E+02	3.29E-05	5.73E-04	6.18E-03	8.20E-04	3.34E+00	1.09E-08	5.84E-08	6.25E+00	8.72E-02	1.11E-03	7.91E-03	1.87E-02	3.03E-01	1.32E+01	2.22E+00	1.71E-07	5.92E-08	2.37E-03	1.52E-04	1.03E+00	2.75E-01	1.54E+01	3.92E-05	1.54E+01	1.68E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-01
WH25640304C	7.30E-03	7.23E-01	1.04E-02	7.12E-01	3.61E-06	0.00E+00	6.39E+02	3.29E-05	5.69E-04	6.14E-03	8.13E-04	3.34E+00	1.09E-08	5.84E-08	6.25E+00	8.72E-02	1.10E-03	7.90E-03	1.86E-02	3.01E-01	1.32E+01	2.20E+00	1.69E-07	5.90E-08	2.36E-03	1.51E-04	1.03E+00	2.71E-01	1.54E+01	3.92E-05	1.54E+01	1.67E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-01
WH25640305C	7.44E-03	7.21E-01	-1.78E-02	7.39E-01	3.61E-06	0.00E+00	6.40E+02	3.33E-05	6.12E-04	6.50E-03	9.78E-04	3.34E+00	1.43E-08	5.85E-08	6.38E+00	8.72E-02	1.32E-03	8.09E-03	1.88E-02	3.16E-01	1.35E+01	2.20E+00	1.70E-07	5.98E-08	2.45E-03	1.57E-04	9.53E-01	6.36E-01	1.57E+01	3.92E-05	1.57E+01	1.73E+01	1.59E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-01
WH25640306C	2.88E-03	1.90E-01	3.54E-03	1.89E-01	5.39E-06	0.00E+00	6.36E+02	2.59E-05	1.20E-04	1.44E-03	1.95E-04	3.32E+00	8.02E-09	5.66E-08	6.05E+00	7.18E-02	2.89E-04	6.05E-03	1.37E-02	1.01E-01	4.31E+00	6.31E-01	1.26E-07	5.08E-08	4.36E-04	9.75E-05	8.34E-01	1.24E-01	4.26E+00	3.92E-05	4.26E+00	4.51E+00	7.23E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	4.71E-01
WH25640307C	2.88E-03	1.90E-01	3.54E-03	1.89E-01	5.39E-06	0.00E+00	6.36E+02	2.59E-05	1.20E-04	1.44E-03	1.95E-04	3.32E+00	8.02E-09	5.66E-08	6.05E+00	7.18E-02	2.89E-04	6.05E-03	1.37E-02	1.01E-01	4.31E+00	6.31E-01	1.26E-07	5.08E-08	4.36E-04	9.75E-05	8.34E-01	1.24E-01	4.26E+00	3.92E-05	4.26E+00	4.51E+00	7.23E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	4.71E-01
WH25640309C	2.88E-03	1.90E-01	3.54E-03	1.89E-01	5.39E-06	0.00E+00	6.36E+02	2.59E-05	1.20E-04	1.44E-03	1.95E-04	3.32E+00	8.02E-09	5.66E-08	6.05E+00	7.18E-02	2.89E-04	6.05E-03	1.37E-02	1.01E-01	4.31E+00	6.31E-01	1.26E-07	5.08E-08	4.36E-04	9.75E-05	8.34E-01	1.24E-01	4.26E+00	3.92E-05	4.26E+00	4.51E+00	7.23E-01	0.00E+00	0.00E+00	0.00E+00	3.90E-10	4.71E-01
WH25640700C	7.60E-03	6.78E-01	-1.74E-02	6.95E-01	4.77E-06	0.00E+00	4.88E+02	3.35E-05	5.80E-04	6.12E-03	9.89E-04	3.52E+00	1.36E-08	6.08E-08	6.65E+00	9.74E-02	1.34E-03	8.55E-03	1.94E-02	3.09E-01	1.22E+01	1.98E+00	1.70E-07	5.97E-08	2.41E-03	1.59E-04	4.60E-01	6.38E-01	1.41E+01	4.14E-05	1.41E+01	1.52E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-01

WH25640703C	2.89E-03	1.90E-01	3.56E-03	1.89E-01	5.71E-06	0.00E+00	4.73E+02	2.62E-05	1.20E-04	1.44E-03	1.95E-04	3.49E+00	8.02E-09	5.85E-08	6.63E+00	7.60E-02	2.89E-04	6.24E-03	1.38E-02	1.01E-01	4.31E+00	6.30E-01	1.26E-07	5.08E-08	4.36E-04	9.75E-05	8.60E-01	1.24E-01	4.26E+00	4.13E-05	4.26E+00	4.51E+00	7.30E-01	0.00E+00	0.00E+00	3.90E-10	4.71E-01
WH25640704C	2.89E-03	1.90E-01	3.56E-03	1.89E-01	5.71E-06	0.00E+00	4.73E+02	2.62E-05	1.20E-04	1.44E-03	1.95E-04	3.49E+00	8.02E-09	5.85E-08	6.63E+00	7.60E-02	2.89E-04	6.24E-03	1.38E-02	1.01E-01	4.31E+00	6.30E-01	1.26E-07	5.08E-08	4.36E-04	9.75E-05	8.60E-01	1.24E-01	4.26E+00	4.13E-05	4.26E+00	4.51E+00	7.30E-01	0.00E+00	0.00E+00	3.90E-10	4.71E-01
WH25640705C	7.50E-03	6.80E-01	1.09E-02	6.69E-01	4.77E-06	0.00E+00	4.63E+02	3.31E-05	5.46E-04	5.92E-03	8.25E-04	3.52E+00	1.01E-08	6.06E-08	6.69E+00	9.77E-02	1.12E-03	8.36E-03	1.88E-02	3.00E-01	1.31E+01	2.00E+00	1.69E-07	6.03E-08	2.32E-03	1.53E-04	1.09E+00	2.72E-01	1.51E+01	4.16E-05	1.51E+01	1.64E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-01
WH25640707C	2.89E-03	1.90E-01	3.56E-03	1.89E-01	5.71E-06	0.00E+00	4.73E+02	2.62E-05	1.20E-04	1.44E-03	1.95E-04	3.49E+00	8.02E-09	5.85E-08	6.63E+00	7.60E-02	2.89E-04	6.24E-03	1.38E-02	1.01E-01	4.31E+00	6.30E-01	1.26E-07	5.08E-08	4.36E-04	9.75E-05	8.60E-01	1.24E-01	4.26E+00	4.13E-05	4.26E+00	4.51E+00	7.30E-01	0.00E+00	0.00E+00	3.90E-10	4.71E-01
WH25640709C	2.89E-03	1.90E-01	3.56E-03	1.89E-01	5.71E-06	0.00E+00	4.73E+02	2.62E-05	1.20E-04	1.44E-03	1.95E-04	3.49E+00	8.02E-09	5.85E-08	6.63E+00	7.60E-02	2.89E-04	6.24E-03	1.38E-02	1.01E-01	4.31E+00	6.30E-01	1.26E-07	5.08E-08	4.36E-04	9.75E-05	8.60E-01	1.24E-01	4.26E+00	4.13E-05	4.26E+00	4.51E+00	7.30E-01	0.00E+00	0.00E+00	3.90E-10	4.71E-01
WH25643300C	7.31E-03	7.33E-01	8.60E-03	7.25E-01	3.81E-06	0.00E+00	6.84E+02	3.50E-05	5.72E-04	6.37E-03	8.28E-04	3.29E+00	1.28E-08	6.14E-08	6.28E+00	9.24E-02	1.12E-03	8.40E-03	1.84E-02	3.41E-01	1.62E+01	2.15E+00	1.64E-07	5.84E-08	2.35E-03	1.93E-04	1.16E+00	2.58E-01	1.91E+01	3.65E-05	1.92E+01	2.03E+01	1.86E+00	0.00E+00	0.00E+00	3.90E-10	8.11E-01
WH25643303C	7.20E-03	7.15E-01	8.62E-03	6.94E-01	4.04E-06	0.00E+00	6.26E+02	3.15E-05	5.60E-04	6.29E-03	8.32E-04	3.34E+00	1.09E-08	5.83E-08	6.29E+00	9.51E-02	1.13E-03	7.75E-03	1.81E-02	2.95E-01	1.35E+01	2.16E+00	1.63E-07	6.04E-08	2.29E-03	1.46E-04	1.14E+00	2.58E-01	1.61E+01	3.98E-05	1.61E+01	1.75E+01	1.70E+00	0.00E+00	0.00E+00	3.90E-10	7.81E-01
WH25643305C	7.20E-03	7.15E-01	8.62E-03	6.94E-01	4.04E-06	0.00E+00	6.26E+02	3.15E-05	5.60E-04	6.29E-03	8.32E-04	3.34E+00	1.09E-08	5.83E-08	6.29E+00	9.51E-02	1.13E-03	7.75E-03	1.81E-02	2.95E-01	1.35E+01	2.16E+00	1.63E-07	6.04E-08	2.29E-03	1.46E-04	1.14E+00	2.58E-01	1.61E+01	3.98E-05	1.61E+01	1.75E+01	1.70E+00	0.00E+00	0.00E+00	3.90E-10	7.81E-01
WH25643306C	9.40E-03	1.11E+00	-1.83E-01	1.10E+00	3.97E-06	0.00E+00	3.48E+03	3.89E-05	9.47E-04	1.03E-02	1.68E-03	3.22E+00	2.81E-08	6.43E-08	6.31E+00	9.46E-02	2.28E-03	8.68E-03	2.26E-02	4.27E-01	2.02E+01	4.39E+00	1.75E-07	6.88E-08	3.83E-03	1.93E-04	1.17E+00	2.49E+00	2.54E+01	5.75E-05	2.55E+01	2.72E+01	2.27E+00	0.00E+00	0.00E+00	3.90E-10	9.49E-01
WH25645300C	7.44E-03	7.21E-01	-1.79E-02	7.39E-01	3.61E-06	0.00E+00	6.40E+02	3.34E-05	6.09E-04	6.48E-03	9.68E-04	3.34E+00	1.43E-08	5.85E-08	6.41E+00	8.73E-02	1.31E-03	8.08E-03	1.88E-02	3.15E-01	1.37E+01	2.12E+00	1.68E-07	6.00E-08	2.45E-03	1.55E-04	1.04E+00	6.31E-01	1.58E+01	3.92E-05	1.58E+01	1.75E+01	1.67E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-01
WH25645303C	7.25E-03	7.10E-01	9.46E-03	6.84E-01	3.65E-06	0.00E+00	6.38E+02	3.32E-05	5.64E-04	6.22E-03	7.87E-04	3.34E+00	1.08E-08	5.83E-08	6.41E+00	8.75E-02	1.10E-03	7.89E-03	1.80E-02	2.99E-01	1.37E+01	2.10E+00	1.67E-07	6.04E-08	2.32E-03	1.44E-04	1.43E+00	2.64E-01	1.63E+01	3.92E-05	1.63E+01	1.81E+01	1.83E+00	0.00E+00	0.00E+00	3.90E-10	7.84E-01
WH25645304C	7.25E-03	7.10E-01	9.46E-03	6.84E-01	3.65E-06	0.00E+00	6.38E+02	3.32E-05	5.64E-04	6.22E-03	7.87E-04	3.34E+00	1.08E-08	5.83E-08	6.41E+00	8.75E-02	1.10E-03	7.89E-03	1.80E-02	2.99E-01	1.37E+01	2.10E+00	1.67E-07	6.04E-08	2.32E-03	1.44E-04	1.43E+00	2.64E-01	1.63E+01	3.92E-05	1.63E+01	1.81E+01	1.83E+00	0.00E+00	0.00E+00	3.90E-10	7.84E-01
WH25645305C	7.32E-03	7.26E-01	1.03E-02	7.15E-01	3.61E-06	0.00E+00	6.39E+02	3.33E-05	5.76E-04	6.30E-03	8.04E-04	3.34E+00	1.09E-08	5.85E-08	6.45E+00	8.76E-02	1.09E-03	7.89E-03	1.85E-02	3.07E-01	1.46E+01	2.16E+00	1.66E-07	6.06E-08	2.37E-03	1.49E-04	1.69E+00	2.65E-01	1.67E+01	3.92E-05	1.67E+01	1.87E+01	1.95E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-01
WH25645306C	7.25E-03	7.10E-01	9.46E-03	6.84E-01	3.65E-06	0.00E+00	6.38E+02	3.32E-05	5.64E-04	6.22E-03	7.87E-04	3.34E+00	1.08E-08	5.83E-08	6.41E+00	8.75E-02	1.10E-03	7.89E-03	1.80E-02	2.99E-01	1.37E+01	2.10E+00	1.67E-07	6.04E-08	2.32E-03	1.44E-04	1.43E+00	2.64E-01	1.63E+01	3.92E-05	1.63E+01	1.81E+01	1.83E+00	0.00E+00	0.00E+00	3.90E-10	7.84E-01
WH25645307C	7.25E-03	7.10E-01	9.46E-03	6.84E-01	3.65E-06	0.00E+00	6.38E+02	3.32E-05	5.64E-04	6.22E-03	7.87E-04	3.34E+00	1.08E-08	5.83E-08	6.41E+00	8.75E-02	1.10E-03	7.89E-03	1.80E-02	2.99E-01	1.37E+01	2.10E+00	1.67E-07	6.04E-08	2.32E-03	1.44E-04	1.43E+00	2.64E-01	1.63E+01	3.92E-05	1.63E+01	1.81E+01	1.83E+00	0.00E+00	0.00E+00	3.90E-10	7.84E-01
WH25645309C	7.25E-03	7.10E-01	9.46E-03	6.84E-01	3.65E-06	0.00E+00	6.38E+02	3.32E-05	5.64E-04	6.22E-03	7.87E-04	3.34E+00	1.08E-08	5.83E-08	6.41E+00	8.75E-02	1.10E-03	7.89E-03	1.80E-02	2.99E-01	1.37E+01	2.10E+00	1.67E-07	6.04E-08	2.32E-03	1.44E-04	1.43E+00	2.64E-01	1.63E+01	3.92E-05	1.63E+01	1.81E+01	1.83E+00	0.00E+00	0.00E+00	3.90E-10	7.84E-01
WH25645700C	7.49E-03	6.83E-01	1.08E-02	6.72E-01	4.77E-06	0.00E+00	4.87E+02	3.35E-05	5.44E-04	5.92E-03	8.16E-04	3.52E+00	1.02E-08	6.08E-08	6.72E+00	9.78E-02	1.10E-03	8.35E-03	1.92E-02	3.00E-01	1.32E+01	1.94E+00	1.66E-07	6.05E-08	2.32E-03	1.50E-04	1.18E+00	2.66E-01	1.52E+01	4.14E-05	1.52E+01	1.66E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-01
WH25645705C	7.23E-03	6.87E-01	1.02E-02	6.79E-01	4.78E-06	0.00E+00	4.71E+02	3.33E-05	5.51E-04	6.03E-03	8.25E-04	3.52E+00	1.03E-08	6.07E-08	6.63E+00	9.74E-02	1.12E-03	8.34E-03	1.83E-02	2.99E-01	1.36E+01	2.05E+00	1.66E-07	6.05E-08	2.28E-03	1.46E-04	1.32E+00	2.68E-01	1.59E+01	4.15E-05	1.59E+01	1.75E+01	1.79E+00	0.00E+00	0.00E+00	3.90E-10	7.91E-01
WH25645707C	7.23E-03	6.87E-01	1.02E-02	6.79E-01	4.78E-06	0.00E+00	4.71E+02	3.33E-05	5.51E-04	6.03E-03	8.25E-04	3.52E+00	1.03E-08	6.07E-08	6.63E+00	9.74E-02	1.12E-03	8.34E-03	1.83E-02	2.99E-01	1.36E+01	2.05E+00	1.66E-07	6.05E-08	2.28E-03	1.46E-04	1.32E+00	2.68E-01	1.59E+01	4.15E-05	1.59E+01	1.75E+01	1.79E+00	0.00E+00	0.00E+00	3.90E-10	7.91E-01
WH25648305C	7.20E-03	7.18E-01	8.65E-03	6.96E-01	4.04E-06	0.00E+00	6.26E+02	3.31E-05	5.62E-04	6.32E-03	8.32E-04	3.34E+00	1.09E-08	5.83E-08	6.37E+00	9.54E-02	1.13E-03	7.91E-03	1.81E-02	2.95E-01	1.37E+01	2.16E+00	1.62E-07	6.08E-08	2.29E-03	1.46E-04	1.30E+00	2.57E-01	1.64E+01	3.98E-05	1.64E+01	1.80E+01	1.78E+00	0.00E+00	0.00E+00	3.90E-10	7.80E-01
WH25750100C	5.80E-03	6.64E-01	8.55E-03	6.50E-01	8.74E-06	0.00E+00	2.90E+02	6.87E-05	5.52E-04	6.21E-03	7.86E-04	1.46E+00	9.93E-08	5.52E-08	4.67E+00	2.17E-01	1.10E-03	1.26E-02	1.51E-02	3.10E-01	1.21E+01	1.91E+00	1.31E-07	5.05E-08	2.14E-03	1.27E-04	8.79E-01	1.89E-01	1.52E+01	5.28E-05	1.52E+01	1.64E+01	1.97E+00	0.00E+00	0.00E+00	3.90E-10	9.08E-01
WH25750105C	2.10E-03	2.18E-01	2.12E-03	1.98E-01	1.14E-05	0.00E+00	2.42E+02	7.84E-05	1.41E-04	1.65E-03	1.96E-04	1.27E+00	8.03E-08	5.52E-08	4.77E+00	2.40E-01	2.98E-04	1.14E-02	1.03E-02	1.03E-01	4.25E+00	5.47E-01	1.64E-07	3.37E-08	5.38E-04	7.36E-05	6.75E-01	9.64E-02	4.39E+00	4.76E-05	4.39E+00	4.70E+00	1.02E+00	0.00E+00	0.00E+00	3.90E-10	5.15E-01
WH25750205C	2.10E-03	2.18E-01	2.12E-03	1.98E-01	1.10E-05	0.00E+00	2.42E+02	7.73E-05	1.41E-04	1.65E-03	1.96E-04	1.27E+00	8.03E-08	5.52E-08	4.77E+00	2.37E-01	2.98E-04	1.20E-02	1.03E-02	1.03E-01	4.25E+00	5.47E-01	1.64E-07	3.37E-08	5.38E-04	7.36E-05	6.75E-01	9.64E-02	4.39E+00	4.78E-05	4.39E+00	4.70E+00	1.02E+00	0.00E+00	0.00E+00	3.90E-10	5.15E-01
WH25915600C	7.78E-03	1.00E+00	8.03E-03	9.94E-01	7.19E-06	0.00E+00	5.10E+02	2.28E-05	8.13E-04	8.80E-03	1.12E-03	2.72E+00	1.57E-08	3.87E-08	4.58E+00	6.75E-02	1.52E-03	9.03E-03	2.54E-02	4.92E-01	2.24E+01	3.17E+00	2.90E-07	7.53E-08	3.34E-03	2.48E-04	2.86E+00	6.27E-01	2.55E+01	3.38E-05	2.55E+01	2.90E+01	3.49E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
WH25915603C	8.50E-03	1.06E+00	-4.40E-02	1.06E+00	5.62E-06	0.00E+00	4.46E+02	3.16E-05	9.30E-04	1.01E-02	1.69E-03	2.95E+00	2.02E-08	5.17E-08	4.66E+00	7.54E-02	2.28E-03	9.12E-03	2.43E-02	5.09E-01	2.00E+01	4.31E+00	3.65E-07	7.32E-08	3.76E-03	2.57E-04	1.44E+00	1.62E+00	2.50E+01	4.94E-05	2.50E+01	2.66E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.00E+00
WH25915605C	8.50E-03	1.06E+00	-4.40E-02	1.06E+00	5.62E-06	0.00E+00	4.46E+02	3.16E-05	9.30E-04	1.01E-02	1.69E-03	2.95E+00	2.02E-08	5.17E-08	4.66E+00	7.54E-02	2.28E-03	9.12E-03	2.43E-02	5.09E-01	2.00E+01	4.31E+00	3.65E-07	7.32E-08	3.76E-03	2.57E-04	1.44E+00	1.62E+00	2.50E+01	4.94E-05	2.50E+01	2.66E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.00E+00
WH25915700C	1.37E-02	1.71E+00	-4.26E-02	1.80E+00	3.54E-06	0.00E+00	5.00E+02	4.60E-05	1.49E-03	1.49E-02	2.46E-03	4.39E+00	2.62E-07	7.40E-08	5.41E+00	1.32E-01	3.37E-03	2.30E-02	5.12E-02	6.01E-01	3.52E+01	5.89E+00	5.53E-07	1.09E-07	5.65E-03	2.75E-04	2.33E+00	1.70E+00	4.14E+01	8.40E-05	4.14E+01	4.48E+01	3.28E+00	0.00E+00	0.00E+00	3.90E-10	1.85E+00
WH25915800C	1.15E-02	1.50E+00	-2.97E-03	1.51E+00	4.99E-08	0.00E+00	6.12E+02	6.78E-05	1.17E-03	1.27E-02	1.93E-03	6.70E+00	3.50E-07	6.89E-08	6.73E+00	1.32E-01	2.61E-03	2.97E-02	7.59E-02	7.07E-01	3.41E+01	3.29E+00	4.07E-07	1.67E-07	4.74E-03	3.43E-04	3.15E+00	8.78E-01	3.74E+01	9.36E-05	3.74E+01	4.14E+01	4.02E+00	0.00E+00	0.00E+00	0.00E+00	3.26E+00
WH25915803C	1.32E-02	1.23E+00	-4.41E-02	1.25E+00	6.95E-06	0.00E+00	5.27E+02	3.96E-05	1.36E-03	1.30E-02	1.68E-03	4.63E+00	2.64E-07	7.18E-08	5.04E+00	1.48E-01	2.25E-03	2.94E-02	5.26E-02	5.94E-01	3.01E+01	3.34E+00	6.03E-07	1.24E-07	5.06E-03	2.87E-04	2.09E+00	1.63E+00	2.96E+01	8.80E-05	2.95E+01	3.07E+01	2.94E+00	0.00E+00	0.00E+00	3.90E-10	1.77E+00
WH25915804C	1.32E-02	1.23E+00	-4.41E-02	1.25E+00	6.95E-06	0.00E+00	5.27E+02	3.96E-05	1.36E-03	1.30E-02	1.68E-03	4.63E+00	2.64E-07	7.18E-08	5.04E+00	1.48E-01	2.25E-03	2.94E-02	5.26E-02	5.94E-01	3.01E+01	3.34E+00	6.03E-07	1.24E-07	5.06E-03	2.87E-04	2.09E+00	1.63E+00	2.96E+01	8.80E-05	2.95E+01	3.07E+01	2.94E+00	0.00E+00	0.00E+00	3.90E-10	1.77E+00
WH25915805C	1.32E-02	1.23E+00	-4.41E-02	1.25E+00	6.95E-06	0.00E+00	5.27E+02	3.96E-05	1.36E-03	1.30E-02	1.68E-03	4.63E+00	2.64E-07	7.18E-08	5.04E+00	1.48E-01	2.25E-03	2.94E-02	5.26E-02	5.94E-01	3.01E+01	3.34E+00	6.03E-07	1.24E-07	5.06E-03	2.87E-04	2.09E+00	1.63E+00	2.96E+01	8.80E-05	2.95E+01	3.07E+01	2.94E+00	0.00E+00	0.00E+00	3.90E-10	1.77E+00
WH25916200C	1.37E-02	1.62E+00	-4.29E-02	1.76E+00	3.95E-06	0.00E+00	5.34E+02	4.52E-05	1.46E-03	1.47E-02	2.46E-03	3.78E+00	2.59E-07	7.39E-08	5.41E+00	1.23E-01	3.37E-03	2.20E-02	5.00E-02	5.73E-01	3.02E+01	5.89E+00	5.30E-07	1.02E-07	5.57E-03	2.48E-04	2.32E+00	1.70E+00	4.03E+01	8.31E-05	4.04E+01	4.32E+01	3.17E+00	0.00E+00	0.00E+00	3.90E-10	1.78E+00
WH25916203C	1.63E-02	1.73E+00	-4.32E-02	1.81E+00	7.39E-06	0.00E+00	5.34E+02	4.04E-05	1.53E-03	1.54E-02	2.46E-03	4.56E+00	2.64E-07	7.41E-08	5.27E+00	1.58E-01	3.37E-03	3.34E-02	5.42E-02	5.85E-01	3.57E+01	5.90E+00	5.98E-07	1.42E-07	6.03E-03	2.65E-04	2.37E+00	1.70E+00	4.22E+01	9.03E-05	4.20E+01	4.58E+01	3.28E+00	0.00E+00	0.00E+00	3.90E-10	1.80E+00
WH25916205C	1.63E-02	1.73E+00	-4.32E-02	1.81E+00	7.39E-06	0.00E+00	5.34E+02	4.04E-05	1.53E-03	1.54E-02	2.46E-03	4.56E+00	2.64E-07	7.41E-08	5.27E+00	1.58E-01	3.37E-03	3.34E-02	5.42E-02	5.85E-01	3.57E+01	5.90E+00	5.98E-07	1.42E-07	6.03E-03	2.65E-04	2.37E+00	1.70E+00	4.22E+01	9.03E-05	4.20E+01	4.58E+01	3.28E+00	0.00E+00	0.00E+00	3.90E-10	1.80E+00
WH25916300C	8.50E-03	1.06E+00	-4.40E-02	1.06E+00	5.62E-06	0.00E+00	4.46E+02	3.16E-05	9.30E-04	1.01E-02	1.69E-03	2.95E+00	2.06E-08	5.17E-08	4.66E+00	7.54E-02	2.28E-03	9.12E-03	2.43E-02	5.09E-01	2.00E+01	4.31E+00	3.65E-07	7.32E-08	3.76E-03	2.57E-04	1.44E+00	1.62E+00	2.50E+01	4.94E-05	2.50E+01	2.66E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.00E+00
WH25916304C	8.50E-03	1.06E+00	-4.40E-02	1.06E+00	5.62E-06	0.00E+00	4.46E+02	3.16E-05	9.30E-04	1.01E-02	1.69E-03	2.95E+00	2.06E-08	5.17E-08	4.66E+00	7.54E-02	2.28E-03	9.12E-03	2.43E-02	5.09E-01	2.00E+01	4.31E+00	3.65E-07	7.32E-08	3.76E-03	2.57E-04	1.44E+00	1.62E+00	2.50E+01	4.94E-05	2.50E+01	2.66E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.00E+00
WH25916305C	8.50E-03	1.06E+00	-4.40E-02	1.06E+00	5.62E-06	0.00E+00	4.46E+02	3.16E-05	9.30E-04	1.01E-02	1.69E-03	2.95E+00	2.06E-08	5.17E-08	4.66E+00	7.54E-02	2.28E-03	9.12E-03	2.43E-02	5.09E-01	2.00E+01	4.31E+00	3.65E-07	7.32E-08	3.76E-03	2.57E-04	1.44E+00	1.62E+00	2.50E+01	4.94E-05	2.50E+01	2.66E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.00E+00
WH25917000C	1.18E-02	1.13E+00	-4.30E-02	1.14E+00	6.25E-06	0.00E+00	5.19E+02	3.80E-05	1.36E-03	1.26E-02	1.69E-03	3.40E+00	2.10E-08	5.93E-08	4.80E+00	8.18E-02	2.28E-03	1.07E-02	2.43E-02	5.06E-01	2.43E+01	4.27E+00	3.65E-07	8.03E-08	4.76E-03	2.71E-04	1.46E+00	1.62E+00	2.77E+01	6.62E-05	2.77E+01	2.97E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH25917003C	1.36E-02	1.18E+00	-4.33E-02	1.18E+00	8.94E-06	0.00E+00	5.25E+02	3.74E-05	1.39E-03	1.30E-02	1.68E-03	4.20E+00	1.95E-08	6.30E-08	4.54E+00	1.03E-01	2.27E-03	2.42E-02	2.59E-02	5.21E-01	2.93E+01	4.25E+00	5.05E-07	1.06E-07	5.11E-03	2.86E-04	1.51E+00	1.62E+00	2.89E+01	7.70E-05	2.89E+01	3.07E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.03E+00
WH25917004C	1.36E-02	1.18E+00	-4.33E-02	1.18E+00	8.94E-06	0.00E+00	5.25E+02	3.74E-05	1.39E-03	1.30E-02	1.68E-03	4.20E+00	1.95E-08	6.30E-08	4.54E+00	1.03E-01	2.27E-03	2.42E-02	2.59E-02	5.21E-01	2.93E+01	4.25E+00	5.05E-07	1.06E-07	5.11E-03	2.86E-04	1.51E+00	1.62E+00	2.89E+01	7.70E-05	2.89E+01	3.07E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.03E+00
WH25917700C	1.41E-02	1.68E+00	-1.81E-01	1.86E+00	6.70E-06	0.00E+00	3.39E+03	5.75E-05	1.65E-03	1.69E-02	3.33E-03	3.44E+00	1.05E-07	9.17E-08	8.12E+00	1.41E-01	4.64E-03	1.72E-02	2.53E-02	5.12E-01	3.08E+01	6.99E+00	4.00E-07	1.02E-07	5.44E-03	2.77E-04	1.68E+00	2.49E+00	3.81E+01	6.69E-05	3.82E+01	4.14E+01	3.68E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH25917705C	1.41E-02	1.68E+00	-1.81E-01	1.86E+00	6.70E-06	0.00E+00	3.39E+03	5.75E-05	1.65E-03	1.69E-02	3.33E-03	3.44E+00	1.05E-07	9.17E-08	8.12E+00	1.41E-01	4.64E-03	1.72E-02	2.53E-02	5.12E-01	3.08E+01	6.99E+00	4.00E-07	1.02E-07	5.44E-03	2.77E-04	1.68E+00	2.49E+00	3.81E+01	6.69E-05	3.82E+01	4.14E+01	3.68E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH25917803C	1.14E-02	1.50E+00	-1.81E-01	1.64E+00	6.65E-06	0.00E+00	3.39E+03	4.72E-05	1.30E-03	1.44E-02	3.20E-03	3.34E+00	1.20E-07	8.14E-08	8.14E+00	1.19E-01	4.64E-03	1.59E-02	2.53E-02	5.14E-01	2.69E+01	7.13E+00	3.97E-07	8.96E-08	4.98E-03	2.63E-04	1.68E+00	2.49E+00	3.44E+01	5.46E-05	3.46E+01	3.80E+01	3.64E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH25917804C	1.14E-02	1.50E+00	-1.81E-01	1.64E+00	6.65E-06	0.00E+00	3.39E+03	4.72E-05	1.30E-03	1.44E-02	3.20E-03	3.34E+00	1.20E-07	8.14E-08	8.14E+00	1.19E-01	4.64E-03	1.59E-02	2.53E-02	5.14E-01	2.69E+01	7.13E+00	3.97E-07	8.96E-08	4.98E-03	2.63E-04	1.68E+00	2.49E+00	3.44E+01	5.46E-05	3.46E+01	3.80E+01	3.64E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH25917805C	1.14E-02	1.50E+00	-1.81E-01	1.64E+00	6.65E-06	0.00E+00	3.39E+03	4.72E-05	1.30E-03	1.44E-02	3.20E-03	3.34E+00	1.20E-07	8.14E-08	8.14E+00	1.19E-01	4.64E-03	1.59E-02	2.53E-02	5.14E-01	2.69E+01	7.13E+00	3.97E-07	8.96E-08	4.98E-03	2.63E-04	1.68E+00	2.49E+00	3.44E+01	5.46E-05	3.46E+01	3.80E+01	3.64E+00	0.00E+00	0.00E+00	3.90E-10	1.13E+00
WH26580300C	3.99E-03	5.17E-01	7.32E-03	5.10E-01	3.60E-06	0.00E+00	2.55E+02	1.09E-05	4.07E-04	4.33E-03	6.09E-04	1.39E+00	7.19E-09	1.93E-08	1.98E+00	3.35E-02	8.25E-04	4.72E-03	1.32E-02	2.44E-01	9.86E+00	1.71E+00	1.58E-07	3.71E-08	1.72E-03	1.34E-04	6.72E-01	2.62E-01	1.16E+01	1.74E-05	1.16E+01	1.25E+01	9.34E-01	0.00E+00	0.00E+00	0.00E+00	5.69E-01
WH26580303C	1.94E-03	1.86E-01	2.53E-03	1.85E-01	5.35E-06	0.00E+00	2.41E+02	1.82E-05	1.20E-04	1.45E-03	1.95E-04	1.19E+00	6.96E-09	3.05E-08	3.59E+00	3.38E-02	2.89E-04	3.67E-03	1.19E-02	1.02E-01	4.19E+00	6.31E-01	1.25E-07	3.23E-08	4.33E-04	9.64E-05	7.86E-01	1.25E-01	4.09E+00	1.79E-05	4.09E+00	4.45E+00	7.22E-01	0.00E+00	0.00E+00	3.90E-10	4.27E-01
WH26580304C	1.94E-03	1.86E-01	2.53E-03	1.85E-01	5.35E-06	0.00E+00	2.41E+02	1.82E-05	1.20E-04	1.45E-03	1.95E-04	1.19E+00	6.96E-09	3.05E-08	3.59E+00	3.38E-02	2.89E-04	3.67E-03	1.19E-02	1.02E-01	4.19E+00	6.31E-01	1.25E-07	3.23E-08	4.33E-04	9.64E-05	7.86E-01	1.25E-01	4.09E+00	1.79E-05	4.09E+00	4.45E+00	7.22E-01	0.00E+00	0.00E+00	3.90E-10	4.27E-01
WH26580305C	1.94E-03	1.86E-01	2.53E-03	1.85E-01	5.35E-06	0.00E+00	2.41E+02	1.82E-05	1.20E-04	1.45E-03	1.95E-04	1.19E+00	6.96E-09	3.05E-08	3.59E+00	3.38E-02	2.89E-04	3.67E-03	1.19E-02	1.02E-01	4.19E+00	6.31E-01	1.25E-07	3.23E-08	4.33E-04	9.64E-05	7.86E-01	1.25E-01	4.09E+00	1.79E-05	4.09E+00	4.45E+00	7.22E-01	0.00E+00	0.00E+00	3.90E-10	4.27E-01
WH26580307C	1.94E-03	1.86E-01	2.53E-03	1.85E-01	5.35E-06	0.00E+00	2.41E+02	1.82E-05	1.20E-04	1.45E-03	1.95E-04	1.19E+00	6.96E-09	3.05E-08	3.59E+00	3.38E-02	2.89E-04	3.67E-03	1.19E-02	1.02E-01	4.19E+00	6.31E-01	1.25E-07	3.23E-08	4.33E-04	9.64E-05	7.86E-01	1.25E-01	4.09E+00	1.79E-05	4.09E+00	4.45E+00	7.22E-01	0.00E+00	0.00E+00	3.90E-10	4.27E-01
WH26585300C	5.79E-03	6.78E-01	8.71E-03	6.88E-01	3.99E-06	0.00E+00	3.26E+02	2.67E-05	5.62E-04	6.05E-03	8.70E-04	1.82E+00	9.14E-09	3.60E-08	4.43E+00	6.22E-02	1.18E-03	6.56E-03	1.66E-02	3.03E-01	1.42E+01	2.00E+00	1.64E-07	4.91E-08	2.26E-03	1.46E-04	1.25E+00	2.83E-01	1.64E+01	3.33E-05	1.64E+01	1.84E+01	1.98E+00	0.00E+00	0.00E+00	3.90E-10	7.42E-01
WH26585303C	1.99E-03	1.83E-01	2.36E-03	1.82E-01	5.34E-06	0.00E+00	2.41E+02	1.61E-05	1.18E-04	1.35E-03	1.96E-04	1.19E+00	6.98E-09	3.08E-08	3.69E+00	3.36E-02	2.89E-04	3.62E-03	1.17E-02	1.02E-01	4.19E+00	6.32E-01	1.25E-07	3.26E-08	4.34E-04	9.64E-05	7.72E-01	1.32E-01	4.08E+00	1.82E-05	4.08E+00	4.41E+00	6.33E-01	0.00E+00	0.00E+00	3.90E-10	4.15E-01
WH26585304C	1.99E-03	1.83E-01	2.36E-03	1.82E-01	5.34E-06	0.00E+00	2.41E+02	1.61E-05	1.18E-04	1.35E-03	1.96E-04	1.19E+00	6.98E-09	3.08E-08	3.69E+00	3.36E-02	2.89E-04	3.62E-03	1.17E-02	1.02E-01	4.19E+00	6.32E-01	1.25E-07	3.26E-08	4.34E-04	9.64E-05	7.72E-01	1.32E-01	4.08E+00	1.82E-05	4.08E+00	4.41E+00	6.33E-01	0.00E+00	0.00E+00	3.90E-10	4.15E-01
WH26585305C	1.99E-03	1.83E-01	2.36E-03	1.82E-01	5.34E-06	0.00E+00	2.41E+02	1.61E-05	1.18E-04	1.35E-03	1.96E-04	1.19E+00	6.98E-09	3.08E-08	3.69E+00	3.36E-02	2.89E-04	3.62E-03	1.17E-02	1.02E-01	4.19E+00	6.32E-01	1.25E-07	3.26E-08	4.34E-04	9.64E-05	7.72E-01	1.32E-01	4.08E+00	1.82E-05	4.08E+00	4.41E+00	6.33E-01	0.00E+00	0.00E+00	3.90E-10	4.15E-01
WH26585307C	1.99E-03	1.83E-01	2.36E-03	1.82E-01	5.34E-06	0.00E+00	2.41E+02	1.61E-05	1.18E-04	1.35E-03	1.96E-04	1.19E+00	6.98E-09	3.08E-08	3.69E+00	3.36E-02	2.89E-04	3.62E-03	1.17E-02	1.02E-01	4.19E+00	6.32E-01	1.25E-07	3.26E-08	4.34E-04	9.64E-05	7.72E-01	1.32E-01	4.08E+00	1.82E-05	4.08E+00	4.41E+00	6.33E-01	0.00E+00	0.00E+00	3.90E-10	4.15E-01
WH26585400C	2.03E-03	2.18E-01	2.09E-03	1.99E-01	4.06E-06	0.00E+00	2.63E+02	4.34E-05	1.37E-04	1.57E-03	1.91E-04	1.97E+00	1.07E-07	3.50E-08	3.99E+00	9.74E-02	2.98E-04	1.16E-02	2.92E-02	1.01E-01	4.29E+00	5.26E-01	1.62E-07	3.63E-08	5.10E-04	9.64E-05	1.05E+00	9.60E-02	4.40E+00	3.69E-05	4.40E+00	4.68E+00	9.51E-01	0.00E+00	0.00E+00	3.90E-10	1.04E+00
WH26585405C	1.96E-03	2.12E-01	2.05E-03	1.92E-01	4.26E-06	0.00E+00	2.49E+02	2.90E-05	1.31E-04	1.38E-03	1.89E-04	1.53E+00	1.02E-07	3.37E-08	3.46E+00	6.56E-02	2.98E-04	8.97E-03	2.36E-02	9.72E-02	4.27E+00	5.28E-01	1.54E-07	3.52E-08	5.11E-04	9.55E-05	1.03E+00	1.00E-01	4.36E+00	2.46E-05	4.36E+00	4.62E+00	7.52E-01	0.00E+00	0.00E+00	3.90E-10	8.84E-01
WH26592200C	6.45E-03	7.33E-01	8.32E-03	7.28E-01	1.96E-06	0.00E+00	3.15E+02	4.24E-05	6.52E-04	6.66E-03	8.64E-04	2.83E+00	1.30E-07	4.35E-08	4.64E+00	8.40E-02	1.18E-03	1.31E-02	3.40E-02	3.38E-01	1.56E+01	1.74E+00	1.68E-07	5.23E-08	2.58E-03	1.95E-04	1.33E+00	2.77E-01	1.85E+01	4.42E-05	1.84E+01	1.92E+01	1.89E+00	0.00E+00	0.00E+00	3.90E-10	1.40E+00
WH26592205C	1.91E-03	2.17E-01	2.28E-03	1.98E-01	3.88E-06	0.00E+00	2.55E+02	3.32E-05	1.34E-04	1.49E-03	1.88E-04	1.60E+00	1.04E-07	3.28E-08	3.36E+00	6.41E-02	2.98E-04	9.75E-03	2.69E-02	9.84E-02	4.26E+00	5.27E-01	1.55E-07	3.77E-08	5.10E-04	9.59E-05	9.09E-01	9.55E-02	4.36E+00	2.53E-05	4.36E+00	4.64E+00	7.78E-01	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH26593200C	1.43E-02	1.69E+00	-4.17E-02	1.87E+00	6.40E-06	0.00E+00	6.71E+02	5.62E-05	1.67E-03	1.69E-02	3.33E-03	3.41E+00	1.08E-07	9.10E-08	8.09E+00	1.44E-01	4.64E-03	1.44E-02	2.30E-02	4.75E-01	3.07E+01	7.04E+00	1.83E-07	1.02E-07	5.47E-03	2.46E-04	1.98E+00	1.81E+00	3.86E+01	6.69E-05	3.87E+01	4.17E+01	3.71E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH26595200C	5.61E-03	6.62E-01	8.23E-03	6.82E-01	2.05E-06	0.00E+00	2.97E+02	3.79E-05	5.83E-04	6.18E-03	8.70E-04	2.37E+00	1.25E-07	3.43E-08	4.10E+00	7.94E-02	1.18E-03	1.28E-02	3.37E-02	2.94E-01	1.44E+01	1.74E+00	1.68E-07	5.41E-08	2.25E-03	1.51E-04	1.29E+00	2.72E-01	1.65E+01	4.13E-05	1.65E+01	1.83E+01	1.84E+00	0.00E+00	0.00E+00	3.90E-10	1.42E+00
WH26595205C	1.96E-03	2.12E-01	2.25E-03	1.92E-01	3.88E-06	0.00E+00	2.49E+02	2.94E-05	1.31E-04	1.38E-03	1.89E-04	1.61E+00	1.03E-07	3.37E-08	3.47E+00	6.57E-02	2.98E-04	8.77E-03	2.64E-02	9.72E-02	4.25E+00	5.28E-01	1.55E-07	3.79E-08	5.11E-04	9.59E-05	8.92E-01	1.01E-01	4.36E+00	2.54E-05	4.36E+00	4.61E+00	6.67E-01	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH26595207C	1.96E-03	2.12E-01	2.25E-03	1.92E-01	3.88E-06	0.00E+00	2.49E+02	2.94E-05	1.31E-04	1.38E-03	1.89E-04	1.61E+00	1.03E-07	3.37E-08	3.47E+00	6.57E-02	2.98E-04	8.77E-03	2.64E-02	9.72E-02	4.25E+00	5.28E-01	1.55E-07	3.79E-08	5.11E-04	9.59E-05	8.92E-01	1.01E-01	4.36E+00	2.54E-05	4.36E+00	4.61E+00	6.67E-01	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH26596200C	1.14E-02	1.51E+00	-4.27E-02	1.65E+00	6.36E-06	0.00E+00	4.81E+02	4.61E-05	1.30E-03	1.44E-02	3.20E-03	3.31E+00	1.23E-07	8.12E-08	8.15E+00	1.18E-01	4.64E-03	1.35E-02	2.31E-02	4.46E-01	2.69E+01	7.17E+00	1.83E-07	8.94E-08	4.98E-03	2.07E-04	1.98E+00	1.79E+00	3.48E+01	5.45E-05	3.50E+01	3.84E+01	3.67E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH26596203C	1.14E-02	1.51E+00	-4.27E-02	1.65E+00	6.36E-06	0.00E+00	4.81E+02	4.61E-05	1.30E-03	1.44E-02	3.20E-03	3.31E+00	1.23E-07	8.12E-08	8.15E+00	1.18E-01	4.64E-03	1.35E-02	2.31E-02	4.46E-01	2.69E+01	7.17E+00	1.83E-07	8.94E-08	4.98E-03	2.07E-04	1.98E+00	1.79E+00	3.48E+01	5.45E-05	3.50E+01	3.84E+01	3.67E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH26596207C	1.14E-02	1.51E+00	-4.27E-02	1.65E+00	6.36E-06	0.00E+00	4.81E+02	4.61E-05	1.30E-03	1.44E-02	3.20E-03	3.31E+00	1.23E-07	8.12E-08	8.15E+00	1.18E-01	4.64E-03	1.35E-02	2.31E-02	4.46E-01	2.69E+01	7.17E+00	1.83E-07	8.94E-08	4.98E-03	2.07E-04	1.98E+00	1.79E+00	3.48E+01	5.45E-05	3.50E+01	3.84E+01	3.67E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH26620300C	2.78E-03	1.90E-01	3.38E-03	1.88E-01	5.33E-06	0.00E+00	5.03E+02	2.83E-05	1.22E-04	1.49E-03	1.97E-04	2.17E+00	8.47E-09	4.45E-08	4.85E+00	6.92E-02	2.91E-04	5.77E-03	1.30E-02	1.26E-01	4.41E+00	6.26E-01	1.37E-07	4.23E-08	4.35E-04	1.34E-04	9.28E-01	1.28E-01	4.39E+00	2.90E-05	4.37E+00	4.62E+00	9.04E-01	0.00E+00	0.00E+00	3.90E-10	4.91E-01
WH26620303C	2.72E-03	1.90E-01	3.37E-03	1.89E-01	5.43E-06	0.00E+00	4.33E+02	1.94E-05	1.20E-04	1.44E-03	1.95E-04	2.23E+00	7.77E-09	3.65E-08	4.83E+00	4.68E-02	2.89E-04	4.51E-03	1.33E-02	1.02E-01	4.31E+00	6.31E-01	1.26E-07	4.32E-08	4.36E-04	9.78E-05	8.98E-01	1.28E-01	4.27E+00	2.82E-05	4.27E+00	4.51E+00	7.12E-01	0.00E+00	0.00E+00	3.90E-10	4.83E-01
WH26620304C	2.72E-03	1.90E-01	3.37E-03	1.89E-01	5.43E-06	0.00E+00	4.33E+02	1.94E-05	1.20E-04	1.44E-03	1.95E-04	2.23E+00	7.77E-09	3.65E-08	4.83E+00	4.68E-02	2.89E-04	4.51E-03	1.33E-02	1.02E-01	4.31E+00	6.31E-01	1.26E-07	4.32E-08	4.36E-04	9.78E-05	8.98E-01	1.28E-01	4.27E+00	2.82E-05	4.27E+00	4.51E+00	7.12E-01	0.00E+00	0.00E+00	3.90E-10	4.83E-01
WH26620305C	2.72E-03	1.90E-01	3.37E-03	1.89E-01	5.43E-06	0.00E+00	4.33E+02	1.94E-05	1.20E-04	1.44E-03	1.95E-04	2.23E+00	7.77E-09	3.65E-08	4.83E+00	4.68E-02	2.89E-04	4.51E-03	1.33E-02	1.02E-01	4.31E+00	6.31E-01	1.26E-07	4.32E-08	4.36E-04	9.78E-05	8.98E-01	1.28E-01	4.27E+00	2.82E-05	4.27E+00	4.51E+00	7.12E-01	0.00E+00	0.00E+00	3.90E-10	4.83E-01
WH26620307C	2.72E-03	1.90E-01	3.37E-03	1.89E-01	5.43E-06	0.00E+00	4.33E+02	1.94E-05	1.20E-04	1.44E-03	1.95E-04	2.23E+00	7.77E-09	3.65E-08	4.83E+00	4.68E-02	2.89E-04	4.51E-03	1.33E-02	1.02E-01	4.31E+00	6.31E-01	1.26E-07	4.32E-08	4.36E-04	9.78E-05	8.98E-01	1.28E-01	4.27E+00	2.82E-05	4.27E+00	4.51E+00	7.12E-01	0.00E+00	0.00E+00	3.90E-10	4.83E-01
WH26620309C	2.72E-03	1.90E-01	3.37E-03	1.89E-01	5.43E-06	0.00E+00	4.33E+02	1.94E-05	1.20E-04	1.44E-03	1.95E-04	2.23E+00	7.77E-09	3.65E-08	4.83E+00	4.68E-02	2.89E-04	4.51E-03	1.33E-02	1.02E-01	4.31E+00	6.31E-01	1.26E-07	4.32E-08	4.36E-04	9.78E-05	8.98E-01	1.28E-01	4.27E+00	2.82E-05	4.27E+00	4.51E+00	7.12E-01	0.00E+00	0.00E+00	3.90E-10	4.83E-01
WH26620700C	6.24E-03	6.93E-01	7.45E-03	6.82E-01	4.26E-06	0.00E+00	5.11E+02	3.18E-05	5.36E-04	5.99E-03	7.98E-04	2.49E+00	1.20E-08	4.98E-08	5.19E+00	8.01E-02	1.07E-03	7.78E-03	1.73E-02	3.27E-01	1.60E+01	2.04E+00	1.70E-07	5.33E-08	2.21E-03	1.83E-04	1.41E+00	2.80E-01	1.85E+01	3.08E-05	1.86E+01	2.00E+01	2.05E+00	0.00E+00	0.00E+00	3.90E-10	7.68E-01
WH26620704C	2.74E-03	1.90E-01	3.37E-03	1.89E-01	5.56E-06	0.00E+00	4.40E+02	2.02E-05	1.20E-04	1.44E-03	1.95E-04	2.28E+00	7.78E-09	3.75E-08	5.02E+00	5.02E-02	2.89E-04	4.55E-03	1.34E-02	1.02E-01	4.32E+00	6.31E-01	1.26E-07	4.33E-08	4.36E-04	9.78E-05	9.21E-01	1.28E-01	4.27E+00	2.92E-05	4.27E+00	4.51E+00	7.44E-01	0.00E+00	0.00E+00	3.90E-10	4.81E-01
WH26620705C	2.74E-03	1.90E-01	3.37E-03	1.89E-01	5.56E-06	0.00E+00	4.40E+02	2.02E-05	1.20E-04	1.44E-03	1.95E-04	2.28E+00	7.78E-09	3.75E-08	5.02E+00	5.02E-02	2.89E-04	4.55E-03	1.34E-02	1.02E-01	4.32E+00	6.31E-01	1.26E-07	4.33E-08	4.36E-04	9.78E-05	9.21E-01	1.28E-01	4.27E+00	2.92E-05	4.27E+00	4.51E+00	7.44E-01	0.00E+00	0.00E+00	3.90E-10	4.81E-01
WH26623305C	6.20E-03	6.51E-01	7.47E-03	6.43E-01	6.06E-06	0.00E+00	4.34E+02	2.63E-05	5.31E-04	5.86E-03	7.84E-04	2.52E+00	9.45E-09	4.26E-08	4.89E+00	7.85E-02	1.06E-03	6.61E-03	1.70E-02	2.82E-01	1.28E+01	2.05E+00	1.72E-07	5.26E-08	2.16E-03	1.41E-04	1.37E+00	2.83E-01	1.50E+01	3.10E-05	1.51E+01	1.68E+01	1.91E+00	0.00E+00	0.00E+00	3.90E-10	7.28E-01
WH26625300C	6.08E-03	6.60E-01	7.39E-03	6.55E-01	4.04E-06	0.00E+00	4.28E+02	2.80E-05	5.32E-04	5.91E-03	8.00E-04	2.40E+00	9.74E-09	4.32E-08	4.92E+00	7.40E-02	1.08E-03	6.91E-03	1.68E-02	2.86E-01	1.38E+01	2.04E+00	1.70E-07	5.31E-08	2.16E-03	1.41E-04	1.38E+00	2.80E-01	1.53E+01	3.38E-05	1.53E+01	1.76E+01	2.03E+00	0.00E+00	0.00E+00	3.90E-10	7.36E-01
WH26625303C	2.78E-03	1.88E-01	3.39E-03	1.85E-01	5.43E-06	0.00E+00	4.33E+02	1.92E-05	1.18E-04	1.35E-03	1.96E-04	2.24E+00	7.77E-09	3.66E-08	4.83E+00	4.66E-02	2.89E-04	4.50E-03	1.33E-02	1.01E-01	4.30E+00	6.32E-01	1.26E-07	4.35E-08	4.37E-04	9.78E-05	8.69E-01	1.34E-01	4.27E+00	2.84E-05	4.27E+00	4.47E+00	6.20E-01	0.00E+00	0.00E+00	3.90E-10	4.87E-01
WH26625304C	2.78E-03	1.88E-01	3.39E-03	1.85E-01	5.43E-06	0.00E+00	4.33E+02	1.92E-05	1.18E-04	1.35E-03	1.96E-04	2.24E+00	7.77E-09	3.66E-08	4.83E+00	4.66E-02	2.89E-04	4.50E-03	1.33E-02	1.01E-01	4.30E+00	6.32E-01	1.26E-07	4.35E-08	4.37E-04	9.78E-05	8.69E-01	1.34E-01	4.27E+00	2.84E-05	4.27E+00	4.47E+00	6.20E-01	0.00E+00	0.00E+00	3.90E-10	4.87E-01
WH26625305C	2.78E-03	1.88E-01	3.39E-03	1.85E-01	5.43E-06	0.00E+00	4.33E+02	1.92E-05	1.18E-04	1.35E-03	1.96E-04	2.24E+00	7.77E-09	3.66E-08	4.83E+00	4.66E-02	2.89E-04	4.50E-03	1.33E-02	1.01E-01	4.30E+00	6.32E-01	1.26E-07	4.35E-08	4.37E-04	9.78E-05	8.69E-01	1.34E-01	4.27E+00	2.84E-05	4.27E+00	4.47E+00	6.20E-01	0.00E+00	0.00E+00	3.90E-10	4.87E-01
WH26625307C	2.78E-03	1.88E-01	3.39E-03	1.85E-01	5.43E-06	0.00E+00	4.33E+02	1.92E-05	1.18E-04	1.35E-03	1.96E-04	2.24E+00	7.77E-09	3.66E-08	4.83E+00	4.66E-02	2.89E-04	4.50E-03	1.33E-02	1.01E-01	4.30E+00	6.32E-01	1.26E-07	4.35E-08	4.37E-04	9.78E-05	8.69E-01	1.34E-01	4.27E+00	2.84E-05	4.27E+00	4.47E+00	6.20E-01	0.00E+00	0.00E+00	3.90E-10	4.87E-01
WH26625700C	5.91E-03	6.18E-01	7.44E-03	6.11E-01	4.20E-06	0.00E+00	4.36E+02	2.84E-05	5.21E-04	5.77E-03	7.58E-04	2.45E+00	9.77E-09	4.41E-08	5.18E+00	7.79E-02	1.03E-03	7.06E-03	1.69E-02	2.67E-01	1.29E+01	2.00E+00	1.69E-07	5.29E-08	2.08E-03	1.34E-04	1.19E+00	2.77E-01	1.44E+01	3.47E-05	1.44E+01	1.62E+01	1.98E+00	0.00E+00	0.00E+00	3.90E-10	7.10E-01
WH26625709C	5.92E-03	6.18E-01	7.49E-03	6.13E-01	4.19E-06	0.00E+00	4.41E+02	2.77E-05	5.20E-04	5.76E-03	7.58E-04	2.46E+00	9.51E-09	4.37E-08	5.19E+00	7.94E-02	1.03E-03	6.80E-03	1.72E-02	2.69E-01	1.24E+01	2.02E+00	1.69E-07	5.24E-08	2.09E-03	1.34E-04	1.16E+00	2.79E-01	1.40E+01	3.22E-05	1.40E+01	1.59E+01	1.65E+00	0.00E+00	0.00E+00	3.90E-10	7.13E-01
WH26640300C	7.60E-03	7.44E-01	-1.80E-02	7.62E-01	3.61E-06	0.00E+00	6.41E+02	3.29E-05	6.24E-04	6.53E-03	1.03E-03	3.33E+00	1.44E-08	5.85E-08	6.16E+00	8.67E-02	1.39E-03	8.15E-03	1.98E-02	3.22E-01	1.24E+01	2.29E+00	1.85E-07	5.91E-08	2.55E-03	1.69E-04	2.27E-01	6.64E-01	1.47E+01	3.91E-05	1.47E+01	1.56E+01	8.90E-01	0.00E+00	0.00E+00	0.00E+00	8.52E-01
WH26640700C	7.66E-03	6.78E-01	-2.00E-02	6.98E-01	4.77E-06	0.00E+00	4.64E+02	3.31E-05	5.83E-04	6.12E-03	1.04E-03	3.52E+00	1.36E-08	6.07E-08	6.60E+00	9.72E-02	1.41E-03	8.61E-03	1.93E-02	3.07E-01	1.19E+01	1.99E+00	1.75E-07	5.96E-08	2.43E-03	1.63E-04	2.82E-01	6.49E-01	1.39E+01	4.16E-05	1.39E+01	1.49E+01	9.31E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-01

WH26640703C	2.88E-03	1.90E-01	3.61E-03	1.89E-01	5.69E-06	0.00E+00	4.74E+02	2.62E-05	1.20E-04	1.44E-03	1.95E-04	3.49E+00	8.02E-09	5.85E-08	6.58E+00	7.62E-02	2.89E-04	6.26E-03	1.38E-02	1.01E-01	4.31E+00	6.30E-01	1.27E-07	5.01E-08	4.36E-04	9.79E-05	7.74E-01	1.25E-01	4.26E+00	4.13E-05	4.26E+00	4.51E+00	6.93E-01	0.00E+00	0.00E+00	3.90E-10	4.94E-01
WH26640704C	2.88E-03	1.90E-01	3.61E-03	1.89E-01	5.69E-06	0.00E+00	4.74E+02	2.62E-05	1.20E-04	1.44E-03	1.95E-04	3.49E+00	8.02E-09	5.85E-08	6.58E+00	7.62E-02	2.89E-04	6.26E-03	1.38E-02	1.01E-01	4.31E+00	6.30E-01	1.27E-07	5.01E-08	4.36E-04	9.79E-05	7.74E-01	1.25E-01	4.26E+00	4.13E-05	4.26E+00	4.51E+00	6.93E-01	0.00E+00	0.00E+00	3.90E-10	4.94E-01
WH26640705C	2.88E-03	1.90E-01	3.61E-03	1.89E-01	5.69E-06	0.00E+00	4.74E+02	2.62E-05	1.20E-04	1.44E-03	1.95E-04	3.49E+00	8.02E-09	5.85E-08	6.58E+00	7.62E-02	2.89E-04	6.26E-03	1.38E-02	1.01E-01	4.31E+00	6.30E-01	1.27E-07	5.01E-08	4.36E-04	9.79E-05	7.74E-01	1.25E-01	4.26E+00	4.13E-05	4.26E+00	4.51E+00	6.93E-01	0.00E+00	0.00E+00	3.90E-10	4.94E-01
WH26640707C	2.88E-03	1.90E-01	3.61E-03	1.89E-01	5.69E-06	0.00E+00	4.74E+02	2.62E-05	1.20E-04	1.44E-03	1.95E-04	3.49E+00	8.02E-09	5.85E-08	6.58E+00	7.62E-02	2.89E-04	6.26E-03	1.38E-02	1.01E-01	4.31E+00	6.30E-01	1.27E-07	5.01E-08	4.36E-04	9.79E-05	7.74E-01	1.25E-01	4.26E+00	4.13E-05	4.26E+00	4.51E+00	6.93E-01	0.00E+00	0.00E+00	3.90E-10	4.94E-01
WH26643305C	7.50E-03	7.50E-01	7.78E-03	7.09E-01	4.10E-06	0.00E+00	6.21E+02	3.13E-05	5.86E-04	6.39E-03	8.85E-04	3.34E+00	1.08E-08	5.84E-08	6.16E+00	9.47E-02	1.20E-03	7.94E-03	1.86E-02	3.12E-01	1.35E+01	2.27E+00	1.77E-07	5.96E-08	2.46E-03	1.56E-04	9.25E-01	2.92E-01	1.55E+01	3.97E-05	1.55E+01	1.65E+01	1.40E+00	0.00E+00	0.00E+00	3.90E-10	8.09E-01
WH26645300C	7.20E-03	6.86E-01	7.66E-03	6.90E-01	3.63E-06	0.00E+00	6.28E+02	3.12E-05	5.62E-04	6.20E-03	8.62E-04	3.33E+00	1.12E-08	5.82E-08	6.15E+00	8.43E-02	1.17E-03	7.77E-03	1.80E-02	2.84E-01	1.41E+01	2.13E+00	1.71E-07	5.81E-08	2.28E-03	1.47E-04	8.91E-01	2.89E-01	1.49E+01	3.92E-05	1.49E+01	1.63E+01	1.68E+00	0.00E+00	0.00E+00	3.90E-10	7.81E-01
WH26645303C	7.20E-03	6.90E-01	7.63E-03	6.91E-01	3.65E-06	0.00E+00	6.28E+02	3.26E-05	5.63E-04	6.22E-03	8.62E-04	3.33E+00	1.09E-08	5.83E-08	6.14E+00	8.67E-02	1.17E-03	7.97E-03	1.80E-02	2.81E-01	1.34E+01	2.15E+00	1.71E-07	5.78E-08	2.29E-03	1.47E-04	8.49E-01	2.89E-01	1.41E+01	3.92E-05	1.41E+01	1.51E+01	1.34E+00	0.00E+00	0.00E+00	3.90E-10	7.81E-01
WH26645304C	7.20E-03	6.90E-01	7.63E-03	6.91E-01	3.65E-06	0.00E+00	6.28E+02	3.26E-05	5.63E-04	6.22E-03	8.62E-04	3.33E+00	1.09E-08	5.83E-08	6.14E+00	8.67E-02	1.17E-03	7.97E-03	1.80E-02	2.81E-01	1.34E+01	2.15E+00	1.71E-07	5.78E-08	2.29E-03	1.47E-04	8.49E-01	2.89E-01	1.41E+01	3.92E-05	1.41E+01	1.51E+01	1.34E+00	0.00E+00	0.00E+00	3.90E-10	7.81E-01
WH26645305C	7.20E-03	6.90E-01	7.63E-03	6.91E-01	3.65E-06	0.00E+00	6.28E+02	3.26E-05	5.63E-04	6.22E-03	8.62E-04	3.33E+00	1.09E-08	5.83E-08	6.14E+00	8.67E-02	1.17E-03	7.97E-03	1.80E-02	2.81E-01	1.34E+01	2.15E+00	1.71E-07	5.78E-08	2.29E-03	1.47E-04	8.49E-01	2.89E-01	1.41E+01	3.92E-05	1.41E+01	1.51E+01	1.34E+00	0.00E+00	0.00E+00	3.90E-10	7.81E-01
WH26645307C	7.20E-03	6.90E-01	7.63E-03	6.91E-01	3.65E-06	0.00E+00	6.28E+02	3.26E-05	5.63E-04	6.22E-03	8.62E-04	3.33E+00	1.09E-08	5.83E-08	6.14E+00	8.67E-02	1.17E-03	7.97E-03	1.80E-02	2.81E-01	1.34E+01	2.15E+00	1.71E-07	5.78E-08	2.29E-03	1.47E-04	8.49E-01	2.89E-01	1.41E+01	3.92E-05	1.41E+01	1.51E+01	1.34E+00	0.00E+00	0.00E+00	3.90E-10	7.81E-01
WH26645700C	7.36E-03	6.86E-01	8.05E-03	6.94E-01	4.70E-06	0.00E+00	4.75E+02	3.13E-05	5.67E-04	6.01E-03	8.75E-04	3.52E+00	1.08E-08	6.07E-08	6.58E+00	9.25E-02	1.18E-03	8.05E-03	1.86E-02	2.98E-01	1.41E+01	2.04E+00	1.74E-07	5.96E-08	2.36E-03	1.54E-04	1.03E+00	2.91E-01	1.51E+01	4.15E-05	1.51E+01	1.66E+01	1.80E+00	0.00E+00	0.00E+00	3.90E-10	8.03E-01
WH26645704C	7.36E-03	6.87E-01	8.03E-03	6.95E-01	4.75E-06	0.00E+00	4.78E+02	3.28E-05	5.68E-04	6.02E-03	8.75E-04	3.52E+00	1.04E-08	6.07E-08	6.58E+00	9.67E-02	1.18E-03	8.38E-03	1.87E-02	2.95E-01	1.34E+01	2.07E+00	1.74E-07	5.89E-08	2.37E-03	1.54E-04	9.93E-01	2.91E-01	1.43E+01	4.15E-05	1.43E+01	1.55E+01	1.52E+00	0.00E+00	0.00E+00	3.90E-10	8.03E-01
WH26750100C	2.10E-03	2.18E-01	2.12E-03	1.98E-01	1.13E-05	0.00E+00	2.42E+02	7.84E-05	1.41E-04	1.65E-03	1.96E-04	1.27E+00	8.03E-08	5.49E-08	4.65E+00	2.40E-01	2.98E-04	1.14E-02	1.11E-02	1.06E-01	4.26E+00	5.47E-01	1.60E-07	3.40E-08	5.38E-04	8.44E-05	6.41E-01	9.80E-02	4.39E+00	4.77E-05	4.39E+00	4.70E+00	9.97E-01	0.00E+00	0.00E+00	3.90E-10	5.17E-01
WH26915600C	8.51E-03	1.06E+00	-4.40E-02	1.06E+00	5.62E-06	0.00E+00	4.45E+02	3.16E-05	9.30E-04	1.01E-02	1.69E-03	2.96E+00	2.02E-08	5.17E-08	4.66E+00	7.54E-02	2.28E-03	9.11E-03	2.42E-02	4.71E-01	2.00E+01	4.31E+00	4.52E-07	7.31E-08	3.76E-03	2.16E-04	1.44E+00	1.62E+00	2.50E+01	4.94E-05	2.50E+01	2.66E+01	2.49E+00	0.00E+00	0.00E+00	3.90E-10	9.90E-01
WH26915700C	1.40E-02	1.71E+00	-4.26E-02	1.80E+00	3.54E-06	0.00E+00	5.03E+02	4.60E-05	1.50E-03	1.49E-02	2.46E-03	4.37E+00	2.62E-07	7.40E-08	5.41E+00	1.29E-01	3.37E-03	2.29E-02	5.06E-02	5.91E-01	3.52E+01	5.89E+00	5.71E-07	1.09E-07	5.68E-03	2.54E-04	2.33E+00	1.70E+00	4.14E+01	8.38E-05	4.14E+01	4.48E+01	3.28E+00	0.00E+00	0.00E+00	3.90E-10	1.81E+00
WH26915800C	1.17E-02	1.19E+00	-4.38E-02	1.22E+00	3.54E-06	0.00E+00	5.05E+02	4.28E-05	1.35E-03	1.27E-02	1.68E-03	3.86E+00	2.60E-07	6.87E-08	5.13E+00	1.20E-01	2.26E-03	1.80E-02	4.83E-02	5.71E-01	2.56E+01	3.37E+00	5.54E-07	9.43E-08	4.73E-03	2.50E-04	2.06E+00	1.63E+00	2.85E+01	8.06E-05	2.84E+01	2.96E+01	2.88E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
WH26916300C	8.51E-03	1.06E+00	-4.40E-02	1.06E+00	5.62E-06	0.00E+00	4.45E+02	3.16E-05	9.30E-04	1.01E-02	1.69E-03	2.96E+00	2.06E-08	5.17E-08	4.66E+00	7.54E-02	2.28E-03	9.11E-03	2.42E-02	4.71E-01	2.00E+01	4.31E+00	4.52E-07	7.31E-08	3.76E-03	2.16E-04	1.44E+00	1.62E+00	2.50E+01	4.94E-05	2.50E+01	2.66E+01	2.49E+00	0.00E+00	0.00E+00	3.90E-10	9.90E-01
WH26917000C	1.21E-02	1.13E+00	-4.30E-02	1.14E+00	6.25E-06	0.00E+00	5.19E+02	3.80E-05	1.37E-03	1.26E-02	1.69E-03	3.40E+00	2.10E-08	5.93E-08	4.80E+00	8.11E-02	2.28E-03	1.07E-02	2.41E-02	4.95E-01	2.43E+01	4.27E+00	4.49E-07	8.03E-08	4.77E-03	2.46E-04	1.46E+00	1.62E+00	2.77E+01	6.59E-05	2.77E+01	2.97E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	9.96E-01
WH26917805C	1.42E-02	1.68E+00	-1.81E-01	1.86E+00	6.70E-06	0.00E+00	3.39E+03	5.75E-05	1.67E-03	1.69E-02	3.33E-03	3.44E+00	1.05E-07	9.17E-08	8.12E+00	1.41E-01	4.64E-03	1.72E-02	2.52E-02	5.02E-01	3.08E+01	6.99E+00	4.73E-07	1.02E-07	5.45E-03	2.58E-04	1.68E+00	2.49E+00	3.81E+01	6.69E-05	3.82E+01	4.14E+01	3.68E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH27580300C	4.01E-03	5.04E-01	-1.19E-02	5.16E-01	3.60E-06	0.00E+00	2.55E+02	1.11E-05	4.25E-04	4.46E-03	7.28E-04	1.39E+00	9.23E-09	1.94E-08	2.12E+00	3.33E-02	9.86E-04	4.86E-03	1.32E-02	2.44E-01	9.88E+00	1.68E+00	1.55E-07	3.73E-08	1.75E-03	1.33E-04	6.24E-01	4.77E-01	1.16E+01	1.73E-05	1.16E+01	1.27E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-01
WH27580303C	1.94E-03	1.86E-01	2.44E-03	1.85E-01	5.35E-06	0.00E+00	2.41E+02	1.82E-05	1.20E-04	1.45E-03	1.95E-04	1.19E+00	6.96E-09	3.05E-08	3.59E+00	3.38E-02	2.89E-04	3.67E-03	1.18E-02	1.02E-01	4.19E+00	6.31E-01	1.25E-07	3.23E-08	4.33E-04	9.64E-05	7.97E-01	1.25E-01	4.09E+00	1.79E-05	4.09E+00	4.45E+00	7.27E-01	0.00E+00	0.00E+00	3.90E-10	4.13E-01
WH27580304C	1.94E-03	1.86E-01	2.44E-03	1.85E-01	5.35E-06	0.00E+00	2.41E+02	1.82E-05	1.20E-04	1.45E-03	1.95E-04	1.19E+00	6.96E-09	3.05E-08	3.59E+00	3.38E-02	2.89E-04	3.67E-03	1.18E-02	1.02E-01	4.19E+00	6.31E-01	1.25E-07	3.23E-08	4.33E-04	9.64E-05	7.97E-01	1.25E-01	4.09E+00	1.79E-05	4.09E+00	4.45E+00	7.27E-01	0.00E+00	0.00E+00	3.90E-10	4.13E-01
WH27580305C	1.94E-03	1.86E-01	2.44E-03	1.85E-01	5.35E-06	0.00E+00	2.41E+02	1.82E-05	1.20E-04	1.45E-03	1.95E-04	1.19E+00	6.96E-09	3.05E-08	3.59E+00	3.38E-02	2.89E-04	3.67E-03	1.18E-02	1.02E-01	4.19E+00	6.31E-01	1.25E-07	3.23E-08	4.33E-04	9.64E-05	7.97E-01	1.25E-01	4.09E+00	1.79E-05	4.09E+00	4.45E+00	7.27E-01	0.00E+00	0.00E+00	3.90E-10	4.13E-01
WH27580306C	3.92E-03	5.04E-01	5.09E-03	4.99E-01	3.60E-06	0.00E+00	2.55E+02	1.10E-05	4.03E-04	4.29E-03	6.29E-04	1.39E+00	7.20E-09	1.93E-08	2.02E+00	3.35E-02	8.52E-04	4.74E-03	1.28E-02	2.38E-01	9.92E+00	1.73E+00	1.54E-07	3.70E-08	1.68E-03	1.31E-04	7.99E-01	2.59E-01	1.17E+01	1.75E-05	1.17E+01	1.27E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-01
WH27580307C	1.94E-03	1.86E-01	2.44E-03	1.85E-01	5.35E-06	0.00E+00	2.41E+02	1.82E-05	1.20E-04	1.45E-03	1.95E-04	1.19E+00	6.96E-09	3.05E-08	3.59E+00	3.38E-02	2.89E-04	3.67E-03	1.18E-02	1.02E-01	4.19E+00	6.31E-01	1.25E-07	3.23E-08	4.33E-04	9.64E-05	7.97E-01	1.25E-01	4.09E+00	1.79E-05	4.09E+00	4.45E+00	7.27E-01	0.00E+00	0.00E+00	3.90E-10	4.13E-01
WH27580309C	1.94E-03	1.86E-01	2.44E-03	1.85E-01	5.35E-06	0.00E+00	2.41E+02	1.82E-05	1.20E-04	1.45E-03	1.95E-04	1.19E+00	6.96E-09	3.05E-08	3.59E+00	3.38E-02	2.89E-04	3.67E-03	1.18E-02	1.02E-01	4.19E+00	6.31E-01	1.25E-07	3.23E-08	4.33E-04	9.64E-05	7.97E-01	1.25E-01	4.09E+00	1.79E-05	4.09E+00	4.45E+00	7.27E-01	0.00E+00	0.00E+00	3.90E-10	4.13E-01
WH27583305C	4.31E-03	5.29E-01	5.42E-03	5.10E-01	5.10E-06	0.00E+00	2.55E+02	2.18E-05	4.24E-04	4.60E-03	6.70E-04	1.51E+00	7.98E-09	3.25E-08	3.68E+00	4.37E-02	9.10E-04	5.32E-03	1.36E-02	2.48E-01	1.10E+01	1.78E+00	1.58E-07	4.25E-08	1.82E-03	1.29E-04	1.10E+00	2.61E-01	1.29E+01	2.17E-05	1.29E+01	1.41E+01	1.52E+00	0.00E+00	0.00E+00	3.90E-10	5.69E-01
WH27583306C	4.11E-03	5.32E-01	5.33E-03	5.27E-01	5.91E-06	0.00E+00	2.55E+02	1.12E-05	4.23E-04	4.53E-03	6.60E-04	1.50E+00	7.23E-09	1.96E-08	2.09E+00	4.07E-02	8.94E-04	5.28E-03	1.31E-02	2.50E-01	1.09E+01	1.81E+00	1.59E-07	4.09E-08	1.76E-03	1.37E-04	9.12E-01	2.62E-01	1.27E+01	1.96E-05	1.27E+01	1.39E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-01
WH27583307C	4.31E-03	5.29E-01	5.42E-03	5.10E-01	5.10E-06	0.00E+00	2.55E+02	2.18E-05	4.24E-04	4.60E-03	6.70E-04	1.51E+00	7.98E-09	3.25E-08	3.68E+00	4.37E-02	9.10E-04	5.32E-03	1.36E-02	2.48E-01	1.10E+01	1.78E+00	1.58E-07	4.25E-08	1.82E-03	1.29E-04	1.10E+00	2.61E-01	1.29E+01	2.17E-05	1.29E+01	1.41E+01	1.52E+00	0.00E+00	0.00E+00	3.90E-10	5.69E-01
WH27585300C	4.02E-03	5.05E-01	-1.26E-02	5.17E-01	3.60E-06	0.00E+00	2.55E+02	1.14E-05	4.29E-04	4.56E-03	7.28E-04	1.39E+00	9.23E-09	1.94E-08	2.27E+00	3.38E-02	9.86E-04	4.86E-03	1.29E-02	2.49E-01	1.09E+01	1.65E+00	1.52E-07	3.85E-08	1.75E-03	1.33E-04	1.10E+00	4.72E-01	1.26E+01	1.75E-05	1.26E+01	1.41E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-01
WH27585303C	1.99E-03	1.83E-01	2.35E-03	1.82E-01	5.34E-06	0.00E+00	2.41E+02	1.61E-05	1.18E-04	1.35E-03	1.96E-04	1.20E+00	6.98E-09	3.08E-08	3.69E+00	3.36E-02	2.89E-04	3.61E-03	1.16E-02	1.02E-01	4.19E+00	6.32E-01	1.25E-07	3.27E-08	4.34E-04	9.60E-05	9.28E-01	1.31E-01	4.08E+00	1.82E-05	4.08E+00	4.41E+00	6.97E-01	0.00E+00	0.00E+00	3.90E-10	4.13E-01
WH27585304C	1.99E-03	1.83E-01	2.35E-03	1.82E-01	5.34E-06	0.00E+00	2.41E+02	1.61E-05	1.18E-04	1.35E-03	1.96E-04	1.20E+00	6.98E-09	3.08E-08	3.69E+00	3.36E-02	2.89E-04	3.61E-03	1.16E-02	1.02E-01	4.19E+00	6.32E-01	1.25E-07	3.27E-08	4.34E-04	9.60E-05	9.28E-01	1.31E-01	4.08E+00	1.82E-05	4.08E+00	4.41E+00	6.97E-01	0.00E+00	0.00E+00	3.90E-10	4.13E-01
WH27585305C	1.99E-03	1.83E-01	2.35E-03	1.82E-01	5.34E-06	0.00E+00	2.41E+02	1.61E-05	1.18E-04	1.35E-03	1.96E-04	1.20E+00	6.98E-09	3.08E-08	3.69E+00	3.36E-02	2.89E-04	3.61E-03	1.16E-02	1.02E-01	4.19E+00	6.32E-01	1.25E-07	3.27E-08	4.34E-04	9.60E-05	9.28E-01	1.31E-01	4.08E+00	1.82E-05	4.08E+00	4.41E+00	6.97E-01	0.00E+00	0.00E+00	3.90E-10	4.13E-01
WH27585306C	3.91E-03	5.02E-01	4.27E-03	4.98E-01	3.60E-06	0.00E+00	2.55E+02	1.12E-05	4.06E-04	4.38E-03	6.29E-04	1.39E+00	7.20E-09	1.93E-08	2.17E+00	3.38E-02	8.52E-04	4.74E-03	1.27E-02	2.40E-01	1.09E+01	1.70E+00	1.51E-07	3.81E-08	1.67E-03	1.28E-04	1.26E+00	2.53E-01	1.26E+01	1.75E-05	1.26E+01	1.41E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-01
WH27585307C	1.99E-03	1.83E-01	2.35E-03	1.82E-01	5.34E-06	0.00E+00	2.41E+02	1.61E-05	1.18E-04	1.35E-03	1.96E-04	1.20E+00	6.98E-09	3.08E-08	3.69E+00	3.36E-02	2.89E-04	3.61E-03	1.16E-02	1.02E-01	4.19E+00	6.32E-01	1.25E-07	3.27E-08	4.34E-04	9.60E-05	9.28E-01	1.31E-01	4.08E+00	1.82E-05	4.08E+00	4.41E+00	6.97E-01	0.00E+00	0.00E+00	3.90E-10	4.13E-01
WH27585309C	1.99E-03	1.83E-01	2.35E-03	1.82E-01	5.34E-06	0.00E+00	2.41E+02	1.61E-05	1.18E-04	1.35E-03	1.96E-04	1.20E+00	6.98E-09	3.08E-08	3.69E+00	3.36E-02	2.89E-04	3.61E-03	1.16E-02	1.02E-01	4.19E+00	6.32E-01	1.25E-07	3.27E-08	4.34E-04	9.60E-05	9.28E-01	1.31E-01	4.08E+00	1.82E-05	4.08E+00	4.41E+00	6.97E-01	0.00E+00	0.00E+00	3.90E-10	4.13E-01
WH27585400C	2.03E-03	2.18E-01	2.06E-03	1.99E-01	4.06E-06	0.00E+00	2.63E+02	4.35E-05	1.37E-04	1.57E-03	1.91E-04	1.97E+00	1.07E-07	3.50E-08	3.99E+00	9.74E-02	2.98E-04	1.16E-02	2.92E-02	1.01E-01	4.29E+00	5.26E-01	1.62E-07	3.61E-08	5.10E-04	9.58E-05	1.05E+00	9.55E-02	4.40E+00	3.69E-05	4.40E+00	4.68E+00	9.65E-01	0.00E+00	0.00E+00	3.90E-10	1.04E+00
WH27585405C	1.96E-03	2.12E-01	2.02E-03	1.92E-01	4.26E-06	0.00E+00	2.49E+02	2.91E-05	1.31E-04	1.38E-03	1.89E-04	1.52E+00	1.02E-07	3.37E-08	3.46E+00	6.56E-02	2.98E-04	8.97E-03	2.35E-02	9.72E-02	4.26E+00	5.28E-01	1.53E-07	3.50E-08	5.11E-04	9.50E-05	1.02E+00	9.99E-02	4.35E+00	2.46E-05	4.35E+00	4.61E+00	7.45E-01	0.00E+00	0.00E+00	3.90E-10	8.83E-01
WH27588306C	4.11E-03	5.31E-01	4.51E-03	5.26E-01	5.91E-06	0.00E+00	2.55E+02	1.15E-05	4.26E-04	4.62E-03	6.60E-04	1.50E+00	7.22E-09	1.97E-08	2.23E+00	4.10E-02	8.94E-04	5.28E-03	1.29E-02	2.52E-01	1.19E+01	1.77E+00	1.56E-07	4.20E-08	1.75E-03	1.34E-04	1.38E+00	2.56E-01	1.36E+01	1.96E-05	1.36E+01	1.53E+01	1.63E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-01
WH27592200C	6.43E-03	7.34E-01	8.37E-03	7.29E-01	1.96E-06	0.00E+00	3.15E+02	4.24E-05	6.53E-04	6.68E-03	8.64E-04	2.83E+00	1.30E-07	4.36E-08	4.64E+00	8.40E-02	1.18E-03	1.31E-02	3.40E-02	3.39E-01	1.56E+01	1.74E+00	1.68E-07	5.23E-08	2.58E-03	1.95E-04	1.38E+00	2.75E-01	1.86E+01	4.42E-05	1.86E+01	1.95E+01	1.93E+00	0.00E+00	0.00E+00	3.90E-10	1.40E+00
WH27592203C	1.91E-03	2.17E-01	2.28E-03	1.98E-01	3.88E-06	0.00E+00	2.55E+02	3.32E-05	1.34E-04	1.49E-03	1.88E-04	1.60E+00	1.04E-07	3.28E-08	3.34E+00	6.41E-02	2.98E-04	9.75E-03	2.69E-02	9.83E-02	4.26E+00	5.27E-01	1.55E-07	3.77E-08	5.10E-04	9.59E-05	9.08E-01	9.55E-02	4.36E+00	2.53E-05	4.36E+00	4.64E+00	7.78E-01	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH27592204C	1.91E-03	2.17E-01	2.25E-03	1.98E-01	3.88E-06	0.00E+00	2.55E+02	3.32E-05	1.34E-04	1.49E-03	1.88E-04	1.60E+00	1.04E-07	3.28E-08	3.34E+00	6.41E-02	2.98E-04	9.75E-03	2.69E-02	9.83E-02	4.26E+00	5.27E-01	1.55E-07	3.77E-08	5.10E-04	9.59E-05	9.13E-01	9.55E-02	4.36E+00	2.53E-05	4.36E+00	4.65E+00	7.83E-01	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH27592205C	1.91E-03	2.17E-01	2.28E-03	1.98E-01	3.88E-06	0.00E+00	2.55E+02	3.32E-05	1.34E-04	1.49E-03	1.88E-04	1.60E+00	1.04E-07	3.28E-08	3.34E+00	6.41E-02	2.98E-04	9.75E-03	2.69E-02	9.83E-02	4.26E+00	5.27E-01	1.55E-07	3.77E-08	5.10E-04	9.59E-05	9.08E-01	9.55E-02	4.36E+00	2.53E-05	4.36E+00	4.64E+00	7.78E-01	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH27592209C	1.91E-03	2.17E-01	2.28E-03	1.98E-01	3.88E-06	0.00E+00	2.55E+02	3.32E-05	1.34E-04	1.49E-03	1.88E-04	1.60E+00	1.04E-07	3.28E-08	3.34E+00	6.41E-02	2.98E-04	9.75E-03	2.69E-02	9.83E-02	4.26E+00	5.27E-01	1.55E-07	3.77E-08	5.10E-04	9.59E-05	9.08E-01	9.55E-02	4.36E+00	2.53E-05	4.36E+00	4.64E+00	7.78E-01	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH27593200C	1.43E-02	1.68E+00	-4.17E-02	1.87E+00	6.40E-06	0.00E+00	6.71E+02	5.62E-05	1.67E-03	1.69E-02	3.33E-03	3.41E+00	1.08E-07	9.10E-08	8.09E+00	1.44E-01	4.64E-03	1.44E-02	2.29E-02	4.75E-01	3.07E+01	7.04E+00	1.81E-07	1.02E-07	5.47E-03	2.45E-04	1.98E+00	1.81E+00	3.86E+01	6.69E-05	3.87E+01	4.17E+01	3.71E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH27593203C	1.43E-02	1.68E+00	-4.17E-02	1.87E+00	6.40E-06	0.00E+00	6.71E+02	5.62E-05	1.67E-03	1.69E-02	3.33E-03	3.41E+00	1.08E-07	9.10E-08	8.09E+00	1.44E-01	4.64E-03	1.44E-02	2.29E-02	4.75E-01	3.07E+01	7.04E+00	1.81E-07	1.02E-07	5.47E-03	2.45E-04	1.98E+00	1.81E+00	3.86E+01	6.69E-05	3.87E+01	4.17E+01	3.71E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH27593204C	1.43E-02	1.68E+00	-4.14E-02	1.87E+00	6.40E-06	0.00E+00	6.71E+02	5.62E-05	1.67E-03	1.69E-02	3.33E-03	3.41E+00	1.08E-07	9.10E-08	8.09E+00	1.44E-01	4.64E-03	1.44E-02	2.29E-02	4.75E-01	3.07E+01	7.04E+00	1.80E-07	1.02E-07	5.47E-03	2.45E-04	1.98E+00	1.81E+00	3.86E+01	6.69E-05	3.87E+01	4.17E+01	3.71E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH27593205C	1.43E-02	1.68E+00	-4.17E-02	1.87E+00	6.40E-06	0.00E+00	6.71E+02	5.62E-05	1.67E-03	1.69E-02	3.33E-03	3.41E+00	1.08E-07	9.10E-08	8.09E+00	1.44E-01	4.64E-03	1.44E-02	2.29E-02	4.75E-01	3.07E+01	7.04E+00	1.81E-07	1.02E-07	5.47E-03	2.45E-04	1.98E+00	1.81E+00	3.86E+01	6.69E-05	3.87E+01	4.17E+01	3.71E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH27593206C	6.25E-03	6.75E-01	6.55E-03	6.68E-01	5.88E-06	0.00E+00	5.04E+02	2.91E-05	5.46E-04	5.99E-03	8.02E-04	2.54E+00	9.86E-09	4.37E-08	4.94E+00	8.39E-02	1.09E-03	7.35E-03	1.64E-02	2.86E-01	1.50E+01	2.14E+00	1.68E-07	5.39E-08	2.22E-03	1.40E-04	1.86E+00	2.80E-01	1.72E+01	3.08E-05	1.72E+01	1.93E+01	2.14E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-01
WH27595200C	5.57E-03	6.63E-01	8.28E-03	6.83E-01	2.05E-06	0.00E+00	2.97E+02	3.79E-05	5.83E-04	6.21E-03	8.70E-04	2.37E+00	1.25E-07	3.43E-08	4.10E+00	7.94E-02	1.18E-03	1.28E-02	3.37E-02	2.95E-01	1.44E+01	1.74E+00	1.67E-07	5.41E-08	2.25E-03	1.50E-04	1.33E+00	2.70E-01	1.69E+01	4.13E-05	1.69E+01	1.87E+01	1.87E+00	0.00E+00	0.00E+00	3.90E-10	1.42E+00
WH27595203C	1.96E-03	2.12E-01	2.25E-03	1.92E-01	3.88E-06	0.00E+00	2.49E+02	2.94E-05	1.31E-04	1.38E-03	1.89E-04	1.61E+00	1.03E-07	3.37E-08	3.45E+00	6.57E-02	2.98E-04	8.77E-03	2.64E-02	9.70E-02	4.25E+00	5.28E-01	1.55E-07	3.79E-08	5.11E-04	9.59E-05	8.91E-01	1.01E-01	4.36E+00	2.54E-05	4.36E+00	4.61E+00	6.78E-01	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH27595204C	1.96E-03	2.12E-01	2.25E-03	1.92E-01	3.88E-06	0.00E+00	2.49E+02	2.94E-05	1.31E-04	1.38E-03	1.89E-04	1.61E+00	1.03E-07	3.37E-08	3.45E+00	6.57E-02	2.98E-04	8.77E-03	2.64E-02	9.70E-02	4.25E+00	5.28E-01	1.55E-07	3.79E-08	5.11E-04	9.59E-05	8.91E-01	1.01E-01	4.36E+00	2.54E-05	4.36E+00	4.61E+00	6.78E-01	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH27595205C	1.96E-03	2.12E-01	2.25E-03	1.92E-01	3.88E-06	0.00E+00	2.49E+02	2.94E-05	1.31E-04	1.38E-03	1.89E-04	1.61E+00	1.03E-07	3.37E-08	3.45E+00	6.57E-02	2.98E-04	8.77E-03	2.64E-02	9.70E-02	4.25E+00	5.28E-01	1.55E-07	3.79E-08	5.11E-04	9.59E-05	8.91E-01	1.01E-01	4.36E+00	2.54E-05	4.36E+00	4.61E+00	6.78E-01	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH27595207C	1.96E-03	2.12E-01	2.25E-03	1.92E-01	3.88E-06	0.00E+00	2.49E+02	2.94E-05	1.31E-04	1.38E-03	1.89E-04	1.61E+00	1.03E-07	3.37E-08	3.45E+00	6.57E-02	2.98E-04	8.77E-03	2.64E-02	9.70E-02	4.25E+00	5.28E-01	1.55E-07	3.79E-08	5.11E-04	9.59E-05	8.91E-01	1.01E-01	4.36E+00	2.54E-05	4.36E+00	4.61E+00	6.78E-01	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH27596203C	1.14E-02	1.50E+00	-4.27E-02	1.65E+00	6.36E-06	0.00E+00	4.81E+02	4.61E-05	1.30E-03	1.44E-02	3.20E-03	3.31E+00	1.23E-07	8.12E-08	8.15E+00	1.18E-01	4.64E-03	1.35E-02	2.29E-02	4.46E-01	2.69E+01	7.17E+00	1.81E-07	8.94E-08	4.98E-03	2.06E-04	1.98E+00	1.79E+00	3.48E+01	5.45E-05	3.50E+01	3.84E+01	3.67E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH27596204C	1.14E-02	1.50E+00	-4.27E-02	1.65E+00	6.36E-06	0.00E+00	4.81E+02	4.61E-05	1.30E-03	1.44E-02	3.20E-03	3.31E+00	1.23E-07	8.12E-08	8.15E+00	1.18E-01	4.64E-03	1.35E-02	2.29E-02	4.46E-01	2.69E+01	7.17E+00	1.81E-07	8.94E-08	4.98E-03	2.06E-04	1.98E+00	1.79E+00	3.48E+01	5.45E-05	3.50E+01	3.84E+01	3.67E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH27596205C	1.14E-02	1.50E+00	-4.27E-02	1.65E+00	6.36E-06	0.00E+00	4.81E+02	4.61E-05	1.30E-03	1.44E-02	3.20E-03	3.31E+00	1.23E-07	8.12E-08	8.15E+00	1.18E-01	4.64E-03	1.35E-02	2.29E-02	4.46E-01	2.69E+01	7.17E+00	1.81E-07	8.94E-08	4.98E-03	2.06E-04	1.98E+00	1.79E+00	3.48E+01	5.45E-05	3.50E+01	3.84E+01	3.67E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH27596206C	6.25E-03	6.75E-01	6.55E-03	6.68E-01	5.88E-06	0.00E+00	5.04E+02	2.91E-05	5.46E-04	5.99E-03	8.02E-04	2.54E+00	9.86E-09	4.37E-08	4.94E+00	8.39E-02	1.09E-03	7.35E-03	1.64E-02	2.86E-01	1.50E+01	2.14E+00	1.68E-07	5.39E-08	2.22E-03	1.40E-04	1.86E+00	2.80E-01	1.72E+01	3.08E-05	1.72E+01	1.93E+01	2.14E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-01
WH27620300C	6.28E-03	6.32E-01	-2.15E-02	6.54E-01	3.61E-06	0.00E+00	4.02E+02	2.48E-05	5.54E-04	5.88E-03	9.62E-04	2.55E+00	1.25E-08	4.27E-08	4.86E+00	6.92E-02	1.30E-03	6.91E-03	1.73E-02	3.00E-01	1.32E+01	1.95E+00	1.73E-07	5.22E-08	2.26E-03	1.56E-04	1.16E+00	6.52E-01	1.51E+01	3.04E-05	1.51E+01	1.69E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-01
WH27620303C	2.72E-03	1.90E-01	3.37E-03	1.89E-01	5.43E-06	0.00E+00	4.33E+02	1.94E-05	1.20E-04	1.44E-03	1.95E-04	2.23E+00	7.77E-09	3.65E-08	4.83E+00	4.68E-02	2.89E-04	4.51E-03	1.33E-02	1.02E-01	4.31E+00	6.31E-01	1.26E-07	4.32E-08	4.36E-04	9.78E-05	9.06E-01	1.28E-01	4.27E+00	2.82E-05	4.27E+00	4.51E+00	7.12E-01	0.00E+00	0.00E+00	3.90E-10	4.78E-01
WH27620304C	2.72E-03	1.90E-01	3.37E-03	1.89E-01	5.43E-06	0.00E+00	4.33E+02	1.94E-05	1.20E-04	1.44E-03	1.95E-04	2.23E+00	7.77E-09	3.65E-08	4.83E+00	4.68E-02	2.89E-04	4.51E-03	1.33E-02	1.02E-01	4.31E+00	6.31E-01	1.26E-07	4.32E-08	4.36E-04	9.78E-05	9.06E-01	1.28E-01	4.27E+00	2.82E-05	4.27E+00	4.51E+00	7.12E-01	0.00E+00	0.00E+00	3.90E-10	4.78E-01
WH27620305C	2.72E-03	1.90E-01	3.37E-03	1.89E-01	5.43E-06	0.00E+00	4.33E+02	1.94E-05	1.20E-04	1.44E-03	1.95E-04	2.23E+00	7.77E-09	3.65E-08	4.83E+00	4.68E-02	2.89E-04	4.51E-03	1.33E-02	1.02E-01	4.31E+00	6.31E-01	1.26E-07	4.32E-08	4.36E-04	9.78E-05	9.06E-01	1.28E-01	4.27E+00	2.82E-05	4.27E+00	4.51E+00	7.12E-01	0.00E+00	0.00E+00	3.90E-10	4.78E-01
WH27620306C	5.78E-03	5.65E-01	6.64E-03	5.58E-01	3.61E-06	0.00E+00	4.01E+02	2.43E-05	4.76E-04	5.15E-03	7.23E-04	1.97E+00	9.02E-09	4.14E-08	4.76E+00	6.87E-02	9.79E-04	3.97E-03	1.63E-02	2.58E-01	1.17E+01	2.00E+00	1.54E-07	3.73E-08	1.99E-03	1.35E-04	1.35E+00	2.79E-01	1.37E+01	2.25E-05	1.37E+01	1.53E+01	1.63E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-01
WH27620307C	2.72E-03	1.90E-01	3.37E-03	1.89E-01	5.43E-06	0.00E+00	4.33E+02	1.94E-05	1.20E-04	1.44E-03	1.95E-04	2.23E+00	7.77E-09	3.65E-08	4.83E+00	4.68E-02	2.89E-04	4.51E-03	1.33E-02	1.02E-01	4.31E+00	6.31E-01	1.26E-07	4.32E-08	4.36E-04	9.78E-05	9.06E-01	1.28E-01	4.27E+00	2.82E-05	4.27E+00	4.51E+00	7.12E-01	0.00E+00	0.00E+00	3.90E-10	4.78E-01
WH27620309C	2.72E-03	1.90E-01	3.37E-03	1.89E-01	5.43E-06	0.00E+00	4.33E+02	1.94E-05	1.20E-04	1.44E-03	1.95E-04	2.23E+00	7.77E-09	3.65E-08	4.83E+00	4.68E-02	2.89E-04	4.51E-03	1.33E-02	1.02E-01	4.31E+00	6.31E-01	1.26E-07	4.32E-08	4.36E-04	9.78E-05	9.06E-01	1.28E-01	4.27E+00	2.82E-05	4.27E+00	4.51E+00	7.12E-01	0.00E+00	0.00E+00	3.90E-10	4.78E-01
WH27620700C	6.66E-03	6.58E-01	-2.10E-02	6.79E-01	4.77E-06	0.00E+00	4.16E+02	2.75E-05	5.73E-04	6.11E-03	9.74E-04	2.74E+00	1.28E-08	4.66E-08	5.33E+00	7.98E-02	1.32E-03	7.38E-03	1.80E-02	3.11E-01	1.39E+01	2.00E+00	1.75E-07	5.49E-08	2.34E-03	1.59E-04	1.24E+00	6.53E-01	1.59E+01	3.28E-05	1.59E+01	1.78E+01	1.89E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-01
WH27620703C	2.74E-03	1.90E-01	3.37E-03	1.89E-01	5.56E-06	0.00E+00	4.40E+02	2.02E-05	1.20E-04	1.44E-03	1.95E-04	2.28E+00	7.78E-09	3.75E-08	5.02E+00	5.02E-02	2.89E-04	4.55E-03	1.34E-02	1.02E-01	4.32E+00	6.31E-01	1.26E-07	4.33E-08	4.36E-04	9.78E-05	9.30E-01	1.28E-01	4.27E+00	2.92E-05	4.27E+00	4.51E+00	7.44E-01	0.00E+00	0.00E+00	3.90E-10	4.75E-01
WH27620704C	2.74E-03	1.90E-01	3.37E-03	1.89E-01	5.56E-06	0.00E+00	4.40E+02	2.02E-05	1.20E-04	1.44E-03	1.95E-04	2.28E+00	7.78E-09	3.75E-08	5.02E+00	5.02E-02	2.89E-04	4.55E-03	1.34E-02	1.02E-01	4.32E+00	6.31E-01	1.26E-07	4.33E-08	4.36E-04	9.78E-05	9.30E-01	1.28E-01	4.27E+00	2.92E-05	4.27E+00	4.51E+00	7.44E-01	0.00E+00	0.00E+00	3.90E-10	4.75E-01
WH27620705C	2.74E-03	1.90E-01	3.37E-03	1.89E-01	5.56E-06	0.00E+00	4.40E+02	2.02E-05	1.20E-04	1.44E-03	1.95E-04	2.28E+00	7.78E-09	3.75E-08	5.02E+00	5.02E-02	2.89E-04	4.55E-03	1.34E-02	1.02E-01	4.32E+00	6.31E-01	1.26E-07	4.33E-08	4.36E-04	9.78E-05	9.30E-01	1.28E-01	4.27E+00	2.92E-05	4.27E+00	4.51E+00	7.44E-01	0.00E+00	0.00E+00	3.90E-10	4.75E-01
WH27623300C	6.58E-03	7.06E-01	7.61E-03	6.95E-01	5.33E-06	0.00E+00	5.06E+02	3.15E-05	5.49E-04	6.07E-03	7.84E-04	2.51E+00	1.20E-08	4.89E-08	4.95E+00	8.00E-02	1.08E-03	7.74E-03	1.73E-02	3.37E-01	1.62E+01	2.06E+00	1.72E-07	5.36E-08	2.29E-03	1.91E-04	1.54E+00	2.83E-01	1.89E+01	3.11E-05	1.90E+01	2.02E+01	2.05E+00	0.00E+00	0.00E+00	3.90E-10	7.67E-01
WH27623303C	6.36E-03	6.75E-01	7.62E-03	6.70E-01	6.29E-06	0.00E+00	4.34E+02	2.63E-05	5.42E-04	5.98E-03	7.87E-04	2.53E+00	9.48E-09	4.28E-08	4.89E+00	7.90E-02	1.10E-03	6.66E-03	1.71E-02	2.94E-01	1.35E+01	2.06E+00	1.72E-07	5.38E-08	2.24E-03	1.45E-04	1.50E+00	2.84E-01	1.56E+01	3.10E-05	1.56E+01	1.75E+01	1.88E+00	0.00E+00	0.00E+00	3.90E-10	7.38E-01
WH27623305C	6.36E-03	6.75E-01	7.62E-03	6.70E-01	6.29E-06	0.00E+00	4.34E+02	2.63E-05	5.42E-04	5.98E-03	7.87E-04	2.53E+00	9.48E-09	4.28E-08	4.89E+00	7.90E-02	1.10E-03	6.66E-03	1.71E-02	2.94E-01	1.35E+01	2.06E+00	1.72E-07	5.38E-08	2.24E-03	1.45E-04	1.50E+00	2.84E-01	1.56E+01	3.10E-05	1.56E+01	1.75E+01	1.88E+00	0.00E+00	0.00E+00	3.90E-10	7.38E-01
WH27623306C	6.35E-03	6.65E-01	7.13E-03	6.58E-01	7.99E-06	0.00E+00	4.01E+02	2.47E-05	5.38E-04	5.90E-03	8.16E-04	2.55E+00	9.10E-09	4.28E-08	4.84E+00	8.20E-02	1.11E-03	6.74E-03	1.71E-02	3.00E-01	1.41E+01	2.13E+00	1.74E-07	5.34E-08	2.24E-03	1.55E-04	1.57E+00	2.88E-01	1.62E+01	3.10E-05	1.62E+01	1.81E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-01
WH27625300C	6.28E-03	6.34E-01	-2.03E-02	6.55E-01	3.61E-06	0.00E+00	4.02E+02	2.48E-05	5.54E-04	5.89E-03	9.44E-04	2.55E+00	1.25E-08	4.27E-08	4.86E+00	6.93E-02	1.28E-03	6.89E-03	1.73E-02	3.02E-01	1.32E+01	1.95E+00	1.73E-07	5.23E-08	2.26E-03	1.56E-04	1.17E+00	6.50E-01	1.52E+01	3.04E-05	1.52E+01	1.70E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-01
WH27625303C	2.78E-03	1.88E-01	3.39E-03	1.85E-01	5.43E-06	0.00E+00	4.33E+02	1.92E-05	1.18E-04	1.35E-03	1.96E-04	2.24E+00	7.77E-09	3.66E-08	4.83E+00	4.66E-02	2.89E-04	4.50E-03	1.33E-02	1.01E-01	4.30E+00	6.32E-01	1.26E-07	4.35E-08	4.37E-04	9.78E-05	8.77E-01	1.34E-01	4.27E+00	2.84E-05	4.27E+00	4.47E+00	6.20E-01	0.00E+00	0.00E+00	3.90E-10	4.81E-01
WH27625304C	2.78E-03	1.88E-01	3.39E-03	1.85E-01	5.43E-06	0.00E+00	4.33E+02	1.92E-05	1.18E-04	1.35E-03	1.96E-04	2.24E+00	7.77E-09	3.66E-08	4.83E+00	4.66E-02	2.89E-04	4.50E-03	1.33E-02	1.01E-01	4.30E+00	6.32E-01	1.26E-07	4.35E-08	4.37E-04	9.78E-05	8.77E-01	1.34E-01	4.27E+00	2.84E-05	4.27E+00	4.47E+00	6.20E-01	0.00E+00	0.00E+00	3.90E-10	4.81E-01
WH27625305C	2.78E-03	1.88E-01	3.39E-03	1.85E-01	5.43E-06	0.00E+00	4.33E+02	1.92E-05	1.18E-04	1.35E-03	1.96E-04	2.24E+00	7.77E-09	3.66E-08	4.83E+00	4.66E-02	2.89E-04	4.50E-03	1.33E-02	1.01E-01	4.30E+00	6.32E-01	1.26E-07	4.35E-08	4.37E-04	9.78E-05	8.77E-01	1.34E-01	4.27E+00	2.84E-05	4.27E+00	4.47E+00	6.20E-01	0.00E+00	0.00E+00	3.90E-10	4.81E-01
WH27625306C	6.12E-03	6.32E-01	7.92E-03	6.24E-01	3.61E-06	0.00E+00	4.01E+02	2.45E-05	5.14E-04	5.57E-03	7.80E-04	2.55E+00	9.07E-09	4.26E-08	4.76E+00	6.93E-02	1.06E-03	6.70E-03	1.70E-02	2.87E-01	1.31E+01	2.01E+00	1.72E-07	5.16E-08	2.15E-03	1.49E-04	1.37E+00	2.85E-01	1.51E+01	3.04E-05	1.51E+01	1.67E+01	1.66E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-01
WH27625307C	2.78E-03	1.88E-01	3.39E-03	1.85E-01	5.43E-06	0.00E+00	4.33E+02	1.92E-05	1.18E-04	1.35E-03	1.96E-04	2.24E+00	7.77E-09	3.66E-08	4.83E+00	4.66E-02	2.89E-04	4.50E-03	1.33E-02	1.01E-01	4.30E+00	6.32E-01	1.26E-07	4.35E-08	4.37E-04	9.78E-05	8.77E-01	1.34E-01	4.27E+00	2.84E-05	4.27E+00	4.47E+00	6.20E-01	0.00E+00	0.00E+00	3.90E-10	4.81E-01
WH27625309C	2.78E-03	1.88E-01	3.39E-03	1.85E-01	5.43E-06	0.00E+00	4.33E+02	1.92E-05	1.18E-04	1.35E-03	1.96E-04	2.24E+00	7.77E-09	3.66E-08	4.83E+00	4.66E-02	2.89E-04	4.50E-03	1.33E-02	1.01E-01	4.30E+00	6.32E-01	1.26E-07	4.35E-08	4.37E-04	9.78E-05	8.77E-01	1.34E-01	4.27E+00	2.84E-05	4.27E+00	4.47E+00	6.20E-01	0.00E+00	0.00E+00	3.90E-10	4.81E-01
WH27625700C	6.00E-03	6.57E-01	7.40E-03	6.54E-01	4.30E-06	0.00E+00	4.36E+02	2.85E-05	5.27E-04	5.88E-03	7.95E-04	2.46E+00	9.75E-09	4.48E-08	5.18E+00	7.83E-02	1.08E-03	7.06E-03	1.70E-02	2.80E-01	1.34E+01	2.03E+00	1.70E-07	5.37E-08	2.13E-03	1.41E-04	1.32E+00	2.80E-01	1.51E+01	3.48E-05	1.52E+01	1.74E+01	2.05E+00	0.00E+00	0.00E+00	3.90E-10	7.30E-01
WH27625704C	6.00E-03	6.57E-01	7.47E-03	6.55E-01	4.29E-06	0.00E+00	4.41E+02	2.77E-05	5.27E-04	5.87E-03	7.95E-04	2.47E+00	9.48E-09	4.45E-08	5.18E+00	7.99E-02	1.08E-03	6.83E-03	1.72E-02	2.82E-01	1.28E+01	2.05E+00	1.70E-07	5.33E-08	2.14E-03	1.41E-04	1.30E+00	2.81E-01	1.47E+01	3.23E-05	1.47E+01	1.68E+01	1.80E+00	0.00E+00	0.00E+00	3.90E-10	7.30E-01
WH27625705C	6.00E-03	6.57E-01	7.47E-03	6.55E-01	4.29E-06	0.00E+00	4.41E+02	2.77E-05	5.27E-04	5.87E-03	7.95E-04	2.47E+00	9.48E-09	4.45E-08	5.18E+00	7.99E-02	1.08E-03	6.83E-03	1.72E-02	2.82E-01	1.28E+01	2.05E+00	1.70E-07	5.33E-08	2.14E-03	1.41E-04	1.30E+00	2.81E-01	1.47E+01	3.23E-05	1.47E+01	1.68E+01	1.80E+00	0.00E+00	0.00E+00	3.90E-10	7.30E-01
WH27628306C	6.35E-03	6.67E-01	8.39E-03	6.59E-01	7.99E-06	0.00E+00	4.01E+02	2.47E-05	5.39E-04	5.91E-03	7.99E-04	2.55E+00	9.09E-09	4.28E-08	4.84E+00	8.20E-02	1.08E-03	6.72E-03	1.72E-02	3.02E-01	1.41E+01	2.13E+00	1.74E-07	5.34E-08	2.24E-03	1.55E-04	1.58E+00	2.87E-01	1.63E+01	3.10E-05	1.63E+01	1.81E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-01
WH27640300C	7.56E-03	7.35E-01	-2.03E-02	7.55E-01	3.61E-06	0.00E+00	6.40E+02	3.29E-05	6.18E-04	6.46E-03	1.05E-03	3.33E+00	1.44E-08	5.85E-08	6.16E+00	8.67E-02	1.42E-03	8.17E-03	1.96E-02	3.15E-01	1.23E+01	2.26E+00	1.82E-07	5.88E-08	2.53E-03	1.66E-04	2.26E-01	6.61E-01	1.45E+01	3.92E-05	1.45E+01	1.54E+01	8.87E-01	0.00E+00	0.00E+00	0.00E+00	8.41E-01

WH27640303C	2.87E-03	1.90E-01	3.59E-03	1.89E-01	5.38E-06	0.00E+00	6.34E+02	2.58E-05	1.20E-04	1.44E-03	1.95E-04	3.31E+00	8.02E-09	5.66E-08	6.03E+00	7.17E-02	2.89E-04	6.05E-03	1.38E-02	1.01E-01	4.31E+00	6.31E-01	1.26E-07	5.00E-08	4.36E-04	9.79E-05	6.28E-01	1.24E-01	4.26E+00	3.92E-05	4.26E+00	4.51E+00	6.95E-01	0.00E+00	0.00E+00	3.90E-10	4.89E-01
WH27640304C	2.87E-03	1.90E-01	3.59E-03	1.89E-01	5.38E-06	0.00E+00	6.34E+02	2.58E-05	1.20E-04	1.44E-03	1.95E-04	3.31E+00	8.02E-09	5.66E-08	6.03E+00	7.17E-02	2.89E-04	6.05E-03	1.38E-02	1.01E-01	4.31E+00	6.31E-01	1.26E-07	5.00E-08	4.36E-04	9.79E-05	6.28E-01	1.24E-01	4.26E+00	3.92E-05	4.26E+00	4.51E+00	6.95E-01	0.00E+00	0.00E+00	3.90E-10	4.89E-01
WH27640305C	7.52E-03	7.29E-01	-2.03E-02	7.49E-01	3.61E-06	0.00E+00	6.40E+02	3.29E-05	6.17E-04	6.45E-03	1.05E-03	3.33E+00	1.44E-08	5.84E-08	6.15E+00	8.67E-02	1.42E-03	8.17E-03	1.93E-02	3.13E-01	1.21E+01	2.32E+00	1.81E-07	5.86E-08	2.50E-03	1.65E-04	2.13E-01	6.61E-01	1.44E+01	3.92E-05	1.44E+01	1.53E+01	8.74E-01	0.00E+00	0.00E+00	0.00E+00	8.31E-01
WH27640306C	6.98E-03	6.68E-01	4.42E-03	6.64E-01	3.61E-06	0.00E+00	6.38E+02	3.26E-05	5.24E-04	5.60E-03	8.31E-04	3.33E+00	1.09E-08	5.81E-08	6.05E+00	8.68E-02	1.13E-03	7.92E-03	1.70E-02	2.61E-01	1.11E+01	2.00E+00	1.50E-07	5.58E-08	2.17E-03	1.35E-04	4.11E-01	2.43E-01	1.31E+01	3.92E-05	1.31E+01	1.37E+01	6.54E-01	0.00E+00	0.00E+00	0.00E+00	7.31E-01
WH27640307C	2.87E-03	1.90E-01	3.59E-03	1.89E-01	5.38E-06	0.00E+00	6.34E+02	2.58E-05	1.20E-04	1.44E-03	1.95E-04	3.31E+00	8.02E-09	5.66E-08	6.03E+00	7.17E-02	2.89E-04	6.05E-03	1.38E-02	1.01E-01	4.31E+00	6.31E-01	1.26E-07	5.00E-08	4.36E-04	9.79E-05	6.28E-01	1.24E-01	4.26E+00	3.92E-05	4.26E+00	4.51E+00	6.95E-01	0.00E+00	0.00E+00	3.90E-10	4.89E-01
WH27640309C	2.87E-03	1.90E-01	3.59E-03	1.89E-01	5.38E-06	0.00E+00	6.34E+02	2.58E-05	1.20E-04	1.44E-03	1.95E-04	3.31E+00	8.02E-09	5.66E-08	6.03E+00	7.17E-02	2.89E-04	6.05E-03	1.38E-02	1.01E-01	4.31E+00	6.31E-01	1.26E-07	5.00E-08	4.36E-04	9.79E-05	6.28E-01	1.24E-01	4.26E+00	3.92E-05	4.26E+00	4.51E+00	6.95E-01	0.00E+00	0.00E+00	3.90E-10	4.89E-01
WH27640700C	7.74E-03	6.94E-01	-1.98E-02	7.14E-01	4.77E-06	0.00E+00	4.88E+02	3.34E-05	5.96E-04	6.25E-03	1.06E-03	3.52E+00	1.37E-08	6.09E-08	6.60E+00	9.73E-02	1.44E-03	8.64E-03	2.01E-02	3.15E-01	1.21E+01	2.09E+00	1.81E-07	6.01E-08	2.49E-03	1.68E-04	2.83E-01	6.62E-01	1.42E+01	4.14E-05	1.42E+01	1.52E+01	9.45E-01	0.00E+00	0.00E+00	0.00E+00	8.65E-01
WH27640703C	2.88E-03	1.90E-01	3.61E-03	1.89E-01	5.69E-06	0.00E+00	4.74E+02	2.62E-05	1.20E-04	1.44E-03	1.95E-04	3.49E+00	8.02E-09	5.85E-08	6.58E+00	7.65E-02	2.89E-04	6.25E-03	1.38E-02	1.01E-01	4.31E+00	6.30E-01	1.26E-07	5.01E-08	4.36E-04	9.79E-05	6.90E-01	1.24E-01	4.26E+00	4.12E-05	4.26E+00	4.51E+00	6.96E-01	0.00E+00	0.00E+00	3.90E-10	4.89E-01
WH27640704C	2.88E-03	1.90E-01	3.61E-03	1.89E-01	5.69E-06	0.00E+00	4.74E+02	2.62E-05	1.20E-04	1.44E-03	1.95E-04	3.49E+00	8.02E-09	5.85E-08	6.58E+00	7.65E-02	2.89E-04	6.25E-03	1.38E-02	1.01E-01	4.31E+00	6.30E-01	1.26E-07	5.01E-08	4.36E-04	9.79E-05	6.90E-01	1.24E-01	4.26E+00	4.12E-05	4.26E+00	4.51E+00	6.96E-01	0.00E+00	0.00E+00	3.90E-10	4.89E-01
WH27640705C	7.56E-03	6.90E-01	8.42E-03	6.82E-01	4.77E-06	0.00E+00	4.87E+02	3.30E-05	5.53E-04	5.88E-03	8.96E-04	3.52E+00	1.03E-08	6.07E-08	6.46E+00	9.73E-02	1.21E-03	8.45E-03	1.98E-02	2.98E-01	1.17E+01	2.14E+00	1.79E-07	5.90E-08	2.37E-03	1.60E-04	3.48E-01	2.96E-01	1.38E+01	4.14E-05	1.38E+01	1.45E+01	6.44E-01	0.00E+00	0.00E+00	0.00E+00	8.49E-01
WH27640707C	2.88E-03	1.90E-01	3.61E-03	1.89E-01	5.69E-06	0.00E+00	4.74E+02	2.62E-05	1.20E-04	1.44E-03	1.95E-04	3.49E+00	8.02E-09	5.85E-08	6.58E+00	7.65E-02	2.89E-04	6.25E-03	1.38E-02	1.01E-01	4.31E+00	6.30E-01	1.26E-07	5.01E-08	4.36E-04	9.79E-05	6.90E-01	1.24E-01	4.26E+00	4.12E-05	4.26E+00	4.51E+00	6.96E-01	0.00E+00	0.00E+00	3.90E-10	4.89E-01
WH27640709C	2.88E-03	1.90E-01	3.61E-03	1.89E-01	5.69E-06	0.00E+00	4.74E+02	2.62E-05	1.20E-04	1.44E-03	1.95E-04	3.49E+00	8.02E-09	5.85E-08	6.58E+00	7.65E-02	2.89E-04	6.25E-03	1.38E-02	1.01E-01	4.31E+00	6.30E-01	1.26E-07	5.01E-08	4.36E-04	9.79E-05	6.90E-01	1.24E-01	4.26E+00	4.12E-05	4.26E+00	4.51E+00	6.96E-01	0.00E+00	0.00E+00	3.90E-10	4.89E-01
WH27643300C	8.09E-03	8.54E-01	8.25E-03	8.31E-01	3.87E-06	0.00E+00	6.79E+02	3.51E-05	6.71E-04	7.25E-03	8.99E-04	3.29E+00	1.29E-08	6.11E-08	6.16E+00	9.26E-02	1.22E-03	8.48E-03	1.93E-02	3.84E-01	1.64E+01	2.26E+00	1.81E-07	5.78E-08	2.79E-03	2.02E-04	8.05E-01	2.96E-01	1.91E+01	3.88E-05	1.92E+01	2.00E+01	1.47E+00	0.00E+00	0.00E+00	3.90E-10	8.37E-01
WH27643304C	7.57E-03	7.62E-01	8.19E-03	7.21E-01	4.08E-06	0.00E+00	6.17E+02	3.15E-05	5.97E-04	6.45E-03	9.04E-04	3.34E+00	1.09E-08	5.84E-08	6.15E+00	9.55E-02	1.22E-03	7.84E-03	1.91E-02	3.14E-01	1.34E+01	2.28E+00	1.81E-07	5.94E-08	2.48E-03	1.56E-04	7.79E-01	2.96E-01	1.55E+01	3.98E-05	1.55E+01	1.64E+01	1.25E+00	0.00E+00	0.00E+00	3.90E-10	8.10E-01
WH27643305C	7.57E-03	7.62E-01	8.19E-03	7.21E-01	4.08E-06	0.00E+00	6.17E+02	3.15E-05	5.97E-04	6.45E-03	9.04E-04	3.34E+00	1.09E-08	5.84E-08	6.15E+00	9.55E-02	1.22E-03	7.84E-03	1.91E-02	3.14E-01	1.34E+01	2.28E+00	1.81E-07	5.94E-08	2.48E-03	1.56E-04	7.79E-01	2.96E-01	1.55E+01	3.98E-05	1.55E+01	1.64E+01	1.25E+00	0.00E+00	0.00E+00	3.90E-10	8.10E-01
WH27643306C	7.63E-03	7.65E-01	8.41E-03	7.56E-01	7.99E-06	0.00E+00	6.16E+02	3.25E-05	6.00E-04	6.46E-03	9.03E-04	3.34E+00	1.08E-08	5.84E-08	6.13E+00	9.94E-02	1.22E-03	8.00E-03	1.91E-02	3.14E-01	1.32E+01	2.41E+00	1.82E-07	6.00E-08	2.50E-03	1.65E-04	6.24E-01	2.97E-01	1.56E+01	3.99E-05	1.56E+01	1.65E+01	9.21E-01	0.00E+00	0.00E+00	0.00E+00	8.19E-01
WH27645300C	7.44E-03	7.39E-01	7.44E-03	7.31E-01	3.61E-06	0.00E+00	6.40E+02	3.29E-05	5.82E-04	6.26E-03	8.81E-04	3.34E+00	1.10E-08	5.84E-08	6.22E+00	8.71E-02	1.19E-03	7.98E-03	1.94E-02	3.05E-01	1.34E+01	2.22E+00	1.78E-07	5.96E-08	2.44E-03	1.57E-04	9.46E-01	2.90E-01	1.56E+01	3.92E-05	1.56E+01	1.68E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-01
WH27645303C	7.52E-03	7.33E-01	7.52E-03	7.09E-01	3.61E-06	0.00E+00	6.34E+02	3.28E-05	5.82E-04	6.28E-03	8.85E-04	3.34E+00	1.09E-08	5.84E-08	6.23E+00	8.72E-02	1.20E-03	7.98E-03	1.85E-02	3.06E-01	1.35E+01	2.21E+00	1.77E-07	6.01E-08	2.42E-03	1.54E-04	1.04E+00	2.89E-01	1.56E+01	3.92E-05	1.56E+01	1.69E+01	1.31E+00	0.00E+00	0.00E+00	3.90E-10	8.09E-01
WH27645304C	7.52E-03	7.33E-01	7.52E-03	7.09E-01	3.61E-06	0.00E+00	6.34E+02	3.28E-05	5.82E-04	6.28E-03	8.85E-04	3.34E+00	1.09E-08	5.84E-08	6.23E+00	8.72E-02	1.20E-03	7.98E-03	1.85E-02	3.06E-01	1.35E+01	2.21E+00	1.77E-07	6.01E-08	2.42E-03	1.54E-04	1.04E+00	2.89E-01	1.56E+01	3.92E-05	1.56E+01	1.69E+01	1.31E+00	0.00E+00	0.00E+00	3.90E-10	8.09E-01
WH27645305C	7.40E-03	7.33E-01	7.44E-03	7.26E-01	3.61E-06	0.00E+00	6.39E+02	3.29E-05	5.81E-04	6.25E-03	8.81E-04	3.34E+00	1.10E-08	5.84E-08	6.22E+00	8.71E-02	1.19E-03	7.98E-03	1.91E-02	3.04E-01	1.32E+01	2.28E+00	1.77E-07	5.94E-08	2.42E-03	1.57E-04	9.46E-01	2.90E-01	1.55E+01	3.92E-05	1.55E+01	1.67E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-01
WH27645306C	7.42E-03	7.33E-01	7.88E-03	7.25E-01	3.61E-06	0.00E+00	6.16E+02	3.26E-05	5.82E-04	6.28E-03	8.76E-04	3.34E+00	1.08E-08	5.82E-08	6.26E+00	8.71E-02	1.19E-03	7.96E-03	1.88E-02	3.06E-01	1.35E+01	2.25E+00	1.78E-07	5.98E-08	2.42E-03	1.57E-04	1.07E+00	2.89E-01	1.58E+01	3.93E-05	1.58E+01	1.72E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-01
WH27645307C	7.52E-03	7.33E-01	7.52E-03	7.09E-01	3.61E-06	0.00E+00	6.34E+02	3.28E-05	5.82E-04	6.28E-03	8.85E-04	3.34E+00	1.09E-08	5.84E-08	6.23E+00	8.72E-02	1.20E-03	7.98E-03	1.85E-02	3.06E-01	1.35E+01	2.21E+00	1.77E-07	6.01E-08	2.42E-03	1.54E-04	1.04E+00	2.89E-01	1.56E+01	3.92E-05	1.56E+01	1.69E+01	1.31E+00	0.00E+00	0.00E+00	3.90E-10	8.09E-01
WH27645309C	7.52E-03	7.33E-01	7.52E-03	7.09E-01	3.61E-06	0.00E+00	6.34E+02	3.28E-05	5.82E-04	6.28E-03	8.85E-04	3.34E+00	1.09E-08	5.84E-08	6.23E+00	8.72E-02	1.20E-03	7.98E-03	1.85E-02	3.06E-01	1.35E+01	2.21E+00	1.77E-07	6.01E-08	2.42E-03	1.54E-04	1.04E+00	2.89E-01	1.56E+01	3.92E-05	1.56E+01	1.69E+01	1.31E+00	0.00E+00	0.00E+00	3.90E-10	8.09E-01
WH27645700C	7.53E-03	7.13E-01	8.19E-03	7.12E-01	4.63E-06	0.00E+00	4.78E+02	3.16E-05	5.85E-04	6.06E-03	9.00E-04	3.52E+00	1.08E-08	6.07E-08	6.54E+00	9.29E-02	1.22E-03	8.08E-03	1.91E-02	3.07E-01	1.41E+01	2.05E+00	1.79E-07	6.09E-08	2.39E-03	1.55E-04	1.13E+00	2.93E-01	1.60E+01	4.15E-05	1.60E+01	1.75E+01	1.78E+00	0.00E+00	0.00E+00	3.90E-10	8.23E-01
WH27645705C	7.56E-03	7.12E-01	8.15E-03	7.13E-01	4.70E-06	0.00E+00	4.80E+02	3.30E-05	5.85E-04	6.08E-03	9.00E-04	3.52E+00	1.04E-08	6.07E-08	6.54E+00	9.71E-02	1.22E-03	8.39E-03	1.91E-02	3.03E-01	1.35E+01	2.08E+00	1.79E-07	6.03E-08	2.41E-03	1.55E-04	1.12E+00	2.94E-01	1.54E+01	4.14E-05	1.54E+01	1.66E+01	1.55E+00	0.00E+00	0.00E+00	3.90E-10	8.24E-01
WH27648300C	7.56E-03	7.64E-01	8.25E-03	7.20E-01	3.99E-06	0.00E+00	6.18E+02	3.16E-05	6.00E-04	6.48E-03	9.04E-04	3.34E+00	1.13E-08	5.82E-08	6.31E+00	9.15E-02	1.22E-03	7.81E-03	1.90E-02	3.19E-01	1.41E+01	2.27E+00	1.80E-07	6.14E-08	2.47E-03	1.55E-04	1.06E+00	2.94E-01	1.67E+01	3.99E-05	1.67E+01	1.82E+01	1.63E+00	0.00E+00	0.00E+00	3.90E-10	8.14E-01
WH27648304C	7.58E-03	7.65E-01	8.21E-03	7.22E-01	4.04E-06	0.00E+00	6.18E+02	3.28E-05	6.01E-04	6.50E-03	9.04E-04	3.34E+00	1.09E-08	5.84E-08	6.30E+00	9.55E-02	1.22E-03	8.00E-03	1.90E-02	3.16E-01	1.35E+01	2.29E+00	1.81E-07	6.08E-08	2.49E-03	1.55E-04	1.05E+00	2.94E-01	1.63E+01	3.98E-05	1.63E+01	1.75E+01	1.35E+00	0.00E+00	0.00E+00	3.90E-10	8.15E-01
WH27648306C	7.65E-03	7.68E-01	8.35E-03	7.59E-01	7.99E-06	0.00E+00	6.16E+02	3.29E-05	6.07E-04	6.62E-03	8.94E-04	3.34E+00	1.08E-08	5.84E-08	6.34E+00	9.98E-02	1.21E-03	7.99E-03	1.90E-02	3.21E-01	1.46E+01	2.37E+00	1.80E-07	6.16E-08	2.51E-03	1.63E-04	1.28E+00	2.91E-01	1.70E+01	3.99E-05	1.70E+01	1.86E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-01
WH27750100C	2.10E-03	2.18E-01	2.12E-03	1.98E-01	1.13E-05	0.00E+00	2.42E+02	7.84E-05	1.41E-04	1.65E-03	1.96E-04	1.27E+00	8.03E-08	5.52E-08	4.69E+00	2.40E-01	2.98E-04	1.14E-02	1.06E-02	1.06E-01	4.26E+00	5.47E-01	1.60E-07	3.40E-08	5.38E-04	7.73E-05	6.42E-01	9.76E-02	4.39E+00	4.77E-05	4.39E+00	4.70E+00	9.95E-01	0.00E+00	0.00E+00	3.90E-10	5.10E-01
WH27750105C	2.10E-03	2.18E-01	2.12E-03	1.98E-01	1.13E-05	0.00E+00	2.42E+02	7.84E-05	1.41E-04	1.65E-03	1.96E-04	1.27E+00	8.03E-08	5.52E-08	4.69E+00	2.40E-01	2.98E-04	1.14E-02	1.06E-02	1.06E-01	4.26E+00	5.47E-01	1.60E-07	3.40E-08	5.38E-04	7.73E-05	6.42E-01	9.76E-02	4.39E+00	4.77E-05	4.39E+00	4.70E+00	9.95E-01	0.00E+00	0.00E+00	3.90E-10	5.10E-01
WH27750205C	2.10E-03	2.18E-01	2.12E-03	1.98E-01	1.09E-05	0.00E+00	2.42E+02	7.73E-05	1.41E-04	1.65E-03	1.96E-04	1.27E+00	8.03E-08	5.52E-08	4.69E+00	2.37E-01	2.98E-04	1.20E-02	1.06E-02	1.06E-01	4.26E+00	5.47E-01	1.60E-07	3.40E-08	5.38E-04	7.73E-05	6.42E-01	9.76E-02	4.39E+00	4.79E-05	4.39E+00	4.70E+00	9.95E-01	0.00E+00	0.00E+00	3.90E-10	5.10E-01
WH27915600C	7.42E-03	9.45E-01	9.45E-03	9.35E-01	7.19E-06	0.00E+00	5.09E+02	2.29E-05	7.59E-04	8.35E-03	1.12E-03	2.72E+00	1.42E-08	3.85E-08	4.59E+00	6.78E-02	1.51E-03	9.03E-03	2.36E-02	4.48E-01	2.25E+01	2.93E+00	2.65E-07	7.44E-08	3.12E-03	2.25E-04	3.36E+00	4.37E-01	2.54E+01	3.40E-05	2.54E+01	2.92E+01	3.80E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
WH27915605C	8.51E-03	1.06E+00	-4.40E-02	1.06E+00	5.62E-06	0.00E+00	4.45E+02	3.16E-05	9.30E-04	1.01E-02	1.69E-03	2.96E+00	2.02E-08	5.17E-08	4.65E+00	7.54E-02	2.28E-03	9.11E-03	2.42E-02	4.71E-01	2.00E+01	4.31E+00	4.52E-07	7.31E-08	3.76E-03	2.07E-04	1.44E+00	1.62E+00	2.50E+01	4.94E-05	2.50E+01	2.66E+01	2.49E+00	0.00E+00	0.00E+00	3.90E-10	9.90E-01
WH27915700C	1.40E-02	1.71E+00	-4.26E-02	1.80E+00	3.54E-06	0.00E+00	5.03E+02	4.60E-05	1.50E-03	1.49E-02	2.46E-03	4.37E+00	2.62E-07	7.40E-08	5.41E+00	1.29E-01	3.37E-03	2.29E-02	5.06E-02	5.91E-01	3.52E+01	5.89E+00	5.71E-07	1.09E-07	5.68E-03	2.54E-04	2.33E+00	1.70E+00	4.14E+01	8.38E-05	4.14E+01	4.48E+01	3.28E+00	0.00E+00	0.00E+00	3.90E-10	1.81E+00
WH27915705C	1.63E-02	1.73E+00	-4.32E-02	1.81E+00	7.07E-06	0.00E+00	5.06E+02	4.05E-05	1.53E-03	1.54E-02	2.46E-03	4.58E+00	2.65E-07	7.41E-08	5.27E+00	1.59E-01	3.37E-03	3.35E-02	5.55E-02	5.88E-01	3.57E+01	5.89E+00	6.41E-07	1.42E-07	6.03E-03	2.65E-04	2.39E+00	1.70E+00	4.23E+01	9.06E-05	4.20E+01	4.58E+01	3.28E+00	0.00E+00	0.00E+00	3.90E-10	1.83E+00
WH27915800C	1.17E-02	1.19E+00	-4.38E-02	1.22E+00	3.54E-06	0.00E+00	5.05E+02	4.28E-05	1.35E-03	1.27E-02	1.68E-03	3.86E+00	2.60E-07	6.87E-08	5.13E+00	1.20E-01	2.26E-03	1.80E-02	4.83E-02	5.71E-01	2.56E+01	3.37E+00	5.54E-07	9.43E-08	4.73E-03	2.50E-04	2.06E+00	1.63E+00	2.85E+01	8.06E-05	2.84E+01	2.96E+01	2.88E+00	0.00E+00	0.00E+00	3.90E-10	1.72E+00
WH27915805C	1.35E-02	1.23E+00	-4.40E-02	1.25E+00	6.95E-06	0.00E+00	5.30E+02	3.96E-05	1.38E-03	1.30E-02	1.68E-03	4.60E+00	2.64E-07	7.17E-08	5.04E+00	1.47E-01	2.25E-03	2.94E-02	5.23E-02	5.83E-01	3.01E+01	3.33E+00	6.24E-07	1.23E-07	5.08E-03	2.65E-04	2.09E+00	1.63E+00	2.96E+01	8.80E-05	2.95E+01	3.07E+01	2.93E+00	0.00E+00	0.00E+00	3.90E-10	1.73E+00
WH27916200C	1.05E-02	1.43E+00	-4.39E-02	1.48E+00	4.14E-06	0.00E+00	5.15E+02	3.74E-05	1.03E-03	1.17E-02	2.43E-03	3.27E+00	2.31E-07	6.89E-08	5.53E+00	1.17E-01	3.37E-03	1.97E-02	4.51E-02	5.24E-01	2.50E+01	5.96E+00	5.67E-07	9.06E-08	4.40E-03	2.14E-04	1.83E+00	1.68E+00	3.61E+01	6.19E-05	3.62E+01	3.88E+01	3.10E+00	0.00E+00	0.00E+00	3.90E-10	1.64E+00
WH27916205C	1.05E-02	1.43E+00	-4.39E-02	1.48E+00	4.14E-06	0.00E+00	5.15E+02	3.74E-05	1.03E-03	1.17E-02	2.43E-03	3.27E+00	2.31E-07	6.89E-08	5.53E+00	1.17E-01	3.37E-03	1.97E-02	4.51E-02	5.24E-01	2.50E+01	5.96E+00	5.67E-07	9.06E-08	4.40E-03	2.14E-04	1.83E+00	1.68E+00	3.61E+01	6.19E-05	3.62E+01	3.88E+01	3.10E+00	0.00E+00	0.00E+00	3.90E-10	1.64E+00
WH27916300C	8.51E-03	1.06E+00	-4.40E-02	1.06E+00	5.62E-06	0.00E+00	4.45E+02	3.16E-05	9.30E-04	1.01E-02	1.69E-03	2.96E+00	2.06E-08	5.17E-08	4.65E+00	7.54E-02	2.28E-03	9.11E-03	2.42E-02	4.71E-01	2.00E+01	4.31E+00	4.52E-07	7.31E-08	3.76E-03	2.07E-04	1.44E+00	1.62E+00	2.50E+01	4.94E-05	2.50E+01	2.66E+01	2.49E+00	0.00E+00	0.00E+00	3.90E-10	9.90E-01
WH27916304C	8.51E-03	1.06E+00	-4.40E-02	1.06E+00	5.62E-06	0.00E+00	4.45E+02	3.16E-05	9.30E-04	1.01E-02	1.69E-03	2.96E+00	2.06E-08	5.17E-08	4.65E+00	7.54E-02	2.28E-03	9.11E-03	2.42E-02	4.71E-01	2.00E+01	4.31E+00	4.52E-07	7.31E-08	3.76E-03	2.07E-04	1.44E+00	1.62E+00	2.50E+01	4.94E-05	2.50E+01	2.66E+01	2.49E+00	0.00E+00	0.00E+00	3.90E-10	9.90E-01
WH27916305C	8.51E-03	1.06E+00	-4.40E-02	1.06E+00	5.62E-06	0.00E+00	4.45E+02	3.16E-05	9.30E-04	1.01E-02	1.69E-03	2.96E+00	2.06E-08	5.17E-08	4.65E+00	7.54E-02	2.28E-03	9.11E-03	2.42E-02	4.71E-01	2.00E+01	4.31E+00	4.52E-07	7.31E-08	3.76E-03	2.07E-04	1.44E+00	1.62E+00	2.50E+01	4.94E-05	2.50E+01	2.66E+01	2.49E+00	0.00E+00	0.00E+00	3.90E-10	9.90E-01
WH27917000C	1.21E-02	1.13E+00	-4.30E-02	1.14E+00	6.25E-06	0.00E+00	5.19E+02	3.80E-05	1.37E-03	1.26E-02	1.69E-03	3.40E+00	2.10E-08	5.93E-08	4.80E+00	8.11E-02	2.28E-03	1.07E-02	2.41E-02	4.95E-01	2.43E+01	4.27E+00	4.49E-07	8.03E-08	4.77E-03	2.46E-04	1.46E+00	1.62E+00	2.77E+01	6.59E-05	2.77E+01	2.97E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	9.96E-01
WH27917003C	1.40E-02	1.19E+00	-4.32E-02	1.18E+00	8.94E-06	0.00E+00	5.24E+02	3.74E-05	1.41E-03	1.30E-02	1.68E-03	4.20E+00	1.95E-08	6.30E-08	4.54E+00	1.03E-01	2.27E-03	2.42E-02	2.58E-02	5.10E-01	2.93E+01	4.25E+00	5.87E-07	1.06E-07	5.12E-03	2.65E-04	1.51E+00	1.62E+00	2.89E+01	7.71E-05	2.89E+01	3.07E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH27917005C	1.40E-02	1.19E+00	-4.32E-02	1.18E+00	8.94E-06	0.00E+00	5.24E+02	3.74E-05	1.41E-03	1.30E-02	1.68E-03	4.20E+00	1.95E-08	6.30E-08	4.54E+00	1.03E-01	2.27E-03	2.42E-02	2.58E-02	5.10E-01	2.93E+01	4.25E+00	5.87E-07	1.06E-07	5.12E-03	2.65E-04	1.51E+00	1.62E+00	2.89E+01	7.71E-05	2.89E+01	3.07E+01	2.48E+00	0.00E+00	0.00E+00	3.90E-10	1.02E+00
WH27917700C	1.42E-02	1.68E+00	-1.81E-01	1.86E+00	6.70E-06	0.00E+00	3.39E+03	5.75E-05	1.67E-03	1.69E-02	3.33E-03	3.44E+00	1.05E-07	9.17E-08	8.12E+00	1.41E-01	4.64E-03	1.72E-02	2.51E-02	5.02E-01	3.08E+01	6.99E+00	4.73E-07	1.02E-07	5.45E-03	2.58E-04	1.68E+00	2.49E+00	3.81E+01	6.69E-05	3.82E+01	4.14E+01	3.68E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH27917705C	1.42E-02	1.68E+00	-1.81E-01	1.86E+00	6.70E-06	0.00E+00	3.39E+03	5.75E-05	1.67E-03	1.69E-02	3.33E-03	3.44E+00	1.05E-07	9.17E-08	8.12E+00	1.41E-01	4.64E-03	1.72E-02	2.51E-02	5.02E-01	3.08E+01	6.99E+00	4.73E-07	1.02E-07	5.45E-03	2.58E-04	1.68E+00	2.49E+00	3.81E+01	6.69E-05	3.82E+01	4.14E+01	3.68E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH27917800C	1.14E-02	1.50E+00	-1.81E-01	1.64E+00	6.65E-06	0.00E+00	3.39E+03	4.72E-05	1.30E-03	1.44E-02	3.20E-03	3.35E+00	1.20E-07	8.14E-08	8.14E+00	1.18E-01	4.64E-03	1.59E-02	2.52E-02	4.84E-01	2.69E+01	7.13E+00	4.72E-07	8.96E-08	4.98E-03	2.29E-04	1.68E+00	2.49E+00	3.44E+01	5.46E-05	3.46E+01	3.80E+01	3.64E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH27917804C	1.14E-02	1.50E+00	-1.81E-01	1.64E+00	6.65E-06	0.00E+00	3.39E+03	4.72E-05	1.30E-03	1.44E-02	3.20E-03	3.35E+00	1.20E-07	8.14E-08	8.14E+00	1.18E-01	4.64E-03	1.59E-02	2.52E-02	4.84E-01	2.69E+01	7.13E+00	4.72E-07	8.96E-08	4.98E-03	2.29E-04	1.68E+00	2.49E+00	3.44E+01	5.46E-05	3.46E+01	3.80E+01	3.64E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH27917805C	1.14E-02	1.50E+00	-1.81E-01	1.64E+00	6.65E-06	0.00E+00	3.39E+03	4.72E-05	1.30E-03	1.44E-02	3.20E-03	3.35E+00	1.20E-07	8.14E-08	8.14E+00	1.18E-01	4.64E-03	1.59E-02	2.52E-02	4.84E-01	2.69E+01	7.13E+00	4.72E-07	8.96E-08	4.98E-03	2.29E-04	1.68E+00	2.49E+00	3.44E+01	5.46E-05	3.46E+01	3.80E+01	3.64E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH3358025F	1.27E-03	2.42E-01	2.42E-03	2.40E-01	1.58E-05	0.00E+00	1.52E+02	1.26E-05	1.57E-04	1.72E-03	2.54E-04	3.70E-01	5.21E-08	1.11E-08	1.03E+00	6.71E-02	3.44E-04	1.69E-03	1.52E-02	7.31E-02	4.82E+00	6.15E-01	6.97E-07	9.39E-09	5.56E-04	2.73E-05	2.83E-01	2.53E-02	5.43E+00	5.84E-06	5.43E+00	5.74E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	6.53E-01
WH36580300A	4.18E-03	6.74E-01	-4.92E-03	6.79E-01	4.30E-05	0.00E+00	2.63E+02	5.23E-06	5.27E-04	5.55E-03	8.03E-04	8.32E-01	9.69E-09	1.95E-08	2.30E+00	1.35E-01	1.09E-03	3.23E-03	7.34E-03	4.77E-01	1.10E+01	2.75E+00	4.14E-08	2.74E-08	1.80E-03	2.22E-04	5.49E-01	3.28E-01	1.38E+01	9.92E-06	1.38E+01	1.47E+01	8.77E-01	0.00E+00	0.00E+00	0.00E+00	3.15E-01
WH36580300C	6.68E-03	1.09E+00	7.30E-03	1.09E+00	4.30E-05	0.00E+00	2.65E+02	6.66E-06	7.52E-04	8.02E-03	9.96E-04	8.65E-01	9.92E-09	2.16E-08	2.46E+00	1.37E-01	1.35E-03	9.32E-03	9.11E-03	1.11E+00	1.68E+01	2.95E+00	9.25E-08	4.76E-08	2.63E-03	7.17E-04	7.92E-01	3.47E-01	1.98E+01	9.99E-06	1.98E+01	2.09E+01	1.14E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-01
WH36580300Q	6.00E-03	1.21E+00	2.84E-03	1.20E+00	1.17E-04	0.00E+00	2.68E+02	7.86E-06	8.68E-04	9.10E-03	1.60E-03	1.11E+00	5.35E-08	2.80E-08	3.06E+00	3.67E-01	2.16E-03	4.16E-03	1.09E-02	1.09E+00	1.87E+01	6.64E+00	5.10E-08	4.15E-08	2.97E-03	5.81E-04	1.16E+00	5.47E-01	2.54E+01	1.37E-05	2.54E+01	2.71E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-01
WH36580303A	4.14E-03	6.59E-01	-5.45E-03	6.65E-01	4.08E-05	0.00E+00	2.63E+02	5.16E-06	5.17E-04	5.46E-03	7.83E-04	8.32E-01	9.68E-09	1.94E-08	2.30E+00	1.28E-01	1.06E-03	3.21E-03	7.25E-03	4.60E-01	1.08E+01	2.63E+00	4.12E-08	2.71E-08	1.77E-03	2.11E-04	5.31E-01	3.26E-01	1.35E+01	9.91E-06	1.35E+01	1.43E+01	8.57E-01	0.00E+00	0.00E+00	0.00E+00	3.12E-01
WH36580303C	6.53E-03	1.07E+00	2.32E-02	1.05E+00	4.07E-05	0.00E+00	2.55E+02	1.34E-05	7.20E-04	7.78E-03	8.79E-04	8.32E-01	7.81E-09	2.13E-08	2.25E+00	1.51E-01	1.19E-03	9.19E-03	9.09E-03	1.08E+00	1.63E+01	2.82E+00	9.18E-08	4.67E-08	2.55E-03	7.01E-04	1.21E+00	1.27E-01	1.91E+01	9.86E-06	1.91E+01	2.04E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-01
WH36580303Q	5.65E-03	1.14E+00	-3.78E-03	1.14E+00	4.08E-05	0.00E+00	2.68E+02	7.06E-06	8.75E-04	9.09E-03	1.52E-03	8.33E-01	1.16E-08	2.19E-08	2.40E+00	1.54E-01	2.06E-03	4.07E-03	1.04E-02	9.58E-01	1.72E+01	6.81E+00	4.49E-08	3.87E-08	2.91E-03	5.21E-04	8.92E-01	5.40E-01	2.40E+01	9.95E-06	2.40E+01	2.54E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-01
WH36580305A	4.03E-03	6.12E-01	-7.97E-03	6.20E-01	2.99E-05	0.00E+00	2.53E+02	1.18E-05	5.04E-04	5.35E-03	7.92E-04	7.99E-01	9.63E-09	1.90E-08	2.20E+00	1.17E-01	1.07E-03	3.22E-03	7.02E-03	4.11E-01	1.00E+01	2.41E+00	4.01E-08	2.62E-08	1.70E-03	1.84E-04	8.53E-01	3.27E-01	1.24E+01	9.92E-06	1.24E+01	1.36E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-01
WH36580305C	6.64E-03	1.07E+00	6.40E-03	1.07E+00	3.47E-05	0.00E+00	2.64E+02	6.50E-06	7.47E-04	7.95E-03	9.82E-04	8.65E-01	9.90E-09	2.15E-08	2.43E+00	1.13E-01	1.33E-03	9.31E-03	9.01E-03	1.08E+00	1.63E+01	2.91E+00	9.18E-08	4.71E-08	2.61E-03	7.04E-04	7.38E-01	3.45E-01	1.93E+01	9.99E-06	1.93E+01	2.03E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-01
WH36580305Q	2.29E-03	1.71E-01	2.35E-02	1.65E-01	6.78E-05	0.00E+00	2.43E+02	1.04E-05	1.25E-04	1.43E-03	1.89E-04	8.39E-01	8.71E-09	1.77E-08	2.16E+00	2.38E-01	2.86E-04	2.18E-03	5.40E-03	6.79E-01	4.39E+00	6.28E-01	3.50E-07	1.24E-08	5.00E-04	3.40E-04	9.22E-01	6.64E-02	4.63E+00	9.93E-06	4.63E+00	5.04E+00	2.55E-01	0.00E+00	0.00E+00	3.90E-10	2.35E-01
WH36580349A	2.29E-03	1.71E-01	1.91E-02	1.65E-01	3.65E-05	0.00E+00	2.47E+02	1.06E-05	1.25E-04	1.43E-03	1.89E-04	8.39E-01	6.83E-09	1.69E-08	2.13E+00	1.21E-01	2.86E-04	2.17E-03	5.31E-03	4.54E-01	4.39E+00	6.28E-01	3.50E-07	1.24E-08	5.00E-04	2.56E-04	8.95E-01	6.30E-02	4.63E+00	9.93E-06	4.63E+00	5.04E+00	2.55E-01	0.00E+00	0.00E+00	3.90E-10	2.34E-01
WH36580349C	7.23E-03	1.14E+00	4.11E-03	1.13E+00	3.59E-05	0.00E+00	2.56E+02	1.34E-05	7.93E-04	8.52E-03	9.77E-04	8.49E-01	9.86E-09	2.16E-08	2.39E+00	1.36E-01	1.32E-03	9.30E-03	9.30E-03	1.06E+00	1.85E+01	2.53E+00	1.07E-07	5.03E-08	3.13E-03	6.95E-04	1.13E+00	3.45E-01	2.10E+01	1.00E-05	2.10E+01	2.25E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-01
WH36580349Q	2.29E-03	1.71E-01	2.35E-02	1.65E-01	5.52E-05	0.00E+00	2.43E+02	1.04E-05	1.25E-04	1.43E-03	1.89E-04	8.39E-01	8.71E-09	1.77E-08	2.16E+00	1.52E-01	2.86E-04	2.18E-03	5.40E-03	6.81E-01	4.39E+00	6.28E-01	3.50E-07	1.24E-08	5.00E-04	3.34E-04	9.20E-01	6.64E-02	4.63E+00	9.93E-06	4.63E+00	5.04E+00	2.55E-01	0.00E+00	0.00E+00	3.90E-10	2.35E-01
WH36582300A	2.12E-03	1.84E-01	2.61E-03	1.77E-01	3.68E-06	0.00E+00	3.02E+02	3.20E-05	1.18E-04	1.44E-03	1.88E-04	1.45E+00	7.13E-09	3.74E-08	4.65E+00	9.11E-02	2.86E-04	3.83E-03	5.55E-03	1.10E-01	3.35E+00	6.25E-01	1.29E-07	1.72E-08	4.18E-04	4.58E-05	4.97E-01	6.29E-02	3.60E+00	2.85E-05	3.60E+00	3.84E+00	2.92E-01	0.00E+00	0.00E+00	3.90E-10	2.39E-01
WH36582300C	2.12E-03	1.84E-01	3.73E-03	1.77E-01	3.81E-06	0.00E+00	3.12E+02	3.14E-05	1.18E-04	1.44E-03	1.88E-04	1.49E+00	7.29E-09	3.75E-08	4.65E+00	9.25E-02	2.86E-04	7.11E-03	5.74E-03	1.69E-01	3.47E+00	6.24E-01	1.21E-07	3.62E-08	4.14E-04	7.77E-05	7.39E-01	6.49E-02	3.61E+00	2.91E-05	3.61E+00	3.85E+00	6.75E-01	0.00E+00	0.00E+00	3.90E-10	2.40E-01
WH36582300Q	2.39E-03	1.87E-01	1.55E-02	1.80E-01	4.21E-05	0.00E+00	3.07E+02	3.15E-05	1.26E-04	1.54E-03	1.88E-04	1.55E+00	7.14E-09	3.90E-08	4.74E+00	1.62E-01	2.86E-04	3.93E-03	5.67E-03	5.66E-01	3.44E+00	6.25E-01	1.30E-07	1.86E-08	4.23E-04	3.21E-04	9.82E-01	6.56E-02	3.70E+00	2.87E-05	3.70E+00	4.00E+00	3.06E-01	0.00E+00	0.00E+00	3.90E-10	2.39E-01
WH36582303A	2.08E-03	1.82E-01	2.56E-03	1.73E-01	3.36E-06	0.00E+00	2.50E+02	1.50E-05	1.15E-04	1.29E-03	1.86E-04	9.38E-01	6.87E-09	3.31E-08	3.88E+00	8.08E-02	2.86E-04	1.93E-03	5.21E-03	1.07E-01	3.32E+00	6.26E-01	1.05E-07	1.59E-08	4.21E-04	4.43E-05	4.45E-01	5.86E-02	3.56E+00	1.64E-05	3.56E+00	3.80E+00	2.25E-01	0.00E+00	0.00E+00	3.90E-10	2.29E-01
WH36582303C	2.08E-03	1.82E-01	3.64E-03	1.73E-01	3.48E-06	0.00E+00	2.61E+02	1.51E-05	1.15E-04	1.29E-03	1.86E-04	1.00E+00	6.98E-09	3.32E-08	3.87E+00	8.35E-02	2.86E-04	6.12E-03	5.36E-03	1.67E-01	3.46E+00	6.25E-01	1.01E-07	3.58E-08	4.17E-04	7.66E-05	6.77E-01	6.08E-02	3.58E+00	1.76E-05	3.58E+00	3.82E+00	4.61E-01	0.00E+00	0.00E+00	3.90E-10	2.31E-01
WH36582303Q	2.36E-03	1.84E-01	1.52E-02	1.76E-01	3.04E-05	0.00E+00	2.55E+02	1.51E-05	1.22E-04	1.37E-03	1.86E-04	1.02E+00	6.87E-09	3.39E-08	3.92E+00	1.31E-01	2.86E-04	2.00E-03	5.32E-03	5.65E-01	3.41E+00	6.26E-01	1.07E-07	1.69E-08	4.26E-04	3.21E-04	9.06E-01	6.41E-02	3.66E+00	1.69E-05	3.66E+00	3.97E+00	2.37E-01	0.00E+00	0.00E+00	3.90E-10	2.28E-01
WH36582305A	2.08E-03	1.82E-01	2.56E-03	1.73E-01	3.36E-06	0.00E+00	2.50E+02	1.50E-05	1.15E-04	1.29E-03	1.86E-04	9.38E-01	6.87E-09	3.31E-08	3.88E+00	8.08E-02	2.86E-04	1.93E-03	5.21E-03	1.07E-01	3.32E+00	6.26E-01	1.05E-07	1.59E-08	4.21E-04	4.43E-05	4.45E-01	5.86E-02	3.56E+00	1.64E-05	3.56E+00	3.80E+00	2.25E-01	0.00E+00	0.00E+00	3.90E-10	2.29E-01
WH36582305C	2.08E-03	1.82E-01	3.64E-03	1.73E-01	3.48E-06	0.00E+00	2.61E+02	1.51E-05	1.15E-04	1.29E-03	1.86E-04	1.00E+00	6.98E-09	3.32E-08	3.87E+00	8.35E-02	2.86E-04	6.12E-03	5.36E-03	1.67E-01	3.46E+00	6.25E-01	1.01E-07	3.58E-08	4.17E-04	7.66E-05	6.77E-01	6.08E-02	3.58E+00	1.76E-05	3.58E+00	3.82E+00	4.61E-01	0.00E+00	0.00E+00	3.90E-10	2.31E-01
WH36582305Q	2.36E-03	1.84E-01	1.54E-02	1.76E-01	3.04E-05	0.00E+00	2.55E+02	1.51E-05	1.22E-04	1.37E-03	1.86E-04	1.02E+00	7.03E-09	3.39E-08	3.92E+00	1.31E-01	2.86E-04	2.00E-03	5.32E-03	5.65E-01	3.41E+00	6.26E-01	1.07E-07	1.69E-08	4.26E-04	3.21E-04	9.06E-01	6.41E-02	3.66E+00	1.69E-05	3.66E+00	3.97E+00	2.37E-01	0.00E+00	0.00E+00	3.90E-10	2.28E-01
WH36582349C	8.62E-03	1.17E+00	-1.78E-01	1.17E+00	2.46E-06	0.00E+00	3.36E+03	2.43E-05	9.44E-04	1.02E-02	1.69E-03	2.94E+00	2.89E-08	5.57E-08	4.61E+00	1.36E-01	2.28E-03	9.62E-03	1.66E-02	5.07E-01	1.96E+01	4.13E+00	1.06E-07	7.20E-08	3.79E-03	1.97E-04	1.23E+00	2.36E+00	2.45E+01	5.52E-05	2.45E+01	2.61E+01	2.45E+00	0.00E+00	0.00E+00	3.90E-10	6.90E-01
WH36583300A	3.74E-03	7.11E-01	-1.15E-02	7.22E-01	6.21E-05	0.00E+00	2.54E+02	1.27E-05	5.32E-04	5.60E-03	1.14E-03	7.97E-01	1.09E-08	2.06E-08	2.18E+00	2.19E-01	1.54E-03	3.62E-03	6.01E-03	5.94E-01	1.22E+01	3.75E+00	1.85E-08	2.58E-08	1.78E-03	3.22E-04	9.85E-01	4.62E-01	1.59E+01	9.74E-06	1.59E+01	1.74E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01
WH36583300C	6.26E-03	1.13E+00	5.45E-04	1.13E+00	6.29E-05	0.00E+00	2.56E+02	1.41E-05	7.59E-04	8.08E-03	1.33E-03	8.31E-01	1.11E-08	2.28E-08	2.34E+00	2.24E-01	1.81E-03	9.71E-03	7.78E-03	1.23E+00	1.79E+01	4.01E+00	7.02E-08	4.62E-08	2.63E-03	8.24E-04	1.24E+00	4.81E-01	2.19E+01	9.82E-06	2.19E+01	2.36E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-01
WH36583300Q	1.02E-02	1.47E+00	-3.02E-02	1.48E+00	1.21E-04	0.00E+00	4.69E+02	3.60E-05	1.03E-03	1.22E-02	2.09E-03	2.67E+00	4.28E-08	5.56E-08	5.36E+00	4.15E-01	2.75E-03	1.09E-02	1.63E-02	1.52E+00	2.34E+01	6.50E+00	7.96E-08	7.90E-08	4.23E-03	6.39E-04	1.84E+00	1.46E+00	3.55E+01	5.55E-05	3.58E+01	3.89E+01	2.38E+00	0.00E+00	0.00E+00	3.90E-10	7.17E-01
WH36583303A	5.84E-03	9.49E-01	-5.65E-04	9.50E-01	5.83E-05	0.00E+00	2.72E+02	1.86E-05	6.90E-04	7.36E-03	1.01E-03	1.06E+00	1.03E-08	4.48E-08	3.51E+00	2.05E-01	1.37E-03	4.40E-03	1.05E-02	9.24E-01	1.49E+01	2.83E+00	3.40E-08	4.30E-08	2.49E-03	3.95E-04	1.10E+00	2.48E-01	1.77E+01	1.81E-05	1.76E+01	1.93E+01	1.46E+00	0.00E+00	0.00E+00	3.90E-10	3.82E-01
WH36583303C	6.60E-03	1.07E+00	4.81E-03	1.06E+00	5.82E-05	0.00E+00	2.74E+02	1.91E-05	7.43E-04	7.85E-03	1.01E-03	1.06E+00	1.05E-08	4.50E-08	3.50E+00	2.07E-01	1.37E-03	1.07E-02	1.16E-02	1.12E+00	1.76E+01	2.89E+00	9.84E-08	5.76E-08	2.69E-03	7.40E-04	1.39E+00	2.44E-01	2.08E+01	1.77E-05	2.08E+01	2.25E+01	1.74E+00	0.00E+00	0.00E+00	3.90E-10	4.09E-01
WH36583303Q	8.51E-03	1.29E+00	1.88E-03	1.25E+00	1.07E-04	0.00E+00	3.97E+02	2.06E-05	9.92E-04	1.10E-02	1.68E-03	2.36E+00	4.21E-08	5.30E-08	4.90E+00	3.57E-01	2.28E-03	5.24E-03	1.65E-02	1.18E+00	2.06E+01	6.65E+00	5.52E-08	6.89E-08	3.80E-03	5.93E-04	1.72E+00	2.55E-01	2.65E+01	2.19E-05	2.64E+01	2.81E+01	2.02E+00	0.00E+00	0.00E+00	3.90E-10	6.50E-01
WH36583305A	5.84E-03	9.49E-01	-4.28E-04	9.50E-01	5.83E-05	0.00E+00	2.72E+02	1.86E-05	6.90E-04	7.36E-03	1.01E-03	1.06E+00	1.03E-08	4.48E-08	3.51E+00	2.05E-01	1.37E-03	4.41E-03	1.06E-02	9.55E-01	1.49E+01	2.83E+00	3.39E-08	4.29E-08	2.49E-03	3.95E-04	1.10E+00	2.48E-01	1.77E+01	1.81E-05	1.76E+01	1.93E+01	1.46E+00	0.00E+00	0.00E+00	3.90E-10	3.82E-01
WH36583305C	6.18E-03	1.10E+00	-4.86E-04	1.10E+00	5.86E-05	0.00E+00	2.56E+02	1.40E-05	7.41E-04	7.89E-03	1.28E-03	8.31E-01	1.11E-08	2.26E-08	2.33E+00	2.10E-01	1.74E-03	9.66E-03	7.61E-03	1.20E+00	1.75E+01	3.78E+00	6.97E-08	4.55E-08	2.57E-03	8.03E-04	1.20E+00	4.77E-01	2.12E+01	9.82E-06	2.12E+01	2.29E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-01
WH36583305Q	1.01E-02	1.47E+00	-2.99E-02	1.48E+00	1.19E-04	0.00E+00	4.37E+02	2.40E-05	1.03E-03	1.22E-02	2.09E-03	2.58E+00	4.45E-08	5.57E-08	5.31E+00	4.04E-01	2.75E-03	8.41E-03	1.62E-02	1.52E+00	2.29E+01	6.57E+00	7.65E-08	7.60E-08	4.21E-03	6.37E-04	1.76E+00	1.46E+00	3.49E+01	5.62E-05	3.50E+01	3.80E+01	2.24E+00	0.00E+00	0.00E+00	3.90E-10	6.84E-01
WH36583349A	5.84E-03	9.49E-01	-5.65E-04	9.50E-01	5.83E-05	0.00E+00	2.72E+02	1.86E-05	6.90E-04	7.36E-03	1.01E-03	1.06E+00	1.03E-08	4.48E-08	3.51E+00	2.05E-01	1.37E-03	4.40E-03	1.05E-02	9.24E-01	1.49E+01	2.83E+00	3.40E-08	4.30E-08	2.49E-03	3.95E-04	1.10E+00	2.48E-01	1.77E+01	1.81E-05	1.76E+01	1.93E+01	1.46E+00	0.00E+00	0.00E+00	3.90E-10	3.82E-01
WH36583349C	6.60E-03	1.07E+00	4.81E-03	1.06E+00	5.82E-05	0.00E+00	2.74E+02	1.91E-05	7.43E-04	7.85E-03	1.01E-03	1.06E+00	1.05E-08	4.50E-08	3.50E+00	2.07E-01	1.37E-03	1.07E-02	1.16E-02	1.12E+00	1.76E+01	2.89E+00	9.84E-08	5.76E-08	2.69E-03	7.40E-04	1.39E+00	2.44E-01	2.08E+01	1.77E-05	2.08E+01	2.25E+01	1.74E+00	0.00E+00	0.00E+00	3.90E-10	4.09E-01
WH36583349Q	8.51E-03	1.29E+00	1.88E-03	1.25E+00	1.07E-04	0.00E+00	3.97E+02	2.06E-05	9.92E-04	1.10E-02	1.68E-03	2.36E+00	4.21E-08	5.30E-08	4.90E+00	3.57E-01	2.28E-03	5.24E-03	1.65E-02	1.18E+00	2.06E+01	6.65E+00	5.52E-08	6.89E-08	3.80E-03	5.93E-04	1.73E+00	2.55E-01	2.65E+01	2.19E-05	2.64E+01	2.81E+01	2.02E+00	0.00E+00	0.00E+00	3.90E-10	6.50E-01

WH36583400A	6.28E-03	9.87E-01	-2.91E-04	9.74E-01	6.15E-05	0.00E+00	3.25E+02	3.02E-05	6.76E-04	7.45E-03	1.05E-03	1.60E+00	1.14E-08	4.65E-08	4.28E+00	2.27E-01	1.42E-03	6.74E-03	1.18E-02	9.56E-01	1.53E+01	3.13E+00	4.11E-08	4.71E-08	2.56E-03	3.95E-04	1.16E+00	2.57E-01	1.82E+01	2.67E-05	1.82E+01	1.99E+01	1.55E+00	0.00E+00	0.00E+00	3.90E-10	4.20E-01
WH36583400C	7.05E-03	1.09E+00	5.12E-03	1.07E+00	6.14E-05	0.00E+00	3.27E+02	2.85E-05	7.47E-04	8.20E-03	1.05E-03	1.61E+00	1.17E-08	4.66E-08	4.29E+00	2.28E-01	1.42E-03	1.17E-02	1.26E-02	1.11E+00	1.80E+01	3.11E+00	1.06E-07	6.18E-08	2.76E-03	7.42E-04	1.48E+00	2.55E-01	2.16E+01	2.65E-05	2.16E+01	2.35E+01	2.03E+00	0.00E+00	0.00E+00	3.90E-10	4.38E-01
WH36583403A	5.90E-03	9.88E-01	-6.12E-04	9.75E-01	5.85E-05	0.00E+00	2.73E+02	1.86E-05	6.86E-04	7.38E-03	1.06E-03	1.07E+00	1.04E-08	4.55E-08	3.57E+00	2.06E-01	1.42E-03	4.44E-03	1.15E-02	9.31E-01	1.48E+01	3.14E+00	3.57E-08	4.46E-08	2.57E-03	3.95E-04	1.09E+00	2.48E-01	1.77E+01	1.81E-05	1.77E+01	1.93E+01	1.43E+00	0.00E+00	0.00E+00	3.90E-10	3.89E-01
WH36583403C	6.71E-03	1.10E+00	4.94E-03	1.07E+00	5.84E-05	0.00E+00	2.74E+02	1.90E-05	7.57E-04	8.24E-03	1.05E-03	1.08E+00	1.05E-08	4.56E-08	3.56E+00	2.09E-01	1.42E-03	1.08E-02	1.25E-02	1.12E+00	1.76E+01	3.11E+00	9.96E-08	5.97E-08	2.77E-03	7.40E-04	1.38E+00	2.44E-01	2.09E+01	1.77E-05	2.09E+01	2.27E+01	1.71E+00	0.00E+00	0.00E+00	3.90E-10	4.16E-01
WH36583405A	5.90E-03	9.88E-01	-4.75E-04	9.75E-01	5.85E-05	0.00E+00	2.73E+02	1.86E-05	6.86E-04	7.38E-03	1.06E-03	1.07E+00	1.03E-08	4.55E-08	3.57E+00	2.06E-01	1.42E-03	4.45E-03	1.15E-02	9.62E-01	1.48E+01	3.14E+00	3.57E-08	4.44E-08	2.57E-03	3.95E-04	1.09E+00	2.48E-01	1.77E+01	1.81E-05	1.77E+01	1.93E+01	1.43E+00	0.00E+00	0.00E+00	3.90E-10	3.89E-01
WH36583405C	6.71E-03	1.10E+00	5.04E-03	1.07E+00	5.84E-05	0.00E+00	2.74E+02	1.90E-05	7.57E-04	8.24E-03	1.05E-03	1.08E+00	1.05E-08	4.56E-08	3.56E+00	2.09E-01	1.42E-03	1.08E-02	1.25E-02	1.12E+00	1.76E+01	3.11E+00	9.96E-08	5.96E-08	2.77E-03	7.40E-04	1.38E+00	2.44E-01	2.09E+01	1.77E-05	2.09E+01	2.27E+01	1.71E+00	0.00E+00	0.00E+00	3.90E-10	4.16E-01
WH36583405Q	8.53E-03	1.28E+00	1.87E-03	1.25E+00	1.06E-04	0.00E+00	3.99E+02	2.05E-05	9.91E-04	1.10E-02	1.68E-03	2.38E+00	4.21E-08	5.29E-08	4.90E+00	3.57E-01	2.28E-03	5.29E-03	1.65E-02	1.18E+00	2.07E+01	6.65E+00	5.54E-08	6.88E-08	3.80E-03	5.93E-04	1.76E+00	2.55E-01	2.64E+01	2.20E-05	2.63E+01	2.81E+01	2.05E+00	0.00E+00	0.00E+00	3.90E-10	6.51E-01
WH36585300A	8.68E-03	1.23E+00	-1.73E-01	1.22E+00	3.76E-05	0.00E+00	3.45E+03	3.85E-05	9.75E-04	1.08E-02	1.68E-03	2.68E+00	2.99E-08	5.68E-08	4.71E+00	2.07E-01	2.28E-03	7.18E-03	1.61E-02	9.86E-01	2.03E+01	5.67E+00	7.59E-08	7.05E-08	3.93E-03	5.14E-04	1.26E+00	2.21E+00	2.56E+01	6.33E-05	2.57E+01	2.79E+01	2.22E+00	0.00E+00	0.00E+00	3.90E-10	6.54E-01
WH36585300C	6.62E-03	1.10E+00	2.38E-02	1.07E+00	4.29E-05	0.00E+00	2.55E+02	1.37E-05	7.38E-04	8.02E-03	9.00E-04	8.36E-01	7.83E-09	2.15E-08	2.41E+00	1.58E-01	1.22E-03	9.21E-03	9.30E-03	1.11E+00	1.76E+01	2.94E+00	9.23E-08	4.84E-08	2.60E-03	7.12E-04	1.71E+00	1.29E-01	2.05E+01	9.89E-06	2.05E+01	2.24E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-01
WH36585300Q	1.07E-02	1.45E+00	-1.73E-01	1.48E+00	1.22E-04	0.00E+00	3.45E+03	3.92E-05	1.09E-03	1.26E-02	2.47E-03	2.56E+00	4.94E-08	6.05E-08	5.12E+00	4.06E-01	3.37E-03	1.09E-02	1.62E-02	1.11E+00	2.29E+01	7.66E+00	8.90E-08	7.68E-08	4.55E-03	5.86E-04	1.57E+00	2.25E+00	3.88E+01	6.48E-05	3.87E+01	4.21E+01	2.78E+00	0.00E+00	0.00E+00	3.90E-10	6.92E-01
WH36585303A	8.53E-03	1.22E+00	-1.73E-01	1.20E+00	3.54E-05	0.00E+00	3.45E+03	2.35E-05	9.74E-04	1.08E-02	1.68E-03	2.59E+00	2.94E-08	5.49E-08	4.54E+00	1.88E-01	2.28E-03	5.03E-03	1.59E-02	8.43E-01	1.98E+01	5.75E+00	7.19E-08	6.60E-08	3.72E-03	4.61E-04	1.22E+00	2.22E+00	2.54E+01	5.39E-05	2.55E+01	2.73E+01	2.11E+00	0.00E+00	0.00E+00	3.90E-10	6.29E-01
WH36585303C	8.65E-03	1.22E+00	-1.77E-01	1.20E+00	3.65E-05	0.00E+00	3.36E+03	2.32E-05	9.64E-04	1.08E-02	1.68E-03	2.60E+00	2.92E-08	5.47E-08	4.31E+00	1.78E-01	2.28E-03	9.74E-03	1.58E-02	1.02E+00	1.98E+01	5.76E+00	1.16E-07	6.90E-08	3.72E-03	6.42E-04	1.27E+00	2.35E+00	2.55E+01	5.38E-05	2.56E+01	2.73E+01	2.41E+00	0.00E+00	0.00E+00	3.90E-10	6.26E-01
WH36585303Q	1.07E-02	1.46E+00	-1.73E-01	1.48E+00	9.98E-05	0.00E+00	3.45E+03	2.57E-05	1.08E-03	1.26E-02	2.47E-03	2.50E+00	3.35E-08	5.95E-08	5.18E+00	2.85E-01	3.37E-03	8.29E-03	1.59E-02	1.09E+00	2.29E+01	7.65E+00	8.90E-08	7.43E-08	4.36E-03	5.73E-04	1.49E+00	2.25E+00	3.92E+01	5.54E-05	3.90E+01	4.22E+01	2.72E+00	0.00E+00	0.00E+00	3.90E-10	6.65E-01
WH36585305A	8.53E-03	1.22E+00	-1.73E-01	1.20E+00	3.54E-05	0.00E+00	3.45E+03	2.35E-05	9.74E-04	1.08E-02	1.68E-03	2.59E+00	2.94E-08	5.49E-08	4.54E+00	1.88E-01	2.28E-03	5.03E-03	1.59E-02	8.43E-01	1.98E+01	5.75E+00	7.19E-08	6.60E-08	3.72E-03	4.61E-04	1.22E+00	2.22E+00	2.54E+01	5.39E-05	2.55E+01	2.73E+01	2.11E+00	0.00E+00	0.00E+00	3.90E-10	6.29E-01
WH36585305C	8.65E-03	1.22E+00	-1.77E-01	1.20E+00	3.65E-05	0.00E+00	3.36E+03	2.32E-05	9.64E-04	1.08E-02	1.68E-03	2.60E+00	2.92E-08	5.47E-08	4.31E+00	1.78E-01	2.28E-03	9.74E-03	1.58E-02	1.02E+00	1.98E+01	5.76E+00	1.16E-07	6.90E-08	3.72E-03	6.42E-04	1.27E+00	2.35E+00	2.55E+01	5.38E-05	2.56E+01	2.73E+01	2.41E+00	0.00E+00	0.00E+00	3.90E-10	6.26E-01
WH36585305Q	1.07E-02	1.46E+00	-1.73E-01	1.48E+00	1.13E-04	0.00E+00	3.45E+03	2.57E-05	1.08E-03	1.26E-02	2.47E-03	2.51E+00	3.35E-08	5.95E-08	5.18E+00	3.72E-01	3.37E-03	8.31E-03	1.59E-02	1.09E+00	2.29E+01	7.64E+00	8.78E-08	7.43E-08	4.36E-03	5.80E-04	1.51E+00	2.25E+00	3.92E+01	5.54E-05	3.90E+01	4.22E+01	2.72E+00	0.00E+00	0.00E+00	3.90E-10	6.67E-01
WH36585349A	8.53E-03	1.22E+00	-1.73E-01	1.20E+00	3.54E-05	0.00E+00	3.45E+03	2.35E-05	9.74E-04	1.08E-02	1.68E-03	2.59E+00	2.94E-08	5.49E-08	4.54E+00	1.88E-01	2.28E-03	5.03E-03	1.59E-02	8.43E-01	1.98E+01	5.75E+00	7.19E-08	6.60E-08	3.72E-03	4.61E-04	1.22E+00	2.22E+00	2.54E+01	5.39E-05	2.55E+01	2.73E+01	2.11E+00	0.00E+00	0.00E+00	3.90E-10	6.29E-01
WH36585349C	8.65E-03	1.22E+00	-1.77E-01	1.20E+00	3.65E-05	0.00E+00	3.36E+03	2.32E-05	9.64E-04	1.08E-02	1.68E-03	2.60E+00	2.92E-08	5.47E-08	4.31E+00	1.78E-01	2.28E-03	9.74E-03	1.58E-02	1.02E+00	1.98E+01	5.76E+00	1.16E-07	6.90E-08	3.72E-03	6.42E-04	1.27E+00	2.35E+00	2.55E+01	5.38E-05	2.56E+01	2.73E+01	2.41E+00	0.00E+00	0.00E+00	3.90E-10	6.26E-01
WH36585600A	2.69E-03	2.29E-01	2.42E-02	1.96E-01	4.03E-05	0.00E+00	2.98E+02	4.73E-05	1.48E-04	1.80E-03	1.86E-04	2.12E+00	1.50E-07	4.60E-08	4.60E+00	2.05E-01	2.96E-04	1.19E-02	2.86E-02	5.86E-01	4.24E+00	5.35E-01	4.39E-07	2.08E-08	5.19E-04	3.36E-04	1.28E+00	5.63E-02	4.61E+00	4.06E-05	4.61E+00	4.87E+00	4.41E-01	0.00E+00	0.00E+00	3.90E-10	9.87E-01
WH36585600C	7.80E-03	1.29E+00	3.99E-03	1.28E+00	3.42E-05	0.00E+00	3.06E+02	2.52E-05	9.00E-04	9.72E-03	1.34E-03	2.37E+00	1.08E-07	2.68E-08	2.52E+00	1.51E-01	1.81E-03	1.81E-02	2.50E-02	1.16E+00	2.27E+01	2.77E+00	1.57E-07	8.97E-08	3.21E-03	7.39E-04	1.76E+00	4.05E-01	2.54E+01	3.32E-05	2.54E+01	2.76E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
WH36585600Q	6.83E-03	1.29E+00	-2.81E-03	1.30E+00	9.66E-05	0.00E+00	3.09E+02	3.12E-05	9.59E-04	1.02E-02	1.93E-03	2.62E+00	1.51E-07	3.31E-08	3.11E+00	3.57E-01	2.61E-03	1.36E-02	2.63E-02	1.03E+00	2.33E+01	5.93E+00	1.14E-07	8.16E-08	3.35E-03	5.49E-04	2.04E+00	6.04E-01	2.92E+01	3.71E-05	2.92E+01	3.18E+01	2.64E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
WH36585603A	2.64E-03	2.20E-01	1.98E-02	1.89E-01	3.80E-05	0.00E+00	2.66E+02	2.82E-05	1.42E-04	1.60E-03	1.84E-04	1.52E+00	1.36E-07	4.05E-08	3.67E+00	1.66E-01	2.95E-04	9.37E-03	2.41E-02	4.50E-01	4.20E+00	5.46E-01	4.12E-07	1.88E-08	5.20E-04	2.62E-04	1.17E+00	5.03E-02	4.57E+00	2.51E-05	4.57E+00	4.81E+00	3.78E-01	0.00E+00	0.00E+00	3.90E-10	8.74E-01
WH36585603C	2.64E-03	2.20E-01	2.15E-02	1.89E-01	3.89E-05	0.00E+00	2.67E+02	2.82E-05	1.42E-04	1.60E-03	1.84E-04	1.54E+00	1.36E-07	4.05E-08	3.66E+00	1.64E-01	2.95E-04	1.20E-02	2.48E-02	6.84E-01	4.31E+00	5.46E-01	3.38E-07	3.82E-08	5.17E-04	6.02E-04	1.36E+00	5.24E-02	4.65E+00	2.56E-05	4.65E+00	4.87E+00	6.24E-01	0.00E+00	0.00E+00	3.90E-10	8.76E-01
WH36585603Q	2.64E-03	2.20E-01	2.43E-02	1.89E-01	5.54E-05	0.00E+00	2.63E+02	2.84E-05	1.42E-04	1.60E-03	1.84E-04	1.52E+00	1.34E-07	4.11E-08	3.68E+00	2.00E-01	2.95E-04	9.37E-03	2.40E-02	6.93E-01	4.20E+00	5.46E-01	4.12E-07	1.88E-08	5.20E-04	3.46E-04	1.20E+00	5.03E-02	4.57E+00	2.51E-05	4.57E+00	4.81E+00	3.78E-01	0.00E+00	0.00E+00	3.90E-10	8.73E-01
WH36585605A	2.64E-03	2.20E-01	1.98E-02	1.89E-01	3.80E-05	0.00E+00	2.66E+02	2.82E-05	1.42E-04	1.60E-03	1.84E-04	1.52E+00	1.36E-07	4.05E-08	3.67E+00	1.66E-01	2.95E-04	9.37E-03	2.41E-02	4.50E-01	4.20E+00	5.46E-01	4.12E-07	1.88E-08	5.20E-04	2.62E-04	1.17E+00	5.03E-02	4.57E+00	2.51E-05	4.57E+00	4.81E+00	3.78E-01	0.00E+00	0.00E+00	3.90E-10	8.74E-01
WH36585605C	2.64E-03	2.20E-01	2.15E-02	1.89E-01	3.89E-05	0.00E+00	2.67E+02	2.82E-05	1.42E-04	1.60E-03	1.84E-04	1.54E+00	1.36E-07	4.05E-08	3.66E+00	1.64E-01	2.95E-04	1.20E-02	2.48E-02	6.84E-01	4.31E+00	5.46E-01	3.38E-07	3.82E-08	5.17E-04	6.02E-04	1.36E+00	5.24E-02	4.65E+00	2.56E-05	4.65E+00	4.87E+00	6.24E-01	0.00E+00	0.00E+00	3.90E-10	8.76E-01
WH36585605Q	2.64E-03	2.20E-01	2.43E-02	1.89E-01	6.72E-05	0.00E+00	2.63E+02	2.84E-05	1.42E-04	1.60E-03	1.84E-04	1.52E+00	1.34E-07	4.11E-08	3.68E+00	2.36E-01	2.95E-04	9.37E-03	2.40E-02	6.91E-01	4.20E+00	5.46E-01	4.12E-07	1.88E-08	5.20E-04	3.48E-04	1.20E+00	5.03E-02	4.57E+00	2.51E-05	4.57E+00	4.81E+00	3.78E-01	0.00E+00	0.00E+00	3.90E-10	8.73E-01
WH36585649A	2.64E-03	2.20E-01	1.98E-02	1.89E-01	3.80E-05	0.00E+00	2.66E+02	2.82E-05	1.42E-04	1.60E-03	1.84E-04	1.52E+00	1.36E-07	4.05E-08	3.67E+00	1.66E-01	2.95E-04	9.37E-03	2.41E-02	4.50E-01	4.20E+00	5.46E-01	4.12E-07	1.88E-08	5.20E-04	2.62E-04	1.17E+00	5.03E-02	4.57E+00	2.51E-05	4.57E+00	4.81E+00	3.78E-01	0.00E+00	0.00E+00	3.90E-10	8.74E-01
WH36585649C	2.64E-03	2.20E-01	2.15E-02	1.89E-01	3.89E-05	0.00E+00	2.67E+02	2.82E-05	1.42E-04	1.60E-03	1.84E-04	1.54E+00	1.36E-07	4.05E-08	3.66E+00	1.64E-01	2.95E-04	1.20E-02	2.48E-02	6.84E-01	4.31E+00	5.46E-01	3.38E-07	3.82E-08	5.17E-04	6.02E-04	1.36E+00	5.24E-02	4.65E+00	2.56E-05	4.65E+00	4.87E+00	6.24E-01	0.00E+00	0.00E+00	3.90E-10	8.76E-01
WH36585649Q	2.64E-03	2.20E-01	2.43E-02	1.89E-01	5.54E-05	0.00E+00	2.63E+02	2.84E-05	1.42E-04	1.60E-03	1.84E-04	1.52E+00	1.34E-07	4.11E-08	3.68E+00	2.00E-01	2.95E-04	9.37E-03	2.40E-02	6.93E-01	4.20E+00	5.46E-01	4.12E-07	1.88E-08	5.20E-04	3.46E-04	1.20E+00	5.03E-02	4.57E+00	2.51E-05	4.57E+00	4.81E+00	3.78E-01	0.00E+00	0.00E+00	3.90E-10	8.73E-01
WH36586300A	6.59E-03	9.72E-01	-2.46E-04	9.93E-01	6.16E-05	0.00E+00	3.72E+02	3.02E-05	7.10E-04	7.91E-03	1.01E-03	2.19E+00	1.27E-08	4.82E-08	4.27E+00	2.47E-01	1.37E-03	7.08E-03	1.10E-02	9.49E-01	1.70E+01	2.80E+00	4.10E-08	4.75E-08	2.84E-03	3.95E-04	1.17E+00	2.57E-01	1.98E+01	3.11E-05	1.97E+01	2.13E+01	1.70E+00	0.00E+00	0.00E+00	3.90E-10	4.19E-01
WH36586300C	7.20E-03	1.04E+00	4.98E-03	1.05E+00	6.15E-05	0.00E+00	3.73E+02	2.85E-05	7.45E-04	8.25E-03	1.01E-03	2.20E+00	1.30E-08	4.85E-08	4.28E+00	2.47E-01	1.37E-03	1.20E-02	1.18E-02	1.12E+00	1.90E+01	2.87E+00	1.05E-07	5.99E-08	2.91E-03	7.42E-04	1.48E+00	2.58E-01	2.20E+01	3.11E-05	2.20E+01	2.39E+01	2.06E+00	0.00E+00	0.00E+00	3.90E-10	4.35E-01
WH36586300Q	9.75E-03	1.37E+00	-4.71E-03	1.35E+00	1.06E-04	0.00E+00	4.36E+02	3.32E-05	1.01E-03	1.16E-02	1.79E-03	2.56E+00	4.35E-08	5.45E-08	5.15E+00	3.81E-01	2.40E-03	8.80E-03	1.63E-02	1.17E+00	2.16E+01	6.56E+00	6.20E-08	7.30E-08	4.44E-03	6.01E-04	1.79E+00	5.68E-01	2.99E+01	3.85E-05	2.99E+01	3.25E+01	2.13E+00	0.00E+00	0.00E+00	3.90E-10	6.71E-01
WH36586303A	5.84E-03	9.49E-01	-5.65E-04	9.50E-01	5.83E-05	0.00E+00	2.72E+02	1.86E-05	6.90E-04	7.36E-03	1.01E-03	1.06E+00	1.03E-08	4.48E-08	3.51E+00	2.05E-01	1.37E-03	4.40E-03	1.05E-02	9.24E-01	1.49E+01	2.83E+00	3.40E-08	4.30E-08	2.49E-03	3.95E-04	1.10E+00	2.48E-01	1.77E+01	1.81E-05	1.76E+01	1.93E+01	1.46E+00	0.00E+00	0.00E+00	3.90E-10	3.82E-01
WH36586303C	6.60E-03	1.07E+00	4.81E-03	1.06E+00	5.82E-05	0.00E+00	2.74E+02	1.91E-05	7.43E-04	7.85E-03	1.01E-03	1.06E+00	1.05E-08	4.50E-08	3.50E+00	2.07E-01	1.37E-03	1.07E-02	1.16E-02	1.12E+00	1.76E+01	2.89E+00	9.84E-08	5.76E-08	2.69E-03	7.40E-04	1.39E+00	2.44E-01	2.08E+01	1.77E-05	2.08E+01	2.25E+01	1.74E+00	0.00E+00	0.00E+00	3.90E-10	4.09E-01
WH36586303Q	8.51E-03	1.29E+00	1.88E-03	1.25E+00	1.07E-04	0.00E+00	3.97E+02	2.06E-05	9.92E-04	1.10E-02	1.68E-03	2.36E+00	4.21E-08	5.30E-08	4.90E+00	3.57E-01	2.28E-03	5.24E-03	1.65E-02	1.18E+00	2.06E+01	6.65E+00	5.52E-08	6.89E-08	3.80E-03	5.93E-04	1.73E+00	2.55E-01	2.65E+01	2.19E-05	2.64E+01	2.81E+01	2.02E+00	0.00E+00	0.00E+00	3.90E-10	6.50E-01
WH36586305A	5.84E-03	9.49E-01	-4.28E-04	9.50E-01	5.83E-05	0.00E+00	2.72E+02	1.86E-05	6.90E-04	7.36E-03	1.01E-03	1.06E+00	1.03E-08	4.48E-08	3.51E+00	2.05E-01	1.37E-03	4.41E-03	1.06E-02	9.55E-01	1.49E+01	2.83E+00	3.40E-08	4.29E-08	2.49E-03	3.95E-04	1.10E+00	2.48E-01	1.77E+01	1.81E-05	1.76E+01	1.93E+01	1.46E+00	0.00E+00	0.00E+00	3.90E-10	3.82E-01
WH36586305C	6.60E-03	1.07E+00	4.90E-03	1.06E+00	5.82E-05	0.00E+00	2.74E+02	1.91E-05	7.43E-04	7.85E-03	1.01E-03	1.06E+00	1.05E-08	4.50E-08	3.50E+00	2.07E-01	1.37E-03	1.07E-02	1.16E-02	1.12E+00	1.76E+01	2.89E+00	9.84E-08	5.74E-08	2.69E-03	7.40E-04	1.39E+00	2.44E-01	2.08E+01	1.77E-05	2.08E+01	2.25E+01	1.74E+00	0.00E+00	0.00E+00	3.90E-10	4.09E-01
WH36586305Q	9.59E-03	1.36E+00	-4.59E-03	1.35E+00	1.06E-04	0.00E+00	3.91E+02	2.11E-05	1.02E-03	1.16E-02	1.79E-03	2.38E+00	4.54E-08	5.37E-08	5.02E+00	3.67E-01	2.40E-03	6.35E-03	1.62E-02	1.18E+00	2.11E+01	6.66E+00	5.82E-08	6.83E-08	4.14E-03	6.02E-04	1.69E+00	5.68E-01	2.94E+01	2.31E-05	2.93E+01	3.17E+01	2.04E+00	0.00E+00	0.00E+00	3.90E-10	6.38E-01
WH36586349A	5.84E-03	9.49E-01	-5.65E-04	9.50E-01	5.83E-05	0.00E+00	2.72E+02	1.86E-05	6.90E-04	7.36E-03	1.01E-03	1.06E+00	1.03E-08	4.48E-08	3.51E+00	2.05E-01	1.37E-03	4.40E-03	1.05E-02	9.24E-01	1.49E+01	2.83E+00	3.40E-08	4.30E-08	2.49E-03	3.95E-04	1.10E+00	2.48E-01	1.77E+01	1.81E-05	1.76E+01	1.93E+01	1.46E+00	0.00E+00	0.00E+00	3.90E-10	3.82E-01
WH36586349C	6.60E-03	1.07E+00	4.81E-03	1.06E+00	5.82E-05	0.00E+00	2.74E+02	1.91E-05	7.43E-04	7.85E-03	1.01E-03	1.06E+00	1.05E-08	4.50E-08	3.50E+00	2.07E-01	1.37E-03	1.07E-02	1.16E-02	1.12E+00	1.76E+01	2.89E+00	9.84E-08	5.76E-08	2.69E-03	7.40E-04	1.39E+00	2.44E-01	2.08E+01	1.77E-05	2.08E+01	2.25E+01	1.74E+00	0.00E+00	0.00E+00	3.90E-10	4.09E-01
WH36586349Q	8.51E-03	1.29E+00	1.88E-03	1.25E+00	1.07E-04	0.00E+00	3.97E+02	2.06E-05	9.92E-04	1.10E-02	1.68E-03	2.36E+00	4.21E-08	5.30E-08	4.90E+00	3.57E-01	2.28E-03	5.24E-03	1.65E-02	1.18E+00	2.06E+01	6.65E+00	5.52E-08	6.89E-08	3.80E-03	5.93E-04	1.73E+00	2.55E-01	2.65E+01	2.19E-05	2.64E+01	2.81E+01	2.02E+00	0.00E+00	0.00E+00	3.90E-10	6.50E-01
WH36586400A	6.66E-03	1.02E+00	-2.25E-04	1.02E+00	6.18E-05	0.00E+00	3.70E+02	3.01E-05	7.04E-04	7.88E-03	1.05E-03	2.24E+00	1.28E-08	4.86E-08	4.27E+00	2.48E-01	1.42E-03	7.07E-03	1.18E-02	9.56E-01	1.69E+01	3.13E+00	4.29E-08	4.98E-08	2.92E-03	3.95E-04	1.17E+00	2.57E-01	1.98E+01	3.14E-05	1.98E+01	2.14E+01	1.71E+00	0.00E+00	0.00E+00	3.90E-10	4.25E-01
WH36586405A	6.08E-03	9.54E-01	-7.80E-04	9.61E-01	6.04E-05	0.00E+00	2.72E+02	1.76E-05	6.77E-04	7.36E-03	1.06E-03	1.29E+00	1.03E-08	3.89E-08	3.54E+00	1.69E-01	1.42E-03	4.82E-03	1.04E-02	8.44E-01	1.47E+01	3.11E+00	4.03E-08	4.37E-08	2.55E-03	3.65E-04	7.81E-01	2.48E-01	1.76E+01	2.00E-05	1.76E+01	1.93E+01	1.42E+00	0.00E+00	0.00E+00	3.90E-10	4.04E-01
WH36586405C	6.71E-03	1.10E+00	5.04E-03	1.07E+00	5.84E-05	0.00E+00	2.74E+02	1.90E-05	7.57E-04	8.24E-03	1.05E-03	1.08E+00	1.05E-08	4.56E-08	3.56E+00	2.09E-01	1.42E-03	1.08E-02	1.25E-02	1.12E+00	1.76E+01	3.11E+00	9.96E-08	5.96E-08	2.77E-03	7.40E-04	1.38E+00	2.44E-01	2.09E+01	1.77E-05	2.09E+01	2.27E+01	1.71E+00	0.00E+00	0.00E+00	3.90E-10	4.16E-01
WH36586405Q	8.53E-03	1.25E+00	1.62E-03	1.20E+00	1.07E-04	0.00E+00	3.91E+02	1.95E-05	9.86E-04	1.10E-02	1.68E-03	2.39E+00	4.16E-08	5.10E-08	4.88E+00	3.28E-01	2.28E-03	5.62E-03	1.70E-02	9.75E-01	2.03E+01	6.54E+00	6.20E-08	6.40E-08	3.71E-03	5.53E-04	1.58E+00	2.54E-01	2.61E+01	2.45E-05	2.61E+01	2.79E+01	2.06E+00	0.00E+00	0.00E+00	3.90E-10	6.51E-01
WH36587600A	2.12E-03	1.84E-01	2.61E-03	1.77E-01	3.57E-06	0.00E+00	3.48E+02	3.14E-05	1.18E-04	1.44E-03	1.88E-04	2.12E+00	7.51E-09	4.04E-08	4.71E+00	9.11E-02	2.87E-04	4.29E-03	5.55E-03	1.20E-01	3.35E+00	6.19E-01	1.29E-07	1.77E-08	4.18E-04	7.27E-05	4.96E-01	6.29E-02	3.60E+00	2.99E-05	3.60E+00	3.84E+00	2.92E-01	0.00E+00	0.00E+00	3.90E-10	2.39E-01
WH36587600C	2.12E-03	1.84E-01	3.73E-03	1.77E-01	3.70E-06	0.00E+00	3.57E+02	3.09E-05	1.18E-04	1.44E-03	1.88E-04	2.14E+00	7.65E-09	4.05E-08	4.70E+00	9.25E-02	2.87E-04	7.77E-03	5.74E-03	1.69E-01	3.47E+00	6.18E-01	1.21E-07	3.62E-08	4.14E-04	1.01E-04	7.39E-01	6.49E-02	3.61E+00	3.03E-05	3.61E+00	3.85E+00	6.75E-01	0.00E+00	0.00E+00	3.90E-10	2.40E-01
WH36587600Q	2.39E-03	1.87E-01	1.55E-02	1.80E-01	4.21E-05	0.00E+00	3.53E+02	3.11E-05	1.26E-04	1.54E-03	1.88E-04	2.13E+00	7.55E-09	4.20E-08	4.80E+00	1.62E-01	2.87E-04	4.39E-03	5.67E-03	5.66E-01	3.44E+00	6.19E-01	1.30E-07	1.92E-08	4.23E-04	3.21E-04	9.82E-01	6.56E-02	3.69E+00	3.03E-05	3.69E+00	4.00E+00	3.06E-01	0.00E+00	0.00E+00	3.90E-10	2.39E-01
WH36587603A	2.08E-03	1.82E-01	2.56E-03	1.73E-01	3.36E-06	0.00E+00	2.50E+02	1.50E-05	1.15E-04	1.29E-03	1.86E-04	9.38E-01	6.87E-09	3.31E-08	3.88E+00	8.08E-02	2.86E-04	1.93E-03	5.21E-03	1.07E-01	3.32E+00	6.26E-01	1.05E-07	1.59E-08	4.21E-04	4.43E-05	4.45E-01	5.86E-02	3.56E+00	1.64E-05	3.56E+00	3.80E+00	2.25E-01	0.00E+00	0.00E+00	3.90E-10	2.29E-01
WH36587603C	2.08E-03	1.82E-01	3.64E-03	1.73E-01	3.48E-06	0.00E+00	2.61E+02	1.51E-05	1.15E-04	1.29E-03	1.86E-04	1.00E+00	6.98E-09	3.32E-08	3.87E+00	8.35E-02	2.86E-04	6.12E-03	5.36E-03	1.67E-01	3.46E+00	6.25E-01	1.01E-07	3.58E-08	4.17E-04	7.66E-05	6.77E-01	6.08E-02	3.58E+00	1.76E-05	3.58E+00	3.82E+00	4.61E-01	0.00E+00	0.00E+00	3.90E-10	2.31E-01
WH36587603Q	2.36E-03	1.84E-01	1.52E-02	1.76E-01	3.04E-05	0.00E+00	2.55E+02	1.51E-05	1.22E-04	1.37E-03	1.86E-04	1.02E+00	6.87E-09	3.39E-08	3.92E+00	1.31E-01	2.86E-04	2.00E-03	5.32E-03	5.65E-01	3.41E+00	6.26E-01	1.07E-07	1.69E-08	4.26E-04	3.21E-04	9.06E-01	6.41E-02	3.66E+00	1.69E-05	3.66E+00	3.97E+00	2.37E-01	0.00E+00	0.00E+00	3.90E-10	2.28E-01
WH36587605A	2.08E-03	1.82E-01	2.56E-03	1.73E-01	3.36E-06	0.00E+00	2.50E+02	1.50E-05	1.15E-04	1.29E-03	1.86E-04	9.38E-01	6.87E-09	3.31E-08	3.88E+00	8.08E-02	2.86E-04	1.93E-03	5.21E-03	1.07E-01	3.32E+00	6.26E-01	1.05E-07	1.59E-08	4.21E-04	4.43E-05	4.45E-01	5.86E-02	3.56E+00	1.64E-05	3.56E+00	3.80E+00	2.25E-01	0.00E+00	0.00E+00	3.90E-10	2.29E-01
WH36587605C	2.08E-03	1.82E-01	3.64E-03	1.73E-01	3.48E-06	0.00E+00	2.61E+02	1.51E-05	1.15E-04	1.29E-03	1.86E-04	1.00E+00	6.98E-09	3.32E-08	3.87E+00	8.35E-02	2.86E-04	6.12E-03	5.36E-03	1.67E-01	3.46E+00	6.25E-01	1.01E-07	3.58E-08	4.17E-04	7.66E-05	6.77E-01	6.08E-02	3.58E+00	1.76E-05	3.58E+00	3.82E+00	4.61E-01	0.00E+00	0.00E+00	3.90E-10	2.31E-01
WH36587605Q	2.36E-03	1.84E-01	1.54E-02	1.76E-01	3.04E-05	0.00E+00	2.55E+02	1.51E-05	1.22E-04	1.37E-03	1.86E-04	1.02E+00	7.03E-09	3.39E-08	3.92E+00	1.31E-01	2.86E-04	2.00E-03	5.32E-03	5.65E-01	3.41E+00	6.26E-01	1.07E-07	1.69E-08	4.26E-04	3.21E-04	9.06E-01	6.41E-02	3.66E+00	1.69E-05	3.66E+00	3.97E+00	2.37E-01	0.00E+00	0.00E+00	3.90E-10	2.28E-01
WH36587649Q	1.08E-02	1.45E+00	-1.82E-01	1.51E+00	5.98E-05	0.00E+00	3.56E+03	2.68E-05	1.06E-03	1.19E-02	2.45E-03	2.81E+00	3.23E-08	5.98E-08	5.44E+00	2.53E-01	3.37E-03	8.48E-03	1.70E-02	9.58E-01	2.29E+01	6.41E+00	1.41E-07	7.80E-08	4.48E-03	5.58E-04	1.40E+00	2.33E+00	4.02E+01	5.72E-05	3.95E+01	4.29E+01	2.72E+00	0.00E+00	0.00E+00	3.90E-10	7.25E-01
WH36592200A	2.69E-03	2.29E-01	2.30E-02	1.96E-01	3.91E-05	0.00E+00	2.73E+02	4.60E-05	1.49E-04	1.80E-03	1.86E-04	2.04E+00	1.51E-07	4.25E-08	4.53E+00	1.86E-01	2.95E-04	1.17E-02	3.17E-02	5.86E-01	4.32E+00	5.43E-01	4.39E-07	2.92E-08	5.19E-04	3.29E-04	1.32E+00	5.58E-02	4.70E+00	3.60E-05	4.70E+00	5.01E+00	4.41E-01	0.00E+00	0.00E+00	3.90E-10	1.15E+00
WH36592200C	6.32E-03	8.49E-01	2.48E-02	8.75E-01	3.98E-05	0.00E+00	2.94E+02	3.71E-05	6.99E-04	7.59E-03	8.69E-04	2.33E+00	1.54E-07	4.18E-08	4.47E+00	1.84E-01	1.18E-03	1.51E-02	3.52E-02	1.06E+00	1.78E+01	2.52E+00	1.25E-07	5.41E-08	2.46E-03	7.16E-04	1.76E+00	1.89E-01	2.14E+01	3.89E-05	2.14E+01	2.33E+01	1.98E+00	0.00E+00	0.00E+00	3.90E-10	1.40E+00
WH36592200Q	9.84E-03	1.59E+00	3.55E-02	1.51E+00	1.05E-04	0.00E+00	3.93E+02	3.79E-05	1.00E-03	1.25E-02	2.01E-03	2.92E+00	1.46E-07	6.03E-08	6.49E+00	3.65E-01	2.70E-03	1.55E-02	4.00E-02	1.07E+00	2.51E+01	5.94E+00	1.27E-07	8.93E-08	4.45E-03	5.92E-04	2.19E+00	2.23E-01	3.31E+01	4.71E-05	3.36E+01	3.64E+01	2.79E+00	0.00E+00	0.00E+00	3.90E-10	1.55E+00
WH36592203A	2.64E-03	2.20E-01	1.96E-02	1.89E-01	3.75E-05	0.00E+00	2.66E+02	2.87E-05	1.42E-04	1.60E-03	1.84E-04	1.64E+00	1.41E-07	4.05E-08	3.67E+00	1.66E-01	2.95E-04	9.09E-03	2.74E-02	4.50E-01	4.28E+00	5.46E-01	4.12E-07	2.86E-08	5.20E-04	2.60E-04	1.21E+00	5.26E-02	4.66E+00	2.60E-05	4.66E+00	4.96E+00	3.78E-01	0.00E+00	0.00E+00	3.90E-10	1.05E+00
WH36592203C	6.26E-03	8.32E-01	2.21E-02	8.60E-01	3.79E-05	0.00E+00	2.92E+02	2.95E-05	6.96E-04	7.56E-03	8.69E-04	1.88E+00	1.43E-07	4.13E-08	3.76E+00	1.79E-01	1.18E-03	1.36E-02	2.89E-02	9.47E-01	1.68E+01	2.55E+00	1.23E-07	5.38E-08	2.48E-03	6.14E-04	1.62E+00	1.57E-01	2.01E+01	3.29E-05	2.01E+01	2.19E+01	1.59E+00	0.00E+00	0.00E+00	3.90E-10	1.27E+00
WH36592203Q	9.94E-03	1.60E+00	3.47E-02	1.53E+00	8.19E-05	0.00E+00	3.82E+02	3.10E-05	1.00E-03	1.24E-02	2.01E-03	2.83E+00	1.40E-07	5.97E-08	6.38E+00	3.14E-01	2.70E-03	1.41E-02	3.42E-02	1.06E+00	2.52E+01	6.03E+00	1.27E-07	8.70E-08	4.49E-03	5.85E-04	2.12E+00	2.08E-01	3.32E+01	4.18E-05	3.36E+01	3.62E+01	2.70E+00	0.00E+00	0.00E+00	3.90E-10	1.39E+00
WH36592205A	2.64E-03	2.20E-01	1.96E-02	1.89E-01	3.75E-05	0.00E+00	2.66E+02	2.87E-05	1.42E-04	1.60E-03	1.84E-04	1.64E+00	1.41E-07	4.05E-08	3.67E+00	1.66E-01	2.95E-04	9.09E-03	2.74E-02	4.50E-01	4.28E+00	5.46E-01	4.12E-07	2.86E-08	5.20E-04	2.60E-04	1.21E+00	5.26E-02	4.66E+00	2.60E-05	4.66E+00	4.96E+00	3.78E-01	0.00E+00	0.00E+00	3.90E-10	1.05E+00
WH36592205C	2.64E-03	2.20E-01	2.13E-02	1.89E-01	3.83E-05	0.00E+00	2.67E+02	2.87E-05	1.42E-04	1.60E-03	1.84E-04	1.66E+00	1.41E-07	4.05E-08	3.66E+00	1.64E-01	2.95E-04	1.18E-02	2.81E-02	6.84E-01	4.39E+00	5.46E-01	3.38E-07	3.82E-08	5.17E-04	6.02E-04	1.35E+00	5.48E-02	4.74E+00	2.65E-05	4.74E+00	5.02E+00	6.24E-01	0.00E+00	0.00E+00	3.90E-10	1.05E+00
WH36592205Q	2.64E-03	2.20E-01	2.40E-02	1.89E-01	6.41E-05	0.00E+00	2.63E+02	2.88E-05	1.42E-04	1.60E-03	1.84E-04	1.64E+00	1.39E-07	4.11E-08	3.68E+00	2.37E-01	2.95E-04	9.09E-03	2.73E-02	6.88E-01	4.28E+00	5.46E-01	4.12E-07	2.86E-08	5.20E-04	3.42E-04	1.23E+00	5.26E-02	4.66E+00	2.61E-05	4.66E+00	4.96E+00	3.78E-01	0.00E+00	0.00E+00	3.90E-10	1.04E+00
WH36592249A	2.64E-03	2.20E-01	1.96E-02	1.89E-01	3.75E-05	0.00E+00	2.66E+02	2.87E-05	1.42E-04	1.60E-03	1.84E-04	1.64E+00	1.41E-07	4.05E-08	3.67E+00	1.66E-01	2.95E-04	9.09E-03	2.74E-02	4.50E-01	4.28E+00	5.46E-01	4.12E-07	2.86E-08	5.20E-04	2.60E-04	1.21E+00	5.26E-02	4.66E+00	2.60E-05	4.66E+00	4.96E+00	3.78E-01	0.00E+00	0.00E+00	3.90E-10	1.05E+00
WH36592249C	2.64E-03	2.20E-01	2.13E-02	1.89E-01	3.83E-05	0.00E+00	2.67E+02	2.87E-05	1.42E-04	1.60E-03	1.84E-04	1.66E+00	1.41E-07	4.05E-08	3.66E+00	1.64E-01	2.95E-04	1.18E-02	2.81E-02	6.84E-01	4.39E+00	5.46E-01	3.38E-07	3.82E-08	5.17E-04	6.02E-04	1.35E+00	5.48E-02	4.74E+00	2.65E-05	4.74E+00	5.02E+00	6.24E-01	0.00E+00	0.00E+00	3.90E-10	1.05E+00
WH36592249Q	2.64E-03	2.20E-01	2.40E-02	1.89E-01	5.31E-05	0.00E+00	2.63E+02	2.88E-05	1.42E-04	1.60E-03	1.84E-04	1.64E+00	1.39E-07	4.11E-08	3.68E+00	2.01E-01	2.95E-04	9.09E-03	2.73E-02	6.89E-01	4.28E+00	5.46E-01	4.12E-07	2.86E-08	5.20E-04	3.40E-04	1.23E+00	5.26E-02	4.66E+00	2.61E-05	4.66E+00	4.96E+00	3.78E-01	0.00E+00	0.00E+00	3.90E-10	1.04E+00
WH36593200A	5.65E-03	7.10E-01	-3.36E-02	7.72E-01	4.29E-05	0.00E+00	5.33E+02	3.74E-05	5.81E-04	6.29E-03	7.85E-04	1.82E+00	1.83E-08	4.59E-08	4.95E+00	2.38E-01	1.14E-03	1.05E-02	1.22E-02	7.56E-01	1.52E+01	2.43E+00	8.01E-08	3.87E-08	2.05E-03	3.17E-04	1.29E+00	1.47E+00	1.83E+01	5.51E-05	1.82E+01	2.01E+01	1.44E+00	0.00E+00	0.00E+00	3.90E-10	6.09E-01
WH36593200C	8.95E-03	1.24E+00	-1.77E-01	1.25E+00	4.51E-05	0.00E+00	3.36E+03	3.81E-05	9.71E-04	1.09E-02	1.68E-03	2.74E+00	2.88E-08	6.83E-08	7.29E+00	2.59E-01	2.28E-03	1.45E-02	1.72E-02	1.18E+00	2.11E+01	5.56E+00	1.27E-07	7.80E-08	3.91E-03	7.23E-04	1.54E+00	2.42E+00	2.61E+01	5.63E-05	2.62E+01	2.84E+01	2.63E+00	0.00E+00	0.00E+00	3.90E-10	6.97E-01
WH36593200Q	1.07E-02	1.57E+00	-3.11E-02	1.64E+00	1.20E-04	0.00E+00	5.06E+02	4.17E-05	1.10E-03	1.27E-02	2.46E-03	2.66E+00	4.82E-08	7.10E-08	7.87E+00	4.17E-01	3.37E-03	1.41E-02	1.73E-02	1.14E+00	2.50E+01	7.79E+00	9.38E-08	7.97E-08	4.41E-03	5.85E-04	2.03E+00	1.57E+00	3.98E+01	5.71E-05	3.95E+01	4.37E+01	3.00E+00	0.00E+00	0.00E+00	3.90E-10	7.37E-01
WH36593203A	5.51E-03	7.08E-01	-3.36E-02	7.72E-01	4.20E-05	0.00E+00	4.71E+02	2.57E-05	5.79E-04	6.34E-03	7.85E-04	1.62E+00	1.75E-08	4.47E-08	4.67E+00	2.24E-01	1.14E-03	8.83E-03	1.21E-02	7.51E-01	1.48E+01	2.47E+00	7.79E-08	3.88E-08	2.04E-03	3.17E-04	1.22E+00	1.47E+00	1.80E+01	5.50E-05	1.79E+01	1.98E+01	1.36E+00	0.00E+00	0.00E+00	3.90E-10	5.85E-01
WH36593203C	8.90E-03	1.24E+00	-1.77E-01	1.24E+00	4.35E-05	0.00E+00	3.35E+03	2.73E-05	9.70E-04	1.09E-02	1.68E-03	2.69E+00	2.90E-08	6.66E-08	7.11E+00	2.48E-01	2.28E-03	1.33E-02	1.73E-02	1.17E+00	2.07E+01	5.60E+00	1.24E-07	7.21E-08	3.84E-03	7.21E-04	1.51E+00	2.42E+00	2.59E+01	5.67E-05	2.61E+01	2.81E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	6.78E-01
WH36593203Q	1.07E-02	1.58E+00	-3.09E-02	1.64E+00	1.18E-04	0.00E+00	4.68E+02	2.93E-05	1.09E-03	1.27E-02	2.46E-03	2.64E+00	5.07E-08	7.12E-08	7.74E+00	4.02E-01	3.37E-03	1.22E-02	1.75E-02	1.12E+00	2.48E+01	7.69E+00	9.79E-08	7.69E-08	4.38E-03	5.86E-04	1.99E+00	1.57E+00	3.96E+01	5.79E-05	3.92E+01	4.35E+01	2.94E+00	0.00E+00	0.00E+00	3.90E-10	7.18E-01
WH36593205A	5.51E-03	7.08E-01	-3.36E-02	7.72E-01	4.20E-05	0.00E+00	4.71E+02	2.57E-05	5.79E-04	6.34E-03	7.85E-04	1.62E+00	1.75E-08	4.47E-08	4.67E+00	2.24E-01	1.14E-03	8.83E-03	1.21E-02	7.51E-01	1.48E+01	2.47E+00	7.79E-08	3.88E-08	2.04E-03	3.17E-04	1.22E+00	1.47E+00	1.80E+01	5.50E-05	1.79E+01	1.98E+01	1.36E+00	0.00E+00	0.00E+00	3.90E-10	5.85E-01
WH36593205C	8.90E-03	1.24E+00	-1.77E-01	1.24E+00	4.35E-05	0.00E+00	3.35E+03	2.73E-05	9.70E-04	1.09E-02	1.68E-03	2.69E+00	2.90E-08	6.66E-08	7.11E+00	2.48E-01	2.28E-03	1.33E-02	1.73E-02	1.17E+00	2.07E+01	5.60E+00	1.24E-07	7.21E-08	3.84E-03	7.21E-04	1.51E+00	2.42E+00	2.59E+01	5.67E-05	2.61E+01	2.81E+01	2.54E+00	0.00E+00	0.00E+00	3.90E-10	6.78E-01
WH36593205Q	1.07E-02	1.58E+00	-3.09E-02	1.65E+00	1.18E-04	0.00E+00	4.68E+02	2.93E-05	1.09E-03	1.27E-02	2.46E-03	2.64E+00	5.07E-08	7.12E-08	7.74E+00	4.04E-01	3.37E-03	1.22E-02	1.75E-02	1.12E+00	2.47E+01	7.77E+00	9.79E-08	7.67E-08	4.37E-03	5.86E-04	1.98E+00	1.57E+00	3.97E+01	5.79E-05	3.93E+01	4.34E+01	2.94E+00	0.00E+00	0.00E+00	3.90E-10	7.18E-01
WH36593249A	5.51E-03	7.08E-01	-3.36E-02	7.72E-01	4.20E-05	0.00E+00	4.71E+02	2.57E-05	5.79E-04	6.34E-03	7.85E-04	1.62E+00	1.75E-08	4.47E-08	4.67E+00	2.24E-01	1.14E-03	8.83E-03	1.21E-02	7.51E-01	1.48E+01	2.47E+00	7.79E-08	3.88E-08	2.04E-03	3.17E-04	1.22E+00	1.47E+00	1.80E+01	5.50E-05	1.79E+01	1.98E+01	1.36E+00	0.00E+00	0.00E+00	3.90E-10	5.85E-01
WH36593249Q	1.07E-02	1.58E+00	-3.09E-02	1.64E+00	1.18E-04	0.00E+00	4.68E+02	2.93E-05	1.09E-03	1.27E-02	2.46E-03	2.64E+00	5.07E-08	7.12E-08	7.74E+00	4.02E-01	3.37E-03	1.22E-02	1.75E-02	1.12E+00	2.48E+01	7.69E+00	9.79E-08	7.69E-08	4.38E-03	5.86E-04	1.99E+00	1.57E+00	3.96E+01	5.79E-05	3.92E+01	4.35E+01	2.94E+00	0.00E+00	0.00E+00	3.90E-10	7.18E-01
WH36593300A	6.97E-03	1.06E+00	2.05E-04	1.04E+00	6.00E-05	0.00E+00	4.74E+02	4.30E-05	6.98E-04	7.59E-03	1.09E-03	1.73E+00	1.14E-08	4.99E-08	5.01E+00	2.32E-01	1.47E-03	9.06E-03	1.15E-02	1.03E+00	1.63E+01	3.47E+00	4.18E-08	4.77E-08	2.63E-03	4.03E-04	1.22E+00	2.60E-01	1.88E+01	2.77E-05	1.88E+01	2.06E+01	1.63E+00	0.00E+00	0.00E+00	3.90E-10	4.24E-01
WH36593300C	7.72E-03	1.17E+00	5.45E-03	1.13E+00	6.00E-05	0.00E+00	4.75E+02	4.16E-05	7.68E-04	8.46E-03	1.09E-03	1.77E+00	1.18E-08	4.98E-08	5.01E+00	2.34E-01	1.47E-03	1.27E-02	1.23E-02	1.16E+00	1.88E+01	3.45E+00	1.07E-07	6.32E-08	2.83E-03	7.44E-04	1.59E+00	2.58E-01	2.22E+01	2.75E-05	2.23E+01	2.41E+01	2.09E+00	0.00E+00	0.00E+00	3.90E-10	4.40E-01
WH36593300Q	9.77E-03	1.40E+00	1.62E-03	1.38E+00	1.07E-04	0.00E+00	5.26E+02	4.77E-05	1.01E-03	1.18E-02	1.79E-03	2.66E+00	4.41E-08	7.64E-08	8.73E+00	3.83E-01	2.40E-03	1.13E-02	1.83E-02	1.16E+00	2.22E+01	6.55E+00	7.19E-08	7.37E-08	4.21E-03	6.04E-04	1.99E+00	2.61E-01	3.03E+01	3.14E-05	3.03E+01	3.32E+01	2.31E+00	0.00E+00	0.00E+00	3.90E-10	7.32E-01
WH36593303A	6.61E-03	1.05E+00	8.49E-05	1.04E+00	5.89E-05	0.00E+00	4.31E+02	2.73E-05	6.96E-04	7.53E-03	1.09E-03	1.37E+00	1.06E-08	4.98E-08	4.79E+00	2.14E-01	1.47E-03	7.45E-03	1.09E-02	1.04E+00	1.58E+01	3.47E+00	3.62E-08	4.54E-08	2.63E-03	4.03E-04	1.14E+00	2.52E-01	1.84E+01	2.14E-05	1.84E+01	2.00E+01	1.52E+00	0.00E+00	0.00E+00	3.90E-10	3.91E-01
WH36593303C	7.42E-03	1.16E+00	5.39E-03	1.13E+00	5.88E-05	0.00E+00	4.32E+02	2.75E-05	7.67E-04	8.47E-03	1.09E-03	1.37E+00	1.08E-08	4.97E-08	4.79E+00	2.17E-01	1.47E-03	1.17E-02	1.20E-02	1.16E+00	1.84E+01	3.44E+00	1.01E-07	6.15E-08	2.84E-03	7.43E-04	1.49E+00	2.48E-01	2.16E+01	2.10E-05	2.16E+01	2.33E+01	1.78E+00	0.00E+00	0.00E+00	3.90E-10	4.17E-01
WH36593305A	6.61E-03	1.05E+00	8.49E-05	1.04E+00	5.88E-05	0.00E+00	4.31E+02	2.73E-05	6.96E-04	7.53E-03	1.09E-03	1.37E+00	1.06E-08	4.98E-08	4.79E+00	2.14E-01	1.47E-03	7.52E-03	1.11E-02	1.04E+00	1.58E+01	3.47E+00	3.68E-08	4.54E-08	2.63E-03	4.03E-04	1.14E+00	2.52E-01	1.84E+01	2.14E-05	1.84E+01	2.00E+01	1.52E+00	0.00E+00	0.00E+00	3.90E-10	3.92E-01

WH36593305C	7.42E-03	1.16E+00	5.39E-03	1.13E+00	5.88E-05	0.00E+00	4.32E+02	2.75E-05	7.67E-04	8.47E-03	1.09E-03	1.37E+00	1.08E-08	4.97E-08	4.79E+00	2.17E-01	1.47E-03	1.17E-02	1.21E-02	1.16E+00	1.84E+01	3.44E+00	1.01E-07	6.15E-08	2.84E-03	7.43E-04	1.49E+00	2.48E-01	2.16E+01	2.10E-05	2.16E+01	2.33E+01	1.78E+00	0.00E+00	0.00E+00	3.90E-10	4.18E-01
WH36593305Q	9.74E-03	1.39E+00	1.77E-03	1.37E+00	1.07E-04	0.00E+00	4.93E+02	2.97E-05	1.02E-03	1.18E-02	1.79E-03	2.60E+00	4.62E-08	7.51E-08	8.53E+00	3.66E-01	2.40E-03	9.75E-03	1.84E-02	1.17E+00	2.17E+01	6.63E+00	6.76E-08	6.90E-08	4.17E-03	6.05E-04	1.97E+00	2.56E-01	3.00E+01	2.65E-05	2.99E+01	3.25E+01	2.19E+00	0.00E+00	0.00E+00	3.90E-10	7.15E-01
WH36593349C	7.42E-03	1.16E+00	5.39E-03	1.13E+00	5.88E-05	0.00E+00	4.32E+02	2.75E-05	7.67E-04	8.47E-03	1.09E-03	1.37E+00	1.08E-08	4.97E-08	4.79E+00	2.17E-01	1.47E-03	1.17E-02	1.20E-02	1.16E+00	1.84E+01	3.44E+00	1.01E-07	6.15E-08	2.84E-03	7.43E-04	1.49E+00	2.48E-01	2.16E+01	2.10E-05	2.16E+01	2.33E+01	1.78E+00	0.00E+00	0.00E+00	3.90E-10	4.17E-01
WH36594200A	2.12E-03	2.18E-01	2.44E-03	1.95E-01	1.16E-05	0.00E+00	2.65E+02	4.60E-05	1.37E-04	1.55E-03	1.83E-04	1.91E+00	1.27E-07	4.20E-08	4.53E+00	1.41E-01	2.94E-04	7.88E-03	2.92E-02	1.03E-01	3.77E+00	5.25E-01	2.01E-07	2.76E-08	5.10E-04	4.57E-05	7.39E-01	6.09E-02	4.04E+00	3.21E-05	4.04E+00	4.38E+00	3.12E-01	0.00E+00	0.00E+00	3.90E-10	1.06E+00
WH36594200C	2.12E-03	2.18E-01	3.59E-03	1.95E-01	1.12E-05	0.00E+00	2.73E+02	4.56E-05	1.37E-04	1.55E-03	1.83E-04	1.93E+00	1.30E-07	4.19E-08	4.51E+00	1.42E-01	2.94E-04	1.03E-02	3.13E-02	1.65E-01	3.89E+00	5.24E-01	1.71E-07	4.00E-08	5.06E-04	7.76E-05	8.49E-01	6.29E-02	4.05E+00	3.25E-05	4.05E+00	4.40E+00	6.95E-01	0.00E+00	0.00E+00	3.90E-10	1.06E+00
WH36594200Q	2.40E-03	2.27E-01	1.56E-02	2.00E-01	4.78E-05	0.00E+00	2.60E+02	4.62E-05	1.45E-04	1.64E-03	1.83E-04	2.01E+00	1.36E-07	4.33E-08	4.64E+00	2.05E-01	2.94E-04	8.55E-03	2.92E-02	5.95E-01	3.87E+00	5.25E-01	2.02E-07	2.81E-08	5.16E-04	3.33E-04	1.04E+00	6.36E-02	4.14E+00	3.24E-05	4.14E+00	4.55E+00	3.25E-01	0.00E+00	0.00E+00	3.90E-10	1.05E+00
WH36594203A	2.04E-03	2.12E-01	2.40E-03	1.88E-01	1.19E-05	0.00E+00	2.50E+02	2.63E-05	1.31E-04	1.35E-03	1.81E-04	1.55E+00	1.15E-07	4.05E-08	3.91E+00	1.31E-01	2.94E-04	5.72E-03	2.36E-02	1.01E-01	3.77E+00	5.26E-01	1.71E-07	2.73E-08	5.12E-04	4.33E-05	6.93E-01	5.43E-02	4.01E+00	2.27E-05	4.01E+00	4.35E+00	2.54E-01	0.00E+00	0.00E+00	3.90E-10	9.19E-01
WH36594203C	2.03E-03	2.12E-01	3.53E-03	1.88E-01	1.15E-05	0.00E+00	2.60E+02	2.64E-05	1.31E-04	1.35E-03	1.81E-04	1.57E+00	1.19E-07	4.04E-08	3.89E+00	1.32E-01	2.94E-04	8.49E-03	2.43E-02	1.63E-01	3.89E+00	5.26E-01	1.44E-07	3.94E-08	5.08E-04	7.61E-05	7.95E-01	5.64E-02	4.02E+00	2.33E-05	4.02E+00	4.37E+00	4.87E-01	0.00E+00	0.00E+00	3.90E-10	9.26E-01
WH36594203Q	2.34E-03	2.19E-01	1.53E-02	1.93E-01	3.80E-05	0.00E+00	2.46E+02	2.65E-05	1.39E-04	1.43E-03	1.81E-04	1.61E+00	1.24E-07	4.13E-08	3.96E+00	1.89E-01	2.94E-04	6.38E-03	2.36E-02	5.93E-01	3.86E+00	5.27E-01	1.73E-07	2.76E-08	5.19E-04	3.33E-04	9.66E-01	5.98E-02	4.11E+00	2.31E-05	4.11E+00	4.52E+00	2.64E-01	0.00E+00	0.00E+00	3.90E-10	9.16E-01
WH36594205A	2.04E-03	2.12E-01	2.40E-03	1.88E-01	1.19E-05	0.00E+00	2.50E+02	2.63E-05	1.31E-04	1.35E-03	1.81E-04	1.55E+00	1.15E-07	4.05E-08	3.91E+00	1.31E-01	2.94E-04	5.72E-03	2.36E-02	1.01E-01	3.77E+00	5.26E-01	1.71E-07	2.73E-08	5.12E-04	4.33E-05	6.93E-01	5.43E-02	4.01E+00	2.27E-05	4.01E+00	4.35E+00	2.54E-01	0.00E+00	0.00E+00	3.90E-10	9.19E-01
WH36594249Q	1.08E-02	1.66E+00	-1.70E-01	1.69E+00	6.79E-05	0.00E+00	3.35E+03	3.33E-05	1.05E-03	1.21E-02	2.44E-03	3.13E+00	2.40E-07	8.14E-08	7.61E+00	3.56E-01	3.37E-03	1.49E-02	3.31E-02	9.75E-01	2.63E+01	6.11E+00	1.61E-07	8.79E-08	4.63E-03	5.75E-04	1.72E+00	2.24E+00	3.72E+01	6.71E-05	3.67E+01	4.04E+01	2.92E+00	0.00E+00	0.00E+00	3.90E-10	1.42E+00
WH36595200A	6.04E-03	9.03E-01	-6.35E-03	9.09E-01	3.42E-05	0.00E+00	3.05E+02	3.47E-05	7.00E-04	7.56E-03	1.20E-03	2.80E+00	1.76E-07	3.43E-08	3.39E+00	1.73E-01	1.63E-03	1.36E-02	3.33E-02	5.53E-01	1.77E+01	2.59E+00	1.09E-07	7.43E-08	2.50E-03	2.48E-04	1.57E+00	3.91E-01	2.03E+01	3.97E-05	2.03E+01	2.22E+01	1.96E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
WH36595200C	8.55E-03	1.32E+00	5.36E-03	1.31E+00	3.42E-05	0.00E+00	3.07E+02	3.61E-05	9.27E-04	1.00E-02	1.40E-03	2.83E+00	1.76E-07	3.64E-08	3.55E+00	1.74E-01	1.89E-03	1.97E-02	3.51E-02	1.18E+00	2.35E+01	2.77E+00	1.60E-07	9.46E-08	3.34E-03	7.44E-04	1.82E+00	4.10E-01	2.62E+01	3.98E-05	2.62E+01	2.85E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
WH36595200Q	7.58E-03	1.33E+00	-1.43E-03	1.33E+00	9.66E-05	0.00E+00	3.09E+02	4.21E-05	9.85E-04	1.05E-02	1.99E-03	3.08E+00	2.20E-07	4.26E-08	4.14E+00	3.81E-01	2.69E-03	1.52E-02	3.63E-02	1.05E+00	2.40E+01	5.93E+00	1.18E-07	8.65E-08	3.48E-03	5.54E-04	2.09E+00	6.10E-01	2.99E+01	4.37E-05	2.99E+01	3.26E+01	2.70E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
WH36595203A	2.70E-03	2.29E-01	2.12E-02	1.96E-01	3.86E-05	0.00E+00	2.98E+02	4.61E-05	1.49E-04	1.80E-03	1.86E-04	2.18E+00	1.59E-07	4.94E-08	4.60E+00	2.11E-01	2.96E-04	1.18E-02	3.15E-02	4.53E-01	4.37E+00	5.35E-01	4.39E-07	2.98E-08	5.19E-04	2.71E-04	1.34E+00	5.73E-02	4.71E+00	4.02E-05	4.71E+00	5.02E+00	4.42E-01	0.00E+00	0.00E+00	3.90E-10	1.15E+00
WH36595203C	2.70E-03	2.30E-01	2.29E-02	1.96E-01	3.94E-05	0.00E+00	2.99E+02	4.58E-05	1.49E-04	1.80E-03	1.86E-04	2.18E+00	1.59E-07	4.94E-08	4.58E+00	2.09E-01	2.96E-04	1.45E-02	3.38E-02	6.81E-01	4.47E+00	5.34E-01	3.63E-07	3.68E-08	5.15E-04	6.11E-04	1.54E+00	6.04E-02	4.78E+00	4.03E-05	4.78E+00	5.07E+00	8.75E-01	0.00E+00	0.00E+00	3.90E-10	1.16E+00
WH36595203Q	2.70E-03	2.29E-01	2.54E-02	1.96E-01	5.52E-05	0.00E+00	2.94E+02	4.65E-05	1.49E-04	1.80E-03	1.86E-04	2.18E+00	1.57E-07	4.94E-08	4.60E+00	2.50E-01	2.96E-04	1.18E-02	3.15E-02	6.88E-01	4.37E+00	5.35E-01	4.39E-07	2.98E-08	5.19E-04	3.43E-04	1.35E+00	5.73E-02	4.71E+00	4.03E-05	4.71E+00	5.02E+00	4.42E-01	0.00E+00	0.00E+00	3.90E-10	1.15E+00
WH36595205A	2.70E-03	2.29E-01	2.12E-02	1.96E-01	3.86E-05	0.00E+00	2.98E+02	4.61E-05	1.49E-04	1.80E-03	1.86E-04	2.18E+00	1.59E-07	4.94E-08	4.60E+00	2.11E-01	2.96E-04	1.18E-02	3.15E-02	4.53E-01	4.37E+00	5.35E-01	4.39E-07	2.98E-08	5.19E-04	2.71E-04	1.34E+00	5.73E-02	4.71E+00	4.02E-05	4.71E+00	5.02E+00	4.42E-01	0.00E+00	0.00E+00	3.90E-10	1.15E+00
WH36595205C	2.70E-03	2.30E-01	2.29E-02	1.96E-01	3.94E-05	0.00E+00	2.99E+02	4.58E-05	1.49E-04	1.80E-03	1.86E-04	2.18E+00	1.59E-07	4.94E-08	4.58E+00	2.09E-01	2.96E-04	1.45E-02	3.38E-02	6.81E-01	4.47E+00	5.34E-01	3.63E-07	3.68E-08	5.15E-04	6.11E-04	1.54E+00	6.04E-02	4.78E+00	4.03E-05	4.78E+00	5.07E+00	8.75E-01	0.00E+00	0.00E+00	3.90E-10	1.16E+00
WH36595205Q	2.70E-03	2.29E-01	2.54E-02	1.96E-01	6.51E-05	0.00E+00	2.94E+02	4.65E-05	1.49E-04	1.80E-03	1.86E-04	2.17E+00	1.57E-07	4.94E-08	4.60E+00	2.81E-01	2.96E-04	1.18E-02	3.15E-02	6.88E-01	4.37E+00	5.35E-01	4.39E-07	2.98E-08	5.19E-04	3.45E-04	1.35E+00	5.73E-02	4.71E+00	4.03E-05	4.71E+00	5.02E+00	4.42E-01	0.00E+00	0.00E+00	3.90E-10	1.15E+00
WH36595249A	2.70E-03	2.29E-01	2.12E-02	1.96E-01	3.86E-05	0.00E+00	2.98E+02	4.61E-05	1.49E-04	1.80E-03	1.86E-04	2.18E+00	1.59E-07	4.94E-08	4.60E+00	2.11E-01	2.96E-04	1.18E-02	3.15E-02	4.53E-01	4.37E+00	5.35E-01	4.39E-07	2.98E-08	5.19E-04	2.71E-04	1.34E+00	5.73E-02	4.71E+00	4.02E-05	4.71E+00	5.02E+00	4.42E-01	0.00E+00	0.00E+00	3.90E-10	1.15E+00
WH36595249C	2.70E-03	2.30E-01	2.29E-02	1.96E-01	3.94E-05	0.00E+00	2.99E+02	4.58E-05	1.49E-04	1.80E-03	1.86E-04	2.18E+00	1.59E-07	4.94E-08	4.58E+00	2.09E-01	2.96E-04	1.45E-02	3.38E-02	6.81E-01	4.47E+00	5.34E-01	3.63E-07	3.68E-08	5.15E-04	6.11E-04	1.54E+00	6.04E-02	4.78E+00	4.03E-05	4.78E+00	5.07E+00	8.75E-01	0.00E+00	0.00E+00	3.90E-10	1.16E+00
WH36595249Q	2.70E-03	2.29E-01	2.54E-02	1.96E-01	5.52E-05	0.00E+00	2.94E+02	4.65E-05	1.49E-04	1.80E-03	1.86E-04	2.18E+00	1.57E-07	4.94E-08	4.60E+00	2.50E-01	2.96E-04	1.18E-02	3.15E-02	6.88E-01	4.37E+00	5.35E-01	4.39E-07	2.98E-08	5.19E-04	3.43E-04	1.35E+00	5.73E-02	4.71E+00	4.03E-05	4.71E+00	5.02E+00	4.42E-01	0.00E+00	0.00E+00	3.90E-10	1.15E+00
WH36596200A	2.76E-03	1.88E-01	-2.86E-03	1.83E-01	4.13E-05	0.00E+00	6.61E+02	3.83E-05	1.37E-04	1.72E-03	1.94E-04	1.94E+00	7.34E-09	4.18E-08	4.77E+00	2.18E-01	2.87E-04	8.21E-03	8.12E-03	5.93E-01	4.40E+00	6.16E-01	3.95E-07	2.04E-08	4.87E-04	3.27E-04	1.30E+00	1.11E-01	4.75E+00	2.77E-05	4.75E+00	5.03E+00	4.19E-01	0.00E+00	0.00E+00	3.90E-10	3.70E-01
WH36596200C	9.08E-03	1.24E+00	7.04E-03	1.24E+00	4.01E-05	0.00E+00	5.06E+02	3.16E-05	9.00E-04	9.79E-03	1.20E-03	1.99E+00	1.26E-08	4.57E-08	5.31E+00	1.92E-01	1.62E-03	1.20E-02	1.34E-02	1.13E+00	2.18E+01	3.15E+00	1.19E-07	6.47E-08	3.22E-03	7.11E-04	2.22E+00	3.91E-01	2.49E+01	2.33E-05	2.49E+01	2.75E+01	2.61E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-01
WH36596200Q	8.15E-03	1.26E+00	2.55E-04	1.26E+00	1.02E-04	0.00E+00	5.08E+02	3.77E-05	9.65E-04	1.04E-02	1.80E-03	2.24E+00	5.61E-08	5.20E-08	5.98E+00	3.99E-01	2.44E-03	7.53E-03	1.48E-02	1.00E+00	2.31E+01	6.31E+00	7.73E-08	5.75E-08	3.38E-03	5.21E-04	2.74E+00	5.91E-01	2.94E+01	2.72E-05	2.94E+01	3.27E+01	3.34E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-01
WH36596203A	5.97E-03	7.09E-01	-3.27E-02	7.81E-01	4.30E-05	0.00E+00	6.85E+02	3.79E-05	5.93E-04	6.30E-03	7.85E-04	2.30E+00	1.91E-08	5.07E-08	4.96E+00	2.67E-01	1.14E-03	1.10E-02	1.23E-02	7.51E-01	1.72E+01	2.42E+00	8.06E-08	4.00E-08	2.10E-03	3.20E-04	1.33E+00	1.47E+00	1.96E+01	6.03E-05	1.95E+01	2.12E+01	1.41E+00	0.00E+00	0.00E+00	3.90E-10	6.01E-01
WH36596205A	5.97E-03	7.09E-01	-3.27E-02	7.81E-01	4.30E-05	0.00E+00	6.85E+02	3.79E-05	5.93E-04	6.30E-03	7.85E-04	2.30E+00	1.91E-08	5.07E-08	4.96E+00	2.67E-01	1.14E-03	1.10E-02	1.23E-02	7.51E-01	1.72E+01	2.42E+00	8.06E-08	4.00E-08	2.10E-03	3.20E-04	1.33E+00	1.47E+00	1.96E+01	6.03E-05	1.95E+01	2.12E+01	1.41E+00	0.00E+00	0.00E+00	3.90E-10	6.01E-01
WH36596205Q	1.14E-02	1.60E+00	-3.01E-02	1.62E+00	1.18E-04	0.00E+00	6.56E+02	4.32E-05	1.24E-03	1.43E-02	2.48E-03	2.70E+00	4.85E-08	7.61E-08	7.43E+00	4.34E-01	3.37E-03	1.48E-02	1.75E-02	1.11E+00	2.75E+01	7.74E+00	9.92E-08	8.20E-08	4.72E-03	5.81E-04	2.11E+00	1.59E+00	4.32E+01	6.62E-05	4.29E+01	4.69E+01	3.09E+00	0.00E+00	0.00E+00	3.90E-10	7.30E-01
WH36596249A	5.97E-03	7.09E-01	-3.27E-02	7.81E-01	4.30E-05	0.00E+00	6.85E+02	3.79E-05	5.93E-04	6.30E-03	7.85E-04	2.30E+00	1.91E-08	5.07E-08	4.96E+00	2.67E-01	1.14E-03	1.10E-02	1.23E-02	7.51E-01	1.72E+01	2.42E+00	8.06E-08	4.00E-08	2.10E-03	3.20E-04	1.33E+00	1.47E+00	1.96E+01	6.03E-05	1.95E+01	2.12E+01	1.41E+00	0.00E+00	0.00E+00	3.90E-10	6.01E-01
WH36596249C	9.59E-03	1.24E+00	-1.77E-01	1.25E+00	4.45E-05	0.00E+00	3.36E+03	3.86E-05	1.11E-03	1.26E-02	1.68E-03	2.82E+00	2.91E-08	7.42E-08	7.24E+00	2.61E-01	2.28E-03	1.52E-02	1.73E-02	1.16E+00	2.39E+01	5.55E+00	1.28E-07	7.70E-08	4.04E-03	7.24E-04	1.57E+00	2.42E+00	2.78E+01	6.52E-05	2.79E+01	3.02E+01	2.66E+00	0.00E+00	0.00E+00	3.90E-10	6.85E-01
WH36596249Q	1.14E-02	1.59E+00	-3.01E-02	1.61E+00	1.18E-04	0.00E+00	6.56E+02	4.31E-05	1.24E-03	1.42E-02	2.48E-03	2.70E+00	4.85E-08	7.65E-08	7.43E+00	4.33E-01	3.37E-03	1.48E-02	1.75E-02	1.11E+00	2.77E+01	7.63E+00	9.92E-08	8.22E-08	4.71E-03	5.81E-04	2.11E+00	1.59E+00	4.31E+01	6.62E-05	4.29E+01	4.69E+01	3.08E+00	0.00E+00	0.00E+00	3.90E-10	7.31E-01
WH36596300A	7.85E-03	1.09E+00	4.62E-04	1.08E+00	6.03E-05	0.00E+00	6.31E+02	4.39E-05	7.56E-04	8.69E-03	1.09E-03	2.18E+00	1.31E-08	5.66E-08	5.14E+00	2.62E-01	1.47E-03	9.81E-03	1.15E-02	1.03E+00	1.81E+01	3.47E+00	4.57E-08	5.46E-08	2.97E-03	4.06E-04	1.25E+00	2.60E-01	2.04E+01	3.61E-05	2.04E+01	2.21E+01	1.70E+00	0.00E+00	0.00E+00	3.90E-10	4.31E-01
WH36596300C	8.34E-03	1.15E+00	5.55E-03	1.13E+00	6.02E-05	0.00E+00	6.32E+02	4.26E-05	8.00E-04	9.18E-03	1.09E-03	2.21E+00	1.34E-08	5.67E-08	5.14E+00	2.63E-01	1.47E-03	1.33E-02	1.23E-02	1.16E+00	1.99E+01	3.45E+00	1.08E-07	6.54E-08	3.02E-03	7.45E-04	1.63E+00	2.62E-01	2.27E+01	3.55E-05	2.27E+01	2.45E+01	2.13E+00	0.00E+00	0.00E+00	3.90E-10	4.46E-01
WH36596300Q	1.08E-02	1.46E+00	1.85E-03	1.44E+00	1.07E-04	0.00E+00	6.83E+02	4.86E-05	1.16E-03	1.42E-02	1.79E-03	2.68E+00	4.33E-08	8.39E-08	8.81E+00	3.96E-01	2.40E-03	1.20E-02	1.84E-02	1.16E+00	2.63E+01	6.55E+00	7.38E-08	7.72E-08	4.60E-03	6.06E-04	2.02E+00	2.62E-01	3.25E+01	4.21E-05	3.23E+01	3.56E+01	2.35E+00	0.00E+00	0.00E+00	3.90E-10	7.43E-01
WH36596303A	7.85E-03	1.09E+00	4.62E-04	1.08E+00	6.03E-05	0.00E+00	6.31E+02	4.39E-05	7.56E-04	8.69E-03	1.09E-03	2.18E+00	1.31E-08	5.66E-08	5.14E+00	2.62E-01	1.47E-03	9.78E-03	1.14E-02	1.03E+00	1.81E+01	3.46E+00	4.52E-08	5.46E-08	2.97E-03	4.06E-04	1.25E+00	2.60E-01	2.04E+01	3.61E-05	2.04E+01	2.21E+01	1.70E+00	0.00E+00	0.00E+00	3.90E-10	4.29E-01
WH36596303C	8.34E-03	1.15E+00	5.55E-03	1.13E+00	6.02E-05	0.00E+00	6.32E+02	4.26E-05	8.00E-04	9.18E-03	1.09E-03	2.21E+00	1.34E-08	5.67E-08	5.14E+00	2.63E-01	1.47E-03	1.33E-02	1.22E-02	1.16E+00	1.99E+01	3.44E+00	1.08E-07	6.54E-08	3.02E-03	7.45E-04	1.63E+00	2.62E-01	2.27E+01	3.55E-05	2.27E+01	2.45E+01	2.13E+00	0.00E+00	0.00E+00	3.90E-10	4.44E-01
WH36596303Q	1.07E-02	1.46E+00	1.85E-03	1.44E+00	1.07E-04	0.00E+00	6.83E+02	4.80E-05	1.16E-03	1.41E-02	1.79E-03	2.68E+00	4.33E-08	8.20E-08	8.66E+00	3.96E-01	2.40E-03	1.20E-02	1.84E-02	1.16E+00	2.61E+01	6.55E+00	7.27E-08	7.71E-08	4.59E-03	6.06E-04	2.02E+00	2.63E-01	3.25E+01	4.17E-05	3.23E+01	3.56E+01	2.35E+00	0.00E+00	0.00E+00	3.90E-10	7.41E-01
WH36596305A	7.85E-03	1.09E+00	4.62E-04	1.08E+00	6.03E-05	0.00E+00	6.31E+02	4.39E-05	7.56E-04	8.69E-03	1.09E-03	2.18E+00	1.31E-08	5.66E-08	5.14E+00	2.62E-01	1.47E-03	9.81E-03	1.15E-02	1.03E+00	1.81E+01	3.46E+00	4.57E-08	5.46E-08	2.97E-03	4.06E-04	1.25E+00	2.60E-01	2.04E+01	3.61E-05	2.04E+01	2.21E+01	1.70E+00	0.00E+00	0.00E+00	3.90E-10	4.31E-01
WH36596305C	8.34E-03	1.15E+00	5.55E-03	1.13E+00	6.02E-05	0.00E+00	6.32E+02	4.26E-05	8.00E-04	9.18E-03	1.09E-03	2.21E+00	1.34E-08	5.67E-08	5.14E+00	2.63E-01	1.47E-03	1.33E-02	1.23E-02	1.16E+00	1.99E+01	3.44E+00	1.08E-07	6.54E-08	3.02E-03	7.45E-04	1.63E+00	2.62E-01	2.27E+01	3.55E-05	2.27E+01	2.45E+01	2.13E+00	0.00E+00	0.00E+00	3.90E-10	4.46E-01
WH36596305Q	1.07E-02	1.46E+00	1.85E-03	1.44E+00	1.07E-04	0.00E+00	6.83E+02	4.80E-05	1.16E-03	1.41E-02	1.79E-03	2.68E+00	4.33E-08	8.20E-08	8.66E+00	3.96E-01	2.40E-03	1.20E-02	1.83E-02	1.16E+00	2.61E+01	6.55E+00	7.28E-08	7.71E-08	4.60E-03	6.06E-04	2.02E+00	2.62E-01	3.25E+01	4.17E-05	3.23E+01	3.56E+01	2.35E+00	0.00E+00	0.00E+00	3.90E-10	7.42E-01
WH36596349A	7.85E-03	1.09E+00	4.62E-04	1.08E+00	6.03E-05	0.00E+00	6.31E+02	4.39E-05	7.56E-04	8.69E-03	1.09E-03	2.18E+00	1.31E-08	5.66E-08	5.14E+00	2.62E-01	1.47E-03	9.78E-03	1.14E-02	1.03E+00	1.81E+01	3.46E+00	4.52E-08	5.46E-08	2.97E-03	4.06E-04	1.25E+00	2.60E-01	2.04E+01	3.61E-05	2.04E+01	2.21E+01	1.70E+00	0.00E+00	0.00E+00	3.90E-10	4.29E-01
WH36596349C	8.34E-03	1.15E+00	5.55E-03	1.13E+00	6.02E-05	0.00E+00	6.32E+02	4.26E-05	8.00E-04	9.18E-03	1.09E-03	2.21E+00	1.34E-08	5.67E-08	5.14E+00	2.63E-01	1.47E-03	1.33E-02	1.22E-02	1.16E+00	1.99E+01	3.44E+00	1.08E-07	6.54E-08	3.02E-03	7.45E-04	1.63E+00	2.62E-01	2.27E+01	3.55E-05	2.27E+01	2.45E+01	2.13E+00	0.00E+00	0.00E+00	3.90E-10	4.44E-01
WH36596349Q	1.07E-02	1.46E+00	1.85E-03	1.44E+00	1.07E-04	0.00E+00	6.83E+02	4.80E-05	1.16E-03	1.41E-02	1.79E-03	2.68E+00	4.33E-08	8.20E-08	8.66E+00	3.96E-01	2.40E-03	1.20E-02	1.84E-02	1.16E+00	2.61E+01	6.55E+00	7.27E-08	7.71E-08	4.59E-03	6.06E-04	2.02E+00	2.63E-01	3.25E+01	4.17E-05	3.23E+01	3.56E+01	2.35E+00	0.00E+00	0.00E+00	3.90E-10	7.41E-01
WH36597200A	2.12E-03	2.18E-01	2.45E-03	1.95E-01	1.17E-05	0.00E+00	2.88E+02	4.63E-05	1.37E-04	1.55E-03	1.83E-04	2.15E+00	1.35E-07	4.87E-08	4.58E+00	1.55E-01	2.96E-04	8.47E-03	2.92E-02	1.18E-01	3.84E+00	5.17E-01	2.02E-07	2.82E-08	5.09E-04	7.48E-05	7.48E-01	6.13E-02	4.06E+00	3.85E-05	4.04E+00	4.39E+00	3.14E-01	0.00E+00	0.00E+00	3.90E-10	1.06E+00
WH36597200C	2.12E-03	2.18E-01	3.60E-03	1.95E-01	1.12E-05	0.00E+00	2.97E+02	4.60E-05	1.37E-04	1.55E-03	1.83E-04	2.16E+00	1.38E-07	4.87E-08	4.56E+00	1.55E-01	2.96E-04	1.12E-02	3.13E-02	1.68E-01	3.96E+00	5.16E-01	1.72E-07	3.80E-08	5.05E-04	1.03E-04	8.67E-01	6.33E-02	4.08E+00	3.89E-05	4.05E+00	4.40E+00	7.09E-01	0.00E+00	0.00E+00	3.90E-10	1.07E+00
WH36597200Q	2.41E-03	2.27E-01	1.56E-02	2.00E-01	4.76E-05	0.00E+00	2.84E+02	4.67E-05	1.45E-04	1.64E-03	1.83E-04	2.20E+00	1.45E-07	4.89E-08	4.70E+00	2.24E-01	2.96E-04	9.14E-03	2.91E-02	5.92E-01	3.94E+00	5.17E-01	2.03E-07	2.87E-08	5.16E-04	3.33E-04	1.03E+00	6.40E-02	4.17E+00	3.87E-05	4.14E+00	4.56E+00	3.27E-01	0.00E+00	0.00E+00	3.90E-10	1.06E+00
WH36597203A	2.12E-03	2.18E-01	2.45E-03	1.95E-01	1.17E-05	0.00E+00	2.88E+02	4.63E-05	1.37E-04	1.55E-03	1.83E-04	2.15E+00	1.35E-07	4.87E-08	4.58E+00	1.55E-01	2.96E-04	8.47E-03	2.92E-02	1.18E-01	3.84E+00	5.17E-01	2.02E-07	2.82E-08	5.09E-04	7.48E-05	7.48E-01	6.13E-02	4.06E+00	3.85E-05	4.04E+00	4.39E+00	3.14E-01	0.00E+00	0.00E+00	3.90E-10	1.06E+00
WH36597203C	2.12E-03	2.18E-01	3.60E-03	1.95E-01	1.12E-05	0.00E+00	2.97E+02	4.60E-05	1.37E-04	1.55E-03	1.83E-04	2.16E+00	1.38E-07	4.87E-08	4.56E+00	1.55E-01	2.96E-04	1.12E-02	3.13E-02	1.68E-01	3.96E+00	5.16E-01	1.72E-07	3.80E-08	5.05E-04	1.03E-04	8.67E-01	6.33E-02	4.08E+00	3.89E-05	4.05E+00	4.40E+00	7.09E-01	0.00E+00	0.00E+00	3.90E-10	1.07E+00
WH36597203Q	2.41E-03	2.27E-01	1.54E-02	2.00E-01	3.94E-05	0.00E+00	2.84E+02	4.67E-05	1.45E-04	1.64E-03	1.83E-04	2.20E+00	1.46E-07	4.89E-08	4.70E+00	2.24E-01	2.96E-04	9.14E-03	2.92E-02	5.92E-01	3.94E+00	5.17E-01	2.03E-07	2.87E-08	5.16E-04	3.33E-04	1.03E+00	6.40E-02	4.17E+00	3.86E-05	4.14E+00	4.56E+00	3.27E-01	0.00E+00	0.00E+00	3.90E-10	1.06E+00
WH36597205A	2.12E-03	2.18E-01	2.45E-03	1.95E-01	1.17E-05	0.00E+00	2.88E+02	4.63E-05	1.37E-04	1.55E-03	1.83E-04	2.15E+00	1.35E-07	4.87E-08	4.58E+00	1.55E-01	2.96E-04	8.47E-03	2.92E-02	1.18E-01	3.84E+00	5.17E-01	2.02E-07	2.82E-08	5.09E-04	7.48E-05	7.48E-01	6.13E-02	4.06E+00	3.85E-05	4.04E+00	4.39E+00	3.14E-01	0.00E+00	0.00E+00	3.90E-10	1.06E+00
WH36597205C	2.12E-03	2.18E-01	3.60E-03	1.95E-01	1.12E-05	0.00E+00	2.97E+02	4.60E-05	1.37E-04	1.55E-03	1.83E-04	2.16E+00	1.38E-07	4.87E-08	4.56E+00	1.55E-01	2.96E-04	1.12E-02	3.13E-02	1.68E-01	3.96E+00	5.16E-01	1.72E-07	3.80E-08	5.05E-04	1.03E-04	8.67E-01	6.33E-02	4.08E+00	3.89E-05	4.05E+00	4.40E+00	7.09E-01	0.00E+00	0.00E+00	3.90E-10	1.07E+00
WH36597205Q	2.41E-03	2.27E-01	1.56E-02	2.00E-01	3.94E-05	0.00E+00	2.84E+02	4.67E-05	1.45E-04	1.64E-03	1.83E-04	2.20E+00	1.45E-07	4.89E-08	4.70E+00	2.24E-01	2.96E-04	9.14E-03	2.91E-02	5.92E-01	3.94E+00	5.17E-01	2.03E-07	2.87E-08	5.16E-04	3.33E-04	1.03E+00	6.40E-02	4.17E+00	3.87E-05	4.14E+00	4.56E+00	3.27E-01	0.00E+00	0.00E+00	3.90E-10	1.06E+00
WH36597249A	9.12E-03	1.23E+00	-3.53E-02	1.25E+00	1.13E-05	0.00E+00	4.43E+02	4.45E-05	1.09E-03	1.24E-02	1.68E-03	3.35E+00	2.48E-07	7.83E-08	7.01E+00	2.49E-01	2.26E-03	1.29E-02	3.78E-02	5.20E-01	2.54E+01	3.46E+00	1.26E-07	9.37E-08	4.20E-03	2.01E-04	1.96E+00	1.44E+00	2.73E+01	8.32E-05	2.71E+01	2.89E+01	2.38E+00	0.00E+00	0.00E+00	3.90E-10	1.54E+00
WH36597249C	9.18E-03	1.23E+00	-4.20E-02	1.25E+00	1.09E-05	0.00E+00	4.59E+02	4.33E-05	1.09E-03	1.24E-02	1.68E-03	3.35E+00	2.48E-07	7.83E-08	7.01E+00	2.24E-01	2.26E-03	1.63E-02	4.08E-02	5.73E-01	2.54E+01	3.45E+00	1.20E-07	9.59E-08	4.21E-03	2.28E-04	2.03E+00	1.60E+00	2.73E+01	8.25E-05	2.72E+01	2.88E+01	2.85E+00	0.00E+00	0.00E+00	3.90E-10	1.54E+00
WH36598200A	5.75E-03	6.97E-01	-3.60E-02	7.56E-01	1.17E-05	0.00E+00	5.27E+02	4.27E-05	5.71E-04	6.14E-03	7.82E-04	1.93E+00	1.86E-08	4.60E-08	5.02E+00	1.58E-01	1.14E-03	1.04E-02	1.00E-02	2.64E-01	1.47E+01	2.03E+00	4.38E-08	4.01E-08	2.08E-03	1.15E-04	1.06E+00	1.49E+00	1.70E+01	5.70E-05	1.70E+01	1.86E+01	1.44E+00	0.00E+00	0.00E+00	3.90E-10	4.61E-01
WH36598200Q	1.10E-02	1.55E+00	-3.36E-02	1.66E+00	8.86E-05	0.00E+00	4.96E+02	4.52E-05	1.07E-03	1.22E-02	2.44E-03	3.00E+00	2.65E-08	8.10E-08	8.49E+00	3.04E-01	3.37E-03	1.46E-02	1.83E-02	9.70E-01	2.49E+01	6.40E+00	1.47E-07	8.31E-08	4.61E-03	5.65E-04	1.68E+00	1.58E+00	4.14E+01	6.02E-05	4.09E+01	4.51E+01	2.98E+00	0.00E+00	0.00E+00	3.90E-10	7.83E-01
WH36598203A	5.54E-03	6.99E-01	-3.59E-02	7.57E-01	1.19E-05	0.00E+00	4.65E+02	2.80E-05	5.67E-04	6.19E-03	7.82E-04	1.69E+00	1.78E-08	4.47E-08	4.78E+00	1.52E-01	1.14E-03	8.79E-03	9.68E-03	2.63E-01	1.43E+01	2.08E+00	4.04E-08	3.97E-08	2.08E-03	1.16E-04	1.01E+00	1.49E+00	1.67E+01	5.53E-05	1.67E+01	1.81E+01	1.39E+00	0.00E+00	0.00E+00	3.90E-10	4.21E-01
WH36599200A	2.53E-03	1.84E-01	1.16E-02	1.78E-01	1.25E-05	0.00E+00	6.62E+02	4.37E-05	1.25E-04	1.54E-03	1.88E-04	2.09E+00	7.05E-09	4.55E-08	4.89E+00	1.38E-01	2.87E-04	7.36E-03	6.35E-03	1.48E-01	3.20E+00	6.21E-01	1.40E-07	2.01E-08	4.23E-04	8.07E-05	1.04E+00	4.54E-02	3.59E+00	3.00E-05	3.57E+00	3.67E+00	3.08E-01	0.00E+00	0.00E+00	3.90E-10	2.42E-01
WH36599200C	9.59E-03	1.20E+00	-1.78E-01	1.22E+00	1.11E-05	0.00E+00	3.36E+03	4.23E-05	1.10E-03	1.24E-02	1.68E-03	3.14E+00	2.90E-08	8.14E-08	7.92E+00	1.68E-01	2.28E-03	1.51E-02	1.77E-02	5.32E-01	2.40E+01	4.06E+00	1.15E-07	8.01E-08	4.11E-03	2.26E-04	1.43E+00	2.42E+00	2.69E+01	6.96E-05	2.69E+01	2.89E+01	2.68E+00	0.00E+00	0.00E+00	3.90E-10	7.27E-01
WH36599200Q	1.18E-02	1.65E+00	-3.26E-02	1.76E+00	8.91E-05	0.00E+00	6.48E+02	4.71E-05	1.24E-03	1.44E-02	2.46E-03	3.03E+00	2.74E-08	8.64E-08	8.22E+00	3.45E-01	3.37E-03	1.54E-02	1.83E-02	9.70E-01	2.97E+01	6.28E+00	1.48E-07	8.72E-08	4.96E-03	5.65E-04	1.71E+00	1.60E+00	4.35E+01	7.20E-05	4.30E+01	4.77E+01	3.08E+00	0.00E+00	0.00E+00	3.90E-10	7.81E-01
WH36599203A	2.53E-03	1.84E-01	1.16E-02	1.78E-01	1.25E-05	0.00E+00	6.62E+02	4.37E-05	1.25E-04	1.54E-03	1.88E-04	2.09E+00	7.05E-09	4.55E-08	4.89E+00	1.38E-01	2.87E-04	7.36E-03	6.35E-03	1.48E-01	3.20E+00	6.21E-01	1.40E-07	2.01E-08	4.23E-04	8.07E-05	1.04E+00	4.54E-02	3.59E+00	3.00E-05	3.57E+00	3.67E+00	3.08E-01	0.00E+00	0.00E+00	3.90E-10	2.42E-01
WH36599203C	9.59E-03	1.20E+00	-1.78E-01	1.22E+00	1.11E-05	0.00E+00	3.36E+03	4.23E-05	1.10E-03	1.24E-02	1.68E-03	3.14E+00	2.90E-08	8.14E-08	7.92E+00	1.68E-01	2.28E-03	1.51E-02	1.77E-02	5.32E-01	2.40E+01	4.06E+00	1.15E-07	8.01E-08	4.11E-03	2.26E-04	1.43E+00	2.42E+00	2.69E+01	6.96E-05	2.69E+01	2.89E+01	2.68E+00	0.00E+00	0.00E+00	3.90E-10	7.27E-01
WH36599203Q	1.18E-02	1.65E+00	-3.26E-02	1.76E+00	8.91E-05	0.00E+00	6.48E+02	4.69E-05	1.24E-03	1.44E-02	2.46E-03	3.03E+00	2.61E-08	8.59E-08	8.22E+00	3.45E-01	3.37E-03	1.52E-02	1.83E-02	9.70E-01	2.97E+01	6.28E+00	1.47E-07	8.74E-08	4.97E-03	5.65E-04	1.71E+00	1.60E+00	4.35E+01	7.20E-05	4.30E+01	4.77E+01	3.05E+00	0.00E+00	0.00E+00	3.90E-10	7.84E-01
WH36599205C	9.59E-03	1.20E+00	-1.78E-01	1.22E+00	1.11E-05	0.00E+00	3.36E+03	4.23E-05	1.10E-03	1.24E-02	1.68E-03	3.14E+00	2.90E-08	8.14E-08	7.92E+00	1.68E-01	2.28E-03	1.51E-02	1.77E-02	5.32E-01	2.40E+01	4.06E+00	1.15E-07	8.01E-08	4.11E-03	2.26E-04	1.43E+00	2.42E+00	2.69E+01	6.96E-05	2.69E+01	2.89E+01	2.68E+00	0.00E+00	0.00E+00	3.90E-10	7.27E-01
WH36599205Q	1.18E-02	1.65E+00	-3.26E-02	1.76E+00	8.91E-05	0.00E+00	6.48E+02	4.71E-05	1.24E-03	1.45E-02	2.46E-03	3.03E+00	2.74E-08	8.64E-08	8.22E+00	3.45E-01	3.37E-03	1.54E-02	1.84E-02	9.70E-01	2.97E+01	6.28E+00	1.48E-07	8.74E-08	4.97E-03	5.65E-04	1.71E+00	1.60E+00	4.35E+01	7.20E-05	4.30E+01	4.77E+01	3.08E+00	0.00E+00	0.00E+00	3.90E-10	7.85E-01
WH36599249Q	1.18E-02	1.65E+00	-3.26E-02	1.76E+00	8.91E-05	0.00E+00	6.48E+02	4.69E-05	1.24E-03	1.44E-02	2.46E-03	3.03E+00	2.61E-08	8.59E-08	8.22E+00	3.45E-01	3.37E-03	1.52E-02	1.83E-02	9.70E-01	2.97E+01	6.28E+00	1.47E-07	8.74E-08	4.97E-03	5.65E-04	1.71E+00	1.60E+00	4.35E+01	7.20E-05	4.30E+01	4.77E+01	3.05E+00	0.00E+00	0.00E+00	3.90E-10	7.84E-01
WH36600700Q	5.40E-02	8.80E+00	4.13E-02	8.76E+00	1.21E-04	0.00E+00	6.35E+02	6.48E-05	5.78E-03	6.09E-02	2.33E-03	4.06E+00	9.46E-08	1.58E-07	7.87E+00	5.17E-01	3.16E-03	1.23E-02	4.74E-02	2.87E+00	1.03E+02	8.05E+00	9.68E-07	3.19E-07	2.04E-02	1.40E-03	4.46E+00	2.31E-01	1.11E+02	1.51E-04	1.11E+02	1.16E+02	4.69E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+00
WH36600800Q	5.40E-02	8.80E+00	4.13E-02	8.76E+00	1.21E-04	0.00E+00	6.35E+02	6.48E-05	5.78E-03	6.09E-02	2.33E-03	4.06E+00	9.46E-08	1.58E-07	7.87E+00	5.17E-01	3.16E-03	1.23E-02	4.74E-02	2.87E+00	1.03E+02	8.05E+00	9.68E-07	3.19E-07	2.04E-02	1.40E-03	4.46E+00	2.31E-01	1.11E+02	1.51E-04	1.11E+02	1.16E+02	4.69E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+00
WH36620300A	3.23E-03	1.99E-01	2.21E-02	1.89E-01	3.40E-05	0.00E+00	4.42E+02	2.94E-05	1.31E-04	1.69E-03	1.91E-04	2.00E+00	7.96E-09	4.07E-08	4.77E+00	1.54E-01	2.86E-04	4.12E-03	9.78E-03	5.51E-01	4.40E+00	6.27E-01	3.80E-07	2.11E-08	4.28E-04	3.17E-04	1.25E+00	7.72E-02	4.64E+00	2.67E-05	4.64E+00	4.97E+00	3.78E-01	0.00E+00	0.00E+00	3.90E-10	3.88E-01
WH36620300C	8.87E-03	1.19E+00	2.33E-02	1.16E+00	3.17E-05	0.00E+00	4.02E+02	2.64E-05	8.38E-04	9.09E-03	1.08E-03	2.00E+00	9.73E-09	4.44E-08	4.91E+00	1.61E-01	1.46E-03	1.12E-02	1.41E-02	1.11E+00	1.89E+01	2.91E+00	1.26E-07	6.13E-08	3.08E-03	7.13E-04	1.67E+00	1.83E-01	2.18E+01	2.29E-05	2.18E+01	2.36E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-01
WH36620300Q	3.23E-03	1.99E-01	2.43E-02	1.89E-01	7.18E-05	0.00E+00	4.44E+02	2.95E-05	1.31E-04	1.69E-03	1.91E-04	2.01E+00	3.57E-08	4.27E-08	4.87E+00	2.87E-01	2.86E-04	4.09E-03	9.81E-03	6.52E-01	4.40E+00	6.27E-01	3.81E-07	2.11E-08	4.28E-04	3.34E-04	1.26E+00	7.89E-02	4.64E+00	2.69E-05	4.64E+00	4.98E+00	3.78E-01	0.00E+00	0.00E+00	3.90E-10	3.89E-01
WH36620303A	3.24E-03	1.94E-01	1.80E-02	1.85E-01	3.33E-05	0.00E+00	4.08E+02	1.77E-05	1.27E-04	1.54E-03	1.89E-04	2.00E+00	7.69E-09	3.84E-08	4.72E+00	1.23E-01	2.86E-04	2.77E-03	1.00E-02	4.27E-01	4.31E+00	6.28E-01	3.60E-07	1.94E-08	4.30E-04	2.52E-04	1.14E+00	7.24E-02	4.56E+00	2.41E-05	4.56E+00	4.87E+00	2.94E-01	0.00E+00	0.00E+00	3.90E-10	3.89E-01
WH36620303C	3.33E-03	1.94E-01	1.97E-02	1.85E-01	3.40E-05	0.00E+00	4.08E+02	1.80E-05	1.27E-04	1.54E-03	1.89E-04	2.43E+00	7.78E-09	3.85E-08	4.81E+00	1.24E-01	2.86E-04	7.26E-03	1.02E-02	6.62E-01	4.42E+00	6.28E-01	3.09E-07	4.68E-08	4.26E-04	6.02E-04	1.24E+00	7.42E-02	4.62E+00	2.57E-05	4.62E+00	4.91E+00	5.72E-01	0.00E+00	0.00E+00	3.90E-10	3.93E-01
WH36620303Q	7.57E-03	1.15E+00	2.18E-02	1.13E+00	2.99E-05	0.00E+00	4.04E+02	2.62E-05	8.93E-04	9.49E-03	1.54E-03	1.96E+00	1.00E-08	4.43E-08	4.83E+00	1.74E-01	2.08E-03	5.86E-03	1.49E-02	8.65E-01	1.82E+01	6.17E+00	7.71E-08	5.03E-08	3.16E-03	4.67E-04	1.75E+00	2.29E-01	2.44E+01	2.29E-05	2.44E+01	2.63E+01	1.98E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-01
WH36620305A	3.24E-03	1.94E-01	1.80E-02	1.85E-01	3.33E-05	0.00E+00	4.08E+02	1.77E-05	1.27E-04	1.54E-03	1.89E-04	2.00E+00	7.69E-09	3.84E-08	4.72E+00	1.23E-01	2.86E-04	2.77E-03	1.00E-02	4.27E-01	4.31E+00	6.28E-01	3.60E-07	1.94E-08	4.30E-04	2.52E-04	1.14E+00	7.24E-02	4.56E+00	2.41E-05	4.56E+00	4.87E+00	2.94E-01	0.00E+00	0.00E+00	3.90E-10	3.89E-01
WH36620305C	3.33E-03	1.94E-01	1.97E-02	1.85E-01	3.40E-05	0.00E+00	4.08E+02	1.80E-05	1.27E-04	1.54E-03	1.89E-04	2.43E+00	7.78E-09	3.85E-08	4.81E+00	1.24E-01	2.86E-04	7.26E-03	1.02E-02	6.62E-01	4.42E+00	6.28E-01	3.09E-07	4.68E-08	4.26E-04	6.02E-04	1.24E+00	7.42E-02	4.62E+00	2.57E-05	4.62E+00	4.91E+00	5.72E-01	0.00E+00	0.00E+00	3.90E-10	3.93E-01
WH36620305Q	3.24E-03	1.94E-01	2.34E-02	1.85E-01	5.61E-05	0.00E+00	4.09E+02	1.78E-05	1.27E-04	1.54E-03	1.89E-04	2.00E+00	9.46E-09	3.93E-08	4.76E+00	2.33E-01	2.86E-04	2.76E-03	1.00E-02	6.41E-01	4.31E+00	6.28E-01	3.60E-07	1.94E-08	4.30E-04	3.31E-04	1.17E+00	7.62E-02	4.56E+00	2.41E-05	4.56E+00	4.88E+00	2.94E-01	0.00E+00	0.00E+00	3.90E-10	3.91E-01
WH36620349A	3.24E-03	1.94E-01	1.80E-02	1.85E-01	3.33E-05	0.00E+00	4.08E+02	1.77E-05	1.27E-04	1.54E-03	1.89E-04	2.00E+00	7.69E-09	3.84E-08	4.72E+00	1.23E-01	2.86E-04	2.77E-03	1.00E-02	4.27E-01	4.31E+00	6.28E-01	3.60E-07	1.94E-08	4.30E-04	2.52E-04	1.14E+00	7.24E-02	4.56E+00	2.41E-05	4.56E+00	4.87E+00	2.94E-01	0.00E+00	0.00E+00	3.90E-10	3.89E-01
WH36620349C	3.33E-03	1.94E-01	1.97E-02	1.85E-01	3.40E-05	0.00E+00	4.08E+02	1.80E-05	1.27E-04	1.54E-03	1.89E-04	2.43E+00	7.78E-09	3.85E-08	4.81E+00	1.24E-01	2.86E-04	7.26E-03	1.02E-02	6.62E-01	4.42E+00	6.28E-01	3.09E-07	4.68E-08	4.26E-04	6.02E-04	1.24E+00	7.42E-02	4.62E+00	2.57E-05	4.62E+00	4.91E+00	5.72E-01	0.00E+00	0.00E+00	3.90E-10	3.93E-01
WH36620349Q	3.24E-03	1.94E-01	2.34E-02	1.85E-01	4.25E-05	0.00E+00	4.09E+02	1.77E-05	1.27E-04	1.54E-03	1.89E-04	2.00E+00	9.46E-09	3.93E-08	4.76E+00	1.56E-01	2.86E-04	2.76E-03	1.00E-02	6.43E-01	4.31E+00	6.28E-01	3.60E-07	1.94E-08	4.30E-04	3.27E-04	1.16E+00	7.62E-02	4.56E+00	2.41E-05	4.56E+00	4.88E+00	2.94E-01	0.00E+00	0.00E+00	3.90E-10	3.91E-01
WH36622300A	2.82E-03	1.89E-01	3.61E-03	1.81E-01	4.10E-06	0.00E+00	4.37E+02	3.20E-05	1.18E-04	1.44E-03	1.88E-04	2.03E+00	7.91E-09	3.96E-08	4.76E+00	1.04E-01	2.86E-04	3.97E-03	7.98E-03	1.09E-01	3.51E+00	6.25E-01	1.29E-07	1.93E-08	4.21E-04	4.75E-05	5.23E-01	6.61E-02	3.73E+00	2.78E-05	3.73E+00	3.89E+00	2.91E-01	0.00E+00	0.00E+00	3.90E-10	2.91E-01
WH36622300C	2.89E-03	1.89E-01	4.68E-03	1.81E-01	4.22E-06	0.00E+00	4.38E+02	3.19E-05	1.18E-04	1.44E-03	1.88E-04	2.66E+00	8.01E-09	3.96E-08	4.85E+00	1.05E-01	2.86E-04	7.69E-03	8.16E-03	1.69E-01	3.62E+00	6.25E-01	1.21E-07	4.71E-08	4.17E-04	7.81E-05	7.44E-01	6.82E-02	3.73E+00	3.04E-05	3.73E+00	3.91E+00	7.01E-01	0.00E+00	0.00E+00	3.90E-10	2.93E-01
WH36622300Q	3.04E-03	1.91E-01	1.58E-02	1.83E-01	4.04E-05	0.00E+00	4.42E+02	3.15E-05	1.26E-04	1.53E-03	1.88E-04	2.04E+00	7.93E-09	4.09E-08	4.79E+00	1.63E-01	2.86E-04	4.04E-03	8.11E-03	5.66E-01	3.63E+00	6.26E-01	1.30E-07	2.06E-08	4.25E-04	3.21E-04	1.01E+00	6.85E-02	3.83E+00	2.80E-05	3.83E+00	4.06E+00	3.06E-01	0.00E+00	0.00E+00	3.90E-10	2.92E-01
WH36622303A	2.81E-03	1.86E-01	3.57E-03	1.77E-01	3.77E-06	0.00E+00	4.01E+02	1.83E-05	1.15E-04	1.28E-03	1.86E-04	2.02E+00	7.64E-09	3.74E-08	4.72E+00	9.19E-02	2.86E-04	2.45E-03	8.22E-03	1.06E-01	3.49E+00	6.26E-01	1.06E-07	1.83E-08	4.24E-04	4.61E-05	4.90E-01	5.95E-02	3.71E+00	2.44E-05	3.71E+00	3.86E+00	2.25E-01	0.00E+00	0.00E+00	3.90E-10	2.87E-01

WH36622303C	2.89E-03	1.86E-01	4.60E-03	1.77E-01	3.87E-06	0.00E+00	4.01E+02	1.86E-05	1.15E-04	1.28E-03	1.86E-04	2.62E+00	7.74E-09	3.75E-08	4.81E+00	9.47E-02	2.86E-04	6.78E-03	8.45E-03	1.66E-01	3.60E+00	6.25E-01	1.01E-07	4.66E-08	4.20E-04	7.70E-05	6.94E-01	6.17E-02	3.71E+00	2.76E-05	3.71E+00	3.87E+00	4.45E-01	0.00E+00	0.00E+00	3.90E-10	2.88E-01
WH36622303Q	3.05E-03	1.88E-01	1.56E-02	1.79E-01	2.92E-05	0.00E+00	4.04E+02	1.83E-05	1.22E-04	1.36E-03	1.86E-04	2.04E+00	7.65E-09	3.84E-08	4.74E+00	1.33E-01	2.86E-04	2.49E-03	8.31E-03	5.64E-01	3.60E+00	6.26E-01	1.08E-07	1.91E-08	4.29E-04	3.21E-04	9.42E-01	6.45E-02	3.81E+00	2.49E-05	3.81E+00	4.02E+00	2.37E-01	0.00E+00	0.00E+00	3.90E-10	2.89E-01
WH36622305A	2.81E-03	1.86E-01	3.57E-03	1.77E-01	3.77E-06	0.00E+00	4.01E+02	1.83E-05	1.15E-04	1.28E-03	1.86E-04	2.02E+00	7.64E-09	3.74E-08	4.72E+00	9.19E-02	2.86E-04	2.45E-03	8.22E-03	1.06E-01	3.49E+00	6.26E-01	1.06E-07	1.83E-08	4.24E-04	4.61E-05	4.90E-01	5.95E-02	3.71E+00	2.44E-05	3.71E+00	3.86E+00	2.25E-01	0.00E+00	0.00E+00	3.90E-10	2.87E-01
WH36622305C	2.89E-03	1.86E-01	4.60E-03	1.77E-01	3.87E-06	0.00E+00	4.01E+02	1.86E-05	1.15E-04	1.28E-03	1.86E-04	2.62E+00	7.74E-09	3.75E-08	4.81E+00	9.47E-02	2.86E-04	6.78E-03	8.45E-03	1.66E-01	3.60E+00	6.25E-01	1.01E-07	4.66E-08	4.20E-04	7.70E-05	6.94E-01	6.17E-02	3.71E+00	2.76E-05	3.71E+00	3.87E+00	4.45E-01	0.00E+00	0.00E+00	3.90E-10	2.88E-01
WH36622305Q	3.05E-03	1.88E-01	1.57E-02	1.79E-01	2.92E-05	0.00E+00	4.04E+02	1.84E-05	1.22E-04	1.36E-03	1.86E-04	2.04E+00	7.79E-09	3.85E-08	4.75E+00	1.33E-01	2.86E-04	2.49E-03	8.32E-03	5.64E-01	3.60E+00	6.26E-01	1.08E-07	1.91E-08	4.29E-04	3.21E-04	9.42E-01	6.45E-02	3.81E+00	2.49E-05	3.81E+00	4.02E+00	2.37E-01	0.00E+00	0.00E+00	3.90E-10	2.89E-01
WH36622349A	9.12E-03	1.18E+00	-1.74E-01	1.17E+00	2.55E-06	0.00E+00	3.46E+03	3.26E-05	9.59E-04	1.04E-02	1.68E-03	2.90E+00	2.89E-08	5.88E-08	5.38E+00	1.56E-01	2.28E-03	6.26E-03	1.74E-02	4.50E-01	2.00E+01	4.14E+00	1.06E-07	6.55E-08	3.83E-03	1.67E-04	1.24E+00	2.34E+00	2.51E+01	5.75E-05	2.52E+01	2.70E+01	2.14E+00	0.00E+00	0.00E+00	3.90E-10	7.25E-01
WH36622349Q	1.10E-02	1.46E+00	-1.73E-01	1.51E+00	5.94E-05	0.00E+00	3.46E+03	3.32E-05	1.06E-03	1.20E-02	2.45E-03	2.79E+00	3.18E-08	6.10E-08	5.65E+00	2.56E-01	3.37E-03	8.71E-03	1.75E-02	9.64E-01	2.31E+01	6.32E+00	1.43E-07	7.60E-08	4.50E-03	5.58E-04	1.34E+00	2.37E+00	4.13E+01	5.97E-05	4.07E+01	4.40E+01	2.71E+00	0.00E+00	0.00E+00	3.90E-10	7.66E-01
WH36625300A	3.23E-03	1.99E-01	2.30E-02	1.89E-01	3.46E-05	0.00E+00	4.43E+02	2.91E-05	1.31E-04	1.69E-03	1.91E-04	2.01E+00	8.39E-09	4.34E-08	4.78E+00	1.63E-01	2.88E-04	4.62E-03	9.68E-03	5.51E-01	4.39E+00	6.21E-01	3.80E-07	2.16E-08	4.28E-04	3.17E-04	1.27E+00	7.59E-02	4.64E+00	2.94E-05	4.64E+00	4.99E+00	3.90E-01	0.00E+00	0.00E+00	3.90E-10	3.83E-01
WH36625300C	8.93E-03	1.18E+00	6.48E-03	1.17E+00	3.17E-05	0.00E+00	4.02E+02	2.66E-05	8.59E-04	9.27E-03	1.17E-03	2.00E+00	1.18E-08	4.44E-08	5.04E+00	1.61E-01	1.58E-03	1.13E-02	1.41E-02	1.11E+00	1.90E+01	2.89E+00	1.24E-07	6.16E-08	3.12E-03	7.15E-04	1.63E+00	3.98E-01	2.19E+01	2.29E-05	2.19E+01	2.39E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-01
WH36625300Q	7.91E-03	1.21E+00	2.78E-02	1.18E+00	9.41E-05	0.00E+00	4.04E+02	3.22E-05	8.88E-04	9.52E-03	1.60E-03	2.24E+00	5.19E-08	5.06E-08	5.49E+00	3.67E-01	2.17E-03	6.68E-03	1.53E-02	9.73E-01	1.94E+01	6.01E+00	8.05E-08	5.32E-08	3.21E-03	5.17E-04	1.98E+00	2.32E-01	2.55E+01	2.68E-05	2.55E+01	2.77E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-01
WH36625303A	3.24E-03	1.94E-01	1.80E-02	1.85E-01	3.33E-05	0.00E+00	4.08E+02	1.81E-05	1.27E-04	1.54E-03	1.89E-04	2.01E+00	7.68E-09	3.84E-08	4.75E+00	1.28E-01	2.86E-04	2.79E-03	9.90E-03	4.27E-01	4.31E+00	6.28E-01	3.60E-07	1.94E-08	4.30E-04	2.52E-04	1.16E+00	7.12E-02	4.56E+00	2.42E-05	4.56E+00	4.89E+00	3.07E-01	0.00E+00	0.00E+00	3.90E-10	3.84E-01
WH36625303C	3.33E-03	1.94E-01	1.97E-02	1.85E-01	3.40E-05	0.00E+00	4.08E+02	1.83E-05	1.27E-04	1.54E-03	1.89E-04	2.43E+00	7.78E-09	3.85E-08	4.84E+00	1.28E-01	2.86E-04	7.29E-03	1.01E-02	6.62E-01	4.42E+00	6.28E-01	3.09E-07	4.68E-08	4.26E-04	6.02E-04	1.26E+00	7.35E-02	4.62E+00	2.60E-05	4.62E+00	4.93E+00	5.79E-01	0.00E+00	0.00E+00	3.90E-10	3.89E-01
WH36625303Q	3.24E-03	1.94E-01	2.34E-02	1.85E-01	4.53E-05	0.00E+00	4.09E+02	1.82E-05	1.27E-04	1.54E-03	1.89E-04	2.01E+00	9.45E-09	3.93E-08	4.78E+00	1.59E-01	2.86E-04	2.79E-03	9.92E-03	6.43E-01	4.31E+00	6.28E-01	3.60E-07	1.94E-08	4.30E-04	3.27E-04	1.18E+00	7.49E-02	4.56E+00	2.43E-05	4.56E+00	4.89E+00	3.07E-01	0.00E+00	0.00E+00	3.90E-10	3.87E-01
WH36625305A	3.24E-03	1.94E-01	1.80E-02	1.85E-01	3.33E-05	0.00E+00	4.08E+02	1.81E-05	1.27E-04	1.54E-03	1.89E-04	2.01E+00	7.68E-09	3.84E-08	4.75E+00	1.28E-01	2.86E-04	2.79E-03	9.90E-03	4.27E-01	4.31E+00	6.28E-01	3.60E-07	1.94E-08	4.30E-04	2.52E-04	1.16E+00	7.12E-02	4.56E+00	2.42E-05	4.56E+00	4.89E+00	3.07E-01	0.00E+00	0.00E+00	3.90E-10	3.84E-01
WH36625305C	3.33E-03	1.94E-01	1.97E-02	1.85E-01	3.40E-05	0.00E+00	4.08E+02	1.83E-05	1.27E-04	1.54E-03	1.89E-04	2.43E+00	7.78E-09	3.85E-08	4.84E+00	1.28E-01	2.86E-04	7.29E-03	1.01E-02	6.62E-01	4.42E+00	6.28E-01	3.09E-07	4.68E-08	4.26E-04	6.02E-04	1.26E+00	7.35E-02	4.62E+00	2.60E-05	4.62E+00	4.93E+00	5.79E-01	0.00E+00	0.00E+00	3.90E-10	3.89E-01
WH36625305Q	3.24E-03	1.94E-01	2.34E-02	1.85E-01	5.88E-05	0.00E+00	4.09E+02	1.82E-05	1.27E-04	1.54E-03	1.89E-04	2.01E+00	9.45E-09	3.93E-08	4.78E+00	2.36E-01	2.86E-04	2.79E-03	9.92E-03	6.41E-01	4.31E+00	6.28E-01	3.60E-07	1.94E-08	4.30E-04	3.31E-04	1.18E+00	7.49E-02	4.56E+00	2.43E-05	4.56E+00	4.89E+00	3.07E-01	0.00E+00	0.00E+00	3.90E-10	3.87E-01
WH36625349A	3.24E-03	1.94E-01	1.80E-02	1.85E-01	3.33E-05	0.00E+00	4.08E+02	1.81E-05	1.27E-04	1.54E-03	1.89E-04	2.01E+00	7.68E-09	3.84E-08	4.75E+00	1.28E-01	2.86E-04	2.79E-03	9.90E-03	4.27E-01	4.31E+00	6.28E-01	3.60E-07	1.94E-08	4.30E-04	2.52E-04	1.16E+00	7.12E-02	4.56E+00	2.42E-05	4.56E+00	4.89E+00	3.07E-01	0.00E+00	0.00E+00	3.90E-10	3.84E-01
WH36625349C	3.33E-03	1.94E-01	1.97E-02	1.85E-01	3.40E-05	0.00E+00	4.08E+02	1.83E-05	1.27E-04	1.54E-03	1.89E-04	2.43E+00	7.78E-09	3.85E-08	4.84E+00	1.28E-01	2.86E-04	7.29E-03	1.01E-02	6.62E-01	4.42E+00	6.28E-01	3.09E-07	4.68E-08	4.26E-04	6.02E-04	1.26E+00	7.35E-02	4.62E+00	2.60E-05	4.62E+00	4.93E+00	5.79E-01	0.00E+00	0.00E+00	3.90E-10	3.89E-01
WH36625349Q	3.24E-03	1.94E-01	2.34E-02	1.85E-01	4.53E-05	0.00E+00	4.09E+02	1.82E-05	1.27E-04	1.54E-03	1.89E-04	2.01E+00	9.45E-09	3.93E-08	4.78E+00	1.59E-01	2.86E-04	2.79E-03	9.92E-03	6.43E-01	4.31E+00	6.28E-01	3.60E-07	1.94E-08	4.30E-04	3.27E-04	1.18E+00	7.49E-02	4.56E+00	2.43E-05	4.56E+00	4.89E+00	3.07E-01	0.00E+00	0.00E+00	3.90E-10	3.87E-01
WH36627300A	2.82E-03	1.89E-01	3.61E-03	1.81E-01	3.97E-06	0.00E+00	4.37E+02	3.12E-05	1.18E-04	1.44E-03	1.88E-04	2.05E+00	8.35E-09	4.24E-08	4.76E+00	1.04E-01	2.87E-04	4.45E-03	7.98E-03	1.19E-01	3.51E+00	6.19E-01	1.29E-07	1.98E-08	4.21E-04	7.53E-05	5.22E-01	6.61E-02	3.73E+00	3.08E-05	3.73E+00	3.89E+00	2.91E-01	0.00E+00	0.00E+00	3.90E-10	2.91E-01
WH36627300C	2.89E-03	1.89E-01	4.68E-03	1.81E-01	4.09E-06	0.00E+00	4.38E+02	3.13E-05	1.18E-04	1.44E-03	1.88E-04	2.67E+00	8.43E-09	4.25E-08	4.85E+00	1.05E-01	2.87E-04	8.32E-03	8.16E-03	1.69E-01	3.62E+00	6.18E-01	1.21E-07	4.71E-08	4.17E-04	1.03E-04	7.44E-01	6.82E-02	3.73E+00	3.19E-05	3.73E+00	3.91E+00	7.01E-01	0.00E+00	0.00E+00	3.90E-10	2.93E-01
WH36627300Q	3.04E-03	1.91E-01	1.58E-02	1.83E-01	4.04E-05	0.00E+00	4.42E+02	3.08E-05	1.26E-04	1.53E-03	1.88E-04	2.06E+00	8.39E-09	4.39E-08	4.79E+00	1.63E-01	2.87E-04	4.52E-03	8.11E-03	5.66E-01	3.63E+00	6.19E-01	1.30E-07	2.11E-08	4.25E-04	3.21E-04	1.01E+00	6.85E-02	3.83E+00	3.13E-05	3.83E+00	4.06E+00	3.06E-01	0.00E+00	0.00E+00	3.90E-10	2.92E-01
WH36627303A	2.81E-03	1.86E-01	3.57E-03	1.77E-01	3.77E-06	0.00E+00	4.01E+02	1.83E-05	1.15E-04	1.28E-03	1.86E-04	2.02E+00	7.64E-09	3.74E-08	4.72E+00	9.19E-02	2.86E-04	2.45E-03	8.22E-03	1.06E-01	3.49E+00	6.26E-01	1.06E-07	1.83E-08	4.24E-04	4.61E-05	4.90E-01	5.95E-02	3.71E+00	2.44E-05	3.71E+00	3.86E+00	2.25E-01	0.00E+00	0.00E+00	3.90E-10	2.87E-01
WH36627303Q	3.05E-03	1.88E-01	1.56E-02	1.79E-01	2.92E-05	0.00E+00	4.04E+02	1.83E-05	1.22E-04	1.36E-03	1.86E-04	2.04E+00	7.65E-09	3.84E-08	4.74E+00	1.33E-01	2.86E-04	2.49E-03	8.31E-03	5.64E-01	3.60E+00	6.26E-01	1.08E-07	1.91E-08	4.29E-04	3.21E-04	9.42E-01	6.45E-02	3.81E+00	2.49E-05	3.81E+00	4.02E+00	2.37E-01	0.00E+00	0.00E+00	3.90E-10	2.89E-01
WH36627305A	2.81E-03	1.86E-01	3.57E-03	1.77E-01	3.77E-06	0.00E+00	4.01E+02	1.83E-05	1.15E-04	1.28E-03	1.86E-04	2.02E+00	7.64E-09	3.74E-08	4.72E+00	9.19E-02	2.86E-04	2.45E-03	8.22E-03	1.06E-01	3.49E+00	6.26E-01	1.06E-07	1.83E-08	4.24E-04	4.61E-05	4.90E-01	5.95E-02	3.71E+00	2.44E-05	3.71E+00	3.86E+00	2.25E-01	0.00E+00	0.00E+00	3.90E-10	2.87E-01
WH36627305Q	3.05E-03	1.88E-01	1.57E-02	1.79E-01	2.92E-05	0.00E+00	4.04E+02	1.84E-05	1.22E-04	1.36E-03	1.86E-04	2.04E+00	7.79E-09	3.85E-08	4.75E+00	1.33E-01	2.86E-04	2.49E-03	8.32E-03	5.64E-01	3.60E+00	6.26E-01	1.08E-07	1.91E-08	4.29E-04	3.21E-04	9.42E-01	6.45E-02	3.81E+00	2.49E-05	3.81E+00	4.02E+00	2.37E-01	0.00E+00	0.00E+00	3.90E-10	2.89E-01
WH36627349Q	1.10E-02	1.46E+00	-1.73E-01	1.51E+00	5.94E-05	0.00E+00	3.46E+03	3.32E-05	1.06E-03	1.20E-02	2.45E-03	2.79E+00	3.18E-08	6.10E-08	5.65E+00	2.56E-01	3.37E-03	8.71E-03	1.75E-02	9.64E-01	2.31E+01	6.32E+00	1.43E-07	7.60E-08	4.50E-03	5.58E-04	1.34E+00	2.37E+00	4.13E+01	5.97E-05	4.07E+01	4.40E+01	2.71E+00	0.00E+00	0.00E+00	3.90E-10	7.66E-01
WH36640300A	7.65E-03	9.06E-01	-2.99E-03	9.09E-01	3.72E-05	0.00E+00	6.38E+02	9.52E-06	7.11E-04	7.50E-03	1.05E-03	2.66E+00	8.95E-09	5.59E-08	6.16E+00	1.20E-01	1.43E-03	3.52E-03	1.42E-02	5.51E-01	1.31E+01	3.32E+00	7.90E-08	4.71E-08	2.59E-03	2.54E-04	5.18E-01	3.85E-01	1.64E+01	2.96E-05	1.64E+01	1.73E+01	9.02E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-01
WH36640300C	1.02E-02	1.32E+00	9.23E-03	1.31E+00	3.72E-05	0.00E+00	6.40E+02	1.09E-05	9.36E-04	9.96E-03	1.25E-03	2.70E+00	9.17E-09	5.80E-08	6.32E+00	1.22E-01	1.69E-03	9.61E-03	1.60E-02	1.18E+00	1.89E+01	3.53E+00	1.30E-07	6.73E-08	3.43E-03	7.50E-04	7.61E-01	4.04E-01	2.24E+01	2.97E-05	2.24E+01	2.36E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-01
WH36640300Q	9.47E-03	1.44E+00	4.76E-03	1.43E+00	1.11E-04	0.00E+00	6.44E+02	1.22E-05	1.05E-03	1.10E-02	1.85E-03	2.94E+00	5.28E-08	6.43E-08	6.92E+00	3.53E-01	2.50E-03	4.45E-03	1.78E-02	1.16E+00	2.08E+01	7.22E+00	8.85E-08	6.12E-08	3.76E-03	6.14E-04	1.13E+00	6.04E-01	2.80E+01	3.34E-05	2.80E+01	2.97E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-01
WH36640303A	7.63E-03	8.58E-01	1.25E-02	8.46E-01	2.99E-05	0.00E+00	6.14E+02	3.32E-05	6.75E-04	7.31E-03	9.35E-04	2.70E+00	1.12E-08	5.78E-08	6.34E+00	1.71E-01	1.27E-03	6.05E-03	1.42E-02	4.86E-01	1.40E+01	2.89E+00	7.88E-08	4.85E-08	2.49E-03	2.15E-04	1.42E+00	1.65E-01	1.69E+01	3.10E-05	1.69E+01	1.85E+01	1.59E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-01
WH36640303C	1.02E-02	1.27E+00	7.28E-03	1.27E+00	2.99E-05	0.00E+00	6.17E+02	3.49E-05	9.27E-04	1.00E-02	1.23E-03	2.73E+00	1.35E-08	5.99E-08	6.63E+00	1.73E-01	1.66E-03	1.23E-02	1.61E-02	1.13E+00	1.99E+01	3.07E+00	1.31E-07	6.92E-08	3.38E-03	7.16E-04	1.62E+00	4.02E-01	2.30E+01	3.11E-05	2.30E+01	2.50E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-01
WH36640303Q	8.93E-03	1.23E+00	-5.05E-03	1.24E+00	2.99E-05	0.00E+00	6.19E+02	3.49E-05	9.95E-04	1.05E-02	1.77E-03	2.70E+00	1.51E-08	6.00E-08	6.56E+00	1.93E-01	2.40E-03	7.03E-03	1.69E-02	9.00E-01	1.95E+01	6.47E+00	8.29E-08	5.85E-08	3.50E-03	4.83E-04	1.68E+00	5.97E-01	2.60E+01	3.10E-05	2.60E+01	2.82E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-01
WH36640305A	7.62E-03	8.56E-01	1.25E-02	8.44E-01	2.99E-05	0.00E+00	6.14E+02	3.32E-05	6.74E-04	7.31E-03	9.35E-04	2.70E+00	1.12E-08	5.78E-08	6.34E+00	1.71E-01	1.27E-03	6.05E-03	1.41E-02	4.86E-01	1.39E+01	2.91E+00	7.86E-08	4.84E-08	2.48E-03	2.15E-04	1.42E+00	1.65E-01	1.68E+01	3.10E-05	1.68E+01	1.84E+01	1.59E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-01
WH36640305C	1.01E-02	1.30E+00	8.64E-03	1.30E+00	3.48E-05	0.00E+00	6.40E+02	1.09E-05	9.26E-04	9.85E-03	1.22E-03	2.70E+00	9.15E-09	5.79E-08	6.31E+00	1.15E-01	1.66E-03	9.59E-03	1.58E-02	1.16E+00	1.86E+01	3.43E+00	1.30E-07	6.68E-08	3.38E-03	7.38E-04	7.41E-01	4.02E-01	2.20E+01	2.97E-05	2.20E+01	2.32E+01	1.14E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-01
WH36640305Q	8.76E-03	1.28E+00	2.72E-02	1.25E+00	9.13E-05	0.00E+00	6.18E+02	3.50E-05	9.37E-04	1.01E-02	1.63E-03	2.70E+00	1.18E-08	6.04E-08	6.45E+00	3.64E-01	2.21E-03	6.86E-03	1.65E-02	9.65E-01	2.01E+01	6.15E+00	8.47E-08	5.78E-08	3.38E-03	5.10E-04	1.93E+00	2.34E-01	2.63E+01	3.10E-05	2.63E+01	2.84E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-01
WH36640349A	3.30E-03	1.94E-01	1.64E-02	1.85E-01	3.27E-05	0.00E+00	6.28E+02	2.53E-05	1.27E-04	1.54E-03	1.89E-04	2.66E+00	7.93E-09	5.63E-08	6.03E+00	1.41E-01	2.86E-04	3.97E-03	1.05E-02	5.27E-01	4.34E+00	6.28E-01	3.61E-07	1.99E-08	4.30E-04	3.10E-04	1.14E+00	6.87E-02	4.57E+00	3.08E-05	4.57E+00	4.90E+00	3.20E-01	0.00E+00	0.00E+00	3.90E-10	3.99E-01
WH36640349C	1.09E-02	1.38E+00	7.28E-03	1.37E+00	2.99E-05	0.00E+00	6.18E+02	3.49E-05	9.94E-04	1.07E-02	1.23E-03	2.75E+00	1.35E-08	6.04E-08	6.64E+00	1.73E-01	1.66E-03	1.23E-02	1.66E-02	1.13E+00	2.25E+01	3.08E+00	1.46E-07	7.30E-08	3.98E-03	7.27E-04	1.62E+00	4.02E-01	2.55E+01	3.11E-05	2.55E+01	2.76E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-01
WH36640349Q	3.30E-03	1.94E-01	2.23E-02	1.85E-01	4.92E-05	0.00E+00	6.28E+02	2.49E-05	1.27E-04	1.54E-03	1.89E-04	2.65E+00	9.69E-09	5.62E-08	6.04E+00	1.77E-01	2.86E-04	3.97E-03	1.06E-02	6.40E-01	4.34E+00	6.28E-01	3.61E-07	1.99E-08	4.30E-04	3.27E-04	1.07E+00	7.23E-02	4.57E+00	3.07E-05	4.57E+00	4.90E+00	3.20E-01	0.00E+00	0.00E+00	3.90E-10	4.00E-01
WH36640700A	3.30E-03	1.99E-01	2.23E-02	1.89E-01	3.56E-05	0.00E+00	4.77E+02	3.30E-05	1.31E-04	1.69E-03	1.91E-04	2.77E+00	8.17E-09	5.82E-08	6.64E+00	1.61E-01	2.86E-04	4.95E-03	1.03E-02	5.47E-01	4.42E+00	6.26E-01	3.81E-07	2.17E-08	4.28E-04	3.16E-04	1.21E+00	7.36E-02	4.64E+00	3.31E-05	4.64E+00	4.99E+00	3.79E-01	0.00E+00	0.00E+00	3.90E-10	3.96E-01
WH36640700C	1.04E-02	1.25E+00	2.51E-02	1.22E+00	3.31E-05	0.00E+00	4.64E+02	3.52E-05	8.88E-04	9.67E-03	1.16E-03	2.92E+00	1.08E-08	6.24E-08	6.94E+00	1.90E-01	1.57E-03	1.26E-02	1.66E-02	1.13E+00	1.98E+01	3.00E+00	1.30E-07	7.03E-08	3.32E-03	7.23E-04	1.74E+00	1.87E-01	2.28E+01	3.33E-05	2.28E+01	2.48E+01	1.93E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-01
WH36640700Q	3.30E-03	1.99E-01	2.46E-02	1.89E-01	7.73E-05	0.00E+00	4.77E+02	3.32E-05	1.31E-04	1.69E-03	1.91E-04	2.77E+00	3.59E-08	5.84E-08	6.65E+00	2.92E-01	2.86E-04	4.92E-03	1.03E-02	6.55E-01	4.42E+00	6.26E-01	3.81E-07	2.17E-08	4.28E-04	3.33E-04	1.23E+00	7.53E-02	4.64E+00	3.37E-05	4.64E+00	4.99E+00	3.79E-01	0.00E+00	0.00E+00	3.90E-10	3.96E-01
WH36640703A	3.31E-03	1.94E-01	1.71E-02	1.85E-01	3.27E-05	0.00E+00	4.35E+02	2.62E-05	1.27E-04	1.54E-03	1.89E-04	2.77E+00	7.93E-09	5.84E-08	6.60E+00	1.41E-01	2.86E-04	4.05E-03	1.06E-02	5.27E-01	4.34E+00	6.27E-01	3.60E-07	1.99E-08	4.30E-04	3.10E-04	1.17E+00	6.89E-02	4.57E+00	3.19E-05	4.57E+00	4.90E+00	3.19E-01	0.00E+00	0.00E+00	3.90E-10	4.00E-01
WH36640703C	3.39E-03	1.94E-01	1.88E-02	1.85E-01	3.31E-05	0.00E+00	4.35E+02	2.64E-05	1.27E-04	1.54E-03	1.89E-04	2.90E+00	8.02E-09	5.90E-08	6.61E+00	1.41E-01	2.86E-04	8.54E-03	1.09E-02	7.80E-01	4.44E+00	6.27E-01	3.08E-07	4.89E-08	4.26E-04	7.05E-04	1.29E+00	7.12E-02	4.63E+00	3.34E-05	4.63E+00	4.95E+00	5.75E-01	0.00E+00	0.00E+00	3.90E-10	4.08E-01
WH36640703Q	3.31E-03	1.94E-01	2.27E-02	1.85E-01	4.90E-05	0.00E+00	4.35E+02	2.55E-05	1.27E-04	1.54E-03	1.89E-04	2.77E+00	9.69E-09	5.84E-08	6.60E+00	1.77E-01	2.86E-04	4.05E-03	1.06E-02	6.40E-01	4.34E+00	6.27E-01	3.60E-07	1.99E-08	4.30E-04	3.27E-04	1.15E+00	7.25E-02	4.57E+00	3.18E-05	4.57E+00	4.91E+00	3.19E-01	0.00E+00	0.00E+00	3.90E-10	4.01E-01
WH36640705A	3.31E-03	1.94E-01	1.71E-02	1.85E-01	3.30E-05	0.00E+00	4.35E+02	2.62E-05	1.27E-04	1.54E-03	1.89E-04	2.77E+00	7.93E-09	5.84E-08	6.60E+00	1.38E-01	2.86E-04	4.05E-03	1.06E-02	4.86E-01	4.34E+00	6.27E-01	3.60E-07	1.99E-08	4.30E-04	2.89E-04	1.17E+00	6.89E-02	4.57E+00	3.19E-05	4.57E+00	4.90E+00	3.19E-01	0.00E+00	0.00E+00	3.90E-10	4.00E-01
WH36640705C	3.39E-03	1.94E-01	1.88E-02	1.85E-01	3.37E-05	0.00E+00	4.35E+02	2.51E-05	1.27E-04	1.54E-03	1.89E-04	2.90E+00	8.02E-09	5.90E-08	6.61E+00	1.38E-01	2.86E-04	7.68E-03	1.09E-02	7.39E-01	4.44E+00	6.27E-01	3.08E-07	4.89E-08	4.26E-04	6.68E-04	1.26E+00	7.12E-02	4.63E+00	3.33E-05	4.63E+00	4.95E+00	5.49E-01	0.00E+00	0.00E+00	3.90E-10	4.08E-01
WH36640705Q	3.31E-03	1.94E-01	2.27E-02	1.85E-01	6.41E-05	0.00E+00	4.35E+02	2.55E-05	1.27E-04	1.54E-03	1.89E-04	2.77E+00	9.69E-09	5.84E-08	6.60E+00	2.36E-01	2.86E-04	4.05E-03	1.06E-02	6.42E-01	4.34E+00	6.27E-01	3.60E-07	1.99E-08	4.30E-04	3.30E-04	1.16E+00	7.25E-02	4.57E+00	3.19E-05	4.57E+00	4.91E+00	3.19E-01	0.00E+00	0.00E+00	3.90E-10	4.01E-01
WH36640749A	3.31E-03	1.94E-01	1.71E-02	1.85E-01	3.27E-05	0.00E+00	4.35E+02	2.62E-05	1.27E-04	1.54E-03	1.89E-04	2.77E+00	7.93E-09	5.84E-08	6.60E+00	1.41E-01	2.86E-04	4.05E-03	1.06E-02	5.27E-01	4.34E+00	6.27E-01	3.60E-07	1.99E-08	4.30E-04	3.10E-04	1.17E+00	6.89E-02	4.57E+00	3.19E-05	4.57E+00	4.90E+00	3.19E-01	0.00E+00	0.00E+00	3.90E-10	4.00E-01
WH36640749C	3.39E-03	1.94E-01	1.88E-02	1.85E-01	3.31E-05	0.00E+00	4.35E+02	2.64E-05	1.27E-04	1.54E-03	1.89E-04	2.90E+00	8.02E-09	5.90E-08	6.61E+00	1.41E-01	2.86E-04	8.54E-03	1.09E-02	7.80E-01	4.44E+00	6.27E-01	3.08E-07	4.89E-08	4.26E-04	7.05E-04	1.29E+00	7.12E-02	4.63E+00	3.34E-05	4.63E+00	4.95E+00	5.75E-01	0.00E+00	0.00E+00	3.90E-10	4.08E-01
WH36640749Q	3.31E-03	1.94E-01	2.27E-02	1.85E-01	4.90E-05	0.00E+00	4.35E+02	2.55E-05	1.27E-04	1.54E-03	1.89E-04	2.77E+00	9.69E-09	5.84E-08	6.60E+00	1.77E-01	2.86E-04	4.05E-03	1.06E-02	6.40E-01	4.34E+00	6.27E-01	3.60E-07	1.99E-08	4.30E-04	3.27E-04	1.15E+00	7.25E-02	4.57E+00	3.18E-05	4.57E+00	4.91E+00	3.19E-01	0.00E+00	0.00E+00	3.90E-10	4.01E-01
WH36642300A	2.87E-03	1.89E-01	3.82E-03	1.81E-01	4.07E-06	0.00E+00	6.36E+02	3.54E-05	1.18E-04	1.44E-03	1.88E-04	2.67E+00	8.16E-09	5.61E-08	6.03E+00	1.14E-01	2.86E-04	4.72E-03	8.54E-03	1.09E-01	3.51E+00	6.25E-01	1.29E-07	1.98E-08	4.21E-04	4.74E-05	5.69E-01	6.57E-02	3.73E+00	3.21E-05	3.73E+00	3.89E+00	2.90E-01	0.00E+00	0.00E+00	3.90E-10	3.03E-01
WH36642300C	2.94E-03	1.89E-01	4.91E-03	1.81E-01	4.19E-06	0.00E+00	6.35E+02	3.51E-05	1.18E-04	1.44E-03	1.88E-04	3.05E+00	8.27E-09	5.65E-08	6.07E+00	1.14E-01	2.86E-04	7.93E-03	8.76E-03	1.69E-01	3.62E+00	6.24E-01	1.20E-07	4.92E-08	4.17E-04	7.88E-05	7.34E-01	6.77E-02	3.73E+00	3.46E-05	3.73E+00	3.91E+00	6.87E-01	0.00E+00	0.00E+00	3.90E-10	3.08E-01
WH36642300Q	3.09E-03	1.91E-01	1.49E-02	1.83E-01	4.05E-05	0.00E+00	6.35E+02	3.49E-05	1.26E-04	1.53E-03	1.88E-04	2.67E+00	8.17E-09	5.61E-08	6.06E+00	1.68E-01	2.86E-04	4.76E-03	8.66E-03	5.67E-01	3.63E+00	6.25E-01	1.30E-07	2.11E-08	4.25E-04	3.19E-04	9.86E-01	6.80E-02	3.83E+00	3.26E-05	3.83E+00	4.06E+00	3.04E-01	0.00E+00	0.00E+00	3.90E-10	3.03E-01
WH36642303A	2.87E-03	1.86E-01	3.79E-03	1.77E-01	3.71E-06	0.00E+00	6.31E+02	2.60E-05	1.15E-04	1.28E-03	1.86E-04	2.68E+00	7.89E-09	5.64E-08	6.01E+00	1.05E-01	2.86E-04	3.65E-03	8.93E-03	1.06E-01	3.49E+00	6.25E-01	1.07E-07	1.86E-08	4.24E-04	4.61E-05	5.51E-01	5.88E-02	3.71E+00	3.07E-05	3.71E+00	3.86E+00	2.24E-01	0.00E+00	0.00E+00	3.90E-10	3.01E-01
WH36642303C	2.94E-03	1.86E-01	4.84E-03	1.77E-01	3.82E-06	0.00E+00	6.31E+02	2.53E-05	1.15E-04	1.28E-03	1.86E-04	3.03E+00	8.00E-09	5.68E-08	6.05E+00	1.06E-01	2.86E-04	6.90E-03	9.21E-03	1.66E-01	3.60E+00	6.25E-01	1.01E-07	4.87E-08	4.20E-04	7.77E-05	6.96E-01	6.12E-02	3.71E+00	3.31E-05	3.71E+00	3.87E+00	4.22E-01	0.00E+00	0.00E+00	3.90E-10	3.05E-01
WH36642303Q	3.10E-03	1.88E-01	1.47E-02	1.79E-01	2.93E-05	0.00E+00	6.31E+02	2.57E-05	1.22E-04	1.36E-03	1.86E-04	2.67E+00	7.88E-09	5.63E-08	6.03E+00	1.40E-01	2.86E-04	3.69E-03	9.01E-03	5.66E-01	3.60E+00	6.26E-01	1.08E-07	1.95E-08	4.29E-04	3.19E-04	9.32E-01	6.38E-02	3.81E+00	3.12E-05	3.81E+00	4.02E+00	2.36E-01	0.00E+00	0.00E+00	3.90E-10	3.02E-01
WH36642305A	2.87E-03	1.86E-01	3.79E-03	1.77E-01	3.71E-06	0.00E+00	6.31E+02	2.60E-05	1.15E-04	1.28E-03	1.86E-04	2.68E+00	7.89E-09	5.64E-08	6.01E+00	1.05E-01	2.86E-04	3.65E-03	8.93E-03	1.06E-01	3.49E+00	6.25E-01	1.07E-07	1.86E-08	4.24E-04	4.61E-05	5.51E-01	5.88E-02	3.71E+00	3.07E-05	3.71E+00	3.86E+00	2.24E-01	0.00E+00	0.00E+00	3.90E-10	3.01E-01
WH36642305C	2.94E-03	1.86E-01	4.84E-03	1.77E-01	3.82E-06	0.00E+00	6.31E+02	2.53E-05	1.15E-04	1.28E-03	1.86E-04	3.03E+00	8.00E-09	5.68E-08	6.05E+00	1.06E-01	2.86E-04	6.90E-03	9.21E-03	1.66E-01	3.60E+00	6.25E-01	1.01E-07	4.87E-08	4.20E-04	7.77E-05	6.96E-01	6.12E-02	3.71E+00	3.31E-05	3.71E+00	3.87E+00	4.22E-01	0.00E+00	0.00E+00	3.90E-10	3.05E-01
WH36642305Q	3.10E-03	1.88E-01	1.49E-02	1.79E-01	2.93E-05	0.00E+00	6.31E+02	2.58E-05	1.22E-04	1.36E-03	1.86E-04	2.67E+00	8.03E-09	5.63E-08	6.04E+00	1.40E-01	2.86E-04	3.69E-03	9.03E-03	5.66E-01	3.60E+00	6.26E-01	1.08E-07	1.95E-08	4.29E-04	3.19E-04	9.32E-01	6.38E-02	3.81E+00	3.12E-05	3.81E+00	4.02E+00	2.36E-01	0.00E+00	0.00E+00	3.90E-10	3.02E-01
WH36642349Q	1.10E-02	1.46E+00	-1.74E-01	1.51E+00	8.03E-05	0.00E+00	3.46E+03	3.26E-05	1.06E-03	1.20E-02	2.45E-03	2.94E+00	3.24E-08	6.58E-08	6.27E+00	2.60E-01	3.37E-03	8.67E-03	1.82E-02	9.70E-01	2.31E+01	6.33E+00	1.43E-07	7.60E-08	4.48E-03	5.58E-04	1.34E+00	2.37E+00	4.13E+01	6.07E-05	4.07E+01	4.42E+01	2.72E+00	0.00E+00	0.00E+00	3.90E-10	8.08E-01
WH36642700Q	3.10E-03	1.91E-01	1.55E-02	1.83E-01	4.05E-05	0.00E+00	4.77E+02	3.51E-05	1.26E-04	1.53E-03	1.88E-04	2.78E+00	8.17E-09	5.79E-08	6.59E+00	1.69E-01	2.86E-04	4.86E-03	8.72E-03	5.67E-01	3.63E+00	6.25E-01	1.30E-07	2.11E-08	4.25E-04	3.19E-04	1.00E+00	6.80E-02	3.83E+00	3.35E-05	3.83E+00	4.06E+00	3.06E-01	0.00E+00	0.00E+00	3.90E-10	3.04E-01
WH36642703A	2.88E-03	1.86E-01	3.87E-03	1.77E-01	3.81E-06	0.00E+00	4.25E+02	2.69E-05	1.15E-04	1.28E-03	1.86E-04	2.79E+00	7.90E-09	5.80E-08	6.56E+00	1.06E-01	2.86E-04	3.73E-03	9.01E-03	1.06E-01	3.49E+00	6.25E-01	1.07E-07	1.86E-08	4.24E-04	4.59E-05	5.40E-01	5.91E-02	3.71E+00	3.18E-05	3.71E+00	3.86E+00	2.25E-01	0.00E+00	0.00E+00	3.90E-10	3.02E-01
WH36642703C	2.96E-03	1.86E-01	4.93E-03	1.77E-01	3.88E-06	0.00E+00	4.26E+02	2.59E-05	1.15E-04	1.28E-03	1.86E-04	3.14E+00	7.99E-09	5.87E-08	6.57E+00	1.07E-01	2.86E-04	7.10E-03	9.28E-03	1.66E-01	3.60E+00	6.24E-01	1.01E-07	4.87E-08	4.20E-04	7.77E-05	7.02E-01	6.13E-02	3.71E+00	3.46E-05	3.71E+00	3.87E+00	4.01E-01	0.00E+00	0.00E+00	3.90E-10	3.07E-01
WH36642703Q	3.11E-03	1.88E-01	1.53E-02	1.79E-01	2.93E-05	0.00E+00	4.32E+02	2.64E-05	1.22E-04	1.36E-03	1.86E-04	2.78E+00	7.90E-09	5.81E-08	6.56E+00	1.40E-01	2.86E-04	3.77E-03	9.10E-03	5.66E-01	3.60E+00	6.25E-01	1.08E-07	1.95E-08	4.29E-04	3.19E-04	9.44E-01	6.40E-02	3.81E+00	3.22E-05	3.81E+00	4.02E+00	2.37E-01	0.00E+00	0.00E+00	3.90E-10	3.04E-01
WH36642705A	2.88E-03	1.86E-01	3.87E-03	1.77E-01	3.81E-06	0.00E+00	4.25E+02	2.69E-05	1.15E-04	1.28E-03	1.86E-04	2.79E+00	7.90E-09	5.80E-08	6.56E+00	1.06E-01	2.86E-04	3.73E-03	9.01E-03	1.06E-01	3.49E+00	6.25E-01	1.07E-07	1.86E-08	4.24E-04	4.59E-05	5.40E-01	5.91E-02	3.71E+00	3.18E-05	3.71E+00	3.86E+00	2.25E-01	0.00E+00	0.00E+00	3.90E-10	3.02E-01
WH36642705Q	3.11E-03	1.88E-01	1.54E-02	1.79E-01	2.93E-05	0.00E+00	4.32E+02	2.64E-05	1.22E-04	1.36E-03	1.86E-04	2.79E+00	8.04E-09	5.81E-08	6.56E+00	1.40E-01	2.86E-04	3.77E-03	9.11E-03	5.66E-01	3.60E+00	6.25E-01	1.08E-07	1.95E-08	4.29E-04	3.19E-04	9.44E-01	6.40E-02	3.81E+00	3.23E-05	3.81E+00	4.02E+00	2.37E-01	0.00E+00	0.00E+00	3.90E-10	3.04E-01
WH36645300A	7.75E-03	9.65E-01	2.37E-02	9.68E-01	3.62E-05	0.00E+00	6.32E+02	3.18E-05	7.40E-04	7.94E-03	1.02E-03	2.68E+00	1.27E-08	5.81E-08	6.29E+00	1.89E-01	1.38E-03	7.34E-03	1.37E-02	7.08E-01	1.67E+01	2.79E+00	7.03E-08	5.14E-08	2.85E-03	3.26E-04	1.21E+00	1.97E-01	1.91E+01	3.25E-05	1.90E+01	2.06E+01	1.65E+00	0.00E+00	0.00E+00	3.90E-10	6.70E-01
WH36645300C	1.01E-02	1.32E+00	2.69E-02	1.29E+00	3.71E-05	0.00E+00	6.40E+02	3.52E-05	9.13E-04	9.88E-03	1.12E-03	2.73E+00	1.16E-08	6.03E-08	6.42E+00	1.95E-01	1.52E-03	1.21E-02	1.59E-02	1.17E+00	1.95E+01	3.44E+00	1.22E-07	6.83E-08	3.35E-03	7.39E-04	1.44E+00	1.70E-01	2.30E+01	3.09E-05	2.30E+01	2.46E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-01
WH36645300Q	9.39E-03	1.43E+00	3.37E-02	1.40E+00	1.11E-04	0.00E+00	6.44E+02	3.62E-05	1.01E-03	1.08E-02	1.66E-03	2.98E+00	5.38E-08	6.66E-08	7.02E+00	4.26E-01	2.25E-03	6.90E-03	1.76E-02	1.14E+00	2.13E+01	7.13E+00	8.01E-08	6.20E-08	3.66E-03	6.01E-04	1.83E+00	2.24E-01	2.84E+01	3.46E-05	2.84E+01	3.05E+01	2.06E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-01
WH36645303A	7.67E-03	9.46E-01	1.78E-02	9.06E-01	3.21E-05	0.00E+00	6.26E+02	3.10E-05	7.24E-04	7.46E-03	1.02E-03	2.68E+00	1.07E-08	5.79E-08	6.30E+00	1.68E-01	1.38E-03	5.98E-03	1.40E-02	6.99E-01	1.48E+01	2.81E+00	6.66E-08	4.86E-08	2.56E-03	3.21E-04	1.32E+00	1.77E-01	1.73E+01	3.07E-05	1.73E+01	1.89E+01	1.46E+00	0.00E+00	0.00E+00	3.90E-10	6.55E-01
WH36645303C	9.99E-03	1.29E+00	2.13E-02	1.27E+00	3.35E-05	0.00E+00	7.31E+02	2.96E-05	9.29E-04	1.01E-02	1.49E-03	2.73E+00	1.11E-08	6.21E-08	6.51E+00	1.82E-01	1.97E-03	1.09E-02	1.61E-02	1.13E+00	2.05E+01	4.66E+00	1.33E-07	6.87E-08	3.45E-03	7.27E-04	1.84E+00	1.89E-01	2.56E+01	3.07E-05	2.56E+01	2.77E+01	2.28E+00	0.00E+00	0.00E+00	3.90E-10	6.98E-01
WH36645303Q	9.85E-03	1.38E+00	3.13E-02	1.33E+00	7.02E-05	0.00E+00	6.25E+02	3.34E-05	1.01E-03	1.19E-02	1.73E-03	2.64E+00	2.45E-08	6.09E-08	6.54E+00	2.50E-01	2.37E-03	7.61E-03	1.72E-02	1.01E+00	2.08E+01	6.52E+00	7.93E-08	5.98E-08	4.29E-03	5.39E-04	1.81E+00	2.23E-01	2.88E+01	3.15E-05	2.90E+01	3.17E+01	2.12E+00	0.00E+00	0.00E+00	3.90E-10	7.31E-01
WH36645305A	7.65E-03	9.46E-01	1.78E-02	9.02E-01	3.25E-05	0.00E+00	6.26E+02	3.10E-05	7.23E-04	7.46E-03	1.02E-03	2.68E+00	1.06E-08	5.78E-08	6.28E+00	1.65E-01	1.38E-03	5.98E-03	1.40E-02	6.69E-01	1.46E+01	2.81E+00	6.66E-08	4.83E-08	2.56E-03	3.07E-04	1.30E+00	1.77E-01	1.71E+01	3.06E-05	1.71E+01	1.87E+01	1.46E+00	0.00E+00	0.00E+00	3.90E-10	6.53E-01
WH36645305C	9.95E-03	1.29E+00	2.13E-02	1.27E+00	3.42E-05	0.00E+00	7.32E+02	2.78E-05	9.25E-04	1.01E-02	1.49E-03	2.73E+00	1.09E-08	6.21E-08	6.48E+00	1.78E-01	1.97E-03	1.00E-02	1.61E-02	1.09E+00	2.04E+01	4.67E+00	1.32E-07	6.82E-08	3.43E-03	6.98E-04	1.83E+00	1.89E-01	2.55E+01	3.05E-05	2.55E+01	2.76E+01	2.20E+00	0.00E+00	0.00E+00	3.90E-10	6.96E-01
WH36645305Q	9.85E-03	1.39E+00	3.13E-02	1.33E+00	8.93E-05	0.00E+00	6.25E+02	3.34E-05	1.01E-03	1.19E-02	1.73E-03	2.64E+00	2.45E-08	6.10E-08	6.54E+00	3.26E-01	2.37E-03	7.69E-03	1.71E-02	1.01E+00	2.08E+01	6.50E+00	7.93E-08	5.97E-08	4.29E-03	5.42E-04	1.84E+00	2.23E-01	2.88E+01	3.16E-05	2.90E+01	3.18E+01	2.13E+00	0.00E+00	0.00E+00	3.90E-10	7.30E-01
WH36645349A	7.67E-03	9.46E-01	1.78E-02	9.06E-01	3.21E-05	0.00E+00	6.26E+02	3.10E-05	7.24E-04	7.46E-03	1.02E-03	2.68E+00	1.07E-08	5.79E-08	6.30E+00	1.68E-01	1.38E-03	5.98E-03	1.40E-02	6.99E-01	1.48E+01	2.81E+00	6.66E-08	4.86E-08	2.56E-03	3.21E-04	1.32E+00	1.77E-01	1.73E+01	3.07E-05	1.73E+01	1.89E+01	1.46E+00	0.00E+00	0.00E+00	3.90E-10	6.55E-01
WH36645349C	9.99E-03	1.29E+00	2.13E-02	1.27E+00	3.35E-05	0.00E+00	7.31E+02	2.96E-05	9.29E-04	1.01E-02	1.49E-03	2.73E+00	1.11E-08	6.21E-08	6.51E+00	1.82E-01	1.97E-03	1.09E-02	1.61E-02	1.13E+00	2.05E+01	4.66E+00	1.33E-07	6.87E-08	3.45E-03	7.27E-04	1.84E+00	1.89E-01	2.56E+01	3.07E-05	2.56E+01	2.77E+01	2.28E+00	0.00E+00	0.00E+00	3.90E-10	6.98E-01
WH36645349Q	9.85E-03	1.38E+00	3.13E-02	1.33E+00	7.02E-05	0.00E+00	6.25E+02	3.34E-05	1.01E-03	1.19E-02	1.73E-03	2.64E+00	2.45E-08	6.09E-08	6.54E+00	2.50E-01	2.37E-03	7.61E-03	1.72E-02	1.01E+00	2.08E+01	6.52E+00	7.93E-08	5.98E-08	4.29E-03	5.39E-04	1.81E+00	2.23E-01	2.88E+01	3.15E-05	2.90E+01	3.17E+01	2.12E+00	0.00E+00	0.00E+00	3.90E-10	7.31E-01
WH36647300Q	9.83E-03	1.28E+00	2.15E-02	1.27E+00	6.41E-05	0.00E+00	6.41E+02	3.53E-05	9.70E-04	1.14E-02	1.68E-03	2.98E+00	1.85E-08	6.07E-08	6.49E+00	2.35E-01	2.30E-03	7.73E-03	1.82E-02	9.21E-01	2.08E+01	4.98E+00	1.07E-07	6.63E-08	4.42E-03	5.17E-04	1.85E+00	2.35E-01	2.68E+01	4.18E-05	2.67E+01	2.90E+01	2.24E+00	0.00E+00	0.00E+00	3.90E-10	7.83E-01
WH36647303Q	9.69E-03	1.27E+00	2.14E-02	1.26E+00	5.99E-05	0.00E+00	6.34E+02	3.30E-05	9.72E-04	1.14E-02	1.69E-03	2.91E+00	1.95E-08	6.12E-08	6.51E+00	2.09E-01	2.30E-03	6.60E-03	1.80E-02	9.16E-01	2.04E+01	5.00E+00	1.03E-07	6.28E-08	4.16E-03	5.18E-04	1.80E+00	2.25E-01	2.64E+01	3.41E-05	2.64E+01	2.86E+01	2.16E+00	0.00E+00	0.00E+00	3.90E-10	7.78E-01
WH36647305Q	9.69E-03	1.27E+00	2.14E-02	1.26E+00	6.24E-05	0.00E+00	6.34E+02	3.30E-05	9.72E-04	1.14E-02	1.69E-03	2.91E+00	1.96E-08	6.12E-08	6.51E+00	2.08E-01	2.30E-03	6.61E-03	1.81E-02	9.16E-01	2.04E+01	5.01E+00	1.03E-07	6.28E-08	4.16E-03	5.18E-04	1.80E+00	2.25E-01	2.64E+01	3.41E-05	2.64E+01	2.86E+01	2.16E+00	0.00E+00	0.00E+00	3.90E-10	7.78E-01
WH36647349Q	9.69E-03	1.27E+00	2.14E-02	1.26E+00	5.99E-05	0.00E+00	6.34E+02	3.30E-05	9.72E-04	1.14E-02	1.69E-03	2.91E+00	1.95E-08	6.12E-08	6.51E+00	2.09E-01	2.30E-03	6.60E-03	1.80E-02	9.16E-01	2.04E+01	5.00E+00	1.03E-07	6.28E-08	4.16E-03	5.18E-04	1.80E+00	2.25E-01	2.64E+01	3.41E-05	2.64E+01	2.86E+01	2.16E+00	0.00E+00	0.00E+00	3.90E-10	7.78E-01
WH36910900C	1.64E-02	2.27E+00	-3.20E-02	2.25E+00	8.50E-05	0.00E+00	5.08E+02	4.47E-05	1.64E-03	1.62E-02	2.50E-03	4.09E+00	2.17E-08	6.09E-08	4.75E+00	4.82E-01	3.38E-03	1.89E-02	2.01E-02	1.22E+00	3.96E+01	7.92E+00	1.68E-07	1.11E-07	6.19E-03	7.47E-04	1.96E+00	1.64E+00	4.47E+01	7.57E-05	4.48E+01	4.72E+01	3.03E+00	0.00E+00	0.00E+00	3.90E-10	7.98E-01
WH36910900Q	1.54E-02	2.27E+00	-2.43E-02	2.26E+00	1.35E-04	0.00E+00	5.16E+02	5.48E-05	1.76E-03	1.80E-02	3.29E-03	4.49E+00	1.32E-07	8.04E-08	5.93E+00	8.19E-01	4.51E-03	1.13E-02	2.19E-02	1.22E+00	4.09E+01	1.18E+01	1.02E-07	1.04E-07	6.46E-03	5.93E-04	2.23E+00	1.57E+00	5.22E+01	7.75E-05	5.25E+01	5.60E+01	3.65E+00	0.00E+00	0.00E+00	3.90E-10	9.24E-01

WH36910903Q	1.53E-02	2.27E+00	-2.45E-02	2.25E+00	1.27E-04	0.00E+00	5.16E+02	5.44E-05	1.76E-03	1.80E-02	3.28E-03	4.18E+00	1.06E-07	7.98E-08	5.74E+00	7.82E-01	4.51E-03	1.08E-02	2.19E-02	1.16E+00	4.10E+01	1.17E+01	9.87E-08	1.03E-07	6.49E-03	5.96E-04	2.21E+00	1.58E+00	5.22E+01	7.60E-05	5.25E+01	5.60E+01	3.59E+00	0.00E+00	0.00E+00	3.90E-10	9.21E-01
WH36910905Q	1.53E-02	2.27E+00	-2.45E-02	2.25E+00	1.27E-04	0.00E+00	5.16E+02	5.44E-05	1.76E-03	1.80E-02	3.28E-03	4.18E+00	1.06E-07	7.98E-08	5.74E+00	7.82E-01	4.51E-03	1.08E-02	2.19E-02	1.16E+00	4.10E+01	1.17E+01	9.87E-08	1.03E-07	6.49E-03	5.96E-04	2.21E+00	1.58E+00	5.22E+01	7.60E-05	5.25E+01	5.60E+01	3.59E+00	0.00E+00	0.00E+00	3.90E-10	9.21E-01
WH36910949Q	1.53E-02	2.27E+00	-2.45E-02	2.25E+00	3.55E-05	0.00E+00	5.19E+02	5.40E-05	1.76E-03	1.80E-02	3.29E-03	4.18E+00	1.03E-07	7.95E-08	5.75E+00	7.31E-01	4.51E-03	1.09E-02	2.20E-02	1.09E+00	4.08E+01	1.17E+01	9.88E-08	1.03E-07	6.48E-03	5.85E-04	2.21E+00	1.58E+00	5.25E+01	7.56E-05	5.29E+01	5.65E+01	3.59E+00	0.00E+00	0.00E+00	3.90E-10	9.21E-01
WH36911000C	1.57E-02	2.66E+00	-3.24E-02	2.60E+00	1.41E-04	0.00E+00	4.39E+02	5.60E-05	1.75E-03	1.83E-02	3.29E-03	4.16E+00	2.25E-07	8.90E-08	7.86E+00	7.37E-01	4.81E-03	2.23E-02	4.34E-02	1.26E+00	4.54E+01	1.22E+01	1.72E-07	1.16E-07	6.29E-03	7.63E-04	2.53E+00	1.72E+00	5.37E+01	9.79E-05	5.38E+01	5.88E+01	3.60E+00	0.00E+00	0.00E+00	3.90E-10	1.56E+00
WH36911003C	1.57E-02	2.67E+00	-3.26E-02	2.61E+00	1.34E-04	0.00E+00	4.45E+02	5.55E-05	1.75E-03	1.84E-02	3.29E-03	4.09E+00	2.25E-07	8.84E-08	7.74E+00	7.09E-01	4.81E-03	2.21E-02	4.34E-02	1.25E+00	4.55E+01	1.21E+01	1.76E-07	1.18E-07	6.35E-03	7.72E-04	2.52E+00	1.72E+00	5.36E+01	9.77E-05	5.38E+01	5.87E+01	3.54E+00	0.00E+00	0.00E+00	3.90E-10	1.56E+00
WH36912300C	1.27E-02	2.35E+00	5.95E-02	2.29E+00	1.26E-04	0.00E+00	5.11E+02	2.73E-05	1.50E-03	1.62E-02	2.50E-03	1.66E+00	1.56E-08	4.54E-08	4.31E+00	4.52E-01	3.38E-03	1.92E-02	1.54E-02	2.50E+00	3.60E+01	8.54E+00	1.39E-07	9.27E-08	5.31E-03	1.68E-03	2.36E+00	2.47E-01	4.45E+01	1.96E-05	4.45E+01	4.71E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-01
WH36912300Q	1.15E-02	2.45E+00	7.02E-02	2.38E+00	2.65E-04	0.00E+00	5.18E+02	5.07E-05	1.61E-03	1.72E-02	3.37E-03	2.73E+00	1.87E-07	6.99E-08	6.81E+00	9.27E-01	4.56E-03	1.15E-02	1.95E-02	2.32E+00	3.76E+01	1.50E+01	5.79E-08	8.16E-08	5.68E-03	1.32E-03	3.10E+00	3.34E-01	5.26E+01	3.55E-05	5.26E+01	5.60E+01	3.43E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-01
WH36912303C	1.24E-02	2.32E+00	5.92E-02	2.26E+00	1.33E-04	0.00E+00	5.12E+02	2.75E-05	1.46E-03	1.57E-02	2.45E-03	1.66E+00	1.55E-08	4.56E-08	4.32E+00	4.70E-01	3.31E-03	1.92E-02	1.56E-02	2.49E+00	3.55E+01	8.39E+00	1.38E-07	9.10E-08	5.18E-03	1.67E-03	2.38E+00	2.43E-01	4.39E+01	1.96E-05	4.39E+01	4.65E+01	2.62E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-01
WH36912303Q	9.98E-03	2.16E+00	5.88E-02	2.10E+00	2.18E-04	0.00E+00	5.15E+02	3.80E-05	1.45E-03	1.53E-02	3.17E-03	2.15E+00	9.96E-08	5.66E-08	5.43E+00	7.60E-01	4.29E-03	9.75E-03	1.70E-02	1.98E+00	3.38E+01	1.31E+01	4.90E-08	7.06E-08	5.04E-03	1.13E-03	2.71E+00	3.14E-01	4.68E+01	2.74E-05	4.68E+01	4.98E+01	3.02E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-01
WH36912349C	1.40E-02	2.56E+00	5.90E-02	2.50E+00	1.32E-04	0.00E+00	5.15E+02	2.76E-05	1.62E-03	1.74E-02	2.43E-03	1.70E+00	1.56E-08	4.67E-08	4.35E+00	4.66E-01	3.30E-03	1.92E-02	1.67E-02	2.50E+00	4.12E+01	8.36E+00	1.74E-07	9.96E-08	6.55E-03	1.69E-03	2.37E+00	2.41E-01	4.96E+01	1.96E-05	4.96E+01	5.22E+01	2.61E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-01
WH36912349Q	1.22E-02	2.49E+00	5.85E-02	2.43E+00	2.17E-04	0.00E+00	5.19E+02	3.81E-05	1.66E-03	1.77E-02	3.16E-03	2.20E+00	9.97E-08	5.81E-08	5.47E+00	7.56E-01	4.27E-03	9.73E-03	1.85E-02	1.99E+00	4.16E+01	1.30E+01	9.83E-08	8.24E-08	6.92E-03	1.16E-03	2.70E+00	3.13E-01	5.47E+01	2.74E-05	5.47E+01	5.77E+01	3.01E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-01
WH36912400C	1.31E-02	2.52E+00	6.85E-02	2.45E+00	1.40E-04	0.00E+00	5.12E+02	2.82E-05	1.58E-03	1.70E-02	2.44E-03	1.66E+00	1.55E-08	4.61E-08	4.34E+00	4.97E-01	3.30E-03	1.92E-02	1.66E-02	2.65E+00	3.81E+01	9.46E+00	1.40E-07	9.54E-08	5.58E-03	1.75E-03	2.48E+00	2.41E-01	4.75E+01	1.93E-05	4.75E+01	5.02E+01	2.72E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-01
WH36912400Q	1.15E-02	2.45E+00	7.02E-02	2.38E+00	2.65E-04	0.00E+00	5.18E+02	5.07E-05	1.61E-03	1.72E-02	3.37E-03	2.73E+00	1.87E-07	6.99E-08	6.81E+00	9.28E-01	4.56E-03	1.15E-02	1.95E-02	2.32E+00	3.76E+01	1.50E+01	5.79E-08	8.16E-08	5.68E-03	1.32E-03	3.10E+00	3.34E-01	5.26E+01	3.55E-05	5.26E+01	5.60E+01	3.43E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-01
WH36912403C	1.24E-02	2.31E+00	5.90E-02	2.25E+00	1.32E-04	0.00E+00	5.12E+02	2.75E-05	1.46E-03	1.57E-02	2.43E-03	1.66E+00	1.55E-08	4.56E-08	4.32E+00	4.66E-01	3.30E-03	1.92E-02	1.55E-02	2.48E+00	3.54E+01	8.34E+00	1.38E-07	9.09E-08	5.17E-03	1.67E-03	2.37E+00	2.41E-01	4.37E+01	1.96E-05	4.37E+01	4.63E+01	2.61E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-01
WH36912403Q	9.96E-03	2.15E+00	5.85E-02	2.09E+00	2.17E-04	0.00E+00	5.15E+02	3.79E-05	1.44E-03	1.53E-02	3.16E-03	2.15E+00	9.96E-08	5.65E-08	5.43E+00	7.56E-01	4.27E-03	9.73E-03	1.69E-02	1.97E+00	3.36E+01	1.30E+01	4.89E-08	7.04E-08	5.02E-03	1.13E-03	2.70E+00	3.13E-01	4.67E+01	2.74E-05	4.67E+01	4.97E+01	3.01E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-01
WH36912405C	1.24E-02	2.31E+00	5.80E-02	2.26E+00	1.27E-04	0.00E+00	5.12E+02	2.74E-05	1.47E-03	1.58E-02	2.41E-03	1.66E+00	1.55E-08	4.56E-08	4.31E+00	4.51E-01	3.27E-03	1.91E-02	1.54E-02	2.47E+00	3.55E+01	8.10E+00	1.42E-07	9.08E-08	5.23E-03	1.65E-03	2.34E+00	2.39E-01	4.36E+01	1.18E-03	4.36E+01	4.61E+01	2.58E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-01
WH36912405Q	1.01E-02	2.18E+00	5.85E-02	2.12E+00	2.15E-04	0.00E+00	5.15E+02	3.80E-05	1.47E-03	1.56E-02	3.18E-03	2.15E+00	9.96E-08	5.67E-08	5.43E+00	7.53E-01	4.31E-03	9.76E-03	1.69E-02	1.98E+00	3.41E+01	1.30E+01	5.25E-08	7.10E-08	5.14E-03	1.13E-03	2.70E+00	3.16E-01	4.71E+01	1.19E-03	4.71E+01	5.01E+01	3.01E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-01
WH36912449C	1.40E-02	2.56E+00	5.90E-02	2.50E+00	1.32E-04	0.00E+00	5.15E+02	2.76E-05	1.62E-03	1.74E-02	2.43E-03	1.70E+00	1.56E-08	4.67E-08	4.35E+00	4.66E-01	3.30E-03	1.92E-02	1.67E-02	2.50E+00	4.12E+01	8.36E+00	1.74E-07	9.96E-08	6.55E-03	1.69E-03	2.37E+00	2.41E-01	4.96E+01	1.96E-05	4.96E+01	5.22E+01	2.61E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-01
WH36912449Q	1.22E-02	2.49E+00	5.85E-02	2.43E+00	2.17E-04	0.00E+00	5.19E+02	3.81E-05	1.66E-03	1.77E-02	3.16E-03	2.20E+00	9.97E-08	5.81E-08	5.47E+00	7.56E-01	4.27E-03	9.73E-03	1.85E-02	1.99E+00	4.16E+01	1.30E+01	9.83E-08	8.24E-08	6.92E-03	1.16E-03	2.70E+00	3.13E-01	5.47E+01	2.74E-05	5.47E+01	5.77E+01	3.01E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-01
WH36912500C	1.72E-02	2.67E+00	6.29E-02	2.60E+00	1.29E-04	0.00E+00	1.01E+03	6.30E-05	1.76E-03	1.91E-02	2.80E-03	3.96E+00	2.08E-08	9.39E-08	9.84E+00	5.47E-01	3.79E-03	2.44E-02	2.19E-02	2.56E+00	4.38E+01	9.15E+00	1.61E-07	1.23E-07	6.28E-03	1.68E-03	3.47E+00	2.78E-01	5.29E+01	4.62E-05	5.29E+01	5.67E+01	3.75E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-01
WH36912500Q	1.60E-02	2.78E+00	7.45E-02	2.71E+00	2.70E-04	0.00E+00	1.02E+03	8.64E-05	1.88E-03	2.02E-02	3.69E-03	5.04E+00	1.92E-07	1.19E-07	1.24E+01	1.03E+00	5.00E-03	1.67E-02	2.61E-02	2.41E+00	4.54E+01	1.58E+01	8.08E-08	1.12E-07	6.69E-03	1.33E-03	4.23E+00	3.66E-01	6.12E+01	6.21E-05	6.12E+01	6.58E+01	4.60E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
WH36912503C	1.69E-02	2.63E+00	6.34E-02	2.57E+00	1.38E-04	0.00E+00	1.01E+03	6.33E-05	1.72E-03	1.87E-02	2.75E-03	3.96E+00	2.08E-08	9.43E-08	9.86E+00	5.70E-01	3.72E-03	2.43E-02	2.21E-02	2.57E+00	4.29E+01	9.23E+00	1.62E-07	1.22E-07	6.19E-03	1.69E-03	3.51E+00	2.72E-01	5.22E+01	4.62E-05	5.22E+01	5.60E+01	3.78E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-01
WH36912503Q	1.45E-02	2.49E+00	6.32E-02	2.42E+00	2.24E-04	0.00E+00	1.01E+03	7.38E-05	1.71E-03	1.84E-02	3.50E-03	4.45E+00	1.05E-07	1.05E-07	1.10E+01	8.65E-01	4.74E-03	1.49E-02	2.35E-02	2.07E+00	4.16E+01	1.39E+01	7.20E-08	1.01E-07	6.06E-03	1.15E-03	3.85E+00	3.47E-01	5.55E+01	5.39E-05	5.55E+01	5.97E+01	4.19E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
WH36912505C	1.69E-02	2.63E+00	6.34E-02	2.57E+00	1.37E-04	0.00E+00	1.01E+03	6.33E-05	1.72E-03	1.87E-02	2.74E-03	3.96E+00	2.08E-08	9.43E-08	9.86E+00	5.69E-01	3.71E-03	2.43E-02	2.20E-02	2.57E+00	4.29E+01	9.22E+00	1.62E-07	1.21E-07	6.19E-03	1.69E-03	3.50E+00	2.72E-01	5.21E+01	4.62E-05	5.21E+01	5.59E+01	3.78E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-01
WH36912505Q	1.46E-02	2.50E+00	6.51E-02	2.43E+00	2.20E-04	0.00E+00	1.01E+03	7.37E-05	1.72E-03	1.85E-02	3.46E-03	4.45E+00	1.05E-07	1.05E-07	1.10E+01	8.62E-01	4.68E-03	1.49E-02	2.37E-02	2.16E+00	4.18E+01	1.37E+01	7.27E-08	1.02E-07	6.11E-03	1.21E-03	3.89E+00	3.43E-01	5.55E+01	5.39E-05	5.55E+01	5.98E+01	4.24E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
WH36912549C	1.85E-02	2.88E+00	6.34E-02	2.82E+00	1.38E-04	0.00E+00	1.01E+03	6.34E-05	1.88E-03	2.04E-02	2.75E-03	4.00E+00	2.09E-08	9.55E-08	9.89E+00	5.70E-01	3.72E-03	2.43E-02	2.32E-02	2.59E+00	4.88E+01	9.25E+00	1.98E-07	1.30E-07	7.58E-03	1.71E-03	3.51E+00	2.72E-01	5.80E+01	4.62E-05	5.80E+01	6.18E+01	3.78E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-01
WH36912549Q	1.67E-02	2.81E+00	6.25E-02	2.74E+00	2.21E-04	0.00E+00	1.02E+03	7.38E-05	1.92E-03	2.06E-02	3.47E-03	4.51E+00	1.05E-07	1.07E-07	1.10E+01	8.56E-01	4.70E-03	1.49E-02	2.50E-02	2.07E+00	4.93E+01	1.38E+01	1.21E-07	1.13E-07	7.93E-03	1.18E-03	3.83E+00	3.44E-01	6.31E+01	5.39E-05	6.31E+01	6.73E+01	4.17E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
WH36912600C	1.72E-02	2.68E+00	6.35E-02	2.62E+00	1.31E-04	0.00E+00	1.01E+03	6.31E-05	1.77E-03	1.92E-02	2.83E-03	3.96E+00	2.09E-08	9.40E-08	9.85E+00	5.55E-01	3.83E-03	2.44E-02	2.20E-02	2.58E+00	4.40E+01	9.29E+00	1.61E-07	1.23E-07	6.32E-03	1.69E-03	3.49E+00	2.81E-01	5.33E+01	4.62E-05	5.33E+01	5.71E+01	3.77E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-01
WH36912600Q	1.60E-02	2.78E+00	7.44E-02	2.70E+00	2.70E-04	0.00E+00	1.02E+03	8.64E-05	1.88E-03	2.02E-02	3.69E-03	5.04E+00	1.92E-07	1.19E-07	1.24E+01	1.03E+00	4.99E-03	1.67E-02	2.61E-02	2.41E+00	4.54E+01	1.58E+01	8.08E-08	1.12E-07	6.69E-03	1.33E-03	4.23E+00	3.66E-01	6.12E+01	6.21E-05	6.12E+01	6.58E+01	4.60E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
WH36912603C	1.68E-02	2.62E+00	6.28E-02	2.55E+00	1.35E-04	0.00E+00	1.01E+03	6.32E-05	1.71E-03	1.86E-02	2.72E-03	3.96E+00	2.08E-08	9.42E-08	9.85E+00	5.62E-01	3.68E-03	2.43E-02	2.20E-02	2.55E+00	4.27E+01	9.09E+00	1.62E-07	1.21E-07	6.15E-03	1.67E-03	3.48E+00	2.69E-01	5.18E+01	4.62E-05	5.18E+01	5.55E+01	3.75E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-01
WH36912603Q	1.45E-02	2.47E+00	6.25E-02	2.40E+00	2.21E-04	0.00E+00	1.01E+03	7.37E-05	1.70E-03	1.83E-02	3.47E-03	4.45E+00	1.05E-07	1.05E-07	1.10E+01	8.56E-01	4.70E-03	1.49E-02	2.34E-02	2.04E+00	4.13E+01	1.38E+01	7.17E-08	1.01E-07	6.02E-03	1.14E-03	3.82E+00	3.44E-01	5.51E+01	5.39E-05	5.51E+01	5.93E+01	4.17E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
WH36912605C	1.70E-02	2.67E+00	6.77E-02	2.60E+00	1.29E-04	0.00E+00	1.01E+03	6.36E-05	1.75E-03	1.91E-02	2.46E-03	3.96E+00	2.06E-08	9.42E-08	9.85E+00	5.53E-01	3.32E-03	2.40E-02	2.27E-02	2.67E+00	4.32E+01	8.86E+00	1.61E-07	1.23E-07	6.29E-03	1.73E-03	3.52E+00	2.44E-01	5.20E+01	4.57E-05	5.20E+01	5.58E+01	3.77E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-01
WH36912605Q	1.45E-02	2.48E+00	6.30E-02	2.42E+00	2.23E-04	0.00E+00	1.01E+03	7.38E-05	1.71E-03	1.84E-02	3.50E-03	4.45E+00	1.05E-07	1.05E-07	1.10E+01	8.63E-01	4.73E-03	1.49E-02	2.35E-02	2.06E+00	4.16E+01	1.39E+01	7.19E-08	1.01E-07	6.06E-03	1.15E-03	3.84E+00	3.47E-01	5.55E+01	5.39E-05	5.55E+01	5.97E+01	4.19E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
WH36912649C	1.85E-02	2.88E+00	6.34E-02	2.82E+00	1.37E-04	0.00E+00	1.01E+03	6.34E-05	1.88E-03	2.04E-02	2.75E-03	4.00E+00	2.09E-08	9.54E-08	9.88E+00	5.70E-01	3.72E-03	2.43E-02	2.32E-02	2.59E+00	4.88E+01	9.24E+00	1.98E-07	1.30E-07	7.57E-03	1.71E-03	3.51E+00	2.72E-01	5.80E+01	4.62E-05	5.80E+01	6.18E+01	3.78E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-01
WH36912649Q	1.67E-02	2.81E+00	6.29E-02	2.74E+00	2.22E-04	0.00E+00	1.02E+03	7.39E-05	1.92E-03	2.07E-02	3.47E-03	4.51E+00	1.05E-07	1.07E-07	1.10E+01	8.60E-01	4.69E-03	1.49E-02	2.50E-02	2.08E+00	4.92E+01	1.39E+01	1.22E-07	1.13E-07	7.94E-03	1.18E-03	3.84E+00	3.44E-01	6.31E+01	5.39E-05	6.31E+01	6.73E+01	4.18E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
WH37580300D	2.25E-03	2.54E-01	-4.11E-03	2.58E-01	3.68E-06	0.00E+00	2.21E+02	3.26E-06	1.90E-04	2.05E-03	3.42E-04	8.00E-01	3.05E-09	1.76E-08	2.04E+00	1.80E-02	4.63E-04	1.75E-03	2.96E-03	1.45E-01	5.44E+00	1.07E+00	2.07E-08	1.48E-08	1.16E-03	7.57E-05	2.02E-01	1.26E-01	6.52E+00	9.09E-06	6.52E+00	6.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.27E-01
WH37580300DM	5.48E-03	6.87E-01	-3.75E-02	7.13E-01	4.40E-06	0.00E+00	2.68E+02	3.84E-05	5.51E-04	6.29E-03	7.82E-04	1.38E+00	1.12E-08	3.85E-08	3.91E+00	8.19E-02	1.14E-03	6.16E-03	8.44E-03	2.66E-01	1.35E+01	2.00E+00	3.44E-08	3.95E-08	2.12E-03	1.13E-04	4.58E-01	1.30E+00	1.61E+01	5.16E-05	1.61E+01	1.76E+01	1.36E+00	0.00E+00	0.00E+00	3.90E-10	3.94E-01
WH37580305D	2.15E-03	2.43E-01	2.95E-03	2.40E-01	3.60E-06	0.00E+00	2.05E+02	9.91E-06	1.72E-04	1.88E-03	2.98E-04	7.63E-01	2.06E-09	1.73E-08	1.74E+00	3.88E-02	4.03E-04	1.70E-03	2.94E-03	1.36E-01	4.43E+00	1.05E+00	2.02E-08	1.35E-08	1.12E-03	7.21E-05	1.67E-01	2.95E-02	5.48E+00	8.92E-06	5.48E+00	5.67E+00	1.97E-01	0.00E+00	0.00E+00	0.00E+00	1.26E-01
WH37580305DM	5.48E-03	6.87E-01	-3.75E-02	7.13E-01	4.40E-06	0.00E+00	2.67E+02	3.83E-05	5.52E-04	6.29E-03	7.82E-04	1.38E+00	1.12E-08	3.86E-08	3.90E+00	8.16E-02	1.14E-03	6.16E-03	8.44E-03	2.66E-01	1.35E+01	2.00E+00	3.44E-08	3.95E-08	2.12E-03	1.13E-04	4.57E-01	1.30E+00	1.61E+01	5.16E-05	1.61E+01	1.76E+01	1.36E+00	0.00E+00	0.00E+00	3.90E-10	3.94E-01
WH37580306DM	5.48E-03	6.87E-01	-3.75E-02	7.13E-01	4.40E-06	0.00E+00	2.67E+02	3.83E-05	5.52E-04	6.29E-03	7.82E-04	1.38E+00	1.12E-08	3.86E-08	3.90E+00	8.16E-02	1.14E-03	6.16E-03	8.44E-03	2.66E-01	1.35E+01	2.00E+00	3.44E-08	3.95E-08	2.12E-03	1.13E-04	4.57E-01	1.30E+00	1.61E+01	5.16E-05	1.61E+01	1.76E+01	1.36E+00	0.00E+00	0.00E+00	3.90E-10	3.94E-01
WH37581400D	1.67E-03	1.97E-01	-7.31E-03	2.04E-01	8.47E-09	0.00E+00	1.43E+02	1.17E-05	1.68E-04	1.80E-03	3.32E-04	3.07E-01	4.75E-08	1.54E-08	9.08E-01	2.13E-02	4.50E-04	1.69E-03	1.48E-02	4.42E-02	4.47E+00	6.31E-01	1.50E-08	9.15E-09	8.51E-04	1.37E-05	7.45E-02	1.25E-01	5.11E+00	4.86E-06	5.11E+00	5.30E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	6.34E-01
WH37581405D	1.93E-03	2.12E-01	2.66E-03	2.23E-01	1.86E-06	0.00E+00	1.61E+02	3.13E-05	1.27E-04	1.80E-03	2.58E-04	6.07E-01	4.66E-08	3.39E-08	4.04E+00	7.09E-02	3.32E-04	2.72E-03	1.72E-02	5.91E-02	4.29E+00	5.64E-01	1.94E-07	1.47E-08	8.63E-04	3.22E-05	2.27E-01	4.21E-02	4.94E+00	1.56E-05	4.94E+00	5.24E+00	2.91E-01	0.00E+00	0.00E+00	3.90E-10	6.83E-01
WH37581406D	1.96E-03	2.14E-01	2.40E-03	2.23E-01	1.85E-06	0.00E+00	1.63E+02	3.08E-05	1.27E-04	1.81E-03	2.58E-04	6.15E-01	4.67E-08	3.39E-08	4.04E+00	7.08E-02	3.32E-04	2.70E-03	1.71E-02	6.00E-02	4.29E+00	5.65E-01	1.94E-07	1.49E-08	8.62E-04	3.17E-05	2.48E-01	4.20E-02	4.94E+00	1.56E-05	4.94E+00	5.23E+00	2.94E-01	0.00E+00	0.00E+00	3.90E-10	6.83E-01
WH37581411D	1.76E-03	2.04E-01	1.25E-03	1.81E-01	3.61E-06	0.00E+00	1.96E+02	5.00E-05	1.33E-04	1.47E-03	1.81E-04	5.86E-01	1.28E-07	3.33E-08	3.56E+00	1.18E-01	2.96E-04	6.79E-03	1.75E-02	5.94E-02	3.36E+00	5.16E-01	1.66E-07	1.49E-08	4.73E-04	3.19E-05	2.59E-01	6.65E-02	3.74E+00	1.84E-05	3.74E+00	3.91E+00	3.09E-01	0.00E+00	0.00E+00	3.90E-10	6.86E-01
WH37581429D	1.72E-03	2.06E-01	1.37E-03	1.88E-01	2.65E-06	0.00E+00	1.88E+02	4.92E-05	1.33E-04	1.46E-03	1.82E-04	5.73E-01	1.25E-07	3.40E-08	3.53E+00	1.07E-01	2.96E-04	6.84E-03	1.74E-02	5.78E-02	3.38E+00	5.11E-01	1.70E-07	1.49E-08	4.69E-04	3.23E-05	2.60E-01	6.73E-02	3.76E+00	1.61E-05	3.76E+00	3.95E+00	3.16E-01	0.00E+00	0.00E+00	3.90E-10	6.85E-01
WH375814E	8.19E-04	1.03E-01	7.38E-04	1.03E-01	8.47E-09	0.00E+00	1.43E+02	1.15E-05	7.30E-05	8.04E-04	1.40E-04	3.25E-01	4.92E-08	8.45E-09	8.31E-01	2.12E-02	1.90E-04	1.47E-03	1.47E-02	2.43E-02	2.88E+00	1.88E-01	5.27E-09	5.95E-09	2.63E-04	8.29E-06	1.23E-01	1.39E-02	3.07E+00	5.14E-06	3.07E+00	3.21E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
WH37583300D	5.43E-03	6.87E-01	-3.76E-02	7.11E-01	5.40E-06	0.00E+00	2.71E+02	3.24E-05	5.51E-04	6.29E-03	7.82E-04	1.42E+00	1.13E-08	3.75E-08	3.78E+00	7.66E-02	1.14E-03	6.12E-03	8.47E-03	2.65E-01	1.33E+01	2.00E+00	3.43E-08	3.83E-08	2.12E-03	1.13E-04	4.60E-01	1.30E+00	1.60E+01	5.14E-05	1.60E+01	1.74E+01	1.29E+00	0.00E+00	0.00E+00	3.90E-10	3.92E-01
WH37583300DM	5.47E-03	6.87E-01	-3.75E-02	7.11E-01	5.61E-06	0.00E+00	2.69E+02	3.86E-05	5.51E-04	6.29E-03	7.82E-04	1.40E+00	1.14E-08	3.89E-08	3.93E+00	8.61E-02	1.14E-03	6.17E-03	8.45E-03	2.65E-01	1.33E+01	2.00E+00	3.45E-08	3.95E-08	2.12E-03	1.13E-04	4.60E-01	1.30E+00	1.60E+01	5.17E-05	1.60E+01	1.74E+01	1.36E+00	0.00E+00	0.00E+00	3.90E-10	3.95E-01
WH37583305D	5.43E-03	6.87E-01	-3.75E-02	7.11E-01	5.40E-06	0.00E+00	2.71E+02	3.24E-05	5.52E-04	6.29E-03	7.82E-04	1.42E+00	1.12E-08	3.75E-08	3.77E+00	7.65E-02	1.14E-03	6.12E-03	8.47E-03	2.65E-01	1.33E+01	2.00E+00	3.43E-08	3.83E-08	2.13E-03	1.13E-04	4.59E-01	1.30E+00	1.60E+01	5.14E-05	1.60E+01	1.74E+01	1.29E+00	0.00E+00	0.00E+00	3.90E-10	3.92E-01
WH37583306D	5.43E-03	6.87E-01	-3.75E-02	7.11E-01	5.40E-06	0.00E+00	2.71E+02	3.24E-05	5.52E-04	6.29E-03	7.82E-04	1.42E+00	1.12E-08	3.75E-08	3.77E+00	7.65E-02	1.14E-03	6.12E-03	8.47E-03	2.65E-01	1.33E+01	2.00E+00	3.43E-08	3.83E-08	2.13E-03	1.13E-04	4.59E-01	1.30E+00	1.60E+01	5.14E-05	1.60E+01	1.74E+01	1.29E+00	0.00E+00	0.00E+00	3.90E-10	3.92E-01
WH37585300D	2.25E-03	2.54E-01	-4.11E-03	2.58E-01	3.68E-06	0.00E+00	2.21E+02	3.26E-06	1.90E-04	2.05E-03	3.42E-04	8.00E-01	3.05E-09	1.76E-08	2.04E+00	1.80E-02	4.63E-04	1.75E-03	2.96E-03	1.45E-01	5.44E+00	1.07E+00	2.07E-08	1.48E-08	1.16E-03	7.57E-05	2.02E-01	1.26E-01	6.52E+00	9.09E-06	6.52E+00	6.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.27E-01
WH37585300DM	2.53E-03	2.94E-01	-4.14E-03	2.98E-01	3.68E-06	0.00E+00	2.21E+02	3.30E-06	2.32E-04	2.50E-03	3.62E-04	8.01E-01	3.17E-09	1.76E-08	2.05E+00	1.81E-02	4.90E-04	1.78E-03	3.19E-03	1.65E-01	5.87E+00	1.07E+00	2.08E-08	1.63E-08	1.29E-03	7.68E-05	2.45E-01	1.28E-01	6.95E+00	9.18E-06	6.95E+00	7.32E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
WH37585305D	2.16E-03	2.61E-01	-4.11E-03	2.65E-01	3.68E-06	0.00E+00	2.21E+02	3.31E-06	1.95E-04	2.12E-03	3.42E-04	8.02E-01	3.01E-09	1.73E-08	2.05E+00	1.80E-02	4.63E-04	1.75E-03	3.02E-03	1.51E-01	5.46E+00	7.50E-01	1.93E-08	1.43E-08	9.83E-04	7.61E-05	2.44E-01	1.26E-01	6.21E+00	1.07E-03	6.21E+00	6.58E+00	3.70E-01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
WH37585305DM	5.46E-03	6.88E-01	-3.74E-02	7.12E-01	4.36E-06	0.00E+00	2.71E+02	3.77E-05	5.49E-04	6.28E-03	7.82E-04	1.50E+00	1.12E-08	4.00E-08	3.63E+00	5.97E-02	1.14E-03	5.88E-03	8.36E-03	2.68E-01	1.35E+01	2.01E+00	3.47E-08	3.95E-08	2.12E-03	1.14E-04	4.55E-01	1.30E+00	1.61E+01	5.44E-05	1.61E+01	1.76E+01	1.36E+00	0.00E+00	0.00E+00	3.90E-10	3.91E-01
WH37585306D	2.15E-03	2.43E-01	2.95E-03	2.40E-01	3.60E-06	0.00E+00	2.05E+02	9.91E-06	1.72E-04	1.88E-03	2.98E-04	7.63E-01	2.06E-09	1.73E-08	1.74E+00	3.88E-02	4.03E-04	1.70E-03	2.94E-03	1.36E-01	4.43E+00	1.05E+00	2.02E-08	1.35E-08	1.12E-03	7.21E-05	1.67E-01	2.95E-02	5.48E+00	8.92E-06	5.48E+00	5.67E+00	1.97E-01	0.00E+00	0.00E+00	0.00E+00	1.26E-01
WH37585306DM	5.46E-03	6.88E-01	-3.74E-02	7.12E-01	4.36E-06	0.00E+00	2.71E+02	3.77E-05	5.49E-04	6.28E-03	7.82E-04	1.50E+00	1.12E-08	4.00E-08	3.63E+00	5.97E-02	1.14E-03	5.88E-03	8.36E-03	2.68E-01	1.35E+01	2.01E+00	3.47E-08	3.95E-08	2.12E-03	1.14E-04	4.55E-01	1.30E+00	1.61E+01	5.44E-05	1.61E+01	1.76E+01	1.36E+00	0.00E+00	0.00E+00	3.90E-10	3.91E-01
WH37586400D	1.46E-03	1.94E-01	-7.46E-03	2.01E-01	8.47E-09	0.00E+00	1.43E+02	1.17E-05	1.65E-04	1.78E-03	3.27E-04	3.28E-01	5.04E-08	9.14E-09	9.86E-01	2.14E-02	4.43E-04	1.69E-03	1.51E-02	5.56E-02	4.59E+00	6.26E-01	1.30E-08	9.53E-09	8.36E-04	1.43E-05	2.18E-01	1.27E-01	5.21E+00	5.31E-06	5.21E+00	5.56E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
WH37586405D	1.66E-03	1.95E-01	-7.29E-03	2.02E-01	8.47E-09	0.00E+00	1.43E+02	1.16E-05	1.67E-04	1.78E-03	3.29E-04	3.07E-01	4.75E-08	1.54E-08	9.02E-01	2.13E-02	4.45E-04	1.69E-03	1.48E-02	4.40E-02	4.40E+00	6.18E-01	1.47E-08	9.05E-09	8.38E-04	1.36E-05	7.00E-02	1.24E-01	5.02E+00	4.86E-06	5.02E+00	5.21E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	6.34E-01
WH37586406D	1.66E-03	1.95E-01	-7.30E-03	2.03E-01	8.47E-09	0.00E+00	1.43E+02	1.16E-05	1.67E-04	1.78E-03	3.30E-04	3.07E-01	4.75E-08	1.54E-08	8.96E-01	2.13E-02	4.48E-04	1.69E-03	1.48E-02	4.40E-02	4.37E+00	6.22E-01	1.48E-08	9.02E-09	8.42E-04	1.37E-05	6.50E-02	1.24E-01	4.99E+00	4.86E-06	4.99E+00	5.18E+00	1.89E-01	0.00E+00	0.00E+00	0.00E+00	6.34E-01
WH37586411D	1.70E-03	1.75E-01	1.19E-03	1.64E-01	2.12E-06	0.00E+00	1.61E+02	3.04E-05	1.08E-04	1.29E-03	1.79E-04	5.45E-01	4.61E-08	3.50E-08	2.85E+00	3.22E-02	2.90E-04	2.55E-03	1.51E-02	5.07E-02	3.32E+00	4.89E-01	1.10E-07	1.37E-08	4.40E-04	3.02E-05	2.45E-01	6.43E-02	3.71E+00	1.56E-05	3.71E+00	3.90E+00	2.32E-01	0.00E+00	0.00E+00	3.90E-10	6.24E-01
WH37586429D	1.68E-03	2.07E-01	1.36E-03	1.88E-01	2.62E-06	0.00E+00	1.87E+02	4.47E-05	1.32E-04	1.42E-03	1.79E-04	5.24E-01	1.16E-07	3.54E-08	2.93E+00	6.94E-02	2.96E-04	6.73E-03	1.54E-02	5.37E-02	3.38E+00	5.12E-01	1.61E-07	1.50E-08	4.69E-04	3.09E-05	2.59E-01	6.38E-02	3.76E+00	1.62E-05	3.76E+00	3.95E+00	2.53E-01	0.00E+00	0.00E+00	3.90E-10	6.19E-01
WH37588300D	5.43E-03	6.87E-01	-3.76E-02	7.11E-01	5.40E-06	0.00E+00	2.71E+02	3.24E-05	5.51E-04	6.29E-03	7.82E-04	1.42E+00	1.13E-08	3.75E-08	3.78E+00	7.66E-02	1.14E-03	6.12E-03	8.47E-03	2.65E-01	1.33E+01	2.00E+00	3.43E-08	3.83E-08	2.12E-03	1.13E-04	4.60E-01	1.30E+00	1.60E+01	5.14E-05	1.60E+01	1.74E+01	1.29E+00	0.00E+00	0.00E+00	3.90E-10	3.92E-01
WH37588305D	5.41E-03	6.88E-01	-3.75E-02	7.11E-01	5.39E-06	0.00E+00	2.75E+02	3.24E-05	5.49E-04	6.29E-03	7.82E-04	1.54E+00	1.12E-08	3.93E-08	3.54E+00	6.30E-02	1.14E-03	5.85E-03	8.39E-03	2.66E-01	1.33E+01	2.01E+00	3.46E-08	3.83E-08	2.12E-03	1.13E-04	4.57E-01	1.30E+00	1.60E+01	5.42E-05	1.60E+01	1.74E+01	1.29E+00	0.00E+00	0.00E+00	3.90E-10	3.89E-01
WH37588306D	5.41E-03	6.88E-01	-3.75E-02	7.11E-01	5.39E-06	0.00E+00	2.75E+02	3.24E-05	5.49E-04	6.29E-03	7.82E-04	1.54E+00	1.12E-08	3.93E-08	3.54E+00	6.30E-02	1.14E-03	5.85E-03	8.39E-03	2.66E-01	1.33E+01	2.01E+00	3.46E-08	3.83E-08	2.12E-03	1.13E-04	4.57E-01	1.30E+00	1.60E+01	5.42E-05	1.60E+01	1.74E+01	1.29E+00	0.00E+00	0.00E+00	3.90E-10	3.89E-01
WH37590200D	5.30E-03	7.21E-01	8.02E-03	7.26E-01	5.60E-06	0.00E+00	2.52E+02	3.89E-05	5.72E-04	6.36E-03	8.50E-04	1.28E+00	8.66E-08	3.51E-08	4.12E+00	1.09E-01	1.15E-03	1.03E-02	2.55E-02	2.63E-01	1.38E+01	1.86E+00	5.14E-08	4.30E-08	2.15E-03	1.06E-04	9.93E-01	1.87E-01	1.66E+01	2.51E-05	1.66E+01	1.81E+01	1.17E+00	0.00E+00	0.00E+00	3.90E-10	1.07E+00
WH37590205D	5.30E-03	7.21E-01	8.02E-03	7.26E-01	5.59E-06	0.00E+00	2.52E+02	3.89E-05	5.72E-04	6.36E-03	8.50E-04	1.28E+00	8.66E-08	3.54E-08	4.07E+00	1.09E-01	1.15E-03	1.03E-02	2.44E-02	2.63E-01	1.38E+01	1.86E+00	5.16E-08	4.30E-08	2.15E-03	1.06E-04	9.93E-01	1.87E-01	1.66E+01	2.46E-05	1.66E+01	1.81E+01	1.17E+00	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WH37590206D	1.94E-03	2.13E-01	2.00E-03	1.88E-01	1.21E-05	0.00E+00	2.76E+02	4.64E-05	1.34E-04	1.54E-03	1.83E-04	1.02E+00	7.49E-08	3.92E-08	4.22E+00	1.56E-01	2.93E-04	7.17E-03	2.35E-02	7.06E-02	3.41E+00	5.47E-01	1.94E-07	2.52E-08	5.26E-04	3.89E-05	4.98E-01	4.32E-02	3.82E+00	2.33E-05	3.82E+00	4.01E+00	3.54E-01	0.00E+00	0.00E+00	3.90E-10	8.97E-01
WH37593200D	8.73E-03	1.11E+00	-1.70E-01	1.09E+00	7.21E-06	0.00E+00	3.37E+03	3.97E-05	9.48E-04	1.03E-02	1.69E-03	3.03E+00	2.97E-08	7.18E-08	7.97E+00	1.48E-01	2.28E-03	1.01E-02	1.90E-02	4.22E-01	1.99E+01	4.05E+00	1.07E-07	6.69E-08	3.81E-03	1.55E-04	1.37E+00	2.27E+00	2.47E+01	5.24E-05	2.48E+01	2.61E+01	2.24E+00	0.00E+00	0.00E+00	3.90E-10	7.65E-01
WH37593205D	8.73E-03	1.11E+00	-1.71E-01	1.09E+00	7.25E-06	0.00E+00	3.37E+03	3.97E-05	9.48E-04	1.03E-02	1.69E-03	3.02E+00	2.97E-08	7.19E-08	7.97E+00	1.48E-01	2.28E-03	1.01E-02	1.90E-02	4.22E-01	1.99E+01	4.06E+00	1.07E-07	6.69E-08	3.81E-03	1.55E-04	1.37E+00	2.27E+00	2.47E+01	5.24E-05	2.48E+01	2.61E+01	2.24E+00	0.00E+00	0.00E+00	3.90E-10	7.65E-01
WH37595200D	3.79E-03	4.04E-01	-8.93E-03	4.13E-01	1.20E-06	0.00E+00	3.01E+02	3.26E-05	3.53E-04	3.80E-03	6.39E-04	1.20E+00	1.75E-07	3.00E-08	3.02E+00	6.69E-02	8.65E-04	4.67E-03	2.65E-02	1.34E-01	7.82E+00	1.19E+00	2.65E-08	2.41E-08	1.70E-03	2.65E-05	2.70E-01	1.87E-01	9.02E+00	1.76E-05	9.02E+00	9.47E+00	4.57E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+00
WH37595205D	1.82E-03	2.16E-01	1.55E-03	1.96E-01	9.67E-06	0.00E+00	2.46E+02	3.75E-05	1.36E-04	1.48E-03	1.85E-04	9.40E-01	8.71E-08	3.65E-08	3.02E+00	7.09E-02	2.93E-04	5.36E-03	2.15E-02	6.51E-02	3.77E+00	5.47E-01	1.77E-07	2.56E-08	4.88E-04	3.55E-05	5.35E-01	8.10E-02	3.99E+00	1.77E-05	3.99E+00	4.34E+00	2.93E-01	0.00E+00	0.00E+00	3.90E-10	8.43E-01
WH37595206D	1.91E-03	2.13E-01	2.01E-03	1.88E-01	1.25E-05	0.00E+00	2.91E+02	4.42E-05	1.34E-04	1.50E-03	1.81E-04	9.58E-01	7.54E-08	4.11E-08	3.66E+00	1.21E-01	2.93E-04	5.36E-03	2.12E-02	6.86E-02	3.79E+00	5.50E-01	1.86E-07	2.48E-08	5.25E-04	3.76E-05	4.64E-01	5.53E-02	4.02E+00	2.21E-05	4.02E+00	4.38E+00	3.01E-01	0.00E+00	0.00E+00	3.90E-10	8.43E-01
WH37596200D	6.29E-03	8.21E-01	-1.48E-02	8.53E-01	9.84E-06	0.00E+00	6.80E+02	3.97E-05	6.55E-04	6.78E-03	1.01E-03	1.55E+00	1.39E-08	3.83E-08	4.76E+00	1.20E-01	1.38E-03	8.82E-03	8.41E-03	2.88E-01	1.19E+01	2.46E+00	3.77E-08	4.69E-08	2.52E-03	1.24E-04	1.06E+00	5.05E-01	1.50E+01	2.69E-05	1.50E+01	1.62E+01	1.47E+00	0.00E+00	0.00E+00	3.90E-10	4.14E-01
WH37596205D	8.76E-03	1.10E+00	-1.70E-01	1.09E+00	7.24E-06	0.00E+00	3.37E+03	4.00E-05	9.50E-04	1.03E-02	1.69E-03	3.02E+00	2.97E-08	7.19E-08	7.95E+00	1.43E-01	2.28E-03	1.00E-02	1.90E-02	4.23E-01	1.98E+01	4.08E+00	1.07E-07	6.65E-08	3.82E-03	1.55E-04	1.37E+00	2.27E+00	2.46E+01	5.49E-05	2.46E+01	2.61E+01	2.22E+00	0.00E+00	0.00E+00	3.90E-10	7.65E-01
WH37596206D	8.66E-03	1.13E+00	-1.70E-01	1.14E+00	9.72E-06	0.00E+00	3.36E+03	4.04E-05	9.56E-04	1.03E-02	1.69E-03	3.06E+00	2.99E-08	7.06E-08	7.99E+00	1.48E-01	2.28E-03	1.04E-02	2.12E-02	4.04E-01	1.97E+01	4.06E+00	1.09E-07	6.56E-08	3.87E-03	1.55E-04	1.43E+00	2.27E+00	2.45E+01	5.70E-05	2.46E+01	2.58E+01	2.27E+00	0.00E+00	0.00E+00	3.90E-10	7.74E-01
WH37620300D	4.57E-03	4.07E-01	-4.26E-03	4.11E-01	3.61E-06	0.00E+00	3.86E+02	2.38E-05	3.13E-04	3.39E-03	5.91E-04	1.95E+00	9.84E-09	4.19E-08	4.53E+00	7.78E-02	8.00E-04	3.83E-03	6.82E-03	2.23E-01	7.54E+00	1.67E+00	3.75E-08	2.85E-08	1.93E-03	1.19E-04	2.67E-01	1.82E-01	9.21E+00	2.22E-05	9.21E+00	9.66E+00	4.49E-01	0.00E+00	0.00E+00	0.00E+00	2.93E-01
WH37620305D	5.72E-03	6.85E-01	-3.75E-02	7.12E-01	4.23E-06	0.00E+00	4.81E+02	3.64E-05	5.46E-04	6.27E-03	7.82E-04	2.13E+00	1.86E-08	4.05E-08	4.71E+00	9.82E-02	1.14E-03	6.71E-03	8.95E-03	2.61E-01	1.35E+01	2.00E+00	3.79E-08	3.94E-08	2.13E-03	1.18E-04	4.62E-01	1.41E+00	1.61E+01	5.35E-05	1.61E+01	1.76E+01	1.30E+00	0.00E+00	0.00E+00	3.90E-10	4.03E-01
WH37620306D	5.72E-03	6.85E-01	-3.75E-02	7.12E-01	4.23E-06	0.00E+00	4.81E+02	3.64E-05	5.46E-04	6.27E-03	7.82E-04	2.13E+00	1.86E-08	4.05E-08	4.71E+00	9.82E-02	1.14E-03	6.71E-03	8.95E-03	2.61E-01	1.35E+01	2.00E+00	3.79E-08	3.94E-08	2.13E-03	1.18E-04	4.62E-01	1.41E+00	1.61E+01	5.35E-05	1.61E+01	1.76E+01	1.30E+00	0.00E+00	0.00E+00	3.90E-10	4.03E-01
WH37620700D	6.02E-03	6.56E-01	-3.74E-02	6.90E-01	4.74E-06	0.00E+00	4.83E+02	3.85E-05	5.44E-04	6.22E-03	7.79E-04	2.25E+00	1.86E-08	4.29E-08	5.03E+00	1.03E-01	1.14E-03	6.83E-03	9.54E-03	2.76E-01	1.16E+01	2.00E+00	4.10E-08	3.99E-08	2.14E-03	1.17E-04	4.67E-01	1.41E+00	1.48E+01	5.35E-05	1.49E+01	1.61E+01	1.30E+00	0.00E+00	0.00E+00	3.90E-10	4.28E-01
WH37623300D	6.02E-03	6.55E-01	-3.74E-02	6.90E-01	4.63E-06	0.00E+00	4.81E+02	4.02E-05	5.44E-04	6.22E-03	7.79E-04	2.24E+00	1.85E-08	4.40E-08	4.74E+00	9.85E-02	1.14E-03	7.18E-03	9.57E-03	2.76E-01	1.16E+01	2.00E+00	4.13E-08	4.00E-08	2.14E-03	1.17E-04	4.65E-01	1.41E+00	1.48E+01	5.48E-05	1.48E+01	1.61E+01	1.26E+00	0.00E+00	0.00E+00	3.90E-10	4.27E-01
WH37623305D	5.91E-03	6.84E-01	-3.75E-02	7.12E-01	4.17E-06	0.00E+00	4.80E+02	3.77E-05	5.46E-04	6.27E-03	7.82E-04	2.23E+00	1.86E-08	4.04E-08	4.79E+00	9.76E-02	1.14E-03	6.73E-03	9.35E-03	2.62E-01	1.34E+01	2.00E+00	3.80E-08	3.99E-08	2.13E-03	1.17E-04	4.62E-01	1.41E+00	1.61E+01	5.42E-05	1.60E+01	1.75E+01	1.30E+00	0.00E+00	0.00E+00	3.90E-10	4.19E-01
WH37625300D	5.72E-03	6.85E-01	-3.75E-02	7.12E-01	4.23E-06	0.00E+00	4.81E+02	3.65E-05	5.46E-04	6.27E-03	7.82E-04	2.14E+00	1.86E-08	4.05E-08	4.72E+00	9.83E-02	1.14E-03	6.71E-03	8.95E-03	2.61E-01	1.35E+01	2.00E+00	3.79E-08	3.94E-08	2.13E-03	1.18E-04	4.63E-01	1.41E+00	1.61E+01	5.35E-05	1.61E+01	1.76E+01	1.30E+00	0.00E+00	0.00E+00	3.90E-10	4.03E-01
WH37625305D	5.71E-03	6.86E-01	-3.74E-02	7.12E-01	4.21E-06	0.00E+00	4.85E+02	3.68E-05	5.44E-04	6.27E-03	7.82E-04	2.16E+00	1.86E-08	4.21E-08	4.72E+00	9.22E-02	1.14E-03	6.42E-03	8.92E-03	2.62E-01	1.34E+01	2.01E+00	3.79E-08	3.94E-08	2.13E-03	1.18E-04	4.60E-01	1.41E+00	1.61E+01	5.62E-05	1.61E+01	1.76E+01	1.29E+00	0.00E+00	0.00E+00	3.90E-10	4.01E-01
WH37625306D	5.71E-03	6.86E-01	-3.74E-02	7.12E-01	4.21E-06	0.00E+00	4.85E+02	3.68E-05	5.44E-04	6.27E-03	7.82E-04	2.16E+00	1.86E-08	4.21E-08	4.72E+00	9.22E-02	1.14E-03	6.42E-03	8.92E-03	2.62E-01	1.34E+01	2.01E+00	3.79E-08	3.94E-08	2.13E-03	1.18E-04	4.60E-01	1.41E+00	1.61E+01	5.62E-05	1.61E+01	1.76E+01	1.29E+00	0.00E+00	0.00E+00	3.90E-10	4.01E-01
WH37625700D	5.90E-03	6.85E-01	-3.75E-02	7.13E-01	4.37E-06	0.00E+00	4.84E+02	3.79E-05	5.46E-04	6.27E-03	7.82E-04	2.24E+00	1.86E-08	4.09E-08	5.07E+00	9.89E-02	1.14E-03	6.85E-03	9.38E-03	2.63E-01	1.35E+01	2.00E+00	3.79E-08	3.98E-08	2.13E-03	1.18E-04	4.67E-01	1.41E+00	1.61E+01	5.46E-05	1.61E+01	1.76E+01	1.34E+00	0.00E+00	0.00E+00	3.90E-10	4.19E-01

WH37628306D	5.93E-03	6.86E-01	-3.74E-02	7.12E-01	4.16E-06	0.00E+00	4.84E+02	3.83E-05	5.44E-04	6.26E-03	7.82E-04	2.24E+00	1.86E-08	4.20E-08	4.77E+00	8.96E-02	1.14E-03	6.44E-03	9.32E-03	2.63E-01	1.34E+01	2.01E+00	3.81E-08	3.99E-08	2.13E-03	1.18E-04	4.60E-01	1.41E+00	1.61E+01	5.70E-05	1.61E+01	1.75E+01	1.29E+00	0.00E+00	0.00E+00	3.90E-10	4.17E-01
WH37629000D	1.97E-02	1.32E+00	-3.36E-02	1.36E+00	3.90E-05	0.00E+00	3.92E+02	2.65E-05	1.37E-03	1.48E-02	2.36E-03	1.98E+00	1.46E-08	4.62E-08	4.65E+00	1.83E-01	3.19E-03	5.88E-03	1.64E-02	4.32E-01	2.84E+01	5.92E+00	2.92E-07	1.15E-07	6.63E-03	2.45E-04	5.60E-01	7.23E-01	3.43E+01	1.02E-04	3.43E+01	3.56E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-01
WH37629100D	2.17E-02	1.90E+00	-3.62E-02	1.94E+00	3.36E-05	0.00E+00	3.93E+02	2.65E-05	1.71E-03	1.85E-02	2.79E-03	1.99E+00	1.51E-08	4.99E-08	4.74E+00	1.66E-01	3.77E-03	6.54E-02	2.14E-02	4.11E-01	6.89E+01	5.70E+00	2.89E-07	1.26E-07	7.83E-03	2.20E-04	8.18E-01	7.66E-01	7.46E+01	1.09E-04	7.46E+01	7.62E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-01
WH37640300D	5.97E-03	5.32E-01	-2.89E-03	5.35E-01	3.61E-06	0.00E+00	6.45E+02	3.27E-05	4.01E-04	4.35E-03	6.71E-04	2.69E+00	1.18E-08	5.78E-08	6.15E+00	9.60E-02	9.07E-04	4.81E-03	9.04E-03	2.55E-01	9.10E+00	2.02E+00	4.58E-08	3.70E-08	2.27E-03	1.30E-04	3.02E-01	1.90E-01	1.11E+01	3.04E-05	1.11E+01	1.16E+01	4.92E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-01
WH37640305D	5.88E-03	5.26E-01	7.09E-03	5.19E-01	3.61E-06	0.00E+00	6.45E+02	3.26E-05	3.82E-04	4.18E-03	6.03E-04	2.69E+00	1.06E-08	5.77E-08	6.02E+00	9.57E-02	8.16E-04	4.73E-03	8.97E-03	2.44E-01	8.86E+00	1.98E+00	4.48E-08	3.65E-08	2.19E-03	1.25E-04	3.26E-01	5.97E-02	1.08E+01	3.04E-05	1.08E+01	1.12E+01	3.85E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-01
WH37640306D	6.41E-03	6.86E-01	-3.88E-02	7.14E-01	3.79E-06	0.00E+00	6.60E+02	4.12E-05	5.48E-04	6.28E-03	7.82E-04	2.68E+00	1.87E-08	5.75E-08	6.37E+00	1.04E-01	1.14E-03	6.65E-03	1.00E-02	2.63E-01	1.34E+01	2.01E+00	4.04E-08	4.07E-08	2.16E-03	1.18E-04	4.60E-01	1.41E+00	1.61E+01	5.60E-05	1.61E+01	1.76E+01	1.28E+00	0.00E+00	0.00E+00	3.90E-10	4.23E-01
WH37640700D	6.10E-03	4.92E-01	7.65E-03	4.85E-01	4.77E-06	0.00E+00	4.93E+02	3.31E-05	3.64E-04	4.01E-03	6.24E-04	2.87E+00	9.97E-09	6.02E-08	6.46E+00	1.07E-01	8.44E-04	5.21E-03	9.55E-03	2.49E-01	8.83E+00	1.85E+00	4.49E-08	3.80E-08	2.20E-03	1.30E-04	3.71E-01	6.19E-02	1.07E+01	3.26E-05	1.07E+01	1.11E+01	4.33E-01	0.00E+00	0.00E+00	0.00E+00	4.10E-01
WH37640705D	6.55E-03	6.55E-01	-3.87E-02	6.90E-01	4.58E-06	0.00E+00	5.11E+02	4.32E-05	5.45E-04	6.22E-03	7.79E-04	2.83E+00	1.86E-08	5.97E-08	6.59E+00	1.08E-01	1.14E-03	6.65E-03	1.03E-02	2.76E-01	1.16E+01	2.00E+00	4.36E-08	4.09E-08	2.17E-03	1.18E-04	4.67E-01	1.41E+00	1.48E+01	5.53E-05	1.48E+01	1.61E+01	1.25E+00	0.00E+00	0.00E+00	3.90E-10	4.33E-01
WH37643300D	6.53E-03	6.61E-01	-3.88E-02	6.93E-01	3.82E-06	0.00E+00	6.59E+02	4.31E-05	5.46E-04	6.25E-03	7.79E-04	2.70E+00	1.88E-08	5.82E-08	6.36E+00	1.04E-01	1.14E-03	7.11E-03	1.02E-02	2.76E-01	1.16E+01	2.02E+00	4.36E-08	4.08E-08	2.18E-03	1.18E-04	4.65E-01	1.41E+00	1.48E+01	5.63E-05	1.48E+01	1.61E+01	1.25E+00	0.00E+00	0.00E+00	3.90E-10	4.31E-01
WH37643306D	6.41E-03	6.91E-01	-3.88E-02	7.16E-01	3.66E-06	0.00E+00	6.59E+02	4.12E-05	5.48E-04	6.30E-03	7.82E-04	2.69E+00	1.88E-08	5.73E-08	6.36E+00	1.03E-01	1.14E-03	6.65E-03	1.00E-02	2.63E-01	1.34E+01	2.02E+00	4.03E-08	4.06E-08	2.16E-03	1.18E-04	4.61E-01	1.41E+00	1.60E+01	5.60E-05	1.60E+01	1.76E+01	1.28E+00	0.00E+00	0.00E+00	3.90E-10	4.23E-01
WH37645300D	5.95E-03	5.29E-01	-2.93E-03	5.31E-01	3.61E-06	0.00E+00	6.45E+02	3.27E-05	3.99E-04	4.32E-03	6.66E-04	2.69E+00	1.18E-08	5.78E-08	6.15E+00	9.59E-02	9.01E-04	4.80E-03	9.03E-03	2.52E-01	9.03E+00	2.00E+00	4.55E-08	3.69E-08	2.25E-03	1.29E-04	3.00E-01	1.90E-01	1.10E+01	3.04E-05	1.10E+01	1.15E+01	4.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-01
WH37645305D	6.43E-03	6.87E-01	-3.87E-02	7.14E-01	3.80E-06	0.00E+00	6.60E+02	4.20E-05	5.45E-04	6.27E-03	7.82E-04	2.69E+00	1.87E-08	5.76E-08	6.37E+00	1.00E-01	1.14E-03	6.38E-03	1.00E-02	2.64E-01	1.34E+01	2.02E+00	4.05E-08	4.06E-08	2.16E-03	1.19E-04	4.58E-01	1.41E+00	1.61E+01	5.88E-05	1.61E+01	1.76E+01	1.27E+00	0.00E+00	0.00E+00	3.90E-10	4.22E-01
WH37645306D	6.43E-03	6.87E-01	-3.87E-02	7.14E-01	3.80E-06	0.00E+00	6.60E+02	4.20E-05	5.45E-04	6.27E-03	7.82E-04	2.69E+00	1.87E-08	5.76E-08	6.37E+00	1.00E-01	1.14E-03	6.38E-03	1.00E-02	2.64E-01	1.34E+01	2.02E+00	4.05E-08	4.06E-08	2.16E-03	1.19E-04	4.58E-01	1.41E+00	1.61E+01	5.88E-05	1.61E+01	1.76E+01	1.27E+00	0.00E+00	0.00E+00	3.90E-10	4.22E-01
WH37645700D	6.55E-03	6.55E-01	-3.88E-02	6.90E-01	4.52E-06	0.00E+00	5.09E+02	4.14E-05	5.44E-04	6.22E-03	7.79E-04	2.83E+00	1.86E-08	5.98E-08	6.59E+00	1.09E-01	1.14E-03	6.65E-03	1.02E-02	2.77E-01	1.16E+01	2.00E+00	4.33E-08	4.09E-08	2.17E-03	1.18E-04	4.66E-01	1.41E+00	1.48E+01	5.53E-05	1.48E+01	1.61E+01	1.25E+00	0.00E+00	0.00E+00	3.90E-10	4.33E-01
WH37645705D	6.45E-03	6.86E-01	-3.87E-02	7.13E-01	4.46E-06	0.00E+00	5.14E+02	4.21E-05	5.44E-04	6.27E-03	7.82E-04	2.83E+00	1.87E-08	5.96E-08	6.59E+00	1.01E-01	1.14E-03	6.40E-03	1.01E-02	2.64E-01	1.34E+01	2.01E+00	4.01E-08	4.07E-08	2.16E-03	1.18E-04	4.63E-01	1.41E+00	1.61E+01	5.94E-05	1.61E+01	1.75E+01	1.28E+00	0.00E+00	0.00E+00	3.90E-10	4.23E-01
WH37648300D	6.53E-03	6.61E-01	-3.88E-02	6.93E-01	3.82E-06	0.00E+00	6.59E+02	4.31E-05	5.46E-04	6.25E-03	7.79E-04	2.70E+00	1.88E-08	5.82E-08	6.36E+00	1.04E-01	1.14E-03	7.11E-03	1.02E-02	2.76E-01	1.16E+01	2.02E+00	4.36E-08	4.07E-08	2.18E-03	1.18E-04	4.65E-01	1.41E+00	1.48E+01	5.63E-05	1.48E+01	1.61E+01	1.25E+00	0.00E+00	0.00E+00	3.90E-10	4.31E-01
WH37648305D	6.43E-03	6.92E-01	-3.87E-02	7.16E-01	3.66E-06	0.00E+00	6.59E+02	4.18E-05	5.46E-04	6.29E-03	7.82E-04	2.70E+00	1.88E-08	5.74E-08	6.36E+00	9.85E-02	1.14E-03	6.39E-03	1.01E-02	2.64E-01	1.34E+01	2.03E+00	4.04E-08	4.05E-08	2.16E-03	1.18E-04	4.60E-01	1.41E+00	1.61E+01	5.87E-05	1.61E+01	1.76E+01	1.28E+00	0.00E+00	0.00E+00	3.90E-10	4.21E-01
WH37648306D	6.43E-03	6.92E-01	-3.87E-02	7.16E-01	3.66E-06	0.00E+00	6.59E+02	4.18E-05	5.46E-04	6.29E-03	7.82E-04	2.70E+00	1.88E-08	5.74E-08	6.36E+00	9.85E-02	1.14E-03	6.39E-03	1.01E-02	2.64E-01	1.34E+01	2.03E+00	4.04E-08	4.05E-08	2.16E-03	1.18E-04	4.60E-01	1.41E+00	1.61E+01	5.87E-05	1.61E+01	1.76E+01	1.28E+00	0.00E+00	0.00E+00	3.90E-10	4.21E-01
WH37649000D	2.10E-02	1.46E+00	7.19E-03	1.45E+00	3.90E-05	0.00E+00	6.51E+02	3.49E-05	1.41E-03	1.53E-02	2.21E-03	2.72E+00	1.18E-08	6.20E-08	6.13E+00	2.01E-01	3.00E-03	6.61E-03	1.85E-02	4.43E-01	2.96E+01	6.28E+00	3.00E-07	1.23E-07	6.87E-03	2.47E-04	7.06E-01	2.20E-01	3.59E+01	1.11E-04	3.59E+01	3.68E+01	9.25E-01	0.00E+00	0.00E+00	0.00E+00	7.95E-01
WH37649100D	2.31E-02	2.02E+00	-3.49E-02	2.06E+00	3.36E-05	0.00E+00	6.45E+02	3.54E-05	1.80E-03	1.94E-02	2.87E-03	2.72E+00	1.70E-08	6.57E-08	6.36E+00	1.84E-01	3.88E-03	6.64E-02	2.35E-02	4.42E-01	7.04E+01	6.03E+00	2.97E-07	1.34E-07	8.17E-03	2.31E-04	8.52E-01	7.74E-01	7.65E+01	1.17E-04	7.65E+01	7.81E+01	1.63E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
WH37660205D	7.59E-03	7.22E-01	8.80E-03	7.39E-01	2.59E-05	0.00E+00	4.89E+02	7.20E-05	6.13E-04	7.04E-03	8.47E-04	2.92E+00	3.72E-07	8.81E-08	7.95E+00	2.36E-01	1.15E-03	1.50E-02	4.55E-02	5.69E-01	1.23E+01	1.86E+00	5.34E-08	4.66E-08	2.32E-03	1.26E-04	5.12E-01	1.49E-01	1.56E+01	4.17E-05	1.56E+01	1.67E+01	1.07E+00	0.00E+00	0.00E+00	3.90E-10	2.33E+00
WH37660590D	4.63E-02	7.06E+00	-3.63E-02	7.10E+00	3.64E-05	0.00E+00	4.99E+02	7.55E-05	5.95E-03	6.34E-02	4.18E-03	1.13E+01	3.82E-07	8.85E-08	6.92E+00	2.63E-01	5.66E-03	1.29E-01	1.05E-01	3.30E+00	9.25E+01	1.64E+00	2.95E-07	4.33E-07	1.87E-02	3.81E-04	1.05E+00	9.04E-01	9.42E+01	1.72E-04	9.42E+01	9.61E+01	1.96E+00	0.00E+00	0.00E+00	0.00E+00	4.51E+00
WH37660900D	8.43E-03	1.08E+00	-2.30E-04	1.09E+00	3.69E-05	0.00E+00	8.52E+02	7.56E-05	7.54E-04	8.21E-03	1.49E-03	6.82E+00	3.63E-07	7.21E-08	6.47E+00	2.47E-01	2.02E-03	2.94E-02	6.62E-02	4.02E-01	2.01E+01	2.15E+00	1.56E-07	1.40E-07	2.84E-03	1.62E-04	6.83E-01	2.46E-01	2.22E+01	9.67E-05	2.22E+01	2.32E+01	9.29E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+00
WH37661000D	5.72E-03	4.71E-01	7.53E-03	4.64E-01	3.69E-05	0.00E+00	4.93E+02	7.03E-05	3.69E-04	4.06E-03	6.99E-04	2.61E+00	3.38E-07	1.07E-07	6.09E+00	2.44E-01	9.46E-04	9.79E-03	5.89E-02	1.23E-01	8.56E+00	1.50E+00	4.55E-08	3.48E-08	1.43E-03	6.53E-05	4.42E-01	6.93E-02	1.01E+01	3.78E-05	1.01E+01	1.06E+01	5.12E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+00
WH37661005D	1.16E-02	1.75E+00	-1.86E-01	2.07E+00	2.74E-05	0.00E+00	3.68E+03	7.63E-05	1.31E-03	1.43E-02	3.33E-03	4.54E+00	4.21E-07	9.83E-08	6.92E+00	2.45E-01	4.87E-03	2.02E-02	5.74E-02	1.11E+00	2.84E+01	6.59E+00	1.89E-07	9.20E-08	5.07E-03	2.00E-04	1.71E+00	2.25E+00	4.04E+01	7.21E-05	4.03E+01	4.54E+01	3.42E+00	0.00E+00	0.00E+00	3.90E-10	2.96E+00
WH37661006D	5.35E-03	4.56E-01	-1.99E-04	4.56E-01	3.63E-05	0.00E+00	4.91E+02	6.99E-05	3.62E-04	3.96E-03	7.58E-04	2.75E+00	3.60E-07	6.05E-08	6.43E+00	2.42E-01	1.03E-03	9.86E-03	6.11E-02	1.95E-01	8.30E+00	1.48E+00	3.16E-08	3.59E-08	1.39E-03	7.11E-05	5.55E-01	1.73E-01	9.78E+00	4.10E-05	9.78E+00	1.05E+01	7.28E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+00
WH37682100D	5.53E-03	1.58E+00	8.24E-03	1.38E+00	4.50E-06	0.00E+00	3.64E+02	3.16E-05	5.69E-04	6.57E-03	8.50E-04	1.37E+00	1.06E-08	7.41E-08	5.18E+00	7.43E-02	1.15E-03	5.91E-03	8.03E-03	4.61E-01	4.09E+01	2.03E+00	6.62E-08	2.21E-07	2.20E-03	1.54E-04	3.88E-01	1.45E-01	5.25E+01	6.48E-05	5.26E+01	5.31E+01	1.09E+00	0.00E+00	0.00E+00	3.90E-10	4.67E-01
WH37682200D	5.53E-03	1.58E+00	8.24E-03	1.38E+00	4.50E-06	0.00E+00	3.64E+02	3.16E-05	5.69E-04	6.57E-03	8.50E-04	1.37E+00	1.06E-08	7.41E-08	5.18E+00	7.43E-02	1.15E-03	5.91E-03	8.03E-03	4.61E-01	4.09E+01	2.03E+00	6.62E-08	2.21E-07	2.20E-03	1.54E-04	3.88E-01	1.45E-01	5.25E+01	6.48E-05	5.26E+01	5.31E+01	1.09E+00	0.00E+00	0.00E+00	3.90E-10	4.67E-01
WH37682300D	5.53E-03	1.58E+00	8.24E-03	1.38E+00	4.50E-06	0.00E+00	3.64E+02	3.16E-05	5.69E-04	6.57E-03	8.50E-04	1.37E+00	1.06E-08	7.41E-08	5.18E+00	7.43E-02	1.15E-03	5.91E-03	8.03E-03	4.61E-01	4.09E+01	2.03E+00	6.62E-08	2.21E-07	2.20E-03	1.54E-04	3.88E-01	1.45E-01	5.25E+01	6.48E-05	5.26E+01	5.31E+01	1.09E+00	0.00E+00	0.00E+00	3.90E-10	4.67E-01
WH37682400D	8.51E-03	1.95E+00	-1.68E-01	1.74E+00	4.34E-06	0.00E+00	3.15E+03	4.01E-05	9.53E-04	1.02E-02	1.68E-03	3.05E+00	2.92E-08	1.03E-07	5.00E+00	8.78E-02	2.28E-03	6.50E-03	1.99E-02	4.03E-01	2.51E+01	4.28E+00	1.45E-07	1.20E-07	3.87E-03	3.20E-04	1.10E+00	2.14E+00	3.74E+01	5.59E-05	3.74E+01	3.93E+01	2.66E+00	0.00E+00	0.00E+00	3.90E-10	7.20E-01
WH37682500D	8.51E-03	1.95E+00	-1.68E-01	1.74E+00	4.34E-06	0.00E+00	3.15E+03	4.01E-05	9.53E-04	1.02E-02	1.68E-03	3.05E+00	2.92E-08	1.03E-07	5.00E+00	8.78E-02	2.28E-03	6.50E-03	1.99E-02	4.03E-01	2.51E+01	4.28E+00	1.45E-07	1.20E-07	3.87E-03	3.20E-04	1.10E+00	2.14E+00	3.74E+01	5.59E-05	3.74E+01	3.93E+01	2.66E+00	0.00E+00	0.00E+00	3.90E-10	7.20E-01
WH37682600D	8.51E-03	1.95E+00	-1.68E-01	1.74E+00	4.34E-06	0.00E+00	3.15E+03	4.01E-05	9.53E-04	1.02E-02	1.68E-03	3.05E+00	2.92E-08	1.03E-07	5.00E+00	8.78E-02	2.28E-03	6.50E-03	1.99E-02	4.03E-01	2.51E+01	4.28E+00	1.45E-07	1.20E-07	3.87E-03	3.20E-04	1.10E+00	2.14E+00	3.74E+01	5.59E-05	3.74E+01	3.93E+01	2.66E+00	0.00E+00	0.00E+00	3.90E-10	7.20E-01
WH37683100D	8.49E-03	1.95E+00	-1.77E-01	1.74E+00	4.27E-06	0.00E+00	3.37E+03	4.64E-05	9.51E-04	1.01E-02	1.68E-03	3.04E+00	2.79E-08	7.25E-08	5.02E+00	8.88E-02	2.28E-03	7.47E-03	1.98E-02	4.01E-01	2.51E+01	4.28E+00	1.45E-07	1.20E-07	3.87E-03	1.91E-04	1.11E+00	2.24E+00	3.73E+01	5.78E-05	3.73E+01	3.93E+01	2.67E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH37683106D	8.49E-03	1.95E+00	-1.77E-01	1.74E+00	4.27E-06	0.00E+00	3.37E+03	4.64E-05	9.51E-04	1.01E-02	1.68E-03	3.04E+00	2.79E-08	7.25E-08	5.02E+00	8.88E-02	2.28E-03	7.47E-03	1.98E-02	4.01E-01	2.51E+01	4.28E+00	1.45E-07	1.20E-07	3.87E-03	1.91E-04	1.11E+00	2.24E+00	3.73E+01	5.78E-05	3.73E+01	3.93E+01	2.67E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH37683200D	8.49E-03	1.95E+00	-1.77E-01	1.74E+00	4.27E-06	0.00E+00	3.37E+03	4.64E-05	9.51E-04	1.01E-02	1.68E-03	3.04E+00	2.79E-08	7.25E-08	5.02E+00	8.88E-02	2.28E-03	7.47E-03	1.98E-02	4.01E-01	2.51E+01	4.28E+00	1.45E-07	1.20E-07	3.87E-03	1.91E-04	1.11E+00	2.24E+00	3.73E+01	5.78E-05	3.73E+01	3.93E+01	2.67E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH37683205D	8.49E-03	1.95E+00	-1.77E-01	1.74E+00	4.27E-06	0.00E+00	3.37E+03	4.64E-05	9.51E-04	1.01E-02	1.68E-03	3.04E+00	2.79E-08	7.25E-08	5.02E+00	8.88E-02	2.28E-03	7.47E-03	1.98E-02	4.01E-01	2.51E+01	4.28E+00	1.45E-07	1.20E-07	3.87E-03	1.91E-04	1.11E+00	2.24E+00	3.73E+01	5.78E-05	3.73E+01	3.93E+01	2.67E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH37683206D	8.49E-03	1.95E+00	-1.77E-01	1.74E+00	4.27E-06	0.00E+00	3.37E+03	4.64E-05	9.51E-04	1.01E-02	1.68E-03	3.04E+00	2.79E-08	7.25E-08	5.02E+00	8.88E-02	2.28E-03	7.47E-03	1.98E-02	4.01E-01	2.51E+01	4.28E+00	1.45E-07	1.20E-07	3.87E-03	1.91E-04	1.11E+00	2.24E+00	3.73E+01	5.78E-05	3.73E+01	3.93E+01	2.67E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH37683300D	8.49E-03	1.95E+00	-1.77E-01	1.74E+00	4.27E-06	0.00E+00	3.37E+03	4.64E-05	9.51E-04	1.01E-02	1.68E-03	3.04E+00	2.79E-08	7.25E-08	5.02E+00	8.88E-02	2.28E-03	7.47E-03	1.98E-02	4.01E-01	2.51E+01	4.28E+00	1.45E-07	1.20E-07	3.87E-03	1.91E-04	1.11E+00	2.24E+00	3.73E+01	5.78E-05	3.73E+01	3.93E+01	2.67E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH37683305D	8.49E-03	1.95E+00	-1.77E-01	1.74E+00	4.27E-06	0.00E+00	3.37E+03	4.64E-05	9.51E-04	1.01E-02	1.68E-03	3.04E+00	2.79E-08	7.25E-08	5.02E+00	8.88E-02	2.28E-03	7.47E-03	1.98E-02	4.01E-01	2.51E+01	4.28E+00	1.45E-07	1.20E-07	3.87E-03	1.91E-04	1.11E+00	2.24E+00	3.73E+01	5.78E-05	3.73E+01	3.93E+01	2.67E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH37683306D	8.49E-03	1.95E+00	-1.77E-01	1.74E+00	4.27E-06	0.00E+00	3.37E+03	4.64E-05	9.51E-04	1.01E-02	1.68E-03	3.04E+00	2.79E-08	7.25E-08	5.02E+00	8.88E-02	2.28E-03	7.47E-03	1.98E-02	4.01E-01	2.51E+01	4.28E+00	1.45E-07	1.20E-07	3.87E-03	1.91E-04	1.11E+00	2.24E+00	3.73E+01	5.78E-05	3.73E+01	3.93E+01	2.67E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH37683400D	5.54E-03	1.57E+00	8.26E-03	1.38E+00	4.46E-06	0.00E+00	3.82E+02	3.90E-05	5.69E-04	6.55E-03	8.50E-04	1.39E+00	1.25E-08	7.43E-08	5.33E+00	7.75E-02	1.15E-03	6.82E-03	8.32E-03	4.60E-01	4.11E+01	2.03E+00	6.63E-08	2.21E-07	2.20E-03	3.03E-04	3.88E-01	1.45E-01	5.26E+01	6.71E-05	5.26E+01	5.32E+01	1.09E+00	0.00E+00	0.00E+00	3.90E-10	4.84E-01
WH37683406D	8.49E-03	1.95E+00	-1.68E-01	1.74E+00	4.27E-06	0.00E+00	3.15E+03	4.66E-05	9.51E-04	1.01E-02	1.68E-03	3.05E+00	2.93E-08	1.04E-07	5.02E+00	8.89E-02	2.28E-03	7.46E-03	2.00E-02	4.01E-01	2.51E+01	4.28E+00	1.45E-07	1.20E-07	3.87E-03	3.19E-04	1.11E+00	2.14E+00	3.73E+01	5.77E-05	3.74E+01	3.93E+01	2.67E+00	0.00E+00	0.00E+00	3.90E-10	7.37E-01
WH37683500D	5.54E-03	1.57E+00	8.26E-03	1.38E+00	4.46E-06	0.00E+00	3.82E+02	3.90E-05	5.69E-04	6.55E-03	8.50E-04	1.39E+00	1.25E-08	7.43E-08	5.33E+00	7.75E-02	1.15E-03	6.82E-03	8.32E-03	4.60E-01	4.11E+01	2.03E+00	6.63E-08	2.21E-07	2.20E-03	3.03E-04	3.88E-01	1.45E-01	5.26E+01	6.71E-05	5.26E+01	5.32E+01	1.09E+00	0.00E+00	0.00E+00	3.90E-10	4.84E-01
WH37683506D	8.49E-03	1.95E+00	-1.68E-01	1.74E+00	4.27E-06	0.00E+00	3.15E+03	4.66E-05	9.51E-04	1.01E-02	1.68E-03	3.05E+00	2.93E-08	1.04E-07	5.02E+00	8.89E-02	2.28E-03	7.46E-03	2.00E-02	4.01E-01	2.51E+01	4.28E+00	1.45E-07	1.20E-07	3.87E-03	3.19E-04	1.11E+00	2.14E+00	3.73E+01	5.77E-05	3.74E+01	3.93E+01	2.67E+00	0.00E+00	0.00E+00	3.90E-10	7.37E-01
WH37683600D	5.54E-03	1.57E+00	8.26E-03	1.38E+00	4.46E-06	0.00E+00	3.82E+02	3.90E-05	5.69E-04	6.55E-03	8.50E-04	1.39E+00	1.25E-08	7.43E-08	5.33E+00	7.75E-02	1.15E-03	6.82E-03	8.32E-03	4.60E-01	4.11E+01	2.03E+00	6.63E-08	2.21E-07	2.20E-03	3.03E-04	3.88E-01	1.45E-01	5.26E+01	6.71E-05	5.26E+01	5.32E+01	1.09E+00	0.00E+00	0.00E+00	3.90E-10	4.84E-01
WH37683606D	8.49E-03	1.95E+00	-1.68E-01	1.74E+00	4.27E-06	0.00E+00	3.15E+03	4.66E-05	9.51E-04	1.01E-02	1.68E-03	3.05E+00	2.93E-08	1.04E-07	5.02E+00	8.89E-02	2.28E-03	7.46E-03	2.00E-02	4.01E-01	2.51E+01	4.28E+00	1.45E-07	1.20E-07	3.87E-03	3.19E-04	1.11E+00	2.14E+00	3.73E+01	5.77E-05	3.74E+01	3.93E+01	2.67E+00	0.00E+00	0.00E+00	3.90E-10	7.37E-01
WH37685300D	6.51E-03	1.50E+00	-4.44E-02	1.35E+00	3.68E-06	0.00E+00	1.19E+03	5.02E-05	5.46E-04	6.21E-03	7.79E-04	2.69E+00	2.17E-08	7.20E-08	6.36E+00	1.09E-01	1.14E-03	7.23E-03	1.05E-02	4.49E-01	3.98E+01	2.01E+00	7.50E-08	2.21E-07	2.18E-03	3.09E-04	4.60E-01	1.55E+00	5.15E+01	5.58E-05	5.15E+01	5.19E+01	1.23E+00	0.00E+00	0.00E+00	3.90E-10	5.25E-01
WH37685400D	6.51E-03	1.50E+00	-4.44E-02	1.35E+00	3.68E-06	0.00E+00	1.19E+03	5.02E-05	5.46E-04	6.21E-03	7.79E-04	2.69E+00	2.17E-08	7.20E-08	6.36E+00	1.09E-01	1.14E-03	7.23E-03	1.05E-02	4.49E-01	3.98E+01	2.01E+00	7.50E-08	2.21E-07	2.18E-03	3.09E-04	4.60E-01	1.55E+00	5.15E+01	5.58E-05	5.15E+01	5.19E+01	1.23E+00	0.00E+00	0.00E+00	3.90E-10	5.25E-01
WH37685500D	6.51E-03	1.50E+00	-4.44E-02	1.35E+00	3.68E-06	0.00E+00	1.19E+03	5.02E-05	5.46E-04	6.21E-03	7.79E-04	2.69E+00	2.17E-08	7.20E-08	6.36E+00	1.09E-01	1.14E-03	7.23E-03	1.05E-02	4.49E-01	3.98E+01	2.01E+00	7.50E-08	2.21E-07	2.18E-03	3.09E-04	4.60E-01	1.55E+00	5.15E+01	5.58E-05	5.15E+01	5.19E+01	1.23E+00	0.00E+00	0.00E+00	3.90E-10	5.25E-01
WH37687000D	8.96E-03	1.95E+00	-1.77E-01	1.74E+00	4.28E-06	0.00E+00	3.45E+03	4.87E-05	9.54E-04	1.03E-02	1.68E-03	2.98E+00	2.87E-08	7.44E-08	5.14E+00	1.06E-01	2.28E-03	7.76E-03	1.99E-02	4.02E-01	2.53E+01	4.31E+00	1.49E-07	1.18E-07	3.92E-03	1.95E-04	1.16E+00	2.34E+00	3.78E+01	5.74E-05	3.78E+01	3.99E+01	2.71E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH37687100D	8.96E-03	1.95E+00	-1.77E-01	1.74E+00	4.28E-06	0.00E+00	3.45E+03	4.87E-05	9.54E-04	1.03E-02	1.68E-03	2.98E+00	2.87E-08	7.44E-08	5.14E+00	1.06E-01	2.28E-03	7.76E-03	1.99E-02	4.02E-01	2.53E+01	4.31E+00	1.49E-07	1.18E-07	3.92E-03	1.95E-04	1.16E+00	2.34E+00	3.78E+01	5.74E-05	3.78E+01	3.99E+01	2.71E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH37687200D	8.96E-03	1.95E+00	-1.77E-01	1.74E+00	4.28E-06	0.00E+00	3.45E+03	4.87E-05	9.54E-04	1.03E-02	1.68E-03	2.98E+00	2.87E-08	7.44E-08	5.14E+00	1.06E-01	2.28E-03	7.76E-03	1.99E-02	4.02E-01	2.53E+01	4.31E+00	1.49E-07	1.18E-07	3.92E-03	1.95E-04	1.16E+00	2.34E+00	3.78E+01	5.74E-05	3.78E+01	3.99E+01	2.71E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH37687300D	9.18E-03	1.96E+00	-1.78E-01	1.75E+00	3.70E-06	0.00E+00	3.45E+03	5.05E-05	9.59E-04	1.04E-02	1.68E-03	3.11E+00	2.79E-08	7.55E-08	6.17E+00	1.12E-01	2.28E-03	7.65E-03	2.03E-02	4.00E-01	2.51E+01	4.35E+00	1.49E-07	1.18E-07	3.91E-03	1.97E-04	1.16E+00	2.34E+00	3.78E+01	5.60E-05	3.79E+01	3.97E+01	2.70E+00	0.00E+00	0.00E+00	3.90E-10	7.43E-01
WH37687305D	9.15E-03	1.96E+00	-1.78E-01	1.75E+00	3.74E-06	0.00E+00	3.45E+03	5.06E-05	9.55E-04	1.03E-02	1.68E-03	3.10E+00	2.91E-08	7.48E-08	6.18E+00	1.10E-01	2.28E-03	7.68E-03	2.02E-02	4.03E-01	2.53E+01	4.35E+00	1.49E-07	1.18E-07	3.92E-03	1.97E-04	1.15E+00	2.34E+00	3.79E+01	5.78E-05	3.79E+01	3.98E+01	2.70E+00	0.00E+00	0.00E+00	3.90E-10	7.31E-01
WH37687400D	1.23E-02	1.26E+00	7.49E-03	1.25E+00	3.61E-06	0.00E+00	2.18E+03	5.13E-05	1.03E-03	1.12E-02	1.59E-03	2.71E+00	2.00E-08	7.08E-08	6.09E+00	1.09E-01	2.15E-03	5.87E-03	1.27E-02	4.33E-01	2.14E+01	4.88E+00	1.44E-07	7.57E-08	4.55E-03	2.48E-04	5.86E-01	1.57E-01	2.63E+01	5.96E-05	2.63E+01	2.70E+01	7.44E-01	0.00E+00	0.00E+00	0.00E+00	5.43E-01
WH37687405D	9.15E-03	1.96E+00	-1.78E-01	1.75E+00	3.74E-06	0.00E+00	3.45E+03	5.06E-05	9.55E-04	1.03E-02	1.68E-03	3.10E+00	2.91E-08	7.48E-08	6.18E+00	1.10E-01	2.28E-03	7.68E-03	2.02E-02	4.03E-01	2.53E+01	4.35E+00	1.49E-07	1.18E-07	3.92E-03	1.97E-04	1.15E+00	2.34E+00	3.79E+01	5.78E-05	3.79E+01	3.98E+01	2.70E+00	0.00E+00	0.00E+00	3.90E-10	7.31E-01
WH37687500D	9.18E-03	1.96E+00	-1.78E-01	1.75E+00	3.70E-06	0.00E+00	3.45E+03	5.05E-05	9.59E-04	1.04E-02	1.68E-03	3.11E+00	2.79E-08	7.55E-08	6.17E+00	1.12E-01	2.28E-03	7.65E-03	2.03E-02	4.00E-01	2.51E+01	4.35E+00	1.49E-07	1.18E-07	3.91E-03	1.97E-04	1.16E+00	2.34E+00	3.78E+01	5.60E-05	3.79E+01	3.97E+01	2.70E+00	0.00E+00	0.00E+00	3.90E-10	7.43E-01
WH37687505D	9.15E-03	1.96E+00	-1.78E-01	1.75E+00	3.74E-06	0.00E+00	3.45E+03	5.06E-05	9.55E-04	1.03E-02	1.68E-03	3.10E+00	2.91E-08	7.48E-08	6.18E+00	1.10E-01	2.28E-03	7.68E-03	2.02E-02	4.03E-01	2.53E+01	4.35E+00	1.49E-07	1.18E-07	3.92E-03	1.97E-04	1.15E+00	2.34E+00	3.79E+01	5.78E-05	3.79E+01	3.98E+01	2.70E+00	0.00E+00	0.00E+00	3.90E-10	7.31E-01
WH37687506D	9.15E-03	1.96E+00	-1.78E-01	1.75E+00	3.74E-06	0.00E+00	3.45E+03	5.06E-05	9.55E-04	1.03E-02	1.68E-03	3.10E+00	2.91E-08	7.48E-08	6.18E+00	1.10E-01	2.28E-03	7.68E-03	2.02E-02	4.03E-01	2.53E+01	4.35E+00	1.49E-07	1.18E-07	3.92E-03	1.97E-04	1.15E+00	2.34E+00	3.79E+01	5.78E-05	3.79E+01	3.98E+01	2.70E+00	0.00E+00	0.00E+00	3.90E-10	7.31E-01
WH37687600D	9.01E-03	1.96E+00	-1.68E-01	1.74E+00	4.57E-06	0.00E+00	3.22E+03	4.92E-05	9.58E-04	1.04E-02	1.68E-03	2.99E+00	2.89E-08	1.05E-07	5.09E+00	1.08E-01	2.28E-03	7.72E-03	2.03E-02	4.00E-01	2.51E+01	4.32E+00	1.49E-07	1.18E-07	3.91E-03	3.22E-04	1.18E+00	2.24E+00	3.78E+01	5.57E-05	3.78E+01	3.99E+01	2.70E+00	0.00E+00	0.00E+00	3.90E-10	7.48E-01
WH37687605D	8.96E-03	1.95E+00	-1.68E-01	1.74E+00	4.28E-06	0.00E+00	3.22E+03	4.89E-05	9.54E-04	1.03E-02	1.68E-03	2.98E+00	3.01E-08	1.05E-07	5.14E+00	1.06E-01	2.28E-03	7.76E-03	2.02E-02	4.02E-01	2.53E+01	4.31E+00	1.49E-07	1.18E-07	3.92E-03	3.22E-04	1.16E+00	2.24E+00	3.78E+01	5.73E-05	3.79E+01	3.99E+01	2.71E+00	0.00E+00	0.00E+00	3.90E-10	7.38E-01
WH37687700D	1.24E-02	2.02E+00	-1.68E-01	1.80E+00	4.55E-06	0.00E+00	3.22E+03	5.54E-05	1.37E-03	1.28E-02	1.68E-03	3.01E+00	2.95E-08	1.25E-07	5.14E+00	1.09E-01	2.28E-03	7.80E-03	2.02E-02	4.36E-01	2.79E+01	4.29E+00	1.56E-07	1.30E-07	4.49E-03	3.83E-04	1.19E+00	2.24E+00	3.98E+01	7.01E-05	3.97E+01	4.18E+01	2.73E+00	0.00E+00	0.00E+00	3.90E-10	7.34E-01
WH37687800D	1.24E-02	2.02E+00	-1.68E-01	1.80E+00	4.55E-06	0.00E+00	3.22E+03	5.54E-05	1.37E-03	1.28E-02	1.68E-03	3.01E+00	2.95E-08	1.25E-07	5.14E+00	1.09E-01	2.28E-03	7.80E-03	2.02E-02	4.36E-01	2.79E+01	4.29E+00	1.56E-07	1.30E-07	4.49E-03	3.83E-04	1.19E+00	2.24E+00	3.98E+01	7.01E-05	3.97E+01	4.18E+01	2.73E+00	0.00E+00	0.00E+00	3.90E-10	7.34E-01
WH37693300D	5.41E-03	1.54E+00	8.18E-03	1.36E+00	1.11E-05	0.00E+00	4.01E+02	4.24E-05	5.71E-04	6.42E-03	8.47E-04	1.30E+00	7.95E-08	8.22E-08	5.10E+00	1.38E-01	1.15E-03	8.22E-03	2.44E-02	4.48E-01	4.00E+01	1.88E+00	8.03E-08	2.23E-07	2.13E-03	1.47E-04	8.60E-01	1.79E-01	5.23E+01	6.45E-05	5.23E+01	5.26E+01	1.07E+00	0.00E+00	0.00E+00	3.90E-10	1.03E+00
WH37693400D	5.42E-03	1.54E+00	8.20E-03	1.36E+00	1.10E-05	0.00E+00	4.06E+02	4.73E-05	5.72E-04	6.41E-03	8.47E-04	1.30E+00	7.90E-08	8.16E-08	5.17E+00	1.39E-01	1.15E-03	8.44E-03	2.73E-02	4.48E-01	4.00E+01	1.87E+00	8.03E-08	2.23E-07	2.12E-03	2.98E-04	8.62E-01	1.81E-01	5.24E+01	6.57E-05	5.23E+01	5.26E+01	1.09E+00	0.00E+00	0.00E+00	3.90E-10	1.12E+00
WH37732100D	6.63E-03	1.55E+00	7.83E-03	1.37E+00	4.10E-06	0.00E+00	1.18E+03	3.98E-05	5.64E-04	6.59E-03	8.47E-04	2.70E+00	1.34E-08	7.14E-08	6.33E+00	1.09E-01	1.15E-03	6.40E-03	9.85E-03	4.70E-01	4.00E+01	2.04E+00	7.66E-08	2.22E-07	2.28E-03	1.58E-04	3.93E-01	1.32E-01	5.20E+01	7.13E-05	5.21E+01	5.25E+01	1.03E+00	0.00E+00	0.00E+00	3.90E-10	4.90E-01
WH37732200D	6.63E-03	1.55E+00	7.83E-03	1.37E+00	4.10E-06	0.00E+00	1.18E+03	3.98E-05	5.64E-04	6.59E-03	8.47E-04	2.70E+00	1.34E-08	7.14E-08	6.33E+00	1.09E-01	1.15E-03	6.40E-03	9.85E-03	4.70E-01	4.00E+01	2.04E+00	7.66E-08	2.22E-07	2.28E-03	1.58E-04	3.93E-01	1.32E-01	5.20E+01	7.13E-05	5.21E+01	5.25E+01	1.03E+00	0.00E+00	0.00E+00	3.90E-10	4.90E-01
WH37732300D	6.63E-03	1.55E+00	7.83E-03	1.37E+00	4.10E-06	0.00E+00	1.18E+03	3.98E-05	5.64E-04	6.59E-03	8.47E-04	2.70E+00	1.34E-08	7.14E-08	6.33E+00	1.09E-01	1.15E-03	6.40E-03	9.85E-03	4.70E-01	4.00E+01	2.04E+00	7.66E-08	2.22E-07	2.28E-03	1.58E-04	3.93E-01	1.32E-01	5.20E+01	7.13E-05	5.21E+01	5.25E+01	1.03E+00	0.00E+00	0.00E+00	3.90E-10	4.90E-01
WH37733100D	6.63E-03	1.55E+00	7.83E-03	1.37E+00	4.10E-06	0.00E+00	1.18E+03	4.01E-05	5.64E-04	6.59E-03	8.47E-04	2.70E+00	1.47E-08	7.14E-08	6.33E+00	1.09E-01	1.15E-03	6.40E-03	9.86E-03	4.70E-01	4.00E+01	2.04E+00	7.66E-08	2.22E-07	2.28E-03	3.07E-04	3.93E-01	1.32E-01	5.20E+01	7.13E-05	5.21E+01	5.25E+01	1.03E+00	0.00E+00	0.00E+00	3.90E-10	4.91E-01
WH37733200D	6.61E-03	1.55E+00	7.84E-03	1.36E+00	4.05E-06	0.00E+00	1.18E+03	4.35E-05	5.64E-04	6.58E-03	8.47E-04	2.69E+00	1.51E-08	7.10E-08	6.33E+00	1.10E-01	1.15E-03	7.27E-03	1.01E-02	4.70E-01	4.00E+01	2.04E+00	7.67E-08	2.22E-07	2.28E-03	3.07E-04	3.91E-01	1.34E-01	5.21E+01	7.17E-05	5.21E+01	5.25E+01	1.03E+00	0.00E+00	0.00E+00	3.90E-10	5.03E-01
WH37733300D	6.61E-03	1.55E+00	7.84E-03	1.36E+00	4.05E-06	0.00E+00	1.18E+03	4.35E-05	5.64E-04	6.58E-03	8.47E-04	2.69E+00	1.51E-08	7.10E-08	6.33E+00	1.10E-01	1.15E-03	7.27E-03	1.01E-02	4.70E-01	4.00E+01	2.04E+00	7.67E-08	2.22E-07	2.28E-03	3.07E-04	3.91E-01	1.34E-01	5.21E+01	7.17E-05	5.21E+01	5.25E+01	1.03E+00	0.00E+00	0.00E+00	3.90E-10	5.03E-01
WH37893400D	8.46E-03	1.97E+00	-1.68E-01	1.77E+00	1.13E-05	0.00E+00	3.16E+03	4.31E-05	9.60E-04	1.02E-02	1.68E-03	3.36E+00	1.86E-07	1.09E-07	5.80E+00	1.75E-01	2.26E-03	1.31E-02	3.47E-02	4.40E-01	2.59E+01	3.28E+00	1.56E-07	1.31E-07	3.87E-03	3.18E-04	1.44E+00	2.26E+00	3.78E+01	6.78E-05	3.78E+01	3.97E+01	2.78E+00	0.00E+00	0.00E+00	3.90E-10	1.42E+00
WH385703E	1.14E-02	1.51E+00	-1.73E-01	1.56E+00	4.54E-06	0.00E+00	3.45E+03	4.64E-05	1.20E-03	1.36E-02	2.43E-03	2.98E+00	2.83E-08	6.25E-08	5.11E+00	9.03E-02	3.37E-03	1.12E-02	1.79E-02	4.76E-01	2.39E+01	6.27E+00	1.68E-07	8.42E-08	4.84E-03	1.83E-04	1.34E+00	2.14E+00	3.36E+01	6.55E-05	3.35E+01	3.64E+01	2.77E+00	0.00E+00	0.00E+00	3.90E-10	7.24E-01
WH38585300D	4.39E-03	4.78E-01	-3.49E-02	4.84E-01	4.02E-06	0.00E+00	2.41E+02	3.20E-05	3.74E-04	4.00E-03	5.73E-04	1.36E+00	9.30E-09	3.29E-08	4.00E+00	6.60E-02	7.79E-04	4.76E-03	7.47E-03	1.96E-01	9.22E+00	1.65E+00	2.91E-08	3.38E-08	1.69E-03	8.54E-05	4.44E-01	8.57E-01	1.11E+01	5.05E-05	1.11E+01	1.15E+01	9.69E-01	0.00E+00	0.00E+00	3.90E-10	3.31E-01
WH38585305D	1.96E-03	1.93E-01	-6.50E-03	2.00E-01	3.62E-06	0.00E+00	2.31E+02	3.34E-06	1.60E-04	1.74E-03	3.24E-04	7.64E-01	3.35E-09	1.66E-08	2.65E-01	1.06E-02	4.39E-04	2.36E-03	2.46E-03	4.42E-02	4.05E+00	8.79E-01	1.60E-08	1.24E-08	8.90E-04	1.20E-05	2.18E-01	1.52E-01	4.93E+00	1.04E-05	4.93E+00	5.30E+00	3.70E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-01
WH38585306D	4.28E-03	4.76E-01	-3.48E-02	4.83E-01	4.01E-06	0.00E+00	2.45E+02	3.21E-05	3.74E-04	3.96E-03	5.74E-04	1.47E+00	9.29E-09	3.51E-08	3.60E+00	4.33E-02	7.80E-04	4.48E-03	7.35E-03	1.99E-01	9.20E+00	1.66E+00	2.94E-08	3.37E-08	1.69E-03	8.54E-05	4.43E-01	8.59E-01	1.10E+01	5.34E-05	1.10E+01	1.15E+01	9.69E-01	0.00E+00	0.00E+00	3.90E-10	3.29E-01
WH38750400Z	6.95E-03	1.03E+00	-3.67E-02	1.05E+00	2.99E-06	0.00E+00	2.80E+02	4.55E-05	7.66E-04	8.20E-03	1.16E-03	2.01E+00	1.78E-07	4.41E-08	4.33E+00	1.46E-01	1.70E-03	1.30E-02	9.30E-03	3.44E-01	1.70E+01	2.85E+00	5.28E-08	5.56E-08	2.90E-03	1.45E-04	7.43E-01	1.30E+00	2.11E+01	5.39E-05	2.11E+01	2.23E+01	1.64E+00	0.00E+00	0.00E+00	3.90E-10	4.50E-01
WH39620300D	3.88E-03	3.66E-01	-2.21E-03	3.68E-01	3.18E-05	0.00E+00	3.83E+02	5.95E-06	2.64E-04	2.86E-03	5.00E-04	1.95E+00	9.64E-09	3.96E-08	4.72E+00	9.75E-02	6.77E-04	1.94E-03	6.62E-03	2.28E-01	7.33E+00	1.23E+00	2.11E-08	2.60E-08	1.02E-03	1.15E-04	4.45E-01	1.73E-01	8.57E+00	2.16E-05	8.57E+00	9.19E+00	6.18E-01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
WH39620305D	8.97E-03	1.14E+00	-1.84E-01	1.14E+00	4.33E-06	0.00E+00	3.57E+03	3.73E-05	9.56E-04	1.03E-02	1.68E-03	2.95E+00	2.69E-08	5.70E-08	5.15E+00	1.05E-01	2.28E-03	7.13E-03	1.94E-02	4.04E-01	2.03E+01	4.31E+00	1.21E-07	6.63E-08	3.92E-03	1.58E-04	1.17E+00	2.27E+00	2.51E+01	5.61E-05	2.51E+01	2.65E+01	2.24E+00	0.00E+00	0.00E+00	3.90E-10	6.90E-01
WH39620400D	3.80E-03	3.52E-01	2.78E-03	3.50E-01	3.24E-05	0.00E+00	3.83E+02	6.23E-06	2.52E-04	2.79E-03	4.77E-04	1.95E+00	8.83E-09	3.96E-08	4.81E+00	9.33E-02	6.46E-04	1.91E-03	6.45E-03	1.44E-01	8.57E+00	1.25E+00	2.03E-08	2.66E-08	9.72E-04	6.05E-05	6.00E-01	8.64E-02	9.81E+00	2.16E-05	9.81E+00	1.05E+01	6.87E-01	0.00E+00	0.00E+00	0.00E+00	2.77E-01
WHDY11580100C	3.62E-03	4.70E-01	-1.32E-02	4.83E-01	3.67E-06	0.00E+00	2.59E+02	1.16E-05	3.79E-04	4.09E-03	6.25E-04	1.41E+00	1.18E-08	1.99E-08	2.40E+00	3.42E-02	8.46E-04	4.74E-03	1.03E-02	2.14E-01	1.06E+01	1.33E+00	5.04E-07	3.69E-08	1.52E-03	1.05E-04	1.38E+00	4.05E-01	1.19E+01	1.78E-05	1.19E+01	1.37E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-01
WHDY11592200C	1.80E-03	2.17E-01	1.12E-03	2.01E-01	3.78E-06	0.00E+00	2.59E+02	3.39E-05	1.37E-04	1.50E-03	1.93E-04	1.60E+00	1.26E-07	3.43E-08	2.86E+00	6.62E-02	2.98E-04	9.75E-03	2.65E-02	9.25E-02	4.28E+00	5.42E-01	1.58E-07	3.77E-08	4.85E-04	7.55E-05	1.03E+00	1.15E-01	4.33E+00	2.51E-05	4.33E+00	4.65E+00	8.66E-01	0.00E+00	0.00E+00	3.90E-10	1.01E+00
WHDY11640100C	7.43E-03	8.01E-01	-9.55E-03	8.10E-01	3.76E-06	0.00E+00	6.30E+02	3.33E-05	5.99E-04	6.46E-03	9.49E-04	3.34E+00	1.29E-08	5.94E-08	6.53E+00	8.79E-02	1.28E-03	8.05E-03	1.78E-02	3.02E-01	1.47E+01	2.12E+00	1.32E-06	6.09E-08	2.48E-03	1.46E-04	1.39E+00	4.72E-01	1.68E+01	3.94E-05	1.68E+01	1.86E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-01
WHDY14580100Q	6.01E-03	9.11E-01	7.16E-03	9.04E-01	3.67E-06	0.00E+00	2.66E+02	1.26E-05	7.29E-04	7.80E-03	1.33E-03	1.43E+00	1.06E-08	2.18E-08	2.64E+00	3.48E-02	1.80E-03	5.56E-03	2.20E-02	4.34E-01	1.97E+01	4.37E+00	6.47E-07	5.32E-08	3.00E-03	2.49E-04	2.48E+00	4.85E-01	2.41E+01	1.79E-05	2.41E+01	2.70E+01	2.96E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-01
WHDY14585400Q	1.11E-02	1.52E+00	-4.40E-02	1.56E+00	4.06E-06	0.00E+00	4.57E+02	4.18E-05	1.16E-03	1.37E-02	2.42E-03	3.21E+00	1.39E-07	5.78E-08	4.19E+00	9.15E-02	3.37E-03	1.56E-02	4.65E-02	5.49E-01	2.60E+01	5.95E+00	6.01E-07	9.43E-08	4.74E-03	2.79E-04	2.12E+00	1.74E+00	3.89E+01	7.83E-05	3.91E+01	4.16E+01	2.93E+00	0.00E+00	0.00E+00	3.90E-10	1.83E+00

WHDY14592200Q	1.11E-02	1.52E+00	-4.40E-02	1.55E+00	3.63E-06	0.00E+00	4.61E+02	4.13E-05	1.16E-03	1.37E-02	2.42E-03	3.27E+00	1.58E-07	5.66E-08	4.16E+00	9.27E-02	3.37E-03	1.56E-02	4.78E-02	5.52E-01	2.60E+01	5.95E+00	6.10E-07	9.43E-08	4.74E-03	2.79E-04	2.13E+00	1.74E+00	3.89E+01	7.80E-05	3.91E+01	4.16E+01	2.93E+00	0.00E+00	0.00E+00	3.90E-10	1.92E+00
WHDY14595200Q	1.11E-02	1.52E+00	-4.40E-02	1.55E+00	3.63E-06	0.00E+00	4.61E+02	4.13E-05	1.16E-03	1.37E-02	2.42E-03	3.27E+00	1.58E-07	5.66E-08	4.16E+00	9.27E-02	3.37E-03	1.56E-02	4.78E-02	5.52E-01	2.60E+01	5.95E+00	6.10E-07	9.43E-08	4.74E-03	2.79E-04	2.13E+00	1.74E+00	3.89E+01	7.80E-05	3.91E+01	4.16E+01	2.93E+00	0.00E+00	0.00E+00	3.90E-10	1.92E+00
WHDY14640500Q	9.57E-03	1.13E+00	8.30E-03	1.13E+00	4.93E-06	0.00E+00	4.84E+02	3.50E-05	8.74E-04	9.44E-03	1.59E-03	3.55E+00	1.09E-08	6.35E-08	7.29E+00	9.93E-02	2.16E-03	9.25E-03	2.75E-02	4.85E-01	2.31E+01	4.65E+00	1.43E-06	7.65E-08	3.67E-03	2.67E-04	2.79E+00	4.96E-01	2.77E+01	4.18E-05	2.77E+01	3.10E+01	3.28E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
WHDY23580100Q	5.78E-03	8.77E-01	6.95E-03	8.70E-01	3.67E-06	0.00E+00	2.66E+02	1.18E-05	6.90E-04	7.21E-03	1.31E-03	1.42E+00	1.06E-08	2.15E-08	2.18E+00	3.39E-02	1.77E-03	5.53E-03	2.11E-02	4.05E-01	1.60E+01	4.30E+00	6.40E-07	4.85E-08	2.88E-03	2.43E-04	9.92E-01	4.74E-01	2.03E+01	1.78E-05	2.03E+01	2.18E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-01
WHDY23595200Q	1.11E-02	1.53E+00	-4.38E-02	1.58E+00	3.63E-06	0.00E+00	4.67E+02	3.93E-05	1.40E-03	1.44E-02	2.45E-03	3.24E+00	1.60E-07	5.66E-08	4.33E+00	9.18E-02	3.37E-03	1.59E-02	4.76E-02	5.55E-01	2.82E+01	5.83E+00	6.07E-07	9.37E-08	4.86E-03	2.84E-04	2.14E+00	1.74E+00	3.94E+01	7.86E-05	3.95E+01	4.22E+01	2.92E+00	0.00E+00	0.00E+00	3.90E-10	1.92E+00
WHDY23620100Q	8.23E-03	1.07E+00	9.38E-03	1.06E+00	3.74E-06	0.00E+00	4.34E+02	2.62E-05	8.44E-04	9.07E-03	1.51E-03	2.57E+00	9.94E-09	4.53E-08	5.23E+00	7.06E-02	2.04E-03	7.55E-03	2.65E-02	4.79E-01	2.22E+01	4.73E+00	1.05E-06	6.70E-08	3.52E-03	2.68E-04	2.65E+00	5.18E-01	2.70E+01	3.04E-05	2.70E+01	3.01E+01	3.17E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
WHDY23640100Q	9.70E-03	1.22E+00	1.05E-02	1.21E+00	3.76E-06	0.00E+00	6.61E+02	3.37E-05	9.23E-04	9.70E-03	1.62E-03	3.35E+00	1.19E-08	6.11E-08	6.25E+00	8.77E-02	2.20E-03	8.84E-03	2.85E-02	4.98E-01	1.96E+01	5.04E+00	1.45E-06	7.24E-08	3.86E-03	2.79E-04	7.89E-01	5.29E-01	2.46E+01	3.93E-05	2.46E+01	2.60E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
WJA100B	3.67E-03	3.88E-01	1.69E-03	3.86E-01	3.78E-05	0.00E+00	9.38E+01	5.53E-05	2.99E-04	3.38E-03	4.10E-04	1.41E+00	2.12E-07	3.69E-08	3.29E+00	2.47E-01	5.55E-04	1.02E-02	2.76E-02	1.78E-01	6.14E+00	1.20E+00	1.62E-08	2.30E-08	1.12E-03	5.17E-05	5.13E-01	1.14E-01	7.34E+00	1.21E-04	7.34E+00	7.97E+00	6.27E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+00
WJA102B	3.01E-03	2.54E-01	-3.38E-02	2.61E-01	2.12E-05	0.00E+00	1.51E+02	2.90E-05	2.70E-04	3.05E-03	3.59E-04	1.32E+00	2.53E-07	2.47E-08	2.37E+00	2.32E-01	4.77E-04	1.02E-02	4.93E-03	1.33E-01	5.62E+00	7.71E-01	2.52E-08	2.06E-08	1.12E-03	5.92E-05	4.36E-01	1.01E+00	6.72E+00	6.81E-05	6.72E+00	7.36E+00	5.10E-01	0.00E+00	0.00E+00	1.49E-03	2.02E-01
WJA122B	8.37E-03	7.84E-01	-3.74E-02	8.26E-01	4.67E-05	0.00E+00	1.39E+02	4.94E-05	6.71E-04	7.01E-03	7.00E-04	1.69E+00	2.61E-07	3.18E-08	2.94E+00	2.96E-01	1.31E-03	1.56E-02	8.03E-03	3.17E-01	1.37E+01	2.13E+00	3.50E-08	4.35E-08	2.55E-03	1.30E-04	7.15E-01	1.19E+00	1.60E+01	1.90E-04	1.60E+01	1.74E+01	1.52E+00	0.00E+00	0.00E+00	4.95E-03	3.58E-01
WJA160B	4.09E-03	3.80E-01	-3.55E-02	3.89E-01	1.58E-05	0.00E+00	1.73E+02	4.87E-05	2.94E-04	3.26E-03	3.98E-04	1.72E+00	2.41E-07	5.53E-08	4.20E+00	2.90E-01	5.44E-04	2.15E-02	8.09E-03	1.56E-01	4.96E+00	9.73E-01	4.19E-08	2.69E-08	1.12E-03	1.18E-04	4.74E-01	1.05E+00	6.00E+00	8.91E-05	5.97E+00	6.54E+00	7.49E-01	0.00E+00	0.00E+00	1.49E-03	3.86E-01
WJC100B	4.38E-03	5.56E-01	-7.34E-03	5.64E-01	3.78E-05	0.00E+00	9.59E+01	5.60E-05	4.55E-04	5.03E-03	7.82E-04	1.41E+00	2.14E-07	3.79E-08	3.33E+00	2.48E-01	1.06E-03	1.06E-02	2.85E-02	2.44E-01	8.64E+00	2.74E+00	1.69E-08	2.73E-08	1.57E-03	8.85E-05	6.61E-01	3.02E-01	1.14E+01	1.21E-04	1.14E+01	1.23E+01	9.63E-01	0.00E+00	0.00E+00	0.00E+00	1.23E+00
WJC102B	4.33E-03	4.93E-01	-3.61E-02	5.12E-01	1.92E-05	0.00E+00	3.42E+02	3.36E-05	4.03E-04	4.10E-03	6.20E-04	1.49E+00	2.12E-07	4.00E-08	2.47E+00	2.31E-01	9.00E-04	1.20E-02	1.65E-02	1.92E-01	9.34E+00	1.86E+00	3.01E-08	3.03E-08	1.64E-03	8.93E-05	4.93E-01	1.27E+00	1.12E+01	7.17E-05	1.13E+01	1.17E+01	9.04E-01	0.00E+00	0.00E+00	2.07E-03	8.65E-01
WJC122B	7.17E-03	1.05E+00	-7.21E-03	1.04E+00	4.52E-05	0.00E+00	1.02E+03	4.76E-05	7.94E-04	8.39E-03	1.08E-03	3.13E+00	1.97E-07	4.10E-08	2.80E+00	2.46E-01	1.93E-03	2.03E-02	2.85E-02	3.74E-01	2.07E+01	3.70E+00	8.79E-08	4.95E-08	3.03E-03	1.36E-04	1.18E+00	4.83E-01	2.61E+01	2.23E-04	2.61E+01	2.64E+01	1.70E+00	0.00E+00	0.00E+00	4.61E-03	1.40E+00
WJC132B	7.12E-03	1.00E+00	-6.86E-03	1.03E+00	4.32E-05	0.00E+00	9.34E+02	4.33E-05	7.82E-04	8.16E-03	1.01E-03	2.02E+00	1.84E-07	4.08E-08	2.47E+00	2.39E-01	1.82E-03	1.99E-02	1.72E-02	3.59E-01	2.04E+01	3.13E+00	6.67E-08	5.05E-08	2.95E-03	1.32E-04	8.75E-01	4.67E-01	2.60E+01	2.28E-04	2.60E+01	2.64E+01	1.36E+00	0.00E+00	0.00E+00	2.74E-03	9.81E-01
WJC142B	6.69E-03	9.78E-01	-8.05E-03	1.01E+00	2.04E-05	0.00E+00	9.69E+02	3.37E-05	7.71E-04	8.04E-03	9.60E-04	1.55E+00	1.61E-07	3.84E-08	2.30E+00	2.11E-01	1.68E-03	1.68E-02	1.65E-02	3.52E-01	1.80E+01	3.10E+00	5.37E-08	4.81E-08	2.89E-03	1.31E-04	8.43E-01	4.62E-01	2.30E+01	2.15E-04	2.31E+01	2.36E+01	1.33E+00	0.00E+00	0.00E+00	1.65E-03	9.60E-01
WJC157B	4.33E-03	3.92E-01	-6.48E-03	3.92E-01	1.89E-05	0.00E+00	1.93E+02	3.32E-05	3.20E-04	3.45E-03	4.81E-04	1.38E+00	1.42E-07	3.48E-08	1.99E+00	2.00E-01	6.49E-04	1.02E-02	7.37E-03	1.74E-01	8.37E+00	1.20E+00	2.59E-08	2.79E-08	1.21E-03	7.05E-05	4.20E-01	2.98E-01	9.12E+00	5.03E-05	9.12E+00	9.77E+00	7.14E-01	0.00E+00	0.00E+00	3.90E-10	3.40E-01
WJC160B	4.39E-03	5.17E-01	-3.70E-02	5.22E-01	1.09E-05	0.00E+00	3.95E+02	3.38E-05	4.08E-04	4.50E-03	7.30E-04	1.47E+00	2.17E-07	4.06E-08	2.46E+00	2.31E-01	9.89E-04	1.27E-02	1.70E-02	2.03E-01	9.83E+00	1.83E+00	3.01E-08	3.09E-08	1.64E-03	9.14E-05	5.63E-01	1.27E+00	1.17E+01	1.01E-04	1.17E+01	1.30E+01	9.84E-01	0.00E+00	0.00E+00	2.07E-03	9.02E-01
WJC162B	6.85E-03	1.05E+00	-4.44E-03	1.05E+00	1.11E-05	0.00E+00	1.06E+03	3.28E-05	7.92E-04	8.35E-03	1.43E-03	2.97E+00	1.73E-07	3.81E-08	2.54E+00	2.21E-01	1.91E-03	2.03E-02	2.84E-02	3.86E-01	2.08E+01	3.65E+00	8.35E-08	5.14E-08	3.18E-03	1.35E-04	1.13E+00	4.06E-01	2.63E+01	1.94E-04	2.64E+01	2.68E+01	1.48E+00	0.00E+00	0.00E+00	3.34E-03	1.42E+00
WMS51	7.57E-03	8.42E-01	-1.41E-02	8.56E-01	3.83E-07	0.00E+00	3.18E+02	6.78E-05	8.35E-04	8.88E-03	8.59E-04	6.29E-01	9.64E-08	3.98E-08	1.53E+00	1.37E-01	1.16E-03	2.90E-02	6.41E-02	9.03E-02	2.06E+01	1.68E+00	3.39E-08	3.98E-08	2.72E-03	2.11E-05	3.50E-01	3.18E-01	2.23E+01	1.09E-05	2.23E+01	2.29E+01	6.69E-01	0.00E+00	0.00E+00	0.00E+00	2.75E+00
WMS81	8.16E-03	8.11E-01	-1.24E-02	8.23E-01	4.21E-07	0.00E+00	3.43E+02	1.10E-04	8.11E-04	8.69E-03	8.55E-04	1.19E+00	1.80E-07	6.14E-08	2.79E+00	2.27E-01	1.16E-03	3.38E-02	5.71E-02	7.17E-02	2.01E+01	1.65E+00	5.18E-08	4.33E-08	2.71E-03	2.94E-05	2.64E-01	3.18E-01	2.18E+01	1.94E-05	2.18E+01	2.24E+01	5.82E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+00
WMS812LN	9.12E-03	1.21E+00	-1.26E-02	1.23E+00	2.02E-05	0.00E+00	4.87E+02	1.94E-04	8.81E-04	9.45E-03	1.48E-03	3.57E+00	2.45E-07	6.95E-08	6.07E+00	4.74E-01	1.90E-03	3.12E-02	5.14E-02	5.71E-01	3.72E+01	5.28E+00	8.27E-07	7.57E-08	3.65E-03	2.40E-04	1.11E+00	6.70E-01	3.55E+01	7.55E-05	3.53E+01	3.62E+01	1.61E+00	0.00E+00	0.00E+00	6.16E-04	3.05E+00
WMS82	1.00E-02	1.23E+00	-1.61E-02	1.26E+00	1.17E-06	0.00E+00	7.70E+02	1.38E-04	9.28E-04	9.81E-03	1.51E-03	4.28E+00	4.49E-07	7.20E-08	5.08E+00	4.69E-01	2.04E-03	6.16E-02	3.22E-02	3.75E-01	3.68E+01	3.85E+00	2.68E-07	8.58E-08	3.54E-03	1.71E-04	1.02E+00	6.44E-01	3.55E+01	5.55E-05	3.53E+01	3.63E+01	1.68E+00	0.00E+00	0.00E+00	3.90E-10	1.44E+00
WMSO100	5.33E-02	4.97E+00	-9.33E-02	5.06E+00	3.27E-07	0.00E+00	4.73E+01	1.03E-05	5.11E-03	5.32E-02	6.72E-03	3.44E-01	1.50E-08	2.55E-07	3.25E+00	1.69E-03	9.10E-03	7.82E-03	5.12E-02	3.43E-01	1.00E+02	5.92E+00	9.62E-07	2.96E-07	2.08E-02	2.99E-04	1.01E-01	1.60E+00	1.06E+02	2.04E-04	1.06E+02	1.08E+02	1.70E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+00
WMSS115	9.77E-03	1.04E+00	-8.17E-03	1.05E+00	6.23E-06	0.00E+00	3.85E+02	1.39E-04	8.93E-04	9.62E-03	8.53E-04	2.78E+00	2.56E-07	6.94E-08	4.71E+00	4.15E-01	1.38E-03	2.53E-02	6.86E-02	3.73E-01	2.05E+01	2.78E+00	1.51E-07	6.42E-08	3.27E-03	1.38E-04	8.76E-01	5.08E-01	2.21E+01	5.87E-05	2.20E+01	2.31E+01	1.53E+00	0.00E+00	0.00E+00	3.90E-10	3.90E+00
WMSS81	9.66E-03	9.19E-01	-1.20E-02	9.31E-01	3.87E-07	0.00E+00	4.03E+02	7.23E-05	9.35E-04	9.97E-03	9.65E-04	1.86E+00	2.53E-07	8.22E-08	4.17E+00	1.44E-01	1.31E-03	2.80E-02	6.88E-03	9.59E-02	2.10E+01	1.84E+00	4.90E-08	5.20E-08	3.14E-03	2.35E-05	3.64E-01	3.29E-01	2.28E+01	5.52E-05	2.28E+01	2.35E+01	6.93E-01	0.00E+00	0.00E+00	0.00E+00	2.95E-01
WMSS81G	9.14E-03	9.00E-01	-1.04E-02	8.93E-01	1.15E-06	0.00E+00	3.82E+02	1.19E-04	8.55E-04	9.10E-03	8.75E-04	2.10E+00	2.27E-07	7.08E-08	4.50E+00	3.29E-01	1.17E-03	3.20E-02	2.11E-02	1.90E-01	2.07E+01	1.79E+00	6.64E-08	5.05E-08	3.12E-03	1.02E-04	6.96E-01	4.26E-01	2.28E+01	5.20E-05	2.28E+01	2.36E+01	1.45E+00	0.00E+00	0.00E+00	3.90E-10	8.56E-01
WMSS81N	9.04E-03	9.01E-01	-9.79E-03	8.94E-01	2.38E-06	0.00E+00	3.79E+02	1.19E-04	8.56E-04	9.13E-03	8.81E-04	2.11E+00	2.23E-07	6.96E-08	4.54E+00	3.27E-01	1.23E-03	3.18E-02	2.14E-02	1.97E-01	2.05E+01	1.80E+00	6.08E-07	5.21E-08	3.11E-03	2.18E-04	7.17E-01	4.15E-01	2.27E+01	5.22E-05	2.27E+01	2.35E+01	1.45E+00	0.00E+00	0.00E+00	3.90E-10	9.66E-01
WMSS81R	8.81E-03	9.00E-01	-1.03E-02	8.94E-01	1.30E-06	0.00E+00	3.80E+02	1.19E-04	8.52E-04	9.08E-03	8.61E-04	2.09E+00	2.25E-07	6.96E-08	4.53E+00	3.29E-01	1.15E-03	3.18E-02	2.13E-02	1.89E-01	2.07E+01	1.80E+00	6.64E-08	4.54E-08	3.11E-03	1.00E-04	6.40E-01	4.19E-01	2.28E+01	5.15E-05	2.28E+01	2.35E+01	1.19E+00	0.00E+00	0.00E+00	3.90E-10	8.68E-01
WMSS81RR	9.18E-03	9.08E-01	-1.02E-02	8.96E-01	1.28E-06	0.00E+00	3.81E+02	1.18E-04	8.49E-04	9.17E-03	8.85E-04	2.09E+00	2.25E-07	6.92E-08	4.48E+00	3.26E-01	1.23E-03	3.16E-02	2.10E-02	1.93E-01	2.06E+01	1.79E+00	6.98E-08	5.20E-08	3.11E-03	1.04E-04	7.03E-01	4.19E-01	2.28E+01	5.08E-05	2.28E+01	2.37E+01	1.46E+00	0.00E+00	0.00E+00	3.90E-10	8.57E-01
WMSS82	1.81E-02	1.60E+00	-1.79E-02	1.61E+00	4.67E-07	0.00E+00	7.62E+02	1.67E-04	1.66E-03	1.77E-02	1.66E-03	4.15E+00	5.68E-07	1.81E-07	9.28E+00	3.37E-01	2.25E-03	5.12E-02	1.31E-02	1.62E-01	3.45E+01	3.22E+00	9.89E-08	9.87E-08	5.63E-03	4.14E-05	5.80E-01	5.75E-01	3.78E+01	1.16E-04	3.78E+01	3.89E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-01
WMSS82N	1.05E-02	1.31E+00	-1.57E-02	1.31E+00	2.70E-06	0.00E+00	8.31E+02	1.74E-04	9.80E-04	1.01E-02	1.59E-03	4.33E+00	4.85E-07	8.42E-08	6.35E+00	4.21E-01	1.77E-03	7.45E-02	2.67E-02	4.24E-01	4.15E+01	3.56E+00	6.37E-07	8.79E-08	3.92E-03	2.65E-04	8.44E-01	6.40E-01	3.91E+01	9.24E-05	3.89E+01	3.99E+01	1.51E+00	0.00E+00	0.00E+00	7.53E-07	1.50E+00
WMSS82O	2.46E-02	1.87E+00	-9.46E-03	1.88E+00	5.18E-07	0.00E+00	9.54E+02	3.05E-04	1.84E-03	2.00E-02	1.73E-03	8.22E+00	3.82E-07	2.38E-07	1.83E+01	7.97E-01	2.35E-03	8.53E-02	2.41E-02	1.82E-01	4.29E+01	3.38E+00	1.19E-07	1.35E-07	6.59E-03	5.09E-05	1.02E+00	5.82E-01	4.63E+01	1.63E-04	4.63E+01	4.79E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
WMSS82OG	2.55E-02	2.14E+00	1.16E-02	2.13E+00	5.18E-07	0.00E+00	9.65E+02	3.05E-04	2.00E-03	2.18E-02	1.73E-03	8.26E+00	3.83E-07	2.39E-07	1.84E+01	7.97E-01	2.35E-03	8.53E-02	4.16E-02	4.93E-01	5.08E+01	4.53E+00	3.94E-07	1.38E-07	7.93E-03	2.77E-04	9.69E-01	1.01E+00	5.54E+01	1.62E-04	5.54E+01	5.73E+01	1.98E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
WMSS82ON	1.90E-02	1.37E+00	-1.40E-02	1.36E+00	2.56E-06	0.00E+00	9.02E+02	2.70E-04	1.57E-03	1.61E-02	1.69E-03	8.78E+00	4.29E-07	1.21E-07	1.60E+01	5.52E-01	2.24E-03	7.56E-02	3.34E-02	3.15E-01	4.11E+01	3.60E+00	6.45E-07	1.38E-07	5.88E-03	2.67E-04	9.74E-01	6.51E-01	4.01E+01	9.80E-05	4.00E+01	4.11E+01	1.61E+00	0.00E+00	0.00E+00	3.46E-05	1.80E+00
WMSS82OR	1.90E-02	1.39E+00	-1.46E-02	1.37E+00	1.11E-06	0.00E+00	8.84E+02	2.73E-04	1.59E-03	1.63E-02	1.68E-03	8.67E+00	4.29E-07	1.39E-07	1.61E+01	5.57E-01	2.24E-03	7.64E-02	3.33E-02	2.78E-01	3.97E+01	3.60E+00	2.29E-07	1.42E-07	5.90E-03	1.35E-04	9.69E-01	6.48E-01	4.04E+01	1.01E-04	4.02E+01	4.11E+01	1.63E+00	0.00E+00	0.00E+00	3.46E-05	1.66E+00
WMSS82ORR	1.90E-02	1.37E+00	-1.42E-02	1.36E+00	1.06E-06	0.00E+00	8.57E+02	2.73E-04	1.58E-03	1.61E-02	1.68E-03	8.77E+00	4.25E-07	1.18E-07	1.57E+01	5.61E-01	2.24E-03	7.53E-02	3.32E-02	2.82E-01	4.02E+01	3.61E+00	2.43E-07	1.37E-07	5.88E-03	1.36E-04	9.64E-01	6.50E-01	4.01E+01	9.92E-05	4.00E+01	4.10E+01	1.61E+00	0.00E+00	0.00E+00	3.46E-05	1.67E+00
WMSS82R	1.07E-02	1.27E+00	-7.47E-03	1.29E+00	1.36E-06	0.00E+00	7.85E+02	1.74E-04	9.85E-04	1.01E-02	1.35E-03	4.06E+00	4.83E-07	8.19E-08	5.85E+00	4.13E-01	1.44E-03	7.46E-02	2.72E-02	3.87E-01	4.03E+01	3.48E+00	2.20E-07	7.98E-08	4.08E-03	1.52E-04	1.11E+00	4.48E-01	3.87E+01	8.72E-05	3.86E+01	3.96E+01	1.60E+00	0.00E+00	0.00E+00	7.53E-07	1.41E+00
WMSS82R/CS	1.05E-02	1.31E+00	-1.59E-02	1.31E+00	1.23E-06	0.00E+00	8.22E+02	1.75E-04	9.75E-04	1.01E-02	1.59E-03	4.29E+00	4.86E-07	8.35E-08	6.27E+00	4.20E-01	1.77E-03	7.55E-02	2.57E-02	3.90E-01	4.02E+01	3.57E+00	1.97E-07	8.63E-08	3.90E-03	1.51E-04	8.39E-01	6.40E-01	3.91E+01	9.28E-05	3.90E+01	3.99E+01	1.54E+00	0.00E+00	0.00E+00	7.53E-07	1.30E+00
WMSS82R/UPS	1.05E-02	1.31E+00	-1.58E-02	1.31E+00	1.23E-06	0.00E+00	8.26E+02	1.75E-04	9.75E-04	1.01E-02	1.59E-03	4.29E+00	4.86E-07	8.35E-08	6.27E+00	4.24E-01	1.77E-03	7.55E-02	2.57E-02	3.90E-01	4.02E+01	3.57E+00	1.97E-07	8.63E-08	3.90E-03	1.51E-04	8.41E-01	6.41E-01	3.91E+01	9.20E-05	3.90E+01	3.98E+01	1.50E+00	0.00E+00	0.00E+00	7.53E-07	1.30E+00
WMSS82RR	1.05E-02	1.30E+00	-1.48E-02	1.30E+00	1.19E-06	0.00E+00	8.13E+02	1.75E-04	9.77E-04	1.01E-02	1.60E-03	4.34E+00	4.83E-07	8.28E-08	6.23E+00	4.23E-01	1.77E-03	7.43E-02	2.71E-02	3.95E-01	4.07E+01	3.58E+00	2.19E-07	8.40E-08	3.90E-03	1.52E-04	8.44E-01	6.40E-01	3.87E+01	9.15E-05	3.87E+01	3.97E+01	1.50E+00	0.00E+00	0.00E+00	7.53E-07	1.31E+00
WMV100B	5.53E-03	6.96E-01	-3.95E-02	7.36E-01	3.61E-08	0.00E+00	4.43E+01	5.49E-05	5.44E-04	5.93E-03	8.47E-04	1.52E+00	2.32E-07	3.73E-08	4.31E+00	1.45E-01	1.15E-03	3.71E-02	3.58E-02	2.15E-01	2.41E+01	1.17E+00	8.38E-07	3.32E-08	2.14E-03	8.82E-05	4.85E-01	7.66E-01	2.53E+01	2.50E-05	2.53E+01	2.66E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
WMV100N	5.54E-03	6.96E-01	-3.95E-02	7.36E-01	3.61E-08	0.00E+00	4.42E+01	5.49E-05	5.46E-04	5.95E-03	8.47E-04	1.52E+00	2.32E-07	3.73E-08	4.32E+00	1.45E-01	1.15E-03	3.71E-02	3.57E-02	2.15E-01	2.41E+01	1.19E+00	8.38E-07	3.32E-08	2.14E-03	8.81E-05	4.92E-01	7.66E-01	2.53E+01	2.50E-05	2.53E+01	2.66E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
WNA100	3.73E-03	3.84E-01	-3.03E-02	4.14E-01	2.33E-06	0.00E+00	2.88E+02	5.71E-06	3.45E-04	3.77E-03	0.00E+00	1.44E+00	1.68E-08	3.35E-08	2.30E-01	1.93E-02	9.81E-04	1.20E-02	2.77E-02	2.34E-01	6.17E+00	1.71E+00	1.92E-08	2.48E-08	1.21E-03	2.80E-05	6.17E-01	2.05E-01	7.88E+00	1.24E-04	7.88E+00	8.71E+00	8.22E-01	0.00E+00	0.00E+00	2.30E-02	1.19E+00
WNA100B	3.83E-03	3.88E-01	-5.04E-02	4.39E-01	2.33E-06	0.00E+00	2.88E+02	6.29E-06	3.76E-04	4.03E-03	0.00E+00	1.44E+00	2.02E-08	3.36E-08	7.60E-01	2.21E-02	1.13E-03	1.23E-02	2.80E-02	2.55E-01	6.49E+00	1.91E+00	2.02E-08	2.56E-08	1.29E-03	3.37E-05	5.74E-01	4.24E-01	8.40E+00	1.24E-04	8.40E+00	9.39E+00	9.99E-01	0.00E+00	0.00E+00	1.93E-02	1.20E+00
WNA105	5.66E-03	5.29E-01	-4.65E-02	5.76E-01	6.01E-05	0.00E+00	4.42E+00	2.86E-06	4.08E-04	4.66E-03	0.00E+00	2.42E+00	2.03E-08	4.73E-08	9.31E-01	1.77E-01	1.24E-03	1.53E-02	1.13E-02	3.69E-01	8.74E+00	2.08E+00	1.01E-06	3.61E-08	1.53E-03	9.89E-05	1.08E+00	5.02E-01	1.08E+01	3.36E-05	1.08E+01	1.24E+01	1.58E+00	0.00E+00	0.00E+00	1.93E-02	4.83E-01
WNA160	3.02E-03	3.52E-01	-2.09E-02	3.73E-01	2.34E-06	0.00E+00	2.54E+02	4.83E-05	3.23E-04	3.54E-03	6.44E-04	9.49E-01	1.44E-07	2.70E-08	3.27E+00	1.40E-01	8.71E-04	9.03E-03	4.15E-02	1.23E-01	5.75E+00	1.91E+00	1.50E-08	2.01E-08	1.13E-03	1.72E-05	3.67E-01	3.72E-01	7.65E+00	1.16E-04	7.65E+00	8.39E+00	7.39E-01	0.00E+00	0.00E+00	0.00E+00	1.78E+00
WNA160B	3.07E-03	3.43E-01	-4.16E-02	3.85E-01	2.34E-06	0.00E+00	2.55E+02	4.86E-05	3.46E-04	3.70E-03	7.51E-04	9.49E-01	1.46E-07	2.70E-08	3.82E+00	1.40E-01	1.02E-03	9.15E-03	4.16E-02	1.33E-01	5.82E+00	1.85E+00	1.56E-08	2.04E-08	1.17E-03	2.19E-05	2.93E-01	6.28E-01	7.67E+00	1.16E-04	7.67E+00	8.59E+00	9.21E-01	0.00E+00	0.00E+00	0.00E+00	1.79E+00
WNA161	2.81E-03	3.44E-01	-2.00E-02	3.64E-01	3.12E-06	0.00E+00	2.83E+02	4.94E-05	2.99E-04	3.31E-03	6.78E-04	9.50E-01	1.44E-07	2.92E-08	3.28E+00	1.45E-01	9.18E-04	7.36E-03	4.15E-02	1.10E-01	6.33E+00	1.98E+00	1.59E-08	1.92E-08	1.07E-03	2.38E-05	4.17E-01	3.75E-01	8.31E+00	1.50E-04	8.31E+00	9.10E+00	7.92E-01	0.00E+00	0.00E+00	0.00E+00	1.78E+00
WNA161B	2.90E-03	3.40E-01	-4.06E-02	3.81E-01	3.12E-06	0.00E+00	2.83E+02	4.97E-05	3.27E-04	3.54E-03	7.86E-04	9.51E-01	1.46E-07	2.93E-08	3.83E+00	1.45E-01	1.06E-03	7.48E-03	4.16E-02	1.21E-01	6.51E+00	1.92E+00	1.66E-08	1.98E-08	1.13E-03	2.86E-05	3.81E-01	6.31E-01	8.43E+00	1.50E-04	8.43E+00	9.45E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
WNC100	4.72E-03	5.96E-01	-3.54E-02	6.31E-01	2.33E-06	0.00E+00	2.89E+02	8.98E-06	5.10E-04	5.69E-03	0.00E+00	1.45E+00	2.14E-08	3.49E-08	1.67E+00	4.74E-02	1.77E-03	1.48E-02	3.02E-02	2.92E-01	9.96E+00	4.78E+00	2.37E-08	3.23E-08	1.85E-03	3.55E-05	9.23E-01	2.76E-01	1.47E+01	1.24E-04	1.47E+01	1.59E+01	1.20E+00	0.00E+00	0.00E+00	2.34E-02	1.30E+00
WNC100EC	4.56E-03	5.47E-01	-3.71E-02	5.84E-01	2.33E-06	0.00E+00	2.89E+02	7.48E-06	4.77E-04	5.32E-03	0.00E+00	1.45E+00	2.14E-08	3.48E-08	1.66E+00	3.42E-02	1.79E-03	1.49E-02	2.93E-02	2.92E-01	9.03E+00	3.51E+00	2.25E-08	3.05E-08	1.69E-03	3.55E-05	9.06E-01	2.78E-01	1.25E+01	1.24E-04	1.25E+01	1.37E+01	1.18E+00	0.00E+00	0.00E+00	5.51E-02	1.26E+00
WNC122	1.04E-02	1.16E+00	-7.32E-02	1.23E+00	4.19E-06	0.00E+00	5.61E+02	1.43E-05	1.02E-03	1.16E-02	0.00E+00	3.41E+00	4.24E-08	7.86E-08	1.96E+00	6.49E-02	3.51E-03	2.96E-02	5.96E-02	5.94E-01	1.98E+01	6.46E+00	8.39E-08	6.79E-08	3.65E-03	7.20E-05	2.10E+00	5.51E-01	2.63E+01	2.35E-04	2.63E+01	2.89E+01	2.65E+00	0.00E+00	0.00E+00	1.05E-01	2.56E+00
WNC122B	1.10E-02	1.30E+00	-6.39E-02	1.36E+00	4.19E-06	0.00E+00	5.62E+02	1.74E-05	1.12E-03	1.28E-02	0.00E+00	3.41E+00	3.60E-08	7.91E-08	9.97E-01	9.23E-02	3.49E-03	2.96E-02	6.14E-02	5.33E-01	2.23E+01	9.01E+00	8.53E-08	7.32E-08	4.08E-03	6.63E-05	2.29E+00	7.60E-01	3.13E+01	2.35E-04	3.13E+01	3.44E+01	3.05E+00	0.00E+00	0.00E+00	3.30E-02	2.63E+00
WNC123	1.53E-02	1.75E+00	-8.09E-02	1.83E+00	6.05E-06	0.00E+00	8.33E+02	2.54E-05	1.51E-03	1.70E-02	0.00E+00	5.36E+00	5.01E-08	1.22E-07	1.14E+00	1.33E-01	5.01E-03	4.38E-02	9.20E-02	7.41E-01	3.04E+01	1.31E+01	1.45E-07	1.03E-07	5.62E-03	9.13E-05	2.79E+00	9.61E-01	4.35E+01	3.45E-04	4.35E+01	4.72E+01	3.75E+00	0.00E+00	0.00E+00	4.61E-02	3.95E+00
WNC123B	1.52E-02	1.74E+00	-8.11E-02	1.82E+00	6.05E-06	0.00E+00	8.33E+02	2.56E-05	1.50E-03	1.68E-02	0.00E+00	5.36E+00	5.02E-08	1.22E-07	1.14E+00	1.34E-01	5.06E-03	4.39E-02	9.21E-02	7.37E-01	3.01E+01	1.33E+01	1.46E-07	1.03E-07	5.59E-03	9.09E-05	2.69E+00	9.65E-01	4.34E+01	3.45E-04	4.34E+01	4.71E+01	3.65E+00	0.00E+00	0.00E+00	4.61E-02	3.95E+00
WNC160	3.73E-03	4.94E-01	-3.84E-02	5.33E-01	2.33E-06	0.00E+00	2.49E+02	6.89E-06	4.35E-04	4.79E-03	0.00E+00	9.68E-01	2.10E-08	2.46E-08	1.64E+00	3.38E-02	1.78E-03	1.35E-02	4.54E-02	2.73E-01	8.21E+00	3.47E+00	1.90E-08	2.51E-08	1.52E-03	3.40E-05	7.28E-01	2.77E-01	1.17E+01	1.17E-04	1.17E+01	1.27E+01	1.01E+00	0.00E+00	0.00E+00	5.51E-02	1.95E+00
WNC160B	3.86E-03	5.40E-01	-3.76E-02	5.77E-01	2.33E-06	0.00E+00	2.50E+02	8.52E-06	4.65E-04	5.12E-03	0.00E+00	9.68E-01	2.10E-08	2.47E-08	1.65E+00	4.81E-02	1.78E-03	1.35E-02	4.63E-02	2.73E-01	9.08E+00	4.79E+00	2.03E-08	2.68E-08	1.67E-03	3.39E-05	7.31E-01	2.77E-01	1.39E+01	1.17E-04	1.39E+01	1.49E+01	1.01E+00	0.00E+00	0.00E+00	2.34E-02	1.99E+00
WNC161	3.72E-03	5.39E-01	-3.63E-02	5.75E-01	2.33E-06	0.00E+00	2.77E+02	8.89E-06	4.50E-04	5.01E-03	0.00E+00	9.71E-01	2.11E-08	2.70E-08	1.65E+00	4.74E-02	1.81E-03	1.19E-02	4.63E-02	2.48E-01	1.02E+01	4.78E+00	2.08E-08	2.63E-08	1.64E-03	3.44E-05	8.26E-01	2.80E-01	1.50E+01	1.17E-04	1.50E+01	1.61E+01	1.11E+00	0.00E+00	0.00E+00	2.34E-02	1.99E+00
WNC161B	3.70E-03	5.35E-01	-3.72E-02	5.72E-01	2.33E-06	0.00E+00	2.77E+02	9.01E-06	4.48E-04	4.97E-03	0.00E+00	9.71E-01	2.11E-08	2.69E-08	1.65E+00	4.84E-02	1.84E-03	1.20E-02	4.63E-02	2.47E-01	1.02E+01	4.84E+00	2.08E-08	2.62E-08	1.63E-03	3.43E-05	8.12E-01	2.82E-01	1.50E+01	1.17E-04	1.50E+01	1.61E+01	1.09E+00	0.00E+00	0.00E+00	2.34E-02	1.99E+00
WNC162	8.88E-03	1.13E+00	-7.25E-02	1.21E+00	4.19E-06	0.00E+00	4.77E+02	1.60E-05	9.87E-04	1.10E-02	0.00E+00	2.45E+00	4.16E-08	5.83E-08	1.94E+00	9.00E-02	3.47E-03	2.69E-02	9.36E-02	5.53E-01	1.97E+01	8.87E+00	7.93E-08	5.99E-08	3.57E-03	6.90E-05	1.75E+00	5.48E-01	2.86E+01	2.20E-04	2.86E+01	3.09E+01	2.30E+00	0.00E+00	0.00E+00	4.61E-02	4.02E+00
WNC162B	8.92E-03	1.14E+00	-6.74E-02	1.21E+00	4.19E-06	0.00E+00	4.78E+02	1.62E-05	9.94E-04	1.12E-02	0.00E+00	2.45E+00	3.52E-08	5.83E-08	9.41E-01	9.08E-02	3.46E-03	2.69E-02	9.35E-02	4.86E-01	1.98E+01	8.92E+00	7.81E-08	6.02E-08	3.60E-03	6.26E-05	1.72E+00	7.57E-01	2.87E+01	2.20E-04	2.87E+01	3.12E+01	2.48E+00	0.00E+00	0.00E+00	3.30E-02	4.01E+00
WNC164	8.80E-03	1.16E+00	-7.16E-02	1.23E+00	4.19E-06	0.00E+00	5.35E+02	1.70E-05	9.79E-04	1.11E-02	0.00E+00	2.46E+00	4.17E-08	6.31E-08	1.95E+00	9.09E-02	3.58E-03	2.38E-02	9.35E-02	5.08E-01	2.24E+01	8.97E+00	8.06E-08	6.00E-08	3.57E-03	7.00E-05	1.96E+00	5.56E-01	3.14E+01	2.20E-04	3.14E+01	3.39E+01	2.52E+00	0.00E+00	0.00E+00	4.61E-02	4.01E+00
WNC165	1.30E-02	1.66E+00	-8.35E-02	1.74E+00	6.05E-06	0.00E+00	7.93E+02	2.51E-05	1.40E-03	1.58E-02	0.00E+00	3.94E+00	4.91E-08	9.85E-08	1.10E+00	1.33E-01	5.14E-03	3.52E-02	1.40E-01	6.21E-01	3.24E+01	1.31E+01	1.37E-07	8.85E-08	5.19E-03	8.86E-05	2.60E+00	9.70E-01	4.55E+01	3.23E-04	4.55E+01	4.91E+01	3.57E+00	0.00E+00	0.00E+00	4.61E-02	6.02E+00
WNC166	5.65E-03	7.95E-01	-4.55E-02	8.41E-01	6.59E-06	0.00E+00	2.76E+02	9.59E-06	6.51E-04	7.45E-03	0.00E+00	2.50E+00	2.08E-07	3.23E-08	8.23E-01	6.21E-02	2.16E-03	2.12E-02	4.85E-02	3.37E-01	1.32E+01	5.02E+00	6.14E-08	6.45E-08	2.35E-03	6.33E-05	1.23E+00	5.47E-01	1.82E+01	1.38E-04	1.82E+01	2.00E+01	1.78E+00	0.00E+00	0.00E+00	1.93E-02	2.08E+00
WNC166B	5.76E-03	8.10E-01	-4.59E-02	8.56E-01	6.59E-06	0.00E+00	2.76E+02	9.77E-06	6.63E-04	7.62E-03	0.00E+00	2.50E+00	2.08E-07	3.23E-08	8.29E-01	6.39E-02	2.19E-03	2.13E-02	4.86E-02	3.39E-01	1.35E+01	5.11E+00	6.15E-08	6.52E-08	2.39E-03	6.35E-05	1.31E+00	5.49E-01	1.86E+01	1.38E-04	1.86E+01	2.05E+01	1.86E+00	0.00E+00	0.00E+00	1.93E-02	2.09E+00
WNC172	8.44E-03	1.00E+00	-7.65E-02	1.08E+00	3.50E-08	0.00E+00	4.76E+02	1.30E-05	9.00E-04	1.01E-02	0.00E+00	2.42E+00	3.78E-08	5.77E-08	1.91E+00	5.28E-02	3.44E-03	2.67E-02	9.17E-02	5.41E-01	1.73E+01	6.24E+00	7.40E-08	5.51E-08	3.14E-03	6.31E-05	1.68E+00	5.46E-01	2.35E+01	4.06E-05	2.35E+01	2.57E+01	2.23E+00	0.00E+00	0.00E+00	1.04E-01	3.94E+00
WNC172B	8.85E-03	1.13E+00	-6.78E-02	1.19E+00	4.19E-06	0.00E+00	4.78E+02	1.60E-05	9.85E-04	1.10E-02	0.00E+00	2.45E+00	3.52E-08	5.83E-08	9.38E-01	8.92E-02	3.42E-03	2.68E-02	9.33E-02	4.85E-01	1.96E+01	8.77E+00	7.79E-08	5.97E-08	3.56E-03	6.24E-05	1.68E+00	7.55E-01	2.83E+01	2.20E-04	2.83E+01	3.08E+01	2.43E+00	0.00E+00	0.00E+00	3.30E-02	4.01E+00
WNC174	8.78E-03	1.15E+00	-7.18E-02	1.22E+00	4.19E-06	0.00E+00	5.35E+02	1.69E-05	9.75E-04	1.10E-02	0.00E+00	2.46E+00	4.17E-08	6.31E-08	1.95E+00	8.96E-02	3.55E-03	2.37E-02	9.34E-02	5.08E-01	2.23E+01	8.85E+00	8.04E-08	5.98E-08	3.56E-03	7.00E-05	1.96E+00	5.54E-01	3.11E+01	2.20E-04	3.11E+01	3.37E+01	2.51E+00	0.00E+00	0.00E+00	4.61E-02	4.01E+00
WNE160B	4.02E-03	5.14E-01	-3.24E-02	5.46E-01	2.33E-06	0.00E+00	2.50E+02	6.39E-06	4.57E-04	5.09E-03	0.00E+00	9.71E-01	9.49E-09	2.51E-08	7.51E-01	2.88E-02	1.46E-03	1.18E-02	4.47E-02	1.46E-01	9.25E+00	3.37E+00	2.85E-08	2.62E-08	2.07E-03	2.61E-05	6.26E-01	6.25E-01	1.26E+01	1.17E-04	1.26E+01	1.39E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
WNE161B	3.86E-03	5.09E-01	-3.19E-02	5.41E-01	2.33E-06	0.00E+00	2.78E+02	6.88E-06	4.39E-04	4.95E-03	0.00E+00	9.74E-01	9.53E-09	2.74E-08	7.58E-01	2.91E-02	1.52E-03	1.03E-02	4.47E-02	1.21E-01	1.03E+01	3.42E+00	2.91E-08	2.55E-08	2.02E-03	2.65E-05	7.08E-01	6.29E-01	1.38E+01	1.17E-04	1.38E+01	1.51E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
WPS51BKO	1.76E-02	1.99E+00	-2.31E-02	2.07E+00	1.75E-05	0.00E+00	4.57E+02	1.21E-04	1.62E-03	1.70E-02	2.64E-03	4.44E+00	2.45E-07	1.18E-07	8.38E+00	3.56E-01	3.57E-03	3.22E-02	4.22E-02	5.65E-01	4.47E+01	7.23E+00	1.94E-07	1.42E-07	6.61E-03	1.88E-04	1.70E+00	7.08E-01	5.39E+01	1.29E-04	5.37E+01	5.67E+01	2.81E+00	0.00E+00	0.00E+00	3.90E-10	1.89E+00
WPSS81	9.94E-03	2.08E+00	-5.66E-03	1.96E+00	3.20E-05	0.00E+00	4.43E+02	1.42E-04	9.49E-04	9.86E-03	8.01E-04	3.11E+00	2.01E-07	1.16E-07	5.53E+00	5.49E-01	1.63E-03	3.57E-02	1.21E-01	5.14E-01	4.32E+01	3.30E+00	1.07E-07	2.33E-07	3.60E-03	3.95E-04	1.02E+00	3.67E-01	4.90E+01	1.10E-04	4.89E+01	5.12E+01	1.70E+00	0.00E+00	0.00E+00	3.90E-10	2.80E+00
WPSS81BKO	1.84E-02	2.28E+00	-2.42E-02	2.27E+00	1.51E-05	0.00E+00	5.46E+02	1.44E-04	1.68E-03	1.90E-02	2.72E-03	4.75E+00	2.46E-07	1.64E-07	9.33E+00	5.16E-01	3.69E-03	3.95E-02	3.16E-02	5.23E-01	4.72E+01	7.39E+00	2.08E-07	1.50E-07	6.84E-03	3.75E-04	1.73E+00	6.95E-01	5.83E+01	1.23E-04	5.85E+01	6.24E+01	2.77E+00	0.00E+00	0.00E+00	3.90E-10	1.43E+00
WPSS81W	9.94E-03	1.33E+00	-3.09E-03	1.38E+00	3.21E-05	0.00E+00	3.70E+02	1.41E-04	9.52E-04	9.88E-03	7.98E-04	3.04E+00	2.07E-07	7.83E-08	4.90E+00	5.47E-01	1.63E-03	3.59E-02	1.21E-01	5.00E-01	3.80E+01	3.28E+00	8.63E-08	7.41E-08	3.61E-03	2.05E-04	1.03E+00	3.17E-01	3.78E+01	6.98E-05	3.76E+01	3.84E+01	1.69E+00	0.00E+00	0.00E+00	3.90E-10	2.75E+00
WPSS82BKO	2.33E-02	3.92E+00	-2.17E-02	3.94E+00	2.02E-04	0.00E+00	7.89E+02	1.71E-04	3.00E-03	3.27E-02	4.42E-03	4.68E+00	6.12E-07	1.24E-07	1.02E+01	9.48E-01	5.98E-03	1.25E-01	3.81E-02	1.38E+00	1.17E+02	6.97E+00	1.06E-07	1.43E-07	1.10E-02	6.76E-04	2.38E+00	1.15E+00	1.24E+02	1.25E-04	1.24E+02	1.28E+02	3.52E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
WPSS82NW	1.96E-02	2.35E+00	1.09E-02	2.13E+00	6.71E-05	0.00E+00	7.36E+02	1.71E-04	1.63E-03	1.77E-02	1.50E-03	5.13E+00	5.37E-07	1.78E-07	9.79E+00	5.78E-01	2.55E-03	7.14E-02	1.29E-01	6.41E-01	4.71E+01	3.43E+00	5.05E-07	1.64E-07	6.07E-03	3.04E-04	1.97E+00	2.10E-01	4.85E+01	1.00E-04	4.91E+01	5.20E+01	1.95E+00	0.00E+00	0.00E+00	1.48E-05	3.03E+00
WPSS82O	2.50E-02	2.38E+00	-1.42E-02	2.19E+00	8.61E-05	0.00E+00	7.84E+02	2.23E-04	1.69E-03	1.83E-02	2.28E-03	1.02E+01	5.21E-07	1.81E-07	1.34E+01	6.75E-01	3.11E-03	7.18E-02	1.18E-01	5.69E-01	4.64E+01	4.46E+00	2.42E-07	2.06E-07	6.60E-03	2.02E-04	1.32E+00	5.47E-01	5.01E+01	1.30E-04	5.08E+01	5.24E+01	1.84E+00	0.00E+00	0.00E+00	2.05E-05	2.87E+00
WPSS82OW	2.40E-02	2.36E+00	9.05E-03	2.14E+00	8.42E-05	0.00E+00	8.00E+02	2.19E-04	1.64E-03	1.79E-02	1.95E-03	9.52E+00	1.82E-07	1.67E-07	9.33E+00	6.18E-01	2.76E-03	7.06E-02	1.25E-01	5.68E-01	4.50E+01	3.48E+00	2.45E-07	1.99E-07	6.47E-03	2.10E-04	1.65E+00	2.19E-01	4.84E+01	1.08E-04	4.95E+01	5.05E+01	1.88E+00	0.00E+00	0.00E+00	1.98E-05	2.90E+00
WPSS82W	1.99E-02	2.64E+00	-1.48E-02	2.43E+00	6.42E-05	0.00E+00	7.97E+02	1.73E-04	1.65E-03	1.77E-02	2.24E-03	5.50E+00	5.61E-07	1.77E-07	1.02E+01	5.94E-01	3.00E-03	7.08E-02	1.21E-01	6.59E-01	4.62E+01	3.50E+00	2.20E-07	1.68E-07	6.14E-03	2.29E-04	1.36E+00	5.47E-01	5.09E+01	1.14E-04	5.11E+01	5.29E+01	1.76E+00	0.00E+00	0.00E+00	1.98E-05	2.94E+00
WRCC50NBSB	2.47E-02	2.24E+00	-2.39E-02	2.15E+00	6.74E-05	0.00E+00	7.09E+02	2.13E-04	1.56E-03	1.78E-02	2.49E-03	1.03E+01	5.68E-07	1.71E-07	1.23E+01	6.09E-01	3.47E-03	6.34E-02	4.44E-02	6.10E-01	4.16E+01	7.27E+00	5.23E-07	2.11E-07	6.43E-03	3.52E-04	1.51E+00	7.05E-01	4.49E+01	1.67E-04	4.54E+01	4.83E+01	2.57E+00	0.00E+00	0.00E+00	2.77E-05	3.01E+00
WRCC50NBSW	2.47E-02	2.19E+00	-2.41E-02	2.13E+00	5.01E-05	0.00E+00	7.35E+02	2.14E-04	1.61E-03	1.86E-02	2.53E-03	1.03E+01	5.68E-07	1.70E-07	1.23E+01	5.41E-01	3.53E-03	6.37E-02	4.46E-02	5.90E-01	4.01E+01	7.27E+00	5.23E-07	2.10E-07	6.75E-03	2.85E-04	1.67E+00	7.06E-01	4.57E+01	1.63E-04	4.60E+01	4.81E+01	2.82E+00	0.00E+00	0.00E+00	2.77E-05	3.01E+00
WRCC50NPSB	2.46E-02	2.21E+00	-5.04E-03	2.05E+00	6.68E-05	0.00E+00	7.09E+02	2.14E-04	1.57E-03	1.74E-02	2.37E-03	1.04E+01	5.58E-07	1.71E-07	1.24E+01	5.99E-01	3.29E-03	6.32E-02	4.57E-02	6.11E-01	4.13E+01	7.21E+00	5.20E-07	2.09E-07	6.06E-03	3.26E-04	1.37E+00	4.20E-01	4.39E+01	1.27E-04	4.44E+01	4.73E+01	2.17E+00	0.00E+00	0.00E+00	2.77E-05	3.03E+00
WRCC50NPSW	2.47E-02	2.19E+00	-2.94E-02	2.13E+00	5.01E-05	0.00E+00	7.39E+02	2.14E-04	1.60E-03	1.83E-02	2.53E-03	1.01E+01	5.68E-07	1.70E-07	1.23E+01	5.41E-01	3.53E-03	6.26E-02	4.45E-02	5.89E-01	4.00E+01	7.27E+00	5.24E-07	2.14E-07	6.55E-03	2.85E-04	1.66E+00	7.33E-01	4.57E+01	1.65E-04	4.60E+01	4.81E+01	2.80E+00	0.00E+00	0.00E+00	2.77E-05	3.00E+00
WRS51BSB	1.01E-02	1.17E+00	-1.89E-02	1.19E+00	2.36E-05	0.00E+00	3.68E+02	1.35E-04	8.62E-04	9.51E-03	6.59E-04	3.67E+00	1.78E-07	6.12E-08	3.83E+00	3.08E-01	1.56E-03	2.53E-02	3.33E-02	4.15E-01	2.00E+01	3.13E+00	7.24E-08	6.47E-08	3.12E-03	1.74E-04	9.37E-01	4.81E-01	2.12E+01	6.20E-05	2.13E+01	2.29E+01	1.57E+00	0.00E+00	0.00E+00	3.90E-10	1.63E+00

	WRS51BSW	1.02E-02	1.20E+00	-2.14E-02	1.24E+00	1.81E-05	0.00E+00	3.59E+02	1.17E-04	8.76E-04	9.56E-03	6.63E-04	3.68E+00	1.82E-07	6.06E-08	3.88E+00	2.68E-01	1.61E-03	2.52E-02	3.31E-02	4.18E-01	3.27E+01	3.15E+00	7.80E-08	6.98E-08	3.23E-03	1.90E-04	9.64E-01	5.62E-01	3.34E+01	1.05E-04	3.33E+01	3.48E+01	1.66E+00	0.00E+00	0.00E+00	3.90E-10	1.62E+00
	WRS51PSB	1.00E-02	1.01E+00	-7.54E-03	1.02E+00	2.36E-05	0.00E+00	3.75E+02	1.32E-04	8.55E-04	9.45E-03	9.19E-04	3.00E+00	1.62E-07	5.78E-08	3.65E+00	3.02E-01	1.37E-03	2.30E-02	3.31E-02	3.99E-01	1.73E+01	2.77E+00	7.18E-08	6.65E-08	3.19E-03	1.72E-04	8.85E-01	2.30E-01	1.97E+01	5.81E-05	1.98E+01	2.11E+01	1.58E+00	0.00E+00	0.00E+00	3.90E-10	1.64E+00
	WRS51PSW	1.01E-02	1.16E+00	-1.95E-02	1.20E+00	1.81E-05	0.00E+00	3.72E+02	1.17E-04	8.56E-04	9.34E-03	6.66E-04	3.68E+00	1.79E-07	6.02E-08	3.89E+00	2.67E-01	1.58E-03	2.49E-02	3.33E-02	4.15E-01	2.03E+01	3.14E+00	7.26E-08	6.55E-08	3.14E-03	1.74E-04	9.24E-01	4.97E-01	2.20E+01	6.19E-05	2.20E+01	2.34E+01	1.57E+00	0.00E+00	0.00E+00	3.90E-10	1.63E+00
	WRSO100BSB	5.10E-02	5.33E+00	-9.04E-02	5.42E+00	4.24E-05	0.00E+00	4.69E+01	1.40E-05	4.85E-03	5.09E-02	6.91E-03	7.35E+00	2.51E-08	2.58E-07	3.33E+00	1.29E-01	9.35E-03	4.01E-02	5.40E-02	7.40E-01	1.10E+02	4.99E+00	1.09E-06	4.32E-07	2.03E-02	4.83E-04	5.27E-01	1.62E+00	1.15E+02	2.90E-04	1.15E+02	1.17E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
	WRSS81BSB	1.02E-02	1.26E+00	-1.88E-02	1.28E+00	1.44E-05	0.00E+00	3.75E+02	1.42E-04	8.90E-04	9.48E-03	6.37E-04	3.41E+00	2.21E-07	6.88E-08	4.28E+00	3.26E-01	1.61E-03	3.55E-02	2.20E-02	4.31E-01	3.61E+01	3.27E+00	8.18E-08	6.82E-08	3.28E-03	1.63E-04	9.14E-01	4.82E-01	3.48E+01	7.03E-05	3.46E+01	3.59E+01	1.57E+00	0.00E+00	0.00E+00	7.53E-07	1.12E+00
	WRSS81BSW	1.03E-02	1.24E+00	-1.82E-02	1.28E+00	1.44E-05	0.00E+00	3.79E+02	1.42E-04	8.89E-04	9.46E-03	6.47E-04	3.41E+00	2.22E-07	6.88E-08	4.31E+00	3.25E-01	1.64E-03	3.54E-02	2.19E-02	4.40E-01	3.62E+01	3.26E+00	8.24E-08	6.82E-08	3.28E-03	1.70E-04	9.20E-01	4.86E-01	3.48E+01	7.02E-05	3.47E+01	3.60E+01	1.57E+00	0.00E+00	0.00E+00	7.53E-07	1.12E+00
	WRSS81PSB	1.02E-02	1.24E+00	-1.80E-02	1.27E+00	1.44E-05	0.00E+00	3.70E+02	1.42E-04	8.84E-04	9.42E-03	6.37E-04	3.41E+00	2.22E-07	6.88E-08	4.30E+00	3.25E-01	1.61E-03	3.54E-02	2.20E-02	4.30E-01	3.61E+01	3.26E+00	8.20E-08	6.82E-08	3.28E-03	1.68E-04	9.18E-01	5.24E-01	3.47E+01	7.02E-05	3.46E+01	3.58E+01	1.57E+00	0.00E+00	0.00E+00	7.53E-07	1.13E+00
	WRSS81PSW	1.03E-02	1.24E+00	-1.79E-02	1.27E+00	1.44E-05	0.00E+00	3.70E+02	1.42E-04	8.85E-04	9.42E-03	6.41E-04	3.41E+00	2.22E-07	6.88E-08	4.30E+00	3.25E-01	1.62E-03	3.54E-02	2.20E-02	4.35E-01	3.61E+01	3.26E+00	8.24E-08	6.82E-08	3.28E-03	1.68E-04	9.15E-01	5.02E-01	3.47E+01	7.02E-05	3.46E+01	3.58E+01	1.57E+00	0.00E+00	0.00E+00	7.53E-07	1.12E+00
	WRSS82BSB	1.78E-02	2.09E+00	-3.12E-02	2.12E+00	4.55E-05	0.00E+00	8.04E+02	1.71E-04	1.52E-03	1.67E-02	2.21E-03	1.15E+01	5.75E-07	1.97E-07	1.02E+01	4.70E-01	3.00E-03	7.21E-02	1.77E-02	5.61E-01	4.58E+01	2.20E+00	2.92E-07	2.53E-07	5.77E-03	2.52E-04	9.99E-01	7.40E-01	4.80E+01	2.18E-04	4.80E+01	4.98E+01	1.74E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-01
	WRSS82BSW	1.78E-02	2.09E+00	-3.11E-02	2.12E+00	4.68E-05	0.00E+00	8.04E+02	1.71E-04	1.52E-03	1.67E-02	2.23E-03	1.15E+01	5.75E-07	1.97E-07	1.02E+01	4.74E-01	3.02E-03	7.21E-02	1.78E-02	5.63E-01	4.59E+01	2.23E+00	2.92E-07	2.53E-07	5.78E-03	2.53E-04	1.00E+00	7.41E-01	4.81E+01	2.18E-04	4.81E+01	4.99E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-01
	WRSS82PSB	1.83E-02	2.17E+00	-2.47E-02	2.10E+00	5.52E-05	0.00E+00	7.73E+02	1.73E-04	1.54E-03	1.69E-02	2.19E-03	1.05E+01	5.64E-07	1.77E-07	9.66E+00	5.19E-01	2.87E-03	6.93E-02	2.37E-02	5.97E-01	4.61E+01	2.72E+00	2.47E-07	2.21E-07	6.13E-03	2.99E-04	1.11E+00	7.15E-01	4.87E+01	1.86E-04	4.89E+01	5.07E+01	1.90E+00	0.00E+00	0.00E+00	2.47E-05	1.13E+00
	WRSS82PSW	1.83E-02	2.17E+00	-3.02E-02	2.10E+00	4.45E-05	0.00E+00	7.77E+02	1.73E-04	1.55E-03	1.69E-02	2.19E-03	1.04E+01	5.66E-07	1.77E-07	9.65E+00	4.75E-01	2.87E-03	6.90E-02	2.33E-02	5.94E-01	4.52E+01	2.72E+00	2.45E-07	2.25E-07	6.02E-03	2.34E-04	1.11E+00	7.43E-01	4.87E+01	1.86E-04	4.89E+01	5.07E+01	1.91E+00	0.00E+00	0.00E+00	2.97E-05	1.13E+00
	WXF105	4.22E-03	2.80E-01	-4.51E-03	2.85E-01	1.59E-05	0.00E+00	7.17E+01	2.93E-05	2.46E-04	2.83E-03	3.00E-04	1.95E+00	7.30E-08	5.24E-08	4.45E+00	1.20E-01	4.06E-04	5.64E-03	4.05E-03	8.94E-02	4.55E+00	5.39E-01	1.87E-08	2.39E-08	9.72E-04	3.02E-05	3.89E-01	1.48E-01	5.09E+00	1.24E-04	5.09E+00	5.63E+00	5.38E-01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
	WXF106	4.58E-03	2.96E-01	-1.78E-03	2.98E-01	2.15E-05	0.00E+00	3.95E+00	7.07E-05	2.00E-04	2.33E-03	2.70E-04	2.41E+00	4.71E-08	5.05E-08	5.40E+00	2.67E-01	3.66E-04	1.28E-02	1.09E-02	1.16E-01	3.96E+00	5.24E-01	1.01E-06	2.77E-08	9.03E-04	3.53E-05	3.14E-01	1.46E-01	4.48E+00	8.00E-05	4.48E+00	4.94E+00	4.59E-01	0.00E+00	0.00E+00	0.00E+00	4.66E-01
	WXF122	1.21E-02	1.13E+00	-1.99E-02	1.15E+00	6.15E-05	0.00E+00	1.79E+02	6.15E-05	1.08E-03	1.20E-02	1.19E-03	3.27E+00	4.09E-07	8.01E-08	8.02E+00	3.24E-01	1.61E-03	3.00E-02	1.09E-02	6.11E-01	2.55E+01	2.17E+00	5.37E-08	6.73E-08	3.93E-03	2.71E-04	1.10E+00	5.74E-01	2.77E+01	2.65E-03	2.77E+01	2.93E+01	1.67E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-01
	WXF123	1.86E-02	1.50E+00	-4.61E-02	1.54E+00	8.55E-06	0.00E+00	2.67E+02	9.15E-05	1.60E-03	1.74E-02	1.86E-03	4.94E+00	6.14E-07	1.20E-07	1.20E+01	2.51E-01	2.52E-03	2.58E-02	1.68E-02	9.36E-01	2.71E+01	1.49E+00	1.57E-07	1.06E-07	5.90E-03	3.49E-04	1.10E+00	9.44E-01	2.86E+01	3.41E-04	2.86E+01	3.06E+01	2.05E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-01
	WXF160B	6.32E-03	4.20E-01	-1.79E-03	4.22E-01	2.94E-05	0.00E+00	8.45E+01	1.26E-04	3.76E-04	4.44E-03	3.58E-04	2.72E+00	2.46E-07	9.99E-08	7.80E+00	3.60E-01	4.84E-04	1.89E-02	5.73E-03	1.21E-01	6.41E+00	8.86E-01	3.30E-08	3.62E-08	1.46E-03	4.51E-05	6.57E-01	1.54E-01	7.30E+00	1.37E-04	7.30E+00	8.11E+00	8.12E-01	0.00E+00	0.00E+00	0.00E+00	2.46E-01
	WXF160D	3.41E-03	2.37E-01	-4.59E-03	2.42E-01	2.35E-05	0.00E+00	1.24E+02	3.19E-05	1.89E-04	2.20E-03	3.37E-04	1.97E+00	2.33E-07	5.59E-08	5.22E+00	2.78E-01	4.50E-04	1.12E-02	4.69E-03	1.25E-01	5.67E+00	7.29E-01	2.45E-08	2.14E-08	1.21E-03	6.90E-05	5.05E-01	1.39E-01	6.77E+00	1.07E-04	6.77E+00	7.39E+00	4.46E-01	0.00E+00	0.00E+00	8.00E-04	1.79E-01
	WXF160E	4.20E-03	2.58E-01	-4.45E-03	2.65E-01	2.32E-05	0.00E+00	1.30E+02	5.57E-05	2.00E-04	2.45E-03	3.42E-04	2.00E+00	2.43E-07	8.22E-08	6.81E+00	2.93E-01	4.52E-04	1.21E-02	5.31E-03	1.53E-01	5.29E+00	7.16E-01	3.13E-08	2.87E-08	1.25E-03	8.06E-05	5.29E-01	1.88E-01	6.46E+00	1.03E-04	6.46E+00	7.31E+00	5.54E-01	0.00E+00	0.00E+00	8.00E-04	2.22E-01
	WXF160N	4.24E-03	2.57E-01	-4.63E-03	2.64E-01	2.29E-05	0.00E+00	1.29E+02	3.25E-05	3.30E-04	3.64E-03	3.62E-04	2.05E+00	2.23E-07	5.59E-08	5.19E+00	2.75E-01	4.86E-04	1.14E-02	5.08E-03	1.25E-01	5.68E+00	7.41E-01	2.82E-08	2.39E-08	1.25E-03	7.04E-05	4.39E-01	1.86E-01	6.70E+00	1.07E-04	6.70E+00	7.37E+00	6.06E-01	0.00E+00	0.00E+00	8.00E-04	2.33E-01
	WXF160R	3.55E-03	2.39E-01	-4.65E-03	2.44E-01	2.35E-05	0.00E+00	1.25E+02	3.19E-05	1.95E-04	2.27E-03	3.41E-04	1.97E+00	2.34E-07	5.59E-08	5.22E+00	2.78E-01	4.52E-04	1.15E-02	4.81E-03	1.26E-01	5.69E+00	7.30E-01	2.52E-08	2.17E-08	1.24E-03	6.99E-05	5.05E-01	1.80E-01	6.75E+00	1.07E-04	6.75E+00	7.39E+00	4.97E-01	0.00E+00	0.00E+00	8.00E-04	2.02E-01
	WXF160T	4.24E-03	2.57E-01	-4.63E-03	2.64E-01	2.29E-05	0.00E+00	1.29E+02	3.25E-05	3.30E-04	3.64E-03	3.62E-04	2.05E+00	2.23E-07	5.59E-08	5.19E+00	2.75E-01	4.86E-04	1.14E-02	5.08E-03	1.25E-01	5.68E+00	7.41E-01	2.82E-08	2.39E-08	1.25E-03	7.04E-05	4.39E-01	1.86E-01	6.70E+00	1.07E-04	6.70E+00	7.37E+00	6.06E-01	0.00E+00	0.00E+00	8.00E-04	2.33E-01
	WXF160V	3.57E-03	2.42E-01	-4.63E-03	2.45E-01	2.35E-05	0.00E+00	1.25E+02	3.19E-05	1.95E-04	2.28E-03	3.41E-04	1.97E+00	2.34E-07	5.59E-08	5.22E+00	2.78E-01	4.53E-04	1.15E-02	4.82E-03	1.27E-01	5.70E+00	7.32E-01	2.54E-08	2.18E-08	1.24E-03	6.99E-05	5.05E-01	1.81E-01	6.77E+00	1.07E-04	6.77E+00	7.44E+00	4.97E-01	0.00E+00	0.00E+00	8.00E-04	2.05E-01
	WXF165B	4.35E-03	3.04E-01	-5.84E-03	2.97E-01	2.37E-05	0.00E+00	1.53E+02	3.15E-05	3.40E-04	3.83E-03	3.90E-04	2.09E+00	2.37E-07	5.71E-08	5.17E+00	2.64E-01	5.29E-04	1.26E-02	6.04E-03	1.29E-01	5.81E+00	7.46E-01	9.12E-08	2.47E-08	1.27E-03	6.78E-05	5.03E-01	2.38E-01	6.91E+00	1.08E-04	6.91E+00	7.67E+00	7.30E-01	0.00E+00	0.00E+00	8.00E-04	2.76E-01
	WXF165N	4.45E-03	3.83E-01	-7.31E-03	3.92E-01	2.33E-05	0.00E+00	1.50E+02	3.32E-05	3.34E-04	3.80E-03	4.02E-04	2.15E+00	2.23E-07	5.71E-08	5.18E+00	2.67E-01	5.46E-04	1.21E-02	6.18E-03	1.35E-01	5.81E+00	7.46E-01	9.53E-08	2.68E-08	1.27E-03	6.87E-05	4.67E-01	3.08E-01	6.88E+00	1.08E-04	6.88E+00	7.63E+00	7.83E-01	0.00E+00	0.00E+00	8.00E-04	2.89E-01
	WXF165T	5.25E-03	3.64E-01	-6.83E-03	3.75E-01	2.34E-05	0.00E+00	1.53E+02	5.83E-05	3.34E-04	3.78E-03	3.99E-04	1.98E+00	2.28E-07	8.29E-08	6.67E+00	2.91E-01	5.40E-04	1.36E-02	6.70E-03	1.58E-01	5.44E+00	7.30E-01	1.01E-07	3.20E-08	1.26E-03	7.68E-05	4.71E-01	3.06E-01	6.52E+00	1.03E-04	6.52E+00	7.34E+00	7.74E-01	0.00E+00	0.00E+00	8.00E-04	3.24E-01
	WXF191N	5.36E-03	6.15E-01	-3.56E-02	6.52E-01	1.15E-05	0.00E+00	1.14E+02	5.11E-05	5.19E-04	6.15E-03	7.94E-04	1.84E+00	2.59E-07	4.42E-08	4.21E+00	1.93E-01	1.08E-03	1.30E-02	1.15E-02	2.52E-01	1.28E+01	2.02E+00	8.31E-08	3.56E-08	1.91E-03	9.32E-05	5.59E-01	6.75E-01	1.46E+01	6.51E-05	1.47E+01	1.66E+01	1.15E+00	0.00E+00	0.00E+00	3.90E-10	4.56E-01
	WXF421B	4.17E-02	1.32E+00	5.56E-02	1.26E+00	5.65E-05	0.00E+00	1.32E+01	3.29E-06	1.07E-03	1.29E-02	1.85E-03	2.89E+01	1.06E-08	5.21E-07	8.47E-01	1.67E-01	2.51E-03	7.32E-02	4.68E-02	3.85E-01	2.08E+01	1.39E+00	1.77E-07	2.53E-07	6.05E-03	1.29E-04	2.66E+00	2.54E-01	2.22E+01	4.80E-04	2.22E+01	2.51E+01	2.91E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+00
	WXF421E	5.07E-03	4.92E-01	-2.98E-03	5.10E-01	5.66E-05	0.00E+00	1.05E+02	4.75E-05	4.04E-04	4.56E-03	5.74E-04	1.44E+00	2.18E-07	2.42E-08	2.24E+00	2.40E-01	7.85E-04	1.23E-02	1.26E-02	2.20E-01	9.39E+00	1.81E+00	3.51E-08	3.39E-08	1.83E-03	8.08E-05	5.17E-01	3.13E-01	1.13E+01	2.04E-04	1.13E+01	1.21E+01	9.86E-01	0.00E+00	0.00E+00	3.90E-10	4.85E-01
	WXF421N	5.10E-03	4.90E-01	-2.46E-03	5.09E-01	5.74E-05	0.00E+00	9.84E+01	4.51E-05	4.03E-04	4.51E-03	5.74E-04	1.69E+00	1.99E-07	2.42E-08	2.03E+00	2.65E-01	7.80E-04	1.26E-02	1.29E-02	2.22E-01	9.25E+00	1.76E+00	3.84E-08	3.37E-08	1.82E-03	8.02E-05	5.03E-01	3.11E-01	1.13E+01	2.28E-04	1.13E+01	1.19E+01	9.95E-01	0.00E+00	0.00E+00	3.90E-10	4.91E-01
	WXF421R	5.07E-03	4.93E-01	-2.71E-03	5.10E-01	5.73E-05	0.00E+00	1.05E+02	4.73E-05	4.04E-04	4.56E-03	5.74E-04	1.45E+00	2.18E-07	2.42E-08	2.24E+00	2.44E-01	7.66E-04	1.23E-02	1.27E-02	2.15E-01	9.39E+00	1.80E+00	3.51E-08	3.36E-08	1.83E-03	8.01E-05	5.16E-01	3.13E-01	1.13E+01	2.12E-04	1.13E+01	1.21E+01	9.90E-01	0.00E+00	0.00E+00	3.90E-10	4.85E-01
	WXF421T	5.10E-03	4.90E-01	-2.46E-03	5.09E-01	5.74E-05	0.00E+00	9.84E+01	4.51E-05	4.03E-04	4.51E-03	5.74E-04	1.69E+00	1.99E-07	2.42E-08	2.03E+00	2.65E-01	7.80E-04	1.26E-02	1.29E-02	2.22E-01	9.25E+00	1.76E+00	3.84E-08	3.37E-08	1.82E-03	8.02E-05	5.03E-01	3.11E-01	1.13E+01	2.28E-04	1.13E+01	1.19E+01	9.95E-01	0.00E+00	0.00E+00	3.90E-10	4.91E-01
	WXF421V	5.07E-03	4.92E-01	-2.96E-03	5.10E-01	5.66E-05	0.00E+00	1.05E+02	4.74E-05	4.04E-04	4.56E-03	5.78E-04	1.44E+00	2.18E-07	2.42E-08	2.24E+00	2.42E-01	7.85E-04	1.23E-02	1.26E-02	2.20E-01	9.39E+00	1.81E+00	3.51E-08	3.39E-08	1.83E-03	8.08E-05	5.17E-01	3.16E-01	1.13E+01	2.04E-04	1.13E+01	1.21E+01	9.86E-01	0.00E+00	0.00E+00	3.90E-10	4.85E-01
	WXF422B	9.60E-03	7.66E-01	-1.16E-03	7.67E-01	7.69E-05	0.00E+00	8.87E+00	1.83E-04	6.32E-04	7.36E-03	7.77E-04	4.21E+00	6.32E-07	9.47E-08	9.70E+00	7.15E-01	1.05E-03	3.15E-02	1.32E-02	4.44E-01	1.25E+01	1.95E+00	4.74E-08	6.05E-08	2.51E-03	1.44E-04	1.29E+00	3.33E-01	1.45E+01	2.45E-04	1.45E+01	1.61E+01	1.63E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-01
	WXF422E	9.11E-03	7.84E-01	-8.67E-04	7.58E-01	6.73E-05	0.00E+00	5.74E+01	1.58E-04	6.34E-04	7.59E-03	8.04E-04	3.60E+00	5.65E-07	6.63E-08	1.08E+01	5.23E-01	1.09E-03	2.50E-02	1.53E-02	3.74E-01	1.25E+01	2.28E+00	4.50E-08	5.74E-08	2.52E-03	1.18E-04	9.12E-01	2.32E-01	1.52E+01	2.41E-04	1.52E+01	1.65E+01	1.41E+00	0.00E+00	0.00E+00	3.90E-10	6.76E-01
	WXF422N	9.61E-03	8.13E-01	4.37E-04	7.81E-01	6.69E-05	0.00E+00	5.15E+01	1.59E-04	6.41E-04	7.79E-03	5.99E-04	3.79E+00	5.54E-07	6.58E-08	1.06E+01	5.41E-01	1.10E-03	2.61E-02	1.57E-02	3.80E-01	1.29E+01	2.13E+00	5.12E-08	5.86E-08	2.59E-03	1.18E-04	8.14E-01	2.40E-01	1.61E+01	2.57E-04	1.61E+01	1.80E+01	1.41E+00	0.00E+00	0.00E+00	3.90E-10	6.82E-01
	WXF422R	9.42E-03	7.86E-01	-8.60E-04	7.63E-01	6.65E-05	0.00E+00	6.01E+01	1.58E-04	6.34E-04	7.73E-03	8.04E-04	3.58E+00	5.59E-07	6.63E-08	1.07E+01	5.21E-01	1.10E-03	2.46E-02	1.54E-02	3.76E-01	1.25E+01	2.29E+00	4.74E-08	5.75E-08	2.57E-03	1.18E-04	8.59E-01	2.36E-01	1.51E+01	2.40E-04	1.52E+01	1.64E+01	1.42E+00	0.00E+00	0.00E+00	3.90E-10	6.76E-01
	WXF422T	9.61E-03	8.13E-01	4.15E-04	7.81E-01	6.69E-05	0.00E+00	5.15E+01	1.59E-04	6.41E-04	7.79E-03	5.97E-04	3.79E+00	5.54E-07	6.58E-08	1.06E+01	5.41E-01	1.10E-03	2.61E-02	1.57E-02	3.80E-01	1.29E+01	2.13E+00	5.12E-08	5.86E-08	2.59E-03	1.18E-04	8.14E-01	2.40E-01	1.60E+01	2.57E-04	1.61E+01	1.80E+01	1.41E+00	0.00E+00	0.00E+00	3.90E-10	6.82E-01
	WXF422V	9.42E-03	7.86E-01	-8.38E-04	7.63E-01	6.65E-05	0.00E+00	6.01E+01	1.58E-04	6.34E-04	7.73E-03	8.04E-04	3.58E+00	5.59E-07	6.63E-08	1.07E+01	5.21E-01	1.09E-03	2.46E-02	1.54E-02	3.76E-01	1.25E+01	2.29E+00	4.74E-08	5.75E-08	2.57E-03	1.18E-04	8.59E-01	2.35E-01	1.51E+01	2.40E-04	1.52E+01	1.64E+01	1.42E+00	0.00E+00	0.00E+00	3.90E-10	6.76E-01
	WXF423B	1.36E-02	1.02E+00	1.10E-02	1.01E+00	1.06E-04	0.00E+00	1.26E+01	2.74E-04	8.28E-04	9.68E-03	1.04E-03	6.31E+00	9.46E-07	1.41E-07	1.45E+01	1.05E+00	1.41E-03	4.54E-02	1.92E-02	6.02E-01	1.66E+01	2.72E+00	7.05E-08	8.63E-08	3.41E-03	1.99E-04	1.76E+00	3.15E-01	1.93E+01	3.58E-04	1.93E+01	2.14E+01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-01
	WXF423E	8.93E-03	9.28E-01	2.30E-03	9.24E-01	7.27E-05	0.00E+00	9.28E+01	2.22E-04	7.53E-04	8.14E-03	1.14E-03	4.03E+00	5.68E-07	8.35E-08	1.23E+01	7.31E-01	1.57E-03	2.85E-02	1.83E-02	3.93E-01	1.35E+01	2.91E+00	6.08E-08	6.78E-08	2.84E-03	1.40E-04	7.96E-01	3.84E-01	1.73E+01	2.92E-04	1.73E+01	1.86E+01	1.51E+00	0.00E+00	0.00E+00	3.90E-10	7.61E-01
	WXF423N	9.02E-03	9.86E-01	3.29E-03	9.83E-01	7.31E-05	0.00E+00	7.97E+01	2.23E-04	7.70E-04	8.40E-03	1.13E-03	4.23E+00	5.66E-07	7.96E-08	1.22E+01	7.33E-01	1.52E-03	2.85E-02	1.82E-02	4.06E-01	1.39E+01	2.91E+00	6.32E-08	6.85E-08	3.05E-03	1.41E-04	7.95E-01	3.30E-01	1.78E+01	2.93E-04	1.78E+01	1.96E+01	1.51E+00	0.00E+00	0.00E+00	3.90E-10	7.63E-01
	WXF423R	8.98E-03	9.71E-01	2.22E-03	9.82E-01	7.75E-05	0.00E+00	9.08E+01	2.22E-04	7.58E-04	8.21E-03	1.13E-03	4.04E+00	5.70E-07	8.38E-08	1.23E+01	7.10E-01	1.55E-03	2.64E-02	1.79E-02	4.01E-01	1.35E+01	2.91E+00	6.07E-08	6.77E-08	2.86E-03	1.43E-04	9.07E-01	3.82E-01	1.70E+01	2.70E-04	1.70E+01	1.83E+01	1.53E+00	0.00E+00	0.00E+00	3.90E-10	7.57E-01
	WXF423T	9.01E-03	9.77E-01	3.33E-03	9.79E-01	7.28E-05	0.00E+00	8.25E+01	2.23E-04	7.70E-04	8.40E-03	1.13E-03	4.23E+00	5.66E-07	7.91E-08	1.22E+01	7.33E-01	1.52E-03	2.85E-02	1.82E-02	4.02E-01	1.39E+01	2.92E+00	6.30E-08	6.85E-08	3.05E-03	1.41E-04	7.93E-01	3.81E-01	1.78E+01	2.93E-04	1.78E+01	1.96E+01	1.51E+00	0.00E+00	0.00E+00	3.90E-10	7.63E-01
	WXF423V	8.97E-03	9.33E-01	2.33E-03	9.55E-01	7.22E-05	0.00E+00	9.33E+01	2.22E-04	7.57E-04	8.17E-03	1.13E-03	4.03E+00	5.70E-07	8.46E-08	1.23E+01	7.10E-01	1.57E-03	2.61E-02	1.79E-02	3.96E-01	1.34E+01	2.92E+00	6.02E-08	6.79E-08	2.84E-03	1.42E-04	8.59E-01	3.83E-01	1.70E+01	2.70E-04	1.70E+01	1.82E+01	1.53E+00	0.00E+00	0.00E+00	3.90E-10	7.56E-01
	WXF431	5.11E-03	4.88E-01	-2.72E-02	4.99E-01	5.54E-05	0.00E+00	1.15E+02	5.18E-05	3.99E-04	4.39E-03	5.76E-04	1.57E+00	2.43E-07	2.82E-08	2.32E+00	2.77E-01	7.80E-04	1.29E-02	1.23E-02	2.08E-01	9.14E+00	1.79E+00	3.59E-08	3.37E-08	1.80E-03	7.81E-05	5.59E-01	6.42E-01	1.12E+01	1.82E-04	1.12E+01	1.19E+01	1.06E+00	0.00E+00	0.00E+00	3.90E-10	4.77E-01
	WXF432	8.42E-03	7.58E-01	-1.02E-03	7.37E-01	6.75E-05	0.00E+00	6.01E+01	1.58E-04	6.25E-04	7.58E-03	8.00E-04	3.57E+00	5.60E-07	6.63E-08	1.06E+01	5.26E-01	1.08E-03	2.46E-02	1.53E-02	3.61E-01	1.20E+01	2.28E+00	4.48E-08	5.61E-08	2.34E-03	1.12E-04	8.49E-01	2.33E-01	1.42E+01	2.39E-04	1.42E+01	1.57E+01	1.39E+00	0.00E+00	0.00E+00	3.90E-10	6.44E-01
	WXF433	9.00E-03	9.71E-01	2.25E-03	9.84E-01	7.32E-05	0.00E+00	9.07E+01	2.21E-04	7.58E-04	8.18E-03	1.14E-03	3.99E+00	5.66E-07	8.46E-08	1.22E+01	7.04E-01	1.57E-03	2.62E-02	1.74E-02	3.96E-01	1.35E+01	2.90E+00	6.10E-08	6.78E-08	2.84E-03	1.43E-04	9.06E-01	3.85E-01	1.69E+01	2.67E-04	1.70E+01	1.82E+01	1.52E+00	0.00E+00	0.00E+00	3.90E-10	7.32E-01
	WXF452B	1.12E-02	8.61E-01	2.48E-02	8.36E-01	8.14E-05	0.00E+00	1.03E+01	1.63E-04	6.56E-04	7.63E-03	7.52E-04	5.26E+00	5.29E-07	1.12E-07	1.19E+01	7.04E-01	1.02E-03	2.90E-02	1.55E-02	4.71E-01	1.36E+01	2.05E+00	5.80E-08	6.92E-08	2.74E-03	1.77E-04	1.29E+00	1.01E-01	1.57E+01	2.53E-04	1.57E+01	1.71E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-01
	WXF452N	9.73E-03	8.28E-01	2.52E-03	8.21E-01	4.67E-05	0.00E+00	1.22E+02	1.51E-04	6.40E-04	7.69E-03	8.43E-04	4.61E+00	4.87E-07	9.51E-08	1.07E+01	5.35E-01	1.14E-03	2.30E-02	2.44E-02	4.33E-01	1.46E+01	2.12E+00	5.57E-08	5.71E-08	2.68E-03	1.31E-04	9.17E-01	1.81E-01	1.83E+01	2.77E-04	1.83E+01	1.97E+01	1.34E+00	0.00E+00	0.00E+00	9.80E-04	1.09E+00
	WXF452T	9.78E-03	8.25E-01	2.87E-03	8.23E-01	4.66E-05	0.00E+00	1.23E+02	1.54E-04	6.43E-04	7.69E-03	8.34E-04	4.65E+00	4.87E-07	1.01E-07	1.08E+01	5.48E-01	1.13E-03	2.38E-02	2.20E-02	4.38E-01	1.46E+01	2.13E+00	5.74E-08	5.70E-08	2.68E-03	1.30E-04	9.20E-01	1.71E-01	1.83E+01	2.76E-04	1.83E+01	1.98E+01	1.34E+00	0.00E+00	0.00E+00	9.23E-04	8.46E-01
	WXF453B	9.28E-03	1.07E+00	2.49E-03	1.09E+00	5.81E-05	0.00E+00	1.34E+02	2.12E-04	7.73E-04	8.30E-03	1.20E-03	5.03E+00	5.06E-07	1.09E-07	1.19E+01	6.78E-01	1.62E-03	2.75E-02	2.50E-02	4.91E-01	1.68E+01	3.01E+00	6.50E-08	7.15E-08	3.09E-03	1.70E-04	1.08E+00	1.86E-01	2.00E+01	3.05E-04	2.00E+01	2.18E+01	1.72E+00	0.00E+00	0.00E+00	8.65E-04	9.20E-01
	WXF453N	9.22E-03	1.06E+00	3.87E-03	1.07E+00	4.72E-05	0.00E+00	1.38E+02	2.14E-04	7.83E-04	8.28E-03	1.19E-03	4.97E+00	5.03E-07	1.11E-07	1.19E+01	6.65E-01	1.63E-03	2.66E-02	2.49E-02	4.84E-01	1.65E+01	3.04E+00	6.51E-08	7.28E-08	3.25E-03	1.69E-04	9.66E-01	1.97E-01	1.99E+01	3.05E-04	2.00E+01	2.19E+01	1.70E+00	0.00E+00	0.00E+00	9.23E-04	9.20E-01
	WXF453T	9.22E-03	1.06E+00	3.88E-03	1.07E+00	4.72E-05	0.00E+00	1.38E+02	2.13E-04	7.82E-04	8.27E-03	1.20E-03	4.99E+00	5.03E-07	1.11E-07	1.19E+01	6.65E-01	1.63E-03	2.66E-02	2.53E-02	4.90E-01	1.65E+01	3.03E+00	6.51E-08	7.19E-08	3.25E-03	1.68E-04	9.71E-01	1.89E-01	1.99E+01	3.08E-04	2.00E+01	2.19E+01	1.71E+00	0.00E+00	0.00E+00	9.23E-04	9.24E-01
	WXF462B	3.23E-03	2.85E-01	-3.46E-03	2.87E-01	7.15E-06	0.00E+00	2.34E+02	5.21E-05	2.66E-04	2.82E-03	3.63E-04	1.81E+00	1.06E-07	3.73E-08	3.69E+00	1.62E-01	4.85E-04	9.48E-03	5.65E-03	1.41E-01	5.25E+00	7.58E-01	8.90E-08	2.48E-08	1.14E-03	6.50E-05	3.02E-01	1.91E-01	6.31E+00	3.10E-05	6.31E+00	7.13E+00	5.16E-01	0.00E+00	0.00E+00	3.90E-10	2.34E-01
	WXF462R	2.66E-03	2.74E-01	-3.71E-03	2.75E-01	8.11E-06	0.00E+00	2.20E+02	2.42E-05	2.68E-04	2.77E-03	3.67E-04	8.94E-01	1.03E-07	2.00E-08	1.81E+00	1.17E-01	4.91E-04	8.10E-03	5.95E-03	1.29E-01	5.67E+00	7.78E-01	8.45E-08	2.00E-08	1.12E-03	5.74E-05	2.94E-01	1.97E-01	6.74E+00	1.05E-05	6.74E+00	7.41E+00	7.26E-01	0.00E+00	0.00E+00	3.90E-10	2.69E-01
	WXF472B	9.86E-03	8.15E-01	1.47E-03	8.13E-01	4.95E-05	0.00E+00	1.19E+02	1.53E-04	6.38E-04	7.70E-03	8.43E-04	4.69E+00	4.93E-07	1.03E-07	1.10E+01	5.54E-01	1.14E-03	2.48E-02	2.14E-02	4.37E-01	1.45E+01	2.13E+00	5.62E-08	5.76E-08	2.66E-03	1.30E-04	1.02E+00	1.87E-01	1.80E+01	2.65E-04	1.80E+01	1.91E+01	1.40E+00	0.00E+00	0.00E+00	8.65E-04	8.33E-01
	WXF472E	1.07E-02	8.29E-01	2.86E-03	8.23E-01	4.14E-05	0.00E+00	4.61E+01	1.56E-04	6.70E-04	7.87E-03	8.44E-04	4.67E+00	4.79E-07	1.03E-07	1.09E+01	5.31E-01	1.14E-03	2.78E-02	2.20E-02	4.31E-01	1.45E+01	1.99E+00	5.66E-08	6.21E-08	2.75E-03	1.22E-04	8.72E-01	1.86E-01	1.81E+01	2.71E-04	1.80E+01	1.96E+01	1.33E+00	0.00E+00	0.00E+00	9.23E-04	7.87E-01
	WXF472N	9.98E-03	8.24E-01	3.05E-03	8.21E-01	4.64E-05	0.00E+00	1.21E+02	1.54E-04	6.43E-04	7.69E-03	8.43E-04	4.68E+00	4.77E-07	1.03E-07	1.08E+01	5.32E-01	1.14E-03	2.45E-02	2.22E-02	4.36E-01	1.46E+01	2.01E+00	5.76E-08	5.75E-08	2.69E-03	1.29E-04	8.70E-01	1.74E-01	1.84E+01	2.86E-04	1.84E+01	1.99E+01	1.36E+00	0.00E+00	0.00E+00	9.23E-04	8.41E-01
	WXF472R	1.13E-02	8.75E-01	9.44E-03	8.66E-01	8.27E-05	0.00E+00	1.07E+01	1.63E-04	6.91E-04	7.97E-03	8.40E-04	5.26E+00	5.31E-07	1.12E-07	1.20E+01	7.07E-01	1.14E-03	2.91E-02	1.57E-02	4.78E-01	1.40E+01	2.09E+00	5.85E-08	6.99E-08	2.82E-03	1.77E-04	1.28E+00	3.00E-01	1.61E+01	2.53E-04	1.61E+01	1.77E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-01
	WXF472T	9.99E-03	8.22E-01	3.03E-03	8.17E-01	4.64E-05	0.00E+00	1.21E+02	1.54E-04	6.44E-04	7.69E-03	8.43E-04	4.68E+00	4.77E-07	1.03E-07	1.09E+01	5.32E-01	1.14E-03	2.45E-02	2.15E-02	4.36E-01	1.46E+01	2.01E+00	5.78E-08	5.86E-08	2.69E-03	1.29E-04	8.69E-01	1.91E-01	1.84E+01	2.84E-04	1.84E+01	1.99E+01	1.36E+00	0.00E+00	0.00E+00	9.23E-04	8.37E-01
	WXF472V	1.07E-02	8.31E-01	2.87E-03	8.23E-01	4.14E-05	0.00E+00	4.61E+01	1.56E-04	6.70E-04	7.87E-03	8.44E-04	4.67E+00	4.79E-07	1.03E-07	1.09E+01	5.31E-01	1.14E-03	2.78E-02	2.20E-02	4.31E-01	1.45E+01	1.98E+00	5.66E-08	6.21E-08	2.75E-03	1.22E-04	8.72E-01	1.86E-01	1.81E+01	2.72E-04	1.81E+01	1.96E+01	1.33E+00	0.00E+00	0.00E+00	9.23E-04	7.95E-01
	WXF473B	9.26E-03	1.07E+00	2.39E-03	1.09E+00	5.75E-05	0.00E+00	1.34E+02	2.12E-04	7.72E-04	8.30E-03	1.15E-03	4.97E+00	5.07E-07	1.12E-07	1.19E+01	6.84E-01	1.63E-03	2.68E-02	2.46E-02	4.80E-01	1.66E+01	3.03E+00	6.82E-08	7.31E-08	3.08E-03	1.71E-04	1.05E+00	2.11E-01	1.98E+01	2.98E-04	1.99E+01	2.16E+01	1.71E+00	0.00E+00	0.00E+00	8.65E-04	9.15E-01
	WXF473N	9.22E-03	1.06E+00	3.88E-03	1.07E+00	4.72E-05	0.00E+00	1.37E+02	2.13E-04	7.81E-04	8.37E-03	1.20E-03	4.96E+00	4.93E-07	1.13E-07	1.17E+01	6.76E-01	1.62E-03	2.70E-02	2.54E-02	4.79E-01	1.66E+01	3.02E+00	6.49E-08	7.33E-08	3.25E-03	1.65E-04	9.11E-01	1.90E-01	2.00E+01	3.30E-04	2.00E+01	2.20E+01	1.73E+00	0.00E+00	0.00E+00	9.23E-04	9.22E-01
	WXF473R	9.19E-03	1.07E+00	3.90E-03	1.06E+00	4.72E-05	0.00E+00	1.37E+02	2.13E-04	7.81E-04	8.34E-03	1.18E-03	4.97E+00	4.93E-07	1.14E-07	1.18E+01	6.82E-01	1.63E-03	2.73E-02	2.50E-02	4.74E-01	1.65E+01	3.07E+00	6.52E-08	7.38E-08	3.25E-03	1.65E-04	9.05E-01	2.12E-01	2.00E+01	3.27E-04	2.00E+01	2.20E+01	1.71E+00	0.00E+00	0.00E+00	9.23E-04	9.19E-01
	WXF473T	9.20E-03	1.06E+00	3.89E-03	1.07E+00	4.73E-05	0.00E+00	1.37E+02	2.12E-04	7.81E-04	8.36E-03	1.20E-03	4.96E+00	4.93E-07	1.13E-07	1.17E+01	6.76E-01	1.61E-03	2.70E-02	2.54E-02	4.79E-01	1.66E+01	3.02E+00	6.43E-08	7.30E-08	3.25E-03	1.65E-04	9.20E-01	1.80E-01	2.00E+01	3.34E-04	2.00E+01	2.21E+01	1.72E+00	0.00E+00	0.00E+00	9.23E-04	9.21E-01
	WXPSS81	1.90E-02	3.09E+00	-3.12E-02	3.12E+00	3.74E-04	0.00E+00	4.19E+02	8.01E-05	2.45E-03	2.65E-02	3.56E-03	2.35E+00	2.78E-07	6.51E-08	7.58E+00	1.19E+00	4.83E-03	3.27E-02	1.64E-02	1.31E+00	5.46E+01	1.07E+01	2.03E-07	1.19E-07	8.06E-03	4.92E-04	3.29E+00	1.34E+00	6.53E+01	6.24E-05	6.53E+01	6.99E+01	4.63E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-01
	WXPSS82	3.41E-02	4.72E+00	-2.69E-02	4.74E+00	5.25E-04	0.00E+00	7.86E+02	1.78E-04	3.88E-03	4.16E-02	5.49E-03	4.89E+00	5.80E-07	2.08E-07	1.25E+01	1.81E+00	7.43E-03	5.89E-02	2.43E-02	1.77E+00	8.24E+01	1.62E+01	4.97E-07	1.97E-07	1.32E-02	6.94E-04	3.83E+00	1.82E+00	9.86E+01	1.27E-04	9.86E+01	1.04E+02	5.65E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
Distribution A4	GS20009016	2.39E-04	3.77E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	2.47E-02	1.42E-08	1.12E-04	1.23E-03	0.00E+00	0.00E+00	6.63E-13	1.28E-11	9.19E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.32E-03	5.26E-01	0.00E+00	5.78E-11	1.94E-09	3.10E-04	9.43E-07	7.02E-04	0.00E+00	5.26E-01	1.49E-09	5.26E-01	5.27E-01	7.02E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
	194802	4.22E-04	7.26E-02	4.57E-10	7.26E-02	2.05E-11	0.00E+00	4.63E-02	2.71E-08	1.97E-04	2.26E-03	0.00E+00	0.00E+00	1.28E-12	2.45E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-06	2.53E-03	1.05E+00	0.00E+00	1.08E-10	3.35E-09	5.56E-04	1.75E-06	1.34E-03	0.00E+00	1.05E+00	2.92E-09	1.05E+00	1.07E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
	194818	4.30E-04	7.26E-02	4.57E-10	7.26E-02	2.05E-11	0.00E+00	4.63E-02	2.70E-08	2.00E-04	2.26E-03	0.00E+00	0.00E+00	1.28E-12	2.44E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.35E-06	2.52E-03	1.05E+00	0.00E+00	1.08E-10	3.41E-09	5.69E-04	1.76E-06	1.33E-03	0.00E+00	1.05E+00	2.91E-09	1.05E+00	1.06E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
	194819	4.59E-04	7.64E-02	4.57E-10	7.65E-02	2.05E-11	0.00E+00	2.15E-01	2.87E-08	2.17E-04	2.40E-03	0.00E+00	1.84E-05	2.93E-12	3.45E-11	4.21E-04	1.89E-05	0.00E+00	0.00E+00	8.63E-06	2.72E-03	1.09E+00	0.00E+00	1.46E-10	3.75E-09	5.92E-04	1.88E-06	1.43E-03	0.00E+00	1.09E+00	5.31E-09	1.09E+00	1.10E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	4.18E-04
	194830	4.32E-04	7.27E-02	4.57E-10	7.27E-02	2.05E-11	0.00E+00	4.62E-02	2.71E-08	2.01E-04	2.27E-03	0.00E+00	0.00E+00	1.28E-12	2.44E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.35E-06	2.53E-03	1.05E+00	0.00E+00	1.09E-10	3.44E-09	5.70E-04	1.76E-06	1.33E-03	0.00E+00	1.05E+00	2.92E-09	1.05E+00	1.06E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
	396103	5.37E-05	1.08E-02	4.34E-08	1.09E-02	1.53E-08	0.00E+00	3.34E-01	3.52E-08	3.11E-05	3.57E-04	0.00E+00	4.43E-05	1.92E-12	3.56E-11	3.47E-04	4.31E-05	0.00E+00	0.00E+00	7.62E-06	7.24E-04	1.85E-01	0.00E+00	1.08E-10	5.47E-10	1.23E-04	6.02E-07	4.44E-04	0.00E+00	1.85E-01	3.35E-09	1.85E-01	1.85E-01	4.44E-04	0.00E+00	0.00E+00	0.00E+00	3.34E-04
	396161	3.07E-05	9.80E-03	1.62E-08	9.78E-03	8.71E-09	0.00E+00	9.67E-02	1.78E-08	2.69E-05	3.00E-04	0.00E+00	1.78E-05	8.54E-13	1.66E-11	1.51E-04	2.55E-05	0.00E+00	0.00E+00	4.22E-06	6.28E-04	1.70E-01	0.00E+00	5.61E-11	3.71E-10	1.07E-04	5.03E-07	3.71E-04	0.00E+00	1.70E-01	1.77E-09	1.70E-01	1.70E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
	396380	8.45E-05	1.33E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	8.74E-03	5.00E-09	3.96E-05	4.34E-04	0.00E+00	0.00E+00	2.34E-13	4.53E-12	3.25E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-06	4.68E-04	1.86E-01	0.00E+00	2.04E-11	6.87E-10	1.10E-04	3.33E-07	2.48E-04	0.00E+00	1.86E-01	5.25E-10	1.86E-01	1.86E-01	2.48E-04	0.00E+00	0.00E+00	0.00E+00	5.06E-05
	396765	8.72E-05	1.37E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	9.02E-03	5.16E-09	4.09E-05	4.48E-04	0.00E+00	0.00E+00	2.42E-13	4.68E-12	3.35E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-06	4.83E-04	1.92E-01	0.00E+00	2.11E-11	7.09E-10	1.13E-04	3.44E-07	2.56E-04	0.00E+00	1.92E-01	5.42E-10	1.92E-01	1.92E-01	2.56E-04	0.00E+00	0.00E+00	0.00E+00	5.23E-05
	396768	1.92E-05	1.21E-02	4.96E-08	1.21E-02	1.84E-08	0.00E+00	3.54E-01	4.53E-08	3.47E-06	3.81E-05	0.00E+00	5.07E-05	2.38E-12	4.53E-11	4.29E-04	5.19E-05	0.00E+00	0.00E+00	1.02E-05	1.13E-03	2.15E-01	0.00E+00	1.47E-10	1.64E-10	1.23E-05	8.92E-07	6.79E-04	0.00E+00	2.15E-01	4.33E-09	2.15E-01	2.16E-01	6.79E-04	0.00E+00	0.00E+00	0.00E+00	4.37E-04
	396874	8.45E-05	1.33E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	8.74E-03	5.00E-09	3.96E-05	4.34E-04	0.00E+00	0.00E+00	2.34E-13	4.53E-12	3.25E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-06	4.68E-04	1.86E-01	0.00E+00	2.04E-11	6.87E-10	1.10E-04	3.33E-07	2.48E-04	0.00E+00	1.86E-01	5.25E-10	1.86E-01	1.86E-01	2.48E-04	0.00E+00	0.00E+00	0.00E+00	5.06E-05
	404049	2.36E-04	3.72E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.44E-02	1.40E-08	1.10E-04	1.21E-03	0.00E+00	0.00E+00	6.54E-13	1.26E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	1.31E-03	5.19E-01	0.00E+00	5.70E-11	1.92E-09	3.06E-04	9.30E-07	6.93E-04	0.00E+00	5.19E-01	1.46E-09	5.19E-01	5.20E-01	6.93E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04
	41091404	2.08E-04	2.04E-02	4.57E-10	2.04E-02	2.05E-11	0.00E+00	1.31E-02	7.42E-09	6.47E-05	7.24E-04	0.00E+00	0.00E+00	3.52E-13	6.71E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	7.11E-04	2.75E-01	0.00E+00	3.06E-11	1.09E-09	1.73E-04	5.07E-07	3.74E-04	0.00E+00	2.75E-01	7.74E-10	2.75E-01	2.74E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05
	41091606	1.28E-04	2.04E-02	4.57E-10	2.05E-02	2.05E-11	0.00E+00	1.32E-02	7.44E-09	5.92E-05	6.65E-04	0.00E+00	0.00E+00	3.54E-13	6.78E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	6.96E-04	2.76E-01	0.00E+00	3.07E-11	1.02E-09	1.69E-04	5.00E-07	3.71E-04	0.00E+00	2.76E-01	7.80E-10	2.76E-01	2.75E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
	41091909	1.28E-04	2.01E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.29E-02	7.44E-09	5.90E-05	6.52E-04	0.00E+00	0.00E+00	3.49E-13	6.70E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	7.13E-04	2.76E-01	0.00E+00	3.07E-11	1.02E-09	1.65E-04	5.05E-07	3.73E-04	0.00E+00	2.76E-01	7.79E-10	2.76E-01	2.75E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
	41092045	1.07E-04	1.78E-02	9.74E-09	1.78E-02	3.02E-09	0.00E+00	9.20E-02	1.53E-08	2.17E-05	2.30E-04	0.00E+00	9.14E-06	6.44E-13	1.24E-11	9.07E-05	9.32E-06	0.00E+00	0.00E+00	3.68E-06	9.24E-04	2.97E-01	0.00E+00	4.13E-11	8.32E-10	5.31E-05	6.12E-07	4.36E-04	0.00E+00	2.97E-01	1.16E-09	2.97E-01	2.96E-01	4.36E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
	41092089	1.01E-04	1.79E-02	1.32E-08	1.78E-02	4.47E-09	0.00E+00	1.38E-01	2.24E-08	2.08E-05	2.25E-04	0.00E+00	1.27E-05	8.29E-13	1.60E-11	1.29E-04	1.56E-05	0.00E+00	0.00E+00	5.35E-06	9.56E-04	2.96E-01	0.00E+00	6.46E-11	7.96E-10	5.27E-05	6.84E-07	4.79E-04	0.00E+00	2.96E-01	1.58E-09	2.96E-01	2.96E-01	4.79E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-04

41096084	1.34E-04	2.08E-02	4.57E-10	2.08E-02	2.05E-11	0.00E+00	1.37E-02	7.81E-09	6.09E-05	6.80E-04	0.00E+00	0.00E+00	3.68E-13	6.94E-12	5.08E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.32E-04	2.93E-01	0.00E+00	3.22E-11	1.06E-09	1.67E-04	5.25E-07	3.91E-04	0.00E+00	2.93E-01	8.21E-10	2.93E-01	2.92E-01	3.91E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-05
41096086	1.28E-04	2.00E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.32E-02	7.44E-09	5.90E-05	6.49E-04	0.00E+00	0.00E+00	3.52E-13	6.73E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.96E-04	2.75E-01	0.00E+00	3.07E-11	1.02E-09	1.64E-04	4.98E-07	3.70E-04	0.00E+00	2.75E-01	7.78E-10	2.75E-01	2.75E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
41096089	1.28E-04	2.02E-02	4.57E-10	2.02E-02	2.05E-11	0.00E+00	1.32E-02	7.45E-09	5.90E-05	6.51E-04	0.00E+00	0.00E+00	3.54E-13	6.70E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.13E-04	2.76E-01	0.00E+00	3.07E-11	1.02E-09	1.65E-04	5.07E-07	3.74E-04	0.00E+00	2.76E-01	7.79E-10	2.76E-01	2.75E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-05
41097003	2.25E-04	4.88E-02	4.57E-10	5.08E-02	2.05E-11	0.00E+00	3.55E-02	1.88E-08	1.14E-04	1.01E-03	0.00E+00	0.00E+00	9.17E-13	1.91E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.79E-06	1.67E-03	6.68E-01	0.00E+00	8.01E-11	2.06E-09	3.26E-04	1.22E-06	8.87E-04	0.00E+00	6.68E-01	2.27E-09	6.68E-01	7.14E-01	8.87E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04
41097006	1.28E-04	1.99E-02	4.57E-10	1.99E-02	2.05E-11	0.00E+00	1.28E-02	7.39E-09	5.90E-05	6.48E-04	0.00E+00	0.00E+00	3.46E-13	6.64E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	7.11E-04	2.74E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	5.02E-07	3.72E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-05
41097009	1.28E-04	2.01E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.29E-02	7.44E-09	5.90E-05	6.51E-04	0.00E+00	0.00E+00	3.49E-13	6.69E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	7.13E-04	2.75E-01	0.00E+00	3.07E-11	1.02E-09	1.65E-04	5.05E-07	3.73E-04	0.00E+00	2.75E-01	7.79E-10	2.75E-01	2.75E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05
41098982	1.28E-04	2.04E-02	4.57E-10	2.05E-02	2.05E-11	0.00E+00	1.32E-02	7.47E-09	5.88E-05	6.50E-04	0.00E+00	0.00E+00	3.54E-13	6.70E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.13E-04	2.76E-01	0.00E+00	3.07E-11	1.02E-09	1.64E-04	5.07E-07	3.74E-04	0.00E+00	2.76E-01	7.80E-10	2.76E-01	2.75E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-05
41098989	1.43E-04	2.11E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	1.38E-02	7.92E-09	6.27E-05	6.88E-04	0.00E+00	0.00E+00	3.71E-13	7.18E-12	5.15E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.41E-04	2.95E-01	0.00E+00	3.24E-11	1.09E-09	1.74E-04	5.28E-07	3.93E-04	0.00E+00	2.95E-01	8.32E-10	2.95E-01	2.95E-01	3.93E-04	0.00E+00	0.00E+00	0.00E+00	8.02E-05
41101909	1.28E-04	2.05E-02	4.57E-10	2.05E-02	2.05E-11	0.00E+00	1.31E-02	7.45E-09	5.96E-05	6.67E-04	0.00E+00	0.00E+00	3.53E-13	6.76E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	7.12E-04	2.76E-01	0.00E+00	3.06E-11	1.02E-09	1.69E-04	5.08E-07	3.74E-04	0.00E+00	2.76E-01	7.80E-10	2.76E-01	2.75E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05
41101913	1.25E-04	1.96E-02	4.57E-10	1.96E-02	2.05E-11	0.00E+00	1.30E-02	7.30E-09	5.83E-05	6.47E-04	0.00E+00	0.00E+00	3.49E-13	6.68E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.96E-04	2.70E-01	0.00E+00	2.99E-11	1.00E-09	1.64E-04	4.98E-07	3.67E-04	0.00E+00	2.70E-01	7.71E-10	2.70E-01	2.71E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.34E-05
41101914	1.28E-04	2.04E-02	4.57E-10	2.05E-02	2.05E-11	0.00E+00	1.31E-02	7.44E-09	5.96E-05	6.66E-04	0.00E+00	0.00E+00	3.53E-13	6.77E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.00E-04	2.76E-01	0.00E+00	3.05E-11	1.02E-09	1.69E-04	5.03E-07	3.71E-04	0.00E+00	2.76E-01	7.80E-10	2.76E-01	2.75E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
41101915	1.28E-04	2.04E-02	4.57E-10	2.04E-02	2.05E-11	0.00E+00	1.31E-02	7.44E-09	5.96E-05	6.65E-04	0.00E+00	0.00E+00	3.52E-13	6.77E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.00E-04	2.75E-01	0.00E+00	3.05E-11	1.02E-09	1.68E-04	5.03E-07	3.71E-04	0.00E+00	2.75E-01	7.80E-10	2.75E-01	2.75E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05
41101924	1.24E-04	1.91E-02	4.57E-10	1.91E-02	2.05E-11	0.00E+00	1.27E-02	7.24E-09	5.86E-05	6.40E-04	0.00E+00	0.00E+00	3.42E-13	6.52E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.76E-04	2.68E-01	0.00E+00	2.97E-11	9.97E-10	1.63E-04	4.72E-07	3.58E-04	0.00E+00	2.68E-01	7.68E-10	2.68E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.26E-05
41102007	1.18E-04	1.83E-02	4.57E-10	1.83E-02	2.05E-11	0.00E+00	1.19E-02	6.91E-09	5.54E-05	5.98E-04	0.00E+00	0.00E+00	3.20E-13	6.19E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.51E-04	2.56E-01	0.00E+00	2.83E-11	9.62E-10	1.51E-04	4.65E-07	3.45E-04	0.00E+00	2.56E-01	7.17E-10	2.56E-01	2.58E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-05
41102022	1.20E-04	1.87E-02	4.57E-10	1.87E-02	2.05E-11	0.00E+00	1.22E-02	6.97E-09	5.61E-05	6.04E-04	0.00E+00	0.00E+00	3.26E-13	6.36E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.64E-04	2.61E-01	0.00E+00	2.89E-11	9.76E-10	1.54E-04	4.73E-07	3.53E-04	0.00E+00	2.61E-01	7.34E-10	2.61E-01	2.62E-01	3.53E-04	0.00E+00	0.00E+00	0.00E+00	7.10E-05
41102045	1.07E-04	1.89E-02	7.15E-09	1.89E-02	2.74E-09	0.00E+00	9.61E-02	1.41E-08	2.09E-05	2.36E-04	0.00E+00	6.96E-06	5.91E-13	1.14E-11	8.73E-05	8.43E-06	0.00E+00	0.00E+00	3.57E-06	9.24E-04	3.23E-01	0.00E+00	4.10E-11	8.57E-10	5.69E-05	6.19E-07	4.44E-04	0.00E+00	3.23E-01	1.10E-09	3.23E-01	3.25E-01	4.44E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
41102089	1.00E-04	1.78E-02	1.02E-08	1.78E-02	4.32E-09	0.00E+00	1.38E-01	2.19E-08	1.91E-05	2.19E-04	0.00E+00	1.01E-05	8.14E-13	1.54E-11	1.31E-04	1.54E-05	0.00E+00	0.00E+00	5.40E-06	9.35E-04	2.97E-01	0.00E+00	6.47E-11	7.93E-10	5.41E-05	6.94E-07	4.83E-04	0.00E+00	2.97E-01	1.57E-09	2.97E-01	2.97E-01	4.83E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-04
41106013	1.28E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.29E-02	7.40E-09	5.90E-05	6.48E-04	0.00E+00	0.00E+00	3.48E-13	6.71E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	7.00E-04	2.76E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	5.00E-07	3.69E-04	0.00E+00	2.76E-01	7.77E-10	2.76E-01	2.76E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
41106014	1.28E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.29E-02	7.40E-09	5.90E-05	6.48E-04	0.00E+00	0.00E+00	3.48E-13	6.71E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	7.00E-04	2.76E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	5.00E-07	3.69E-04	0.00E+00	2.76E-01	7.77E-10	2.76E-01	2.76E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
41106015	1.28E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.29E-02	7.40E-09	5.90E-05	6.48E-04	0.00E+00	0.00E+00	3.48E-13	6.71E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	7.00E-04	2.76E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	5.00E-07	3.69E-04	0.00E+00	2.76E-01	7.77E-10	2.76E-01	2.76E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
41106024	1.28E-04	2.01E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.30E-02	7.48E-09	5.91E-05	6.53E-04	0.00E+00	0.00E+00	3.49E-13	6.75E-12	4.85E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.97E-04	2.76E-01	0.00E+00	3.06E-11	1.02E-09	1.66E-04	4.96E-07	3.70E-04	0.00E+00	2.76E-01	7.82E-10	2.76E-01	2.76E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.52E-05
41106084	1.32E-04	2.02E-02	4.57E-10	2.03E-02	2.05E-11	0.00E+00	1.33E-02	7.56E-09	6.06E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.97E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.14E-04	2.84E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.14E-07	3.79E-04	0.00E+00	2.84E-01	7.92E-10	2.84E-01	2.84E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
41106086	1.28E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.30E-02	7.40E-09	5.90E-05	6.48E-04	0.00E+00	0.00E+00	3.48E-13	6.71E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.95E-04	2.76E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	4.98E-07	3.69E-04	0.00E+00	2.76E-01	7.76E-10	2.76E-01	2.76E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
41106089	1.28E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.29E-02	7.40E-09	5.90E-05	6.48E-04	0.00E+00	0.00E+00	3.48E-13	6.71E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	7.00E-04	2.76E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	5.00E-07	3.69E-04	0.00E+00	2.76E-01	7.77E-10	2.76E-01	2.76E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
41107009	1.28E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.29E-02	7.42E-09	5.90E-05	6.51E-04	0.00E+00	0.00E+00	3.48E-13	6.70E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	7.07E-04	2.75E-01	0.00E+00	3.06E-11	1.02E-09	1.65E-04	5.05E-07	3.73E-04	0.00E+00	2.75E-01	7.79E-10	2.75E-01	2.75E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05
41107113	1.27E-04	1.99E-02	4.57E-10	1.99E-02	2.05E-11	0.00E+00	1.29E-02	7.41E-09	5.90E-05	6.47E-04	0.00E+00	0.00E+00	3.47E-13	6.69E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	7.05E-04	2.74E-01	0.00E+00	3.05E-11	1.02E-09	1.64E-04	5.05E-07	3.73E-04	0.00E+00	2.74E-01	7.78E-10	2.74E-01	2.75E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05
41107114	1.28E-04	2.00E-02	4.57E-10	1.99E-02	2.05E-11	0.00E+00	1.29E-02	7.41E-09	5.90E-05	6.49E-04	0.00E+00	0.00E+00	3.46E-13	6.71E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	7.00E-04	2.75E-01	0.00E+00	3.05E-11	1.02E-09	1.64E-04	5.00E-07	3.69E-04	0.00E+00	2.75E-01	7.78E-10	2.75E-01	2.75E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05
41107115	1.28E-04	2.00E-02	4.57E-10	1.99E-02	2.05E-11	0.00E+00	1.29E-02	7.41E-09	5.90E-05	6.49E-04	0.00E+00	0.00E+00	3.46E-13	6.71E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	7.00E-04	2.75E-01	0.00E+00	3.05E-11	1.02E-09	1.64E-04	5.00E-07	3.69E-04	0.00E+00	2.75E-01	7.78E-10	2.75E-01	2.75E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05
41108913	1.31E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.35E-02	7.74E-09	6.13E-05	6.72E-04	0.00E+00	0.00E+00	3.63E-13	7.02E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.24E-04	2.88E-01	0.00E+00	3.16E-11	1.06E-09	1.70E-04	5.16E-07	3.84E-04	0.00E+00	2.88E-01	8.12E-10	2.88E-01	2.88E-01	3.84E-04	0.00E+00	0.00E+00	0.00E+00	7.84E-05
41108914	1.28E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.31E-02	7.43E-09	5.90E-05	6.49E-04	0.00E+00	0.00E+00	3.51E-13	6.71E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.96E-04	2.76E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	5.01E-07	3.67E-04	0.00E+00	2.76E-01	7.77E-10	2.76E-01	2.76E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
41108915	1.23E-04	2.02E-02	4.57E-10	2.03E-02	2.05E-11	0.00E+00	1.39E-02	7.49E-09	5.63E-05	5.94E-04	0.00E+00	0.00E+00	3.56E-13	7.25E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	7.19E-04	2.82E-01	0.00E+00	3.10E-11	9.90E-10	1.58E-04	5.16E-07	3.80E-04	0.00E+00	2.82E-01	7.84E-10	2.82E-01	2.81E-01	3.80E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-05
41108924	1.32E-04	2.07E-02	4.57E-10	2.07E-02	2.05E-11	0.00E+00	1.35E-02	7.55E-09	6.05E-05	6.79E-04	0.00E+00	0.00E+00	3.64E-13	7.09E-12	5.01E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.12E-04	2.84E-01	0.00E+00	3.11E-11	1.03E-09	1.71E-04	5.17E-07	3.76E-04	0.00E+00	2.84E-01	7.96E-10	2.84E-01	2.84E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05
41108989	1.28E-04	2.01E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.32E-02	7.43E-09	5.90E-05	6.49E-04	0.00E+00	0.00E+00	3.53E-13	6.71E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.96E-04	2.76E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	5.03E-07	3.67E-04	0.00E+00	2.76E-01	7.77E-10	2.76E-01	2.76E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.55E-05
41157003	1.19E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	6.93E-09	5.60E-05	5.99E-04	0.00E+00	0.00E+00	3.25E-13	6.32E-12	4.55E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.56E-04	2.59E-01	0.00E+00	2.88E-11	9.74E-10	1.53E-04	4.63E-07	3.45E-04	0.00E+00	2.59E-01	7.33E-10	2.59E-01	2.60E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05
41157004	1.32E-04	2.05E-02	4.57E-10	2.05E-02	2.05E-11	0.00E+00	1.34E-02	7.65E-09	6.02E-05	6.68E-04	0.00E+00	0.00E+00	3.60E-13	7.03E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.16E-04	2.86E-01	0.00E+00	3.11E-11	1.04E-09	1.68E-04	5.11E-07	3.79E-04	0.00E+00	2.86E-01	8.05E-10	2.86E-01	2.88E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.76E-05
41157006	1.09E-04	1.72E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.13E-02	6.45E-09	5.10E-05	5.60E-04	0.00E+00	0.00E+00	3.02E-13	5.84E-12	4.19E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-06	6.03E-04	2.40E-01	0.00E+00	2.63E-11	8.85E-10	1.41E-04	4.30E-07	3.20E-04	0.00E+00	2.40E-01	6.77E-10	2.40E-01	2.40E-01	3.20E-04	0.00E+00	0.00E+00	0.00E+00	6.53E-05
41157009	1.08E-04	1.70E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.11E-02	6.37E-09	5.05E-05	5.53E-04	0.00E+00	0.00E+00	2.99E-13	5.78E-12	4.14E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	5.97E-04	2.37E-01	0.00E+00	2.61E-11	8.75E-10	1.40E-04	4.25E-07	3.16E-04	0.00E+00	2.37E-01	6.69E-10	2.37E-01	2.37E-01	3.16E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-05
41231404	1.16E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.17E-02	6.76E-09	5.34E-05	5.78E-04	0.00E+00	0.00E+00	3.16E-13	6.09E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.38E-04	2.49E-01	0.00E+00	2.75E-11	9.24E-10	1.47E-04	4.53E-07	3.38E-04	0.00E+00	2.49E-01	7.07E-10	2.49E-01	2.50E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-05
41231606	1.19E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	7.03E-09	5.46E-05	6.12E-04	0.00E+00	0.00E+00	3.28E-13	6.36E-12	4.49E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.51E-04	2.61E-01	0.00E+00	2.84E-11	9.55E-10	1.52E-04	4.73E-07	3.58E-04	0.00E+00	2.61E-01	7.38E-10	2.61E-01	2.60E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-05
41231909	1.27E-04	1.96E-02	4.57E-10	1.96E-02	2.05E-11	0.00E+00	1.29E-02	7.36E-09	5.82E-05	6.34E-04	0.00E+00	0.00E+00	3.46E-13	6.64E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.93E-04	2.73E-01	0.00E+00	3.00E-11	1.01E-09	1.59E-04	4.89E-07	3.65E-04	0.00E+00	2.73E-01	7.74E-10	2.73E-01	2.73E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-05
41232045	1.15E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.16E-02	6.69E-09	5.32E-05	5.70E-04	0.00E+00	0.00E+00	3.12E-13	6.02E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.15E-04	2.44E-01	0.00E+00	2.74E-11	9.20E-10	1.44E-04	4.38E-07	3.31E-04	0.00E+00	2.44E-01	6.94E-10	2.44E-01	2.45E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
41232089	1.15E-04	1.74E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.15E-02	6.70E-09	5.33E-05	5.66E-04	0.00E+00	0.00E+00	3.12E-13	6.03E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.35E-04	2.45E-01	0.00E+00	2.74E-11	9.20E-10	1.44E-04	4.51E-07	3.38E-04	0.00E+00	2.45E-01	6.92E-10	2.45E-01	2.46E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-05
41236084	1.29E-04	1.99E-02	4.57E-10	1.99E-02	2.05E-11	0.00E+00	1.30E-02	7.38E-09	5.91E-05	6.47E-04	0.00E+00	0.00E+00	3.49E-13	6.81E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.02E-04	2.78E-01	0.00E+00	3.07E-11	1.02E-09	1.64E-04	5.00E-07	3.79E-04	0.00E+00	2.78E-01	7.74E-10	2.78E-01	2.79E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.55E-05
41236086	1.29E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.31E-02	7.44E-09	5.91E-05	6.48E-04	0.00E+00	0.00E+00	3.51E-13	6.82E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.03E-04	2.79E-01	0.00E+00	3.05E-11	1.02E-09	1.64E-04	5.00E-07	3.79E-04	0.00E+00	2.79E-01	7.80E-10	2.79E-01	2.80E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05
41236089	1.13E-04	1.79E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.17E-02	6.71E-09	5.31E-05	5.82E-04	0.00E+00	0.00E+00	3.14E-13	6.08E-12	4.35E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.28E-04	2.49E-01	0.00E+00	2.74E-11	9.21E-10	1.47E-04	4.47E-07	3.33E-04	0.00E+00	2.49E-01	7.04E-10	2.49E-01	2.50E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
41238982	1.28E-04	2.03E-02	4.57E-10	2.04E-02	2.05E-11	0.00E+00	1.34E-02	7.46E-09	5.85E-05	6.47E-04	0.00E+00	0.00E+00	3.57E-13	6.80E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.03E-04	2.79E-01	0.00E+00	3.05E-11	1.02E-09	1.63E-04	5.05E-07	3.80E-04	0.00E+00	2.79E-01	7.81E-10	2.79E-01	2.79E-01	3.80E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-05
41238989	1.14E-04	1.80E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.18E-02	6.78E-09	5.36E-05	5.88E-04	0.00E+00	0.00E+00	3.18E-13	6.14E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.34E-04	2.52E-01	0.00E+00	2.77E-11	9.31E-10	1.48E-04	4.52E-07	3.36E-04	0.00E+00	2.52E-01	7.11E-10	2.52E-01	2.52E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-05
41241404	1.29E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.29E-02	7.43E-09	5.91E-05	6.51E-04	0.00E+00	0.00E+00	3.47E-13	6.75E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.04E-04	2.79E-01	0.00E+00	3.06E-11	1.02E-09	1.65E-04	5.03E-07	3.79E-04	0.00E+00	2.79E-01	7.83E-10	2.79E-01	2.80E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05
41241606	1.17E-04	1.83E-02	4.57E-10	1.83E-02	2.05E-11	0.00E+00	1.18E-02	6.84E-09	5.56E-05	6.08E-04	0.00E+00	0.00E+00	3.20E-13	6.16E-12	4.49E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.40E-04	2.53E-01	0.00E+00	2.81E-11	9.52E-10	1.55E-04	4.58E-07	3.38E-04	0.00E+00	2.53E-01	7.12E-10	2.53E-01	2.55E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-05
41241909	1.17E-04	1.83E-02	4.57E-10	1.83E-02	2.05E-11	0.00E+00	1.18E-02	6.85E-09	5.56E-05	6.08E-04	0.00E+00	0.00E+00	3.21E-13	6.17E-12	4.50E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.40E-04	2.53E-01	0.00E+00	2.81E-11	9.52E-10	1.55E-04	4.60E-07	3.39E-04	0.00E+00	2.53E-01	7.13E-10	2.53E-01	2.54E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-05
41248982	1.17E-04	1.82E-02	4.57E-10	1.82E-02	2.05E-11	0.00E+00	1.18E-02	6.85E-09	5.49E-05	5.91E-04	0.00E+00	0.00E+00	3.20E-13	6.17E-12	4.50E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.40E-04	2.53E-01	0.00E+00	2.81E-11	9.52E-10	1.50E-04	4.59E-07	3.38E-04	0.00E+00	2.53E-01	7.13E-10	2.53E-01	2.54E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
41248989	1.17E-04	1.82E-02	4.57E-10	1.82E-02	2.05E-11	0.00E+00	1.18E-02	6.85E-09	5.49E-05	5.91E-04	0.00E+00	0.00E+00	3.20E-13	6.17E-12	4.50E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.40E-04	2.53E-01	0.00E+00	2.81E-11	9.52E-10	1.50E-04	4.59E-07	3.38E-04	0.00E+00	2.53E-01	7.13E-10	2.53E-01	2.54E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
41357003	1.28E-04	2.01E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.30E-02	7.43E-09	5.90E-05	6.52E-04	0.00E+00	0.00E+00	3.50E-13	6.75E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.98E-04	2.76E-01	0.00E+00	3.06E-11	1.02E-09	1.65E-04	4.93E-07	3.67E-04	0.00E+00	2.76E-01	7.80E-10	2.76E-01	2.76E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
41357004	1.32E-04	2.05E-02	4.57E-10	2.05E-02	2.05E-11	0.00E+00	1.35E-02	7.70E-09	6.09E-05	6.67E-04	0.00E+00	0.00E+00	3.61E-13	6.97E-12	5.06E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.28E-04	2.89E-01	0.00E+00	3.18E-11	1.05E-09	1.68E-04	5.15E-07	3.81E-04	0.00E+00	2.89E-01	8.05E-10	2.89E-01	2.90E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.83E-05
41357006	1.19E-04	1.85E-02	4.57E-10	1.85E-02	2.05E-11	0.00E+00	1.22E-02	6.92E-09	5.60E-05	6.01E-04	0.00E+00	0.00E+00	3.27E-13	6.33E-12	4.55E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.62E-04	2.58E-01	0.00E+00	2.89E-11	9.73E-10	1.53E-04	4.69E-07	3.51E-04	0.00E+00	2.58E-01	7.29E-10	2.58E-01	2.60E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	7.02E-05
41357009	1.17E-04	1.81E-02	4.57E-10	1.81E-02	2.05E-11	0.00E+00	1.18E-02	6.82E-09	5.49E-05	5.90E-04	0.00E+00	0.00E+00	3.19E-13	6.16E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.48E-04	2.53E-01	0.00E+00	2.81E-11	9.52E-10	1.50E-04	4.65E-07	3.44E-04	0.00E+00	2.53E-01	7.12E-10	2.53E-01	2.54E-01	3.44E-04	0.00E+00	0.00E+00	0.00E+00	6.88E-05
41392045	1.33E-04	2.24E-02	4.57E-10	2.24E-02	2.05E-11	0.00E+00	1.63E-02	9.02E-09	6.06E-05	6.81E-04	0.00E+00	0.00E+00	4.36E-13	8.05E-12	6.11E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	8.89E-04	3.50E-01	0.00E+00	3.86E-11	1.11E-09	1.73E-04	5.93E-07	4.52E-04	0.00E+00	3.50E-01	9.09E-10	3.50E-01	3.55E-01	4.52E-04	0.00E+00	0.00E+00	0.00E+00	9.34E-05
41392089	7.25E-05	1.17E-02	4.57E-10	1.17E-02	2.05E-11	0.00E+00	7.60E-03	4.44E-09	3.33E-05	3.70E-04	0.00E+00	0.00E+00	2.05E-13	3.91E-12	2.78E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-06	4.15E-04	1.69E-01	0.00E+00	1.76E-11	5.89E-10	9.50E-05	2.95E-07	2.24E-04	0.00E+00	1.69E-01	4.65E-10	1.69E-01	1.69E-01	2.24E-04	0.00E+00	0.00E+00	0.00E+00	4.42E-05
41401606	2.11E-04	3.04E-02	4.57E-10	3.03E-02	2.05E-11	0.00E+00	1.91E-02	1.14E-08	8.35E-05	8.76E-04	0.00E+00	0.00E+00	5.27E-13	1.13E-11	7.27E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	1.22E-03	4.16E-01	0.00E+00	4.44E-11	1.48E-09	2.50E-04	7.49E-07	5.54E-04	0.00E+00	4.16E-01	1.20E-09	4.16E-01	4.13E-01	5.54E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04
41401909	1.44E-04	1.46E-02	4.57E-10	1.46E-02	2.05E-11	0.00E+00	9.56E-03	5.48E-09	5.06E-05	5.70E-04	0.00E+00	0.00E+00	2.59E-13	4.99E-12	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.14E-04	2.02E-01	0.00E+00	2.24E-11	9.09E-10	1.68E-04	3.64E-07	2.75E-04	0.00E+00	2.02E-01	5.74E-10	2.02E-01	2.03E-01	2.75E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-05
41406086	1.44E-04	1.46E-02	4.57E-10	1.46E-02	2.05E-11	0.00E+00	9.58E-03	5.48E-09	4.85E-05	5.49E-04	0.00E+00	0.00E+00	2.60E-13	5.01E-12	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.15E-04	2.03E-01	0.00E+00	2.24E-11	9.10E-10	1.62E-04	3.65E-07	2.75E-04	0.00E+00	2.03E-01	5.75E-10	2.03E-01	2.03E-01	2.75E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-05
41406089	1.44E-04	1.46E-02	4.57E-10	1.46E-02	2.05E-11	0.00E+00	9.57E-03	5.48E-09	4.85E-05	5.48E-04	0.00E+00	0.00E+00	2.59E-13	5.00E-12	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.14E-04	2.02E-01	0.00E+00	2.24E-11	9.09E-10	1.62E-04	3.64E-07	2.75E-04	0.00E+00	2.02E-01	5.74E-10	2.02E-01	2.03E-01	2.75E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-05
41407006	1.45E-04	1.46E-02	4.57E-10	1.46E-02	2.05E-11	0.00E+00	9.59E-03	5.50E-09	4.86E-05	5.50E-04	0.00E+00	0.00E+00	2.60E-13	5.02E-12	3.58E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.16E-04	2.04E-01	0.00E+00	2.25E-11	9.11E-10	1.62E-04	3.65E-07	2.76E-04	0.00E+00	2.04E-01	5.76E-10	2.04E-01	2.04E-01	2.76E-04	0.00E+00	0.00E+00	0.00E+00	5.55E-05
41407009	2.23E-04	2.93E-02	4.57E-10	2.91E-02	2.05E-11	0.00E+00	1.93E-02	1.10E-08	8.29E-05	9.10E-04	0.00E+00	0.00E+00	5.14E-13	1.02E-11	7.03E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	1.08E-03	4.07E-01	0.00E+00	4.55E-11	1.51E-09	2.60E-04	7.49E-07	5.43E-04	0.00E+00	4.07E-01	1.14E-09	4.07E-01	4.12E-01	5.43E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
41408982	1.44E-04	1.46E-02	4.57E-10	1.46E-02	2.05E-11	0.00E+00	9.56E-03	5.48E-09	4.85E-05	5.48E-04	0.00E+00	0.00E+00	2.59E-13	5.00E-12	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.14E-04	2.02E-01	0.00E+00	2.24E-11	9.09E-10	1.62E-04	3.64E-07	2.75E-04	0.00E+00	2.02E-01	5.74E-10	2.02E-01	2.03E-01	2.75E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-05
41408989	1.44E-04	1.46E-02	4.57E-10	1.46E-02	2.05E-11	0.00E+00	9.56E-03	5.48E-09	4.85E-05	5.49E-04	0.00E+00	0.00E+00	2.59E-13	4.99E-12	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.14E-04	2.02E-01	0.00E+00	2.24E-11	9.09E-10	1.62E-04	3.64E-07	2.75E-04	0.00E+00	2.02E-01	5.75E-10	2.02E-01	2.03E-01	2.75E-04	0.00E+00	0.00E+00	0.00E+00	5.54E-05
41428989	4.80E-04	2.77E-02	4.57E-10	2.76E-02	2.05E-11	0.00E+00	1.61E-02	9.66E-09	9.39E-05	9.56E-04	0.00E+00	0.00E+00	4.48E-13	1.01E-11	6.30E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	1.02E-03	3.76E-01	0.00E+00	3.71E-11	1.76E-09	2.57E-04	6.27E-07	4.73E-04	0.00E+00	3.76E-01	1.05E-09	3.76E-01	3.69E-01	4.73E-04	0.00E+00	0.00E+00	0.00E+00	9.60E-05
41429909	4.64E-04	2.29E-02	4.57E-10	2.30E-02	2.05E-11	0.00E+00	1.35E-02	7.44E-09	8.28E-05	9.06E-04	0.00E+00	0.00E+00	3.72E-13	7.19E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.15E-04	2.82E-01	0.00E+00	3.14E-11	1.68E-09	2.35E-04	5.20E-07	3.75E-04	0.00E+00	2.82E-01	8.11E-10	2.82E-01	2.80E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.77E-05
41431404	1.16E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.17E-02	6.70E-09	5.31E-05	5.78E-04	0.00E+00	0.00E+00	3.15E-13	6.08E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.26E-04	2.48E-01	0.00E+00	2.73E-11	9.13E-10	1.46E-04	4.54E-07	3.36E-04	0.00E+00	2.48E-01	7.02E-10	2.48E-01	2.50E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05
41431606	1.18E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.15E-02	6.56E-09	5.19E-05	5.70E-04	0.00E+00	0.00E+00	3.07E-13	5.95E-12	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.14E-04	2.44E-01	0.00E+00	2.68E-11	9.01E-10	1.44E-04	4.37E-07	3.26E-04	0.00E+00	2.44E-01	6.89E-10	2.44E-01	2.44E-01	3.26E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
41431909	1.16E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.80E-09	5.36E-05	5.74E-04	0.00E+00	0.00E+00	3.14E-13	6.08E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.24E-04	2.47E-01	0.00E+00	2.76E-11	9.24E-10	1.46E-04	4.46E-07	3.38E-04	0.00E+00	2.47E-01	7.01E-10	2.47E-01	2.48E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
41431912	1.17E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.21E-02	6.91E-09	5.41E-05	5.88E-04	0.00E+00	0.00E+00	3.24E-13	6.28E-12	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.36E-04	2.54E-01	0.00E+00	2.83E-11	9.38E-10	1.50E-04	4.55E-07	3.47E-04	0.00E+00	2.54E-01	7.24E-10	2.54E-01	2.55E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	6.83E-05
41431913	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.15E-02	6.60E-09	5.20E-05	5.53E-04	0.00E+00	0.00E+00	3.10E-13	5.96E-12	4.31E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.30E-04	2.47E-01	0.00E+00	2.69E-11	8.98E-10	1.41E-04	4.50E-07	3.32E-04	0.00E+00	2.47E-01	6.89E-10	2.47E-01	2.48E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
41431914	1.16E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.16E-02	6.65E-09	5.16E-05	5.49E-04	0.00E+00	0.00E+00	3.12E-13	6.02E-12	4.27E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.28E-04	2.50E-01	0.00E+00	2.68E-11	8.93E-10	1.42E-04	4.45E-07	3.37E-04	0.00E+00	2.50E-01	6.96E-10	2.50E-01	2.52E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05
41432045	1.03E-04	1.63E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.07E-02	6.10E-09	4.83E-05	5.30E-04	0.00E+00	0.00E+00	2.86E-13	5.53E-12	3.96E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-06	5.71E-04	2.27E-01	0.00E+00	2.49E-11	8.38E-10	1.34E-04	4.07E-07	3.03E-04	0.00E+00	2.27E-01	6.41E-10	2.27E-01	2.27E-01	3.03E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-05
41432089	1.03E-04	1.63E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.07E-02	6.10E-09	4.83E-05	5.30E-04	0.00E+00	0.00E+00	2.86E-13	5.53E-12	3.96E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-06	5.71E-04	2.27E-01	0.00E+00	2.49E-11	8.38E-10	1.34E-04	4.07E-07	3.03E-04	0.00E+00	2.27E-01	6.41E-10	2.27E-01	2.27E-01	3.03E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-05
41436012	1.19E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	6.93E-09	5.60E-05	5.98E-04	0.00E+00	0.00E+00	3.26E-13	6.35E-12	4.55E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.58E-04	2.59E-01	0.00E+00	2.88E-11	9.74E-10	1.53E-04	4.66E-07	3.48E-04	0.00E+00	2.59E-01	7.32E-10	2.59E-01	2.61E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-05
41436013	1.19E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	6.93E-09	5.60E-05	6.00E-04	0.00E+00	0.00E+00	3.26E-13	6.37E-12	4.55E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.60E-04	2.60E-01	0.00E+00	2.89E-11	9.75E-10	1.53E-04	4.67E-07	3.51E-04	0.00E+00	2.60E-01	7.33E-10	2.60E-01	2.61E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05
41436014	1.25E-04	1.96E-02	4.57E-10	1.96E-02	2.05E-11	0.00E+00	1.30E-02	7.29E-09	5.76E-05	6.40E-04	0.00E+00	0.00E+00	3.48E-13	6.74E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.92E-04	2.75E-01	0.00E+00	3.00E-11	1.00E-09	1.61E-04	4.86E-07	3.75E-04	0.00E+00	2.75E-01	7.78E-10	2.75E-01	2.75E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
41436084	1.19E-04	1.85E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	6.92E-09	5.60E-05	5.97E-04	0.00E+00	0.00E+00	3.28E-13	6.34E-12	4.55E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.56E-04	2.59E-01	0.00E+00	2.87E-11	9.73E-10	1.53E-04	4.62E-07	3.47E-04	0.00E+00	2.59E-01	7.34E-10	2.59E-01	2.60E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	7.01E-05
41436086	1.12E-04	1.77E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.16E-02	6.64E-09	5.25E-05	5.76E-04	0.00E+00	0.00E+00	3.11E-13	6.02E-12	4.31E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.21E-04	2.47E-01	0.00E+00	2.71E-11	9.12E-10	1.45E-04	4.43E-07	3.30E-04	0.00E+00	2.47E-01	6.97E-10	2.47E-01	2.47E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05
41436089	1.12E-04	1.77E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.16E-02	6.64E-09	5.25E-05	5.76E-04	0.00E+00	0.00E+00	3.11E-13	6.02E-12	4.31E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.21E-04	2.47E-01	0.00E+00	2.71E-11	9.12E-10	1.45E-04	4.43E-07	3.30E-04	0.00E+00	2.47E-01	6.97E-10	2.47E-01	2.47E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05
41438912	1.18E-04	1.83E-02	4.57E-10	1.83E-02	2.05E-11	0.00E+00	1.20E-02	6.91E-09	5.53E-05	5.96E-04	0.00E+00	0.00E+00	3.22E-13	6.23E-12	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-06	6.47E-04	2.56E-01	0.00E+00	2.83E-11	9.60E-10	1.50E-04	4.61E-07	3.43E-04	0.00E+00	2.56E-01	7.17E-10	2.56E-01	2.58E-01	3.43E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-05
41438913	1.25E-04	1.96E-02	4.57E-10	1.96E-02	2.05E-11	0.00E+00	1.31E-02	7.41E-09	5.77E-05	6.39E-04	0.00E+00	0.00E+00	3.52E-13	6.74E-12	4.72E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.93E-04	2.75E-01	0.00E+00	3.00E-11	1.01E-09	1.61E-04	4.87E-07	3.74E-04	0.00E+00	2.75E-01	7.80E-10	2.75E-01	2.76E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.42E-05
41438914	1.25E-04	1.94E-02	4.57E-10	1.94E-02	2.05E-11	0.00E+00	1.31E-02	7.34E-09	5.79E-05	6.35E-04	0.00E+00	0.00E+00	3.51E-13	6.67E-12	4.76E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.83E-04	2.73E-01	0.00E+00	3.00E-11	1.01E-09	1.59E-04	4.84E-07	3.63E-04	0.00E+00	2.73E-01	7.76E-10	2.73E-01	2.73E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-05

41438982	1.26E-04	2.02E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.33E-02	7.43E-09	5.78E-05	6.36E-04	0.00E+00	0.00E+00	3.53E-13	6.67E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.86E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.60E-04	4.88E-07	3.66E-04	0.00E+00	2.74E-01	7.77E-10	2.74E-01	2.75E-01	3.66E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
41438989	1.21E-04	1.94E-02	4.57E-10	1.94E-02	2.05E-11	0.00E+00	1.28E-02	7.25E-09	5.67E-05	6.26E-04	0.00E+00	0.00E+00	3.41E-13	6.71E-12	4.61E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.79E-04	2.70E-01	0.00E+00	2.93E-11	9.85E-10	1.59E-04	4.86E-07	3.67E-04	0.00E+00	2.70E-01	7.60E-10	2.70E-01	2.70E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-05
414520	9.97E-05	1.57E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.03E-02	5.91E-09	4.67E-05	5.13E-04	0.00E+00	0.00E+00	2.77E-13	5.35E-12	3.83E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-06	5.53E-04	2.20E-01	0.00E+00	2.41E-11	8.11E-10	1.29E-04	3.94E-07	2.93E-04	0.00E+00	2.20E-01	6.20E-10	2.20E-01	2.20E-01	2.93E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-05
41452045	8.22E-05	1.63E-02	8.01E-09	1.63E-02	3.60E-09	0.00E+00	7.67E-02	1.59E-08	4.71E-05	5.25E-04	0.00E+00	8.79E-06	6.69E-13	1.24E-11	7.94E-05	1.47E-05	0.00E+00	0.00E+00	3.57E-06	9.74E-04	2.76E-01	0.00E+00	5.28E-11	6.33E-10	1.31E-04	6.20E-07	4.71E-04	0.00E+00	2.76E-01	1.41E-09	2.76E-01	2.78E-01	4.71E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
41452089	8.13E-05	1.62E-02	9.51E-09	1.63E-02	4.24E-09	0.00E+00	1.11E-01	1.76E-08	4.68E-05	5.22E-04	0.00E+00	1.06E-05	7.85E-13	1.53E-11	1.30E-04	1.56E-05	0.00E+00	0.00E+00	3.75E-06	6.63E-04	2.25E-01	0.00E+00	6.33E-11	6.75E-10	1.32E-04	4.71E-07	3.62E-04	0.00E+00	2.25E-01	1.47E-09	2.25E-01	2.24E-01	3.62E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
414521	1.01E-04	1.60E-02	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.05E-02	6.01E-09	4.75E-05	5.22E-04	0.00E+00	0.00E+00	2.81E-13	5.44E-12	3.90E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-06	5.62E-04	2.23E-01	0.00E+00	2.45E-11	8.25E-10	1.32E-04	4.00E-07	2.98E-04	0.00E+00	2.23E-01	6.30E-10	2.23E-01	2.24E-01	2.98E-04	0.00E+00	0.00E+00	0.00E+00	6.08E-05
41491404	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.17E-02	6.78E-09	5.35E-05	5.78E-04	0.00E+00	0.00E+00	3.16E-13	6.07E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.38E-04	2.50E-01	0.00E+00	2.79E-11	9.25E-10	1.46E-04	4.56E-07	3.39E-04	0.00E+00	2.50E-01	7.14E-10	2.50E-01	2.50E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05
41491606	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.17E-02	6.76E-09	5.34E-05	5.80E-04	0.00E+00	0.00E+00	3.15E-13	6.06E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.22E-04	2.48E-01	0.00E+00	2.74E-11	9.23E-10	1.46E-04	4.41E-07	3.34E-04	0.00E+00	2.48E-01	7.09E-10	2.48E-01	2.49E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-05
41491909	1.20E-04	1.88E-02	4.57E-10	1.88E-02	2.05E-11	0.00E+00	1.23E-02	7.04E-09	5.58E-05	6.05E-04	0.00E+00	0.00E+00	3.29E-13	6.37E-12	4.54E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.71E-04	2.62E-01	0.00E+00	2.87E-11	9.69E-10	1.55E-04	4.76E-07	3.54E-04	0.00E+00	2.62E-01	7.39E-10	2.62E-01	2.64E-01	3.54E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05
41496084	1.19E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	6.93E-09	5.60E-05	5.98E-04	0.00E+00	0.00E+00	3.25E-13	6.36E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.58E-04	2.59E-01	0.00E+00	2.88E-11	9.73E-10	1.53E-04	4.64E-07	3.48E-04	0.00E+00	2.59E-01	7.32E-10	2.59E-01	2.60E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-05
41496086	1.30E-04	2.03E-02	4.57E-10	2.03E-02	2.05E-11	0.00E+00	1.32E-02	7.47E-09	5.97E-05	6.57E-04	0.00E+00	0.00E+00	3.55E-13	6.94E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.13E-04	2.83E-01	0.00E+00	3.10E-11	1.03E-09	1.68E-04	5.06E-07	3.81E-04	0.00E+00	2.83E-01	7.86E-10	2.83E-01	2.82E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
41496089	1.28E-04	2.00E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.30E-02	7.41E-09	5.91E-05	6.51E-04	0.00E+00	0.00E+00	3.50E-13	6.75E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.96E-04	2.75E-01	0.00E+00	3.06E-11	1.02E-09	1.65E-04	4.96E-07	3.70E-04	0.00E+00	2.75E-01	7.79E-10	2.75E-01	2.76E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.52E-05
41498982	1.19E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	6.98E-09	5.59E-05	6.00E-04	0.00E+00	0.00E+00	3.27E-13	6.38E-12	4.57E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.59E-04	2.59E-01	0.00E+00	2.88E-11	9.75E-10	1.53E-04	4.68E-07	3.49E-04	0.00E+00	2.59E-01	7.33E-10	2.59E-01	2.61E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05
41498989	1.24E-04	1.91E-02	4.57E-10	1.92E-02	2.05E-11	0.00E+00	1.29E-02	7.30E-09	5.78E-05	6.31E-04	0.00E+00	0.00E+00	3.49E-13	6.64E-12	4.76E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.80E-04	2.69E-01	0.00E+00	2.99E-11	1.01E-09	1.58E-04	4.80E-07	3.60E-04	0.00E+00	2.69E-01	7.69E-10	2.69E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.29E-05
41516013	1.33E-04	2.08E-02	4.57E-10	2.09E-02	2.05E-11	0.00E+00	1.37E-02	7.84E-09	6.25E-05	6.81E-04	0.00E+00	0.00E+00	3.69E-13	6.96E-12	5.11E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.47E-04	2.93E-01	0.00E+00	3.23E-11	1.08E-09	1.69E-04	5.33E-07	3.96E-04	0.00E+00	2.93E-01	8.24E-10	2.93E-01	2.93E-01	3.96E-04	0.00E+00	0.00E+00	0.00E+00	7.96E-05
41516014	1.32E-04	2.03E-02	4.57E-10	2.04E-02	2.05E-11	0.00E+00	1.33E-02	7.52E-09	6.01E-05	6.65E-04	0.00E+00	0.00E+00	3.57E-13	7.00E-12	4.97E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.14E-04	2.84E-01	0.00E+00	3.11E-11	1.04E-09	1.68E-04	5.13E-07	3.74E-04	0.00E+00	2.84E-01	7.97E-10	2.84E-01	2.86E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-05
41516015	1.37E-04	2.10E-02	4.57E-10	2.11E-02	2.05E-11	0.00E+00	1.39E-02	7.96E-09	6.36E-05	6.89E-04	0.00E+00	0.00E+00	3.74E-13	7.18E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.43E-04	2.95E-01	0.00E+00	3.26E-11	1.10E-09	1.73E-04	5.34E-07	3.97E-04	0.00E+00	2.95E-01	8.35E-10	2.95E-01	2.96E-01	3.97E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-05
41516024	1.39E-04	2.12E-02	4.57E-10	2.12E-02	2.05E-11	0.00E+00	1.39E-02	7.95E-09	6.37E-05	6.88E-04	0.00E+00	0.00E+00	3.74E-13	7.21E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.51E-04	2.96E-01	0.00E+00	3.26E-11	1.10E-09	1.73E-04	5.39E-07	4.04E-04	0.00E+00	2.96E-01	8.34E-10	2.96E-01	2.96E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-05
41517113	1.40E-04	2.16E-02	4.57E-10	2.17E-02	2.05E-11	0.00E+00	1.42E-02	7.94E-09	6.42E-05	6.91E-04	0.00E+00	0.00E+00	3.81E-13	7.55E-12	5.32E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.66E-04	3.07E-01	0.00E+00	3.34E-11	1.11E-09	1.73E-04	5.50E-07	4.15E-04	0.00E+00	3.07E-01	8.45E-10	3.07E-01	3.08E-01	4.15E-04	0.00E+00	0.00E+00	0.00E+00	8.27E-05
41517115	1.40E-04	2.17E-02	4.57E-10	2.17E-02	2.05E-11	0.00E+00	1.42E-02	7.97E-09	6.40E-05	6.90E-04	0.00E+00	0.00E+00	3.83E-13	7.66E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	7.71E-04	3.06E-01	0.00E+00	3.34E-11	1.11E-09	1.81E-04	5.51E-07	4.20E-04	0.00E+00	3.06E-01	8.47E-10	3.06E-01	3.07E-01	4.20E-04	0.00E+00	0.00E+00	0.00E+00	8.33E-05
41517124	1.38E-04	2.18E-02	4.57E-10	2.18E-02	2.05E-11	0.00E+00	1.42E-02	7.99E-09	6.15E-05	6.70E-04	0.00E+00	0.00E+00	3.84E-13	7.71E-12	5.32E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	7.88E-04	3.07E-01	0.00E+00	3.35E-11	1.08E-09	1.78E-04	5.52E-07	4.25E-04	0.00E+00	3.07E-01	8.48E-10	3.07E-01	3.08E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
41631909	1.50E-04	2.42E-02	4.57E-10	2.45E-02	2.05E-11	0.00E+00	1.67E-02	9.38E-09	7.15E-05	7.84E-04	0.00E+00	0.00E+00	4.39E-13	8.48E-12	6.00E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	8.49E-04	3.48E-01	0.00E+00	3.85E-11	1.25E-09	2.00E-04	6.20E-07	4.53E-04	0.00E+00	3.48E-01	9.73E-10	3.48E-01	3.47E-01	4.53E-04	0.00E+00	0.00E+00	0.00E+00	9.43E-05
41636086	1.50E-04	2.44E-02	4.57E-10	2.47E-02	2.05E-11	0.00E+00	1.66E-02	9.49E-09	7.17E-05	7.89E-04	0.00E+00	0.00E+00	4.41E-13	8.56E-12	6.01E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.50E-04	3.48E-01	0.00E+00	3.87E-11	1.25E-09	2.00E-04	6.22E-07	4.54E-04	0.00E+00	3.48E-01	9.78E-10	3.48E-01	3.47E-01	4.54E-04	0.00E+00	0.00E+00	0.00E+00	9.42E-05
41636089	1.41E-04	2.54E-02	4.57E-10	2.57E-02	2.05E-11	0.00E+00	1.75E-02	9.73E-09	6.38E-05	6.84E-04	0.00E+00	0.00E+00	4.50E-13	9.12E-12	6.12E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	9.66E-04	3.57E-01	0.00E+00	3.95E-11	1.09E-09	1.89E-04	6.39E-07	4.71E-04	0.00E+00	3.57E-01	9.95E-10	3.57E-01	3.52E-01	4.71E-04	0.00E+00	0.00E+00	0.00E+00	9.63E-05
41637006	1.77E-04	2.82E-02	4.57E-10	2.84E-02	2.05E-11	0.00E+00	1.82E-02	1.04E-08	8.29E-05	8.74E-04	0.00E+00	0.00E+00	4.81E-13	9.39E-12	6.67E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-06	9.59E-04	3.88E-01	0.00E+00	4.16E-11	1.40E-09	2.23E-04	7.02E-07	5.18E-04	0.00E+00	3.88E-01	1.07E-09	3.88E-01	3.83E-01	5.18E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04
41637009	1.50E-04	2.44E-02	4.57E-10	2.47E-02	2.05E-11	0.00E+00	1.66E-02	9.49E-09	7.17E-05	7.89E-04	0.00E+00	0.00E+00	4.41E-13	8.56E-12	6.01E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.50E-04	3.48E-01	0.00E+00	3.87E-11	1.25E-09	2.00E-04	6.22E-07	4.53E-04	0.00E+00	3.48E-01	9.78E-10	3.48E-01	3.46E-01	4.53E-04	0.00E+00	0.00E+00	0.00E+00	9.42E-05
41638982	1.47E-04	2.59E-02	4.57E-10	2.61E-02	2.05E-11	0.00E+00	1.69E-02	1.00E-08	7.00E-05	7.63E-04	0.00E+00	0.00E+00	4.70E-13	1.05E-11	6.42E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	1.01E-03	3.64E-01	0.00E+00	3.88E-11	1.21E-09	1.95E-04	6.26E-07	4.67E-04	0.00E+00	3.64E-01	1.05E-09	3.64E-01	3.58E-01	4.67E-04	0.00E+00	0.00E+00	0.00E+00	9.51E-05
41638989	1.47E-04	2.52E-02	4.57E-10	2.54E-02	2.05E-11	0.00E+00	1.63E-02	9.84E-09	6.79E-05	7.46E-04	0.00E+00	0.00E+00	4.57E-13	1.01E-11	6.32E-05	0.00E+00	0.00E+00	0.00E+00	2.39E-06	9.82E-04	3.56E-01	0.00E+00	3.68E-11	1.17E-09	1.93E-04	5.99E-07	4.53E-04	0.00E+00	3.56E-01	1.00E-09	3.56E-01	3.47E-01	4.53E-04	0.00E+00	0.00E+00	0.00E+00	9.41E-05
41661909	9.55E-05	1.51E-02	4.57E-10	1.51E-02	2.05E-11	0.00E+00	9.95E-03	6.12E-09	4.48E-05	4.70E-04	0.00E+00	0.00E+00	2.67E-13	5.19E-12	3.69E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-06	5.39E-04	2.11E-01	0.00E+00	2.32E-11	7.79E-10	1.17E-04	3.81E-07	2.83E-04	0.00E+00	2.11E-01	6.06E-10	2.11E-01	2.12E-01	2.83E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-05
41666084	1.01E-04	1.56E-02	4.57E-10	1.56E-02	2.05E-11	0.00E+00	1.04E-02	6.02E-09	4.83E-05	5.03E-04	0.00E+00	0.00E+00	2.74E-13	5.31E-12	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.55E-04	2.18E-01	0.00E+00	2.38E-11	8.16E-10	1.29E-04	3.89E-07	2.94E-04	0.00E+00	2.18E-01	6.15E-10	2.18E-01	2.18E-01	2.94E-04	0.00E+00	0.00E+00	0.00E+00	6.00E-05
41666086	1.03E-04	1.60E-02	4.57E-10	1.60E-02	2.05E-11	0.00E+00	1.04E-02	5.97E-09	4.78E-05	5.13E-04	0.00E+00	0.00E+00	2.77E-13	5.37E-12	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-06	5.67E-04	2.22E-01	0.00E+00	2.46E-11	8.23E-10	1.32E-04	3.94E-07	3.00E-04	0.00E+00	2.22E-01	6.28E-10	2.22E-01	2.23E-01	3.00E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-05
41666089	1.01E-04	1.58E-02	4.57E-10	1.57E-02	2.05E-11	0.00E+00	1.04E-02	5.94E-09	4.76E-05	5.09E-04	0.00E+00	0.00E+00	2.77E-13	5.36E-12	3.96E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-06	5.61E-04	2.18E-01	0.00E+00	2.43E-11	8.17E-10	1.30E-04	3.91E-07	2.98E-04	0.00E+00	2.18E-01	6.23E-10	2.18E-01	2.18E-01	2.98E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-05
41668982	9.55E-05	1.51E-02	4.57E-10	1.51E-02	2.05E-11	0.00E+00	9.93E-03	6.12E-09	4.44E-05	4.68E-04	0.00E+00	0.00E+00	2.66E-13	5.16E-12	3.68E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-06	5.38E-04	2.11E-01	0.00E+00	2.32E-11	7.74E-10	1.18E-04	3.80E-07	2.83E-04	0.00E+00	2.11E-01	6.05E-10	2.11E-01	2.11E-01	2.83E-04	0.00E+00	0.00E+00	0.00E+00	5.79E-05
41668989	9.40E-05	1.45E-02	4.57E-10	1.45E-02	2.05E-11	0.00E+00	9.59E-03	6.12E-09	4.25E-05	4.70E-04	0.00E+00	0.00E+00	2.60E-13	5.00E-12	3.58E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.10E-04	2.02E-01	0.00E+00	2.24E-11	7.41E-10	1.16E-04	3.62E-07	2.71E-04	0.00E+00	2.02E-01	5.72E-10	2.02E-01	2.03E-01	2.71E-04	0.00E+00	0.00E+00	0.00E+00	5.50E-05
41681909	9.55E-05	1.51E-02	4.57E-10	1.51E-02	2.05E-11	0.00E+00	9.95E-03	6.12E-09	4.48E-05	4.70E-04	0.00E+00	0.00E+00	2.67E-13	5.19E-12	3.69E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-06	5.39E-04	2.11E-01	0.00E+00	2.32E-11	7.79E-10	1.17E-04	3.81E-07	2.83E-04	0.00E+00	2.11E-01	6.06E-10	2.11E-01	2.12E-01	2.83E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-05
41686086	9.80E-05	1.51E-02	4.57E-10	1.51E-02	2.05E-11	0.00E+00	9.95E-03	6.12E-09	4.64E-05	4.86E-04	0.00E+00	0.00E+00	2.67E-13	5.19E-12	3.69E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-06	5.34E-04	2.11E-01	0.00E+00	2.32E-11	7.99E-10	1.26E-04	3.80E-07	2.83E-04	0.00E+00	2.11E-01	6.05E-10	2.11E-01	2.12E-01	2.83E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-05
41686089	9.66E-05	1.46E-02	4.57E-10	1.46E-02	2.05E-11	0.00E+00	9.60E-03	5.50E-09	4.33E-05	4.74E-04	0.00E+00	0.00E+00	2.59E-13	5.00E-12	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.14E-04	2.04E-01	0.00E+00	2.24E-11	7.52E-10	1.20E-04	3.65E-07	2.72E-04	0.00E+00	2.04E-01	5.75E-10	2.04E-01	2.04E-01	2.72E-04	0.00E+00	0.00E+00	0.00E+00	5.55E-05
41688989	9.40E-05	1.45E-02	4.57E-10	1.45E-02	2.05E-11	0.00E+00	9.59E-03	6.12E-09	4.25E-05	4.70E-04	0.00E+00	0.00E+00	2.59E-13	5.00E-12	3.58E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.10E-04	2.02E-01	0.00E+00	2.24E-11	7.41E-10	1.16E-04	3.62E-07	2.71E-04	0.00E+00	2.02E-01	5.72E-10	2.02E-01	2.03E-01	2.71E-04	0.00E+00	0.00E+00	0.00E+00	5.50E-05
417508	3.80E-05	5.81E-03	4.57E-10	5.81E-03	2.05E-11	0.00E+00	3.77E-03	2.15E-09	1.79E-05	1.95E-04	0.00E+00	0.00E+00	1.00E-13	1.98E-12	1.40E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.14E-04	8.07E-02	0.00E+00	8.90E-12	3.07E-10	4.86E-05	1.45E-07	1.07E-04	0.00E+00	8.07E-02	2.26E-10	8.07E-02	8.06E-02	1.07E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05
417509	3.90E-05	5.86E-03	4.57E-10	5.87E-03	2.05E-11	0.00E+00	3.81E-03	2.20E-09	1.78E-05	1.97E-04	0.00E+00	0.00E+00	1.07E-13	2.00E-12	1.67E-05	0.00E+00	0.00E+00	0.00E+00	5.81E-07	2.40E-04	8.14E-02	0.00E+00	8.94E-12	3.11E-10	4.93E-05	1.47E-07	1.12E-04	0.00E+00	8.14E-02	2.27E-10	8.14E-02	8.09E-02	1.12E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05
417708	3.77E-05	5.81E-03	4.57E-10	5.82E-03	2.05E-11	0.00E+00	3.77E-03	2.13E-09	1.79E-05	1.95E-04	0.00E+00	0.00E+00	1.00E-13	1.98E-12	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.13E-04	7.87E-02	0.00E+00	8.90E-12	3.07E-10	4.61E-05	1.45E-07	1.04E-04	0.00E+00	7.87E-02	2.24E-10	7.87E-02	7.83E-02	1.04E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05
418037	6.10E-05	1.02E-02	4.57E-10	1.02E-02	2.05E-11	0.00E+00	6.54E-03	3.87E-09	2.84E-05	3.14E-04	0.00E+00	0.00E+00	1.81E-13	3.57E-12	2.53E-05	0.00E+00	0.00E+00	0.00E+00	9.47E-07	3.64E-04	1.50E-01	0.00E+00	1.60E-11	4.88E-10	8.14E-05	2.62E-07	1.94E-04	0.00E+00	1.50E-01	4.09E-10	1.50E-01	1.49E-01	1.94E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-05
418105	3.71E-05	5.52E-03	4.57E-10	5.52E-03	2.05E-11	0.00E+00	3.62E-03	2.09E-09	1.76E-05	1.91E-04	0.00E+00	0.00E+00	1.01E-13	1.97E-12	1.36E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-07	2.08E-04	7.71E-02	0.00E+00	8.87E-12	3.03E-10	4.58E-05	1.44E-07	1.03E-04	0.00E+00	7.71E-02	2.19E-10	7.71E-02	7.61E-02	1.03E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05
418109	3.73E-05	5.65E-03	4.57E-10	5.65E-03	2.05E-11	0.00E+00	3.73E-03	2.13E-09	1.78E-05	1.93E-04	0.00E+00	0.00E+00	1.04E-13	1.98E-12	1.48E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.11E-04	7.85E-02	0.00E+00	8.90E-12	3.06E-10	4.61E-05	1.45E-07	1.04E-04	0.00E+00	7.85E-02	2.24E-10	7.85E-02	7.77E-02	1.04E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05
418802	3.86E-05	6.07E-03	4.57E-10	6.08E-03	2.05E-11	0.00E+00	3.97E-03	2.45E-09	1.81E-05	1.88E-04	0.00E+00	0.00E+00	1.07E-13	2.06E-12	1.48E-05	0.00E+00	0.00E+00	0.00E+00	5.34E-07	2.55E-04	8.60E-02	0.00E+00	9.26E-12	3.11E-10	4.92E-05	1.54E-07	1.19E-04	0.00E+00	8.60E-02	2.75E-10	8.60E-02	8.56E-02	1.19E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05
418805	3.76E-05	5.80E-03	4.57E-10	5.80E-03	2.05E-11	0.00E+00	3.77E-03	2.15E-09	1.79E-05	1.92E-04	0.00E+00	0.00E+00	9.90E-14	1.98E-12	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.14E-04	7.87E-02	0.00E+00	8.91E-12	3.08E-10	4.65E-05	1.45E-07	1.04E-04	0.00E+00	7.87E-02	2.24E-10	7.87E-02	7.83E-02	1.04E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05
418806	3.81E-05	5.80E-03	4.57E-10	5.81E-03	2.05E-11	0.00E+00	3.77E-03	2.10E-09	1.78E-05	1.95E-04	0.00E+00	0.00E+00	1.00E-13	1.98E-12	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.13E-04	8.01E-02	0.00E+00	8.90E-12	3.06E-10	4.87E-05	1.44E-07	1.07E-04	0.00E+00	8.01E-02	2.25E-10	8.01E-02	8.09E-02	1.07E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05
418808	3.80E-05	5.84E-03	4.57E-10	5.84E-03	2.05E-11	0.00E+00	3.77E-03	2.15E-09	1.79E-05	1.95E-04	0.00E+00	0.00E+00	1.01E-13	1.98E-12	1.40E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.12E-04	8.08E-02	0.00E+00	8.90E-12	3.07E-10	4.88E-05	1.45E-07	1.07E-04	0.00E+00	8.08E-02	2.27E-10	8.08E-02	8.06E-02	1.07E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05
418809	3.81E-05	5.82E-03	4.57E-10	5.82E-03	2.05E-11	0.00E+00	3.81E-03	2.16E-09	1.79E-05	1.93E-04	0.00E+00	0.00E+00	1.01E-13	1.99E-12	1.40E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-07	2.16E-04	8.11E-02	0.00E+00	8.91E-12	3.06E-10	4.90E-05	1.45E-07	1.08E-04	0.00E+00	8.11E-02	2.27E-10	8.11E-02	8.08E-02	1.08E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05
418858	3.79E-05	6.09E-03	4.57E-10	6.10E-03	2.05E-11	0.00E+00	3.96E-03	2.26E-09	1.81E-05	1.94E-04	0.00E+00	0.00E+00	1.11E-13	2.06E-12	1.57E-05	0.00E+00	0.00E+00	0.00E+00	5.34E-07	2.16E-04	8.52E-02	0.00E+00	9.25E-12	3.11E-10	4.89E-05	1.51E-07	1.13E-04	0.00E+00	8.52E-02	2.37E-10	8.52E-02	8.47E-02	1.13E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05
418902	3.84E-05	5.81E-03	4.57E-10	5.82E-03	2.05E-11	0.00E+00	3.77E-03	2.15E-09	1.78E-05	1.89E-04	0.00E+00	0.00E+00	1.01E-13	1.99E-12	1.40E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-07	2.16E-04	8.17E-02	0.00E+00	8.92E-12	3.05E-10	4.87E-05	1.45E-07	1.08E-04	0.00E+00	8.17E-02	2.27E-10	8.17E-02	8.16E-02	1.08E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05
418905	3.62E-05	5.70E-03	0.00E+00	5.70E-03	0.00E+00	0.00E+00	3.74E-03	2.14E-09	1.69E-05	1.86E-04	0.00E+00	0.00E+00	1.00E-13	1.94E-12	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.05E-07	2.00E-04	7.96E-02	0.00E+00	8.75E-12	2.94E-10	4.69E-05	1.43E-07	1.06E-04	0.00E+00	7.96E-02	2.25E-10	7.96E-02	7.98E-02	1.06E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-05
418906	3.81E-05	5.81E-03	4.57E-10	5.82E-03	2.05E-11	0.00E+00	3.77E-03	2.15E-09	1.79E-05	1.95E-04	0.00E+00	0.00E+00	1.01E-13	1.98E-12	1.40E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.13E-04	8.08E-02	0.00E+00	8.90E-12	3.07E-10	4.87E-05	1.45E-07	1.07E-04	0.00E+00	8.08E-02	2.27E-10	8.08E-02	8.09E-02	1.07E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05
418909	3.77E-05	5.81E-03	4.57E-10	5.81E-03	2.05E-11	0.00E+00	3.77E-03	2.13E-09	1.79E-05	1.95E-04	0.00E+00	0.00E+00	1.00E-13	1.98E-12	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.13E-04	7.87E-02	0.00E+00	8.90E-12	3.07E-10	4.62E-05	1.45E-07	1.04E-04	0.00E+00	7.87E-02	2.24E-10	7.87E-02	7.83E-02	1.04E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05
419005	3.91E-05	6.19E-03	4.57E-10	6.19E-03	2.05E-11	0.00E+00	4.04E-03	2.32E-09	1.82E-05	2.00E-04	0.00E+00	0.00E+00	1.18E-13	2.37E-12	1.76E-05	0.00E+00	0.00E+00	0.00E+00	6.97E-07	2.43E-04	8.65E-02	0.00E+00	9.34E-12	3.18E-10	5.05E-05	1.55E-07	1.21E-04	0.00E+00	8.65E-02	2.43E-10	8.65E-02	8.58E-02	1.21E-04	0.00E+00	0.00E+00	0.00E+00	2.35E-05
4211	2.23E-04	3.57E-02	4.57E-10	3.60E-02	2.05E-11	0.00E+00	2.48E-02	1.46E-08	1.06E-04	1.14E-03	0.00E+00	0.00E+00	6.21E-13	1.20E-11	8.82E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	1.25E-03	4.97E-01	0.00E+00	5.82E-11	1.79E-09	2.79E-04	9.05E-07	6.31E-04	0.00E+00	4.97E-01	1.40E-09	4.97E-01	4.97E-01	6.31E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
421109	2.24E-04	3.41E-02	4.57E-10	3.44E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.01E-04	1.08E-03	0.00E+00	0.00E+00	5.94E-13	1.21E-11	8.21E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	1.22E-03	4.75E-01	0.00E+00	5.64E-11	1.73E-09	2.79E-04	8.52E-07	6.32E-04	0.00E+00	4.75E-01	1.33E-09	4.75E-01	4.73E-01	6.32E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
4212	2.54E-04	3.99E-02	4.57E-10	3.98E-02	2.05E-11	0.00E+00	3.03E-02	1.63E-08	9.64E-05	1.24E-03	0.00E+00	0.00E+00	7.84E-13	1.56E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-06	1.51E-03	6.63E-01	0.00E+00	8.37E-11	1.65E-09	2.95E-04	1.13E-06	8.27E-04	0.00E+00	6.63E-01	1.98E-09	6.63E-01	6.63E-01	8.27E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
421209	2.42E-04	3.80E-02	4.57E-10	3.82E-02	2.05E-11	0.00E+00	2.86E-02	1.53E-08	1.11E-04	1.19E-03	0.00E+00	0.00E+00	6.87E-13	1.31E-11	9.79E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	1.35E-03	5.75E-01	0.00E+00	6.55E-11	1.85E-09	3.09E-04	9.68E-07	7.48E-04	0.00E+00	5.75E-01	1.62E-09	5.75E-01	5.72E-01	7.48E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
4216	1.37E-04	2.14E-02	4.08E-09	2.13E-02	1.52E-09	0.00E+00	9.04E-02	2.05E-08	6.31E-05	6.92E-04	0.00E+00	4.73E-06	5.95E-13	1.23E-11	8.46E-05	6.14E-06	0.00E+00	0.00E+00	5.02E-06	9.26E-04	3.37E-01	0.00E+00	4.81E-11	1.08E-09	1.75E-04	5.89E-07	4.36E-04	0.00E+00	3.37E-01	1.22E-09	3.37E-01	3.39E-01	4.36E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-04
421601	1.45E-04	2.14E-02	7.12E-09	2.13E-02	4.67E-09	0.00E+00	7.09E-02	2.43E-08	6.20E-05	6.87E-04	0.00E+00	1.16E-05	7.74E-13	1.45E-11	1.06E-04	2.29E-05	0.00E+00	0.00E+00	5.73E-06	9.83E-04	3.24E-01	0.00E+00	5.51E-11	1.07E-09	1.75E-04	6.49E-07	4.67E-04	0.00E+00	3.24E-01	1.56E-09	3.24E-01	3.27E-01	4.67E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-04
421609	1.33E-04	2.10E-02	0.00E+00	2.10E-02	0.00E+00	0.00E+00	1.38E-02	7.89E-09	6.24E-05	6.85E-04	0.00E+00	0.00E+00	3.70E-13	7.15E-12	5.12E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	7.38E-04	2.93E-01	0.00E+00	3.22E-11	1.08E-09	1.73E-04	5.26E-07	3.92E-04	0.00E+00	2.93E-01	8.28E-10	2.93E-01	2.94E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-05
470049	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.63E-09	6.04E-05	6.63E-04	0.00E+00	0.00E+00	3.58E-13	6.92E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.14E-04	2.84E-01	0.00E+00	3.12E-11	1.05E-09	1.67E-04	5.09E-07	3.79E-04	0.00E+00	2.84E-01	8.01E-10	2.84E-01	2.84E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-05
47063512	9.67E-05	1.49E-02	8.77E-09	1.49E-02	2.88E-09	0.00E+00	1.27E-01	1.22E-08	6.55E-05	6.78E-04	0.00E+00	1.06E-05	8.00E-13	1.49E-11	1.10E-04	7.18E-06	0.00E+00	0.00E+00	2.69E-06	5.98E-04	2.18E-01	0.00E+00	4.71E-11	7.95E-10	1.58E-04	4.25E-07	3.15E-04	0.00E+00	2.18E-01	1.38E-09	2.18E-01	2.20E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
47063515	8.36E-05	1.32E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	8.64E-03	4.95E-09	3.92E-05	4.30E-04	0.00E+00	0.00E+00	2.32E-13	4.49E-12	3.21E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-06	4.63E-04	1.84E-01	0.00E+00	2.02E-11	6.80E-10	1.08E-04	3.30E-07	2.46E-04	0.00E+00	1.84E-01	5.20E-10	1.84E-01	1.84E-01	2.46E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-05
47063522	1.01E-04	1.58E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.04E-02	5.95E-09	4.71E-05	5.17E-04	0.00E+00	0.00E+00	2.79E-13	5.40E-12	3.87E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-06	5.57E-04	2.21E-01	0.00E+00	2.43E-11	8.17E-10	1.30E-04	3.97E-07	2.95E-04	0.00E+00	2.21E-01	6.25E-10	2.21E-01	2.22E-01	2.95E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-05
47063525	8.58E-05	1.35E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	8.87E-03	5.08E-09	4.02E-05	4.41E-04	0.00E+00	0.00E+00	2.38E-13	4.61E-12	3.30E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-06	4.75E-04	1.89E-01	0.00E+00	2.08E-11	6.98E-10	1.11E-04	3.39E-07	2.52E-04	0.00E+00	1.89E-01	5.33E-10	1.89E-01	1.89E-01	2.52E-04	0.00E+00	0.00E+00	0.00E+00	5.14E-05
47063532	1.02E-04	1.58E-02	7.77E-09	1.58E-02	2.97E-09	0.00E+00	1.30E-01	1.17E-08	6.70E-05	6.94E-04	0.00E+00	9.93E-06	7.66E-13	1.43E-11	1.06E-04	6.75E-06	0.00E+00	0.00E+00	2.58E-06	6.11E-04	2.24E-01	0.00E+00	4.42E-11	8.30E-10	1.66E-04	4.25E-07	3.14E-04	0.00E+00	2.24E-01	1.34E-09	2.24E-01	2.26E-01	3.14E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
47063535	9.43E-05	1.49E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	9.75E-03	5.58E-09	4.42E-05	4.85E-04	0.00E+00	0.00E+00	2.62E-13	5.06E-12	3.63E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-06	5.23E-04	2.08E-01	0.00E+00	2.28E-11	7.67E-10	1.22E-04	3.72E-07	2.77E-04	0.00E+00	2.08E-01	5.86E-10	2.08E-01	2.08E-01	2.77E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05
47081909	2.12E-04	3.35E-02	0.00E+00	3.35E-02	0.00E+00	0.00E+00	2.19E-02	1.26E-08	9.95E-05	1.09E-03	0.00E+00	0.00E+00	5.89E-13	1.14E-11	8.16E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	1.18E-03	4.67E-01	0.00E+00	5.14E-11	1.73E-09	2.75E-04	8.38E-07	6.24E-04	0.00E+00	4.67E-01	1.32E-09	4.67E-01	4.68E-01	6.24E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
47086084	2.12E-04	3.51E-02	4.57E-10	3.51E-02	2.05E-11	0.00E+00	2.26E-02	1.36E-08	1.04E-04	1.15E-03	0.00E+00	0.00E+00	6.19E-13	1.17E-11	8.77E-05	0.00E+00	0.00E+00	0.00E+00	3.04E-06	1.24E-03	4.93E-01	0.00E+00	5.39E-11	1.80E-09	2.72E-04	8.97E-07	6.29E-04	0.00E+00	4.93E-01	1.39E-09	4.93E-01	4.96E-01	6.29E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04
47086086	5.22E-05	8.69E-03	4.57E-10	8.72E-03	2.05E-11	0.00E+00	5.50E-03	3.17E-09	2.38E-05	2.62E-04	0.00E+00	0.00E+00	1.77E-13	2.94E-12	2.31E-05	0.00E+00	0.00E+00	0.00E+00	8.54E-07	3.09E-04	1.26E-01	0.00E+00	1.44E-11	4.01E-10	6.54E-05	2.18E-07	1.71E-04	0.00E+00	1.26E-01	3.35E-10	1.26E-01	1.26E-01	1.71E-04	0.00E+00	0.00E+00	0.00E+00	3.37E-05
47086089	2.11E-04	3.35E-02	4.57E-10	3.35E-02	2.05E-11	0.00E+00	2.21E-02	1.25E-08	9.86E-05	1.08E-03	0.00E+00	0.00E+00	5.90E-13	1.15E-11	8.16E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	1.20E-03	4.68E-01	0.00E+00	5.19E-11	1.71E-09	2.70E-04	8.46E-07	6.28E-04	0.00E+00	4.68E-01	1.32E-09	4.68E-01	4.72E-01	6.28E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
47087003	1.97E-04	3.19E-02	4.57E-10	3.19E-02	2.05E-11	0.00E+00	2.10E-02	1.21E-08	9.49E-05	1.05E-03	0.00E+00	0.00E+00	5.70E-13	1.10E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	1.17E-03	4.53E-01	0.00E+00	4.91E-11	1.65E-09	2.58E-04	8.06E-07	6.00E-04	0.00E+00	4.53E-01	1.28E-09	4.53E-01	4.58E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
47087006	2.17E-04	3.57E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.47E-02	1.40E-08	1.06E-04	1.17E-03	0.00E+00	0.00E+00	6.28E-13	1.22E-11	8.93E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-06	1.26E-03	5.03E-01	0.00E+00	5.48E-11	1.83E-09	2.86E-04	9.25E-07	6.84E-04	0.00E+00	5.03E-01	1.41E-09	5.03E-01	5.06E-01	6.84E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
47087009	2.22E-04	3.59E-02	4.57E-10	3.59E-02	2.05E-11	0.00E+00	2.49E-02	1.40E-08	1.06E-04	1.18E-03	0.00E+00	0.00E+00	6.32E-13	1.22E-11	8.96E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	1.30E-03	5.08E-01	0.00E+00	5.50E-11	1.83E-09	2.90E-04	9.27E-07	6.91E-04	0.00E+00	5.08E-01	1.41E-09	5.08E-01	5.12E-01	6.91E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
47088982	2.08E-04	3.50E-02	4.57E-10	3.51E-02	2.05E-11	0.00E+00	2.25E-02	1.37E-08	1.04E-04	1.15E-03	0.00E+00	0.00E+00	6.20E-13	1.18E-11	8.76E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	1.38E-03	4.94E-01	0.00E+00	5.39E-11	1.79E-09	2.73E-04	8.98E-07	6.31E-04	0.00E+00	4.94E-01	1.40E-09	4.94E-01	4.99E-01	6.31E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04
47088989	2.14E-04	3.38E-02	0.00E+00	3.38E-02	0.00E+00	0.00E+00	2.22E-02	1.27E-08	1.00E-04	1.10E-03	0.00E+00	0.00E+00	5.94E-13	1.15E-11	8.24E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	1.19E-03	4.72E-01	0.00E+00	5.19E-11	1.74E-09	2.78E-04	8.46E-07	6.30E-04	0.00E+00	4.72E-01	1.33E-09	4.72E-01	4.73E-01	6.30E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
471020	1.93E-04	2.85E-02	0.00E+00	2.85E-02	0.00E+00	0.00E+00	1.87E-02	1.07E-08	8.47E-05	9.29E-04	0.00E+00	0.00E+00	5.01E-13	9.70E-12	6.95E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-06	1.00E-03	3.98E-01	0.00E+00	4.37E-11	1.47E-09	2.34E-04	7.13E-07	5.31E-04	0.00E+00	3.98E-01	1.12E-09	3.98E-01	3.99E-01	5.31E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
471040	3.59E-04	5.32E-02	0.00E+00	5.32E-02	0.00E+00	0.00E+00	3.49E-02	2.00E-08	1.58E-04	1.73E-03	0.00E+00	0.00E+00	9.36E-13	1.81E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-06	1.87E-03	7.43E-01	0.00E+00	8.16E-11	2.74E-09	4.37E-04	1.33E-06	9.91E-04	0.00E+00	7.43E-01	2.10E-09	7.43E-01	7.44E-01	9.91E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-04
471060	4.54E-04	7.15E-02	0.00E+00	7.15E-02	0.00E+00	0.00E+00	4.69E-02	2.69E-08	2.13E-04	2.33E-03	0.00E+00	0.00E+00	1.26E-12	2.44E-11	1.74E-04	0.00E+00	0.00E+00	0.00E+00	6.33E-06	2.51E-03	9.99E-01	0.00E+00	1.10E-10	3.69E-09	5.88E-04	1.79E-06	1.33E-03	0.00E+00	9.99E-01	2.82E-09	9.99E-01	1.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-04
4715	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.23E-09	6.51E-05	7.14E-04	0.00E+00	0.00E+00	3.86E-13	7.46E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.06E-01	0.00E+00	3.36E-11	1.13E-09	1.80E-04	5.48E-07	4.08E-04	0.00E+00	3.06E-01	8.64E-10	3.06E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.33E-05
471501	1.49E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.30E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.89E-13	7.52E-12	5.39E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.77E-04	3.09E-01	0.00E+00	3.39E-11	1.14E-09	1.82E-04	5.53E-07	4.12E-04	0.00E+00	3.09E-01	8.71E-10	3.09E-01	3.09E-01	4.12E-04	0.00E+00	0.00E+00	0.00E+00	8.40E-05
471509	1.38E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.64E-09	6.05E-05	6.64E-04	0.00E+00	0.00E+00	3.58E-13	6.93E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.15E-04	2.84E-01	0.00E+00	3.12E-11	1.05E-09	1.67E-04	5.09E-07	3.79E-04	0.00E+00	2.84E-01	8.02E-10	2.84E-01	2.85E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.74E-05
47157003	1.13E-04	1.78E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.17E-02	6.70E-09	5.30E-05	5.82E-04	0.00E+00	0.00E+00	3.14E-13	6.07E-12	4.35E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.27E-04	2.49E-01	0.00E+00	2.74E-11	9.20E-10	1.47E-04	4.47E-07	3.32E-04	0.00E+00	2.49E-01	7.03E-10	2.49E-01	2.49E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-05

47157004	1.31E-04	2.07E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.36E-02	7.77E-09	6.15E-05	6.75E-04	0.00E+00	0.00E+00	3.64E-13	7.04E-12	5.05E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.27E-04	2.89E-01	0.00E+00	3.18E-11	1.07E-09	1.70E-04	5.18E-07	3.86E-04	0.00E+00	2.89E-01	8.16E-10	2.89E-01	2.89E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	7.87E-05
47157006	1.01E-04	1.59E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	1.04E-02	5.97E-09	4.73E-05	5.18E-04	0.00E+00	0.00E+00	2.80E-13	5.41E-12	3.88E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-06	5.59E-04	2.22E-01	0.00E+00	2.44E-11	8.20E-10	1.31E-04	3.98E-07	2.96E-04	0.00E+00	2.22E-01	6.27E-10	2.22E-01	2.22E-01	2.96E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-05
47157009	1.03E-04	1.63E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.07E-02	6.10E-09	4.83E-05	5.30E-04	0.00E+00	0.00E+00	2.86E-13	5.53E-12	3.96E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-06	5.71E-04	2.27E-01	0.00E+00	2.49E-11	8.38E-10	1.34E-04	4.07E-07	3.03E-04	0.00E+00	2.27E-01	6.41E-10	2.27E-01	2.27E-01	3.03E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-05
47157013	1.06E-04	1.74E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.14E-02	6.50E-09	4.89E-05	5.14E-04	0.00E+00	0.00E+00	3.04E-13	5.91E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.21E-04	2.44E-01	0.00E+00	2.66E-11	8.69E-10	1.32E-04	4.43E-07	3.28E-04	0.00E+00	2.44E-01	6.81E-10	2.44E-01	2.45E-01	3.28E-04	0.00E+00	0.00E+00	0.00E+00	6.57E-05
47157014	1.16E-04	1.77E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.67E-09	5.29E-05	5.78E-04	0.00E+00	0.00E+00	3.14E-13	6.06E-12	4.33E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.21E-04	2.48E-01	0.00E+00	2.72E-11	9.18E-10	1.46E-04	4.44E-07	3.34E-04	0.00E+00	2.48E-01	6.97E-10	2.48E-01	2.48E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05
47157015	1.08E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.15E-02	6.54E-09	5.06E-05	5.38E-04	0.00E+00	0.00E+00	3.06E-13	5.94E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.17E-04	2.43E-01	0.00E+00	2.66E-11	8.84E-10	1.40E-04	4.37E-07	3.24E-04	0.00E+00	2.43E-01	6.82E-10	2.43E-01	2.45E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
47157113	1.11E-04	1.74E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.13E-02	6.47E-09	5.05E-05	5.40E-04	0.00E+00	0.00E+00	3.03E-13	5.89E-12	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.16E-04	2.44E-01	0.00E+00	2.66E-11	8.85E-10	1.38E-04	4.43E-07	3.26E-04	0.00E+00	2.44E-01	6.79E-10	2.44E-01	2.45E-01	3.26E-04	0.00E+00	0.00E+00	0.00E+00	6.57E-05
47157114	1.04E-04	1.67E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.10E-02	6.33E-09	4.89E-05	5.36E-04	0.00E+00	0.00E+00	2.98E-13	5.60E-12	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.86E-04	2.32E-01	0.00E+00	2.56E-11	8.52E-10	1.37E-04	4.20E-07	3.14E-04	0.00E+00	2.32E-01	6.56E-10	2.32E-01	2.33E-01	3.14E-04	0.00E+00	0.00E+00	0.00E+00	6.37E-05
47157115	1.08E-04	1.75E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.15E-02	6.54E-09	5.06E-05	5.38E-04	0.00E+00	0.00E+00	3.06E-13	5.94E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.17E-04	2.44E-01	0.00E+00	2.66E-11	8.84E-10	1.40E-04	4.37E-07	3.24E-04	0.00E+00	2.44E-01	6.82E-10	2.44E-01	2.45E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-05
4716	1.37E-04	2.12E-02	2.53E-09	2.12E-02	1.10E-09	0.00E+00	8.46E-02	9.59E-09	6.28E-05	6.82E-04	0.00E+00	2.89E-06	5.00E-13	1.01E-11	6.71E-05	3.30E-06	0.00E+00	0.00E+00	2.29E-06	8.06E-04	3.22E-01	0.00E+00	3.80E-11	1.08E-09	1.72E-04	5.46E-07	4.13E-04	0.00E+00	3.22E-01	1.10E-09	3.22E-01	3.23E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	9.67E-05
471601	1.37E-04	2.07E-02	6.17E-09	2.07E-02	3.68E-09	0.00E+00	1.13E-01	1.37E-08	6.00E-05	6.57E-04	0.00E+00	6.32E-06	6.05E-13	1.21E-11	9.31E-05	1.31E-05	0.00E+00	0.00E+00	3.32E-06	7.92E-04	3.16E-01	0.00E+00	4.49E-11	1.06E-09	1.69E-04	5.86E-07	4.17E-04	0.00E+00	3.16E-01	1.21E-09	3.16E-01	3.16E-01	4.17E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
471609	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.56E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.75E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.82E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
4718	1.55E-04	2.59E-02	7.21E-09	2.60E-02	4.89E-09	0.00E+00	7.42E-02	2.35E-08	7.39E-05	7.94E-04	0.00E+00	1.12E-05	7.87E-13	1.49E-11	1.13E-04	2.23E-05	0.00E+00	0.00E+00	5.17E-06	9.24E-04	3.62E-01	0.00E+00	5.56E-11	1.27E-09	2.17E-04	6.75E-07	4.72E-04	0.00E+00	3.62E-01	1.57E-09	3.62E-01	3.60E-01	4.72E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-04
471801	1.59E-04	2.77E-02	1.09E-08	2.78E-02	8.01E-09	0.00E+00	3.82E-01	3.17E-08	7.31E-05	7.90E-04	0.00E+00	1.11E-05	1.27E-12	2.46E-11	1.63E-04	1.69E-05	0.00E+00	0.00E+00	7.18E-06	1.35E-03	4.37E-01	0.00E+00	7.88E-11	1.28E-09	2.17E-04	9.73E-07	7.42E-04	0.00E+00	4.37E-01	2.26E-09	4.37E-01	4.32E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-04
471809	1.58E-04	2.48E-02	0.00E+00	2.48E-02	0.00E+00	0.00E+00	1.63E-02	9.33E-09	7.39E-05	8.10E-04	0.00E+00	0.00E+00	4.37E-13	8.46E-12	6.06E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	8.73E-04	3.47E-01	0.00E+00	3.81E-11	1.28E-09	2.04E-04	6.22E-07	4.63E-04	0.00E+00	3.47E-01	9.79E-10	3.47E-01	3.48E-01	4.63E-04	0.00E+00	0.00E+00	0.00E+00	9.45E-05
4719	1.35E-04	2.08E-02	2.63E-09	2.08E-02	1.91E-09	0.00E+00	7.98E-02	9.96E-09	6.33E-05	6.92E-04	0.00E+00	2.84E-06	4.96E-13	9.72E-12	6.87E-05	5.42E-06	0.00E+00	0.00E+00	2.25E-06	7.89E-04	3.12E-01	0.00E+00	3.81E-11	1.09E-09	1.72E-04	5.41E-07	4.07E-04	0.00E+00	3.12E-01	1.09E-09	3.12E-01	3.12E-01	4.07E-04	0.00E+00	0.00E+00	0.00E+00	9.87E-05
471909	1.37E-04	2.10E-02	2.63E-09	2.10E-02	1.63E-09	0.00E+00	7.99E-02	1.02E-08	6.48E-05	7.05E-04	0.00E+00	2.84E-06	4.99E-13	9.80E-12	6.96E-05	4.73E-06	0.00E+00	0.00E+00	2.27E-06	7.94E-04	3.14E-01	0.00E+00	3.83E-11	1.10E-09	1.73E-04	5.42E-07	4.08E-04	0.00E+00	3.14E-01	1.10E-09	3.14E-01	3.15E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
47202045	2.35E-04	4.02E-02	4.57E-10	4.02E-02	2.05E-11	0.00E+00	2.76E-02	1.56E-08	1.08E-04	1.35E-03	0.00E+00	0.00E+00	7.45E-13	1.41E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.73E-06	1.48E-03	6.52E-01	0.00E+00	6.48E-11	1.98E-09	3.18E-04	1.05E-06	7.99E-04	0.00E+00	6.52E-01	1.65E-09	6.52E-01	6.53E-01	7.99E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
47202089	2.36E-04	4.03E-02	4.57E-10	4.03E-02	2.05E-11	0.00E+00	2.76E-02	1.56E-08	1.10E-04	1.36E-03	0.00E+00	0.00E+00	7.45E-13	1.41E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.73E-06	1.49E-03	6.58E-01	0.00E+00	6.49E-11	1.98E-09	3.19E-04	1.05E-06	8.06E-04	0.00E+00	6.58E-01	1.65E-09	6.58E-01	6.60E-01	8.06E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
47206084	2.99E-04	4.84E-02	4.57E-10	4.86E-02	2.05E-11	0.00E+00	3.49E-02	1.83E-08	1.34E-04	1.55E-03	0.00E+00	0.00E+00	9.89E-13	1.92E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.65E-06	1.74E-03	8.11E-01	0.00E+00	8.33E-11	2.33E-09	3.70E-04	1.25E-06	9.22E-04	0.00E+00	8.11E-01	2.04E-09	8.11E-01	7.77E-01	9.22E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
47206086	2.91E-04	4.62E-02	4.57E-10	4.63E-02	2.05E-11	0.00E+00	3.36E-02	1.73E-08	1.28E-04	1.48E-03	0.00E+00	0.00E+00	9.32E-13	1.77E-11	1.31E-04	0.00E+00	0.00E+00	0.00E+00	4.44E-06	1.63E-03	7.87E-01	0.00E+00	8.06E-11	2.26E-09	3.56E-04	1.20E-06	8.93E-04	0.00E+00	7.87E-01	1.93E-09	7.87E-01	7.66E-01	8.93E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04
47206089	2.95E-04	4.65E-02	0.00E+00	4.65E-02	0.00E+00	0.00E+00	3.05E-02	1.75E-08	1.38E-04	1.52E-03	0.00E+00	0.00E+00	8.18E-13	1.58E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.12E-06	1.63E-03	6.49E-01	0.00E+00	7.14E-11	2.40E-09	3.82E-04	1.16E-06	8.67E-04	0.00E+00	6.49E-01	1.83E-09	6.49E-01	6.50E-01	8.67E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
47206094	2.87E-04	4.58E-02	4.57E-10	4.59E-02	2.05E-11	0.00E+00	3.20E-02	1.72E-08	1.25E-04	1.43E-03	0.00E+00	0.00E+00	9.19E-13	1.70E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.38E-06	1.60E-03	6.79E-01	0.00E+00	7.60E-11	2.23E-09	3.56E-04	1.18E-06	8.65E-04	0.00E+00	6.79E-01	1.93E-09	6.79E-01	6.67E-01	8.65E-04	0.00E+00	0.00E+00	0.00E+00	2.12E-04
47206096	2.96E-04	4.84E-02	4.57E-10	4.86E-02	2.05E-11	0.00E+00	3.49E-02	1.83E-08	1.32E-04	1.52E-03	0.00E+00	0.00E+00	9.89E-13	1.92E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-06	1.74E-03	8.11E-01	0.00E+00	8.32E-11	2.32E-09	3.67E-04	1.25E-06	9.23E-04	0.00E+00	8.11E-01	2.04E-09	8.11E-01	7.78E-01	9.23E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
47206099	2.83E-04	4.47E-02	0.00E+00	4.47E-02	0.00E+00	0.00E+00	2.93E-02	1.68E-08	1.33E-04	1.46E-03	0.00E+00	0.00E+00	7.87E-13	1.52E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.96E-06	1.57E-03	6.24E-01	0.00E+00	6.86E-11	2.31E-09	3.68E-04	1.12E-06	8.33E-04	0.00E+00	6.24E-01	1.76E-09	6.24E-01	6.25E-01	8.33E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
47208982	2.46E-04	4.06E-02	4.57E-10	4.05E-02	2.05E-11	0.00E+00	2.76E-02	1.55E-08	9.18E-05	1.21E-03	0.00E+00	0.00E+00	7.41E-13	1.40E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.70E-06	1.49E-03	6.45E-01	0.00E+00	6.49E-11	1.58E-09	2.89E-04	1.05E-06	8.05E-04	0.00E+00	6.45E-01	1.64E-09	6.45E-01	6.47E-01	8.05E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
47208989	2.66E-04	4.19E-02	0.00E+00	4.19E-02	0.00E+00	0.00E+00	2.75E-02	1.57E-08	1.25E-04	1.37E-03	0.00E+00	0.00E+00	7.38E-13	1.43E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.71E-06	1.47E-03	5.86E-01	0.00E+00	6.43E-11	2.16E-09	3.45E-04	1.05E-06	7.81E-04	0.00E+00	5.86E-01	1.65E-09	5.86E-01	5.86E-01	7.81E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04
47209909	2.22E-04	3.83E-02	4.57E-10	3.84E-02	2.05E-11	0.00E+00	2.56E-02	1.41E-08	1.04E-04	1.11E-03	0.00E+00	0.00E+00	6.74E-13	1.27E-11	9.45E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	1.35E-03	5.53E-01	0.00E+00	5.98E-11	1.82E-09	2.92E-04	9.60E-07	7.42E-04	0.00E+00	5.53E-01	1.47E-09	5.53E-01	5.58E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
47209939	2.89E-04	3.92E-02	4.57E-10	3.92E-02	2.05E-11	0.00E+00	2.56E-02	1.44E-08	1.12E-04	1.14E-03	0.00E+00	0.00E+00	6.79E-13	1.33E-11	9.52E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	1.37E-03	5.53E-01	0.00E+00	6.01E-11	1.96E-09	3.13E-04	9.63E-07	7.47E-04	0.00E+00	5.53E-01	1.50E-09	5.53E-01	5.60E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
47209949	2.52E-04	3.97E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.61E-02	1.49E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	6.99E-13	1.35E-11	9.70E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.55E-01	0.00E+00	6.10E-11	2.05E-09	3.27E-04	9.95E-07	7.41E-04	0.00E+00	5.55E-01	1.57E-09	5.55E-01	5.56E-01	7.41E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
47228982	1.31E-04	2.02E-02	4.57E-10	2.02E-02	2.05E-11	0.00E+00	1.33E-02	7.49E-09	6.01E-05	6.61E-04	0.00E+00	0.00E+00	3.57E-13	6.93E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.12E-04	2.82E-01	0.00E+00	3.10E-11	1.04E-09	1.67E-04	5.08E-07	3.72E-04	0.00E+00	2.82E-01	7.89E-10	2.82E-01	2.82E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
47228989	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.20E-09	5.70E-05	6.25E-04	0.00E+00	0.00E+00	3.37E-13	6.53E-12	4.68E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.74E-04	2.68E-01	0.00E+00	2.94E-11	9.89E-10	1.58E-04	4.80E-07	3.58E-04	0.00E+00	2.68E-01	7.56E-10	2.68E-01	2.68E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.29E-05
47229909	1.21E-04	1.79E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.17E-02	6.72E-09	5.32E-05	5.84E-04	0.00E+00	0.00E+00	3.15E-13	6.10E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.29E-04	2.50E-01	0.00E+00	2.75E-11	9.23E-10	1.47E-04	4.48E-07	3.34E-04	0.00E+00	2.50E-01	7.06E-10	2.50E-01	2.50E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-05
47229939	1.18E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.20E-02	7.05E-09	5.63E-05	6.22E-04	0.00E+00	0.00E+00	3.26E-13	6.25E-12	4.54E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.53E-04	2.59E-01	0.00E+00	2.86E-11	9.67E-10	1.57E-04	4.64E-07	3.47E-04	0.00E+00	2.59E-01	7.26E-10	2.59E-01	2.60E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-05
47229949	1.18E-04	1.85E-02	4.57E-10	1.85E-02	2.05E-11	0.00E+00	1.19E-02	7.02E-09	5.63E-05	6.19E-04	0.00E+00	0.00E+00	3.23E-13	6.21E-12	4.54E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.52E-04	2.58E-01	0.00E+00	2.86E-11	9.67E-10	1.57E-04	4.60E-07	3.46E-04	0.00E+00	2.58E-01	7.25E-10	2.58E-01	2.59E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05
47231404	1.07E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.15E-02	6.62E-09	4.89E-05	5.14E-04	0.00E+00	0.00E+00	3.09E-13	6.01E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.28E-04	2.48E-01	0.00E+00	2.66E-11	8.66E-10	1.34E-04	4.45E-07	3.30E-04	0.00E+00	2.48E-01	6.94E-10	2.48E-01	2.48E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
47231606	1.14E-04	1.69E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.11E-02	6.36E-09	5.04E-05	5.52E-04	0.00E+00	0.00E+00	2.98E-13	5.77E-12	4.13E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	5.95E-04	2.37E-01	0.00E+00	2.60E-11	8.74E-10	1.39E-04	4.24E-07	3.16E-04	0.00E+00	2.37E-01	6.68E-10	2.37E-01	2.37E-01	3.16E-04	0.00E+00	0.00E+00	0.00E+00	6.44E-05
47231903	1.09E-04	1.75E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.14E-02	6.57E-09	4.98E-05	5.55E-04	0.00E+00	0.00E+00	3.03E-13	5.91E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.58E-04	2.48E-01	0.00E+00	2.67E-11	8.43E-10	1.38E-04	4.94E-07	3.43E-04	0.00E+00	2.48E-01	6.83E-10	2.48E-01	2.48E-01	3.43E-04	0.00E+00	0.00E+00	0.00E+00	6.52E-05
47231909	1.15E-04	1.70E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.12E-02	6.40E-09	5.06E-05	5.56E-04	0.00E+00	0.00E+00	3.00E-13	5.80E-12	4.15E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-06	5.99E-04	2.38E-01	0.00E+00	2.62E-11	8.79E-10	1.40E-04	4.26E-07	3.18E-04	0.00E+00	2.38E-01	6.72E-10	2.38E-01	2.38E-01	3.18E-04	0.00E+00	0.00E+00	0.00E+00	6.48E-05
47231914	1.04E-04	1.68E-02	4.57E-10	1.68E-02	2.05E-11	0.00E+00	1.11E-02	6.35E-09	4.87E-05	5.39E-04	0.00E+00	0.00E+00	3.01E-13	5.66E-12	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.87E-04	2.34E-01	0.00E+00	2.56E-11	8.52E-10	1.38E-04	4.21E-07	3.16E-04	0.00E+00	2.34E-01	6.61E-10	2.34E-01	2.35E-01	3.16E-04	0.00E+00	0.00E+00	0.00E+00	6.43E-05
47231917	1.04E-04	1.68E-02	4.57E-10	1.67E-02	2.05E-11	0.00E+00	1.10E-02	6.29E-09	4.94E-05	5.51E-04	0.00E+00	0.00E+00	2.94E-13	5.60E-12	4.11E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.92E-04	2.32E-01	0.00E+00	2.55E-11	8.50E-10	1.41E-04	4.26E-07	3.19E-04	0.00E+00	2.32E-01	6.54E-10	2.32E-01	2.33E-01	3.19E-04	0.00E+00	0.00E+00	0.00E+00	6.39E-05
47231922	1.06E-04	1.68E-02	4.57E-10	1.67E-02	2.05E-11	0.00E+00	1.11E-02	6.40E-09	5.02E-05	5.62E-04	0.00E+00	0.00E+00	3.01E-13	5.58E-12	4.13E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.94E-04	2.33E-01	0.00E+00	2.57E-11	8.62E-10	1.44E-04	4.25E-07	3.20E-04	0.00E+00	2.33E-01	6.62E-10	2.33E-01	2.34E-01	3.20E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-05
47232045	1.01E-04	1.59E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	1.04E-02	5.98E-09	4.73E-05	5.19E-04	0.00E+00	0.00E+00	2.80E-13	5.42E-12	3.88E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-06	5.59E-04	2.22E-01	0.00E+00	2.44E-11	8.21E-10	1.31E-04	3.98E-07	2.97E-04	0.00E+00	2.22E-01	6.27E-10	2.22E-01	2.23E-01	2.97E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-05
47232089	1.14E-04	1.80E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.18E-02	6.75E-09	5.34E-05	5.86E-04	0.00E+00	0.00E+00	3.16E-13	6.12E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.32E-04	2.51E-01	0.00E+00	2.76E-11	9.27E-10	1.48E-04	4.50E-07	3.35E-04	0.00E+00	2.51E-01	7.09E-10	2.51E-01	2.52E-01	3.35E-04	0.00E+00	0.00E+00	0.00E+00	6.84E-05
47236003	1.17E-04	1.82E-02	4.57E-10	1.82E-02	2.05E-11	0.00E+00	1.19E-02	6.85E-09	5.50E-05	5.97E-04	0.00E+00	0.00E+00	3.20E-13	6.19E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.42E-04	2.54E-01	0.00E+00	2.81E-11	9.53E-10	1.51E-04	4.59E-07	3.40E-04	0.00E+00	2.54E-01	7.15E-10	2.54E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-05
47236022	1.16E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.16E-02	6.75E-09	5.34E-05	5.72E-04	0.00E+00	0.00E+00	3.13E-13	6.04E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.18E-04	2.45E-01	0.00E+00	2.79E-11	9.23E-10	1.45E-04	4.41E-07	3.32E-04	0.00E+00	2.45E-01	6.99E-10	2.45E-01	2.47E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
47236084	1.28E-04	1.90E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.25E-02	7.14E-09	5.65E-05	6.20E-04	0.00E+00	0.00E+00	3.34E-13	6.47E-12	4.63E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.68E-04	2.65E-01	0.00E+00	2.92E-11	9.80E-10	1.56E-04	4.76E-07	3.54E-04	0.00E+00	2.65E-01	7.49E-10	2.65E-01	2.66E-01	3.54E-04	0.00E+00	0.00E+00	0.00E+00	7.22E-05
47236086	1.28E-04	1.90E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.25E-02	7.14E-09	5.65E-05	6.20E-04	0.00E+00	0.00E+00	3.34E-13	6.47E-12	4.63E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.68E-04	2.65E-01	0.00E+00	2.92E-11	9.80E-10	1.56E-04	4.76E-07	3.54E-04	0.00E+00	2.65E-01	7.49E-10	2.65E-01	2.66E-01	3.54E-04	0.00E+00	0.00E+00	0.00E+00	7.22E-05
47236089	1.27E-04	1.88E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.23E-02	7.07E-09	5.60E-05	6.14E-04	0.00E+00	0.00E+00	3.31E-13	6.41E-12	4.59E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.62E-04	2.63E-01	0.00E+00	2.89E-11	9.71E-10	1.55E-04	4.71E-07	3.51E-04	0.00E+00	2.63E-01	7.42E-10	2.63E-01	2.63E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	7.16E-05
47238903	1.19E-04	1.88E-02	4.57E-10	1.88E-02	2.05E-11	0.00E+00	1.23E-02	7.09E-09	5.58E-05	6.12E-04	0.00E+00	0.00E+00	3.30E-13	6.40E-12	4.54E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.59E-04	2.63E-01	0.00E+00	2.87E-11	9.70E-10	1.55E-04	4.65E-07	3.50E-04	0.00E+00	2.63E-01	7.35E-10	2.63E-01	2.64E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	7.13E-05
47238907	1.15E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.15E-02	6.63E-09	5.32E-05	5.66E-04	0.00E+00	0.00E+00	3.08E-13	5.97E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.12E-04	2.42E-01	0.00E+00	2.74E-11	9.19E-10	1.44E-04	4.35E-07	3.28E-04	0.00E+00	2.42E-01	6.88E-10	2.42E-01	2.44E-01	3.28E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-05
47238914	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.17E-02	6.80E-09	5.40E-05	5.92E-04	0.00E+00	0.00E+00	3.16E-13	6.12E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.30E-04	2.49E-01	0.00E+00	2.80E-11	9.34E-10	1.47E-04	4.56E-07	3.38E-04	0.00E+00	2.49E-01	7.10E-10	2.49E-01	2.49E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.88E-05
47238917	1.04E-04	1.68E-02	4.57E-10	1.67E-02	2.05E-11	0.00E+00	1.10E-02	6.29E-09	4.94E-05	5.51E-04	0.00E+00	0.00E+00	2.94E-13	5.60E-12	4.11E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.92E-04	2.32E-01	0.00E+00	2.55E-11	8.50E-10	1.41E-04	4.26E-07	3.19E-04	0.00E+00	2.32E-01	6.54E-10	2.32E-01	2.33E-01	3.19E-04	0.00E+00	0.00E+00	0.00E+00	6.39E-05
47238922	1.06E-04	1.68E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.10E-02	6.30E-09	4.99E-05	5.47E-04	0.00E+00	0.00E+00	2.95E-13	5.71E-12	4.09E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-06	5.90E-04	2.34E-01	0.00E+00	2.58E-11	8.65E-10	1.38E-04	4.20E-07	3.13E-04	0.00E+00	2.34E-01	6.61E-10	2.34E-01	2.35E-01	3.13E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-05
47238982	1.16E-04	1.78E-02	4.57E-10	1.79E-02	2.05E-11	0.00E+00	1.18E-02	6.81E-09	5.39E-05	5.92E-04	0.00E+00	0.00E+00	3.18E-13	6.14E-12	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.30E-04	2.49E-01	0.00E+00	2.80E-11	9.35E-10	1.47E-04	4.58E-07	3.38E-04	0.00E+00	2.49E-01	7.12E-10	2.49E-01	2.49E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.89E-05
47238989	1.30E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.20E-09	5.70E-05	6.25E-04	0.00E+00	0.00E+00	3.37E-13	6.53E-12	4.68E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.74E-04	2.68E-01	0.00E+00	2.94E-11	9.89E-10	1.58E-04	4.80E-07	3.57E-04	0.00E+00	2.68E-01	7.56E-10	2.68E-01	2.68E-01	3.57E-04	0.00E+00	0.00E+00	0.00E+00	7.29E-05
47241404	1.29E-04	1.97E-02	4.57E-10	1.97E-02	2.05E-11	0.00E+00	1.29E-02	7.42E-09	5.83E-05	6.40E-04	0.00E+00	0.00E+00	3.47E-13	6.72E-12	4.79E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.93E-04	2.76E-01	0.00E+00	3.02E-11	1.01E-09	1.61E-04	4.96E-07	3.68E-04	0.00E+00	2.76E-01	7.80E-10	2.76E-01	2.77E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05
47241606	1.27E-04	1.98E-02	4.57E-10	1.98E-02	2.05E-11	0.00E+00	1.30E-02	7.47E-09	5.84E-05	6.36E-04	0.00E+00	0.00E+00	3.49E-13	6.80E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	6.98E-04	2.77E-01	0.00E+00	3.02E-11	1.01E-09	1.61E-04	4.94E-07	3.68E-04	0.00E+00	2.77E-01	7.87E-10	2.77E-01	2.78E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
47241909	4.58E-04	1.89E-02	4.57E-10	1.89E-02	2.05E-11	0.00E+00	1.23E-02	7.06E-09	8.07E-05	8.56E-04	0.00E+00	0.00E+00	3.32E-13	6.67E-12	4.60E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.63E-04	2.62E-01	0.00E+00	2.89E-11	1.64E-09	2.15E-04	4.70E-07	3.50E-04	0.00E+00	2.62E-01	7.46E-10	2.62E-01	2.61E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	7.17E-05
47248982	1.19E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	7.02E-09	5.60E-05	6.06E-04	0.00E+00	0.00E+00	3.29E-13	6.33E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.55E-04	2.60E-01	0.00E+00	2.87E-11	9.74E-10	1.54E-04	4.65E-07	3.46E-04	0.00E+00	2.60E-01	7.38E-10	2.60E-01	2.61E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-05
47248989	1.12E-04	1.77E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.16E-02	6.63E-09	5.25E-05	5.76E-04	0.00E+00	0.00E+00	3.11E-13	6.01E-12	4.31E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.21E-04	2.47E-01	0.00E+00	2.71E-11	9.11E-10	1.45E-04	4.42E-07	3.29E-04	0.00E+00	2.47E-01	6.96E-10	2.47E-01	2.47E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05
47271404	1.10E-04	1.73E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.14E-02	6.52E-09	5.08E-05	5.30E-04	0.00E+00	0.00E+00	3.04E-13	5.93E-12	4.24E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.26E-04	2.45E-01	0.00E+00	2.66E-11	8.81E-10	1.39E-04	4.55E-07	3.37E-04	0.00E+00	2.45E-01	6.81E-10	2.45E-01	2.45E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.57E-05
47271606	1.10E-04	1.73E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.15E-02	6.55E-09	5.07E-05	5.51E-04	0.00E+00	0.00E+00	3.05E-13	5.95E-12	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.17E-04	2.44E-01	0.00E+00	2.66E-11	8.89E-10	1.40E-04	4.39E-07	3.31E-04	0.00E+00	2.44E-01	6.82E-10	2.44E-01	2.45E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
47271909	9.76E-05	1.61E-02	4.57E-10	1.61E-02	2.05E-11	0.00E+00	1.05E-02	6.02E-09	4.64E-05	4.97E-04	0.00E+00	0.00E+00	2.80E-13	5.45E-12	3.98E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-06	5.86E-04	2.24E-01	0.00E+00	2.47E-11	8.02E-10	1.24E-04	4.07E-07	3.14E-04	0.00E+00	2.24E-01	6.29E-10	2.24E-01	2.25E-01	3.14E-04	0.00E+00	0.00E+00	0.00E+00	6.11E-05
47272045	9.74E-05	1.49E-02	3.21E-09	1.49E-02	1.47E-09	0.00E+00	3.04E-02	6.84E-09	4.53E-05	5.02E-04	0.00E+00	2.63E-06	3.79E-13	7.55E-12	5.00E-05	2.20E-06	0.00E+00	0.00E+00	1.64E-06	5.82E-04	2.17E-01	0.00E+00	3.12E-11	7.78E-10	1.27E-04	4.18E-07	3.15E-04	0.00E+00	2.17E-01	8.16E-10	2.17E-01	2.18E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	7.07E-05
47272089	9.31E-05	1.48E-02	4.97E-09	1.49E-02	1.96E-09	0.00E+00	4.06E-02	8.06E-09	4.52E-05	5.01E-04	0.00E+00	4.70E-06	4.85E-13	9.55E-12	7.46E-05	4.33E-06	0.00E+00	0.00E+00	1.83E-06	5.90E-04	2.16E-01	0.00E+00	3.89E-11	7.27E-10	1.27E-04	4.28E-07	3.21E-04	0.00E+00	2.16E-01	1.00E-09	2.16E-01	2.17E-01	3.21E-04	0.00E+00	0.00E+00	0.00E+00	7.90E-05
47276084	1.09E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.14E-02	6.50E-09	5.10E-05	5.59E-04	0.00E+00	0.00E+00	3.07E-13	5.92E-12	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.29E-04	2.49E-01	0.00E+00	2.66E-11	8.99E-10	1.43E-04	4.41E-07	3.32E-04	0.00E+00	2.49E-01	6.86E-10	2.49E-01	2.49E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
47276086	1.06E-04	1.72E-02	4.57E-10	1.72E-02	2.05E-11	0.00E+00	1.13E-02	6.42E-09	5.05E-05	5.49E-04	0.00E+00	0.00E+00	3.02E-13	5.86E-12	4.20E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-06	6.19E-04	2.43E-01	0.00E+00	2.64E-11	8.83E-10	1.39E-04	4.34E-07	3.25E-04	0.00E+00	2.43E-01	6.74E-10	2.43E-01	2.43E-01	3.25E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-05
47276089	1.03E-04	1.70E-02	4.57E-10	1.70E-02	2.05E-11	0.00E+00	1.12E-02	6.40E-09	4.88E-05	5.41E-04	0.00E+00	0.00E+00	3.00E-13	5.80E-12	4.16E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-06	6.08E-04	2.40E-01	0.00E+00	2.62E-11	8.57E-10	1.36E-04	4.39E-07	3.17E-04	0.00E+00	2.40E-01	6.70E-10	2.40E-01	2.40E-01	3.17E-04	0.00E+00	0.00E+00	0.00E+00	6.44E-05
47278982	1.41E-04	2.26E-02	4.57E-10	2.27E-02	2.05E-11	0.00E+00	1.45E-02	8.05E-09	6.37E-05	6.99E-04	0.00E+00	0.00E+00	3.90E-13	7.80E-12	5.37E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	9.03E-04	3.11E-01	0.00E+00	3.32E-11	1.10E-09	1.85E-04	5.55E-07	4.22E-04	0.00E+00	3.11E-01	8.55E-10	3.11E-01	3.10E-01	4.22E-04	0.00E+00	0.00E+00	0.00E+00	8.43E-05
47278989	1.04E-04	1.71E-02	4.57E-10	1.71E-02	2.05E-11	0.00E+00	1.12E-02	6.40E-09	4.87E-05	5.47E-04	0.00E+00	0.00E+00	3.00E-13	5.82E-12	4.18E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-06	6.15E-04	2.43E-01	0.00E+00	2.64E-11	8.56E-10	1.37E-04	4.66E-07	3.22E-04	0.00E+00	2.43E-01	6.71E-10	2.43E-01	2.43E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.44E-05
47287103	1.38E-04	2.16E-02	4.57E-10	2.16E-02	2.05E-11	0.00E+00	1.40E-02	8.04E-09	6.39E-05	7.01E-04	0.00E+00	0.00E+00	3.77E-13	7.30E-12	5.18E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.56E-04	2.98E-01	0.00E+00	3.26E-11	1.11E-09	1.77E-04	5.39E-07	4.08E-04	0.00E+00	2.98E-01	8.44E-10	2.98E-01	2.99E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-05
47287106	9.97E-05	1.62E-02	4.57E-10	1.61E-02	2.05E-11	0.00E+00	1.05E-02	6.07E-09	4.64E-05	5.07E-04	0.00E+00	0.00E+00	2.83E-13	5.47E-12	4.00E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-06	5.88E-04	2.26E-01	0.00E+00	2.49E-11	8.04E-10	1.24E-04	4.10E-07	3.15E-04	0.00E+00	2.26E-01	6.33E-10	2.26E-01	2.26E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	6.12E-05
47287109	9.83E-05	1.62E-02	4.57E-10	1.61E-02	2.05E-11	0.00E+00	1.05E-02	6.07E-09	4.63E-05	5.00E-04	0.00E+00	0.00E+00	2.83E-13	5.46E-12	3.98E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-06	5.87E-04	2.26E-01	0.00E+00	2.49E-11	8.03E-10	1.24E-04	4.11E-07	3.15E-04	0.00E+00	2.26E-01	6.33E-10	2.26E-01	2.26E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	6.12E-05
47357002	1.14E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.14E-02	6.59E-09	5.23E-05	5.61E-04	0.00E+00	0.00E+00	3.07E-13	5.95E-12	4.32E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.21E-04	2.46E-01	0.00E+00	2.69E-11	9.06E-10	1.43E-04	4.45E-07	3.30E-04	0.00E+00	2.46E-01	6.90E-10	2.46E-01	2.47E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-05
47357003	1.19E-04	1.87E-02	4.57E-10	1.87E-02	2.05E-11	0.00E+00	1.23E-02	7.03E-09	5.61E-05	6.09E-04	0.00E+00	0.00E+00	3.29E-13	6.34E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.57E-04	2.62E-01	0.00E+00	2.88E-11	9.75E-10	1.54E-04	4.66E-07	3.47E-04	0.00E+00	2.62E-01	7.39E-10	2.62E-01	2.62E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	7.10E-05
47357004	1.23E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.26E-09	5.75E-05	6.31E-04	0.00E+00	0.00E+00	3.40E-13	6.58E-12	4.72E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.80E-04	2.70E-01	0.00E+00	2.97E-11	9.97E-10	1.59E-04	4.84E-07	3.60E-04	0.00E+00	2.70E-01	7.62E-10	2.70E-01	2.71E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.35E-05
47357006	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.89E-09	5.45E-05	5.98E-04	0.00E+00	0.00E+00	3.23E-13	6.25E-12	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.45E-04	2.56E-01	0.00E+00	2.82E-11	9.46E-10	1.51E-04	4.59E-07	3.42E-04	0.00E+00	2.56E-01	7.23E-10	2.56E-01	2.57E-01	3.42E-04	0.00E+00	0.00E+00	0.00E+00	6.98E-05
47357009	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.89E-09	5.45E-05	5.98E-04	0.00E+00	0.00E+00	3.23E-13	6.24E-12	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.45E-04	2.56E-01	0.00E+00	2.82E-11	9.46E-10	1.51E-04	4.59E-07	3.42E-04	0.00E+00	2.56E-01	7.23E-10	2.56E-01	2.57E-01	3.42E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-05
47357113	1.17E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.84E-09	5.37E-05	5.78E-04	0.00E+00	0.00E+00	3.18E-13	6.15E-12	4.42E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.29E-04	2.50E-01	0.00E+00	2.78E-11	9.30E-10	1.48E-04	4.48E-07	3.38E-04	0.00E+00	2.50E-01	7.05E-10	2.50E-01	2.50E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05
47357115	1.09E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.15E-02	6.56E-09	5.11E-05	5.48E-04	0.00E+00	0.00E+00	3.06E-13	5.95E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.19E-04	2.45E-01	0.00E+00	2.66E-11	8.91E-10	1.41E-04	4.37E-07	3.25E-04	0.00E+00	2.45E-01	6.83E-10	2.45E-01	2.46E-01	3.25E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05
47387003	1.18E-04	1.79E-02	4.57E-10	1.79E-02	2.05E-11	0.00E+00	1.19E-02	6.88E-09	5.44E-05	5.92E-04	0.00E+00	0.00E+00	3.19E-13	6.18E-12	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.39E-04	2.54E-01	0.00E+00	2.82E-11	9.42E-10	1.49E-04	4.65E-07	3.45E-04	0.00E+00	2.54E-01	7.18E-10	2.54E-01	2.53E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05
47387006	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.14E-02	6.66E-09	5.30E-05	5.69E-04	0.00E+00	0.00E+00	3.08E-13	5.95E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.22E-04	2.46E-01	0.00E+00	2.73E-11	9.15E-10	1.44E-04	4.48E-07	3.31E-04	0.00E+00	2.46E-01	6.95E-10	2.46E-01	2.46E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
47387009	1.15E-04	1.75E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.14E-02	6.66E-09	5.30E-05	5.67E-04	0.00E+00	0.00E+00	3.07E-13	5.94E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.21E-04	2.45E-01	0.00E+00	2.73E-11	9.14E-10	1.44E-04	4.48E-07	3.30E-04	0.00E+00	2.45E-01	6.96E-10	2.45E-01	2.46E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05
47393505	1.99E-04	3.14E-02	0.00E+00	3.14E-02	0.00E+00	0.00E+00	2.06E-02	1.18E-08	9.34E-05	1.03E-03	0.00E+00	0.00E+00	5.53E-13	1.07E-11	7.67E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	1.10E-03	4.39E-01	0.00E+00	4.83E-11	1.62E-09	2.59E-04	7.87E-07	5.86E-04	0.00E+00	4.39E-01	1.24E-09	4.39E-01	4.40E-01	5.86E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04

47397003	1.15E-04	1.75E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.14E-02	6.60E-09	5.24E-05	5.68E-04	0.00E+00	0.00E+00	3.07E-13	5.94E-12	4.35E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.19E-04	2.45E-01	0.00E+00	2.71E-11	9.08E-10	1.43E-04	4.46E-07	3.30E-04	0.00E+00	2.45E-01	6.91E-10	2.45E-01	2.46E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05
47397006	3.78E-05	6.36E-03	4.57E-10	6.37E-03	2.05E-11	0.00E+00	4.15E-03	2.28E-09	1.75E-05	1.82E-04	0.00E+00	0.00E+00	1.11E-13	2.16E-12	1.48E-05	0.00E+00	0.00E+00	0.00E+00	6.26E-07	2.34E-04	8.47E-02	0.00E+00	1.04E-11	3.09E-10	4.73E-05	1.76E-07	1.26E-04	0.00E+00	8.47E-02	2.52E-10	8.47E-02	8.47E-02	1.26E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-05
47397009	1.14E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.14E-02	6.57E-09	5.22E-05	5.61E-04	0.00E+00	0.00E+00	3.05E-13	5.91E-12	4.31E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.18E-04	2.44E-01	0.00E+00	2.69E-11	9.04E-10	1.42E-04	4.45E-07	3.28E-04	0.00E+00	2.44E-01	6.87E-10	2.44E-01	2.45E-01	3.28E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-05
47397013	1.16E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.78E-09	5.34E-05	5.76E-04	0.00E+00	0.00E+00	3.14E-13	6.07E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.27E-04	2.49E-01	0.00E+00	2.75E-11	9.24E-10	1.46E-04	4.54E-07	3.37E-04	0.00E+00	2.49E-01	7.00E-10	2.49E-01	2.49E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-05
47397014	1.16E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.73E-09	5.34E-05	5.77E-04	0.00E+00	0.00E+00	3.13E-13	6.06E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.22E-04	2.48E-01	0.00E+00	2.75E-11	9.24E-10	1.46E-04	4.46E-07	3.34E-04	0.00E+00	2.48E-01	7.00E-10	2.48E-01	2.48E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05
47397015	1.16E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.78E-09	5.35E-05	5.77E-04	0.00E+00	0.00E+00	3.13E-13	6.06E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.22E-04	2.48E-01	0.00E+00	2.75E-11	9.25E-10	1.46E-04	4.46E-07	3.34E-04	0.00E+00	2.48E-01	7.01E-10	2.48E-01	2.47E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05
47397114	1.16E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.76E-09	5.34E-05	5.77E-04	0.00E+00	0.00E+00	3.13E-13	6.05E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.22E-04	2.48E-01	0.00E+00	2.75E-11	9.24E-10	1.46E-04	4.46E-07	3.34E-04	0.00E+00	2.48E-01	7.00E-10	2.48E-01	2.48E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-05
47397115	1.12E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.14E-02	6.52E-09	5.11E-05	5.54E-04	0.00E+00	0.00E+00	3.05E-13	5.92E-12	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.12E-04	2.43E-01	0.00E+00	2.66E-11	8.92E-10	1.43E-04	4.36E-07	3.24E-04	0.00E+00	2.43E-01	6.80E-10	2.43E-01	2.45E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
47403512	1.62E-04	2.55E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	1.67E-02	9.59E-09	7.59E-05	8.33E-04	0.00E+00	0.00E+00	4.49E-13	8.69E-12	6.23E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	8.98E-04	3.57E-01	0.00E+00	3.92E-11	1.32E-09	2.10E-04	6.39E-07	4.76E-04	0.00E+00	3.57E-01	1.01E-09	3.57E-01	3.57E-01	4.76E-04	0.00E+00	0.00E+00	0.00E+00	9.71E-05
47403515	1.54E-04	2.43E-02	0.00E+00	2.43E-02	0.00E+00	0.00E+00	1.59E-02	9.12E-09	7.21E-05	7.91E-04	0.00E+00	0.00E+00	4.27E-13	8.26E-12	5.92E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	8.53E-04	3.39E-01	0.00E+00	3.73E-11	1.25E-09	2.00E-04	6.08E-07	4.52E-04	0.00E+00	3.39E-01	9.57E-10	3.39E-01	3.39E-01	4.52E-04	0.00E+00	0.00E+00	0.00E+00	9.23E-05
47403521	1.64E-04	2.61E-02	1.36E-08	2.60E-02	4.66E-09	0.00E+00	2.57E-01	2.08E-08	8.55E-05	9.02E-04	0.00E+00	1.59E-05	9.82E-13	1.95E-11	1.63E-04	1.44E-05	0.00E+00	0.00E+00	4.85E-06	1.12E-03	4.19E-01	0.00E+00	6.35E-11	1.25E-09	2.21E-04	7.51E-07	5.36E-04	0.00E+00	4.19E-01	1.81E-09	4.19E-01	4.23E-01	5.36E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-04
47403523	1.64E-04	2.61E-02	1.36E-08	2.60E-02	4.66E-09	0.00E+00	2.57E-01	2.08E-08	8.55E-05	9.02E-04	0.00E+00	1.59E-05	9.82E-13	1.95E-11	1.63E-04	1.44E-05	0.00E+00	0.00E+00	4.85E-06	1.12E-03	4.19E-01	0.00E+00	6.35E-11	1.25E-09	2.21E-04	7.51E-07	5.36E-04	0.00E+00	4.19E-01	1.81E-09	4.19E-01	4.23E-01	5.36E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-04
47403524	1.63E-04	2.61E-02	1.52E-08	2.60E-02	4.24E-09	0.00E+00	2.66E-01	1.95E-08	8.55E-05	9.01E-04	0.00E+00	1.69E-05	9.74E-13	1.91E-11	1.64E-04	1.24E-05	0.00E+00	0.00E+00	4.32E-06	9.57E-04	3.72E-01	0.00E+00	6.30E-11	1.25E-09	2.21E-04	6.52E-07	4.79E-04	0.00E+00	3.72E-01	1.82E-09	3.72E-01	3.72E-01	4.79E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-04
47403527	1.63E-04	2.60E-02	1.54E-08	2.60E-02	4.03E-09	0.00E+00	2.65E-01	1.91E-08	8.55E-05	9.01E-04	0.00E+00	1.65E-05	9.81E-13	1.95E-11	1.63E-04	1.18E-05	0.00E+00	0.00E+00	4.23E-06	9.72E-04	3.69E-01	0.00E+00	6.37E-11	1.25E-09	2.21E-04	6.32E-07	4.73E-04	0.00E+00	3.69E-01	1.77E-09	3.69E-01	3.70E-01	4.73E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
47403533	1.65E-04	2.61E-02	1.36E-08	2.61E-02	4.66E-09	0.00E+00	2.57E-01	2.08E-08	8.56E-05	9.03E-04	0.00E+00	1.59E-05	9.82E-13	1.95E-11	1.63E-04	1.44E-05	0.00E+00	0.00E+00	4.85E-06	1.12E-03	4.19E-01	0.00E+00	6.35E-11	1.25E-09	2.21E-04	7.51E-07	5.36E-04	0.00E+00	4.19E-01	1.81E-09	4.19E-01	4.23E-01	5.36E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-04
47413512	1.67E-04	2.63E-02	1.18E-08	2.63E-02	6.00E-09	0.00E+00	1.69E-01	2.13E-08	8.59E-05	9.11E-04	0.00E+00	1.18E-05	1.11E-12	2.17E-11	1.87E-04	1.37E-05	0.00E+00	0.00E+00	6.06E-06	1.48E-03	4.31E-01	0.00E+00	8.20E-11	1.25E-09	2.23E-04	1.02E-06	7.12E-04	0.00E+00	4.31E-01	2.34E-09	4.31E-01	4.33E-01	7.12E-04	0.00E+00	0.00E+00	0.00E+00	2.35E-04
47413515	1.64E-04	2.58E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	1.69E-02	9.69E-09	7.67E-05	8.41E-04	0.00E+00	0.00E+00	4.54E-13	8.78E-12	6.29E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.07E-04	3.60E-01	0.00E+00	3.96E-11	1.33E-09	2.12E-04	6.46E-07	4.81E-04	0.00E+00	3.60E-01	1.02E-09	3.60E-01	3.61E-01	4.81E-04	0.00E+00	0.00E+00	0.00E+00	9.81E-05
47413522	1.72E-04	2.64E-02	1.41E-08	2.65E-02	5.99E-09	0.00E+00	1.96E-01	2.38E-08	9.03E-05	9.59E-04	0.00E+00	1.43E-05	1.15E-12	2.27E-11	1.95E-04	1.25E-05	0.00E+00	0.00E+00	6.66E-06	1.44E-03	4.31E-01	0.00E+00	8.55E-11	1.32E-09	2.43E-04	9.31E-07	6.52E-04	0.00E+00	4.31E-01	2.41E-09	4.31E-01	4.34E-01	6.52E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-04
47413525	1.77E-04	2.75E-02	1.24E-08	2.76E-02	6.47E-09	0.00E+00	2.10E-01	2.00E-08	9.04E-05	9.65E-04	0.00E+00	1.24E-05	1.09E-12	2.13E-11	1.59E-04	1.27E-05	0.00E+00	0.00E+00	5.32E-06	1.44E-03	4.28E-01	0.00E+00	7.28E-11	1.34E-09	2.46E-04	9.71E-07	6.77E-04	0.00E+00	4.28E-01	2.24E-09	4.28E-01	4.33E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04
47428982	1.28E-04	2.01E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.31E-02	7.52E-09	5.91E-05	6.54E-04	0.00E+00	0.00E+00	3.53E-13	6.78E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.00E-04	2.78E-01	0.00E+00	3.06E-11	1.02E-09	1.65E-04	4.98E-07	3.70E-04	0.00E+00	2.78E-01	7.87E-10	2.78E-01	2.78E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
47428989	1.20E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.24E-02	7.11E-09	5.63E-05	6.18E-04	0.00E+00	0.00E+00	3.33E-13	6.45E-12	4.62E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.66E-04	2.65E-01	0.00E+00	2.91E-11	9.77E-10	1.56E-04	4.74E-07	3.53E-04	0.00E+00	2.65E-01	7.47E-10	2.65E-01	2.65E-01	3.53E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-05
47429909	1.21E-04	1.79E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.18E-02	6.74E-09	5.33E-05	5.85E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.30E-04	2.51E-01	0.00E+00	2.75E-11	9.25E-10	1.48E-04	4.49E-07	3.34E-04	0.00E+00	2.51E-01	7.07E-10	2.51E-01	2.51E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.82E-05
47429939	1.92E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.20E-02	6.99E-09	6.69E-05	6.75E-04	0.00E+00	0.00E+00	3.24E-13	6.24E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.48E-04	2.57E-01	0.00E+00	2.85E-11	1.16E-09	1.81E-04	4.64E-07	3.45E-04	0.00E+00	2.57E-01	7.27E-10	2.57E-01	2.59E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-05
47429949	1.26E-04	1.86E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.22E-02	6.99E-09	5.53E-05	6.07E-04	0.00E+00	0.00E+00	3.27E-13	6.33E-12	4.54E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.54E-04	2.60E-01	0.00E+00	2.86E-11	9.59E-10	1.53E-04	4.66E-07	3.47E-04	0.00E+00	2.60E-01	7.33E-10	2.60E-01	2.60E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	7.07E-05
47431404	1.19E-04	1.76E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.16E-02	6.62E-09	5.24E-05	5.75E-04	0.00E+00	0.00E+00	3.10E-13	6.00E-12	4.30E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.20E-04	2.46E-01	0.00E+00	2.71E-11	9.10E-10	1.45E-04	4.42E-07	3.29E-04	0.00E+00	2.46E-01	6.95E-10	2.46E-01	2.47E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05
47431606	1.12E-04	1.66E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.09E-02	6.23E-09	4.93E-05	5.41E-04	0.00E+00	0.00E+00	2.92E-13	5.65E-12	4.05E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.83E-04	2.32E-01	0.00E+00	2.55E-11	8.56E-10	1.37E-04	4.15E-07	3.09E-04	0.00E+00	2.32E-01	6.54E-10	2.32E-01	2.32E-01	3.09E-04	0.00E+00	0.00E+00	0.00E+00	6.31E-05
47431903	1.02E-04	1.66E-02	4.57E-10	1.65E-02	2.05E-11	0.00E+00	1.09E-02	6.24E-09	4.78E-05	5.15E-04	0.00E+00	0.00E+00	2.95E-13	5.57E-12	4.11E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.92E-04	2.32E-01	0.00E+00	2.56E-11	8.20E-10	1.28E-04	4.25E-07	3.16E-04	0.00E+00	2.32E-01	6.49E-10	2.32E-01	2.33E-01	3.16E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-05
47431907	1.04E-04	1.66E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.10E-02	6.33E-09	4.89E-05	5.36E-04	0.00E+00	0.00E+00	2.98E-13	5.60E-12	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.85E-04	2.32E-01	0.00E+00	2.56E-11	8.52E-10	1.37E-04	4.20E-07	3.14E-04	0.00E+00	2.32E-01	6.56E-10	2.32E-01	2.33E-01	3.14E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-05
47431909	1.13E-04	1.68E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.10E-02	6.30E-09	4.99E-05	5.47E-04	0.00E+00	0.00E+00	2.95E-13	5.71E-12	4.09E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.90E-04	2.34E-01	0.00E+00	2.57E-11	8.65E-10	1.38E-04	4.20E-07	3.13E-04	0.00E+00	2.34E-01	6.61E-10	2.34E-01	2.35E-01	3.13E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-05
47431912	1.04E-04	1.66E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.09E-02	6.24E-09	4.89E-05	5.35E-04	0.00E+00	0.00E+00	2.93E-13	5.59E-12	4.09E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.85E-04	2.31E-01	0.00E+00	2.54E-11	8.52E-10	1.36E-04	4.18E-07	3.14E-04	0.00E+00	2.31E-01	6.54E-10	2.31E-01	2.33E-01	3.14E-04	0.00E+00	0.00E+00	0.00E+00	6.35E-05
47431913	1.10E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.16E-02	6.60E-09	5.02E-05	5.34E-04	0.00E+00	0.00E+00	3.09E-13	6.02E-12	4.24E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.26E-04	2.50E-01	0.00E+00	2.68E-11	8.87E-10	1.38E-04	4.52E-07	3.33E-04	0.00E+00	2.50E-01	6.90E-10	2.50E-01	2.50E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
47431914	1.04E-04	1.67E-02	4.57E-10	1.67E-02	2.05E-11	0.00E+00	1.10E-02	6.26E-09	4.89E-05	5.38E-04	0.00E+00	0.00E+00	2.97E-13	5.65E-12	4.10E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.86E-04	2.33E-01	0.00E+00	2.55E-11	8.51E-10	1.38E-04	4.19E-07	3.15E-04	0.00E+00	2.33E-01	6.59E-10	2.33E-01	2.34E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	6.39E-05
47431922	1.04E-04	1.66E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.09E-02	6.24E-09	4.89E-05	5.35E-04	0.00E+00	0.00E+00	2.93E-13	5.59E-12	4.09E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.85E-04	2.31E-01	0.00E+00	2.54E-11	8.52E-10	1.36E-04	4.18E-07	3.14E-04	0.00E+00	2.31E-01	6.54E-10	2.31E-01	2.33E-01	3.14E-04	0.00E+00	0.00E+00	0.00E+00	6.35E-05
47432003	1.02E-04	1.65E-02	4.57E-10	1.65E-02	2.05E-11	0.00E+00	1.08E-02	6.15E-09	4.77E-05	5.15E-04	0.00E+00	0.00E+00	2.90E-13	5.56E-12	4.09E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-06	5.97E-04	2.32E-01	0.00E+00	2.54E-11	8.20E-10	1.28E-04	4.23E-07	3.20E-04	0.00E+00	2.32E-01	6.47E-10	2.32E-01	2.32E-01	3.20E-04	0.00E+00	0.00E+00	0.00E+00	6.29E-05
47432007	1.04E-04	1.66E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.09E-02	6.24E-09	4.89E-05	5.35E-04	0.00E+00	0.00E+00	2.93E-13	5.59E-12	4.09E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.85E-04	2.31E-01	0.00E+00	2.54E-11	8.51E-10	1.36E-04	4.18E-07	3.14E-04	0.00E+00	2.31E-01	6.54E-10	2.31E-01	2.33E-01	3.14E-04	0.00E+00	0.00E+00	0.00E+00	6.35E-05
47432017	1.12E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.14E-02	6.51E-09	5.14E-05	5.66E-04	0.00E+00	0.00E+00	3.06E-13	5.92E-12	4.24E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.21E-04	2.48E-01	0.00E+00	2.66E-11	9.02E-10	1.45E-04	4.39E-07	3.31E-04	0.00E+00	2.48E-01	6.85E-10	2.48E-01	2.49E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
47432022	1.12E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.16E-02	6.59E-09	5.15E-05	5.60E-04	0.00E+00	0.00E+00	3.10E-13	6.02E-12	4.24E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.21E-04	2.48E-01	0.00E+00	2.68E-11	9.03E-10	1.45E-04	4.43E-07	3.31E-04	0.00E+00	2.48E-01	6.91E-10	2.48E-01	2.49E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
47432045	1.11E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.14E-02	6.56E-09	5.19E-05	5.69E-04	0.00E+00	0.00E+00	3.07E-13	5.94E-12	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.13E-04	2.44E-01	0.00E+00	2.68E-11	9.00E-10	1.44E-04	4.37E-07	3.25E-04	0.00E+00	2.44E-01	6.88E-10	2.44E-01	2.44E-01	3.25E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
47432089	1.05E-04	1.66E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.09E-02	6.23E-09	4.93E-05	5.41E-04	0.00E+00	0.00E+00	2.92E-13	5.65E-12	4.05E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.83E-04	2.32E-01	0.00E+00	2.55E-11	8.56E-10	1.37E-04	4.15E-07	3.09E-04	0.00E+00	2.32E-01	6.54E-10	2.32E-01	2.32E-01	3.09E-04	0.00E+00	0.00E+00	0.00E+00	6.31E-05
47436003	1.14E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.15E-02	6.67E-09	5.33E-05	5.68E-04	0.00E+00	0.00E+00	3.10E-13	5.99E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.13E-04	2.43E-01	0.00E+00	2.74E-11	9.20E-10	1.44E-04	4.36E-07	3.29E-04	0.00E+00	2.43E-01	6.91E-10	2.43E-01	2.44E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-05
47436007	1.14E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.15E-02	6.67E-09	5.33E-05	5.68E-04	0.00E+00	0.00E+00	3.10E-13	5.99E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.13E-04	2.43E-01	0.00E+00	2.74E-11	9.20E-10	1.44E-04	4.36E-07	3.29E-04	0.00E+00	2.43E-01	6.91E-10	2.43E-01	2.44E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-05
47436009	1.18E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	7.00E-09	5.54E-05	6.07E-04	0.00E+00	0.00E+00	3.25E-13	6.35E-12	4.50E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.52E-04	2.60E-01	0.00E+00	2.85E-11	9.62E-10	1.53E-04	4.64E-07	3.47E-04	0.00E+00	2.60E-01	7.30E-10	2.60E-01	2.62E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-05
47436012	1.14E-04	1.74E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.15E-02	6.65E-09	5.32E-05	5.65E-04	0.00E+00	0.00E+00	3.10E-13	5.98E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.10E-04	2.42E-01	0.00E+00	2.74E-11	9.18E-10	1.44E-04	4.34E-07	3.27E-04	0.00E+00	2.42E-01	6.89E-10	2.42E-01	2.43E-01	3.27E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
47436013	1.14E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.15E-02	6.67E-09	5.33E-05	5.68E-04	0.00E+00	0.00E+00	3.10E-13	5.99E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.13E-04	2.43E-01	0.00E+00	2.74E-11	9.20E-10	1.44E-04	4.36E-07	3.29E-04	0.00E+00	2.43E-01	6.91E-10	2.43E-01	2.44E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-05
47436014	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.16E-02	6.75E-09	5.34E-05	5.70E-04	0.00E+00	0.00E+00	3.13E-13	6.07E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.15E-04	2.44E-01	0.00E+00	2.79E-11	9.22E-10	1.45E-04	4.41E-07	3.32E-04	0.00E+00	2.44E-01	7.02E-10	2.44E-01	2.45E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
47436022	1.18E-04	1.84E-02	4.57E-10	1.84E-02	2.05E-11	0.00E+00	1.21E-02	6.97E-09	5.53E-05	6.04E-04	0.00E+00	0.00E+00	3.26E-13	6.29E-12	4.51E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.48E-04	2.58E-01	0.00E+00	2.84E-11	9.61E-10	1.52E-04	4.62E-07	3.46E-04	0.00E+00	2.58E-01	7.27E-10	2.58E-01	2.60E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	7.01E-05
47436039	1.14E-04	1.74E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.15E-02	6.63E-09	5.32E-05	5.66E-04	0.00E+00	0.00E+00	3.09E-13	5.98E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.10E-04	2.42E-01	0.00E+00	2.74E-11	9.18E-10	1.44E-04	4.34E-07	3.27E-04	0.00E+00	2.42E-01	6.89E-10	2.42E-01	2.43E-01	3.27E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
47436049	1.20E-04	1.90E-02	4.57E-10	1.90E-02	2.05E-11	0.00E+00	1.24E-02	7.13E-09	5.61E-05	6.18E-04	0.00E+00	0.00E+00	3.32E-13	6.46E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.66E-04	2.66E-01	0.00E+00	2.88E-11	9.74E-10	1.56E-04	4.74E-07	3.54E-04	0.00E+00	2.66E-01	7.43E-10	2.66E-01	2.67E-01	3.54E-04	0.00E+00	0.00E+00	0.00E+00	7.21E-05
47436069	1.19E-04	1.87E-02	4.57E-10	1.87E-02	2.05E-11	0.00E+00	1.23E-02	7.06E-09	5.55E-05	6.07E-04	0.00E+00	0.00E+00	3.29E-13	6.38E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.56E-04	2.62E-01	0.00E+00	2.86E-11	9.65E-10	1.54E-04	4.65E-07	3.49E-04	0.00E+00	2.62E-01	7.37E-10	2.62E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05
47436079	1.14E-04	1.74E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.15E-02	6.64E-09	5.32E-05	5.66E-04	0.00E+00	0.00E+00	3.09E-13	5.98E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.10E-04	2.42E-01	0.00E+00	2.74E-11	9.18E-10	1.44E-04	4.34E-07	3.27E-04	0.00E+00	2.42E-01	6.90E-10	2.42E-01	2.43E-01	3.27E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
47436084	1.22E-04	1.80E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.18E-02	6.76E-09	5.35E-05	5.87E-04	0.00E+00	0.00E+00	3.17E-13	6.13E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.33E-04	2.52E-01	0.00E+00	2.76E-11	9.29E-10	1.48E-04	4.51E-07	3.36E-04	0.00E+00	2.52E-01	7.10E-10	2.52E-01	2.52E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.85E-05
47436086	1.08E-04	1.70E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.11E-02	6.38E-09	5.05E-05	5.54E-04	0.00E+00	0.00E+00	2.99E-13	5.79E-12	4.14E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	5.97E-04	2.37E-01	0.00E+00	2.61E-11	8.76E-10	1.40E-04	4.25E-07	3.17E-04	0.00E+00	2.37E-01	6.70E-10	2.37E-01	2.38E-01	3.17E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-05
47436089	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.14E-02	6.50E-09	5.15E-05	5.65E-04	0.00E+00	0.00E+00	3.05E-13	5.89E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.09E-04	2.42E-01	0.00E+00	2.66E-11	8.93E-10	1.42E-04	4.33E-07	3.23E-04	0.00E+00	2.42E-01	6.83E-10	2.42E-01	2.42E-01	3.23E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
47438903	1.14E-04	1.73E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.15E-02	6.63E-09	5.31E-05	5.65E-04	0.00E+00	0.00E+00	3.09E-13	5.97E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.09E-04	2.41E-01	0.00E+00	2.74E-11	9.17E-10	1.43E-04	4.35E-07	3.26E-04	0.00E+00	2.41E-01	6.88E-10	2.41E-01	2.42E-01	3.26E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
47438907	1.03E-04	1.66E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.09E-02	6.23E-09	4.86E-05	5.36E-04	0.00E+00	0.00E+00	2.92E-13	5.65E-12	4.09E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.89E-04	2.32E-01	0.00E+00	2.55E-11	8.50E-10	1.36E-04	4.18E-07	3.13E-04	0.00E+00	2.32E-01	6.55E-10	2.32E-01	2.33E-01	3.13E-04	0.00E+00	0.00E+00	0.00E+00	6.32E-05
47438912	1.19E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.02E-09	5.56E-05	6.09E-04	0.00E+00	0.00E+00	3.29E-13	6.36E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.57E-04	2.61E-01	0.00E+00	2.87E-11	9.64E-10	1.54E-04	4.68E-07	3.48E-04	0.00E+00	2.61E-01	7.37E-10	2.61E-01	2.61E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-05
47438913	1.14E-04	1.73E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.15E-02	6.64E-09	5.31E-05	5.65E-04	0.00E+00	0.00E+00	3.09E-13	5.97E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.09E-04	2.41E-01	0.00E+00	2.74E-11	9.18E-10	1.43E-04	4.33E-07	3.26E-04	0.00E+00	2.41E-01	6.88E-10	2.41E-01	2.42E-01	3.26E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
47438914	1.14E-04	1.73E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.15E-02	6.63E-09	5.31E-05	5.65E-04	0.00E+00	0.00E+00	3.09E-13	5.97E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.09E-04	2.41E-01	0.00E+00	2.74E-11	9.17E-10	1.43E-04	4.35E-07	3.26E-04	0.00E+00	2.41E-01	6.88E-10	2.41E-01	2.42E-01	3.26E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
47438922	1.07E-04	1.69E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.11E-02	6.34E-09	5.02E-05	5.50E-04	0.00E+00	0.00E+00	2.97E-13	5.74E-12	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-06	5.93E-04	2.36E-01	0.00E+00	2.59E-11	8.70E-10	1.39E-04	4.22E-07	3.15E-04	0.00E+00	2.36E-01	6.65E-10	2.36E-01	2.36E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-05
47438982	1.18E-04	1.86E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.22E-02	6.97E-09	5.52E-05	6.05E-04	0.00E+00	0.00E+00	3.27E-13	6.32E-12	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.52E-04	2.59E-01	0.00E+00	2.85E-11	9.57E-10	1.53E-04	4.65E-07	3.46E-04	0.00E+00	2.59E-01	7.31E-10	2.59E-01	2.60E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05
47438989	1.21E-04	1.79E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.17E-02	6.71E-09	5.31E-05	5.83E-04	0.00E+00	0.00E+00	3.15E-13	6.09E-12	4.36E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.28E-04	2.50E-01	0.00E+00	2.74E-11	9.22E-10	1.47E-04	4.47E-07	3.33E-04	0.00E+00	2.50E-01	7.05E-10	2.50E-01	2.50E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
47441404	1.15E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.17E-02	6.73E-09	5.32E-05	5.83E-04	0.00E+00	0.00E+00	3.14E-13	6.06E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.31E-04	2.50E-01	0.00E+00	2.73E-11	9.18E-10	1.46E-04	4.48E-07	3.36E-04	0.00E+00	2.50E-01	7.05E-10	2.50E-01	2.51E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05
47441606	1.22E-04	1.81E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.19E-02	6.81E-09	5.39E-05	5.91E-04	0.00E+00	0.00E+00	3.19E-13	6.17E-12	4.42E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.37E-04	2.53E-01	0.00E+00	2.78E-11	9.35E-10	1.49E-04	4.54E-07	3.38E-04	0.00E+00	2.53E-01	7.14E-10	2.53E-01	2.53E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.89E-05
47441909	1.11E-04	1.74E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.15E-02	6.56E-09	5.14E-05	5.46E-04	0.00E+00	0.00E+00	3.05E-13	5.97E-12	4.24E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.20E-04	2.46E-01	0.00E+00	2.67E-11	8.94E-10	1.40E-04	4.43E-07	3.29E-04	0.00E+00	2.46E-01	6.82E-10	2.46E-01	2.46E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
47441949	1.15E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.16E-02	6.67E-09	5.25E-05	5.75E-04	0.00E+00	0.00E+00	3.12E-13	6.04E-12	4.32E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.27E-04	2.49E-01	0.00E+00	2.70E-11	9.08E-10	1.45E-04	4.46E-07	3.35E-04	0.00E+00	2.49E-01	6.96E-10	2.49E-01	2.50E-01	3.35E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05
47442045	1.47E-04	2.18E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.43E-02	8.19E-09	6.48E-05	7.11E-04	0.00E+00	0.00E+00	3.84E-13	7.42E-12	5.32E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.66E-04	3.05E-01	0.00E+00	3.35E-11	1.12E-09	1.79E-04	5.46E-07	4.06E-04	0.00E+00	3.05E-01	8.60E-10	3.05E-01	3.05E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
47442079	1.17E-04	1.82E-02	4.57E-10	1.82E-02	2.05E-11	0.00E+00	1.18E-02	6.86E-09	5.50E-05	5.98E-04	0.00E+00	0.00E+00	3.18E-13	6.17E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.43E-04	2.55E-01	0.00E+00	2.81E-11	9.54E-10	1.51E-04	4.59E-07	3.40E-04	0.00E+00	2.55E-01	7.15E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-05
47442089	1.24E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.87E-09	5.44E-05	5.97E-04	0.00E+00	0.00E+00	3.22E-13	6.23E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.43E-04	2.56E-01	0.00E+00	2.81E-11	9.44E-10	1.50E-04	4.58E-07	3.41E-04	0.00E+00	2.56E-01	7.21E-10	2.56E-01	2.56E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-05
47446084	1.15E-04	1.76E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.16E-02	6.72E-09	5.33E-05	5.73E-04	0.00E+00	0.00E+00	3.11E-13	6.02E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.18E-04	2.47E-01	0.00E+00	2.75E-11	9.21E-10	1.45E-04	4.40E-07	3.30E-04	0.00E+00	2.47E-01	6.94E-10	2.47E-01	2.48E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-05
47446086	1.18E-04	1.83E-02	4.57E-10	1.83E-02	2.05E-11	0.00E+00	1.20E-02	6.91E-09	5.48E-05	6.00E-04	0.00E+00	0.00E+00	3.21E-13	6.28E-12	4.49E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-06	6.45E-04	2.57E-01	0.00E+00	2.83E-11	9.52E-10	1.51E-04	4.59E-07	3.45E-04	0.00E+00	2.57E-01	7.22E-10	2.57E-01	2.57E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.00E-05
47446089	1.14E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.16E-02	6.73E-09	5.33E-05	5.71E-04	0.00E+00	0.00E+00	3.11E-13	6.02E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.22E-04	2.46E-01	0.00E+00	2.75E-11	9.20E-10	1.45E-04	4.45E-07	3.34E-04	0.00E+00	2.46E-01	6.94E-10	2.46E-01	2.47E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
47448982	1.14E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.15E-02	6.60E-09	5.24E-05	5.68E-04	0.00E+00	0.00E+00	3.09E-13	5.98E-12	4.32E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.22E-04	2.46E-01	0.00E+00	2.70E-11	9.08E-10	1.44E-04	4.45E-07	3.33E-04	0.00E+00	2.46E-01	6.89E-10	2.46E-01	2.47E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
47448989	1.11E-04	1.76E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.15E-02	6.60E-09	5.22E-05	5.73E-04	0.00E+00	0.00E+00	3.09E-13	5.98E-12	4.28E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.17E-04	2.45E-01	0.00E+00	2.70E-11	9.06E-10	1.44E-04	4.40E-07	3.27E-04	0.00E+00	2.45E-01	6.92E-10	2.45E-01	2.46E-01	3.27E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
474520	9.30E-05	1.47E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	9.62E-03	5.51E-09	4.36E-05	4.78E-04	0.00E+00	0.00E+00	2.58E-13	4.99E-12	3.58E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.16E-04	2.05E-01	0.00E+00	2.25E-11	7.56E-10	1.21E-04	3.67E-07	2.73E-04	0.00E+00	2.05E-01	5.78E-10	2.05E-01	2.05E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.58E-05
47452045	1.04E-04	1.64E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	1.08E-02	6.16E-09	4.87E-05	5.35E-04	0.00E+00	0.00E+00	2.89E-13	5.58E-12	4.00E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-06	5.76E-04	2.29E-01	0.00E+00	2.52E-11	8.46E-10	1.35E-04	4.10E-07	3.06E-04	0.00E+00	2.29E-01	6.46E-10	2.29E-01	2.29E-01	3.06E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-05
474521	9.41E-05	1.48E-02	0.00E+00	1.48E-02	0.00E+00	0.00E+00	9.74E-03	5.57E-09	4.41E-05	4.84E-04	0.00E+00	0.00E+00	2.61E-13	5.05E-12	3.62E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-06	5.22E-04	2.07E-01	0.00E+00	2.28E-11	7.65E-10	1.22E-04	3.72E-07	2.77E-04	0.00E+00	2.07E-01	5.85E-10	2.07E-01	2.08E-01	2.77E-04	0.00E+00	0.00E+00	0.00E+00	5.64E-05
47461404	1.15E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.16E-02	6.73E-09	5.31E-05	5.81E-04	0.00E+00	0.00E+00	3.12E-13	6.02E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.30E-04	2.50E-01	0.00E+00	2.73E-11	9.17E-10	1.46E-04	4.48E-07	3.34E-04	0.00E+00	2.50E-01	7.06E-10	2.50E-01	2.51E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-05
47461606	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.15E-02	6.61E-09	5.26E-05	5.71E-04	0.00E+00	0.00E+00	3.08E-13	5.97E-12	4.32E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.17E-04	2.46E-01	0.00E+00	2.69E-11	9.11E-10	1.44E-04	4.40E-07	3.27E-04	0.00E+00	2.46E-01	6.89E-10	2.46E-01	2.47E-01	3.27E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
47461909	1.17E-04	1.77E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.88E-09	5.39E-05	5.80E-04	0.00E+00	0.00E+00	3.17E-13	6.11E-12	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.32E-04	2.51E-01	0.00E+00	2.81E-11	9.34E-10	1.47E-04	4.57E-07	3.43E-04	0.00E+00	2.51E-01	7.11E-10	2.51E-01	2.50E-01	3.43E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05
47466084	1.18E-04	1.83E-02	4.57E-10	1.83E-02	2.05E-11	0.00E+00	1.18E-02	6.90E-09	5.52E-05	6.00E-04	0.00E+00	0.00E+00	3.16E-13	6.10E-12	4.49E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.45E-04	2.56E-01	0.00E+00	2.81E-11	9.57E-10	1.51E-04	4.58E-07	3.39E-04	0.00E+00	2.56E-01	7.17E-10	2.56E-01	2.57E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-05
47466086	1.17E-04	1.81E-02	4.57E-10	1.81E-02	2.05E-11	0.00E+00	1.17E-02	6.83E-09	5.44E-05	5.94E-04	0.00E+00	0.00E+00	3.15E-13	6.07E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.40E-04	2.54E-01	0.00E+00	2.80E-11	9.44E-10	1.48E-04	4.57E-07	3.38E-04	0.00E+00	2.54E-01	7.15E-10	2.54E-01	2.54E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-05
47466089	1.17E-04	1.82E-02	4.57E-10	1.82E-02	2.05E-11	0.00E+00	1.18E-02	6.90E-09	5.50E-05	5.97E-04	0.00E+00	0.00E+00	3.18E-13	6.15E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.47E-04	2.55E-01	0.00E+00	2.81E-11	9.53E-10	1.51E-04	4.64E-07	3.44E-04	0.00E+00	2.55E-01	7.18E-10	2.55E-01	2.55E-01	3.44E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-05
47468982	1.17E-04	1.79E-02	4.57E-10	1.79E-02	2.05E-11	0.00E+00	1.17E-02	6.82E-09	5.39E-05	5.91E-04	0.00E+00	0.00E+00	3.15E-13	6.08E-12	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.35E-04	2.50E-01	0.00E+00	2.79E-11	9.34E-10	1.47E-04	4.61E-07	3.38E-04	0.00E+00	2.50E-01	7.12E-10	2.50E-01	2.50E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.92E-05
47468989	1.20E-04	1.90E-02	4.57E-10	1.90E-02	2.05E-11	0.00E+00	1.25E-02	7.17E-09	5.62E-05	6.14E-04	0.00E+00	0.00E+00	3.35E-13	6.47E-12	4.59E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.71E-04	2.65E-01	0.00E+00	2.91E-11	9.80E-10	1.56E-04	4.74E-07	3.53E-04	0.00E+00	2.65E-01	7.48E-10	2.65E-01	2.65E-01	3.53E-04	0.00E+00	0.00E+00	0.00E+00	7.19E-05
47477103	1.27E-04	1.96E-02	4.57E-10	1.97E-02	2.05E-11	0.00E+00	1.29E-02	7.41E-09	5.81E-05	6.34E-04	0.00E+00	0.00E+00	3.47E-13	6.66E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.89E-04	2.73E-01	0.00E+00	3.00E-11	1.01E-09	1.60E-04	4.87E-07	3.64E-04	0.00E+00	2.73E-01	7.78E-10	2.73E-01	2.74E-01	3.64E-04	0.00E+00	0.00E+00	0.00E+00	7.41E-05

47477104	1.38E-04	2.15E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.41E-02	8.05E-09	6.39E-05	7.02E-04	0.00E+00	0.00E+00	3.79E-13	7.28E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.48E-04	2.98E-01	0.00E+00	3.27E-11	1.11E-09	1.76E-04	5.36E-07	4.01E-04	0.00E+00	2.98E-01	8.44E-10	2.98E-01	3.00E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-05
47477106	1.17E-04	1.79E-02	4.57E-10	1.79E-02	2.05E-11	0.00E+00	1.17E-02	6.80E-09	5.40E-05	5.91E-04	0.00E+00	0.00E+00	3.16E-13	6.10E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.37E-04	2.51E-01	0.00E+00	2.80E-11	9.34E-10	1.47E-04	4.60E-07	3.42E-04	0.00E+00	2.51E-01	7.10E-10	2.51E-01	2.51E-01	3.42E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-05
47477109	1.21E-04	1.93E-02	4.57E-10	1.92E-02	2.05E-11	0.00E+00	1.26E-02	7.22E-09	5.65E-05	6.27E-04	0.00E+00	0.00E+00	3.37E-13	6.56E-12	4.59E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.81E-04	2.69E-01	0.00E+00	2.92E-11	9.83E-10	1.58E-04	4.93E-07	3.60E-04	0.00E+00	2.69E-01	7.59E-10	2.69E-01	2.68E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.30E-05
47487103	1.19E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	7.01E-09	5.60E-05	6.04E-04	0.00E+00	0.00E+00	3.26E-13	6.34E-12	4.57E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.60E-04	2.60E-01	0.00E+00	2.88E-11	9.75E-10	1.53E-04	4.71E-07	3.51E-04	0.00E+00	2.60E-01	7.35E-10	2.60E-01	2.61E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05
47487104	1.38E-04	2.15E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.41E-02	8.05E-09	6.39E-05	7.01E-04	0.00E+00	0.00E+00	3.78E-13	7.28E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.48E-04	2.98E-01	0.00E+00	3.27E-11	1.11E-09	1.76E-04	5.36E-07	4.01E-04	0.00E+00	2.98E-01	8.44E-10	2.98E-01	3.00E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-05
47487106	1.17E-04	1.79E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.17E-02	6.80E-09	5.40E-05	5.90E-04	0.00E+00	0.00E+00	3.13E-13	6.06E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.36E-04	2.51E-01	0.00E+00	2.79E-11	9.33E-10	1.47E-04	4.60E-07	3.41E-04	0.00E+00	2.51E-01	7.11E-10	2.51E-01	2.51E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.89E-05
47487109	1.19E-04	1.87E-02	4.57E-10	1.87E-02	2.05E-11	0.00E+00	1.23E-02	7.06E-09	5.61E-05	6.09E-04	0.00E+00	0.00E+00	3.28E-13	6.38E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.64E-04	2.62E-01	0.00E+00	2.89E-11	9.76E-10	1.54E-04	4.73E-07	3.53E-04	0.00E+00	2.62E-01	7.38E-10	2.62E-01	2.62E-01	3.53E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-05
47491404	1.11E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.15E-02	6.60E-09	5.14E-05	5.53E-04	0.00E+00	0.00E+00	3.06E-13	5.94E-12	4.24E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.23E-04	2.46E-01	0.00E+00	2.68E-11	8.85E-10	1.44E-04	4.48E-07	3.29E-04	0.00E+00	2.46E-01	6.83E-10	2.46E-01	2.46E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
47491606	1.09E-04	1.76E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.16E-02	6.64E-09	5.05E-05	5.47E-04	0.00E+00	0.00E+00	3.10E-13	6.02E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.24E-04	2.47E-01	0.00E+00	2.66E-11	8.86E-10	1.42E-04	4.38E-07	3.26E-04	0.00E+00	2.47E-01	6.92E-10	2.47E-01	2.47E-01	3.26E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
47491909	1.07E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.15E-02	6.62E-09	4.89E-05	5.16E-04	0.00E+00	0.00E+00	3.09E-13	6.01E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.28E-04	2.48E-01	0.00E+00	2.66E-11	8.66E-10	1.34E-04	4.45E-07	3.30E-04	0.00E+00	2.48E-01	6.94E-10	2.48E-01	2.47E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
47496084	1.25E-04	1.95E-02	4.57E-10	1.95E-02	2.05E-11	0.00E+00	1.29E-02	7.35E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.47E-13	6.70E-12	4.72E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.89E-04	2.73E-01	0.00E+00	3.00E-11	1.01E-09	1.60E-04	4.85E-07	3.65E-04	0.00E+00	2.73E-01	7.73E-10	2.73E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
47496086	1.21E-04	1.93E-02	4.57E-10	1.93E-02	2.05E-11	0.00E+00	1.27E-02	7.22E-09	5.66E-05	6.28E-04	0.00E+00	0.00E+00	3.39E-13	6.59E-12	4.60E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.77E-04	2.70E-01	0.00E+00	2.93E-11	9.84E-10	1.58E-04	4.83E-07	3.59E-04	0.00E+00	2.70E-01	7.57E-10	2.70E-01	2.70E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.35E-05
47496089	1.09E-04	1.71E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.12E-02	6.43E-09	5.09E-05	5.59E-04	0.00E+00	0.00E+00	3.01E-13	5.83E-12	4.18E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-06	6.02E-04	2.39E-01	0.00E+00	2.63E-11	8.84E-10	1.41E-04	4.29E-07	3.19E-04	0.00E+00	2.39E-01	6.75E-10	2.39E-01	2.40E-01	3.19E-04	0.00E+00	0.00E+00	0.00E+00	6.51E-05
47498982	1.17E-04	1.81E-02	4.57E-10	1.81E-02	2.05E-11	0.00E+00	1.18E-02	6.88E-09	5.40E-05	5.96E-04	0.00E+00	0.00E+00	3.18E-13	6.13E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.36E-04	2.52E-01	0.00E+00	2.80E-11	9.36E-10	1.48E-04	4.58E-07	3.39E-04	0.00E+00	2.52E-01	7.21E-10	2.52E-01	2.52E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
47498989	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.71E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.54E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.75E-04	2.68E-01	0.00E+00	2.95E-11	9.91E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.68E-01	7.57E-10	2.68E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
47501404	1.05E-04	1.73E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.14E-02	6.50E-09	4.84E-05	5.42E-04	0.00E+00	0.00E+00	3.01E-13	5.92E-12	4.20E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.36E-04	2.47E-01	0.00E+00	2.66E-11	8.32E-10	1.32E-04	4.81E-07	3.40E-04	0.00E+00	2.47E-01	6.81E-10	2.47E-01	2.47E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-05
47501606	1.05E-04	1.66E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.11E-02	6.33E-09	4.89E-05	5.41E-04	0.00E+00	0.00E+00	2.98E-13	5.61E-12	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.86E-04	2.32E-01	0.00E+00	2.55E-11	8.52E-10	1.37E-04	4.20E-07	3.15E-04	0.00E+00	2.32E-01	6.57E-10	2.32E-01	2.33E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	6.37E-05
47501902	1.13E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.16E-02	6.58E-09	5.14E-05	5.61E-04	0.00E+00	0.00E+00	3.09E-13	6.01E-12	4.24E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.19E-04	2.48E-01	0.00E+00	2.68E-11	9.01E-10	1.44E-04	4.44E-07	3.29E-04	0.00E+00	2.48E-01	6.89E-10	2.48E-01	2.48E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
47501903	4.46E-04	1.67E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.09E-02	6.31E-09	7.32E-05	7.59E-04	0.00E+00	0.00E+00	2.97E-13	5.78E-12	4.13E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.99E-04	2.33E-01	0.00E+00	2.57E-11	1.50E-09	1.84E-04	4.33E-07	3.22E-04	0.00E+00	2.33E-01	6.52E-10	2.33E-01	2.32E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-05
47501907	1.13E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.16E-02	6.60E-09	5.14E-05	5.61E-04	0.00E+00	0.00E+00	3.09E-13	6.03E-12	4.25E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.21E-04	2.48E-01	0.00E+00	2.68E-11	9.02E-10	1.45E-04	4.45E-07	3.31E-04	0.00E+00	2.48E-01	6.90E-10	2.48E-01	2.49E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
47501909	1.02E-04	1.66E-02	4.57E-10	1.65E-02	2.05E-11	0.00E+00	1.09E-02	6.24E-09	4.78E-05	5.23E-04	0.00E+00	0.00E+00	2.95E-13	5.58E-12	4.11E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.92E-04	2.32E-01	0.00E+00	2.56E-11	8.20E-10	1.29E-04	4.25E-07	3.16E-04	0.00E+00	2.32E-01	6.50E-10	2.32E-01	2.32E-01	3.16E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-05
47501913	4.52E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.15E-02	6.60E-09	7.54E-05	7.88E-04	0.00E+00	0.00E+00	3.08E-13	6.16E-12	4.24E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.29E-04	2.45E-01	0.00E+00	2.68E-11	1.56E-09	1.95E-04	4.50E-07	3.30E-04	0.00E+00	2.45E-01	6.86E-10	2.45E-01	2.45E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
47501914	1.04E-04	1.64E-02	4.57E-10	1.64E-02	2.05E-11	0.00E+00	1.08E-02	6.11E-09	4.78E-05	5.25E-04	0.00E+00	0.00E+00	2.88E-13	5.54E-12	4.01E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-06	5.73E-04	2.29E-01	0.00E+00	2.51E-11	8.31E-10	1.34E-04	4.09E-07	3.06E-04	0.00E+00	2.29E-01	6.43E-10	2.29E-01	2.29E-01	3.06E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-05
47501915	4.47E-04	1.68E-02	4.57E-10	1.67E-02	2.05E-11	0.00E+00	1.11E-02	6.40E-09	7.41E-05	7.80E-04	0.00E+00	0.00E+00	3.00E-13	5.81E-12	4.13E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-06	5.92E-04	2.32E-01	0.00E+00	2.57E-11	1.53E-09	1.92E-04	4.28E-07	3.20E-04	0.00E+00	2.32E-01	6.60E-10	2.32E-01	2.33E-01	3.20E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-05
47501924	4.46E-04	1.65E-02	4.57E-10	1.64E-02	2.05E-11	0.00E+00	1.08E-02	6.25E-09	7.40E-05	7.76E-04	0.00E+00	0.00E+00	2.89E-13	5.75E-12	4.04E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.79E-04	2.28E-01	0.00E+00	2.53E-11	1.53E-09	1.89E-04	4.21E-07	3.11E-04	0.00E+00	2.28E-01	6.48E-10	2.28E-01	2.28E-01	3.11E-04	0.00E+00	0.00E+00	0.00E+00	6.28E-05
47506002	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.17E-02	6.81E-09	5.39E-05	5.91E-04	0.00E+00	0.00E+00	3.14E-13	6.09E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.29E-04	2.50E-01	0.00E+00	2.79E-11	9.33E-10	1.46E-04	4.57E-07	3.36E-04	0.00E+00	2.50E-01	7.13E-10	2.50E-01	2.49E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-05
47506003	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.17E-02	6.80E-09	5.39E-05	5.91E-04	0.00E+00	0.00E+00	3.14E-13	6.09E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.29E-04	2.50E-01	0.00E+00	2.79E-11	9.33E-10	1.46E-04	4.57E-07	3.36E-04	0.00E+00	2.50E-01	7.12E-10	2.50E-01	2.49E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-05
47506007	1.14E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.15E-02	6.73E-09	5.33E-05	5.66E-04	0.00E+00	0.00E+00	3.10E-13	6.00E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.12E-04	2.43E-01	0.00E+00	2.78E-11	9.20E-10	1.43E-04	4.39E-07	3.30E-04	0.00E+00	2.43E-01	7.01E-10	2.43E-01	2.43E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
47506013	1.16E-04	1.82E-02	4.57E-10	1.82E-02	2.05E-11	0.00E+00	1.18E-02	6.84E-09	5.44E-05	5.96E-04	0.00E+00	0.00E+00	3.17E-13	6.12E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.40E-04	2.54E-01	0.00E+00	2.81E-11	9.44E-10	1.48E-04	4.59E-07	3.40E-04	0.00E+00	2.54E-01	7.19E-10	2.54E-01	2.54E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-05
47506014	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.17E-02	6.80E-09	5.39E-05	5.91E-04	0.00E+00	0.00E+00	3.14E-13	6.09E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.29E-04	2.50E-01	0.00E+00	2.79E-11	9.33E-10	1.46E-04	4.57E-07	3.36E-04	0.00E+00	2.50E-01	7.12E-10	2.50E-01	2.49E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-05
47506015	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.16E-02	6.81E-09	5.39E-05	5.90E-04	0.00E+00	0.00E+00	3.13E-13	6.08E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.28E-04	2.49E-01	0.00E+00	2.79E-11	9.32E-10	1.45E-04	4.56E-07	3.36E-04	0.00E+00	2.49E-01	7.12E-10	2.49E-01	2.48E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.89E-05
47506084	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.15E-02	6.68E-09	5.33E-05	5.68E-04	0.00E+00	0.00E+00	3.10E-13	6.00E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.14E-04	2.44E-01	0.00E+00	2.78E-11	9.20E-10	1.44E-04	4.39E-07	3.30E-04	0.00E+00	2.44E-01	7.01E-10	2.44E-01	2.44E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
47506086	1.20E-04	1.90E-02	4.57E-10	1.90E-02	2.05E-11	0.00E+00	1.25E-02	7.09E-09	5.63E-05	6.11E-04	0.00E+00	0.00E+00	3.33E-13	6.45E-12	4.58E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.68E-04	2.65E-01	0.00E+00	2.91E-11	9.79E-10	1.56E-04	4.69E-07	3.52E-04	0.00E+00	2.65E-01	7.45E-10	2.65E-01	2.66E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	7.16E-05
47506089	1.09E-04	1.71E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.12E-02	6.44E-09	5.10E-05	5.59E-04	0.00E+00	0.00E+00	3.02E-13	5.84E-12	4.18E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-06	6.03E-04	2.40E-01	0.00E+00	2.63E-11	8.84E-10	1.41E-04	4.29E-07	3.20E-04	0.00E+00	2.40E-01	6.76E-10	2.40E-01	2.40E-01	3.20E-04	0.00E+00	0.00E+00	0.00E+00	6.52E-05
47508902	1.21E-04	1.93E-02	4.57E-10	1.93E-02	2.05E-11	0.00E+00	1.27E-02	7.26E-09	5.65E-05	6.25E-04	0.00E+00	0.00E+00	3.41E-13	6.62E-12	4.60E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.78E-04	2.70E-01	0.00E+00	2.93E-11	9.84E-10	1.58E-04	4.85E-07	3.60E-04	0.00E+00	2.70E-01	7.58E-10	2.70E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-05
47508903	1.19E-04	1.87E-02	4.57E-10	1.87E-02	2.05E-11	0.00E+00	1.22E-02	7.09E-09	5.54E-05	6.06E-04	0.00E+00	0.00E+00	3.29E-13	6.38E-12	4.54E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.55E-04	2.62E-01	0.00E+00	2.86E-11	9.63E-10	1.54E-04	4.66E-07	3.48E-04	0.00E+00	2.62E-01	7.35E-10	2.62E-01	2.63E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.07E-05
47508907	1.03E-04	1.62E-02	4.57E-10	1.62E-02	2.05E-11	0.00E+00	1.06E-02	6.08E-09	4.75E-05	5.20E-04	0.00E+00	0.00E+00	2.83E-13	5.49E-12	4.00E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-06	5.69E-04	2.26E-01	0.00E+00	2.50E-11	8.30E-10	1.32E-04	4.06E-07	3.03E-04	0.00E+00	2.26E-01	6.34E-10	2.26E-01	2.27E-01	3.03E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-05
47508913	4.55E-04	1.74E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.15E-02	6.67E-09	7.77E-05	8.06E-04	0.00E+00	0.00E+00	3.09E-13	6.13E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.18E-04	2.41E-01	0.00E+00	2.75E-11	1.59E-09	2.02E-04	4.39E-07	3.28E-04	0.00E+00	2.41E-01	6.89E-10	2.41E-01	2.42E-01	3.28E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-05
47508914	4.55E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.16E-02	6.75E-09	7.78E-05	8.09E-04	0.00E+00	0.00E+00	3.12E-13	6.21E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.17E-04	2.43E-01	0.00E+00	2.78E-11	1.60E-09	2.02E-04	4.45E-07	3.32E-04	0.00E+00	2.43E-01	7.08E-10	2.43E-01	2.43E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.67E-05
47508915	4.55E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.16E-02	6.75E-09	7.78E-05	8.09E-04	0.00E+00	0.00E+00	3.13E-13	6.22E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.17E-04	2.43E-01	0.00E+00	2.79E-11	1.60E-09	2.02E-04	4.44E-07	3.32E-04	0.00E+00	2.43E-01	7.08E-10	2.43E-01	2.43E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.67E-05
47508924	4.58E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	6.99E-09	8.03E-05	8.41E-04	0.00E+00	0.00E+00	3.27E-13	6.55E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.53E-04	2.58E-01	0.00E+00	2.84E-11	1.64E-09	2.10E-04	4.64E-07	3.47E-04	0.00E+00	2.58E-01	7.32E-10	2.58E-01	2.59E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-05
47508982	1.14E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.15E-02	6.75E-09	5.32E-05	5.66E-04	0.00E+00	0.00E+00	3.11E-13	6.02E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.12E-04	2.43E-01	0.00E+00	2.78E-11	9.19E-10	1.43E-04	4.41E-07	3.30E-04	0.00E+00	2.43E-01	7.03E-10	2.43E-01	2.43E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05
47508989	1.21E-04	1.90E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.25E-02	7.14E-09	5.65E-05	6.20E-04	0.00E+00	0.00E+00	3.34E-13	6.47E-12	4.63E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.68E-04	2.65E-01	0.00E+00	2.92E-11	9.80E-10	1.56E-04	4.76E-07	3.54E-04	0.00E+00	2.65E-01	7.49E-10	2.65E-01	2.66E-01	3.54E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-05
47511909	1.21E-04	1.80E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.18E-02	6.75E-09	5.34E-05	5.86E-04	0.00E+00	0.00E+00	3.16E-13	6.12E-12	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.32E-04	2.51E-01	0.00E+00	2.76E-11	9.27E-10	1.48E-04	4.50E-07	3.35E-04	0.00E+00	2.51E-01	7.08E-10	2.51E-01	2.51E-01	3.35E-04	0.00E+00	0.00E+00	0.00E+00	6.83E-05
47512045	1.11E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.15E-02	6.57E-09	5.20E-05	5.70E-04	0.00E+00	0.00E+00	3.08E-13	5.95E-12	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.15E-04	2.44E-01	0.00E+00	2.68E-11	9.02E-10	1.44E-04	4.38E-07	3.26E-04	0.00E+00	2.44E-01	6.89E-10	2.44E-01	2.45E-01	3.26E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
47512089	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.50E-09	5.14E-05	5.64E-04	0.00E+00	0.00E+00	3.04E-13	5.89E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.08E-04	2.42E-01	0.00E+00	2.66E-11	8.92E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.42E-01	6.82E-10	2.42E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
47516039	1.27E-04	2.01E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.31E-02	7.54E-09	5.90E-05	6.50E-04	0.00E+00	0.00E+00	3.53E-13	6.76E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.01E-04	2.77E-01	0.00E+00	3.04E-11	1.02E-09	1.63E-04	4.98E-07	3.72E-04	0.00E+00	2.77E-01	7.86E-10	2.77E-01	2.77E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05
47516059	1.27E-04	2.00E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.31E-02	7.53E-09	5.90E-05	6.48E-04	0.00E+00	0.00E+00	3.53E-13	6.75E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.00E-04	2.77E-01	0.00E+00	3.04E-11	1.02E-09	1.63E-04	4.98E-07	3.72E-04	0.00E+00	2.77E-01	7.85E-10	2.77E-01	2.77E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05
47516064	1.19E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	6.97E-09	5.61E-05	6.04E-04	0.00E+00	0.00E+00	3.26E-13	6.32E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.57E-04	2.60E-01	0.00E+00	2.88E-11	9.75E-10	1.54E-04	4.64E-07	3.47E-04	0.00E+00	2.60E-01	7.33E-10	2.60E-01	2.61E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	7.07E-05
47516066	1.16E-04	1.84E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.20E-02	6.90E-09	5.46E-05	5.99E-04	0.00E+00	0.00E+00	3.23E-13	6.25E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-06	6.46E-04	2.57E-01	0.00E+00	2.82E-11	9.47E-10	1.51E-04	4.60E-07	3.42E-04	0.00E+00	2.57E-01	7.24E-10	2.57E-01	2.57E-01	3.42E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-05
47516069	1.27E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.53E-09	5.96E-05	6.54E-04	0.00E+00	0.00E+00	3.53E-13	6.83E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.05E-04	2.80E-01	0.00E+00	3.08E-11	1.03E-09	1.65E-04	5.02E-07	3.74E-04	0.00E+00	2.80E-01	7.91E-10	2.80E-01	2.81E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-05
47516072	1.19E-04	1.87E-02	4.57E-10	1.87E-02	2.05E-11	0.00E+00	1.23E-02	7.02E-09	5.61E-05	6.08E-04	0.00E+00	0.00E+00	3.28E-13	6.36E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.58E-04	2.61E-01	0.00E+00	2.88E-11	9.75E-10	1.55E-04	4.66E-07	3.48E-04	0.00E+00	2.61E-01	7.37E-10	2.61E-01	2.61E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-05
47516074	1.19E-04	1.87E-02	4.57E-10	1.87E-02	2.05E-11	0.00E+00	1.22E-02	6.98E-09	5.61E-05	6.05E-04	0.00E+00	0.00E+00	3.26E-13	6.31E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.58E-04	2.61E-01	0.00E+00	2.88E-11	9.75E-10	1.54E-04	4.64E-07	3.47E-04	0.00E+00	2.61E-01	7.33E-10	2.61E-01	2.61E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	7.07E-05
47516076	1.24E-04	1.91E-02	4.57E-10	1.91E-02	2.05E-11	0.00E+00	1.26E-02	7.28E-09	5.74E-05	6.30E-04	0.00E+00	0.00E+00	3.42E-13	6.56E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.79E-04	2.69E-01	0.00E+00	2.98E-11	1.00E-09	1.58E-04	4.70E-07	3.58E-04	0.00E+00	2.69E-01	7.72E-10	2.69E-01	2.70E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.24E-05
47516079	1.19E-04	1.87E-02	4.57E-10	1.87E-02	2.05E-11	0.00E+00	1.22E-02	7.01E-09	5.61E-05	6.08E-04	0.00E+00	0.00E+00	3.28E-13	6.34E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.62E-04	2.61E-01	0.00E+00	2.88E-11	9.75E-10	1.54E-04	4.66E-07	3.51E-04	0.00E+00	2.61E-01	7.35E-10	2.61E-01	2.62E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	7.10E-05
47516084	1.36E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.54E-09	5.96E-05	6.54E-04	0.00E+00	0.00E+00	3.53E-13	6.83E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.05E-04	2.80E-01	0.00E+00	3.08E-11	1.03E-09	1.65E-04	5.02E-07	3.74E-04	0.00E+00	2.80E-01	7.91E-10	2.80E-01	2.81E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-05
47516086	1.27E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.31E-02	7.52E-09	5.95E-05	6.53E-04	0.00E+00	0.00E+00	3.52E-13	6.82E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.04E-04	2.80E-01	0.00E+00	3.07E-11	1.03E-09	1.65E-04	5.01E-07	3.73E-04	0.00E+00	2.80E-01	7.90E-10	2.80E-01	2.80E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-05
47516089	1.36E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.54E-09	5.96E-05	6.54E-04	0.00E+00	0.00E+00	3.53E-13	6.83E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.05E-04	2.80E-01	0.00E+00	3.08E-11	1.03E-09	1.65E-04	5.02E-07	3.74E-04	0.00E+00	2.80E-01	7.91E-10	2.80E-01	2.81E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-05
47517103	1.38E-04	2.15E-02	4.57E-10	2.15E-02	2.05E-11	0.00E+00	1.41E-02	8.06E-09	6.39E-05	7.02E-04	0.00E+00	0.00E+00	3.79E-13	7.29E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.44E-04	2.98E-01	0.00E+00	3.27E-11	1.11E-09	1.77E-04	5.37E-07	4.01E-04	0.00E+00	2.98E-01	8.45E-10	2.98E-01	3.00E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-05
47517104	1.37E-04	2.15E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	1.41E-02	8.09E-09	6.40E-05	7.02E-04	0.00E+00	0.00E+00	3.79E-13	7.33E-12	5.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.57E-04	3.01E-01	0.00E+00	3.31E-11	1.11E-09	1.77E-04	5.39E-07	4.01E-04	0.00E+00	3.01E-01	8.49E-10	3.01E-01	3.01E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-05
47517106	1.19E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.03E-09	5.56E-05	6.10E-04	0.00E+00	0.00E+00	3.29E-13	6.37E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.58E-04	2.61E-01	0.00E+00	2.87E-11	9.65E-10	1.54E-04	4.69E-07	3.49E-04	0.00E+00	2.61E-01	7.38E-10	2.61E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-05
47517109	1.18E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.22E-02	6.96E-09	5.51E-05	6.05E-04	0.00E+00	0.00E+00	3.26E-13	6.31E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.52E-04	2.59E-01	0.00E+00	2.85E-11	9.56E-10	1.52E-04	4.64E-07	3.46E-04	0.00E+00	2.59E-01	7.31E-10	2.59E-01	2.59E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05
47517203	1.38E-04	2.15E-02	4.57E-10	2.15E-02	2.05E-11	0.00E+00	1.41E-02	8.06E-09	6.39E-05	7.02E-04	0.00E+00	0.00E+00	3.79E-13	7.29E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.44E-04	2.98E-01	0.00E+00	3.27E-11	1.11E-09	1.77E-04	5.37E-07	4.01E-04	0.00E+00	2.98E-01	8.45E-10	2.98E-01	3.00E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-05
47517204	1.37E-04	2.15E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	1.41E-02	8.09E-09	6.41E-05	7.03E-04	0.00E+00	0.00E+00	3.79E-13	7.34E-12	5.26E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.57E-04	3.01E-01	0.00E+00	3.31E-11	1.11E-09	1.77E-04	5.40E-07	4.02E-04	0.00E+00	3.01E-01	8.50E-10	3.01E-01	3.01E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.20E-05
47517206	1.19E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.03E-09	5.56E-05	6.10E-04	0.00E+00	0.00E+00	3.29E-13	6.37E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.58E-04	2.61E-01	0.00E+00	2.87E-11	9.65E-10	1.54E-04	4.69E-07	3.49E-04	0.00E+00	2.61E-01	7.38E-10	2.61E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-05
47517209	1.18E-04	1.86E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.22E-02	6.97E-09	5.52E-05	6.05E-04	0.00E+00	0.00E+00	3.27E-13	6.32E-12	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.53E-04	2.59E-01	0.00E+00	2.85E-11	9.57E-10	1.53E-04	4.65E-07	3.46E-04	0.00E+00	2.59E-01	7.32E-10	2.59E-01	2.60E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05
47517214	1.42E-04	2.21E-02	4.57E-10	2.20E-02	2.05E-11	0.00E+00	1.61E-02	8.71E-09	6.54E-05	7.36E-04	0.00E+00	0.00E+00	4.17E-13	7.71E-12	5.80E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	7.92E-04	3.24E-01	0.00E+00	3.61E-11	1.17E-09	1.80E-04	5.61E-07	4.41E-04	0.00E+00	3.24E-01	8.80E-10	3.24E-01	3.27E-01	4.41E-04	0.00E+00	0.00E+00	0.00E+00	8.98E-05
47518982	1.41E-04	1.79E-02	4.57E-10	1.79E-02	2.05E-11	0.00E+00	1.17E-02	6.75E-09	5.32E-05	5.91E-04	0.00E+00	0.00E+00	3.16E-13	6.08E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.30E-04	2.49E-01	0.00E+00	2.73E-11	9.60E-10	1.51E-04	4.46E-07	3.34E-04	0.00E+00	2.49E-01	7.04E-10	2.49E-01	2.51E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05
47518989	1.07E-04	1.68E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.10E-02	6.31E-09	4.99E-05	5.48E-04	0.00E+00	0.00E+00	2.96E-13	5.72E-12	4.10E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-06	5.90E-04	2.35E-01	0.00E+00	2.58E-11	8.66E-10	1.38E-04	4.20E-07	3.13E-04	0.00E+00	2.35E-01	6.62E-10	2.35E-01	2.35E-01	3.13E-04	0.00E+00	0.00E+00	0.00E+00	6.39E-05
47521404	1.18E-04	1.84E-02	4.57E-10	1.84E-02	2.05E-11	0.00E+00	1.20E-02	6.96E-09	5.55E-05	6.04E-04	0.00E+00	0.00E+00	3.23E-13	6.23E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.48E-04	2.57E-01	0.00E+00	2.83E-11	9.63E-10	1.52E-04	4.60E-07	3.44E-04	0.00E+00	2.57E-01	7.24E-10	2.57E-01	2.59E-01	3.44E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-05
47521606	1.24E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.34E-09	5.81E-05	6.37E-04	0.00E+00	0.00E+00	3.44E-13	6.65E-12	4.76E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.87E-04	2.73E-01	0.00E+00	3.00E-11	1.01E-09	1.61E-04	4.89E-07	3.64E-04	0.00E+00	2.73E-01	7.70E-10	2.73E-01	2.73E-01	3.64E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-05
47521909	1.20E-04	1.90E-02	4.57E-10	1.91E-02	2.05E-11	0.00E+00	1.25E-02	7.13E-09	5.63E-05	6.15E-04	0.00E+00	0.00E+00	3.34E-13	6.47E-12	4.58E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.66E-04	2.65E-01	0.00E+00	2.91E-11	9.79E-10	1.57E-04	4.71E-07	3.53E-04	0.00E+00	2.65E-01	7.52E-10	2.65E-01	2.65E-01	3.53E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-05
47526039	1.28E-04	2.02E-02	4.57E-10	2.02E-02	2.05E-11	0.00E+00	1.31E-02	7.49E-09	5.91E-05	6.58E-04	0.00E+00	0.00E+00	3.53E-13	6.79E-12	4.85E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.05E-04	2.78E-01	0.00E+00	3.06E-11	1.02E-09	1.66E-04	4.98E-07	3.71E-04	0.00E+00	2.78E-01	7.90E-10	2.78E-01	2.78E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
47526049	1.28E-04	2.02E-02	4.57E-10	2.02E-02	2.05E-11	0.00E+00	1.31E-02	7.50E-09	5.91E-05	6.58E-04	0.00E+00	0.00E+00	3.53E-13	6.79E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.05E-04	2.78E-01	0.00E+00	3.06E-11	1.02E-09	1.66E-04	4.98E-07	3.71E-04	0.00E+00	2.78E-01	7.91E-10	2.78E-01	2.78E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-05
47526084	1.24E-04	1.90E-02	4.57E-10	1.90E-02	2.05E-11	0.00E+00	1.27E-02	7.27E-09	5.78E-05	6.32E-04	0.00E+00	0.00E+00	3.43E-13	6.61E-12	4.74E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.79E-04	2.69E-01	0.00E+00	2.99E-11	1.01E-09	1.58E-04	4.78E-07	3.57E-04	0.00E+00	2.69E-01	7.70E-10	2.69E-01	2.69E-01	3.57E-04	0.00E+00	0.00E+00	0.00E+00	7.28E-05
47526086	1.24E-04	1.91E-02	4.57E-10	1.91E-02	2.05E-11	0.00E+00	1.28E-02	7.33E-09	5.79E-05	6.37E-04	0.00E+00	0.00E+00	3.46E-13	6.65E-12	4.74E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.82E-04	2.70E-01	0.00E+00	3.00E-11	1.01E-09	1.59E-04	4.79E-07	3.58E-04	0.00E+00	2.70E-01	7.78E-10	2.70E-01	2.70E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
47526089	1.24E-04	1.91E-02	4.57E-10	1.91E-02	2.05E-11	0.00E+00	1.27E-02	7.30E-09	5.74E-05	6.34E-04	0.00E+00	0.00E+00	3.44E-13	6.55E-12	4.71E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.82E-04	2.69E-01	0.00E+00	2.98E-11	1.00E-09	1.58E-04	4.71E-07	3.60E-04	0.00E+00	2.69E-01	7.77E-10	2.69E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-05
47527103	1.38E-04	2.15E-02	4.57E-10	2.15E-02	2.05E-11	0.00E+00	1.41E-02	8.06E-09	6.39E-05	7.02E-04	0.00E+00	0.00E+00	3.79E-13	7.29E-12	5.18E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.44E-04	2.98E-01	0.00E+00	3.27E-11	1.11E-09	1.76E-04	5.37E-07	3.99E-04	0.00E+00	2.98E-01	8.45E-10	2.98E-01	3.00E-01	3.99E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-05
47527104	1.45E-04	2.29E-02	4.57E-10	2.29E-02	2.05E-11	0.00E+00	1.56E-02	8.86E-09	6.77E-05	7.34E-04	0.00E+00	0.00E+00	4.12E-13	7.92E-12	5.82E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.13E-04	3.32E-01	0.00E+00	3.58E-11	1.18E-09	1.91E-04	5.74E-07	4.40E-04	0.00E+00	3.32E-01	9.32E-10	3.32E-01	3.35E-01	4.40E-04	0.00E+00	0.00E+00	0.00E+00	9.21E-05
47527106	1.27E-04	1.99E-02	4.57E-10	1.99E-02	2.05E-11	0.00E+00	1.29E-02	7.44E-09	5.89E-05	6.47E-04	0.00E+00	0.00E+00	3.49E-13	6.67E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.98E-04	2.76E-01	0.00E+00	3.04E-11	1.02E-09	1.63E-04	4.96E-07	3.69E-04	0.00E+00	2.76E-01	7.80E-10	2.76E-01	2.76E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05
47527109	1.28E-04	2.01E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.30E-02	7.49E-09	5.90E-05	6.54E-04	0.00E+00	0.00E+00	3.51E-13	6.76E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.01E-04	2.77E-01	0.00E+00	3.07E-11	1.02E-09	1.65E-04	4.97E-07	3.70E-04	0.00E+00	2.77E-01	7.89E-10	2.77E-01	2.77E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
47527203	1.38E-04	2.15E-02	4.57E-10	2.15E-02	2.05E-11	0.00E+00	1.41E-02	8.06E-09	6.39E-05	7.02E-04	0.00E+00	0.00E+00	3.79E-13	7.29E-12	5.18E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.44E-04	2.98E-01	0.00E+00	3.27E-11	1.11E-09	1.76E-04	5.37E-07	3.99E-04	0.00E+00	2.98E-01	8.45E-10	2.98E-01	3.00E-01	3.99E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-05
47527204	1.42E-04	2.21E-02	4.57E-10	2.20E-02	2.05E-11	0.00E+00	1.60E-02	8.68E-09	6.57E-05	7.29E-04	0.00E+00	0.00E+00	4.19E-13	7.71E-12	5.81E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	7.90E-04	3.22E-01	0.00E+00	3.60E-11	1.18E-09	1.79E-04	5.54E-07	4.38E-04	0.00E+00	3.22E-01	8.77E-10	3.22E-01	3.26E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	8.98E-05
47527206	1.28E-04	2.01E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.29E-02	7.45E-09	5.90E-05	6.54E-04	0.00E+00	0.00E+00	3.50E-13	6.71E-12	4.85E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	7.02E-04	2.77E-01	0.00E+00	3.07E-11	1.02E-09	1.65E-04	4.97E-07	3.70E-04	0.00E+00	2.77E-01	7.84E-10	2.77E-01	2.77E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05
47527209	1.27E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.30E-02	7.48E-09	5.89E-05	6.50E-04	0.00E+00	0.00E+00	3.51E-13	6.72E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	7.01E-04	2.77E-01	0.00E+00	3.05E-11	1.02E-09	1.63E-04	4.97E-07	3.70E-04	0.00E+00	2.77E-01	7.86E-10	2.77E-01	2.77E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05

47528982	1.18E-04	1.84E-02	4.57E-10	1.83E-02	2.05E-11	0.00E+00	1.19E-02	6.90E-09	5.51E-05	6.02E-04	0.00E+00	0.00E+00	3.22E-13	6.23E-12	4.49E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.45E-04	2.56E-01	0.00E+00	2.81E-11	9.55E-10	1.52E-04	4.60E-07	3.41E-04	0.00E+00	2.56E-01	7.23E-10	2.56E-01	2.57E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	7.01E-05
47528989	1.24E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.34E-09	5.81E-05	6.37E-04	0.00E+00	0.00E+00	3.44E-13	6.65E-12	4.76E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.87E-04	2.73E-01	0.00E+00	3.00E-11	1.01E-09	1.61E-04	4.89E-07	3.64E-04	0.00E+00	2.73E-01	7.70E-10	2.73E-01	2.73E-01	3.64E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-05
4755	1.03E-04	1.63E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.07E-02	6.11E-09	4.83E-05	5.30E-04	0.00E+00	0.00E+00	2.86E-13	5.54E-12	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-06	5.72E-04	2.27E-01	0.00E+00	2.50E-11	8.39E-10	1.34E-04	4.07E-07	3.03E-04	0.00E+00	2.27E-01	6.41E-10	2.27E-01	2.27E-01	3.03E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-05
475501	1.03E-04	1.63E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.07E-02	6.11E-09	4.83E-05	5.30E-04	0.00E+00	0.00E+00	2.86E-13	5.54E-12	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-06	5.72E-04	2.27E-01	0.00E+00	2.50E-11	8.39E-10	1.34E-04	4.07E-07	3.03E-04	0.00E+00	2.27E-01	6.41E-10	2.27E-01	2.27E-01	3.03E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-05
47552045	1.10E-04	1.63E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.07E-02	6.12E-09	4.84E-05	5.31E-04	0.00E+00	0.00E+00	2.87E-13	5.55E-12	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-06	5.73E-04	2.28E-01	0.00E+00	2.50E-11	8.40E-10	1.34E-04	4.08E-07	3.04E-04	0.00E+00	2.28E-01	6.42E-10	2.28E-01	2.28E-01	3.04E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-05
47552089	1.11E-04	1.64E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	1.07E-02	6.14E-09	4.86E-05	5.33E-04	0.00E+00	0.00E+00	2.88E-13	5.57E-12	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-06	5.75E-04	2.28E-01	0.00E+00	2.51E-11	8.44E-10	1.35E-04	4.09E-07	3.05E-04	0.00E+00	2.28E-01	6.45E-10	2.28E-01	2.29E-01	3.05E-04	0.00E+00	0.00E+00	0.00E+00	6.22E-05
47591606	1.90E-04	2.82E-02	0.00E+00	2.82E-02	0.00E+00	0.00E+00	1.85E-02	1.06E-08	8.37E-05	9.18E-04	0.00E+00	0.00E+00	4.95E-13	9.58E-12	6.87E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	9.90E-04	3.93E-01	0.00E+00	4.32E-11	1.45E-09	2.32E-04	7.05E-07	5.25E-04	0.00E+00	3.93E-01	1.11E-09	3.93E-01	3.94E-01	5.25E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04
47591909	1.97E-04	2.91E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.91E-02	1.09E-08	8.65E-05	9.49E-04	0.00E+00	0.00E+00	5.12E-13	9.91E-12	7.10E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	1.02E-03	4.07E-01	0.00E+00	4.47E-11	1.50E-09	2.39E-04	7.29E-07	5.43E-04	0.00E+00	4.07E-01	1.15E-09	4.07E-01	4.07E-01	5.43E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
47601404	1.95E-04	2.89E-02	4.57E-10	2.89E-02	2.05E-11	0.00E+00	1.90E-02	1.09E-08	8.51E-05	9.47E-04	0.00E+00	0.00E+00	5.09E-13	9.84E-12	6.96E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	1.01E-03	4.04E-01	0.00E+00	4.43E-11	1.48E-09	2.38E-04	7.24E-07	5.37E-04	0.00E+00	4.04E-01	1.14E-09	4.04E-01	4.05E-01	5.37E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04
47601606	1.95E-04	2.89E-02	4.57E-10	2.89E-02	2.05E-11	0.00E+00	1.90E-02	1.08E-08	8.51E-05	9.44E-04	0.00E+00	0.00E+00	5.08E-13	9.82E-12	6.96E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	1.01E-03	4.03E-01	0.00E+00	4.47E-11	1.48E-09	2.38E-04	7.28E-07	5.37E-04	0.00E+00	4.03E-01	1.14E-09	4.03E-01	4.07E-01	5.37E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04
47601909	1.96E-04	3.05E-02	4.57E-10	3.05E-02	2.05E-11	0.00E+00	2.00E-02	1.14E-08	9.08E-05	9.90E-04	0.00E+00	0.00E+00	5.35E-13	1.03E-11	7.38E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-06	1.08E-03	4.26E-01	0.00E+00	4.66E-11	1.58E-09	2.50E-04	7.52E-07	5.67E-04	0.00E+00	4.26E-01	1.20E-09	4.26E-01	4.26E-01	5.67E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
4763	1.77E-04	2.77E-02	1.05E-08	2.77E-02	8.10E-09	0.00E+00	3.18E-01	2.84E-08	8.15E-05	8.78E-04	0.00E+00	8.31E-06	1.20E-12	2.25E-11	1.62E-04	1.76E-05	0.00E+00	0.00E+00	6.26E-06	1.30E-03	4.38E-01	0.00E+00	7.76E-11	1.45E-09	2.28E-04	9.59E-07	7.34E-04	0.00E+00	4.38E-01	2.21E-09	4.38E-01	4.39E-01	7.34E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-04
476301	1.79E-04	2.78E-02	1.13E-08	2.78E-02	8.69E-09	0.00E+00	3.36E-01	3.11E-08	8.11E-05	8.79E-04	0.00E+00	9.58E-06	1.29E-12	2.47E-11	1.79E-04	1.96E-05	0.00E+00	0.00E+00	6.80E-06	1.45E-03	4.43E-01	0.00E+00	8.57E-11	1.46E-09	2.31E-04	1.07E-06	7.75E-04	0.00E+00	4.43E-01	2.34E-09	4.43E-01	4.43E-01	7.75E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-04
476309	2.02E-04	2.99E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	1.96E-02	1.12E-08	8.87E-05	9.74E-04	0.00E+00	0.00E+00	5.25E-13	1.02E-11	7.28E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	1.05E-03	4.17E-01	0.00E+00	4.58E-11	1.54E-09	2.46E-04	7.47E-07	5.57E-04	0.00E+00	4.17E-01	1.18E-09	4.17E-01	4.18E-01	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
47631404	1.50E-04	2.37E-02	4.57E-10	2.37E-02	2.05E-11	0.00E+00	1.64E-02	9.04E-09	7.16E-05	7.84E-04	0.00E+00	0.00E+00	4.31E-13	8.25E-12	5.96E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	8.51E-04	3.44E-01	0.00E+00	3.78E-11	1.25E-09	2.00E-04	6.09E-07	4.52E-04	0.00E+00	3.44E-01	9.62E-10	3.44E-01	3.46E-01	4.52E-04	0.00E+00	0.00E+00	0.00E+00	9.32E-05
47631606	1.42E-04	2.21E-02	4.57E-10	2.22E-02	2.05E-11	0.00E+00	1.45E-02	8.20E-09	6.62E-05	7.23E-04	0.00E+00	0.00E+00	3.87E-13	7.50E-12	5.36E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.84E-04	3.12E-01	0.00E+00	3.38E-11	1.15E-09	1.82E-04	5.55E-07	4.16E-04	0.00E+00	3.12E-01	8.68E-10	3.12E-01	3.15E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	8.47E-05
47631909	1.50E-04	2.37E-02	4.57E-10	2.37E-02	2.05E-11	0.00E+00	1.64E-02	9.04E-09	7.16E-05	7.85E-04	0.00E+00	0.00E+00	4.31E-13	8.25E-12	5.96E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	8.50E-04	3.44E-01	0.00E+00	3.78E-11	1.25E-09	2.00E-04	6.09E-07	4.52E-04	0.00E+00	3.44E-01	9.62E-10	3.44E-01	3.45E-01	4.52E-04	0.00E+00	0.00E+00	0.00E+00	9.32E-05
47633502	1.68E-04	2.63E-02	1.45E-08	2.63E-02	3.70E-09	0.00E+00	2.61E-01	2.04E-08	8.90E-05	9.41E-04	0.00E+00	1.63E-05	1.01E-12	1.99E-11	1.79E-04	1.09E-05	0.00E+00	0.00E+00	4.55E-06	1.13E-03	4.16E-01	0.00E+00	6.44E-11	1.30E-09	2.42E-04	7.49E-07	5.33E-04	0.00E+00	4.16E-01	1.91E-09	4.16E-01	4.18E-01	5.33E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-04
47633505	1.61E-04	2.54E-02	0.00E+00	2.54E-02	0.00E+00	0.00E+00	1.67E-02	9.56E-09	7.56E-05	8.30E-04	0.00E+00	0.00E+00	4.48E-13	8.66E-12	6.21E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	8.94E-04	3.55E-01	0.00E+00	3.91E-11	1.31E-09	2.09E-04	6.37E-07	4.74E-04	0.00E+00	3.55E-01	1.00E-09	3.55E-01	3.56E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.68E-05
47633522	1.76E-04	2.76E-02	1.10E-08	2.77E-02	4.14E-09	0.00E+00	1.87E-01	1.79E-08	9.11E-05	9.73E-04	0.00E+00	1.13E-05	1.03E-12	1.96E-11	1.55E-04	9.20E-06	0.00E+00	0.00E+00	4.40E-06	1.46E-03	4.25E-01	0.00E+00	7.30E-11	1.35E-09	2.48E-04	9.68E-07	6.94E-04	0.00E+00	4.25E-01	2.12E-09	4.25E-01	4.30E-01	6.94E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04
47633525	1.83E-04	2.70E-02	0.00E+00	2.70E-02	0.00E+00	0.00E+00	1.77E-02	1.02E-08	8.03E-05	8.81E-04	0.00E+00	0.00E+00	4.76E-13	9.20E-12	6.59E-05	0.00E+00	0.00E+00	0.00E+00	2.39E-06	9.50E-04	3.78E-01	0.00E+00	4.15E-11	1.39E-09	2.22E-04	6.77E-07	5.04E-04	0.00E+00	3.78E-01	1.07E-09	3.78E-01	3.78E-01	5.04E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04
47636084	1.50E-04	2.39E-02	4.57E-10	2.39E-02	2.05E-11	0.00E+00	1.63E-02	9.15E-09	7.17E-05	7.89E-04	0.00E+00	0.00E+00	4.33E-13	8.34E-12	5.98E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	8.51E-04	3.44E-01	0.00E+00	3.81E-11	1.25E-09	2.00E-04	6.10E-07	4.53E-04	0.00E+00	3.44E-01	9.66E-10	3.44E-01	3.44E-01	4.53E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
47636086	1.50E-04	2.39E-02	4.57E-10	2.39E-02	2.05E-11	0.00E+00	1.63E-02	9.15E-09	7.17E-05	7.89E-04	0.00E+00	0.00E+00	4.32E-13	8.34E-12	5.98E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	8.51E-04	3.44E-01	0.00E+00	3.81E-11	1.25E-09	2.00E-04	6.10E-07	4.53E-04	0.00E+00	3.44E-01	9.66E-10	3.44E-01	3.44E-01	4.53E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
47636089	1.51E-04	2.38E-02	0.00E+00	2.38E-02	0.00E+00	0.00E+00	1.56E-02	8.94E-09	7.08E-05	7.77E-04	0.00E+00	0.00E+00	4.19E-13	8.11E-12	5.81E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	8.37E-04	3.33E-01	0.00E+00	3.66E-11	1.23E-09	1.96E-04	5.96E-07	4.44E-04	0.00E+00	3.33E-01	9.39E-10	3.33E-01	3.33E-01	4.44E-04	0.00E+00	0.00E+00	0.00E+00	9.06E-05
47637003	1.50E-04	2.39E-02	4.57E-10	2.39E-02	2.05E-11	0.00E+00	1.63E-02	9.15E-09	7.17E-05	7.90E-04	0.00E+00	0.00E+00	4.33E-13	8.33E-12	5.98E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	8.50E-04	3.44E-01	0.00E+00	3.81E-11	1.25E-09	2.00E-04	6.10E-07	4.53E-04	0.00E+00	3.44E-01	9.66E-10	3.44E-01	3.44E-01	4.53E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
47637006	1.50E-04	2.39E-02	4.57E-10	2.39E-02	2.05E-11	0.00E+00	1.63E-02	9.15E-09	7.17E-05	7.90E-04	0.00E+00	0.00E+00	4.33E-13	8.33E-12	5.98E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	8.50E-04	3.44E-01	0.00E+00	3.81E-11	1.25E-09	2.00E-04	6.10E-07	4.53E-04	0.00E+00	3.44E-01	9.66E-10	3.44E-01	3.44E-01	4.53E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
47637009	1.49E-04	2.34E-02	4.57E-10	2.35E-02	2.05E-11	0.00E+00	1.57E-02	8.93E-09	6.94E-05	7.54E-04	0.00E+00	0.00E+00	4.21E-13	8.09E-12	5.89E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	8.19E-04	3.38E-01	0.00E+00	3.63E-11	1.20E-09	1.94E-04	5.80E-07	4.39E-04	0.00E+00	3.38E-01	9.43E-10	3.38E-01	3.36E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	9.13E-05
47638982	1.50E-04	2.38E-02	4.57E-10	2.38E-02	2.05E-11	0.00E+00	1.63E-02	9.10E-09	7.16E-05	7.86E-04	0.00E+00	0.00E+00	4.33E-13	8.33E-12	5.96E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	8.50E-04	3.43E-01	0.00E+00	3.78E-11	1.25E-09	1.99E-04	6.09E-07	4.52E-04	0.00E+00	3.43E-01	9.64E-10	3.43E-01	3.43E-01	4.52E-04	0.00E+00	0.00E+00	0.00E+00	9.32E-05
47638989	1.41E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.37E-09	6.62E-05	7.26E-04	0.00E+00	0.00E+00	3.92E-13	7.58E-12	5.43E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.83E-04	3.11E-01	0.00E+00	3.42E-11	1.15E-09	1.83E-04	5.58E-07	4.15E-04	0.00E+00	3.11E-01	8.78E-10	3.11E-01	3.12E-01	4.15E-04	0.00E+00	0.00E+00	0.00E+00	8.47E-05
47693502	1.84E-04	2.94E-02	4.57E-10	2.93E-02	2.05E-11	0.00E+00	1.89E-02	1.12E-08	7.98E-05	8.69E-04	0.00E+00	0.00E+00	5.11E-13	1.07E-11	7.09E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-06	1.23E-03	4.01E-01	0.00E+00	4.52E-11	1.39E-09	2.16E-04	7.85E-07	5.70E-04	0.00E+00	4.01E-01	1.19E-09	4.01E-01	4.05E-01	5.70E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
47703522	1.91E-04	4.97E-02	4.57E-10	4.97E-02	2.05E-11	0.00E+00	3.38E-02	1.95E-08	9.24E-05	7.85E-04	0.00E+00	0.00E+00	9.50E-13	1.88E-11	1.25E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-06	1.85E-03	7.90E-01	0.00E+00	9.72E-11	1.78E-09	2.49E-04	1.35E-06	9.80E-04	0.00E+00	7.90E-01	2.42E-09	7.90E-01	7.91E-01	9.80E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-04
47703525	3.07E-04	4.85E-02	0.00E+00	4.85E-02	0.00E+00	0.00E+00	3.18E-02	1.82E-08	1.44E-04	1.58E-03	0.00E+00	0.00E+00	8.53E-13	1.65E-11	1.18E-04	0.00E+00	0.00E+00	0.00E+00	4.29E-06	1.70E-03	6.77E-01	0.00E+00	7.44E-11	2.50E-09	3.99E-04	1.21E-06	9.03E-04	0.00E+00	6.77E-01	1.91E-09	6.77E-01	6.78E-01	9.03E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04
47703532	2.30E-04	4.99E-02	4.57E-10	4.99E-02	2.05E-11	0.00E+00	3.43E-02	1.93E-08	1.03E-04	8.94E-04	0.00E+00	0.00E+00	9.58E-13	1.93E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-06	1.80E-03	7.60E-01	0.00E+00	9.90E-11	1.86E-09	2.87E-04	1.33E-06	9.73E-04	0.00E+00	7.60E-01	2.40E-09	7.60E-01	8.16E-01	9.73E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-04
47703535	3.10E-04	4.98E-02	4.57E-10	4.98E-02	2.05E-11	0.00E+00	3.38E-02	1.88E-08	1.48E-04	1.60E-03	0.00E+00	0.00E+00	9.00E-13	1.78E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.61E-06	1.76E-03	7.02E-01	0.00E+00	7.99E-11	2.54E-09	4.00E-04	1.26E-06	9.42E-04	0.00E+00	7.02E-01	1.98E-09	7.02E-01	7.45E-01	9.42E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
47703545	3.19E-04	5.05E-02	6.32E-08	5.05E-02	1.43E-08	0.00E+00	6.24E-01	6.85E-08	1.48E-04	1.62E-03	0.00E+00	6.16E-05	3.81E-12	7.28E-11	6.08E-04	3.82E-05	0.00E+00	0.00E+00	1.47E-05	3.24E-03	7.79E-01	0.00E+00	2.39E-10	2.45E-09	4.16E-04	2.83E-06	2.14E-03	0.00E+00	7.79E-01	6.83E-09	7.79E-01	7.77E-01	2.14E-03	0.00E+00	0.00E+00	0.00E+00	6.49E-04
47703552	3.38E-04	5.20E-02	5.99E-08	5.20E-02	1.77E-08	0.00E+00	4.96E-01	6.98E-08	1.52E-04	1.67E-03	0.00E+00	5.94E-05	3.70E-12	7.15E-11	6.23E-04	4.89E-05	0.00E+00	0.00E+00	1.56E-05	3.30E-03	7.93E-01	0.00E+00	2.39E-10	2.63E-09	4.22E-04	2.81E-06	2.14E-03	0.00E+00	7.93E-01	6.80E-09	7.93E-01	7.96E-01	2.14E-03	0.00E+00	0.00E+00	0.00E+00	6.69E-04
47703555	3.26E-04	5.02E-02	1.12E-08	5.01E-02	3.29E-09	0.00E+00	9.71E-02	4.03E-08	1.53E-04	1.67E-03	0.00E+00	9.93E-06	1.23E-12	2.35E-11	1.79E-04	8.28E-06	0.00E+00	0.00E+00	9.08E-06	1.87E-03	7.16E-01	0.00E+00	9.66E-11	2.62E-09	4.24E-04	1.37E-06	1.05E-03	0.00E+00	7.16E-01	2.71E-09	7.16E-01	7.16E-01	1.05E-03	0.00E+00	0.00E+00	0.00E+00	4.06E-04
47703562	3.29E-04	5.16E-02	6.57E-08	5.15E-02	1.69E-08	0.00E+00	5.77E-01	7.49E-08	1.51E-04	1.65E-03	0.00E+00	6.84E-05	3.94E-12	7.45E-11	6.53E-04	4.91E-05	0.00E+00	0.00E+00	1.70E-05	3.31E-03	8.15E-01	0.00E+00	2.57E-10	2.63E-09	4.24E-04	2.90E-06	2.18E-03	0.00E+00	8.15E-01	7.02E-09	8.15E-01	8.18E-01	2.18E-03	0.00E+00	0.00E+00	0.00E+00	7.39E-04
47703565	3.25E-04	5.01E-02	2.06E-08	5.00E-02	2.58E-09	0.00E+00	2.04E-01	5.12E-08	1.49E-04	1.65E-03	0.00E+00	2.24E-05	1.76E-12	3.11E-11	2.77E-04	6.50E-06	0.00E+00	0.00E+00	1.12E-05	1.76E-03	7.20E-01	0.00E+00	1.26E-10	2.58E-09	4.19E-04	1.46E-06	1.11E-03	0.00E+00	7.20E-01	3.44E-09	7.20E-01	7.22E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	5.04E-04
47721606	1.82E-04	2.69E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.77E-02	1.01E-08	8.00E-05	8.78E-04	0.00E+00	0.00E+00	4.74E-13	9.16E-12	6.57E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	9.46E-04	3.76E-01	0.00E+00	4.13E-11	1.39E-09	2.21E-04	6.74E-07	5.02E-04	0.00E+00	3.76E-01	1.06E-09	3.76E-01	3.77E-01	5.02E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
47721909	1.80E-04	2.66E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.74E-02	9.98E-09	7.90E-05	8.66E-04	0.00E+00	0.00E+00	4.68E-13	9.04E-12	6.48E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	9.34E-04	3.71E-01	0.00E+00	4.08E-11	1.37E-09	2.19E-04	6.65E-07	4.95E-04	0.00E+00	3.71E-01	1.05E-09	3.71E-01	3.72E-01	4.95E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
47726084	1.95E-04	3.05E-02	4.57E-10	3.05E-02	2.05E-11	0.00E+00	2.01E-02	1.14E-08	9.10E-05	1.00E-03	0.00E+00	0.00E+00	5.38E-13	1.04E-11	7.41E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.08E-03	4.27E-01	0.00E+00	4.76E-11	1.59E-09	2.51E-04	7.63E-07	5.72E-04	0.00E+00	4.27E-01	1.21E-09	4.27E-01	4.30E-01	5.72E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
47726086	1.87E-04	2.76E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.81E-02	1.04E-08	8.21E-05	9.01E-04	0.00E+00	0.00E+00	4.86E-13	9.40E-12	6.74E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-06	9.71E-04	3.86E-01	0.00E+00	4.24E-11	1.42E-09	2.27E-04	6.92E-07	5.15E-04	0.00E+00	3.86E-01	1.09E-09	3.86E-01	3.86E-01	5.15E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04
47726096	1.87E-04	2.76E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.81E-02	1.04E-08	8.21E-05	9.01E-04	0.00E+00	0.00E+00	4.86E-13	9.40E-12	6.74E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-06	9.71E-04	3.86E-01	0.00E+00	4.24E-11	1.42E-09	2.27E-04	6.92E-07	5.15E-04	0.00E+00	3.86E-01	1.09E-09	3.86E-01	3.86E-01	5.15E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04
47726099	1.89E-04	2.80E-02	0.00E+00	2.80E-02	0.00E+00	0.00E+00	1.83E-02	1.05E-08	8.32E-05	9.12E-04	0.00E+00	0.00E+00	4.92E-13	9.52E-12	6.82E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	9.83E-04	3.91E-01	0.00E+00	4.29E-11	1.44E-09	2.30E-04	7.00E-07	5.22E-04	0.00E+00	3.91E-01	1.10E-09	3.91E-01	3.91E-01	5.22E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04
47728989	1.84E-04	2.73E-02	0.00E+00	2.73E-02	0.00E+00	0.00E+00	1.79E-02	1.02E-08	8.11E-05	8.89E-04	0.00E+00	0.00E+00	4.80E-13	9.28E-12	6.65E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	9.59E-04	3.81E-01	0.00E+00	4.19E-11	1.41E-09	2.24E-04	6.83E-07	5.08E-04	0.00E+00	3.81E-01	1.08E-09	3.81E-01	3.81E-01	5.08E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
47733512	2.20E-04	7.44E-02	4.57E-10	7.43E-02	2.05E-11	0.00E+00	3.88E-01	2.87E-08	9.50E-05	1.13E-03	0.00E+00	6.92E-05	1.44E-12	4.83E-11	2.11E-04	7.94E-05	0.00E+00	0.00E+00	9.88E-06	4.88E-03	1.14E+00	0.00E+00	1.91E-10	1.97E-09	2.61E-04	1.91E-06	1.40E-03	0.00E+00	1.14E+00	4.79E-09	1.14E+00	1.14E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	1.62E-03
47733515	4.36E-04	6.88E-02	0.00E+00	6.88E-02	0.00E+00	0.00E+00	4.51E-02	2.59E-08	2.05E-04	2.24E-03	0.00E+00	0.00E+00	1.21E-12	2.34E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.09E-06	2.42E-03	9.61E-01	0.00E+00	1.06E-10	3.55E-09	5.66E-04	1.72E-06	1.28E-03	0.00E+00	9.61E-01	2.71E-09	9.61E-01	9.63E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04
47733522	3.88E-04	7.40E-02	4.57E-10	7.41E-02	2.05E-11	0.00E+00	5.32E-02	2.92E-08	1.67E-04	1.72E-03	0.00E+00	0.00E+00	1.44E-12	2.87E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-06	4.44E-03	1.15E+00	0.00E+00	1.34E-10	3.11E-09	4.83E-04	1.87E-06	1.41E-03	0.00E+00	1.15E+00	3.65E-09	1.15E+00	1.14E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	9.78E-04
47733525	4.73E-04	7.45E-02	0.00E+00	7.45E-02	0.00E+00	0.00E+00	4.89E-02	2.80E-08	2.22E-04	2.43E-03	0.00E+00	0.00E+00	1.31E-12	2.54E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-06	2.62E-03	1.04E+00	0.00E+00	1.14E-10	3.84E-09	6.13E-04	1.87E-06	1.39E-03	0.00E+00	1.04E+00	2.94E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
47741606	1.89E-04	2.80E-02	0.00E+00	2.80E-02	0.00E+00	0.00E+00	1.83E-02	1.05E-08	8.32E-05	9.12E-04	0.00E+00	0.00E+00	4.92E-13	9.52E-12	6.82E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	9.83E-04	3.91E-01	0.00E+00	4.29E-11	1.44E-09	2.30E-04	7.00E-07	5.22E-04	0.00E+00	3.91E-01	1.10E-09	3.91E-01	3.91E-01	5.22E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04
47741909	1.94E-04	2.88E-02	0.00E+00	2.88E-02	0.00E+00	0.00E+00	1.89E-02	1.08E-08	8.55E-05	9.38E-04	0.00E+00	0.00E+00	5.06E-13	9.79E-12	7.01E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	1.01E-03	4.02E-01	0.00E+00	4.41E-11	1.48E-09	2.36E-04	7.20E-07	5.36E-04	0.00E+00	4.02E-01	1.13E-09	4.02E-01	4.02E-01	5.36E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
47746086	1.94E-04	3.07E-02	0.00E+00	3.07E-02	0.00E+00	0.00E+00	2.01E-02	1.15E-08	9.12E-05	1.00E-03	0.00E+00	0.00E+00	5.40E-13	1.04E-11	7.48E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.08E-03	4.28E-01	0.00E+00	4.71E-11	1.58E-09	2.52E-04	7.68E-07	5.72E-04	0.00E+00	4.28E-01	1.21E-09	4.28E-01	4.29E-01	5.72E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
47746089	1.96E-04	3.08E-02	0.00E+00	3.08E-02	0.00E+00	0.00E+00	2.02E-02	1.16E-08	9.17E-05	1.01E-03	0.00E+00	0.00E+00	5.43E-13	1.05E-11	7.52E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	1.08E-03	4.31E-01	0.00E+00	4.73E-11	1.59E-09	2.54E-04	7.72E-07	5.75E-04	0.00E+00	4.31E-01	1.22E-09	4.31E-01	4.31E-01	5.75E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
47746096	1.91E-04	2.83E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	1.86E-02	1.06E-08	8.42E-05	9.24E-04	0.00E+00	0.00E+00	4.98E-13	9.64E-12	6.91E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	9.96E-04	3.96E-01	0.00E+00	4.35E-11	1.46E-09	2.33E-04	7.09E-07	5.28E-04	0.00E+00	3.96E-01	1.12E-09	3.96E-01	3.96E-01	5.28E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
47746099	1.91E-04	2.83E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	1.86E-02	1.06E-08	8.42E-05	9.24E-04	0.00E+00	0.00E+00	4.98E-13	9.64E-12	6.91E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	9.96E-04	3.96E-01	0.00E+00	4.35E-11	1.46E-09	2.33E-04	7.09E-07	5.28E-04	0.00E+00	3.96E-01	1.12E-09	3.96E-01	3.96E-01	5.28E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
47748982	1.87E-04	2.76E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.81E-02	1.04E-08	8.21E-05	9.01E-04	0.00E+00	0.00E+00	4.86E-13	9.40E-12	6.74E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-06	9.71E-04	3.86E-01	0.00E+00	4.24E-11	1.42E-09	2.27E-04	6.92E-07	5.15E-04	0.00E+00	3.86E-01	1.09E-09	3.86E-01	3.86E-01	5.15E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04
47748989	1.87E-04	2.76E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.81E-02	1.04E-08	8.21E-05	9.01E-04	0.00E+00	0.00E+00	4.86E-13	9.40E-12	6.74E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-06	9.71E-04	3.86E-01	0.00E+00	4.24E-11	1.42E-09	2.27E-04	6.92E-07	5.15E-04	0.00E+00	3.86E-01	1.09E-09	3.86E-01	3.86E-01	5.15E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04
47753522	7.74E-05	4.90E-02	2.00E-07	4.90E-02	7.41E-08	0.00E+00	1.43E+00	1.83E-07	1.40E-05	1.54E-04	0.00E+00	2.05E-04	9.60E-12	1.83E-10	1.73E-03	2.10E-04	0.00E+00	0.00E+00	4.11E-05	4.55E-03	8.70E-01	0.00E+00	5.94E-10	6.64E-10	4.98E-05	3.60E-06	2.74E-03	0.00E+00	8.70E-01	1.75E-08	8.70E-01	8.73E-01	2.74E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-03
47753525	3.07E-04	4.85E-02	0.00E+00	4.85E-02	0.00E+00	0.00E+00	3.18E-02	1.82E-08	1.44E-04	1.58E-03	0.00E+00	0.00E+00	8.53E-13	1.65E-11	1.18E-04	0.00E+00	0.00E+00	0.00E+00	4.29E-06	1.70E-03	6.77E-01	0.00E+00	7.44E-11	2.50E-09	3.99E-04	1.21E-06	9.03E-04	0.00E+00	6.77E-01	1.91E-09	6.77E-01	6.78E-01	9.03E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04
47753532	3.09E-04	4.99E-02	5.59E-08	4.98E-02	1.85E-08	0.00E+00	6.46E-01	6.97E-08	1.44E-04	1.57E-03	0.00E+00	5.70E-05	3.58E-12	6.87E-11	5.59E-04	4.91E-05	0.00E+00	0.00E+00	1.56E-05	3.24E-03	7.88E-01	0.00E+00	2.22E-10	2.45E-09	3.95E-04	2.80E-06	2.13E-03	0.00E+00	7.88E-01	6.23E-09	7.88E-01	7.90E-01	2.13E-03	0.00E+00	0.00E+00	0.00E+00	6.46E-04
47753535	3.41E-04	5.05E-02	0.00E+00	5.05E-02	0.00E+00	0.00E+00	3.31E-02	1.90E-08	1.50E-04	1.65E-03	0.00E+00	0.00E+00	8.88E-13	1.72E-11	1.23E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-06	1.77E-03	7.05E-01	0.00E+00	7.75E-11	2.60E-09	4.15E-04	1.26E-06	9.41E-04	0.00E+00	7.05E-01	1.99E-09	7.05E-01	7.06E-01	9.41E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
47753542	3.35E-04	5.12E-02	1.93E-08	5.12E-02	8.61E-09	0.00E+00	4.76E-01	4.82E-08	1.51E-04	1.65E-03	0.00E+00	1.91E-05	1.65E-12	3.24E-11	2.71E-04	2.36E-05	0.00E+00	0.00E+00	1.08E-05	2.09E-03	7.89E-01	0.00E+00	1.29E-10	2.61E-09	4.16E-04	1.81E-06	1.40E-03	0.00E+00	7.89E-01	3.57E-09	7.89E-01	7.89E-01	1.40E-03	0.00E+00	0.00E+00	0.00E+00	4.70E-04
47753545	3.61E-04	5.34E-02	0.00E+00	5.34E-02	0.00E+00	0.00E+00	3.51E-02	2.01E-08	1.59E-04	1.74E-03	0.00E+00	0.00E+00	9.41E-13	1.82E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	4.73E-06	1.88E-03	7.47E-01	0.00E+00	8.20E-11	2.76E-09	4.40E-04	1.34E-06	9.96E-04	0.00E+00	7.47E-01	2.11E-09	7.47E-01	7.48E-01	9.96E-04	0.00E+00	0.00E+00	0.00E+00	2.03E-04
47753552	2.19E-04	5.19E-02	4.57E-10	5.19E-02	2.05E-11	0.00E+00	3.51E-02	2.02E-08	1.02E-04	9.30E-04	0.00E+00	0.00E+00	9.96E-13	2.05E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-06	1.88E-03	7.81E-01	0.00E+00	1.02E-10	1.93E-09	2.83E-04	1.39E-06	1.02E-03	0.00E+00	7.81E-01	2.58E-09	7.81E-01	8.19E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	2.35E-04
47753555	3.09E-04	5.02E-02	4.57E-10	5.03E-02	2.05E-11	0.00E+00	3.42E-02	1.93E-08	1.47E-04	1.61E-03	0.00E+00	0.00E+00	9.23E-13	1.81E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.80E-03	7.12E-01	0.00E+00	8.10E-11	2.56E-09	4.01E-04	1.27E-06	9.55E-04	0.00E+00	7.12E-01	2.02E-09	7.12E-01	7.52E-01	9.55E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04
47753565	3.04E-04	5.14E-02	4.57E-10	5.14E-02	2.05E-11	0.00E+00	3.37E-02	1.95E-08	1.40E-04	1.60E-03	0.00E+00	0.00E+00	9.13E-13	1.78E-11	1.25E-04	0.00E+00	0.00E+00	0.00E+00	4.59E-06	1.82E-03	7.55E-01	0.00E+00	7.91E-11	2.49E-09	3.79E-04	1.31E-06	9.68E-04	0.00E+00	7.55E-01	2.04E-09	7.55E-01	7.50E-01	9.68E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-04
47761404	1.96E-04	3.05E-02	4.57E-10	3.05E-02	2.05E-11	0.00E+00	2.00E-02	1.14E-08	9.11E-05	9.95E-04	0.00E+00	0.00E+00	5.37E-13	1.04E-11	7.40E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	1.08E-03	4.26E-01	0.00E+00	4.67E-11	1.59E-09	2.51E-04	7.55E-07	5.68E-04	0.00E+00	4.26E-01	1.21E-09	4.26E-01	4.26E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
47761606	1.87E-04	2.76E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.81E-02	1.04E-08	8.21E-05	9.01E-04	0.00E+00	0.00E+00	4.86E-13	9.40E-12	6.74E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-06	9.71E-04	3.86E-01	0.00E+00	4.24E-11	1.42E-09	2.27E-04	6.92E-07	5.15E-04	0.00E+00	3.86E-01	1.09E-09	3.86E-01	3.86E-01	5.15E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04
47761909	1.97E-04	2.91E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.91E-02	1.09E-08	8.65E-05	9.49E-04	0.00E+00	0.00E+00	5.12E-13	9.91E-12	7.10E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	1.02E-03	4.07E-01	0.00E+00	4.47E-11	1.50E-09	2.39E-04	7.29E-07	5.43E-04	0.00E+00	4.07E-01	1.15E-09	4.07E-01	4.07E-01	5.43E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
47771404	2.34E-04	2.69E-02	4.57E-10	2.70E-02	2.05E-11	0.00E+00	1.73E-02	1.04E-08	8.05E-05	8.45E-04	0.00E+00	0.00E+00	4.86E-13	1.05E-11	6.75E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	1.05E-03	3.78E-01	0.00E+00	4.09E-11	1.36E-09	2.13E-04	6.58E-07	4.95E-04	0.00E+00	3.78E-01	1.10E-09	3.78E-01	3.74E-01	4.95E-04	0.00E+00	0.00E+00	0.00E+00	9.99E-05
47771606	1.72E-04	2.64E-02	4.57E-10	2.64E-02	2.05E-11	0.00E+00	1.73E-02	9.87E-09	7.83E-05	8.61E-04	0.00E+00	0.00E+00	4.63E-13	9.00E-12	6.40E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	9.21E-04	3.69E-01	0.00E+00	4.08E-11	1.35E-09	2.17E-04	6.58E-07	4.88E-04	0.00E+00	3.69E-01	1.04E-09	3.69E-01	3.69E-01	4.88E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-04
47771909	1.95E-04	2.94E-02	4.57E-10	2.94E-02	2.05E-11	0.00E+00	1.99E-02	1.10E-08	8.69E-05	9.88E-04	0.00E+00	0.00E+00	5.18E-13	1.00E-11	7.09E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	1.03E-03	4.10E-01	0.00E+00	4.48E-11	1.52E-09	2.42E-04	7.32E-07	5.48E-04	0.00E+00	4.10E-01	1.16E-09	4.10E-01	4.12E-01	5.48E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
47781404	2.59E-04	3.02E-02	4.57E-10	3.02E-02	2.05E-11	0.00E+00	1.93E-02	1.13E-08	8.89E-05	9.42E-04	0.00E+00	0.00E+00	5.29E-13	1.11E-11	7.38E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	1.13E-03	4.18E-01	0.00E+00	4.53E-11	1.50E-09	2.35E-04	7.41E-07	5.55E-04	0.00E+00	4.18E-01	1.22E-09	4.18E-01	4.18E-01	5.55E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04
47781606	1.50E-04	2.56E-02	4.57E-10	2.56E-02	2.05E-11	0.00E+00	1.66E-02	9.86E-09	7.17E-05	7.87E-04	0.00E+00	0.00E+00	4.60E-13	1.01E-11	6.51E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	9.99E-04	3.68E-01	0.00E+00	3.91E-11	1.23E-09	1.97E-04	6.25E-07	4.73E-04	0.00E+00	3.68E-01	1.05E-09	3.68E-01	3.63E-01	4.73E-04	0.00E+00	0.00E+00	0.00E+00	9.46E-05
47781909	1.80E-04	2.66E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.74E-02	9.98E-09	7.90E-05	8.66E-04	0.00E+00	0.00E+00	4.68E-13	9.04E-12	6.48E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	9.34E-04	3.71E-01	0.00E+00	4.08E-11	1.37E-09	2.19E-04	6.65E-07	4.95E-04	0.00E+00	3.71E-01	1.05E-09	3.71E-01	3.72E-01	4.95E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
47791909	1.92E-04	2.85E-02	4.57E-10	2.85E-02	2.05E-11	0.00E+00	1.87E-02	1.07E-08	8.40E-05	9.30E-04	0.00E+00	0.00E+00	5.02E-13	9.73E-12	6.82E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	9.91E-04	3.97E-01	0.00E+00	4.36E-11	1.46E-09	2.35E-04	7.14E-07	5.25E-04	0.00E+00	3.97E-01	1.12E-09	3.97E-01	3.99E-01	5.25E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04
47843512	3.51E-04	5.19E-02	0.00E+00	5.19E-02	0.00E+00	0.00E+00	3.41E-02	1.95E-08	1.54E-04	1.69E-03	0.00E+00	0.00E+00	9.14E-13	1.77E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.60E-06	1.83E-03	7.26E-01	0.00E+00	7.97E-11	2.68E-09	4.27E-04	1.30E-06	9.68E-04	0.00E+00	7.26E-01	2.05E-09	7.26E-01	7.27E-01	9.68E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-04
47843515	2.96E-04	4.67E-02	0.00E+00	4.67E-02	0.00E+00	0.00E+00	3.06E-02	1.75E-08	1.39E-04	1.52E-03	0.00E+00	0.00E+00	8.22E-13	1.59E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.13E-06	1.64E-03	6.52E-01	0.00E+00	7.17E-11	2.41E-09	3.84E-04	1.17E-06	8.70E-04	0.00E+00	6.52E-01	1.84E-09	6.52E-01	6.53E-01	8.70E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-04
47843532	3.29E-04	5.06E-02	2.16E-08	5.07E-02	6.38E-09	0.00E+00	4.78E-01	4.62E-08	1.47E-04	1.63E-03	0.00E+00	2.23E-05	1.64E-12	3.23E-11	2.79E-04	1.73E-05	0.00E+00	0.00E+00	1.02E-05	1.96E-03	7.89E-01	0.00E+00	1.28E-10	2.58E-09	4.10E-04	1.52E-06	1.18E-03	0.00E+00	7.89E-01	3.53E-09	7.89E-01	7.89E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	4.54E-04
47843535	3.36E-04	5.12E-02	6.13E-08	5.13E-02	1.44E-08	0.00E+00	6.02E-01	6.88E-08	1.51E-04	1.65E-03	0.00E+00	5.97E-05	3.60E-12	7.01E-11	6.09E-04	3.84E-05	0.00E+00	0.00E+00	1.48E-05	3.20E-03	7.77E-01	0.00E+00	2.33E-10	2.59E-09	4.14E-04	2.79E-06	2.14E-03	0.00E+00	7.77E-01	6.77E-09	7.77E-01	7.72E-01	2.14E-03	0.00E+00	0.00E+00	0.00E+00	6.56E-04
47843542	2.97E-04	4.57E-02	1.92E-08	4.57E-02	5.44E-09	0.00E+00	4.45E-01	3.68E-08	1.47E-04	1.62E-03	0.00E+00	1.85E-05	1.48E-12	2.72E-11	2.25E-04	1.53E-05	0.00E+00	0.00E+00	9.29E-06	1.91E-03	7.19E-01	0.00E+00	1.06E-10	2.44E-09	4.04E-04	1.37E-06	1.04E-03	0.00E+00	7.19E-01	3.06E-09	7.19E-01	7.22E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	3.66E-04
47843545	3.41E-04	5.05E-02	0.00E+00	5.05E-02	0.00E+00	0.00E+00	3.31E-02	1.90E-08	1.50E-04	1.65E-03	0.00E+00	0.00E+00	8.88E-13	1.72E-11	1.23E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-06	1.77E-03	7.05E-01	0.00E+00	7.75E-11	2.60E-09	4.15E-04	1.26E-06	9.41E-04	0.00E+00	7.05E-01	1.99E-09	7.05E-01	7.06E-01	9.41E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
47851606	1.54E-04	2.39E-02	4.57E-10	2.39E-02	2.05E-11	0.00E+00	1.61E-02	9.11E-09	7.05E-05	7.85E-04	0.00E+00	0.00E+00	4.30E-13	8.25E-12	6.06E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.50E-04	3.55E-01	0.00E+00	3.87E-11	1.23E-09	1.98E-04	6.15E-07	4.52E-04	0.00E+00	3.55E-01	9.67E-10	3.55E-01	3.55E-01	4.52E-04	0.00E+00	0.00E+00	0.00E+00	9.37E-05
47851909	1.67E-04	2.60E-02	4.57E-10	2.60E-02	2.05E-11	0.00E+00	1.72E-02	9.85E-09	7.71E-05	8.33E-04	0.00E+00	0.00E+00	4.61E-13	8.92E-12	6.37E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-06	9.21E-04	3.68E-01	0.00E+00	4.07E-11	1.34E-09	2.11E-04	6.56E-07	4.83E-04	0.00E+00	3.68E-01	1.03E-09	3.68E-01	3.68E-01	4.83E-04	0.00E+00	0.00E+00	0.00E+00	9.99E-05

47861949	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.15E-02	6.64E-09	5.30E-05	5.71E-04	0.00E+00	0.00E+00	3.11E-13	6.03E-12	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.22E-04	2.46E-01	0.00E+00	2.72E-11	9.15E-10	1.45E-04	4.43E-07	3.30E-04	0.00E+00	2.46E-01	6.93E-10	2.46E-01	2.47E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
47867109	1.28E-04	2.01E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.30E-02	7.49E-09	5.90E-05	6.53E-04	0.00E+00	0.00E+00	3.51E-13	6.76E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.98E-04	2.77E-01	0.00E+00	3.06E-11	1.02E-09	1.65E-04	4.97E-07	3.69E-04	0.00E+00	2.77E-01	7.88E-10	2.77E-01	2.77E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
47871909	1.61E-04	2.49E-02	4.57E-10	2.49E-02	2.05E-11	0.00E+00	1.65E-02	9.41E-09	7.37E-05	8.15E-04	0.00E+00	0.00E+00	4.38E-13	8.49E-12	6.15E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	8.76E-04	3.58E-01	0.00E+00	3.91E-11	1.28E-09	2.06E-04	6.31E-07	4.69E-04	0.00E+00	3.58E-01	9.87E-10	3.58E-01	3.60E-01	4.69E-04	0.00E+00	0.00E+00	0.00E+00	9.52E-05
478816	3.70E-05	5.45E-03	4.57E-10	5.45E-03	2.05E-11	0.00E+00	3.58E-03	2.07E-09	1.71E-05	1.92E-04	0.00E+00	0.00E+00	9.50E-14	1.96E-12	1.34E-05	0.00E+00	0.00E+00	0.00E+00	5.09E-07	2.10E-04	7.63E-02	0.00E+00	8.61E-12	2.95E-10	4.35E-05	1.41E-07	1.01E-04	0.00E+00	7.63E-02	2.17E-10	7.63E-02	7.54E-02	1.01E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05
478819	3.64E-05	5.45E-03	4.57E-10	5.45E-03	2.05E-11	0.00E+00	3.62E-03	2.08E-09	1.69E-05	1.82E-04	0.00E+00	0.00E+00	9.60E-14	2.27E-12	1.53E-05	0.00E+00	0.00E+00	0.00E+00	5.21E-07	2.14E-04	7.68E-02	0.00E+00	8.68E-12	2.93E-10	4.35E-05	1.48E-07	1.06E-04	0.00E+00	7.68E-02	2.18E-10	7.68E-02	7.59E-02	1.06E-04	0.00E+00	0.00E+00	0.00E+00	2.07E-05
478826	3.74E-05	5.49E-03	4.57E-10	5.49E-03	2.05E-11	0.00E+00	3.63E-03	2.07E-09	1.74E-05	1.90E-04	0.00E+00	0.00E+00	9.70E-14	2.25E-12	1.53E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-07	2.13E-04	7.73E-02	0.00E+00	8.77E-12	2.99E-10	4.51E-05	1.43E-07	1.05E-04	0.00E+00	7.73E-02	2.18E-10	7.73E-02	7.61E-02	1.05E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05
478829	3.73E-05	5.45E-03	4.57E-10	5.45E-03	2.05E-11	0.00E+00	3.58E-03	2.07E-09	1.69E-05	1.86E-04	0.00E+00	0.00E+00	9.60E-14	2.24E-12	1.52E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.09E-04	7.64E-02	0.00E+00	8.64E-12	2.95E-10	4.36E-05	1.41E-07	1.03E-04	0.00E+00	7.64E-02	2.17E-10	7.64E-02	7.57E-02	1.03E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05
478836	3.64E-05	5.46E-03	4.57E-10	5.46E-03	2.05E-11	0.00E+00	3.58E-03	2.08E-09	1.71E-05	1.89E-04	0.00E+00	0.00E+00	9.60E-14	2.26E-12	1.53E-05	0.00E+00	0.00E+00	0.00E+00	5.19E-07	2.11E-04	7.66E-02	0.00E+00	8.69E-12	2.94E-10	4.33E-05	1.47E-07	1.05E-04	0.00E+00	7.66E-02	2.18E-10	7.66E-02	7.59E-02	1.05E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-05
478869	4.16E-05	6.88E-03	4.57E-10	6.88E-03	2.05E-11	0.00E+00	4.52E-03	2.62E-09	1.93E-05	2.16E-04	0.00E+00	0.00E+00	1.43E-13	3.20E-12	2.86E-05	0.00E+00	0.00E+00	0.00E+00	7.69E-07	2.54E-04	9.64E-02	0.00E+00	1.15E-11	3.41E-10	5.11E-05	1.78E-07	1.41E-04	0.00E+00	9.64E-02	2.72E-10	9.64E-02	9.60E-02	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.64E-05
47893502	1.94E-04	3.02E-02	9.67E-09	3.02E-02	8.94E-10	0.00E+00	6.29E-02	2.05E-08	9.81E-05	1.09E-03	0.00E+00	9.78E-06	1.10E-12	1.98E-11	1.80E-04	6.20E-06	0.00E+00	0.00E+00	5.16E-06	1.56E-03	4.86E-01	0.00E+00	8.86E-11	1.59E-09	2.66E-04	1.06E-06	7.76E-04	0.00E+00	4.86E-01	2.28E-09	4.86E-01	4.83E-01	7.76E-04	0.00E+00	0.00E+00	0.00E+00	2.16E-04
47893505	2.00E-04	3.16E-02	0.00E+00	3.16E-02	0.00E+00	0.00E+00	2.07E-02	1.19E-08	9.38E-05	1.03E-03	0.00E+00	0.00E+00	5.55E-13	1.07E-11	7.70E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-06	1.11E-03	4.41E-01	0.00E+00	4.85E-11	1.63E-09	2.60E-04	7.90E-07	5.88E-04	0.00E+00	4.41E-01	1.24E-09	4.41E-01	4.42E-01	5.88E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
47893522	3.49E-04	5.20E-02	4.62E-08	5.21E-02	1.40E-08	0.00E+00	4.05E-01	6.08E-08	1.50E-04	1.64E-03	0.00E+00	5.16E-05	3.40E-12	6.62E-11	5.50E-04	4.23E-05	0.00E+00	0.00E+00	1.41E-05	3.22E-03	8.02E-01	0.00E+00	2.17E-10	2.82E-09	4.49E-04	2.81E-06	2.13E-03	0.00E+00	8.02E-01	5.89E-09	8.02E-01	8.09E-01	2.13E-03	0.00E+00	0.00E+00	0.00E+00	5.83E-04
47893525	3.67E-04	5.78E-02	0.00E+00	5.78E-02	0.00E+00	0.00E+00	3.79E-02	2.17E-08	1.72E-04	1.89E-03	0.00E+00	0.00E+00	1.02E-12	1.97E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.12E-06	2.03E-03	8.08E-01	0.00E+00	8.88E-11	2.98E-09	4.76E-04	1.45E-06	1.08E-03	0.00E+00	8.08E-01	2.28E-09	8.08E-01	8.09E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-04
47911404	2.52E-04	2.94E-02	4.57E-10	2.93E-02	2.05E-11	0.00E+00	1.87E-02	1.09E-08	8.70E-05	9.10E-04	0.00E+00	0.00E+00	5.14E-13	1.09E-11	7.21E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	1.10E-03	4.05E-01	0.00E+00	4.30E-11	1.45E-09	2.28E-04	7.11E-07	5.42E-04	0.00E+00	4.05E-01	1.18E-09	4.05E-01	4.02E-01	5.42E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
47911606	1.96E-04	3.08E-02	4.57E-10	3.07E-02	2.05E-11	0.00E+00	2.01E-02	1.14E-08	9.23E-05	9.96E-04	0.00E+00	0.00E+00	5.38E-13	1.04E-11	7.44E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	1.08E-03	4.29E-01	0.00E+00	4.70E-11	1.61E-09	2.52E-04	8.02E-07	5.80E-04	0.00E+00	4.29E-01	1.21E-09	4.29E-01	4.31E-01	5.80E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
47911616	1.74E-04	2.66E-02	4.57E-10	2.67E-02	2.05E-11	0.00E+00	1.75E-02	9.98E-09	7.87E-05	8.69E-04	0.00E+00	0.00E+00	4.66E-13	9.08E-12	6.46E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	9.41E-04	3.73E-01	0.00E+00	4.11E-11	1.36E-09	2.18E-04	6.66E-07	4.96E-04	0.00E+00	3.73E-01	1.05E-09	3.73E-01	3.73E-01	4.96E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
47911909	1.96E-04	3.07E-02	4.57E-10	3.07E-02	2.05E-11	0.00E+00	2.00E-02	1.14E-08	9.20E-05	9.92E-04	0.00E+00	0.00E+00	5.39E-13	1.04E-11	7.44E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	1.08E-03	4.28E-01	0.00E+00	4.67E-11	1.60E-09	2.53E-04	7.95E-07	5.78E-04	0.00E+00	4.28E-01	1.21E-09	4.28E-01	4.28E-01	5.78E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
47911919	1.94E-04	2.88E-02	0.00E+00	2.88E-02	0.00E+00	0.00E+00	1.89E-02	1.08E-08	8.55E-05	9.38E-04	0.00E+00	0.00E+00	5.06E-13	9.79E-12	7.01E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	1.01E-03	4.02E-01	0.00E+00	4.41E-11	1.48E-09	2.36E-04	7.20E-07	5.36E-04	0.00E+00	4.02E-01	1.13E-09	4.02E-01	4.02E-01	5.36E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
47921404	1.83E-04	2.72E-02	4.57E-10	2.72E-02	2.05E-11	0.00E+00	1.76E-02	1.01E-08	8.13E-05	8.85E-04	0.00E+00	0.00E+00	4.71E-13	9.11E-12	6.58E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	9.59E-04	3.81E-01	0.00E+00	4.13E-11	1.41E-09	2.23E-04	6.75E-07	5.06E-04	0.00E+00	3.81E-01	1.05E-09	3.81E-01	3.82E-01	5.06E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04
47921606	1.72E-04	2.65E-02	4.57E-10	2.66E-02	2.05E-11	0.00E+00	1.74E-02	9.92E-09	7.84E-05	8.64E-04	0.00E+00	0.00E+00	4.64E-13	9.04E-12	6.43E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	9.28E-04	3.70E-01	0.00E+00	4.09E-11	1.36E-09	2.18E-04	6.63E-07	4.92E-04	0.00E+00	3.70E-01	1.04E-09	3.70E-01	3.70E-01	4.92E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
47921909	1.95E-04	2.94E-02	4.57E-10	2.95E-02	2.05E-11	0.00E+00	2.00E-02	1.10E-08	8.70E-05	9.90E-04	0.00E+00	0.00E+00	5.19E-13	1.00E-11	7.10E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	1.03E-03	4.11E-01	0.00E+00	4.49E-11	1.52E-09	2.43E-04	7.40E-07	5.49E-04	0.00E+00	4.11E-01	1.16E-09	4.11E-01	4.12E-01	5.49E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04
47931909	1.78E-04	2.64E-02	0.00E+00	2.64E-02	0.00E+00	0.00E+00	1.73E-02	9.91E-09	7.84E-05	8.61E-04	0.00E+00	0.00E+00	4.64E-13	8.98E-12	6.44E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	9.28E-04	3.69E-01	0.00E+00	4.05E-11	1.36E-09	2.17E-04	6.61E-07	4.92E-04	0.00E+00	3.69E-01	1.04E-09	3.69E-01	3.69E-01	4.92E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-04
47941606	1.85E-04	2.98E-02	4.57E-10	2.97E-02	2.05E-11	0.00E+00	1.90E-02	1.12E-08	8.37E-05	9.02E-04	0.00E+00	0.00E+00	5.23E-13	1.10E-11	7.23E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	1.11E-03	4.12E-01	0.00E+00	4.39E-11	1.43E-09	2.27E-04	7.24E-07	5.47E-04	0.00E+00	4.12E-01	1.21E-09	4.12E-01	4.09E-01	5.47E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
47941909	1.61E-04	2.49E-02	4.57E-10	2.49E-02	2.05E-11	0.00E+00	1.65E-02	9.41E-09	7.37E-05	8.15E-04	0.00E+00	0.00E+00	4.38E-13	8.49E-12	6.15E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	8.76E-04	3.58E-01	0.00E+00	3.91E-11	1.28E-09	2.06E-04	6.31E-07	4.69E-04	0.00E+00	3.58E-01	9.87E-10	3.58E-01	3.60E-01	4.69E-04	0.00E+00	0.00E+00	0.00E+00	9.52E-05
47951909	1.70E-04	2.68E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.76E-02	1.01E-08	7.96E-05	8.74E-04	0.00E+00	0.00E+00	4.71E-13	9.12E-12	6.53E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	9.42E-04	3.74E-01	0.00E+00	4.11E-11	1.38E-09	2.20E-04	6.71E-07	4.99E-04	0.00E+00	3.74E-01	1.06E-09	3.74E-01	3.75E-01	4.99E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
47958982	1.63E-04	2.41E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.58E-02	9.05E-09	7.16E-05	7.86E-04	0.00E+00	0.00E+00	4.24E-13	8.21E-12	5.88E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	8.47E-04	3.37E-01	0.00E+00	3.70E-11	1.24E-09	1.98E-04	6.03E-07	4.49E-04	0.00E+00	3.37E-01	9.50E-10	3.37E-01	3.37E-01	4.49E-04	0.00E+00	0.00E+00	0.00E+00	9.17E-05
47958989	1.44E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.49E-02	8.52E-09	6.74E-05	7.40E-04	0.00E+00	0.00E+00	3.99E-13	7.72E-12	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	7.97E-04	3.17E-01	0.00E+00	3.48E-11	1.17E-09	1.87E-04	5.68E-07	4.23E-04	0.00E+00	3.17E-01	8.94E-10	3.17E-01	3.17E-01	4.23E-04	0.00E+00	0.00E+00	0.00E+00	8.63E-05
48038989	3.69E-05	2.34E-02	9.57E-08	2.34E-02	3.54E-08	0.00E+00	6.82E-01	8.74E-08	6.70E-06	7.35E-05	0.00E+00	9.78E-05	4.58E-12	8.74E-11	8.27E-04	1.00E-04	0.00E+00	0.00E+00	1.96E-05	2.17E-03	4.15E-01	0.00E+00	2.84E-10	3.17E-10	2.38E-05	1.72E-06	1.31E-03	0.00E+00	4.15E-01	8.34E-09	4.15E-01	4.17E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	8.42E-04
53420212	1.59E-04	1.55E-02	4.57E-10	1.55E-02	2.05E-11	0.00E+00	1.02E-02	5.84E-09	7.27E-05	8.01E-04	0.00E+00	0.00E+00	2.72E-13	5.31E-12	3.78E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-06	5.44E-04	2.16E-01	0.00E+00	2.36E-11	1.34E-09	1.82E-04	3.88E-07	2.88E-04	0.00E+00	2.16E-01	6.10E-10	2.16E-01	2.17E-01	2.88E-04	0.00E+00	0.00E+00	0.00E+00	5.94E-05
53420216	9.83E-05	1.45E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	9.54E-03	5.46E-09	4.32E-05	4.74E-04	0.00E+00	0.00E+00	2.56E-13	4.95E-12	3.55E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-06	5.11E-04	2.03E-01	0.00E+00	2.23E-11	7.50E-10	1.20E-04	3.64E-07	2.71E-04	0.00E+00	2.03E-01	5.73E-10	2.03E-01	2.03E-01	2.71E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-05
53420219	8.92E-05	1.41E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	9.23E-03	5.28E-09	4.18E-05	4.59E-04	0.00E+00	0.00E+00	2.48E-13	4.79E-12	3.43E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.95E-04	1.97E-01	0.00E+00	2.16E-11	7.26E-10	1.16E-04	3.52E-07	2.62E-04	0.00E+00	1.97E-01	5.55E-10	1.97E-01	1.97E-01	2.62E-04	0.00E+00	0.00E+00	0.00E+00	5.35E-05
53420409	1.37E-04	2.14E-02	5.00E-09	2.13E-02	1.81E-09	0.00E+00	8.82E-02	2.10E-08	6.34E-05	6.93E-04	0.00E+00	5.52E-06	6.01E-13	1.22E-11	8.58E-05	6.93E-06	0.00E+00	0.00E+00	5.05E-06	9.28E-04	3.26E-01	0.00E+00	4.85E-11	1.09E-09	1.76E-04	5.93E-07	4.38E-04	0.00E+00	3.26E-01	1.24E-09	3.26E-01	3.30E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-04
61419308	3.76E-05	5.79E-03	4.57E-10	5.80E-03	2.05E-11	0.00E+00	3.78E-03	2.35E-09	1.78E-05	1.92E-04	0.00E+00	0.00E+00	1.06E-13	2.27E-12	1.76E-05	0.00E+00	0.00E+00	0.00E+00	5.50E-07	2.12E-04	8.08E-02	0.00E+00	9.00E-12	3.08E-10	4.85E-05	1.45E-07	1.08E-04	0.00E+00	8.08E-02	2.27E-10	8.08E-02	8.09E-02	1.08E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05
6147431909	1.12E-04	1.66E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.09E-02	6.22E-09	4.92E-05	5.40E-04	0.00E+00	0.00E+00	2.91E-13	5.64E-12	4.04E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.82E-04	2.31E-01	0.00E+00	2.54E-11	8.54E-10	1.36E-04	4.15E-07	3.09E-04	0.00E+00	2.31E-01	6.53E-10	2.31E-01	2.32E-01	3.09E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-05
6147438982	1.19E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.04E-09	5.57E-05	6.11E-04	0.00E+00	0.00E+00	3.30E-13	6.38E-12	4.57E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.58E-04	2.62E-01	0.00E+00	2.88E-11	9.66E-10	1.54E-04	4.69E-07	3.49E-04	0.00E+00	2.62E-01	7.38E-10	2.62E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-05
6147438989	1.06E-04	1.68E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.10E-02	6.30E-09	4.99E-05	5.47E-04	0.00E+00	0.00E+00	2.95E-13	5.71E-12	4.09E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-06	5.90E-04	2.34E-01	0.00E+00	2.58E-11	8.65E-10	1.38E-04	4.20E-07	3.13E-04	0.00E+00	2.34E-01	6.61E-10	2.34E-01	2.35E-01	3.13E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-05
61600049	4.73E-05	1.31E-02	1.46E-08	1.31E-02	5.58E-09	0.00E+00	8.97E-02	1.61E-08	3.36E-05	3.77E-04	0.00E+00	1.57E-05	8.46E-13	1.60E-11	1.50E-04	1.40E-05	0.00E+00	0.00E+00	3.85E-06	8.18E-04	2.34E-01	0.00E+00	6.05E-11	5.88E-10	9.99E-05	6.85E-07	5.42E-04	0.00E+00	2.34E-01	1.84E-09	2.34E-01	2.36E-01	5.42E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
61604049	1.24E-04	2.75E-02	8.10E-08	2.75E-02	4.49E-08	0.00E+00	9.10E-01	9.92E-08	2.58E-05	2.94E-04	0.00E+00	8.29E-05	4.17E-12	7.86E-11	7.46E-04	1.27E-04	0.00E+00	0.00E+00	2.17E-05	2.03E-03	4.64E-01	0.00E+00	2.53E-10	6.60E-10	6.34E-05	1.56E-06	1.16E-03	0.00E+00	4.64E-01	7.50E-09	4.64E-01	4.57E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	9.49E-04
6161032045	8.55E-05	1.33E-02	4.57E-10	1.34E-02	2.05E-11	0.00E+00	8.86E-03	5.07E-09	3.97E-05	4.41E-04	0.00E+00	0.00E+00	2.38E-13	4.55E-12	3.28E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-06	4.70E-04	1.89E-01	0.00E+00	2.04E-11	6.89E-10	1.11E-04	3.37E-07	2.51E-04	0.00E+00	1.89E-01	5.34E-10	1.89E-01	1.88E-01	2.51E-04	0.00E+00	0.00E+00	0.00E+00	5.09E-05
6161032089	8.56E-05	1.33E-02	4.57E-10	1.34E-02	2.05E-11	0.00E+00	8.88E-03	5.07E-09	3.93E-05	4.41E-04	0.00E+00	0.00E+00	2.38E-13	4.55E-12	3.28E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-06	4.71E-04	1.89E-01	0.00E+00	2.04E-11	6.88E-10	1.09E-04	3.37E-07	2.51E-04	0.00E+00	1.89E-01	5.34E-10	1.89E-01	1.89E-01	2.51E-04	0.00E+00	0.00E+00	0.00E+00	5.09E-05
6161036084	9.16E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.29E-03	5.43E-09	4.29E-05	4.70E-04	0.00E+00	0.00E+00	2.49E-13	4.81E-12	3.47E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.98E-04	2.00E-01	0.00E+00	2.18E-11	7.45E-10	1.18E-04	3.59E-07	2.66E-04	0.00E+00	2.00E-01	5.69E-10	2.00E-01	2.01E-01	2.66E-04	0.00E+00	0.00E+00	0.00E+00	5.42E-05
6161036086	9.37E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.29E-03	5.46E-09	4.29E-05	4.70E-04	0.00E+00	0.00E+00	2.49E-13	4.81E-12	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.99E-04	2.01E-01	0.00E+00	2.18E-11	7.46E-10	1.18E-04	3.59E-07	2.67E-04	0.00E+00	2.01E-01	5.69E-10	2.01E-01	2.02E-01	2.67E-04	0.00E+00	0.00E+00	0.00E+00	5.42E-05
6161036089	9.37E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.29E-03	5.47E-09	4.30E-05	4.70E-04	0.00E+00	0.00E+00	2.49E-13	4.81E-12	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.99E-04	2.01E-01	0.00E+00	2.18E-11	7.46E-10	1.18E-04	3.59E-07	2.68E-04	0.00E+00	2.01E-01	5.69E-10	2.01E-01	2.02E-01	2.68E-04	0.00E+00	0.00E+00	0.00E+00	5.42E-05
6167031909	9.56E-05	1.41E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	9.28E-03	5.32E-09	4.21E-05	4.61E-04	0.00E+00	0.00E+00	2.49E-13	4.82E-12	3.45E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.97E-04	1.98E-01	0.00E+00	2.17E-11	7.30E-10	1.16E-04	3.54E-07	2.64E-04	0.00E+00	1.98E-01	5.58E-10	1.98E-01	1.98E-01	2.64E-04	0.00E+00	0.00E+00	0.00E+00	5.38E-05
6167032045	9.04E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.35E-03	5.39E-09	4.27E-05	4.68E-04	0.00E+00	0.00E+00	2.50E-13	4.84E-12	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-06	5.01E-04	1.99E-01	0.00E+00	2.18E-11	7.42E-10	1.18E-04	3.55E-07	2.65E-04	0.00E+00	1.99E-01	5.68E-10	1.99E-01	2.00E-01	2.65E-04	0.00E+00	0.00E+00	0.00E+00	5.43E-05
6167032089	9.06E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.35E-03	5.39E-09	4.22E-05	4.66E-04	0.00E+00	0.00E+00	2.50E-13	4.84E-12	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-06	5.01E-04	1.99E-01	0.00E+00	2.18E-11	7.37E-10	1.17E-04	3.55E-07	2.65E-04	0.00E+00	1.99E-01	5.68E-10	1.99E-01	2.00E-01	2.65E-04	0.00E+00	0.00E+00	0.00E+00	5.43E-05
6167036084	9.56E-05	1.46E-02	4.57E-10	1.46E-02	2.05E-11	0.00E+00	9.58E-03	5.49E-09	4.32E-05	4.75E-04	0.00E+00	0.00E+00	2.59E-13	4.99E-12	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.10E-04	2.02E-01	0.00E+00	2.24E-11	7.49E-10	1.20E-04	3.63E-07	2.71E-04	0.00E+00	2.02E-01	5.73E-10	2.02E-01	2.03E-01	2.71E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-05
6167036086	9.56E-05	1.46E-02	4.57E-10	1.46E-02	2.05E-11	0.00E+00	9.58E-03	5.49E-09	4.32E-05	4.75E-04	0.00E+00	0.00E+00	2.59E-13	4.99E-12	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.10E-04	2.02E-01	0.00E+00	2.24E-11	7.49E-10	1.20E-04	3.63E-07	2.71E-04	0.00E+00	2.02E-01	5.73E-10	2.02E-01	2.03E-01	2.71E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-05
6167036089	9.87E-05	1.46E-02	0.00E+00	1.46E-02	0.00E+00	0.00E+00	9.58E-03	5.49E-09	4.34E-05	4.76E-04	0.00E+00	0.00E+00	2.57E-13	4.97E-12	3.56E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-06	5.13E-04	2.04E-01	0.00E+00	2.24E-11	7.53E-10	1.20E-04	3.66E-07	2.72E-04	0.00E+00	2.04E-01	5.76E-10	2.04E-01	2.04E-01	2.72E-04	0.00E+00	0.00E+00	0.00E+00	5.55E-05
6167038982	9.65E-05	1.43E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	9.36E-03	5.36E-09	4.24E-05	4.65E-04	0.00E+00	0.00E+00	2.51E-13	4.86E-12	3.48E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-06	5.02E-04	1.99E-01	0.00E+00	2.19E-11	7.36E-10	1.17E-04	3.57E-07	2.66E-04	0.00E+00	1.99E-01	5.63E-10	1.99E-01	2.00E-01	2.66E-04	0.00E+00	0.00E+00	0.00E+00	5.43E-05
6167038989	8.94E-05	1.41E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	9.25E-03	5.30E-09	4.19E-05	4.60E-04	0.00E+00	0.00E+00	2.48E-13	4.80E-12	3.44E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.96E-04	1.97E-01	0.00E+00	2.16E-11	7.27E-10	1.16E-04	3.53E-07	2.63E-04	0.00E+00	1.97E-01	5.56E-10	1.97E-01	1.97E-01	2.63E-04	0.00E+00	0.00E+00	0.00E+00	5.36E-05
6167157003	9.36E-05	1.45E-02	4.57E-10	1.45E-02	2.05E-11	0.00E+00	9.39E-03	5.47E-09	4.27E-05	4.72E-04	0.00E+00	0.00E+00	2.56E-13	4.99E-12	3.55E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.09E-04	2.01E-01	0.00E+00	2.23E-11	7.39E-10	1.16E-04	3.63E-07	2.73E-04	0.00E+00	2.01E-01	5.69E-10	2.01E-01	2.02E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.50E-05
6167157006	9.07E-05	1.44E-02	4.57E-10	1.43E-02	2.05E-11	0.00E+00	9.28E-03	5.40E-09	4.22E-05	4.67E-04	0.00E+00	0.00E+00	2.49E-13	4.81E-12	3.45E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.98E-04	1.99E-01	0.00E+00	2.18E-11	7.34E-10	1.15E-04	3.56E-07	2.65E-04	0.00E+00	1.99E-01	5.68E-10	1.99E-01	2.00E-01	2.65E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-05
6167157009	9.16E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.28E-03	5.44E-09	4.24E-05	4.67E-04	0.00E+00	0.00E+00	2.49E-13	4.81E-12	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.98E-04	2.00E-01	0.00E+00	2.18E-11	7.36E-10	1.16E-04	3.58E-07	2.67E-04	0.00E+00	2.00E-01	5.68E-10	2.00E-01	2.01E-01	2.67E-04	0.00E+00	0.00E+00	0.00E+00	5.42E-05
6167331404	9.19E-05	1.45E-02	4.57E-10	1.45E-02	2.05E-11	0.00E+00	9.30E-03	5.52E-09	4.48E-05	4.82E-04	0.00E+00	0.00E+00	2.54E-13	4.81E-12	3.55E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-06	5.01E-04	2.01E-01	0.00E+00	2.18E-11	7.41E-10	1.22E-04	3.59E-07	2.70E-04	0.00E+00	2.01E-01	5.69E-10	2.01E-01	2.01E-01	2.70E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-05
6167331606	9.06E-05	1.43E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	9.37E-03	5.37E-09	4.25E-05	4.66E-04	0.00E+00	0.00E+00	2.51E-13	4.86E-12	3.48E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-06	5.02E-04	2.00E-01	0.00E+00	2.19E-11	7.37E-10	1.17E-04	3.58E-07	2.66E-04	0.00E+00	2.00E-01	5.63E-10	2.00E-01	2.00E-01	2.66E-04	0.00E+00	0.00E+00	0.00E+00	5.43E-05
6167331909	9.11E-05	1.45E-02	4.57E-10	1.45E-02	2.05E-11	0.00E+00	9.29E-03	5.50E-09	4.48E-05	4.81E-04	0.00E+00	0.00E+00	2.54E-13	4.82E-12	3.54E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-06	5.00E-04	2.00E-01	0.00E+00	2.18E-11	7.41E-10	1.22E-04	3.58E-07	2.67E-04	0.00E+00	2.00E-01	5.69E-10	2.00E-01	2.01E-01	2.67E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-05
6167336086	9.61E-05	1.46E-02	4.57E-10	1.46E-02	2.05E-11	0.00E+00	9.63E-03	5.49E-09	4.33E-05	4.77E-04	0.00E+00	0.00E+00	2.59E-13	5.00E-12	3.66E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.11E-04	2.04E-01	0.00E+00	2.24E-11	7.51E-10	1.20E-04	3.64E-07	2.71E-04	0.00E+00	2.04E-01	5.76E-10	2.04E-01	2.04E-01	2.71E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-05
6167336089	9.55E-05	1.46E-02	4.57E-10	1.46E-02	2.05E-11	0.00E+00	9.59E-03	5.47E-09	4.32E-05	4.75E-04	0.00E+00	0.00E+00	2.58E-13	4.99E-12	3.65E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-06	5.10E-04	2.02E-01	0.00E+00	2.24E-11	7.49E-10	1.20E-04	3.63E-07	2.71E-04	0.00E+00	2.02E-01	5.73E-10	2.02E-01	2.03E-01	2.71E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-05
6647438982	1.14E-04	1.75E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.15E-02	6.58E-09	5.28E-05	5.67E-04	0.00E+00	0.00E+00	3.09E-13	5.97E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.12E-04	2.43E-01	0.00E+00	2.72E-11	9.13E-10	1.44E-04	4.36E-07	3.26E-04	0.00E+00	2.43E-01	6.90E-10	2.43E-01	2.44E-01	3.26E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-05
6647438989	9.79E-05	1.54E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.01E-02	5.80E-09	4.59E-05	5.03E-04	0.00E+00	0.00E+00	2.72E-13	5.25E-12	3.76E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-06	5.42E-04	2.16E-01	0.00E+00	2.37E-11	7.96E-10	1.27E-04	3.86E-07	2.88E-04	0.00E+00	2.16E-01	6.08E-10	2.16E-01	2.16E-01	2.88E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-05
6647761404	8.99E-05	1.45E-02	4.57E-10	1.45E-02	2.05E-11	0.00E+00	2.08E-02	7.73E-09	4.27E-05	4.06E-04	0.00E+00	0.00E+00	3.23E-13	5.55E-12	4.03E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.01E-04	2.02E-01	0.00E+00	2.58E-11	7.13E-10	1.16E-04	3.60E-07	2.76E-04	0.00E+00	2.02E-01	6.49E-10	2.02E-01	2.02E-01	2.76E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-05
6647761606	8.69E-05	1.45E-02	4.57E-10	1.45E-02	2.05E-11	0.00E+00	2.08E-02	7.68E-09	4.25E-05	4.06E-04	0.00E+00	0.00E+00	3.11E-13	5.56E-12	4.02E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.01E-04	2.00E-01	0.00E+00	2.42E-11	7.12E-10	1.14E-04	3.59E-07	2.72E-04	0.00E+00	2.00E-01	6.47E-10	2.00E-01	2.00E-01	2.72E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-05
6647761909	8.74E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	2.08E-02	7.60E-09	4.26E-05	4.06E-04	0.00E+00	0.00E+00	3.22E-13	5.56E-12	4.02E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	4.99E-04	2.00E-01	0.00E+00	2.57E-11	7.12E-10	1.14E-04	3.59E-07	2.72E-04	0.00E+00	2.00E-01	6.48E-10	2.00E-01	2.00E-01	2.72E-04	0.00E+00	0.00E+00	0.00E+00	5.67E-05
6647768989	8.81E-05	1.45E-02	4.57E-10	1.45E-02	2.05E-11	0.00E+00	2.08E-02	7.70E-09	4.26E-05	4.06E-04	0.00E+00	0.00E+00	3.24E-13	5.55E-12	4.03E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.01E-04	2.01E-01	0.00E+00	2.58E-11	7.13E-10	1.14E-04	3.59E-07	2.73E-04	0.00E+00	2.01E-01	6.48E-10	2.01E-01	2.01E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-05
6647771606	8.68E-05	1.45E-02	4.57E-10	1.45E-02	2.05E-11	0.00E+00	2.08E-02	7.67E-09	4.24E-05	4.05E-04	0.00E+00	0.00E+00	3.11E-13	5.55E-12	4.02E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.00E-04	2.00E-01	0.00E+00	2.43E-11	7.09E-10	1.15E-04	3.56E-07	2.72E-04	0.00E+00	2.00E-01	6.48E-10	2.00E-01	2.00E-01	2.72E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-05
6647771909	8.66E-05	1.42E-02	4.57E-10	1.42E-02	2.05E-11	0.00E+00	1.83E-02	7.98E-09	4.14E-05	3.88E-04	0.00E+00	0.00E+00	3.14E-13	5.55E-12	3.81E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	4.97E-04	1.98E-01	0.00E+00	2.44E-11	7.79E-10	1.11E-04	3.56E-07	2.69E-04	0.00E+00	1.98E-01	6.41E-10	1.98E-01	1.99E-01	2.69E-04	0.00E+00	0.00E+00	0.00E+00	5.63E-05
6647778989	8.69E-05	1.45E-02	4.57E-10	1.45E-02	2.05E-11	0.00E+00	2.08E-02	7.66E-09	4.24E-05	4.06E-04	0.00E+00	0.00E+00	3.23E-13	5.55E-12	4.02E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.00E-04	1.99E-01	0.00E+00	2.57E-11	7.10E-10	1.14E-04	3.56E-07	2.71E-04	0.00E+00	1.99E-01	6.47E-10	1.99E-01	1.99E-01	2.71E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-05
6647781909	8.51E-05	1.37E-02	4.57E-10	1.37E-02	2.05E-11	0.00E+00	2.09E-02	7.56E-09	4.07E-05	4.00E-04	0.00E+00	0.00E+00	3.23E-13	5.55E-12	4.01E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	4.82E-04	1.92E-01	0.00E+00	2.56E-11	6.85E-10	1.10E-04	3.52E-07	2.61E-04	0.00E+00	1.92E-01	6.45E-10	1.92E-01	1.93E-01	2.61E-04	0.00E+00	0.00E+00	0.00E+00	5.48E-05
6647788989	4.29E-04	7.03E-02	4.57E-10	6.96E-02	2.05E-11	0.00E+00	6.11E-02	2.82E-08	1.61E-04	1.85E-03	0.00E+00	0.00E+00	1.37E-12	2.50E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-06	3.57E-03	1.10E+00	0.00E+00	1.09E-10	2.83E-09	4.35E-04	2.80E-06	1.56E-03	0.00E+00	1.10E+00	2.96E-09	1.10E+00	1.09E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
67412809	3.92E-05	6.10E-03	4.57E-10	6.11E-03	2.05E-11	0.00E+00	4.00E-03	2.29E-09	1.83E-05	1.97E-04	0.00E+00	0.00E+00	1.13E-13	2.36E-12	2.12E-05	0.00E+00	0.00E+00	0.00E+00	5.46E-07	2.39E-04	8.52E-02	0.00E+00	9.49E-12	3.19E-10	4.97E-05	1.53E-07	1.17E-04	0.00E+00	8.52E-02	2.39E-10	8.52E-02	8.50E-02	1.17E-04	0.00E+00	0.00E+00	0.00E+00	2.39E-05
67419405	3.80E-05	6.12E-03	4.57E-10	6.13E-03	2.05E-11	0.00E+00	4.05E-03	2.29E-09	1.82E-05	1.94E-04	0.00E+00	0.00E+00	1.13E-13	2.37E-12	1.85E-05	0.00E+00	0.00E+00	0.00E+00	5.77E-07	2.19E-04	8.64E-02	0.00E+00	9.39E-12	3.12E-10	4.96E-05	1.54E-07	1.15E-04	0.00E+00	8.64E-02	2.42E-10	8.64E-02	8.58E-02	1.15E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05
67419409	3.80E-05	6.12E-03	4.57E-10	6.13E-03	2.05E-11	0.00E+00	4.05E-03	2.29E-09	1.82E-05	1.94E-04	0.00E+00	0.00E+00	1.13E-13	2.37E-12	1.85E-05	0.00E+00	0.00E+00	0.00E+00	5.77E-07	2.19E-04	8.64E-02	0.00E+00	9.39E-12	3.12E-10	4.96E-05	1.54E-07	1.15E-04	0.00E+00	8.64E-02	2.42E-10	8.64E-02	8.58E-02	1.15E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05
6745643501	1.73E-04	2.79E-02	1.25E-08	2.79E-02	4.62E-09	0.00E+00	1.91E-01	1.79E-08	8.98E-05	9.55E-04	0.00E+00	1.23E-05	1.08E-12	2.05E-11	1.58E-04	9.23E-06	0.00E+00	0.00E+00	4.50E-06	1.53E-03	4.29E-01	0.00E+00	7.29E-11	1.32E-09	2.49E-04	9.67E-07	6.98E-04	0.00E+00	4.29E-01	2.17E-09	4.29E-01	4.35E-01	6.98E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
6745643503	1.69E-04	2.64E-02	8.09E-09	2.64E-02	4.14E-09	0.00E+00	2.64E-01	1.91E-08	8.95E-05	9.47E-04	0.00E+00	9.47E-06	9.24E-13	1.81E-11	1.39E-04	1.31E-05	0.00E+00	0.00E+00	4.03E-06	1.22E-03	4.20E-01	0.00E+00	6.44E-11	1.32E-09	2.46E-04	7.69E-07	5.63E-04	0.00E+00	4.20E-01	1.76E-09	4.20E-01	4.22E-01	5.63E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04
6745643504	1.73E-04	2.79E-02	1.25E-08	2.79E-02	4.62E-09	0.00E+00	1.91E-01	1.79E-08	8.98E-05	9.55E-04	0.00E+00	1.23E-05	1.08E-12	2.05E-11	1.58E-04	9.23E-06	0.00E+00	0.00E+00	4.50E-06	1.53E-03	4.29E-01	0.00E+00	7.29E-11	1.32E-09	2.49E-04	9.67E-07	6.98E-04	0.00E+00	4.29E-01	2.17E-09	4.29E-01	4.35E-01	6.98E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
6745643507	1.73E-04	2.79E-02	1.25E-08	2.79E-02	4.62E-09	0.00E+00	1.91E-01	1.79E-08	8.98E-05	9.55E-04	0.00E+00	1.23E-05	1.08E-12	2.05E-11	1.58E-04	9.23E-06	0.00E+00	0.00E+00	4.50E-06	1.53E-03	4.29E-01	0.00E+00	7.29E-11	1.32E-09	2.49E-04	9.67E-07	6.98E-04	0.00E+00	4.29E-01	2.17E-09	4.29E-01	4.35E-01	6.98E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
6745643513	1.74E-04	2.78E-02	1.14E-08	2.78E-02	4.15E-09	0.00E+00	1.85E-01	1.79E-08	9.06E-05	9.71E-04	0.00E+00	1.13E-05	1.03E-12	1.96E-11	1.55E-04	9.23E-06	0.00E+00	0.00E+00	4.39E-06	1.45E-03	4.27E-01	0.00E+00	7.17E-11	1.35E-09	2.48E-04	9.74E-07	6.86E-04	0.00E+00	4.27E-01	2.12E-09	4.27E-01	4.31E-01	6.86E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04
6765088962	9.68E-05	1.47E-02	4.57E-10	1.47E-02	2.05E-11	0.00E+00	9.61E-03	5.53E-09	4.35E-05	4.78E-04	0.00E+00	0.00E+00	2.60E-13	5.01E-12	3.58E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.17E-04	2.05E-01	0.00E+00	2.25E-11	7.53E-10	1.21E-04	3.67E-07	2.72E-04	0.00E+00	2.05E-01	5.77E-10	2.05E-01	2.05E-01	2.72E-04	0.00E+00	0.00E+00	0.00E+00	5.57E-05
6765091909	1.27E-04	2.03E-02	4.57E-10	2.03E-02	2.05E-11	0.00E+00	1.32E-02	7.45E-09	5.95E-05	6.61E-04	0.00E+00	0.00E+00	3.54E-13	6.74E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	7.11E-04	2.75E-01	0.00E+00	3.03E-11	1.01E-09	1.67E-04	5.08E-07	3.74E-04	0.00E+00	2.75E-01	7.79E-10	2.75E-01	2.75E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
6765091913	1.28E-04	2.05E-02	4.57E-10	2.05E-02	2.05E-11	0.00E+00	1.32E-02	7.45E-09	5.96E-05	6.67E-04	0.00E+00	0.00E+00	3.54E-13	6.77E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.13E-04	2.76E-01	0.00E+00	3.06E-11	1.02E-09	1.69E-04	5.08E-07	3.74E-04	0.00E+00	2.76E-01	7.81E-10	2.76E-01	2.75E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
6765091914	1.27E-04	2.03E-02	4.57E-10	2.03E-02	2.05E-11	0.00E+00	1.32E-02	7.44E-09	5.95E-05	6.60E-04	0.00E+00	0.00E+00	3.53E-13	6.75E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.98E-04	2.75E-01	0.00E+00	3.03E-11	1.01E-09	1.66E-04	5.03E-07	3.71E-04	0.00E+00	2.75E-01	7.80E-10	2.75E-01	2.75E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
6765092022	1.28E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.29E-02	7.41E-09	5.90E-05	6.52E-04	0.00E+00	0.00E+00	3.48E-13	6.72E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	7.01E-04	2.76E-01	0.00E+00	3.06E-11	1.02E-09	1.65E-04	5.01E-07	3.70E-04	0.00E+00	2.76E-01	7.80E-10	2.76E-01	2.75E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
6765092045	1.08E-04	1.88E-02	7.15E-09	1.88E-02	2.74E-09	0.00E+00	9.81E-02	1.41E-08	2.23E-05	2.45E-04	0.00E+00	6.96E-06	5.98E-13	1.15E-11	8.72E-05	9.21E-06	0.00E+00	0.00E+00	3.65E-06	9.25E-04	3.22E-01	0.00E+00	4.02E-11	8.50E-10	5.68E-05	6.21E-07	4.47E-04	0.00E+00	3.22E-01	1.13E-09	3.22E-01	3.22E-01	4.47E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
6765092089	1.02E-04	1.89E-02	1.03E-08	1.89E-02	4.12E-09	0.00E+00	1.40E-01	2.22E-08	2.26E-05	2.50E-04	0.00E+00	1.02E-05	8.10E-13	1.55E-11	1.25E-04	1.62E-05	0.00E+00	0.00E+00	5.44E-06	9.66E-04	3.23E-01	0.00E+00	6.37E-11	8.29E-10	5.67E-05	6.93E-07	4.90E-04	0.00E+00	3.23E-01	1.60E-09	3.23E-01	3.23E-01	4.90E-04	0.00E+00	0.00E+00	0.00E+00	2.25E-04

6765096013	1.35E-04	2.09E-02	4.57E-10	2.09E-02	2.05E-11	0.00E+00	1.38E-02	7.95E-09	6.28E-05	6.83E-04	0.00E+00	0.00E+00	3.72E-13	7.09E-12	5.13E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.42E-04	2.94E-01	0.00E+00	3.23E-11	1.08E-09	1.71E-04	5.34E-07	3.98E-04	0.00E+00	2.94E-01	8.32E-10	2.94E-01	2.94E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-05
6765096086	1.28E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.29E-02	7.40E-09	5.90E-05	6.49E-04	0.00E+00	0.00E+00	3.48E-13	6.70E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.96E-04	2.75E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	4.98E-07	3.66E-04	0.00E+00	2.75E-01	7.77E-10	2.75E-01	2.76E-01	3.66E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
6765096089	1.28E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.29E-02	7.40E-09	5.90E-05	6.49E-04	0.00E+00	0.00E+00	3.48E-13	6.70E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.96E-04	2.75E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	5.01E-07	3.66E-04	0.00E+00	2.75E-01	7.77E-10	2.75E-01	2.75E-01	3.66E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05
6765097015	1.28E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.29E-02	7.41E-09	5.90E-05	6.50E-04	0.00E+00	0.00E+00	3.48E-13	6.72E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	7.01E-04	2.75E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	5.00E-07	3.70E-04	0.00E+00	2.75E-01	7.79E-10	2.75E-01	2.75E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
6765098913	1.32E-04	2.04E-02	4.57E-10	2.04E-02	2.05E-11	0.00E+00	1.35E-02	7.63E-09	6.09E-05	6.63E-04	0.00E+00	0.00E+00	3.65E-13	6.93E-12	5.02E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.17E-04	2.86E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.20E-07	3.78E-04	0.00E+00	2.86E-01	7.95E-10	2.86E-01	2.86E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05
6765098914	1.28E-04	2.01E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.32E-02	7.43E-09	5.90E-05	6.49E-04	0.00E+00	0.00E+00	3.53E-13	6.70E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.96E-04	2.76E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	5.03E-07	3.67E-04	0.00E+00	2.76E-01	7.77E-10	2.76E-01	2.75E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-05
6765098915	1.32E-04	2.04E-02	4.57E-10	2.04E-02	2.05E-11	0.00E+00	1.35E-02	7.63E-09	6.09E-05	6.63E-04	0.00E+00	0.00E+00	3.65E-13	6.93E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.18E-04	2.87E-01	0.00E+00	3.12E-11	1.05E-09	1.67E-04	5.20E-07	3.78E-04	0.00E+00	2.87E-01	7.96E-10	2.87E-01	2.86E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05
6765098989	1.32E-04	2.04E-02	4.57E-10	2.04E-02	2.05E-11	0.00E+00	1.34E-02	7.69E-09	6.09E-05	6.67E-04	0.00E+00	0.00E+00	3.61E-13	6.93E-12	5.05E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.25E-04	2.88E-01	0.00E+00	3.19E-11	1.05E-09	1.67E-04	5.17E-07	3.79E-04	0.00E+00	2.88E-01	8.04E-10	2.88E-01	2.87E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05
6765101404	1.32E-04	2.07E-02	4.57E-10	2.08E-02	2.05E-11	0.00E+00	1.35E-02	7.59E-09	6.03E-05	6.81E-04	0.00E+00	0.00E+00	3.64E-13	7.08E-12	5.01E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.31E-04	2.86E-01	0.00E+00	3.12E-11	1.04E-09	1.72E-04	5.23E-07	3.84E-04	0.00E+00	2.86E-01	7.97E-10	2.86E-01	2.85E-01	3.84E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-05
6765101606	1.32E-04	2.07E-02	4.57E-10	2.09E-02	2.05E-11	0.00E+00	1.36E-02	7.59E-09	6.03E-05	6.82E-04	0.00E+00	0.00E+00	3.65E-13	7.13E-12	5.01E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.16E-04	2.86E-01	0.00E+00	3.12E-11	1.04E-09	1.72E-04	5.19E-07	3.81E-04	0.00E+00	2.86E-01	8.00E-10	2.86E-01	2.85E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.82E-05
6765101909	1.32E-04	2.08E-02	4.57E-10	2.08E-02	2.05E-11	0.00E+00	1.36E-02	7.61E-09	6.03E-05	6.82E-04	0.00E+00	0.00E+00	3.65E-13	7.10E-12	5.01E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.31E-04	2.86E-01	0.00E+00	3.12E-11	1.04E-09	1.72E-04	5.23E-07	3.84E-04	0.00E+00	2.86E-01	8.00E-10	2.86E-01	2.85E-01	3.84E-04	0.00E+00	0.00E+00	0.00E+00	7.80E-05
6765102045	1.08E-04	1.79E-02	9.63E-09	1.79E-02	3.02E-09	0.00E+00	8.84E-02	1.49E-08	2.11E-05	2.26E-04	0.00E+00	8.75E-06	6.40E-13	1.23E-11	8.79E-05	9.39E-06	0.00E+00	0.00E+00	3.72E-06	9.20E-04	2.97E-01	0.00E+00	3.94E-11	8.21E-10	5.32E-05	6.09E-07	4.32E-04	0.00E+00	2.97E-01	1.14E-09	2.97E-01	2.96E-01	4.32E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
6765102089	1.06E-04	1.90E-02	1.87E-08	1.89E-02	4.90E-09	0.00E+00	1.98E-01	3.02E-08	2.32E-05	2.54E-04	0.00E+00	1.75E-05	1.10E-12	2.10E-11	2.56E-04	2.20E-05	0.00E+00	0.00E+00	7.35E-06	9.80E-04	3.16E-01	0.00E+00	9.13E-11	8.77E-10	5.80E-05	7.14E-07	5.12E-04	0.00E+00	3.16E-01	2.01E-09	3.16E-01	3.18E-01	5.12E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-04
6765106084	1.34E-04	2.08E-02	4.57E-10	2.09E-02	2.05E-11	0.00E+00	1.37E-02	7.91E-09	6.25E-05	6.82E-04	0.00E+00	0.00E+00	3.70E-13	6.98E-12	5.10E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.34E-04	2.93E-01	0.00E+00	3.22E-11	1.08E-09	1.69E-04	5.28E-07	3.92E-04	0.00E+00	2.93E-01	8.26E-10	2.93E-01	2.93E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-05
6765106086	1.28E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.30E-02	7.42E-09	5.90E-05	6.49E-04	0.00E+00	0.00E+00	3.49E-13	6.72E-12	4.85E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.97E-04	2.75E-01	0.00E+00	3.07E-11	1.02E-09	1.64E-04	4.97E-07	3.69E-04	0.00E+00	2.75E-01	7.79E-10	2.75E-01	2.75E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
6765106089	1.33E-04	2.09E-02	4.57E-10	2.08E-02	2.05E-11	0.00E+00	1.37E-02	7.91E-09	6.25E-05	6.83E-04	0.00E+00	0.00E+00	3.70E-13	6.97E-12	5.10E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.49E-04	2.93E-01	0.00E+00	3.23E-11	1.08E-09	1.69E-04	5.32E-07	3.95E-04	0.00E+00	2.93E-01	8.26E-10	2.93E-01	2.93E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-05
6765107003	1.37E-04	2.11E-02	4.57E-10	2.11E-02	2.05E-11	0.00E+00	1.39E-02	8.06E-09	6.35E-05	6.91E-04	0.00E+00	0.00E+00	3.74E-13	7.18E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.56E-04	2.95E-01	0.00E+00	3.25E-11	1.10E-09	1.74E-04	5.38E-07	3.98E-04	0.00E+00	2.95E-01	8.39E-10	2.95E-01	2.96E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-05
6765107006	1.40E-04	2.11E-02	4.57E-10	2.12E-02	2.05E-11	0.00E+00	1.40E-02	8.07E-09	6.38E-05	6.91E-04	0.00E+00	0.00E+00	3.75E-13	7.23E-12	5.19E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.56E-04	2.95E-01	0.00E+00	3.26E-11	1.10E-09	1.74E-04	5.40E-07	3.98E-04	0.00E+00	2.95E-01	8.41E-10	2.95E-01	2.99E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	8.07E-05
6765107009	1.37E-04	2.11E-02	4.57E-10	2.11E-02	2.05E-11	0.00E+00	1.39E-02	8.06E-09	6.36E-05	6.91E-04	0.00E+00	0.00E+00	3.74E-13	7.20E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.56E-04	2.95E-01	0.00E+00	3.26E-11	1.10E-09	1.74E-04	5.38E-07	3.98E-04	0.00E+00	2.95E-01	8.39E-10	2.95E-01	2.96E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-05
6765108982	1.32E-04	2.05E-02	4.57E-10	2.04E-02	2.05E-11	0.00E+00	1.34E-02	7.69E-09	6.10E-05	6.67E-04	0.00E+00	0.00E+00	3.59E-13	6.92E-12	5.06E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.41E-04	2.88E-01	0.00E+00	3.18E-11	1.06E-09	1.68E-04	5.21E-07	3.84E-04	0.00E+00	2.88E-01	8.03E-10	2.88E-01	2.88E-01	3.84E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-05
6765108989	1.32E-04	2.04E-02	4.57E-10	2.03E-02	2.05E-11	0.00E+00	1.33E-02	7.58E-09	6.04E-05	6.67E-04	0.00E+00	0.00E+00	3.57E-13	6.93E-12	4.97E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.31E-04	2.85E-01	0.00E+00	3.12E-11	1.04E-09	1.68E-04	5.19E-07	3.83E-04	0.00E+00	2.85E-01	7.99E-10	2.85E-01	2.85E-01	3.83E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
6765111606	1.47E-04	2.40E-02	4.57E-10	2.43E-02	2.05E-11	0.00E+00	1.61E-02	9.32E-09	6.93E-05	7.71E-04	0.00E+00	0.00E+00	4.35E-13	8.45E-12	6.01E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	8.39E-04	3.50E-01	0.00E+00	3.82E-11	1.20E-09	1.95E-04	6.17E-07	4.52E-04	0.00E+00	3.50E-01	9.59E-10	3.50E-01	3.50E-01	4.52E-04	0.00E+00	0.00E+00	0.00E+00	9.43E-05
6765116084	1.88E-04	2.93E-02	4.57E-10	2.95E-02	2.05E-11	0.00E+00	1.91E-02	1.09E-08	8.34E-05	9.01E-04	0.00E+00	0.00E+00	5.07E-13	9.99E-12	6.91E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-06	9.91E-04	3.97E-01	0.00E+00	4.36E-11	1.39E-09	2.30E-04	7.31E-07	5.35E-04	0.00E+00	3.97E-01	1.14E-09	3.97E-01	3.94E-01	5.35E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
6765116086	1.40E-04	2.52E-02	4.57E-10	2.56E-02	2.05E-11	0.00E+00	1.75E-02	9.70E-09	6.22E-05	6.71E-04	0.00E+00	0.00E+00	4.49E-13	9.17E-12	6.11E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	9.58E-04	3.58E-01	0.00E+00	3.93E-11	1.04E-09	1.86E-04	6.39E-07	4.72E-04	0.00E+00	3.58E-01	9.96E-10	3.58E-01	3.55E-01	4.72E-04	0.00E+00	0.00E+00	0.00E+00	9.59E-05
6765116089	1.57E-04	2.54E-02	4.57E-10	2.57E-02	2.05E-11	0.00E+00	1.68E-02	9.73E-09	7.21E-05	7.98E-04	0.00E+00	0.00E+00	4.50E-13	8.84E-12	6.13E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	8.86E-04	3.55E-01	0.00E+00	3.94E-11	1.22E-09	2.04E-04	6.40E-07	4.74E-04	0.00E+00	3.55E-01	9.96E-10	3.55E-01	3.54E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.66E-05
6765117006	1.48E-04	2.44E-02	4.57E-10	2.47E-02	2.05E-11	0.00E+00	1.66E-02	9.48E-09	7.07E-05	7.66E-04	0.00E+00	0.00E+00	4.42E-13	8.64E-12	6.01E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.55E-04	3.50E-01	0.00E+00	3.87E-11	1.20E-09	1.99E-04	6.23E-07	4.58E-04	0.00E+00	3.50E-01	9.80E-10	3.50E-01	3.50E-01	4.58E-04	0.00E+00	0.00E+00	0.00E+00	9.45E-05
6765118989	1.44E-04	2.59E-02	4.57E-10	2.63E-02	2.05E-11	0.00E+00	1.69E-02	1.01E-08	6.91E-05	7.52E-04	0.00E+00	0.00E+00	4.70E-13	1.05E-11	6.44E-05	0.00E+00	0.00E+00	0.00E+00	2.47E-06	1.01E-03	3.66E-01	0.00E+00	3.92E-11	1.16E-09	1.95E-04	6.32E-07	4.75E-04	0.00E+00	3.66E-01	1.06E-09	3.66E-01	3.61E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	9.56E-05
6765757003	1.29E-04	2.02E-02	4.57E-10	2.02E-02	2.05E-11	0.00E+00	1.31E-02	7.42E-09	5.96E-05	6.57E-04	0.00E+00	0.00E+00	3.54E-13	6.87E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.05E-04	2.79E-01	0.00E+00	3.08E-11	1.03E-09	1.68E-04	4.99E-07	3.68E-04	0.00E+00	2.79E-01	7.81E-10	2.79E-01	2.79E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
6765757004	1.37E-04	2.13E-02	4.57E-10	2.13E-02	2.05E-11	0.00E+00	1.41E-02	8.14E-09	6.36E-05	6.99E-04	0.00E+00	0.00E+00	3.80E-13	7.25E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.45E-04	2.98E-01	0.00E+00	3.27E-11	1.10E-09	1.75E-04	5.36E-07	3.97E-04	0.00E+00	2.98E-01	8.48E-10	2.98E-01	3.00E-01	3.97E-04	0.00E+00	0.00E+00	0.00E+00	8.16E-05
6765757006	1.20E-04	1.86E-02	4.57E-10	1.87E-02	2.05E-11	0.00E+00	1.22E-02	6.91E-09	5.61E-05	6.00E-04	0.00E+00	0.00E+00	3.26E-13	6.36E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.67E-04	2.60E-01	0.00E+00	2.89E-11	9.75E-10	1.53E-04	4.72E-07	3.52E-04	0.00E+00	2.60E-01	7.34E-10	2.60E-01	2.61E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05
6765757009	1.27E-04	1.97E-02	4.57E-10	1.97E-02	2.05E-11	0.00E+00	1.29E-02	7.37E-09	5.82E-05	6.36E-04	0.00E+00	0.00E+00	3.47E-13	6.64E-12	4.79E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.98E-04	2.73E-01	0.00E+00	3.01E-11	1.01E-09	1.60E-04	4.91E-07	3.66E-04	0.00E+00	2.73E-01	7.75E-10	2.73E-01	2.74E-01	3.66E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
6765760062	1.19E-04	1.87E-02	4.57E-10	1.87E-02	2.05E-11	0.00E+00	1.22E-02	6.95E-09	5.61E-05	6.19E-04	0.00E+00	0.00E+00	3.27E-13	6.32E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.59E-04	2.61E-01	0.00E+00	2.85E-11	9.65E-10	1.59E-04	4.67E-07	3.50E-04	0.00E+00	2.61E-01	7.27E-10	2.61E-01	2.63E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-05
6765760063	1.20E-04	1.91E-02	4.57E-10	1.91E-02	2.05E-11	0.00E+00	1.25E-02	7.05E-09	5.70E-05	6.27E-04	0.00E+00	0.00E+00	3.34E-13	6.46E-12	4.59E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.79E-04	2.65E-01	0.00E+00	2.91E-11	9.81E-10	1.62E-04	4.82E-07	3.57E-04	0.00E+00	2.65E-01	7.42E-10	2.65E-01	2.66E-01	3.57E-04	0.00E+00	0.00E+00	0.00E+00	7.17E-05
6765761404	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.16E-02	6.71E-09	5.41E-05	5.86E-04	0.00E+00	0.00E+00	3.16E-13	6.06E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.32E-04	2.46E-01	0.00E+00	2.79E-11	9.24E-10	1.51E-04	4.58E-07	3.38E-04	0.00E+00	2.46E-01	7.00E-10	2.46E-01	2.46E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
6765761606	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.16E-02	6.71E-09	5.40E-05	5.88E-04	0.00E+00	0.00E+00	3.13E-13	6.01E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.19E-04	2.45E-01	0.00E+00	2.76E-11	9.23E-10	1.50E-04	4.42E-07	3.33E-04	0.00E+00	2.45E-01	6.94E-10	2.45E-01	2.45E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-05
6765761909	1.20E-04	1.91E-02	4.57E-10	1.91E-02	2.05E-11	0.00E+00	1.25E-02	7.06E-09	5.70E-05	6.27E-04	0.00E+00	0.00E+00	3.35E-13	6.46E-12	4.59E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.79E-04	2.66E-01	0.00E+00	2.91E-11	9.82E-10	1.62E-04	4.83E-07	3.57E-04	0.00E+00	2.66E-01	7.43E-10	2.66E-01	2.66E-01	3.57E-04	0.00E+00	0.00E+00	0.00E+00	7.17E-05
6765762045	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.17E-02	6.74E-09	5.39E-05	5.85E-04	0.00E+00	0.00E+00	3.16E-13	6.10E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.28E-04	2.49E-01	0.00E+00	2.79E-11	9.34E-10	1.46E-04	4.53E-07	3.37E-04	0.00E+00	2.49E-01	7.07E-10	2.49E-01	2.49E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.83E-05
6765762089	1.17E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.17E-02	6.74E-09	5.40E-05	5.85E-04	0.00E+00	0.00E+00	3.16E-13	6.09E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.42E-04	2.50E-01	0.00E+00	2.79E-11	9.34E-10	1.47E-04	4.65E-07	3.42E-04	0.00E+00	2.50E-01	7.07E-10	2.50E-01	2.49E-01	3.42E-04	0.00E+00	0.00E+00	0.00E+00	6.83E-05
6765766084	1.28E-04	1.99E-02	4.57E-10	1.99E-02	2.05E-11	0.00E+00	1.29E-02	7.36E-09	5.90E-05	6.48E-04	0.00E+00	0.00E+00	3.47E-13	6.69E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.95E-04	2.74E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	4.93E-07	3.69E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.75E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05
6765766086	1.27E-04	1.99E-02	4.57E-10	1.99E-02	2.05E-11	0.00E+00	1.30E-02	7.41E-09	5.89E-05	6.44E-04	0.00E+00	0.00E+00	3.49E-13	6.70E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.94E-04	2.74E-01	0.00E+00	3.04E-11	1.02E-09	1.62E-04	4.92E-07	3.69E-04	0.00E+00	2.74E-01	7.76E-10	2.74E-01	2.75E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
6765766089	1.27E-04	1.96E-02	4.57E-10	1.96E-02	2.05E-11	0.00E+00	1.29E-02	7.35E-09	5.81E-05	6.32E-04	0.00E+00	0.00E+00	3.47E-13	6.64E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.83E-04	2.72E-01	0.00E+00	3.00E-11	1.01E-09	1.59E-04	4.84E-07	3.63E-04	0.00E+00	2.72E-01	7.73E-10	2.72E-01	2.72E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-05
6765768962	1.27E-04	2.00E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.33E-02	7.44E-09	5.88E-05	6.45E-04	0.00E+00	0.00E+00	3.55E-13	6.69E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.93E-04	2.75E-01	0.00E+00	3.03E-11	1.02E-09	1.62E-04	4.97E-07	3.70E-04	0.00E+00	2.75E-01	7.76E-10	2.75E-01	2.75E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.55E-05
6765768963	1.24E-04	1.91E-02	4.57E-10	1.91E-02	2.05E-11	0.00E+00	1.29E-02	7.30E-09	5.78E-05	6.31E-04	0.00E+00	0.00E+00	3.49E-13	6.63E-12	4.76E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.80E-04	2.69E-01	0.00E+00	2.99E-11	1.01E-09	1.58E-04	4.80E-07	3.60E-04	0.00E+00	2.69E-01	7.69E-10	2.69E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.29E-05
6765768982	1.27E-04	1.99E-02	4.57E-10	1.98E-02	2.05E-11	0.00E+00	1.30E-02	7.41E-09	5.89E-05	6.44E-04	0.00E+00	0.00E+00	3.49E-13	6.68E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.94E-04	2.74E-01	0.00E+00	3.03E-11	1.02E-09	1.62E-04	4.94E-07	3.69E-04	0.00E+00	2.74E-01	7.76E-10	2.74E-01	2.75E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
6765768989	1.27E-04	1.99E-02	4.57E-10	1.98E-02	2.05E-11	0.00E+00	1.30E-02	7.41E-09	5.89E-05	6.44E-04	0.00E+00	0.00E+00	3.49E-13	6.68E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.94E-04	2.74E-01	0.00E+00	3.03E-11	1.02E-09	1.62E-04	4.94E-07	3.69E-04	0.00E+00	2.74E-01	7.76E-10	2.74E-01	2.75E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
6765771404	1.17E-04	1.82E-02	4.57E-10	1.82E-02	2.05E-11	0.00E+00	1.18E-02	6.80E-09	5.49E-05	5.91E-04	0.00E+00	0.00E+00	3.18E-13	6.17E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.40E-04	2.53E-01	0.00E+00	2.81E-11	9.52E-10	1.50E-04	4.58E-07	3.38E-04	0.00E+00	2.53E-01	7.13E-10	2.53E-01	2.54E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05
6765771606	1.34E-04	2.09E-02	4.57E-10	2.11E-02	2.05E-11	0.00E+00	1.36E-02	7.69E-09	6.10E-05	6.84E-04	0.00E+00	0.00E+00	3.68E-13	7.21E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.30E-04	2.89E-01	0.00E+00	3.12E-11	1.05E-09	1.72E-04	5.23E-07	3.86E-04	0.00E+00	2.89E-01	8.03E-10	2.89E-01	2.88E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-05
6765771909	1.30E-04	2.07E-02	4.57E-10	2.08E-02	2.05E-11	0.00E+00	1.33E-02	7.53E-09	5.99E-05	6.74E-04	0.00E+00	0.00E+00	3.59E-13	6.94E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.13E-04	2.83E-01	0.00E+00	3.09E-11	1.03E-09	1.73E-04	5.12E-07	3.81E-04	0.00E+00	2.83E-01	7.90E-10	2.83E-01	2.82E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-05
6765777103	2.30E-04	4.93E-02	4.57E-10	5.16E-02	2.05E-11	0.00E+00	3.85E-02	1.91E-08	1.09E-04	1.07E-03	0.00E+00	0.00E+00	1.02E-12	2.02E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	4.84E-06	1.71E-03	8.54E-01	0.00E+00	8.81E-11	1.98E-09	3.19E-04	1.25E-06	9.31E-04	0.00E+00	8.54E-01	2.27E-09	8.54E-01	8.35E-01	9.31E-04	0.00E+00	0.00E+00	0.00E+00	2.35E-04
6765777104	1.52E-04	2.48E-02	4.57E-10	2.50E-02	2.05E-11	0.00E+00	1.66E-02	9.48E-09	7.08E-05	7.73E-04	0.00E+00	0.00E+00	4.42E-13	8.64E-12	6.02E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.58E-04	3.50E-01	0.00E+00	3.88E-11	1.20E-09	1.99E-04	6.25E-07	4.59E-04	0.00E+00	3.50E-01	9.80E-10	3.50E-01	3.49E-01	4.59E-04	0.00E+00	0.00E+00	0.00E+00	9.44E-05
6765777106	1.38E-04	2.11E-02	4.57E-10	2.12E-02	2.05E-11	0.00E+00	1.41E-02	8.11E-09	6.36E-05	6.93E-04	0.00E+00	0.00E+00	3.78E-13	7.25E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.40E-04	2.95E-01	0.00E+00	3.27E-11	1.10E-09	1.74E-04	5.34E-07	3.94E-04	0.00E+00	2.95E-01	8.47E-10	2.95E-01	2.96E-01	3.94E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-05
6765777109	1.38E-04	2.11E-02	4.57E-10	2.12E-02	2.05E-11	0.00E+00	1.41E-02	8.11E-09	6.35E-05	6.93E-04	0.00E+00	0.00E+00	3.78E-13	7.23E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.41E-04	2.95E-01	0.00E+00	3.27E-11	1.10E-09	1.74E-04	5.34E-07	3.94E-04	0.00E+00	2.95E-01	8.45E-10	2.95E-01	2.96E-01	3.94E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-05
6765778982	1.19E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.21E-02	6.95E-09	5.60E-05	6.00E-04	0.00E+00	0.00E+00	3.27E-13	6.30E-12	4.57E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.54E-04	2.58E-01	0.00E+00	2.87E-11	9.75E-10	1.53E-04	4.65E-07	3.45E-04	0.00E+00	2.58E-01	7.34E-10	2.58E-01	2.59E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-05
6765778989	1.33E-04	2.06E-02	4.57E-10	2.07E-02	2.05E-11	0.00E+00	1.36E-02	7.62E-09	6.03E-05	6.68E-04	0.00E+00	0.00E+00	3.67E-13	6.99E-12	5.02E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.23E-04	2.87E-01	0.00E+00	3.12E-11	1.04E-09	1.68E-04	5.20E-07	3.84E-04	0.00E+00	2.87E-01	8.02E-10	2.87E-01	2.87E-01	3.84E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-05
676579	8.71E-05	1.68E-02	7.58E-09	1.68E-02	3.00E-09	0.00E+00	7.54E-02	1.42E-08	4.83E-05	5.29E-04	0.00E+00	6.94E-06	6.69E-13	1.24E-11	8.81E-05	9.92E-06	0.00E+00	0.00E+00	3.39E-06	9.96E-04	2.90E-01	0.00E+00	5.30E-11	6.92E-10	1.34E-04	6.69E-07	4.75E-04	0.00E+00	2.90E-01	1.25E-09	2.90E-01	2.90E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
67657901	9.17E-05	1.68E-02	5.85E-09	1.68E-02	1.79E-09	0.00E+00	5.29E-02	1.34E-08	4.93E-05	5.42E-04	0.00E+00	5.89E-06	5.90E-13	1.10E-11	7.21E-05	5.65E-06	0.00E+00	0.00E+00	3.30E-06	9.66E-04	2.90E-01	0.00E+00	4.39E-11	7.05E-10	1.40E-04	6.17E-07	4.50E-04	0.00E+00	2.90E-01	1.02E-09	2.90E-01	2.90E-01	4.50E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04
6765792045	9.26E-05	1.67E-02	1.03E-08	1.67E-02	4.31E-09	0.00E+00	8.32E-02	1.62E-08	4.97E-05	5.50E-04	0.00E+00	1.11E-05	7.04E-13	1.36E-11	9.44E-05	1.83E-05	0.00E+00	0.00E+00	3.72E-06	9.96E-04	2.89E-01	0.00E+00	4.88E-11	6.86E-10	1.44E-04	6.58E-07	4.75E-04	0.00E+00	2.89E-01	1.45E-09	2.89E-01	2.90E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
6765792089	6.29E-05	1.67E-02	1.43E-08	1.67E-02	5.63E-09	0.00E+00	1.48E-01	2.55E-08	4.76E-05	5.27E-04	0.00E+00	1.53E-05	9.60E-13	1.84E-11	1.55E-04	2.68E-05	0.00E+00	0.00E+00	5.68E-06	1.07E-03	2.83E-01	0.00E+00	8.67E-11	5.30E-10	1.35E-04	7.64E-07	5.50E-04	0.00E+00	2.83E-01	1.98E-09	2.83E-01	2.85E-01	5.50E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-04
6765832045	1.11E-04	1.89E-02	1.02E-08	1.88E-02	4.05E-09	0.00E+00	1.66E-01	1.76E-08	5.91E-05	6.43E-04	0.00E+00	1.13E-05	8.10E-13	1.60E-11	1.17E-04	1.31E-05	0.00E+00	0.00E+00	4.35E-06	9.59E-04	3.19E-01	0.00E+00	5.20E-11	8.89E-10	1.59E-04	6.30E-07	4.43E-04	0.00E+00	3.19E-01	1.43E-09	3.19E-01	3.22E-01	4.43E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04
6765832089	1.00E-04	1.89E-02	6.47E-09	1.89E-02	2.89E-09	0.00E+00	1.00E-01	1.96E-08	5.92E-05	6.42E-04	0.00E+00	7.18E-06	6.38E-13	1.26E-11	9.87E-05	1.16E-05	0.00E+00	0.00E+00	4.90E-06	9.28E-04	3.21E-01	0.00E+00	4.90E-11	8.67E-10	1.59E-04	6.28E-07	4.50E-04	0.00E+00	3.21E-01	1.18E-09	3.21E-01	3.21E-01	4.50E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-04
6765836086	1.34E-04	2.10E-02	4.57E-10	2.10E-02	2.05E-11	0.00E+00	1.39E-02	8.02E-09	6.28E-05	6.90E-04	0.00E+00	0.00E+00	3.75E-13	7.13E-12	5.13E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.40E-04	2.95E-01	0.00E+00	3.24E-11	1.09E-09	1.72E-04	5.32E-07	3.93E-04	0.00E+00	2.95E-01	8.36E-10	2.95E-01	2.95E-01	3.93E-04	0.00E+00	0.00E+00	0.00E+00	8.04E-05
6765836089	1.32E-04	2.04E-02	4.57E-10	2.04E-02	2.05E-11	0.00E+00	1.34E-02	7.54E-09	6.02E-05	6.66E-04	0.00E+00	0.00E+00	3.58E-13	6.99E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.22E-04	2.85E-01	0.00E+00	3.11E-11	1.04E-09	1.68E-04	5.09E-07	3.76E-04	0.00E+00	2.85E-01	7.98E-10	2.85E-01	2.86E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-05
6768111606	1.47E-04	2.43E-02	4.57E-10	2.44E-02	2.05E-11	0.00E+00	1.57E-02	9.63E-09	6.76E-05	7.49E-04	0.00E+00	0.00E+00	4.38E-13	9.59E-12	6.18E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	9.76E-04	3.49E-01	0.00E+00	3.60E-11	1.16E-09	1.93E-04	5.85E-07	4.54E-04	0.00E+00	3.49E-01	9.88E-10	3.49E-01	3.46E-01	4.54E-04	0.00E+00	0.00E+00	0.00E+00	9.33E-05
6768116084	1.50E-04	2.40E-02	4.57E-10	2.40E-02	2.05E-11	0.00E+00	1.63E-02	9.14E-09	7.07E-05	7.78E-04	0.00E+00	0.00E+00	4.33E-13	8.42E-12	5.98E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	8.57E-04	3.46E-01	0.00E+00	3.80E-11	1.20E-09	1.99E-04	6.11E-07	4.57E-04	0.00E+00	3.46E-01	9.68E-10	3.46E-01	3.48E-01	4.57E-04	0.00E+00	0.00E+00	0.00E+00	9.32E-05
6768116089	1.49E-04	2.39E-02	4.57E-10	2.39E-02	2.05E-11	0.00E+00	1.59E-02	9.13E-09	6.97E-05	7.75E-04	0.00E+00	0.00E+00	4.33E-13	8.40E-12	5.98E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	8.51E-04	3.45E-01	0.00E+00	3.75E-11	1.20E-09	1.97E-04	6.10E-07	4.52E-04	0.00E+00	3.45E-01	9.59E-10	3.45E-01	3.47E-01	4.52E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
6768117006	1.48E-04	2.39E-02	4.57E-10	2.39E-02	2.05E-11	0.00E+00	1.63E-02	9.14E-09	6.97E-05	7.71E-04	0.00E+00	0.00E+00	4.33E-13	8.41E-12	5.98E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	8.55E-04	3.46E-01	0.00E+00	3.81E-11	1.20E-09	1.98E-04	6.11E-07	4.58E-04	0.00E+00	3.46E-01	9.67E-10	3.46E-01	3.48E-01	4.58E-04	0.00E+00	0.00E+00	0.00E+00	9.33E-05
6768118982	1.45E-04	2.52E-02	4.57E-10	2.52E-02	2.05E-11	0.00E+00	1.65E-02	9.71E-09	6.93E-05	7.50E-04	0.00E+00	0.00E+00	4.61E-13	1.03E-11	6.39E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-06	1.00E-03	3.60E-01	0.00E+00	3.84E-11	1.17E-09	1.95E-04	6.19E-07	4.72E-04	0.00E+00	3.60E-01	1.05E-09	3.60E-01	3.60E-01	4.72E-04	0.00E+00	0.00E+00	0.00E+00	9.45E-05
6768118989	1.45E-04	2.52E-02	4.57E-10	2.52E-02	2.05E-11	0.00E+00	1.65E-02	9.71E-09	6.93E-05	7.50E-04	0.00E+00	0.00E+00	4.61E-13	1.03E-11	6.39E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-06	1.00E-03	3.60E-01	0.00E+00	3.84E-11	1.17E-09	1.95E-04	6.19E-07	4.72E-04	0.00E+00	3.60E-01	1.05E-09	3.60E-01	3.60E-01	4.72E-04	0.00E+00	0.00E+00	0.00E+00	9.45E-05
6768757003	1.24E-04	1.92E-02	4.57E-10	1.92E-02	2.05E-11	0.00E+00	1.28E-02	7.31E-09	5.79E-05	6.33E-04	0.00E+00	0.00E+00	3.46E-13	6.66E-12	4.74E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.81E-04	2.71E-01	0.00E+00	2.99E-11	1.01E-09	1.59E-04	4.79E-07	3.59E-04	0.00E+00	2.71E-01	7.73E-10	2.71E-01	2.71E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
6768757004	1.28E-04	2.03E-02	4.57E-10	2.03E-02	2.05E-11	0.00E+00	1.32E-02	7.51E-09	5.95E-05	6.60E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.06E-04	2.80E-01	0.00E+00	3.09E-11	1.03E-09	1.68E-04	5.04E-07	3.72E-04	0.00E+00	2.80E-01	7.95E-10	2.80E-01	2.80E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
6768757006	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.15E-02	6.69E-09	5.33E-05	5.70E-04	0.00E+00	0.00E+00	3.11E-13	6.01E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.22E-04	2.45E-01	0.00E+00	2.75E-11	9.20E-10	1.45E-04	4.47E-07	3.32E-04	0.00E+00	2.45E-01	6.95E-10	2.45E-01	2.46E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05
6768757009	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.16E-02	6.73E-09	5.34E-05	5.70E-04	0.00E+00	0.00E+00	3.13E-13	6.05E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.23E-04	2.46E-01	0.00E+00	2.79E-11	9.23E-10	1.45E-04	4.50E-07	3.34E-04	0.00E+00	2.46E-01	7.02E-10	2.46E-01	2.46E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
6768760062	1.19E-04	1.88E-02	4.57E-10	1.88E-02	2.05E-11	0.00E+00	1.23E-02	7.01E-09	5.68E-05	6.22E-04	0.00E+00	0.00E+00	3.30E-13	6.40E-12	4.57E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.60E-04	2.62E-01	0.00E+00	2.88E-11	9.78E-10	1.59E-04	4.69E-07	3.49E-04	0.00E+00	2.62E-01	7.36E-10	2.62E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-05
6768760063	2.33E-04	3.84E-02	4.57E-10	3.81E-02	2.05E-11	0.00E+00	2.67E-02	1.54E-08	1.02E-04	1.06E-03	0.00E+00	0.00E+00	6.88E-13	1.38E-11	9.73E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.41E-03	5.71E-01	0.00E+00	7.53E-11	1.76E-09	2.91E-04	9.65E-07	7.35E-04	0.00E+00	5.71E-01	1.65E-09	5.71E-01	5.77E-01	7.35E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
6768761404	1.03E-04	1.73E-02	4.57E-10	1.72E-02	2.05E-11	0.00E+00	1.13E-02	6.50E-09	4.85E-05	5.39E-04	0.00E+00	0.00E+00	3.03E-13	5.87E-12	4.17E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.21E-04	2.43E-01	0.00E+00	2.65E-11	8.19E-10	1.33E-04	4.52E-07	3.28E-04	0.00E+00	2.43E-01	6.73E-10	2.43E-01	2.43E-01	3.28E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-05
6768761606	1.16E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.79E-09	5.42E-05	5.95E-04	0.00E+00	0.00E+00	3.18E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.27E-04	2.48E-01	0.00E+00	2.77E-11	9.29E-10	1.53E-04	4.48E-07	3.37E-04	0.00E+00	2.48E-01	7.02E-10	2.48E-01	2.48E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.75E-05
6768761909	1.10E-04	1.75E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.15E-02	6.61E-09	5.12E-05	5.52E-04	0.00E+00	0.00E+00	3.06E-13	5.94E-12	4.24E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.23E-04	2.45E-01	0.00E+00	2.68E-11	8.79E-10	1.43E-04	4.47E-07	3.28E-04	0.00E+00	2.45E-01	6.83E-10	2.45E-01	2.46E-01	3.28E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
6768762045	1.17E-04	1.79E-02	4.57E-10	1.79E-02	2.05E-11	0.00E+00	1.20E-02	6.85E-09	5.45E-05	5.92E-04	0.00E+00	0.00E+00	3.21E-13	6.23E-12	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-06	6.35E-04	2.52E-01	0.00E+00	2.84E-11	9.44E-10	1.49E-04	4.56E-07	3.43E-04	0.00E+00	2.52E-01	7.15E-10	2.52E-01	2.53E-01	3.43E-04	0.00E+00	0.00E+00	0.00E+00	6.89E-05
6768762089	1.10E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.15E-02	6.54E-09	5.04E-05	5.36E-04	0.00E+00	0.00E+00	3.04E-13	5.95E-12	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.19E-04	2.45E-01	0.00E+00	2.66E-11	8.77E-10	1.38E-04	4.43E-07	3.27E-04	0.00E+00	2.45E-01	6.84E-10	2.45E-01	2.46E-01	3.27E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
6768766012	1.27E-04	1.96E-02	4.57E-10	1.96E-02	2.05E-11	0.00E+00	1.29E-02	7.37E-09	5.81E-05	6.34E-04	0.00E+00	0.00E+00	3.48E-13	6.65E-12	4.79E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.83E-04	2.72E-01	0.00E+00	3.01E-11	1.01E-09	1.59E-04	4.85E-07	3.62E-04	0.00E+00	2.72E-01	7.75E-10	2.72E-01	2.73E-01	3.62E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-05
6768766086	1.18E-04	1.83E-02	4.57E-10	1.82E-02	2.05E-11	0.00E+00	1.19E-02	6.86E-09	5.53E-05	5.98E-04	0.00E+00	0.00E+00	3.21E-13	6.15E-12	4.51E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.45E-04	2.56E-01	0.00E+00	2.83E-11	9.59E-10	1.51E-04	4.58E-07	3.41E-04	0.00E+00	2.56E-01	7.17E-10	2.56E-01	2.57E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05
6768766089	1.19E-04	1.87E-02	4.57E-10	1.87E-02	2.05E-11	0.00E+00	1.23E-02	6.99E-09	5.61E-05	6.07E-04	0.00E+00	0.00E+00	3.31E-13	6.37E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.58E-04	2.62E-01	0.00E+00	2.87E-11	9.74E-10	1.54E-04	4.65E-07	3.48E-04	0.00E+00	2.62E-01	7.37E-10	2.62E-01	2.62E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05
6768768962	1.20E-04	1.89E-02	4.57E-10	1.90E-02	2.05E-11	0.00E+00	1.24E-02	7.06E-09	5.62E-05	6.13E-04	0.00E+00	0.00E+00	3.33E-13	6.46E-12	4.58E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.66E-04	2.65E-01	0.00E+00	2.91E-11	9.80E-10	1.56E-04	4.70E-07	3.52E-04	0.00E+00	2.65E-01	7.40E-10	2.65E-01	2.65E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	7.14E-05
6768768982	1.18E-04	1.84E-02	4.57E-10	1.84E-02	2.05E-11	0.00E+00	1.20E-02	6.93E-09	5.55E-05	6.03E-04	0.00E+00	0.00E+00	3.24E-13	6.23E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.49E-04	2.58E-01	0.00E+00	2.83E-11	9.62E-10	1.52E-04	4.60E-07	3.43E-04	0.00E+00	2.58E-01	7.19E-10	2.58E-01	2.59E-01	3.43E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-05
6768768989	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.35E-09	5.82E-05	6.38E-04	0.00E+00	0.00E+00	3.44E-13	6.66E-12	4.77E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.73E-01	0.00E+00	3.00E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.73E-01	7.71E-10	2.73E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.44E-05

6768771404	1.29E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.30E-02	7.44E-09	5.91E-05	6.51E-04	0.00E+00	0.00E+00	3.48E-13	6.78E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.06E-04	2.79E-01	0.00E+00	3.06E-11	1.02E-09	1.64E-04	5.02E-07	3.74E-04	0.00E+00	2.79E-01	7.81E-10	2.79E-01	2.80E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05
6768771606	1.25E-04	1.97E-02	4.57E-10	1.98E-02	2.05E-11	0.00E+00	1.31E-02	7.45E-09	5.83E-05	6.55E-04	0.00E+00	0.00E+00	3.53E-13	6.78E-12	4.75E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.91E-04	2.75E-01	0.00E+00	3.00E-11	1.00E-09	1.66E-04	4.88E-07	3.68E-04	0.00E+00	2.75E-01	7.84E-10	2.75E-01	2.76E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05
6768771909	1.28E-04	2.04E-02	4.57E-10	2.05E-02	2.05E-11	0.00E+00	1.32E-02	7.50E-09	5.96E-05	6.65E-04	0.00E+00	0.00E+00	3.56E-13	6.83E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	6.99E-04	2.79E-01	0.00E+00	3.03E-11	1.02E-09	1.68E-04	5.01E-07	3.74E-04	0.00E+00	2.79E-01	7.86E-10	2.79E-01	2.79E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
6768772089	1.27E-04	1.99E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.31E-02	7.45E-09	5.90E-05	6.47E-04	0.00E+00	0.00E+00	3.51E-13	6.72E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.96E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.63E-04	4.96E-07	3.69E-04	0.00E+00	2.76E-01	7.82E-10	2.76E-01	2.76E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.55E-05
6768776084	1.27E-04	1.96E-02	4.57E-10	1.96E-02	2.05E-11	0.00E+00	1.28E-02	7.32E-09	5.81E-05	6.31E-04	0.00E+00	0.00E+00	3.45E-13	6.62E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.83E-04	2.72E-01	0.00E+00	3.00E-11	1.01E-09	1.59E-04	4.83E-07	3.62E-04	0.00E+00	2.72E-01	7.71E-10	2.72E-01	2.72E-01	3.62E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-05
6768776086	1.27E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.30E-02	7.45E-09	5.90E-05	6.50E-04	0.00E+00	0.00E+00	3.50E-13	6.77E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.97E-04	2.76E-01	0.00E+00	3.05E-11	1.02E-09	1.64E-04	4.97E-07	3.69E-04	0.00E+00	2.76E-01	7.83E-10	2.76E-01	2.76E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05
6768776089	1.27E-04	1.97E-02	4.57E-10	1.97E-02	2.05E-11	0.00E+00	1.30E-02	7.40E-09	5.81E-05	6.35E-04	0.00E+00	0.00E+00	3.48E-13	6.67E-12	4.79E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.88E-04	2.73E-01	0.00E+00	3.01E-11	1.01E-09	1.60E-04	4.85E-07	3.64E-04	0.00E+00	2.73E-01	7.78E-10	2.73E-01	2.74E-01	3.64E-04	0.00E+00	0.00E+00	0.00E+00	7.42E-05
6768777103	1.34E-04	2.12E-02	4.57E-10	2.11E-02	2.05E-11	0.00E+00	1.40E-02	8.05E-09	6.29E-05	6.96E-04	0.00E+00	0.00E+00	3.77E-13	7.16E-12	5.15E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.44E-04	2.97E-01	0.00E+00	3.25E-11	1.09E-09	1.73E-04	5.35E-07	3.99E-04	0.00E+00	2.97E-01	8.39E-10	2.97E-01	2.98E-01	3.99E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05
6768777104	1.48E-04	2.34E-02	4.57E-10	2.35E-02	2.05E-11	0.00E+00	1.56E-02	8.93E-09	6.87E-05	7.45E-04	0.00E+00	0.00E+00	4.19E-13	8.16E-12	5.89E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	8.25E-04	3.40E-01	0.00E+00	3.62E-11	1.18E-09	1.94E-04	5.81E-07	4.43E-04	0.00E+00	3.40E-01	9.44E-10	3.40E-01	3.40E-01	4.43E-04	0.00E+00	0.00E+00	0.00E+00	9.16E-05
6768777106	1.29E-04	2.02E-02	4.57E-10	2.02E-02	2.05E-11	0.00E+00	1.31E-02	7.49E-09	5.95E-05	6.60E-04	0.00E+00	0.00E+00	3.55E-13	6.89E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.06E-04	2.80E-01	0.00E+00	3.09E-11	1.03E-09	1.67E-04	5.02E-07	3.71E-04	0.00E+00	2.80E-01	7.94E-10	2.80E-01	2.80E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
6768777109	1.28E-04	2.01E-02	4.57E-10	2.01E-02	2.05E-11	0.00E+00	1.30E-02	7.48E-09	5.91E-05	6.56E-04	0.00E+00	0.00E+00	3.51E-13	6.77E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.01E-04	2.78E-01	0.00E+00	3.06E-11	1.02E-09	1.66E-04	4.97E-07	3.70E-04	0.00E+00	2.78E-01	7.87E-10	2.78E-01	2.78E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
6768778982	1.19E-04	1.87E-02	4.57E-10	1.87E-02	2.05E-11	0.00E+00	1.22E-02	7.00E-09	5.60E-05	6.05E-04	0.00E+00	0.00E+00	3.29E-13	6.33E-12	4.57E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.55E-04	2.60E-01	0.00E+00	2.87E-11	9.76E-10	1.54E-04	4.65E-07	3.47E-04	0.00E+00	2.60E-01	7.38E-10	2.60E-01	2.60E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	7.07E-05
6768778989	1.28E-04	2.02E-02	4.57E-10	2.02E-02	2.05E-11	0.00E+00	1.33E-02	7.52E-09	5.90E-05	6.49E-04	0.00E+00	0.00E+00	3.56E-13	6.79E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.02E-04	2.80E-01	0.00E+00	3.03E-11	1.02E-09	1.64E-04	5.01E-07	3.75E-04	0.00E+00	2.80E-01	7.87E-10	2.80E-01	2.80E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-05
676879	1.08E-04	1.70E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.11E-02	6.38E-09	5.05E-05	5.54E-04	0.00E+00	0.00E+00	2.99E-13	5.78E-12	4.14E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	5.97E-04	2.37E-01	0.00E+00	2.61E-11	8.76E-10	1.40E-04	4.25E-07	3.17E-04	0.00E+00	2.37E-01	6.70E-10	2.37E-01	2.38E-01	3.17E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-05
67687901	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.14E-02	6.51E-09	5.15E-05	5.65E-04	0.00E+00	0.00E+00	3.05E-13	5.90E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.09E-04	2.42E-01	0.00E+00	2.66E-11	8.93E-10	1.42E-04	4.34E-07	3.23E-04	0.00E+00	2.42E-01	6.83E-10	2.42E-01	2.42E-01	3.23E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
6768792045	1.02E-04	1.62E-02	3.89E-09	1.62E-02	2.83E-09	0.00E+00	4.61E-02	6.96E-09	4.76E-05	5.24E-04	0.00E+00	3.66E-06	4.66E-13	9.37E-12	6.24E-05	8.16E-06	0.00E+00	0.00E+00	1.74E-06	6.58E-04	2.22E-01	0.00E+00	3.67E-11	8.07E-10	1.34E-04	4.60E-07	3.44E-04	0.00E+00	2.22E-01	9.36E-10	2.22E-01	2.23E-01	3.44E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
6768792089	9.33E-05	1.61E-02	6.67E-09	1.62E-02	3.74E-09	0.00E+00	5.88E-02	9.79E-09	4.76E-05	5.26E-04	0.00E+00	6.78E-06	5.99E-13	1.19E-11	9.49E-05	1.29E-05	0.00E+00	0.00E+00	2.43E-06	6.66E-04	2.20E-01	0.00E+00	4.81E-11	7.38E-10	1.35E-04	4.98E-07	3.65E-04	0.00E+00	2.20E-01	1.14E-09	2.20E-01	2.22E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04
6768803512	9.38E-05	1.56E-02	1.16E-08	1.56E-02	3.32E-09	0.00E+00	1.47E-01	1.23E-08	6.60E-05	6.76E-04	0.00E+00	1.30E-05	8.31E-13	1.57E-11	1.29E-04	8.03E-06	0.00E+00	0.00E+00	2.59E-06	6.52E-04	2.26E-01	0.00E+00	5.05E-11	7.70E-10	1.62E-04	4.43E-07	3.30E-04	0.00E+00	2.26E-01	1.48E-09	2.26E-01	2.28E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
6768803515	9.03E-05	1.42E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	9.33E-03	5.35E-09	4.23E-05	4.64E-04	0.00E+00	0.00E+00	2.50E-13	4.85E-12	3.47E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-06	5.00E-04	1.99E-01	0.00E+00	2.18E-11	7.34E-10	1.17E-04	3.56E-07	2.65E-04	0.00E+00	1.99E-01	5.61E-10	1.99E-01	1.99E-01	2.65E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-05
6768803522	8.18E-05	1.60E-02	9.98E-09	1.59E-02	2.34E-09	0.00E+00	9.00E-02	1.45E-08	6.83E-05	7.05E-04	0.00E+00	8.57E-06	7.18E-13	1.32E-11	1.19E-04	8.99E-06	0.00E+00	0.00E+00	3.20E-06	8.97E-04	2.74E-01	0.00E+00	5.21E-11	7.69E-10	1.66E-04	6.14E-07	4.74E-04	0.00E+00	2.74E-01	1.39E-09	2.74E-01	2.75E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
6768803525	8.89E-05	1.61E-02	9.33E-09	1.61E-02	1.89E-09	0.00E+00	8.42E-02	1.26E-08	6.88E-05	7.14E-04	0.00E+00	8.23E-06	6.86E-13	1.28E-11	1.16E-04	7.23E-06	0.00E+00	0.00E+00	2.82E-06	8.28E-04	2.74E-01	0.00E+00	4.76E-11	8.16E-10	1.70E-04	5.78E-07	4.32E-04	0.00E+00	2.74E-01	1.40E-09	2.74E-01	2.74E-01	4.32E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
6768813512	1.70E-04	2.69E-02	1.11E-08	2.69E-02	3.69E-09	0.00E+00	1.45E-01	1.96E-08	9.07E-05	9.68E-04	0.00E+00	1.13E-05	1.05E-12	1.98E-11	1.85E-04	9.12E-06	0.00E+00	0.00E+00	5.03E-06	1.46E-03	4.29E-01	0.00E+00	8.11E-11	1.35E-09	2.46E-04	1.01E-06	7.12E-04	0.00E+00	4.29E-01	2.19E-09	4.29E-01	4.32E-01	7.12E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-04
6768813515	1.70E-04	2.68E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.76E-02	1.01E-08	7.96E-05	8.73E-04	0.00E+00	0.00E+00	4.71E-13	9.11E-12	6.53E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	9.41E-04	3.74E-01	0.00E+00	4.11E-11	1.38E-09	2.20E-04	6.70E-07	4.99E-04	0.00E+00	3.74E-01	1.06E-09	3.74E-01	3.74E-01	4.99E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
6768813522	1.74E-04	2.63E-02	1.36E-08	2.63E-02	3.80E-09	0.00E+00	1.90E-01	2.01E-08	9.15E-05	9.77E-04	0.00E+00	1.42E-05	1.09E-12	2.07E-11	1.78E-04	9.12E-06	0.00E+00	0.00E+00	4.86E-06	1.39E-03	4.23E-01	0.00E+00	7.74E-11	1.38E-09	2.46E-04	8.69E-07	6.31E-04	0.00E+00	4.23E-01	2.27E-09	4.23E-01	4.23E-01	6.31E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04
6768813525	1.71E-04	2.64E-02	9.04E-09	2.64E-02	8.58E-09	0.00E+00	2.38E-01	1.95E-08	6.46E-05	7.12E-04	0.00E+00	1.03E-05	9.05E-13	1.78E-11	1.42E-04	2.40E-05	0.00E+00	0.00E+00	4.57E-06	1.14E-03	4.15E-01	0.00E+00	6.34E-11	1.31E-09	1.24E-04	7.68E-07	5.66E-04	0.00E+00	4.15E-01	1.78E-09	4.15E-01	4.18E-01	5.66E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-04
6768823512	3.31E-04	5.07E-02	6.04E-08	5.07E-02	1.76E-08	0.00E+00	5.02E-01	6.94E-08	1.50E-04	1.64E-03	0.00E+00	5.83E-05	3.63E-12	7.05E-11	6.20E-04	4.87E-05	0.00E+00	0.00E+00	1.54E-05	3.23E-03	8.06E-01	0.00E+00	2.34E-10	2.57E-09	4.14E-04	2.83E-06	2.16E-03	0.00E+00	8.06E-01	6.55E-09	8.06E-01	8.08E-01	2.16E-03	0.00E+00	0.00E+00	0.00E+00	6.62E-04
6768823515	3.20E-04	5.05E-02	0.00E+00	5.05E-02	0.00E+00	0.00E+00	3.31E-02	1.90E-08	1.50E-04	1.65E-03	0.00E+00	0.00E+00	8.88E-13	1.72E-11	1.23E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-06	1.77E-03	7.05E-01	0.00E+00	7.75E-11	2.60E-09	4.15E-04	1.26E-06	9.41E-04	0.00E+00	7.05E-01	1.99E-09	7.05E-01	7.06E-01	9.41E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
6768823522	3.33E-04	5.11E-02	3.46E-08	5.12E-02	9.53E-09	0.00E+00	6.49E-01	6.89E-08	1.49E-04	1.63E-03	0.00E+00	3.37E-05	2.45E-12	4.86E-11	3.96E-04	2.57E-05	0.00E+00	0.00E+00	1.56E-05	2.20E-03	7.90E-01	0.00E+00	1.65E-10	2.58E-09	4.11E-04	2.76E-06	2.12E-03	0.00E+00	7.90E-01	4.53E-09	7.90E-01	7.92E-01	2.12E-03	0.00E+00	0.00E+00	0.00E+00	6.59E-04
6768823525	3.20E-04	5.05E-02	0.00E+00	5.05E-02	0.00E+00	0.00E+00	3.31E-02	1.90E-08	1.50E-04	1.65E-03	0.00E+00	0.00E+00	8.88E-13	1.72E-11	1.23E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-06	1.77E-03	7.05E-01	0.00E+00	7.75E-11	2.60E-09	4.15E-04	1.26E-06	9.41E-04	0.00E+00	7.05E-01	1.99E-09	7.05E-01	7.06E-01	9.41E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
6768833512	3.41E-04	7.49E-02	4.57E-10	7.49E-02	2.05E-11	0.00E+00	3.97E-01	2.87E-08	1.47E-04	1.66E-03	0.00E+00	7.59E-05	1.44E-12	4.91E-11	2.09E-04	8.21E-05	0.00E+00	0.00E+00	9.92E-06	5.03E-03	1.10E+00	0.00E+00	1.93E-10	2.91E-09	4.02E-04	1.92E-06	1.41E-03	0.00E+00	1.10E+00	4.89E-09	1.10E+00	1.11E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-03
6768833515	4.05E-04	7.53E-02	4.57E-10	7.53E-02	2.05E-11	0.00E+00	3.97E-01	2.87E-08	1.77E-04	2.16E-03	0.00E+00	7.59E-05	1.44E-12	4.91E-11	2.09E-04	8.21E-05	0.00E+00	0.00E+00	9.92E-06	5.03E-03	1.09E+00	0.00E+00	1.93E-10	3.27E-09	4.83E-04	1.92E-06	1.41E-03	0.00E+00	1.09E+00	4.89E-09	1.09E+00	1.10E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-03
714134	8.66E-05	1.37E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	8.95E-03	5.13E-09	4.06E-05	4.45E-04	0.00E+00	0.00E+00	2.40E-13	4.65E-12	3.33E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-06	4.80E-04	1.91E-01	0.00E+00	2.10E-11	7.04E-10	1.12E-04	3.42E-07	2.55E-04	0.00E+00	1.91E-01	5.38E-10	1.91E-01	1.91E-01	2.55E-04	0.00E+00	0.00E+00	0.00E+00	5.19E-05
7341231404	9.58E-05	1.71E-02	4.57E-10	1.70E-02	2.05E-11	0.00E+00	1.12E-02	6.42E-09	4.37E-05	4.36E-04	0.00E+00	0.00E+00	3.01E-13	5.83E-12	4.14E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-06	6.33E-04	2.42E-01	0.00E+00	2.61E-11	7.46E-10	1.07E-04	4.75E-07	3.24E-04	0.00E+00	2.42E-01	6.67E-10	2.42E-01	2.39E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-05
7341231606	1.20E-04	1.78E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.17E-02	6.70E-09	5.30E-05	5.81E-04	0.00E+00	0.00E+00	3.14E-13	6.07E-12	4.35E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.27E-04	2.49E-01	0.00E+00	2.74E-11	9.19E-10	1.47E-04	4.46E-07	3.32E-04	0.00E+00	2.49E-01	7.03E-10	2.49E-01	2.49E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-05
7341231909	1.26E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.02E-09	5.55E-05	6.09E-04	0.00E+00	0.00E+00	3.29E-13	6.36E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.57E-04	2.61E-01	0.00E+00	2.87E-11	9.64E-10	1.54E-04	4.68E-07	3.48E-04	0.00E+00	2.61E-01	7.37E-10	2.61E-01	2.61E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-05
7341231914	1.29E-04	1.91E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.25E-02	7.16E-09	5.66E-05	6.21E-04	0.00E+00	0.00E+00	3.35E-13	6.49E-12	4.65E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.70E-04	2.66E-01	0.00E+00	2.92E-11	9.83E-10	1.57E-04	4.77E-07	3.55E-04	0.00E+00	2.66E-01	7.51E-10	2.66E-01	2.67E-01	3.55E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-05
7341232045	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.17E-02	6.76E-09	5.31E-05	5.71E-04	0.00E+00	0.00E+00	3.16E-13	6.09E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.23E-04	2.51E-01	0.00E+00	2.78E-11	9.15E-10	1.44E-04	4.60E-07	3.35E-04	0.00E+00	2.51E-01	7.05E-10	2.51E-01	2.49E-01	3.35E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
7341232089	1.26E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.02E-09	5.55E-05	6.09E-04	0.00E+00	0.00E+00	3.29E-13	6.36E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.57E-04	2.61E-01	0.00E+00	2.87E-11	9.64E-10	1.54E-04	4.68E-07	3.48E-04	0.00E+00	2.61E-01	7.37E-10	2.61E-01	2.61E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-05
7341236014	1.11E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.15E-02	6.56E-09	5.19E-05	5.70E-04	0.00E+00	0.00E+00	3.07E-13	5.95E-12	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.14E-04	2.44E-01	0.00E+00	2.68E-11	9.01E-10	1.44E-04	4.37E-07	3.26E-04	0.00E+00	2.44E-01	6.89E-10	2.44E-01	2.44E-01	3.26E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
7341236084	1.19E-04	1.85E-02	4.57E-10	1.85E-02	2.05E-11	0.00E+00	1.22E-02	6.91E-09	5.60E-05	5.98E-04	0.00E+00	0.00E+00	3.27E-13	6.33E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.57E-04	2.59E-01	0.00E+00	2.88E-11	9.74E-10	1.53E-04	4.63E-07	3.48E-04	0.00E+00	2.59E-01	7.30E-10	2.59E-01	2.60E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.02E-05
7341236086	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.48E-09	5.92E-05	6.50E-04	0.00E+00	0.00E+00	3.50E-13	6.78E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.00E-04	2.78E-01	0.00E+00	3.06E-11	1.03E-09	1.64E-04	4.99E-07	3.71E-04	0.00E+00	2.78E-01	7.85E-10	2.78E-01	2.79E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05
7341236089	1.25E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.29E-02	7.41E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.47E-13	6.72E-12	4.81E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.94E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.62E-04	4.94E-07	3.68E-04	0.00E+00	2.76E-01	7.78E-10	2.76E-01	2.76E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
7341238982	1.19E-04	1.85E-02	4.57E-10	1.85E-02	2.05E-11	0.00E+00	1.22E-02	6.95E-09	5.60E-05	5.99E-04	0.00E+00	0.00E+00	3.27E-13	6.35E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.58E-04	2.59E-01	0.00E+00	2.88E-11	9.75E-10	1.53E-04	4.65E-07	3.49E-04	0.00E+00	2.59E-01	7.30E-10	2.59E-01	2.60E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-05
7341238989	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.48E-09	5.92E-05	6.50E-04	0.00E+00	0.00E+00	3.50E-13	6.78E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.00E-04	2.78E-01	0.00E+00	3.06E-11	1.03E-09	1.64E-04	4.99E-07	3.71E-04	0.00E+00	2.78E-01	7.85E-10	2.78E-01	2.79E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05
7341251404	1.26E-04	2.04E-02	4.57E-10	2.04E-02	2.05E-11	0.00E+00	1.40E-02	7.56E-09	5.63E-05	6.04E-04	0.00E+00	0.00E+00	3.59E-13	7.35E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.43E-04	2.86E-01	0.00E+00	3.12E-11	9.99E-10	1.58E-04	5.27E-07	3.83E-04	0.00E+00	2.86E-01	7.98E-10	2.86E-01	2.86E-01	3.83E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-05
7341251606	1.32E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.34E-09	5.81E-05	6.37E-04	0.00E+00	0.00E+00	3.44E-13	6.65E-12	4.76E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.87E-04	2.73E-01	0.00E+00	3.00E-11	1.01E-09	1.61E-04	4.89E-07	3.64E-04	0.00E+00	2.73E-01	7.70E-10	2.73E-01	2.73E-01	3.64E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-05
7341251909	1.34E-04	2.04E-02	4.57E-10	2.05E-02	2.05E-11	0.00E+00	1.34E-02	7.56E-09	6.03E-05	6.67E-04	0.00E+00	0.00E+00	3.59E-13	7.01E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.43E-04	2.86E-01	0.00E+00	3.12E-11	1.04E-09	1.68E-04	5.27E-07	3.83E-04	0.00E+00	2.86E-01	8.01E-10	2.86E-01	2.86E-01	3.83E-04	0.00E+00	0.00E+00	0.00E+00	7.74E-05
7341258982	1.17E-04	1.82E-02	4.57E-10	1.81E-02	2.05E-11	0.00E+00	1.18E-02	6.84E-09	5.49E-05	5.91E-04	0.00E+00	0.00E+00	3.19E-13	6.19E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.60E-04	2.55E-01	0.00E+00	2.81E-11	9.49E-10	1.50E-04	4.90E-07	3.39E-04	0.00E+00	2.55E-01	7.15E-10	2.55E-01	2.55E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05
7341258989	1.32E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.34E-09	5.81E-05	6.37E-04	0.00E+00	0.00E+00	3.44E-13	6.65E-12	4.76E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.87E-04	2.73E-01	0.00E+00	3.00E-11	1.01E-09	1.61E-04	4.89E-07	3.64E-04	0.00E+00	2.73E-01	7.70E-10	2.73E-01	2.73E-01	3.64E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-05
7341357003	3.75E-05	5.53E-03	4.57E-10	5.53E-03	2.05E-11	0.00E+00	3.59E-03	2.08E-09	1.64E-05	1.81E-04	0.00E+00	0.00E+00	1.10E-13	2.25E-12	2.45E-05	0.00E+00	0.00E+00	0.00E+00	6.15E-07	2.24E-04	7.63E-02	0.00E+00	9.76E-12	2.98E-10	4.36E-05	1.49E-07	1.09E-04	0.00E+00	7.63E-02	2.18E-10	7.63E-02	7.50E-02	1.09E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05
7341357004	1.32E-04	2.04E-02	4.57E-10	2.05E-02	2.05E-11	0.00E+00	1.34E-02	7.59E-09	6.04E-05	6.66E-04	0.00E+00	0.00E+00	3.60E-13	6.99E-12	4.97E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.17E-04	2.85E-01	0.00E+00	3.11E-11	1.04E-09	1.67E-04	5.10E-07	3.79E-04	0.00E+00	2.85E-01	8.02E-10	2.85E-01	2.86E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.75E-05
7341357006	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.21E-09	5.70E-05	6.26E-04	0.00E+00	0.00E+00	3.38E-13	6.53E-12	4.68E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.75E-04	2.68E-01	0.00E+00	2.95E-11	9.90E-10	1.58E-04	4.80E-07	3.58E-04	0.00E+00	2.68E-01	7.57E-10	2.68E-01	2.68E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.30E-05
7341357009	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.21E-09	5.70E-05	6.26E-04	0.00E+00	0.00E+00	3.38E-13	6.53E-12	4.68E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.74E-04	2.68E-01	0.00E+00	2.95E-11	9.90E-10	1.58E-04	4.80E-07	3.58E-04	0.00E+00	2.68E-01	7.56E-10	2.68E-01	2.68E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.30E-05
7341357014	1.17E-04	1.81E-02	4.57E-10	1.81E-02	2.05E-11	0.00E+00	1.18E-02	6.80E-09	5.49E-05	5.90E-04	0.00E+00	0.00E+00	3.19E-13	6.16E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.49E-04	2.54E-01	0.00E+00	2.81E-11	9.49E-10	1.49E-04	4.72E-07	3.41E-04	0.00E+00	2.54E-01	7.11E-10	2.54E-01	2.55E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.88E-05
7341393505	2.00E-04	3.25E-02	4.57E-10	3.25E-02	2.05E-11	0.00E+00	2.12E-02	1.24E-08	9.57E-05	1.04E-03	0.00E+00	0.00E+00	5.71E-13	1.14E-11	8.00E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	1.31E-03	4.54E-01	0.00E+00	4.98E-11	1.62E-09	2.58E-04	8.64E-07	6.34E-04	0.00E+00	4.54E-01	1.32E-09	4.54E-01	4.61E-01	6.34E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
7341403533	1.74E-04	2.78E-02	1.14E-08	2.78E-02	4.15E-09	0.00E+00	1.84E-01	1.79E-08	9.07E-05	9.71E-04	0.00E+00	1.13E-05	1.03E-12	1.96E-11	1.55E-04	9.23E-06	0.00E+00	0.00E+00	4.39E-06	1.45E-03	4.27E-01	0.00E+00	7.17E-11	1.35E-09	2.49E-04	9.74E-07	6.86E-04	0.00E+00	4.27E-01	2.12E-09	4.27E-01	4.31E-01	6.86E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04
7341413515	1.85E-04	2.95E-02	4.57E-10	2.95E-02	2.05E-11	0.00E+00	1.91E-02	1.13E-08	7.98E-05	8.66E-04	0.00E+00	0.00E+00	5.15E-13	1.08E-11	7.13E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.21E-03	4.03E-01	0.00E+00	4.54E-11	1.39E-09	2.15E-04	7.83E-07	5.73E-04	0.00E+00	4.03E-01	1.19E-09	4.03E-01	4.06E-01	5.73E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
7341441909	1.28E-04	1.99E-02	4.57E-10	1.99E-02	2.05E-11	0.00E+00	1.29E-02	7.40E-09	5.89E-05	6.43E-04	0.00E+00	0.00E+00	3.47E-13	6.67E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	7.18E-04	2.75E-01	0.00E+00	3.03E-11	1.02E-09	1.62E-04	5.16E-07	3.72E-04	0.00E+00	2.75E-01	7.75E-10	2.75E-01	2.75E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.48E-05
7341442045	9.43E-05	1.66E-02	6.78E-09	1.66E-02	2.10E-09	0.00E+00	4.94E-02	1.44E-08	5.04E-05	5.52E-04	0.00E+00	6.79E-06	5.39E-13	1.08E-11	8.03E-05	7.89E-06	0.00E+00	0.00E+00	3.48E-06	9.65E-04	2.89E-01	0.00E+00	3.98E-11	7.31E-10	1.40E-04	6.26E-07	4.31E-04	0.00E+00	2.89E-01	1.09E-09	2.89E-01	2.90E-01	4.31E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
7341448989	1.28E-04	1.99E-02	4.57E-10	1.99E-02	2.05E-11	0.00E+00	1.29E-02	7.40E-09	5.89E-05	6.43E-04	0.00E+00	0.00E+00	3.47E-13	6.67E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	7.17E-04	2.75E-01	0.00E+00	3.03E-11	1.02E-09	1.62E-04	5.16E-07	3.72E-04	0.00E+00	2.75E-01	7.75E-10	2.75E-01	2.75E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.48E-05
7341512045	1.22E-04	2.00E-02	4.57E-10	2.00E-02	2.05E-11	0.00E+00	1.38E-02	7.43E-09	5.57E-05	5.87E-04	0.00E+00	0.00E+00	3.50E-13	7.18E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.08E-04	2.79E-01	0.00E+00	3.05E-11	9.83E-10	1.54E-04	5.05E-07	3.78E-04	0.00E+00	2.79E-01	7.80E-10	2.79E-01	2.80E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.55E-05
7341512089	1.27E-04	1.99E-02	4.57E-10	1.99E-02	2.05E-11	0.00E+00	1.30E-02	7.40E-09	5.89E-05	6.44E-04	0.00E+00	0.00E+00	3.48E-13	6.68E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.94E-04	2.75E-01	0.00E+00	3.03E-11	1.02E-09	1.62E-04	5.01E-07	3.67E-04	0.00E+00	2.75E-01	7.76E-10	2.75E-01	2.75E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05
7341516084	1.33E-04	2.05E-02	4.57E-10	2.07E-02	2.05E-11	0.00E+00	1.36E-02	7.65E-09	6.08E-05	6.64E-04	0.00E+00	0.00E+00	3.66E-13	6.96E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.27E-04	2.88E-01	0.00E+00	3.13E-11	1.06E-09	1.68E-04	5.22E-07	3.87E-04	0.00E+00	2.88E-01	7.98E-10	2.88E-01	2.88E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	7.82E-05
7341516086	1.40E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.36E-02	7.80E-09	6.17E-05	6.77E-04	0.00E+00	0.00E+00	3.65E-13	7.07E-12	5.07E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.30E-04	2.90E-01	0.00E+00	3.19E-11	1.07E-09	1.71E-04	5.20E-07	3.87E-04	0.00E+00	2.90E-01	8.19E-10	2.90E-01	2.90E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	7.90E-05
7341516089	1.33E-04	2.06E-02	4.57E-10	2.07E-02	2.05E-11	0.00E+00	1.37E-02	7.69E-09	6.09E-05	6.65E-04	0.00E+00	0.00E+00	3.67E-13	6.95E-12	5.08E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.46E-04	2.89E-01	0.00E+00	3.18E-11	1.06E-09	1.69E-04	5.32E-07	3.87E-04	0.00E+00	2.89E-01	8.02E-10	2.89E-01	2.88E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-05
7341517203	1.41E-04	2.13E-02	4.57E-10	2.13E-02	2.05E-11	0.00E+00	1.41E-02	8.03E-09	6.39E-05	6.96E-04	0.00E+00	0.00E+00	3.78E-13	7.31E-12	5.19E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.58E-04	2.98E-01	0.00E+00	3.28E-11	1.11E-09	1.75E-04	5.50E-07	4.04E-04	0.00E+00	2.98E-01	8.46E-10	2.98E-01	3.01E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05
7341517204	1.44E-04	2.33E-02	4.57E-10	2.34E-02	2.05E-11	0.00E+00	1.57E-02	9.12E-09	6.74E-05	7.29E-04	0.00E+00	0.00E+00	4.17E-13	8.07E-12	5.82E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	8.09E-04	3.38E-01	0.00E+00	3.62E-11	1.16E-09	1.89E-04	5.88E-07	4.39E-04	0.00E+00	3.38E-01	9.31E-10	3.38E-01	3.38E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	9.26E-05
7341517206	1.39E-04	2.13E-02	4.57E-10	2.13E-02	2.05E-11	0.00E+00	1.41E-02	8.03E-09	6.37E-05	6.95E-04	0.00E+00	0.00E+00	3.78E-13	7.30E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.69E-04	2.97E-01	0.00E+00	3.28E-11	1.10E-09	1.75E-04	5.48E-07	4.04E-04	0.00E+00	2.97E-01	8.46E-10	2.97E-01	2.98E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.11E-05
7341517209	1.39E-04	2.12E-02	4.57E-10	2.13E-02	2.05E-11	0.00E+00	1.41E-02	8.03E-09	6.36E-05	6.95E-04	0.00E+00	0.00E+00	3.78E-13	7.28E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.69E-04	2.97E-01	0.00E+00	3.28E-11	1.10E-09	1.75E-04	5.48E-07	4.04E-04	0.00E+00	2.97E-01	8.45E-10	2.97E-01	2.98E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-05
73415520	1.05E-04	1.66E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.09E-02	6.24E-09	4.94E-05	5.42E-04	0.00E+00	0.00E+00	2.92E-13	5.66E-12	4.05E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.84E-04	2.32E-01	0.00E+00	2.55E-11	8.57E-10	1.37E-04	4.16E-07	3.10E-04	0.00E+00	2.32E-01	6.55E-10	2.32E-01	2.32E-01	3.10E-04	0.00E+00	0.00E+00	0.00E+00	6.32E-05
7341552045	1.06E-04	1.67E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.10E-02	6.29E-09	4.98E-05	5.46E-04	0.00E+00	0.00E+00	2.95E-13	5.70E-12	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.89E-04	2.34E-01	0.00E+00	2.57E-11	8.64E-10	1.38E-04	4.19E-07	3.12E-04	0.00E+00	2.34E-01	6.60E-10	2.34E-01	2.34E-01	3.12E-04	0.00E+00	0.00E+00	0.00E+00	6.37E-05
7341552089	2.63E-05	1.66E-02	6.80E-08	1.66E-02	2.51E-08	0.00E+00	4.85E-01	6.21E-08	4.76E-06	5.22E-05	0.00E+00	6.95E-05	3.26E-12	6.21E-11	5.88E-04	7.11E-05	0.00E+00	0.00E+00	1.39E-05	1.54E-03	2.95E-01	0.00E+00	2.02E-10	2.25E-10	1.69E-05	1.22E-06	9.31E-04	0.00E+00	2.95E-01	5.93E-09	2.95E-01	2.96E-01	9.31E-04	0.00E+00	0.00E+00	0.00E+00	5.99E-04
73415521	1.05E-04	1.66E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.09E-02	6.24E-09	4.94E-05	5.42E-04	0.00E+00	0.00E+00	2.92E-13	5.66E-12	4.05E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.84E-04	2.32E-01	0.00E+00	2.55E-11	8.57E-10	1.37E-04	4.16E-07	3.10E-04	0.00E+00	2.32E-01	6.55E-10	2.32E-01	2.32E-01	3.10E-04	0.00E+00	0.00E+00	0.00E+00	6.32E-05
7341753555	2.19E-04	5.11E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.45E-02	1.94E-08	1.12E-04	9.80E-04	0.00E+00	0.00E+00	9.78E-13	1.96E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.81E-03	7.54E-01	0.00E+00	1.00E-10	2.03E-09	3.03E-04	1.36E-06	9.85E-04	0.00E+00	7.54E-01	2.42E-09	7.54E-01	7.98E-01	9.85E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-04
7429635	6.93E-05	1.10E-02	4.57E-10	1.10E-02	2.05E-11	0.00E+00	1.86E-02	6.40E-09	3.09E-05	3.39E-04	0.00E+00	0.00E+00	2.61E-13	4.81E-12	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-06	3.85E-04	1.56E-01	0.00E+00	1.94E-11	5.44E-10	8.86E-05	2.87E-07	2.20E-04	0.00E+00	1.56E-01	4.72E-10	1.56E-01	1.56E-01	2.20E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-05
8412186	3.53E-05	5.19E-03	4.57E-10	5.20E-03	2.05E-11	0.00E+00	1.50E-02	3.90E-09	1.52E-05	1.82E-04	0.00E+00	0.00E+00	1.44E-13	3.05E-12	1.79E-05	0.00E+00	0.00E+00	0.00E+00	6.90E-07	2.09E-04	5.61E-02	0.00E+00	9.91E-12	2.64E-10	3.85E-05	1.04E-07	8.76E-05	0.00E+00	5.61E-02	2.10E-10	5.61E-02	5.94E-02	8.76E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-05
8413006	3.47E-05	6.35E-03	4.57E-10	6.37E-03	2.05E-11	0.00E+00	4.39E-03	4.37E-09	1.80E-05	1.92E-04	0.00E+00	0.00E+00	1.23E-13	2.27E-12	1.97E-05	0.00E+00	0.00E+00	0.00E+00	6.22E-07	2.83E-04	9.63E-02	0.00E+00	1.04E-11	2.98E-10	4.22E-05	2.13E-07	1.69E-04	0.00E+00	9.63E-02	5.19E-10	9.63E-02	9.76E-02	1.69E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05
841402506	3.92E-05	6.28E-03	4.57E-10	6.29E-03	2.05E-11	0.00E+00	1.58E-02	5.35E-09	1.85E-05	1.99E-04	0.00E+00	0.00E+00	1.87E-13	3.99E-12	2.71E-05	0.00E+00	0.00E+00	0.00E+00	8.89E-07	2.46E-04	8.70E-02	0.00E+00	1.75E-11	3.21E-10	5.11E-05	1.60E-07	1.29E-04	0.00E+00	8.70E-02	3.31E-10	8.70E-02	8.59E-02	1.29E-04	0.00E+00	0.00E+00	0.00E+00	2.67E-05
8418505	3.78E-05	5.97E-03	0.00E+00	5.97E-03	0.00E+00	0.00E+00	3.91E-03	2.24E-09	1.77E-05	1.95E-04	0.00E+00	0.00E+00	1.05E-13	2.03E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.28E-07	2.10E-04	8.33E-02	0.00E+00	9.16E-12	3.08E-10	4.91E-05	1.49E-07	1.11E-04	0.00E+00	8.33E-02	2.35E-10	8.33E-02	8.34E-02	1.11E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-05
8418525	3.59E-05	6.35E-03	4.57E-10	6.36E-03	2.05E-11	0.00E+00	4.39E-03	4.44E-09	1.84E-05	1.93E-04	0.00E+00	0.00E+00	1.19E-13	2.28E-12	1.63E-05	0.00E+00	0.00E+00	0.00E+00	5.93E-07	2.83E-04	9.71E-02	0.00E+00	1.04E-11	3.09E-10	4.30E-05	2.14E-07	1.69E-04	0.00E+00	9.71E-02	5.21E-10	9.71E-02	9.76E-02	1.69E-04	0.00E+00	0.00E+00	0.00E+00	2.56E-05
841852501	3.89E-05	6.06E-03	4.57E-10	6.05E-03	2.05E-11	0.00E+00	3.96E-03	2.27E-09	1.84E-05	1.96E-04	0.00E+00	0.00E+00	1.06E-13	2.06E-12	1.48E-05	0.00E+00	0.00E+00	0.00E+00	5.34E-07	2.12E-04	8.45E-02	0.00E+00	9.29E-12	3.16E-10	4.98E-05	1.51E-07	1.12E-04	0.00E+00	8.45E-02	2.38E-10	8.45E-02	8.48E-02	1.12E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05
841852502	3.87E-05	6.10E-03	0.00E+00	6.10E-03	0.00E+00	0.00E+00	4.00E-03	2.29E-09	1.81E-05	1.99E-04	0.00E+00	0.00E+00	1.07E-13	2.08E-12	1.49E-05	0.00E+00	0.00E+00	0.00E+00	5.40E-07	2.14E-04	8.52E-02	0.00E+00	9.37E-12	3.15E-10	5.02E-05	1.53E-07	1.14E-04	0.00E+00	8.52E-02	2.41E-10	8.52E-02	8.54E-02	1.14E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05
841852505	3.80E-05	6.00E-03	0.00E+00	6.00E-03	0.00E+00	0.00E+00	3.93E-03	2.25E-09	1.78E-05	1.96E-04	0.00E+00	0.00E+00	1.06E-13	2.04E-12	1.46E-05	0.00E+00	0.00E+00	0.00E+00	5.31E-07	2.11E-04	8.38E-02	0.00E+00	9.20E-12	3.09E-10	4.93E-05	1.50E-07	1.12E-04	0.00E+00	8.38E-02	2.36E-10	8.38E-02	8.39E-02	1.12E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-05
841852506	3.87E-05	6.04E-03	4.57E-10	6.04E-03	2.05E-11	0.00E+00	3.96E-03	2.27E-09	1.84E-05	1.93E-04	0.00E+00	0.00E+00	1.06E-13	2.06E-12	1.48E-05	0.00E+00	0.00E+00	0.00E+00	5.34E-07	2.13E-04	8.48E-02	0.00E+00	9.30E-12	3.15E-10	4.96E-05	1.51E-07	1.12E-04	0.00E+00	8.48E-02	2.38E-10	8.48E-02	8.48E-02	1.12E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05
841852521	3.81E-05	5.52E-03	4.57E-10	5.52E-03	2.05E-11	0.00E+00	3.62E-03	2.09E-09	1.79E-05	1.91E-04	0.00E+00	0.00E+00	9.60E-14	1.98E-12	1.36E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-07	2.08E-04	7.72E-02	0.00E+00	8.94E-12	3.06E-10	4.62E-05	1.45E-07	1.03E-04	0.00E+00	7.72E-02	2.20E-10	7.72E-02	7.66E-02	1.03E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-05

841852525	3.86E-05	6.13E-03	4.57E-10	6.13E-03	2.05E-11	0.00E+00	4.00E-03	2.47E-09	1.83E-05	1.90E-04	0.00E+00	0.00E+00	1.07E-13	2.34E-12	1.57E-05	0.00E+00	0.00E+00	0.00E+00	5.38E-07	2.55E-04	8.57E-02	0.00E+00	9.26E-12	3.12E-10	4.99E-05	1.54E-07	1.21E-04	0.00E+00	8.57E-02	2.76E-10	8.57E-02	8.50E-02	1.21E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05
841852526	3.93E-05	6.20E-03	0.00E+00	6.20E-03	0.00E+00	0.00E+00	4.07E-03	2.33E-09	1.84E-05	2.02E-04	0.00E+00	0.00E+00	1.09E-13	2.11E-12	1.51E-05	0.00E+00	0.00E+00	0.00E+00	5.49E-07	2.18E-04	8.66E-02	0.00E+00	9.52E-12	3.20E-10	5.10E-05	1.55E-07	1.16E-04	0.00E+00	8.66E-02	2.44E-10	8.66E-02	8.68E-02	1.16E-04	0.00E+00	0.00E+00	0.00E+00	2.36E-05
8418855	3.76E-05	5.65E-03	4.57E-10	5.65E-03	2.05E-11	0.00E+00	3.76E-03	2.18E-09	1.77E-05	1.85E-04	0.00E+00	0.00E+00	1.10E-13	2.00E-12	1.66E-05	0.00E+00	0.00E+00	0.00E+00	5.80E-07	2.37E-04	7.86E-02	0.00E+00	8.90E-12	3.01E-10	4.54E-05	1.46E-07	1.07E-04	0.00E+00	7.86E-02	2.25E-10	7.86E-02	7.71E-02	1.07E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-05
8419505	3.91E-05	6.16E-03	0.00E+00	6.16E-03	0.00E+00	0.00E+00	4.04E-03	2.31E-09	1.83E-05	2.01E-04	0.00E+00	0.00E+00	1.08E-13	2.10E-12	1.50E-05	0.00E+00	0.00E+00	0.00E+00	5.45E-07	2.16E-04	8.60E-02	0.00E+00	9.46E-12	3.18E-10	5.07E-05	1.54E-07	1.15E-04	0.00E+00	8.60E-02	2.43E-10	8.60E-02	8.62E-02	1.15E-04	0.00E+00	0.00E+00	0.00E+00	2.34E-05
841952502	4.00E-05	6.31E-03	0.00E+00	6.31E-03	0.00E+00	0.00E+00	4.14E-03	2.37E-09	1.88E-05	2.06E-04	0.00E+00	0.00E+00	1.11E-13	2.15E-12	1.54E-05	0.00E+00	0.00E+00	0.00E+00	5.59E-07	2.22E-04	8.81E-02	0.00E+00	9.68E-12	3.25E-10	5.19E-05	1.58E-07	1.18E-04	0.00E+00	8.81E-02	2.49E-10	8.81E-02	8.82E-02	1.18E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-05
841952505	3.88E-05	6.11E-03	0.00E+00	6.11E-03	0.00E+00	0.00E+00	4.01E-03	2.30E-09	1.82E-05	1.99E-04	0.00E+00	0.00E+00	1.08E-13	2.08E-12	1.49E-05	0.00E+00	0.00E+00	0.00E+00	5.41E-07	2.15E-04	8.54E-02	0.00E+00	9.39E-12	3.15E-10	5.03E-05	1.53E-07	1.14E-04	0.00E+00	8.54E-02	2.41E-10	8.54E-02	8.55E-02	1.14E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05
841952506	3.76E-05	6.13E-03	4.57E-10	6.14E-03	2.05E-11	0.00E+00	3.98E-03	2.28E-09	1.81E-05	1.93E-04	0.00E+00	0.00E+00	1.11E-13	2.35E-12	1.67E-05	0.00E+00	0.00E+00	0.00E+00	5.70E-07	2.15E-04	8.58E-02	0.00E+00	9.34E-12	3.14E-10	4.96E-05	1.52E-07	1.15E-04	0.00E+00	8.58E-02	2.39E-10	8.58E-02	8.51E-02	1.15E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05
8419605	3.95E-05	6.23E-03	4.57E-10	6.24E-03	2.05E-11	0.00E+00	4.16E-03	2.34E-09	1.86E-05	1.99E-04	0.00E+00	0.00E+00	1.11E-13	2.15E-12	1.50E-05	0.00E+00	0.00E+00	0.00E+00	5.58E-07	2.18E-04	8.53E-02	0.00E+00	9.64E-12	3.18E-10	5.10E-05	1.57E-07	1.19E-04	0.00E+00	8.53E-02	2.48E-10	8.53E-02	8.59E-02	1.19E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-05
8419609	3.90E-05	6.10E-03	4.57E-10	6.10E-03	2.05E-11	0.00E+00	3.98E-03	2.23E-09	1.84E-05	1.97E-04	0.00E+00	0.00E+00	1.06E-13	2.06E-12	1.48E-05	0.00E+00	0.00E+00	0.00E+00	5.33E-07	2.11E-04	8.42E-02	0.00E+00	9.28E-12	3.14E-10	5.00E-05	1.51E-07	1.13E-04	0.00E+00	8.42E-02	2.38E-10	8.42E-02	8.50E-02	1.13E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05
8429615	7.97E-05	1.24E-02	4.57E-10	1.24E-02	2.05E-11	0.00E+00	1.97E-02	6.92E-09	3.61E-05	3.72E-04	0.00E+00	0.00E+00	2.87E-13	4.94E-12	3.77E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-06	4.38E-04	1.76E-01	0.00E+00	2.21E-11	6.37E-10	9.87E-05	3.12E-07	2.45E-04	0.00E+00	1.76E-01	5.30E-10	1.76E-01	1.75E-01	2.45E-04	0.00E+00	0.00E+00	0.00E+00	4.95E-05
8429634	7.41E-05	1.17E-02	4.57E-10	1.17E-02	2.05E-11	0.00E+00	1.91E-02	6.70E-09	3.46E-05	3.78E-04	0.00E+00	0.00E+00	2.67E-13	4.65E-12	3.30E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-06	4.12E-04	1.66E-01	0.00E+00	2.03E-11	6.00E-10	9.59E-05	2.95E-07	2.22E-04	0.00E+00	1.66E-01	5.08E-10	1.66E-01	1.67E-01	2.22E-04	0.00E+00	0.00E+00	0.00E+00	4.65E-05
8429636	7.40E-05	1.16E-02	4.57E-10	1.16E-02	2.05E-11	0.00E+00	1.90E-02	6.67E-09	3.42E-05	3.76E-04	0.00E+00	0.00E+00	2.69E-13	4.63E-12	3.28E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-06	4.09E-04	1.65E-01	0.00E+00	2.01E-11	5.97E-10	9.55E-05	2.93E-07	2.22E-04	0.00E+00	1.65E-01	5.03E-10	1.65E-01	1.66E-01	2.22E-04	0.00E+00	0.00E+00	0.00E+00	4.65E-05
8429646	5.08E-05	8.72E-03	4.57E-10	8.76E-03	2.05E-11	0.00E+00	5.53E-03	3.21E-09	2.39E-05	2.54E-04	0.00E+00	0.00E+00	1.79E-13	2.94E-12	2.37E-05	0.00E+00	0.00E+00	0.00E+00	8.61E-07	3.19E-04	1.28E-01	0.00E+00	1.43E-11	4.18E-10	6.47E-05	2.20E-07	1.72E-04	0.00E+00	1.28E-01	3.39E-10	1.28E-01	1.28E-01	1.72E-04	0.00E+00	0.00E+00	0.00E+00	3.31E-05
8451705	3.56E-05	5.11E-03	4.57E-10	5.11E-03	2.05E-11	0.00E+00	3.30E-03	1.80E-09	1.54E-05	1.72E-04	0.00E+00	0.00E+00	8.10E-14	1.95E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.39E-07	2.06E-04	6.48E-02	0.00E+00	7.68E-12	2.71E-10	3.93E-05	1.18E-07	8.64E-05	0.00E+00	6.48E-02	1.83E-10	6.48E-02	6.51E-02	8.64E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-05
845172501	3.57E-05	5.11E-03	4.57E-10	5.11E-03	2.05E-11	0.00E+00	3.30E-03	1.80E-09	1.55E-05	1.72E-04	0.00E+00	0.00E+00	8.10E-14	1.93E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.37E-07	2.05E-04	6.49E-02	0.00E+00	7.69E-12	2.71E-10	3.93E-05	1.18E-07	8.63E-05	0.00E+00	6.49E-02	1.83E-10	6.49E-02	6.51E-02	8.63E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-05
845172505	3.56E-05	5.11E-03	4.57E-10	5.11E-03	2.05E-11	0.00E+00	3.30E-03	1.80E-09	1.54E-05	1.72E-04	0.00E+00	0.00E+00	8.10E-14	1.95E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.39E-07	2.06E-04	6.48E-02	0.00E+00	7.68E-12	2.71E-10	3.93E-05	1.18E-07	8.64E-05	0.00E+00	6.48E-02	1.83E-10	6.48E-02	6.51E-02	8.64E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-05
845172509	3.56E-05	5.11E-03	4.57E-10	5.11E-03	2.05E-11	0.00E+00	3.29E-03	1.81E-09	1.58E-05	1.71E-04	0.00E+00	0.00E+00	8.20E-14	1.93E-12	1.15E-05	0.00E+00	0.00E+00	0.00E+00	5.34E-07	2.03E-04	6.57E-02	0.00E+00	7.82E-12	2.73E-10	3.90E-05	1.22E-07	8.70E-05	0.00E+00	6.57E-02	1.84E-10	6.57E-02	6.66E-02	8.70E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-05
845712501	3.68E-05	5.40E-03	4.57E-10	5.39E-03	2.05E-11	0.00E+00	3.55E-03	2.06E-09	1.69E-05	1.81E-04	0.00E+00	0.00E+00	9.40E-14	1.92E-12	1.33E-05	0.00E+00	0.00E+00	0.00E+00	5.33E-07	2.02E-04	7.49E-02	0.00E+00	8.47E-12	2.94E-10	4.25E-05	1.45E-07	1.02E-04	0.00E+00	7.49E-02	2.16E-10	7.49E-02	7.45E-02	1.02E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05
845712503	3.67E-05	5.40E-03	4.57E-10	5.39E-03	2.05E-11	0.00E+00	3.52E-03	2.02E-09	1.68E-05	1.81E-04	0.00E+00	0.00E+00	9.30E-14	1.94E-12	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.36E-07	2.04E-04	7.44E-02	0.00E+00	8.26E-12	2.92E-10	4.27E-05	1.41E-07	1.02E-04	0.00E+00	7.44E-02	2.14E-10	7.44E-02	7.45E-02	1.02E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-05
845712505	3.75E-05	5.40E-03	4.57E-10	5.40E-03	2.05E-11	0.00E+00	3.56E-03	2.07E-09	1.77E-05	1.95E-04	0.00E+00	0.00E+00	9.40E-14	1.94E-12	1.32E-05	0.00E+00	0.00E+00	0.00E+00	5.03E-07	2.05E-04	7.50E-02	0.00E+00	8.74E-12	3.03E-10	4.51E-05	1.43E-07	1.02E-04	0.00E+00	7.50E-02	2.17E-10	7.50E-02	7.49E-02	1.02E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05
845712507	3.72E-05	5.46E-03	4.57E-10	5.45E-03	2.05E-11	0.00E+00	3.55E-03	2.06E-09	1.73E-05	1.82E-04	0.00E+00	0.00E+00	9.40E-14	1.92E-12	1.33E-05	0.00E+00	0.00E+00	0.00E+00	5.31E-07	2.01E-04	7.54E-02	0.00E+00	8.63E-12	3.01E-10	4.39E-05	1.46E-07	1.04E-04	0.00E+00	7.54E-02	2.17E-10	7.54E-02	7.49E-02	1.04E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05
845712509	3.41E-05	5.37E-03	0.00E+00	5.37E-03	0.00E+00	0.00E+00	3.53E-03	2.02E-09	1.60E-05	1.75E-04	0.00E+00	0.00E+00	9.50E-14	1.83E-12	1.31E-05	0.00E+00	0.00E+00	0.00E+00	4.76E-07	1.89E-04	7.51E-02	0.00E+00	8.25E-12	2.77E-10	4.42E-05	1.35E-07	1.00E-04	0.00E+00	7.51E-02	2.12E-10	7.51E-02	7.52E-02	1.00E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-05
847312506	3.72E-05	5.78E-03	4.57E-10	5.78E-03	2.05E-11	0.00E+00	3.75E-03	2.37E-09	1.79E-05	1.94E-04	0.00E+00	0.00E+00	1.06E-13	2.00E-12	1.76E-05	0.00E+00	0.00E+00	0.00E+00	5.48E-07	2.13E-04	8.07E-02	0.00E+00	9.00E-12	3.09E-10	4.90E-05	1.46E-07	1.07E-04	0.00E+00	8.07E-02	2.25E-10	8.07E-02	8.10E-02	1.07E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05
847782502	3.76E-05	5.51E-03	4.57E-10	5.52E-03	2.05E-11	0.00E+00	3.66E-03	2.29E-09	1.75E-05	1.87E-04	0.00E+00	0.00E+00	9.70E-14	2.25E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.17E-07	2.51E-04	7.73E-02	0.00E+00	8.86E-12	3.01E-10	4.59E-05	1.47E-07	1.11E-04	0.00E+00	7.73E-02	2.56E-10	7.73E-02	7.61E-02	1.11E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05
847782505	3.76E-05	5.51E-03	4.57E-10	5.52E-03	2.05E-11	0.00E+00	3.64E-03	2.09E-09	1.75E-05	1.90E-04	0.00E+00	0.00E+00	9.70E-14	2.25E-12	1.44E-05	0.00E+00	0.00E+00	0.00E+00	5.17E-07	2.22E-04	7.73E-02	0.00E+00	8.83E-12	3.01E-10	4.59E-05	1.44E-07	1.07E-04	0.00E+00	7.73E-02	2.19E-10	7.73E-02	7.61E-02	1.07E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05
847782506	3.76E-05	5.51E-03	4.57E-10	5.52E-03	2.05E-11	0.00E+00	3.64E-03	2.29E-09	1.75E-05	1.87E-04	0.00E+00	0.00E+00	9.70E-14	2.25E-12	1.44E-05	0.00E+00	0.00E+00	0.00E+00	5.17E-07	2.51E-04	7.73E-02	0.00E+00	8.83E-12	3.01E-10	4.59E-05	1.47E-07	1.11E-04	0.00E+00	7.73E-02	2.56E-10	7.73E-02	7.61E-02	1.11E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05
847782512	3.72E-05	5.55E-03	4.57E-10	5.55E-03	2.05E-11	0.00E+00	3.65E-03	2.11E-09	1.78E-05	1.90E-04	0.00E+00	0.00E+00	1.08E-13	1.98E-12	2.02E-05	0.00E+00	0.00E+00	0.00E+00	6.05E-07	2.12E-04	7.86E-02	0.00E+00	8.86E-12	3.08E-10	4.55E-05	1.44E-07	1.05E-04	0.00E+00	7.86E-02	2.40E-10	7.86E-02	7.80E-02	1.05E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05
847792502	3.70E-05	5.65E-03	4.57E-10	5.65E-03	2.05E-11	0.00E+00	3.71E-03	2.13E-09	1.77E-05	1.95E-04	0.00E+00	0.00E+00	1.10E-13	2.53E-12	1.94E-05	0.00E+00	0.00E+00	0.00E+00	6.09E-07	2.12E-04	7.84E-02	0.00E+00	8.94E-12	3.06E-10	4.52E-05	1.45E-07	1.08E-04	0.00E+00	7.84E-02	2.23E-10	7.84E-02	7.80E-02	1.08E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05
847792505	3.69E-05	5.51E-03	4.57E-10	5.51E-03	2.05E-11	0.00E+00	3.66E-03	2.09E-09	1.74E-05	1.91E-04	0.00E+00	0.00E+00	1.06E-13	2.26E-12	1.82E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-07	2.13E-04	7.71E-02	0.00E+00	8.91E-12	3.03E-10	4.52E-05	1.44E-07	1.07E-04	0.00E+00	7.71E-02	2.18E-10	7.71E-02	7.61E-02	1.07E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05
847792506	3.72E-05	5.80E-03	4.57E-10	5.80E-03	2.05E-11	0.00E+00	3.75E-03	2.16E-09	1.77E-05	1.93E-04	0.00E+00	0.00E+00	1.10E-13	2.25E-12	1.86E-05	0.00E+00	0.00E+00	0.00E+00	6.09E-07	2.13E-04	8.07E-02	0.00E+00	8.93E-12	3.08E-10	4.82E-05	1.44E-07	1.11E-04	0.00E+00	8.07E-02	2.24E-10	8.07E-02	8.07E-02	1.11E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05
847792512	3.68E-05	6.02E-03	4.57E-10	6.02E-03	2.05E-11	0.00E+00	3.90E-03	2.24E-09	1.77E-05	1.87E-04	0.00E+00	0.00E+00	1.20E-13	2.05E-12	2.20E-05	0.00E+00	0.00E+00	0.00E+00	6.28E-07	2.13E-04	8.47E-02	0.00E+00	9.20E-12	3.07E-10	4.70E-05	1.55E-07	1.16E-04	0.00E+00	8.47E-02	2.55E-10	8.47E-02	8.43E-02	1.16E-04	0.00E+00	0.00E+00	0.00E+00	2.39E-05
847882506	3.70E-05	5.63E-03	4.57E-10	5.64E-03	2.05E-11	0.00E+00	3.76E-03	2.34E-09	1.78E-05	1.94E-04	0.00E+00	0.00E+00	1.05E-13	2.28E-12	1.76E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.15E-04	7.87E-02	0.00E+00	9.01E-12	3.05E-10	4.63E-05	1.46E-07	1.05E-04	0.00E+00	7.87E-02	2.24E-10	7.87E-02	7.83E-02	1.05E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-05
848002502	3.15E-05	8.29E-03	4.57E-10	8.30E-03	2.05E-11	0.00E+00	5.48E-03	3.18E-09	1.41E-05	1.32E-04	0.00E+00	0.00E+00	1.05E-12	1.88E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-06	5.77E-04	1.29E-01	0.00E+00	6.24E-11	2.99E-10	3.65E-05	2.21E-07	3.25E-04	0.00E+00	1.29E-01	3.37E-10	1.29E-01	1.28E-01	3.25E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
848002503	3.15E-05	8.33E-03	4.57E-10	8.34E-03	2.05E-11	0.00E+00	5.50E-03	3.18E-09	1.40E-05	1.31E-04	0.00E+00	0.00E+00	1.05E-12	1.88E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-06	5.77E-04	1.29E-01	0.00E+00	6.24E-11	3.00E-10	3.66E-05	2.21E-07	3.25E-04	0.00E+00	1.29E-01	3.39E-10	1.29E-01	1.28E-01	3.25E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
848002504	1.05E-04	1.65E-02	4.57E-10	1.65E-02	2.05E-11	0.00E+00	1.10E-02	6.22E-09	4.85E-05	5.43E-04	0.00E+00	0.00E+00	2.90E-13	5.99E-12	4.09E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	5.89E-04	2.32E-01	0.00E+00	2.54E-11	8.54E-10	1.36E-04	4.16E-07	3.12E-04	0.00E+00	2.32E-01	6.52E-10	2.32E-01	2.33E-01	3.12E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-05
848002505	9.35E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.29E-03	5.45E-09	4.28E-05	4.73E-04	0.00E+00	0.00E+00	2.49E-13	4.80E-12	3.48E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	5.01E-04	2.00E-01	0.00E+00	2.18E-11	7.47E-10	1.18E-04	3.59E-07	2.73E-04	0.00E+00	2.00E-01	5.68E-10	2.00E-01	2.00E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-05
848002506	9.64E-05	1.47E-02	4.57E-10	1.47E-02	2.05E-11	0.00E+00	9.62E-03	5.53E-09	4.32E-05	4.83E-04	0.00E+00	0.00E+00	2.60E-13	5.02E-12	3.59E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.19E-04	2.04E-01	0.00E+00	2.25E-11	7.54E-10	1.21E-04	3.67E-07	2.77E-04	0.00E+00	2.04E-01	5.77E-10	2.04E-01	2.04E-01	2.77E-04	0.00E+00	0.00E+00	0.00E+00	5.59E-05
848002507	4.61E-05	8.09E-03	4.57E-10	8.08E-03	2.05E-11	0.00E+00	5.33E-03	2.99E-09	2.27E-05	2.57E-04	0.00E+00	0.00E+00	1.38E-13	3.02E-12	2.19E-05	0.00E+00	0.00E+00	0.00E+00	7.13E-07	2.99E-04	1.11E-01	0.00E+00	1.23E-11	3.89E-10	6.37E-05	2.09E-07	1.70E-04	0.00E+00	1.11E-01	3.18E-10	1.11E-01	1.11E-01	1.70E-04	0.00E+00	0.00E+00	0.00E+00	3.06E-05
848002512	5.38E-05	8.74E-03	4.57E-10	8.78E-03	2.05E-11	0.00E+00	5.56E-03	3.20E-09	2.46E-05	2.69E-04	0.00E+00	0.00E+00	1.80E-13	2.97E-12	2.38E-05	0.00E+00	0.00E+00	0.00E+00	8.66E-07	3.30E-04	1.28E-01	0.00E+00	1.43E-11	4.25E-10	6.80E-05	2.22E-07	1.74E-04	0.00E+00	1.28E-01	3.39E-10	1.28E-01	1.28E-01	1.74E-04	0.00E+00	0.00E+00	0.00E+00	3.33E-05
848002514	9.63E-05	1.47E-02	4.57E-10	1.47E-02	2.05E-11	0.00E+00	9.64E-03	5.53E-09	4.32E-05	4.84E-04	0.00E+00	0.00E+00	2.60E-13	5.02E-12	3.67E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.19E-04	2.04E-01	0.00E+00	2.25E-11	7.54E-10	1.21E-04	3.67E-07	2.77E-04	0.00E+00	2.04E-01	5.78E-10	2.04E-01	2.04E-01	2.77E-04	0.00E+00	0.00E+00	0.00E+00	5.59E-05
848002516	9.63E-05	1.47E-02	4.57E-10	1.47E-02	2.05E-11	0.00E+00	9.64E-03	5.53E-09	4.32E-05	4.84E-04	0.00E+00	0.00E+00	2.60E-13	5.02E-12	3.67E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.19E-04	2.04E-01	0.00E+00	2.25E-11	7.54E-10	1.21E-04	3.67E-07	2.77E-04	0.00E+00	2.04E-01	5.78E-10	2.04E-01	2.04E-01	2.77E-04	0.00E+00	0.00E+00	0.00E+00	5.59E-05
848002517	1.04E-04	1.60E-02	4.57E-10	1.60E-02	2.05E-11	0.00E+00	1.05E-02	6.02E-09	4.73E-05	5.26E-04	0.00E+00	0.00E+00	2.85E-13	5.47E-12	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-06	5.64E-04	2.24E-01	0.00E+00	2.49E-11	8.32E-10	1.32E-04	4.03E-07	3.01E-04	0.00E+00	2.24E-01	6.29E-10	2.24E-01	2.24E-01	3.01E-04	0.00E+00	0.00E+00	0.00E+00	6.07E-05
848012502	4.44E-05	8.13E-03	4.57E-10	8.11E-03	2.05E-11	0.00E+00	5.35E-03	3.02E-09	2.19E-05	2.53E-04	0.00E+00	0.00E+00	1.53E-13	3.30E-12	2.72E-05	0.00E+00	0.00E+00	0.00E+00	8.33E-07	3.00E-04	1.12E-01	0.00E+00	1.23E-11	3.72E-10	5.98E-05	2.10E-07	1.75E-04	0.00E+00	1.12E-01	3.21E-10	1.12E-01	1.12E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.06E-05
848012503	2.98E-05	8.35E-03	4.57E-10	8.36E-03	2.05E-11	0.00E+00	5.51E-03	3.20E-09	1.32E-05	1.28E-04	0.00E+00	0.00E+00	1.06E-12	1.90E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	4.37E-06	5.78E-04	1.30E-01	0.00E+00	6.24E-11	2.83E-10	3.26E-05	2.21E-07	3.29E-04	0.00E+00	1.30E-01	3.39E-10	1.30E-01	1.29E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
848012506	4.44E-05	8.12E-03	4.57E-10	8.10E-03	2.05E-11	0.00E+00	5.35E-03	3.01E-09	2.19E-05	2.53E-04	0.00E+00	0.00E+00	1.53E-13	3.30E-12	2.63E-05	0.00E+00	0.00E+00	0.00E+00	8.32E-07	3.00E-04	1.12E-01	0.00E+00	1.23E-11	3.73E-10	5.98E-05	2.10E-07	1.75E-04	0.00E+00	1.12E-01	3.20E-10	1.12E-01	1.12E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.06E-05
848012507	9.96E-05	1.54E-02	4.57E-10	1.55E-02	2.05E-11	0.00E+00	1.02E-02	5.83E-09	4.70E-05	5.07E-04	0.00E+00	0.00E+00	2.71E-13	5.27E-12	3.79E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-06	5.46E-04	2.16E-01	0.00E+00	2.36E-11	8.19E-10	1.28E-04	3.87E-07	2.91E-04	0.00E+00	2.16E-01	6.09E-10	2.16E-01	2.16E-01	2.91E-04	0.00E+00	0.00E+00	0.00E+00	5.89E-05
848012512	5.38E-05	8.74E-03	4.57E-10	8.78E-03	2.05E-11	0.00E+00	5.54E-03	3.20E-09	2.47E-05	2.69E-04	0.00E+00	0.00E+00	1.80E-13	2.97E-12	2.38E-05	0.00E+00	0.00E+00	0.00E+00	8.66E-07	3.30E-04	1.28E-01	0.00E+00	1.43E-11	4.24E-10	6.79E-05	2.22E-07	1.73E-04	0.00E+00	1.28E-01	3.39E-10	1.28E-01	1.28E-01	1.73E-04	0.00E+00	0.00E+00	0.00E+00	3.32E-05
848012513	1.01E-04	1.56E-02	4.57E-10	1.56E-02	2.05E-11	0.00E+00	1.04E-02	5.95E-09	4.72E-05	5.20E-04	0.00E+00	0.00E+00	2.79E-13	5.42E-12	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-06	5.59E-04	2.17E-01	0.00E+00	2.43E-11	8.21E-10	1.29E-04	3.91E-07	2.98E-04	0.00E+00	2.17E-01	6.19E-10	2.17E-01	2.17E-01	2.98E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-05
848012514	1.03E-04	1.60E-02	4.57E-10	1.60E-02	2.05E-11	0.00E+00	1.05E-02	6.02E-09	4.73E-05	5.26E-04	0.00E+00	0.00E+00	2.85E-13	5.46E-12	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-06	5.64E-04	2.24E-01	0.00E+00	2.49E-11	8.32E-10	1.32E-04	4.03E-07	3.01E-04	0.00E+00	2.24E-01	6.29E-10	2.24E-01	2.24E-01	3.01E-04	0.00E+00	0.00E+00	0.00E+00	6.07E-05
848012517	9.63E-05	1.47E-02	4.57E-10	1.47E-02	2.05E-11	0.00E+00	9.64E-03	5.53E-09	4.32E-05	4.84E-04	0.00E+00	0.00E+00	2.60E-13	5.02E-12	3.67E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.19E-04	2.04E-01	0.00E+00	2.25E-11	7.54E-10	1.21E-04	3.67E-07	2.77E-04	0.00E+00	2.04E-01	5.78E-10	2.04E-01	2.04E-01	2.77E-04	0.00E+00	0.00E+00	0.00E+00	5.59E-05
848102502	1.00E-04	1.60E-02	4.57E-10	1.60E-02	2.05E-11	0.00E+00	1.05E-02	6.03E-09	4.53E-05	4.35E-04	0.00E+00	0.00E+00	2.84E-13	5.46E-12	4.00E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-06	5.71E-04	2.24E-01	0.00E+00	2.50E-11	7.94E-10	1.22E-04	4.05E-07	3.01E-04	0.00E+00	2.24E-01	6.30E-10	2.24E-01	2.25E-01	3.01E-04	0.00E+00	0.00E+00	0.00E+00	6.08E-05
848102503	4.66E-05	8.16E-03	4.57E-10	8.15E-03	2.05E-11	0.00E+00	5.38E-03	3.06E-09	2.24E-05	2.51E-04	0.00E+00	0.00E+00	2.74E-13	3.61E-12	2.57E-05	0.00E+00	0.00E+00	0.00E+00	7.81E-07	3.04E-04	1.15E-01	0.00E+00	1.41E-11	3.89E-10	6.32E-05	2.11E-07	1.79E-04	0.00E+00	1.15E-01	3.25E-10	1.15E-01	1.16E-01	1.79E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05
848102504	8.98E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.29E-03	5.45E-09	4.10E-05	3.98E-04	0.00E+00	0.00E+00	2.49E-13	4.80E-12	3.48E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	5.01E-04	2.00E-01	0.00E+00	2.18E-11	7.14E-10	1.09E-04	3.59E-07	2.73E-04	0.00E+00	2.00E-01	5.68E-10	2.00E-01	2.00E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-05
848102507	5.40E-05	8.71E-03	4.57E-10	8.75E-03	2.05E-11	0.00E+00	5.49E-03	3.18E-09	2.25E-05	2.64E-04	0.00E+00	0.00E+00	1.93E-13	3.49E-12	2.61E-05	0.00E+00	0.00E+00	0.00E+00	8.63E-07	3.40E-04	1.27E-01	0.00E+00	1.67E-11	3.97E-10	6.16E-05	2.21E-07	1.69E-04	0.00E+00	1.27E-01	3.38E-10	1.27E-01	1.27E-01	1.69E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-05
848112502	8.98E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.29E-03	5.45E-09	4.10E-05	3.98E-04	0.00E+00	0.00E+00	2.53E-13	4.80E-12	3.55E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.01E-04	2.00E-01	0.00E+00	2.18E-11	7.14E-10	1.09E-04	3.59E-07	2.73E-04	0.00E+00	2.00E-01	5.68E-10	2.00E-01	2.00E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-05
848112505	5.63E-05	9.32E-03	4.57E-10	9.31E-03	2.05E-11	0.00E+00	6.14E-03	3.51E-09	2.73E-05	3.01E-04	0.00E+00	0.00E+00	1.62E-13	3.19E-12	2.33E-05	0.00E+00	0.00E+00	0.00E+00	8.25E-07	3.41E-04	1.27E-01	0.00E+00	1.42E-11	4.78E-10	7.50E-05	2.38E-07	1.79E-04	0.00E+00	1.27E-01	3.68E-10	1.27E-01	1.28E-01	1.79E-04	0.00E+00	0.00E+00	0.00E+00	3.53E-05
848112506	5.37E-05	8.74E-03	4.57E-10	8.78E-03	2.05E-11	0.00E+00	5.52E-03	3.19E-09	2.45E-05	2.67E-04	0.00E+00	0.00E+00	1.79E-13	2.96E-12	2.38E-05	0.00E+00	0.00E+00	0.00E+00	8.65E-07	3.30E-04	1.28E-01	0.00E+00	1.43E-11	4.24E-10	6.78E-05	2.22E-07	1.73E-04	0.00E+00	1.28E-01	3.39E-10	1.28E-01	1.28E-01	1.73E-04	0.00E+00	0.00E+00	0.00E+00	3.32E-05
848112512	5.65E-05	9.35E-03	4.57E-10	9.34E-03	2.05E-11	0.00E+00	6.14E-03	3.52E-09	2.75E-05	3.03E-04	0.00E+00	0.00E+00	1.64E-13	3.19E-12	2.32E-05	0.00E+00	0.00E+00	0.00E+00	8.28E-07	3.42E-04	1.29E-01	0.00E+00	1.42E-11	4.79E-10	7.52E-05	2.38E-07	1.79E-04	0.00E+00	1.29E-01	3.68E-10	1.29E-01	1.30E-01	1.79E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05
848112517	1.05E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.16E-02	6.56E-09	4.73E-05	4.56E-04	0.00E+00	0.00E+00	3.07E-13	6.30E-12	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.45E-04	2.58E-01	0.00E+00	2.66E-11	8.33E-10	1.25E-04	4.52E-07	3.42E-04	0.00E+00	2.58E-01	6.84E-10	2.58E-01	2.58E-01	3.42E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
848202502	1.00E-04	1.65E-02	4.57E-10	1.65E-02	2.05E-11	0.00E+00	1.10E-02	6.22E-09	4.63E-05	4.48E-04	0.00E+00	0.00E+00	2.90E-13	5.99E-12	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	5.89E-04	2.32E-01	0.00E+00	2.54E-11	8.14E-10	1.25E-04	4.15E-07	3.13E-04	0.00E+00	2.32E-01	6.53E-10	2.32E-01	2.32E-01	3.13E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-05
848202503	5.40E-05	8.71E-03	4.57E-10	8.75E-03	2.05E-11	0.00E+00	5.49E-03	3.18E-09	2.25E-05	2.64E-04	0.00E+00	0.00E+00	1.93E-13	3.49E-12	2.61E-05	0.00E+00	0.00E+00	0.00E+00	8.63E-07	3.40E-04	1.27E-01	0.00E+00	1.67E-11	3.97E-10	6.16E-05	2.21E-07	1.69E-04	0.00E+00	1.27E-01	3.38E-10	1.27E-01	1.27E-01	1.69E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-05
848202506	9.33E-05	1.49E-02	4.57E-10	1.49E-02	2.05E-11	0.00E+00	9.72E-03	5.63E-09	4.22E-05	4.05E-04	0.00E+00	0.00E+00	2.62E-13	5.08E-12	3.63E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-06	5.25E-04	2.07E-01	0.00E+00	2.27E-11	7.36E-10	1.13E-04	3.73E-07	2.81E-04	0.00E+00	2.07E-01	5.87E-10	2.07E-01	2.07E-01	2.81E-04	0.00E+00	0.00E+00	0.00E+00	5.66E-05
848212502	8.98E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.29E-03	5.45E-09	4.10E-05	3.98E-04	0.00E+00	0.00E+00	2.53E-13	4.80E-12	3.55E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.01E-04	2.00E-01	0.00E+00	2.18E-11	7.14E-10	1.09E-04	3.59E-07	2.73E-04	0.00E+00	2.00E-01	5.68E-10	2.00E-01	2.00E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-05
848212503	8.98E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.29E-03	5.45E-09	4.10E-05	3.98E-04	0.00E+00	0.00E+00	2.53E-13	4.80E-12	3.55E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.01E-04	2.00E-01	0.00E+00	2.18E-11	7.14E-10	1.09E-04	3.59E-07	2.73E-04	0.00E+00	2.00E-01	5.68E-10	2.00E-01	2.00E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-05
848212504	8.98E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.29E-03	5.45E-09	4.10E-05	3.98E-04	0.00E+00	0.00E+00	2.53E-13	4.80E-12	3.55E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.01E-04	2.00E-01	0.00E+00	2.18E-11	7.14E-10	1.09E-04	3.59E-07	2.73E-04	0.00E+00	2.00E-01	5.68E-10	2.00E-01	2.00E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-05
848212512	6.21E-05	1.01E-02	4.57E-10	1.00E-02	2.05E-11	0.00E+00	6.44E-03	3.73E-09	2.92E-05	3.24E-04	0.00E+00	0.00E+00	1.75E-13	3.38E-12	2.40E-05	0.00E+00	0.00E+00	0.00E+00	8.75E-07	3.59E-04	1.42E-01	0.00E+00	1.48E-11	5.05E-10	8.16E-05	2.52E-07	1.89E-04	0.00E+00	1.42E-01	4.04E-10	1.42E-01	1.41E-01	1.89E-04	0.00E+00	0.00E+00	0.00E+00	3.82E-05
848212513	1.04E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.16E-02	6.53E-09	4.72E-05	4.53E-04	0.00E+00	0.00E+00	3.06E-13	6.30E-12	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.45E-04	2.58E-01	0.00E+00	2.66E-11	8.34E-10	1.24E-04	4.52E-07	3.42E-04	0.00E+00	2.58E-01	6.85E-10	2.58E-01	2.58E-01	3.42E-04	0.00E+00	0.00E+00	0.00E+00	6.67E-05
848212514	1.02E-04	1.71E-02	4.57E-10	1.70E-02	2.05E-11	0.00E+00	1.14E-02	6.43E-09	4.62E-05	4.55E-04	0.00E+00	0.00E+00	3.00E-13	6.25E-12	4.17E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.07E-04	2.50E-01	0.00E+00	2.64E-11	8.18E-10	1.26E-04	4.29E-07	3.25E-04	0.00E+00	2.50E-01	6.69E-10	2.50E-01	2.50E-01	3.25E-04	0.00E+00	0.00E+00	0.00E+00	6.43E-05
848302502	1.05E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.16E-02	6.55E-09	4.73E-05	4.56E-04	0.00E+00	0.00E+00	3.07E-13	6.30E-12	4.25E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.45E-04	2.58E-01	0.00E+00	2.66E-11	8.33E-10	1.25E-04	4.52E-07	3.42E-04	0.00E+00	2.58E-01	6.85E-10	2.58E-01	2.59E-01	3.42E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
848302503	9.57E-05	1.54E-02	4.57E-10	1.55E-02	2.05E-11	0.00E+00	1.02E-02	5.83E-09	4.49E-05	4.18E-04	0.00E+00	0.00E+00	2.71E-13	5.27E-12	3.79E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.46E-04	2.16E-01	0.00E+00	2.36E-11	7.81E-10	1.17E-04	3.86E-07	2.91E-04	0.00E+00	2.16E-01	6.08E-10	2.16E-01	2.16E-01	2.91E-04	0.00E+00	0.00E+00	0.00E+00	5.89E-05
848312512	5.38E-05	8.74E-03	4.57E-10	8.78E-03	2.05E-11	0.00E+00	5.54E-03	3.19E-09	2.47E-05	2.67E-04	0.00E+00	0.00E+00	1.80E-13	2.97E-12	2.38E-05	0.00E+00	0.00E+00	0.00E+00	8.66E-07	3.30E-04	1.28E-01	0.00E+00	1.43E-11	4.24E-10	6.79E-05	2.22E-07	1.73E-04	0.00E+00	1.28E-01	3.39E-10	1.28E-01	1.28E-01	1.73E-04	0.00E+00	0.00E+00	0.00E+00	3.32E-05
848312514	9.26E-05	1.47E-02	4.57E-10	1.47E-02	2.05E-11	0.00E+00	9.64E-03	5.53E-09	4.13E-05	4.01E-04	0.00E+00	0.00E+00	2.60E-13	5.02E-12	3.67E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.19E-04	2.04E-01	0.00E+00	2.25E-11	7.21E-10	1.12E-04	3.67E-07	2.77E-04	0.00E+00	2.04E-01	5.78E-10	2.04E-01	2.04E-01	2.77E-04	0.00E+00	0.00E+00	0.00E+00	5.59E-05
848502506	9.35E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.29E-03	5.45E-09	4.28E-05	4.73E-04	0.00E+00	0.00E+00	2.49E-13	4.80E-12	3.48E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	5.01E-04	2.00E-01	0.00E+00	2.18E-11	7.47E-10	1.18E-04	3.59E-07	2.73E-04	0.00E+00	2.00E-01	5.68E-10	2.00E-01	2.00E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-05
848512506	9.35E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.29E-03	5.45E-09	4.28E-05	4.73E-04	0.00E+00	0.00E+00	2.53E-13	4.80E-12	3.55E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.01E-04	2.00E-01	0.00E+00	2.18E-11	7.47E-10	1.18E-04	3.59E-07	2.73E-04	0.00E+00	2.00E-01	5.68E-10	2.00E-01	2.00E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-05
848512512	5.38E-05	8.74E-03	4.57E-10	8.78E-03	2.05E-11	0.00E+00	5.54E-03	3.20E-09	2.47E-05	2.68E-04	0.00E+00	0.00E+00	1.80E-13	2.97E-12	2.38E-05	0.00E+00	0.00E+00	0.00E+00	8.66E-07	3.30E-04	1.28E-01	0.00E+00	1.43E-11	4.24E-10	6.79E-05	2.22E-07	1.73E-04	0.00E+00	1.28E-01	3.39E-10	1.28E-01	1.28E-01	1.73E-04	0.00E+00	0.00E+00	0.00E+00	3.32E-05
848512513	1.09E-04	1.73E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.17E-02	6.53E-09	4.96E-05	5.53E-04	0.00E+00	0.00E+00	3.06E-13	6.31E-12	4.24E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.50E-04	2.59E-01	0.00E+00	2.66E-11	8.76E-10	1.36E-04	4.50E-07	3.41E-04	0.00E+00	2.59E-01	6.85E-10	2.59E-01	2.58E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.67E-05
848512514	1.01E-04	1.56E-02	4.57E-10	1.56E-02	2.05E-11	0.00E+00	1.04E-02	5.95E-09	4.72E-05	5.20E-04	0.00E+00	0.00E+00	2.79E-13	5.42E-12	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-06	5.59E-04	2.17E-01	0.00E+00	2.43E-11	8.21E-10	1.29E-04	3.91E-07	2.98E-04	0.00E+00	2.17E-01	6.19E-10	2.17E-01	2.17E-01	2.98E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-05
848602502	5.54E-05	8.72E-03	4.57E-10	8.77E-03	2.05E-11	0.00E+00	5.55E-03	3.19E-09	2.51E-05	2.78E-04	0.00E+00	0.00E+00	1.56E-13	2.95E-12	2.18E-05	0.00E+00	0.00E+00	0.00E+00	7.78E-07	3.25E-04	1.22E-01	0.00E+00	1.34E-11	4.36E-10	6.96E-05	2.21E-07	1.67E-04	0.00E+00	1.22E-01	3.39E-10	1.22E-01	1.22E-01	1.67E-04	0.00E+00	0.00E+00	0.00E+00	3.31E-05
848602503	8.98E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.30E-03	5.43E-09	4.10E-05	3.99E-04	0.00E+00	0.00E+00	2.49E-13	4.80E-12	3.48E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	5.01E-04	2.00E-01	0.00E+00	2.18E-11	7.15E-10	1.09E-04	3.59E-07	2.73E-04	0.00E+00	2.00E-01	5.68E-10	2.00E-01	2.00E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05
848602504	8.98E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.30E-03	5.43E-09	4.10E-05	3.99E-04	0.00E+00	0.00E+00	2.49E-13	4.80E-12	3.48E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	5.01E-04	2.00E-01	0.00E+00	2.18E-11	7.15E-10	1.09E-04	3.59E-07	2.73E-04	0.00E+00	2.00E-01	5.68E-10	2.00E-01	2.00E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05
848602507	8.98E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.30E-03	5.43E-09	4.10E-05	3.99E-04	0.00E+00	0.00E+00	2.49E-13	4.80E-12	3.48E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	5.01E-04	2.00E-01	0.00E+00	2.18E-11	7.15E-10	1.09E-04	3.59E-07	2.73E-04	0.00E+00	2.00E-01	5.68E-10	2.00E-01	2.00E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05
848602512	9.26E-05	1.47E-02	4.57E-10	1.47E-02	2.05E-11	0.00E+00	9.64E-03	5.51E-09	4.14E-05	4.01E-04	0.00E+00	0.00E+00	2.60E-13	5.02E-12	3.59E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.20E-04	2.04E-01	0.00E+00	2.25E-11	7.21E-10	1.12E-04	3.68E-07	2.77E-04	0.00E+00	2.04E-01	5.79E-10	2.04E-01	2.04E-01	2.77E-04	0.00E+00	0.00E+00	0.00E+00	5.60E-05
848612517	1.05E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.22E-02	6.94E-09	4.90E-05	4.57E-04	0.00E+00	0.00E+00	3.23E-13	6.65E-12	4.49E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.51E-04	2.60E-01	0.00E+00	2.83E-11	8.61E-10	1.29E-04	4.60E-07	3.56E-04	0.00E+00	2.60E-01	7.17E-10	2.60E-01	2.61E-01	3.56E-04	0.00E+00	0.00E+00	0.00E+00	6.83E-05
848702502	3.17E-05	8.32E-03	4.57E-10	8.34E-03	2.05E-11	0.00E+00	5.51E-03	3.18E-09	1.42E-05	1.30E-04	0.00E+00	0.00E+00	1.05E-12	1.88E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-06	5.75E-04	1.23E-01	0.00E+00	6.24E-11	3.03E-10	3.72E-05	2.21E-07	3.25E-04	0.00E+00	1.23E-01	3.39E-10	1.23E-01	1.23E-01	3.25E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
848702503	4.64E-05	8.13E-03	4.57E-10	8.12E-03	2.05E-11	0.00E+00	5.34E-03	3.05E-09	2.28E-05	2.52E-04	0.00E+00	0.00E+00	1.46E-13	3.01E-12	2.29E-05	0.00E+00	0.00E+00	0.00E+00	7.13E-07	3.15E-04	1.12E-01	0.00E+00	1.23E-11	3.89E-10	6.39E-05	2.10E-07	1.74E-04	0.00E+00	1.12E-01	3.23E-10	1.12E-01	1.12E-01	1.74E-04	0.00E+00	0.00E+00	0.00E+00	3.07E-05

848702504	4.59E-05	8.17E-03	4.57E-10	8.17E-03	2.05E-11	0.00E+00	5.38E-03	3.08E-09	2.20E-05	2.47E-04	0.00E+00	0.00E+00	2.75E-13	4.42E-12	2.66E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-06	3.26E-04	1.14E-01	0.00E+00	1.58E-11	3.85E-10	6.03E-05	2.13E-07	1.95E-04	0.00E+00	1.14E-01	3.29E-10	1.14E-01	1.14E-01	1.95E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-05
848712502	9.43E-05	1.52E-02	4.57E-10	1.52E-02	2.05E-11	0.00E+00	1.00E-02	5.79E-09	4.48E-05	4.13E-04	0.00E+00	0.00E+00	2.68E-13	5.25E-12	3.72E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.37E-04	2.12E-01	0.00E+00	2.33E-11	7.78E-10	1.16E-04	3.82E-07	2.87E-04	0.00E+00	2.12E-01	6.06E-10	2.12E-01	2.12E-01	2.87E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-05
848712503	5.47E-05	8.73E-03	4.57E-10	8.77E-03	2.05E-11	0.00E+00	5.54E-03	3.19E-09	2.47E-05	2.66E-04	0.00E+00	0.00E+00	1.74E-13	2.95E-12	2.29E-05	0.00E+00	0.00E+00	0.00E+00	8.04E-07	3.26E-04	1.22E-01	0.00E+00	1.42E-11	4.27E-10	6.90E-05	2.22E-07	1.71E-04	0.00E+00	1.22E-01	3.40E-10	1.22E-01	1.22E-01	1.71E-04	0.00E+00	0.00E+00	0.00E+00	3.31E-05
848712504	8.98E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.30E-03	5.43E-09	4.10E-05	3.99E-04	0.00E+00	0.00E+00	2.49E-13	4.80E-12	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	5.01E-04	2.00E-01	0.00E+00	2.18E-11	7.15E-10	1.09E-04	3.59E-07	2.73E-04	0.00E+00	2.00E-01	5.69E-10	2.00E-01	2.00E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05
848712505	8.98E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.30E-03	5.43E-09	4.10E-05	3.99E-04	0.00E+00	0.00E+00	2.49E-13	4.80E-12	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	5.01E-04	2.00E-01	0.00E+00	2.18E-11	7.15E-10	1.09E-04	3.59E-07	2.73E-04	0.00E+00	2.00E-01	5.69E-10	2.00E-01	2.00E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05
848712512	1.06E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.77E-09	4.91E-05	4.54E-04	0.00E+00	0.00E+00	3.19E-13	6.53E-12	4.42E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.50E-04	2.59E-01	0.00E+00	2.77E-11	8.56E-10	1.28E-04	4.58E-07	3.51E-04	0.00E+00	2.59E-01	7.08E-10	2.59E-01	2.59E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-05
848712513	9.26E-05	1.47E-02	4.57E-10	1.47E-02	2.05E-11	0.00E+00	9.64E-03	5.51E-09	4.14E-05	4.01E-04	0.00E+00	0.00E+00	2.60E-13	5.02E-12	3.59E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.20E-04	2.04E-01	0.00E+00	2.25E-11	7.21E-10	1.12E-04	3.68E-07	2.77E-04	0.00E+00	2.04E-01	5.79E-10	2.04E-01	2.04E-01	2.77E-04	0.00E+00	0.00E+00	0.00E+00	5.60E-05
848712514	3.03E-05	8.34E-03	4.57E-10	8.34E-03	2.05E-11	0.00E+00	5.55E-03	3.20E-09	1.34E-05	1.26E-04	0.00E+00	0.00E+00	1.05E-12	1.90E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-06	5.76E-04	1.24E-01	0.00E+00	6.24E-11	2.87E-10	3.45E-05	2.21E-07	3.28E-04	0.00E+00	1.24E-01	3.40E-10	1.24E-01	1.23E-01	3.28E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
848812502	8.98E-05	1.44E-02	4.57E-10	1.44E-02	2.05E-11	0.00E+00	9.30E-03	5.43E-09	4.10E-05	3.99E-04	0.00E+00	0.00E+00	2.49E-13	4.80E-12	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	5.01E-04	2.00E-01	0.00E+00	2.18E-11	7.15E-10	1.09E-04	3.59E-07	2.73E-04	0.00E+00	2.00E-01	5.69E-10	2.00E-01	2.00E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05
8618505	3.93E-05	6.26E-03	4.57E-10	6.26E-03	2.05E-11	0.00E+00	4.28E-03	2.59E-09	1.83E-05	2.02E-04	0.00E+00	0.00E+00	1.18E-13	2.19E-12	1.59E-05	0.00E+00	0.00E+00	0.00E+00	5.70E-07	2.60E-04	8.66E-02	0.00E+00	9.90E-12	3.15E-10	5.07E-05	1.63E-07	1.30E-04	0.00E+00	8.66E-02	2.90E-10	8.66E-02	8.58E-02	1.30E-04	0.00E+00	0.00E+00	0.00E+00	2.46E-05
861852501	3.84E-05	6.09E-03	4.57E-10	6.08E-03	2.05E-11	0.00E+00	3.95E-03	2.26E-09	1.82E-05	1.97E-04	0.00E+00	0.00E+00	1.11E-13	2.04E-12	1.48E-05	0.00E+00	0.00E+00	0.00E+00	5.32E-07	2.13E-04	8.47E-02	0.00E+00	9.24E-12	3.13E-10	4.95E-05	1.50E-07	1.13E-04	0.00E+00	8.47E-02	2.37E-10	8.47E-02	8.47E-02	1.13E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05
861852502	3.90E-05	6.26E-03	4.57E-10	6.26E-03	2.05E-11	0.00E+00	4.18E-03	2.39E-09	1.84E-05	1.98E-04	0.00E+00	0.00E+00	1.16E-13	2.15E-12	1.50E-05	0.00E+00	0.00E+00	0.00E+00	5.59E-07	2.23E-04	8.65E-02	0.00E+00	9.64E-12	3.16E-10	5.08E-05	1.57E-07	1.19E-04	0.00E+00	8.65E-02	2.50E-10	8.65E-02	8.58E-02	1.19E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05
861852505	3.88E-05	6.23E-03	4.57E-10	6.23E-03	2.05E-11	0.00E+00	4.15E-03	2.29E-09	1.85E-05	1.96E-04	0.00E+00	0.00E+00	1.16E-13	2.14E-12	1.49E-05	0.00E+00	0.00E+00	0.00E+00	5.58E-07	2.23E-04	8.65E-02	0.00E+00	9.61E-12	3.15E-10	5.06E-05	1.57E-07	1.18E-04	0.00E+00	8.65E-02	2.49E-10	8.65E-02	8.58E-02	1.18E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-05
8619505	5.44E-05	8.62E-03	4.57E-10	8.62E-03	2.05E-11	0.00E+00	5.53E-03	3.20E-09	2.23E-05	2.72E-04	0.00E+00	0.00E+00	1.98E-13	3.73E-12	2.77E-05	0.00E+00	0.00E+00	0.00E+00	9.96E-07	3.32E-04	1.27E-01	0.00E+00	1.67E-11	3.92E-10	6.01E-05	2.20E-07	1.75E-04	0.00E+00	1.27E-01	3.37E-10	1.27E-01	1.27E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.60E-05
861952502	3.75E-05	6.19E-03	4.57E-10	6.20E-03	2.05E-11	0.00E+00	4.01E-03	2.29E-09	1.83E-05	1.97E-04	0.00E+00	0.00E+00	1.27E-13	2.62E-12	2.47E-05	0.00E+00	0.00E+00	0.00E+00	7.54E-07	2.18E-04	8.66E-02	0.00E+00	9.35E-12	3.13E-10	4.94E-05	1.54E-07	1.19E-04	0.00E+00	8.66E-02	2.43E-10	8.66E-02	8.61E-02	1.19E-04	0.00E+00	0.00E+00	0.00E+00	2.44E-05
861952505	3.73E-05	6.25E-03	4.57E-10	6.26E-03	2.05E-11	0.00E+00	4.13E-03	2.29E-09	1.84E-05	1.97E-04	0.00E+00	0.00E+00	1.25E-13	2.40E-12	2.21E-05	0.00E+00	0.00E+00	0.00E+00	7.39E-07	2.21E-04	8.66E-02	0.00E+00	9.63E-12	3.12E-10	4.97E-05	1.57E-07	1.21E-04	0.00E+00	8.66E-02	2.49E-10	8.66E-02	8.58E-02	1.21E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05
861952506	3.73E-05	6.25E-03	4.57E-10	6.26E-03	2.05E-11	0.00E+00	4.13E-03	2.29E-09	1.82E-05	1.97E-04	0.00E+00	0.00E+00	1.25E-13	2.40E-12	2.21E-05	0.00E+00	0.00E+00	0.00E+00	7.39E-07	2.21E-04	8.66E-02	0.00E+00	9.63E-12	3.12E-10	4.97E-05	1.57E-07	1.21E-04	0.00E+00	8.66E-02	2.49E-10	8.66E-02	8.58E-02	1.21E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05
8624900	3.64E-05	5.39E-03	4.57E-10	5.38E-03	2.05E-11	0.00E+00	3.54E-03	2.24E-09	1.66E-05	1.82E-04	0.00E+00	0.00E+00	9.40E-14	2.00E-12	1.33E-05	0.00E+00	0.00E+00	0.00E+00	5.18E-07	2.10E-04	7.58E-02	0.00E+00	8.09E-12	2.83E-10	4.31E-05	1.37E-07	1.02E-04	0.00E+00	7.58E-02	2.13E-10	7.58E-02	7.50E-02	1.02E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05
8624905	4.66E-05	8.00E-03	4.57E-10	8.02E-03	2.05E-11	0.00E+00	5.32E-03	3.05E-09	2.23E-05	2.49E-04	0.00E+00	0.00E+00	1.46E-13	3.00E-12	2.11E-05	0.00E+00	0.00E+00	0.00E+00	7.39E-07	3.15E-04	1.11E-01	0.00E+00	1.22E-11	3.80E-10	6.29E-05	2.08E-07	1.71E-04	0.00E+00	1.11E-01	3.17E-10	1.11E-01	1.11E-01	1.71E-04	0.00E+00	0.00E+00	0.00E+00	3.05E-05
862492502	4.62E-05	7.97E-03	4.57E-10	7.98E-03	2.05E-11	0.00E+00	5.31E-03	3.01E-09	2.23E-05	2.50E-04	0.00E+00	0.00E+00	1.39E-13	2.72E-12	2.01E-05	0.00E+00	0.00E+00	0.00E+00	7.06E-07	3.16E-04	1.10E-01	0.00E+00	1.22E-11	3.80E-10	6.33E-05	2.08E-07	1.69E-04	0.00E+00	1.10E-01	3.14E-10	1.10E-01	1.10E-01	1.69E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-05
862492505	4.67E-05	8.03E-03	4.57E-10	8.05E-03	2.05E-11	0.00E+00	5.36E-03	3.07E-09	2.20E-05	2.44E-04	0.00E+00	0.00E+00	2.75E-13	3.31E-12	2.39E-05	0.00E+00	0.00E+00	0.00E+00	7.75E-07	3.19E-04	1.13E-01	0.00E+00	1.40E-11	3.81E-10	6.29E-05	2.10E-07	1.78E-04	0.00E+00	1.13E-01	3.21E-10	1.13E-01	1.13E-01	1.78E-04	0.00E+00	0.00E+00	0.00E+00	3.07E-05
862572502	4.12E-05	6.73E-03	4.57E-10	6.73E-03	2.05E-11	0.00E+00	4.50E-03	2.62E-09	2.01E-05	2.12E-04	0.00E+00	0.00E+00	1.28E-13	2.63E-12	2.39E-05	0.00E+00	0.00E+00	0.00E+00	6.43E-07	2.81E-04	9.73E-02	0.00E+00	1.06E-11	3.39E-10	5.41E-05	1.82E-07	1.56E-04	0.00E+00	9.73E-02	2.71E-10	9.73E-02	9.74E-02	1.56E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05
862572505	4.12E-05	6.73E-03	4.57E-10	6.74E-03	2.05E-11	0.00E+00	4.50E-03	2.62E-09	2.00E-05	2.11E-04	0.00E+00	0.00E+00	1.28E-13	2.63E-12	2.39E-05	0.00E+00	0.00E+00	0.00E+00	6.43E-07	2.81E-04	9.75E-02	0.00E+00	1.06E-11	3.37E-10	5.40E-05	1.82E-07	1.57E-04	0.00E+00	9.75E-02	2.71E-10	9.75E-02	9.74E-02	1.57E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05
8625900	3.65E-05	5.35E-03	4.57E-10	5.34E-03	2.05E-11	0.00E+00	3.53E-03	1.91E-09	1.66E-05	2.16E-04	0.00E+00	0.00E+00	9.10E-14	2.00E-12	1.28E-05	0.00E+00	0.00E+00	0.00E+00	5.19E-07	2.11E-04	7.37E-02	0.00E+00	8.10E-12	2.82E-10	4.20E-05	1.36E-07	9.86E-05	0.00E+00	7.37E-02	2.04E-10	7.37E-02	7.40E-02	9.86E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-05
862622502	5.70E-05	9.31E-03	4.57E-10	9.29E-03	2.05E-11	0.00E+00	6.15E-03	3.52E-09	3.14E-05	3.05E-04	0.00E+00	0.00E+00	1.63E-13	3.17E-12	2.38E-05	0.00E+00	0.00E+00	0.00E+00	8.50E-07	3.33E-04	1.29E-01	0.00E+00	1.41E-11	4.74E-10	8.69E-05	2.38E-07	1.79E-04	0.00E+00	1.29E-01	3.66E-10	1.29E-01	1.28E-01	1.79E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-05
862622505	5.87E-05	9.26E-03	0.00E+00	9.26E-03	0.00E+00	0.00E+00	6.07E-03	3.48E-09	2.75E-05	3.02E-04	0.00E+00	0.00E+00	1.63E-13	3.15E-12	2.26E-05	0.00E+00	0.00E+00	0.00E+00	8.20E-07	3.25E-04	1.29E-01	0.00E+00	1.42E-11	4.77E-10	7.62E-05	2.32E-07	1.73E-04	0.00E+00	1.29E-01	3.65E-10	1.29E-01	1.30E-01	1.73E-04	0.00E+00	0.00E+00	0.00E+00	3.52E-05
862622506	5.69E-05	9.31E-03	4.57E-10	9.29E-03	2.05E-11	0.00E+00	6.13E-03	3.50E-09	3.14E-05	3.05E-04	0.00E+00	0.00E+00	1.63E-13	3.16E-12	2.28E-05	0.00E+00	0.00E+00	0.00E+00	8.50E-07	3.33E-04	1.29E-01	0.00E+00	1.40E-11	4.72E-10	8.64E-05	2.38E-07	1.78E-04	0.00E+00	1.29E-01	3.64E-10	1.29E-01	1.28E-01	1.78E-04	0.00E+00	0.00E+00	0.00E+00	3.61E-05
8627205	3.62E-05	6.18E-03	4.57E-10	6.18E-03	2.05E-11	0.00E+00	3.96E-03	2.27E-09	1.80E-05	1.91E-04	0.00E+00	0.00E+00	1.31E-13	2.61E-12	2.56E-05	0.00E+00	0.00E+00	0.00E+00	7.51E-07	2.15E-04	8.56E-02	0.00E+00	9.30E-12	3.09E-10	4.77E-05	1.57E-07	1.19E-04	0.00E+00	8.56E-02	2.40E-10	8.56E-02	8.53E-02	1.19E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-05
863012502	5.40E-05	8.74E-03	4.57E-10	8.78E-03	2.05E-11	0.00E+00	4.77E-02	3.19E-09	2.48E-05	2.66E-04	0.00E+00	7.41E-06	1.79E-13	2.96E-12	1.26E-04	1.49E-05	0.00E+00	0.00E+00	8.65E-07	3.34E-04	1.28E-01	0.00E+00	2.82E-11	4.24E-10	6.51E-05	2.40E-07	1.85E-04	0.00E+00	1.28E-01	7.56E-10	1.28E-01	1.28E-01	1.85E-04	0.00E+00	0.00E+00	0.00E+00	5.00E-05
863012505	9.63E-05	1.47E-02	4.57E-10	1.47E-02	2.05E-11	0.00E+00	5.12E-02	5.53E-09	4.32E-05	4.83E-04	0.00E+00	7.41E-06	2.60E-13	5.02E-12	1.35E-04	1.49E-05	0.00E+00	0.00E+00	1.33E-06	5.27E-04	2.04E-01	0.00E+00	3.41E-11	7.54E-10	1.21E-04	3.79E-07	2.85E-04	0.00E+00	2.04E-01	9.63E-10	2.04E-01	2.04E-01	2.85E-04	0.00E+00	0.00E+00	0.00E+00	7.48E-05
863012512	1.17E-04	1.91E-02	4.57E-10	1.91E-02	2.05E-11	0.00E+00	5.39E-02	7.32E-09	5.38E-05	5.79E-04	0.00E+00	7.41E-06	3.35E-13	6.89E-12	1.42E-04	1.49E-05	0.00E+00	0.00E+00	1.76E-06	6.92E-04	2.69E-01	0.00E+00	3.97E-11	9.47E-10	1.49E-04	4.87E-07	3.70E-04	0.00E+00	2.69E-01	1.11E-09	2.69E-01	2.68E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	9.08E-05
863012513	3.02E-05	8.35E-03	4.57E-10	8.34E-03	2.05E-11	0.00E+00	4.77E-02	3.20E-09	1.30E-05	1.30E-04	0.00E+00	7.41E-06	1.06E-12	1.90E-11	2.42E-04	1.49E-05	0.00E+00	0.00E+00	4.37E-06	5.63E-04	1.30E-01	0.00E+00	6.80E-11	2.83E-10	3.17E-05	2.39E-07	3.32E-04	0.00E+00	1.30E-01	7.55E-10	1.30E-01	1.29E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-04
863012514	1.14E-04	1.79E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	5.35E-02	6.78E-09	5.15E-05	5.53E-04	0.00E+00	7.41E-06	3.20E-13	6.54E-12	1.41E-04	1.49E-05	0.00E+00	0.00E+00	1.68E-06	6.50E-04	2.60E-01	0.00E+00	3.85E-11	9.07E-10	1.43E-04	4.58E-07	3.53E-04	0.00E+00	2.60E-01	1.07E-09	2.60E-01	2.59E-01	3.53E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-05
863012515	1.03E-04	1.60E-02	4.57E-10	1.60E-02	2.05E-11	0.00E+00	5.20E-02	6.02E-09	4.75E-05	5.27E-04	0.00E+00	7.41E-06	2.84E-13	5.44E-12	1.38E-04	1.49E-05	0.00E+00	0.00E+00	1.42E-06	5.64E-04	2.23E-01	0.00E+00	3.60E-11	8.32E-10	1.31E-04	4.07E-07	3.02E-04	0.00E+00	2.23E-01	1.00E-09	2.23E-01	2.23E-01	3.02E-04	0.00E+00	0.00E+00	0.00E+00	7.92E-05
863012517	5.40E-05	8.74E-03	4.57E-10	8.77E-03	2.05E-11	0.00E+00	4.77E-02	3.20E-09	2.47E-05	2.66E-04	0.00E+00	7.41E-06	1.80E-13	2.97E-12	1.25E-04	1.49E-05	0.00E+00	0.00E+00	8.64E-07	3.34E-04	1.28E-01	0.00E+00	2.82E-11	4.24E-10	6.51E-05	2.41E-07	1.86E-04	0.00E+00	1.28E-01	7.55E-10	1.28E-01	1.28E-01	1.86E-04	0.00E+00	0.00E+00	0.00E+00	5.00E-05
863512502	9.63E-05	1.47E-02	4.57E-10	1.47E-02	2.05E-11	0.00E+00	5.12E-02	5.53E-09	4.32E-05	4.83E-04	0.00E+00	7.41E-06	2.60E-13	5.02E-12	1.35E-04	1.49E-05	0.00E+00	0.00E+00	1.33E-06	5.27E-04	2.04E-01	0.00E+00	3.41E-11	7.54E-10	1.21E-04	3.79E-07	2.85E-04	0.00E+00	2.04E-01	9.63E-10	2.04E-01	2.04E-01	2.85E-04	0.00E+00	0.00E+00	0.00E+00	7.48E-05
863512503	9.63E-05	1.47E-02	4.57E-10	1.47E-02	2.05E-11	0.00E+00	5.12E-02	5.53E-09	4.32E-05	4.83E-04	0.00E+00	7.41E-06	2.60E-13	5.02E-12	1.35E-04	1.49E-05	0.00E+00	0.00E+00	1.33E-06	5.27E-04	2.04E-01	0.00E+00	3.41E-11	7.54E-10	1.21E-04	3.79E-07	2.85E-04	0.00E+00	2.04E-01	9.63E-10	2.04E-01	2.04E-01	2.85E-04	0.00E+00	0.00E+00	0.00E+00	7.48E-05
863512504	3.02E-05	8.35E-03	4.57E-10	8.36E-03	2.05E-11	0.00E+00	4.77E-02	3.19E-09	1.31E-05	1.27E-04	0.00E+00	7.41E-06	1.06E-12	1.90E-11	2.44E-04	1.49E-05	0.00E+00	0.00E+00	4.37E-06	5.79E-04	1.30E-01	0.00E+00	6.80E-11	2.83E-10	3.18E-05	2.40E-07	3.34E-04	0.00E+00	1.30E-01	7.55E-10	1.30E-01	1.29E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-04
9418505	4.90E-05	7.73E-03	0.00E+00	7.73E-03	0.00E+00	0.00E+00	5.07E-03	2.90E-09	2.30E-05	2.52E-04	0.00E+00	0.00E+00	1.36E-13	2.63E-12	1.88E-05	0.00E+00	0.00E+00	0.00E+00	6.84E-07	2.72E-04	1.08E-01	0.00E+00	1.19E-11	3.98E-10	6.36E-05	1.93E-07	1.44E-04	0.00E+00	1.08E-01	3.05E-10	1.08E-01	1.08E-01	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.94E-05
9418525	4.79E-05	8.15E-03	4.57E-10	8.13E-03	2.05E-11	0.00E+00	5.34E-03	3.05E-09	2.23E-05	2.60E-04	0.00E+00	0.00E+00	2.76E-13	4.13E-12	2.50E-05	0.00E+00	0.00E+00	0.00E+00	9.01E-07	2.94E-04	1.14E-01	0.00E+00	1.67E-11	3.97E-10	6.37E-05	2.03E-07	1.74E-04	0.00E+00	1.14E-01	3.22E-10	1.14E-01	1.14E-01	1.74E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-05
941852501	4.79E-05	8.03E-03	4.57E-10	8.03E-03	2.05E-11	0.00E+00	5.34E-03	3.05E-09	2.22E-05	2.52E-04	0.00E+00	0.00E+00	2.76E-13	4.13E-12	2.50E-05	0.00E+00	0.00E+00	0.00E+00	9.01E-07	2.94E-04	1.14E-01	0.00E+00	1.67E-11	3.91E-10	6.31E-05	2.03E-07	1.74E-04	0.00E+00	1.14E-01	3.22E-10	1.14E-01	1.14E-01	1.74E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-05
941852502	5.25E-05	8.28E-03	0.00E+00	8.28E-03	0.00E+00	0.00E+00	5.43E-03	3.11E-09	2.46E-05	2.70E-04	0.00E+00	0.00E+00	1.46E-13	2.82E-12	2.02E-05	0.00E+00	0.00E+00	0.00E+00	7.33E-07	2.91E-04	1.16E-01	0.00E+00	1.27E-11	4.27E-10	6.81E-05	2.07E-07	1.54E-04	0.00E+00	1.16E-01	3.26E-10	1.16E-01	1.16E-01	1.54E-04	0.00E+00	0.00E+00	0.00E+00	3.15E-05
941852505	5.14E-05	8.10E-03	0.00E+00	8.10E-03	0.00E+00	0.00E+00	5.31E-03	3.04E-09	2.41E-05	2.64E-04	0.00E+00	0.00E+00	1.43E-13	2.76E-12	1.98E-05	0.00E+00	0.00E+00	0.00E+00	7.17E-07	2.85E-04	1.13E-01	0.00E+00	1.24E-11	4.18E-10	6.66E-05	2.03E-07	1.51E-04	0.00E+00	1.13E-01	3.19E-10	1.13E-01	1.13E-01	1.51E-04	0.00E+00	0.00E+00	0.00E+00	3.08E-05
941852506	4.70E-05	8.00E-03	4.57E-10	8.00E-03	2.05E-11	0.00E+00	5.30E-03	3.03E-09	2.26E-05	2.46E-04	0.00E+00	0.00E+00	2.74E-13	3.57E-12	2.48E-05	0.00E+00	0.00E+00	0.00E+00	7.76E-07	2.86E-04	1.13E-01	0.00E+00	1.49E-11	3.95E-10	6.34E-05	2.02E-07	1.60E-04	0.00E+00	1.13E-01	3.20E-10	1.13E-01	1.13E-01	1.60E-04	0.00E+00	0.00E+00	0.00E+00	3.07E-05
9419505	5.58E-05	8.80E-03	0.00E+00	8.80E-03	0.00E+00	0.00E+00	5.77E-03	3.31E-09	2.62E-05	2.87E-04	0.00E+00	0.00E+00	1.55E-13	3.00E-12	2.15E-05	0.00E+00	0.00E+00	0.00E+00	7.79E-07	3.09E-04	1.23E-01	0.00E+00	1.35E-11	4.54E-10	7.24E-05	2.20E-07	1.64E-04	0.00E+00	1.23E-01	3.47E-10	1.23E-01	1.23E-01	1.64E-04	0.00E+00	0.00E+00	0.00E+00	3.35E-05
941952501	4.41E-05	8.15E-03	4.57E-10	8.13E-03	2.05E-11	0.00E+00	5.36E-03	3.09E-09	2.11E-05	2.35E-04	0.00E+00	0.00E+00	2.94E-13	4.68E-12	3.36E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-06	2.97E-04	1.14E-01	0.00E+00	1.67E-11	3.65E-10	5.59E-05	2.06E-07	1.79E-04	0.00E+00	1.14E-01	3.28E-10	1.14E-01	1.14E-01	1.79E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-05
941952502	5.47E-05	8.63E-03	0.00E+00	8.63E-03	0.00E+00	0.00E+00	5.66E-03	3.24E-09	2.56E-05	2.81E-04	0.00E+00	0.00E+00	1.52E-13	2.94E-12	2.10E-05	0.00E+00	0.00E+00	0.00E+00	7.64E-07	3.03E-04	1.21E-01	0.00E+00	1.32E-11	4.45E-10	7.10E-05	2.16E-07	1.61E-04	0.00E+00	1.21E-01	3.40E-10	1.21E-01	1.21E-01	1.61E-04	0.00E+00	0.00E+00	0.00E+00	3.28E-05
941952505	5.47E-05	8.63E-03	0.00E+00	8.63E-03	0.00E+00	0.00E+00	5.66E-03	3.24E-09	2.56E-05	2.81E-04	0.00E+00	0.00E+00	1.52E-13	2.94E-12	2.10E-05	0.00E+00	0.00E+00	0.00E+00	7.64E-07	3.03E-04	1.21E-01	0.00E+00	1.32E-11	4.45E-10	7.10E-05	2.16E-07	1.61E-04	0.00E+00	1.21E-01	3.40E-10	1.21E-01	1.21E-01	1.61E-04	0.00E+00	0.00E+00	0.00E+00	3.28E-05
941952506	5.14E-05	8.10E-03	0.00E+00	8.10E-03	0.00E+00	0.00E+00	5.31E-03	3.04E-09	2.41E-05	2.64E-04	0.00E+00	0.00E+00	1.43E-13	2.76E-12	1.98E-05	0.00E+00	0.00E+00	0.00E+00	7.17E-07	2.85E-04	1.13E-01	0.00E+00	1.24E-11	4.18E-10	6.66E-05	2.03E-07	1.51E-04	0.00E+00	1.13E-01	3.19E-10	1.13E-01	1.13E-01	1.51E-04	0.00E+00	0.00E+00	0.00E+00	3.08E-05
9419605	4.53E-05	7.09E-03	4.57E-10	7.09E-03	2.05E-11	0.00E+00	4.69E-03	2.86E-09	2.12E-05	2.32E-04	0.00E+00	0.00E+00	1.25E-13	2.69E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.34E-07	2.60E-04	1.00E-01	0.00E+00	1.16E-11	3.64E-10	5.81E-05	1.81E-07	1.37E-04	0.00E+00	1.00E-01	3.19E-10	1.00E-01	1.00E-01	1.37E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-05
9419609	8.64E-05	1.35E-02	4.57E-10	1.35E-02	2.05E-11	0.00E+00	8.98E-03	5.10E-09	4.01E-05	4.47E-04	0.00E+00	0.00E+00	2.41E-13	4.59E-12	3.32E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-06	4.75E-04	1.90E-01	0.00E+00	2.07E-11	6.98E-10	1.12E-04	3.38E-07	2.52E-04	0.00E+00	1.90E-01	5.38E-10	1.90E-01	1.90E-01	2.52E-04	0.00E+00	0.00E+00	0.00E+00	5.14E-05
9419705	5.66E-05	9.27E-03	4.57E-10	9.25E-03	2.05E-11	0.00E+00	6.15E-03	3.53E-09	2.77E-05	2.98E-04	0.00E+00	0.00E+00	1.61E-13	3.17E-12	2.31E-05	0.00E+00	0.00E+00	0.00E+00	8.21E-07	3.33E-04	1.28E-01	0.00E+00	1.42E-11	4.81E-10	7.55E-05	2.36E-07	1.75E-04	0.00E+00	1.28E-01	3.65E-10	1.28E-01	1.28E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.52E-05
9419709	7.00E-05	1.09E-02	4.57E-10	1.09E-02	2.05E-11	0.00E+00	7.14E-03	4.10E-09	3.17E-05	3.54E-04	0.00E+00	0.00E+00	1.92E-13	3.76E-12	2.66E-05	0.00E+00	0.00E+00	0.00E+00	9.71E-07	3.87E-04	1.57E-01	0.00E+00	1.80E-11	5.49E-10	8.89E-05	3.01E-07	2.19E-04	0.00E+00	1.57E-01	4.27E-10	1.57E-01	1.57E-01	2.19E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-05
9419728	7.96E-05	9.26E-03	4.57E-10	9.24E-03	2.05E-11	0.00E+00	6.14E-03	3.53E-09	5.33E-05	4.99E-04	0.00E+00	0.00E+00	1.60E-13	3.16E-12	2.30E-05	0.00E+00	0.00E+00	0.00E+00	8.22E-07	3.33E-04	1.30E-01	0.00E+00	1.42E-11	1.20E-09	1.19E-04	2.35E-07	1.74E-04	0.00E+00	1.30E-01	3.63E-10	1.30E-01	1.31E-01	1.74E-04	0.00E+00	0.00E+00	0.00E+00	3.52E-05
9419805	6.37E-05	1.02E-02	4.57E-10	1.02E-02	2.05E-11	0.00E+00	6.54E-03	3.85E-09	3.05E-05	3.36E-04	0.00E+00	0.00E+00	1.80E-13	3.53E-12	2.52E-05	0.00E+00	0.00E+00	0.00E+00	9.06E-07	3.62E-04	1.49E-01	0.00E+00	1.60E-11	5.22E-10	8.46E-05	2.57E-07	1.92E-04	0.00E+00	1.49E-01	4.06E-10	1.49E-01	1.49E-01	1.92E-04	0.00E+00	0.00E+00	0.00E+00	3.88E-05
9419909	5.77E-05	9.51E-03	4.57E-10	9.49E-03	2.05E-11	0.00E+00	6.46E-03	3.74E-09	2.95E-05	3.19E-04	0.00E+00	0.00E+00	1.68E-13	3.35E-12	2.35E-05	0.00E+00	0.00E+00	0.00E+00	8.65E-07	3.51E-04	1.49E-01	0.00E+00	1.46E-11	5.05E-10	7.66E-05	2.58E-07	1.93E-04	0.00E+00	1.49E-01	3.97E-10	1.49E-01	1.46E-01	1.93E-04	0.00E+00	0.00E+00	0.00E+00	3.88E-05
9429603	6.38E-05	1.02E-02	4.57E-10	1.02E-02	2.05E-11	0.00E+00	6.84E-03	4.22E-09	3.04E-05	3.34E-04	0.00E+00	0.00E+00	1.80E-13	3.56E-12	2.62E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-06	3.76E-04	1.49E-01	0.00E+00	1.60E-11	5.22E-10	8.47E-05	2.62E-07	1.97E-04	0.00E+00	1.49E-01	4.08E-10	1.49E-01	1.50E-01	1.97E-04	0.00E+00	0.00E+00	0.00E+00	4.95E-05
9429605	1.98E-04	3.18E-02	4.57E-10	3.18E-02	2.05E-11	0.00E+00	2.12E-02	1.21E-08	9.25E-05	9.73E-04	0.00E+00	0.00E+00	5.71E-13	1.12E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	1.18E-03	4.51E-01	0.00E+00	4.94E-11	1.63E-09	2.59E-04	8.06E-07	6.00E-04	0.00E+00	4.51E-01	1.27E-09	4.51E-01	4.54E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
9429606	1.95E-04	3.13E-02	4.57E-10	3.13E-02	2.05E-11	0.00E+00	2.06E-02	1.19E-08	9.08E-05	9.67E-04	0.00E+00	0.00E+00	5.60E-13	1.12E-11	7.81E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	1.15E-03	4.40E-01	0.00E+00	4.87E-11	1.61E-09	2.55E-04	7.97E-07	5.98E-04	0.00E+00	4.40E-01	1.24E-09	4.40E-01	4.45E-01	5.98E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
9429619	6.10E-05	1.01E-02	4.57E-10	1.00E-02	2.05E-11	0.00E+00	6.49E-03	3.74E-09	2.92E-05	3.17E-04	0.00E+00	0.00E+00	1.70E-13	3.37E-12	2.45E-05	0.00E+00	0.00E+00	0.00E+00	9.05E-07	3.53E-04	1.43E-01	0.00E+00	1.48E-11	4.95E-10	8.23E-05	2.52E-07	1.88E-04	0.00E+00	1.43E-01	4.02E-10	1.43E-01	1.41E-01	1.88E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-05
9451705	4.09E-05	6.27E-03	4.57E-10	6.26E-03	2.05E-11	0.00E+00	3.97E-03	2.32E-09	1.86E-05	2.04E-04	0.00E+00	0.00E+00	1.08E-13	2.10E-12	1.48E-05	0.00E+00	0.00E+00	0.00E+00	5.80E-07	2.27E-04	8.36E-02	0.00E+00	9.25E-12	3.21E-10	5.05E-05	1.57E-07	1.18E-04	0.00E+00	8.36E-02	2.43E-10	8.36E-02	8.45E-02	1.18E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05
945172501	3.86E-05	6.22E-03	4.57E-10	6.22E-03	2.05E-11	0.00E+00	3.93E-03	2.31E-09	1.80E-05	1.84E-04	0.00E+00	0.00E+00	1.07E-13	2.06E-12	1.48E-05	0.00E+00	0.00E+00	0.00E+00	6.06E-07	2.21E-04	8.28E-02	0.00E+00	1.00E-11	3.13E-10	4.85E-05	1.59E-07	1.18E-04	0.00E+00	8.28E-02	2.40E-10	8.28E-02	8.37E-02	1.18E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-05
945172505	3.85E-05	6.22E-03	4.57E-10	6.21E-03	2.05E-11	0.00E+00	3.93E-03	2.31E-09	1.80E-05	1.84E-04	0.00E+00	0.00E+00	1.07E-13	2.07E-12	1.47E-05	0.00E+00	0.00E+00	0.00E+00	6.06E-07	2.23E-04	8.28E-02	0.00E+00	1.01E-11	3.13E-10	4.86E-05	1.59E-07	1.18E-04	0.00E+00	8.28E-02	2.40E-10	8.28E-02	8.37E-02	1.18E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-05
945172507	4.08E-05	6.55E-03	4.57E-10	6.55E-03	2.05E-11	0.00E+00	4.37E-03	2.44E-09	1.85E-05	2.06E-04	0.00E+00	0.00E+00	1.17E-13	2.26E-12	1.59E-05	0.00E+00	0.00E+00	0.00E+00	6.49E-07	2.26E-04	8.36E-02	0.00E+00	1.10E-11	3.19E-10	4.97E-05	1.69E-07	1.28E-04	0.00E+00	8.36E-02	2.59E-10	8.36E-02	8.45E-02	1.28E-04	0.00E+00	0.00E+00	0.00E+00	2.51E-05
945172509	4.31E-05	6.80E-03	0.00E+00	6.80E-03	0.00E+00	0.00E+00	4.46E-03	2.55E-09	2.02E-05	2.22E-04	0.00E+00	0.00E+00	1.20E-13	2.32E-12	1.66E-05	0.00E+00	0.00E+00	0.00E+00	6.02E-07	2.39E-04	9.50E-02	0.00E+00	1.04E-11	3.51E-10	5.59E-05	1.70E-07	1.27E-04	0.00E+00	9.50E-02	2.68E-10	9.50E-02	9.51E-02	1.27E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-05
945702505	5.50E-05	9.32E-03	4.57E-10	9.33E-03	2.05E-11	0.00E+00	6.05E-03	3.49E-09	2.57E-05	2.84E-04	0.00E+00	0.00E+00	1.61E-13	3.20E-12	2.25E-05	0.00E+00	0.00E+00	0.00E+00	8.53E-07	3.25E-04	1.31E-01	0.00E+00	1.42E-11	4.50E-10	7.25E-05	2.39E-07	1.76E-04	0.00E+00	1.31E-01	3.65E-10	1.31E-01	1.31E-01	1.76E-04	0.00E+00	0.00E+00	0.00E+00	3.54E-05
945702515	5.29E-05	8.65E-03	4.57E-10	8.69E-03	2.05E-11	0.00E+00	5.48E-03	3.15E-09	2.38E-05	2.59E-04	0.00E+00	0.00E+00	1.72E-13	2.94E-12	2.17E-05	0.00E+00	0.00E+00	0.00E+00	7.96E-07	3.08E-04	1.25E-01	0.00E+00	1.44E-11	4.12E-10	6.74E-05	2.18E-07	1.66E-04	0.00E+00	1.25E-01	3.33E-10	1.25E-01	1.26E-01	1.66E-04	0.00E+00	0.00E+00	0.00E+00	3.28E-05
945712501	4.67E-05	8.15E-03	4.57E-10	8.17E-03	2.05E-11	0.00E+00	5.34E-03	3.05E-09	2.16E-05	2.49E-04	0.00E+00	0.00E+00	2.76E-13	4.12E-12	2.40E-05	0.00E+00	0.00E+00	0.00E+00	9.57E-07	2.94E-04	1.15E-01	0.00E+00	1.58E-11	3.89E-10	6.14E-05	2.09E-07	1.75E-04	0.00E+00	1.15E-01	3.24E-10	1.15E-01	1.15E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-05
945712505	4.66E-05	8.15E-03	4.57E-10	8.17E-03	2.05E-11	0.00E+00	5.34E-03	3.05E-09	2.17E-05	2.46E-04	0.00E+00	0.00E+00	2.76E-13	4.12E-12	2.41E-05	0.00E+00	0.00E+00	0.00E+00	9.57E-07	2.94E-04	1.15E-01	0.00E+00	1.67E-11	3.89E-10	6.15E-05	2.09E-07	1.75E-04	0.00E+00	1.15E-01	3.24E-10	1.15E-01	1.15E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-05
945712507	4.67E-05	8.15E-03	4.57E-10	8.17E-03	2.05E-11	0.00E+00	5.34E-03	3.05E-09	2.16E-05	2.49E-04	0.00E+00	0.00E+00	2.76E-13	4.12E-12	2.40E-05	0.00E+00	0.00E+00	0.00E+00	9.57E-07	2.94E-04	1.15E-01	0.00E+00	1.58E-11	3.89E-10	6.14E-05	2.09E-07	1.75E-04	0.00E+00	1.15E-01	3.24E-10	1.15E-01	1.15E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-05
945712509	4.67E-05	8.15E-03	4.57E-10	8.17E-03	2.05E-11	0.00E+00	5.34E-03	3.05E-09	2.16E-05	2.49E-04	0.00E+00	0.00E+00	2.76E-13	4.12E-12	2.40E-05	0.00E+00	0.00E+00	0.00E+00	9.57E-07	2.94E-04	1.15E-01	0.00E+00	1.58E-11	3.89E-10	6.14E-05	2.09E-07	1.75E-04	0.00E+00	1.15E-01	3.24E-10	1.15E-01	1.15E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-05
947132502	3.72E-05	5.81E-03	4.57E-10	5.81E-03	2.05E-11	0.00E+00	3.76E-03	2.37E-09	1.79E-05	1.97E-04	0.00E+00	0.00E+00	1.06E-13	2.00E-12	1.77E-05	0.00E+00	0.00E+00	0.00E+00	5.48E-07	2.11E-04	8.08E-02	0.00E+00	9.00E-12	3.10E-10	4.91E-05	1.46E-07	1.08E-04	0.00E+00	8.08E-02	2.26E-10	8.08E-02	8.10E-02	1.08E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05
947132503	3.66E-05	5.45E-03	4.57E-10	5.46E-03	2.05E-11	0.00E+00	3.59E-03	2.25E-09	1.71E-05	1.91E-04	0.00E+00	0.00E+00	1.00E-13	1.98E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	5.45E-07	2.08E-04	7.58E-02	0.00E+00	8.73E-12	2.96E-10	4.41E-05	1.42E-07	1.02E-04	0.00E+00	7.58E-02	2.16E-10	7.58E-02	7.60E-02	1.02E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-05
947132504	3.72E-05	5.81E-03	4.57E-10	5.81E-03	2.05E-11	0.00E+00	3.76E-03	2.37E-09	1.79E-05	1.97E-04	0.00E+00	0.00E+00	1.06E-13	2.00E-12	1.77E-05	0.00E+00	0.00E+00	0.00E+00	5.48E-07	2.11E-04	8.08E-02	0.00E+00	9.00E-12	3.10E-10	4.91E-05	1.46E-07	1.08E-04	0.00E+00	8.08E-02	2.26E-10	8.08E-02	8.10E-02	1.08E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05
947132505	3.73E-05	5.79E-03	4.57E-10	5.79E-03	2.05E-11	0.00E+00	3.76E-03	2.35E-09	1.79E-05	1.97E-04	0.00E+00	0.00E+00	1.06E-13	2.27E-12	1.76E-05	0.00E+00	0.00E+00	0.00E+00	5.50E-07	2.12E-04	8.07E-02	0.00E+00	9.00E-12	3.07E-10	4.89E-05	1.46E-07	1.08E-04	0.00E+00	8.07E-02	2.26E-10	8.07E-02	8.12E-02	1.08E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05
947132506	3.72E-05	5.81E-03	4.57E-10	5.81E-03	2.05E-11	0.00E+00	3.76E-03	2.37E-09	1.79E-05	1.97E-04	0.00E+00	0.00E+00	1.06E-13	2.00E-12	1.77E-05	0.00E+00	0.00E+00	0.00E+00	5.48E-07	2.11E-04	8.08E-02	0.00E+00	9.00E-12	3.10E-10	4.91E-05	1.46E-07	1.08E-04	0.00E+00	8.08E-02	2.26E-10	8.08E-02	8.10E-02	1.08E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05
947132576	3.77E-05	6.07E-03	4.57E-10	6.07E-03	2.05E-11	0.00E+00	4.01E-03	2.48E-09	1.81E-05	1.97E-04	0.00E+00	0.00E+00	1.12E-13	2.07E-12	1.85E-05	0.00E+00	0.00E+00	0.00E+00	5.69E-07	2.16E-04	8.52E-02	0.00E+00	9.34E-12	3.13E-10	4.96E-05	1.52E-07	1.13E-04	0.00E+00	8.52E-02	2.39E-10	8.52E-02	8.51E-02	1.13E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-05
947782501	6.41E-05	6.20E-03	4.57E-10	6.20E-03	2.05E-11	0.00E+00	3.96E-03	2.52E-09	4.52E-05	4.06E-04	0.00E+00	0.00E+00	1.09E-13	2.38E-12	1.58E-05	0.00E+00	0.00E+00	0.00E+00	5.51E-07	2.27E-04	8.51E-02	0.00E+00	1.02E-11	1.06E-09	9.66E-05	1.56E-07	1.17E-04	0.00E+00	8.51E-02	2.41E-10	8.51E-02	8.57E-02	1.17E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05
947782502	4.56E-05	7.29E-03	4.57E-10	7.29E-03	2.05E-11	0.00E+00	4.81E-03	2.74E-09	2.07E-05	2.30E-04	0.00E+00	0.00E+00	1.33E-13	3.02E-12	2.24E-05	0.00E+00	0.00E+00	0.00E+00	7.38E-07	2.61E-04	1.06E-01	0.00E+00	1.21E-11	3.60E-10	5.73E-05	1.82E-07	1.39E-04	0.00E+00	1.06E-01	2.86E-10	1.06E-01	1.06E-01	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-05
947782503	4.53E-05	7.28E-03	4.57E-10	7.29E-03	2.05E-11	0.00E+00	4.81E-03	2.74E-09	2.05E-05	2.31E-04	0.00E+00	0.00E+00	1.34E-13	3.02E-12	2.15E-05	0.00E+00	0.00E+00	0.00E+00	7.39E-07	2.62E-04	1.06E-01	0.00E+00	1.21E-11	3.55E-10	5.68E-05	1.82E-07	1.40E-04	0.00E+00	1.06E-01	2.86E-10	1.06E-01	1.06E-01	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-05
947782505	4.53E-05	7.42E-03	4.57E-10	7.42E-03	2.05E-11	0.00E+00	4.93E-03	2.79E-09	2.07E-05	2.33E-04	0.00E+00	0.00E+00	1.35E-13	3.05E-12	2.24E-05	0.00E+00	0.00E+00	0.00E+00	7.44E-07	2.63E-04	1.06E-01	0.00E+00	1.21E-11	3.59E-10	5.70E-05	1.85E-07	1.42E-04	0.00E+00	1.06E-01	2.89E-10	1.06E-01	1.06E-01	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.82E-05
947782506	4.53E-05	7.27E-03	4.57E-10	7.28E-03	2.05E-11	0.00E+00	4.81E-03	2.74E-09	2.05E-05	2.30E-04	0.00E+00	0.00E+00	1.34E-13	3.02E-12	2.15E-05	0.00E+00	0.00E+00	0.00E+00	7.39E-07	2.62E-04	1.06E-01	0.00E+00	1.20E-11	3.55E-10	5.67E-05	1.82E-07	1.40E-04	0.00E+00	1.06E-01	2.86E-10	1.06E-01	1.06E-01	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-05
947782512	4.64E-05	8.04E-03	4.57E-10	8.00E-03	2.05E-11	0.00E+00	5.22E-03	2.96E-09	2.17E-05	2.51E-04	0.00E+00	0.00E+00	1.59E-13	2.94E-12	3.09E-05	0.00E+00	0.00E+00	0.00E+00	8.46E-07	2.82E-04	1.11E-01	0.00E+00	1.30E-11	3.79E-10	5.84E-05	1.98E-07	1.52E-04	0.00E+00	1.11E-01	3.11E-10	1.11E-01	1.11E-01	1.52E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05
947792501	4.59E-05	8.10E-03	4.57E-10	8.05E-03	2.05E-11	0.00E+00	5.24E-03	2.97E-09	2.15E-05	2.48E-04	0.00E+00	0.00E+00	1.63E-13	3.22E-12	3.09E-05	0.00E+00	0.00E+00	0.00E+00	8.79E-07	2.84E-04	1.12E-01	0.00E+00	1.30E-11	3.73E-10	5.81E-05	2.00E-07	1.55E-04	0.00E+00	1.12E-01	3.11E-10	1.12E-01	1.12E-01	1.55E-04	0.00E+00	0.00E+00	0.00E+00	3.02E-05
947792502	4.59E-05	8.14E-03	4.57E-10	8.09E-03	2.05E-11	0.00E+00	5.25E-03	2.99E-09	2.15E-05	2.52E-04	0.00E+00	0.00E+00	1.64E-13	3.50E-12	3.19E-05	0.00E+00	0.00E+00	0.00E+00	8.79E-07	2.86E-04	1.12E-01	0.00E+00	1.31E-11	3.73E-10	5.87E-05	2.01E-07	1.56E-04	0.00E+00	1.12E-01	3.13E-10	1.12E-01	1.12E-01	1.56E-04	0.00E+00	0.00E+00	0.00E+00	3.03E-05

947792503	4.35E-05	7.30E-03	4.57E-10	7.30E-03	2.05E-11	0.00E+00	4.82E-03	2.74E-09	2.00E-05	2.23E-04	0.00E+00	0.00E+00	1.52E-13	3.29E-12	3.13E-05	0.00E+00	0.00E+00	0.00E+00	8.59E-07	2.66E-04	1.06E-01	0.00E+00	1.21E-11	3.44E-10	5.35E-05	1.82E-07	1.45E-04	0.00E+00	1.06E-01	2.86E-10	1.06E-01	1.06E-01	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.79E-05
947792505	4.59E-05	7.78E-03	4.57E-10	7.74E-03	2.05E-11	0.00E+00	5.05E-03	2.86E-09	2.09E-05	2.42E-04	0.00E+00	0.00E+00	1.57E-13	3.42E-12	3.17E-05	0.00E+00	0.00E+00	0.00E+00	8.54E-07	2.84E-04	1.07E-01	0.00E+00	1.31E-11	3.67E-10	5.64E-05	1.91E-07	1.51E-04	0.00E+00	1.07E-01	2.99E-10	1.07E-01	1.07E-01	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.91E-05
947792506	4.59E-05	7.78E-03	4.57E-10	7.74E-03	2.05E-11	0.00E+00	5.05E-03	2.86E-09	2.09E-05	2.42E-04	0.00E+00	0.00E+00	1.57E-13	3.42E-12	3.17E-05	0.00E+00	0.00E+00	0.00E+00	8.54E-07	2.84E-04	1.07E-01	0.00E+00	1.31E-11	3.67E-10	5.64E-05	1.91E-07	1.51E-04	0.00E+00	1.07E-01	2.99E-10	1.07E-01	1.07E-01	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.91E-05
961842501	3.88E-05	6.35E-03	4.57E-10	6.37E-03	2.05E-11	0.00E+00	4.19E-03	2.31E-09	1.84E-05	1.92E-04	0.00E+00	0.00E+00	1.17E-13	2.45E-12	1.77E-05	0.00E+00	0.00E+00	0.00E+00	6.58E-07	2.31E-04	8.69E-02	0.00E+00	9.66E-12	3.12E-10	5.14E-05	1.58E-07	1.21E-04	0.00E+00	8.69E-02	2.52E-10	8.69E-02	8.61E-02	1.21E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05
9618505	3.09E-05	8.20E-03	4.57E-10	8.20E-03	2.05E-11	0.00E+00	5.46E-03	3.19E-09	1.34E-05	1.30E-04	0.00E+00	0.00E+00	1.05E-12	1.87E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	4.34E-06	5.65E-04	1.32E-01	0.00E+00	6.32E-11	2.93E-10	3.49E-05	2.13E-07	3.23E-04	0.00E+00	1.32E-01	3.35E-10	1.32E-01	1.31E-01	3.23E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
961852501	5.35E-05	8.54E-03	4.57E-10	8.55E-03	2.05E-11	0.00E+00	5.46E-03	3.19E-09	2.19E-05	2.59E-04	0.00E+00	0.00E+00	1.92E-13	3.43E-12	2.58E-05	0.00E+00	0.00E+00	0.00E+00	8.76E-07	3.15E-04	1.30E-01	0.00E+00	1.66E-11	3.87E-10	5.96E-05	2.13E-07	1.66E-04	0.00E+00	1.30E-01	3.35E-10	1.30E-01	1.29E-01	1.66E-04	0.00E+00	0.00E+00	0.00E+00	3.52E-05
961852502	5.54E-05	8.59E-03	4.57E-10	8.60E-03	2.05E-11	0.00E+00	5.49E-03	3.18E-09	2.47E-05	2.72E-04	0.00E+00	0.00E+00	1.73E-13	2.90E-12	2.16E-05	0.00E+00	0.00E+00	0.00E+00	7.86E-07	3.02E-04	1.27E-01	0.00E+00	1.42E-11	4.28E-10	6.79E-05	2.13E-07	1.67E-04	0.00E+00	1.27E-01	3.35E-10	1.27E-01	1.27E-01	1.67E-04	0.00E+00	0.00E+00	0.00E+00	3.25E-05
961852505	3.21E-05	8.22E-03	4.57E-10	8.22E-03	2.05E-11	0.00E+00	5.47E-03	3.19E-09	1.37E-05	1.39E-04	0.00E+00	0.00E+00	1.05E-12	1.88E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	4.34E-06	5.65E-04	1.32E-01	0.00E+00	6.32E-11	2.93E-10	3.49E-05	2.13E-07	3.24E-04	0.00E+00	1.32E-01	3.36E-10	1.32E-01	1.30E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
961852506	3.14E-05	8.16E-03	4.57E-10	8.16E-03	2.05E-11	0.00E+00	5.45E-03	3.16E-09	1.46E-05	1.34E-04	0.00E+00	0.00E+00	1.04E-12	1.87E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	4.25E-06	5.65E-04	1.24E-01	0.00E+00	6.32E-11	3.11E-10	3.61E-05	2.16E-07	3.19E-04	0.00E+00	1.24E-01	3.31E-10	1.24E-01	1.23E-01	3.19E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
9619405	4.04E-05	6.91E-03	4.57E-10	6.91E-03	2.05E-11	0.00E+00	4.54E-03	2.62E-09	1.92E-05	2.12E-04	0.00E+00	0.00E+00	1.42E-13	2.92E-12	2.85E-05	0.00E+00	0.00E+00	0.00E+00	8.30E-07	2.52E-04	9.67E-02	0.00E+00	1.15E-11	3.24E-10	5.14E-05	1.73E-07	1.39E-04	0.00E+00	9.67E-02	2.73E-10	9.67E-02	9.62E-02	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.74E-05
961942502	4.32E-05	7.93E-03	4.57E-10	7.92E-03	2.05E-11	0.00E+00	5.28E-03	3.03E-09	2.14E-05	2.42E-04	0.00E+00	0.00E+00	1.72E-13	3.51E-12	3.77E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-06	2.86E-04	1.12E-01	0.00E+00	1.30E-11	3.58E-10	5.80E-05	2.01E-07	1.56E-04	0.00E+00	1.12E-01	3.16E-10	1.12E-01	1.11E-01	1.56E-04	0.00E+00	0.00E+00	0.00E+00	3.11E-05
961942505	4.66E-05	7.28E-03	4.57E-10	7.28E-03	2.05E-11	0.00E+00	4.79E-03	2.77E-09	2.15E-05	2.42E-04	0.00E+00	0.00E+00	1.28E-13	2.47E-12	1.88E-05	0.00E+00	0.00E+00	0.00E+00	6.46E-07	2.59E-04	1.05E-01	0.00E+00	1.12E-11	3.75E-10	6.02E-05	1.82E-07	1.36E-04	0.00E+00	1.05E-01	2.86E-10	1.05E-01	1.06E-01	1.36E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-05
961942506	4.32E-05	7.92E-03	4.57E-10	7.90E-03	2.05E-11	0.00E+00	5.27E-03	3.00E-09	2.13E-05	2.42E-04	0.00E+00	0.00E+00	1.67E-13	3.23E-12	3.51E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-06	2.86E-04	1.12E-01	0.00E+00	1.30E-11	3.58E-10	5.78E-05	2.01E-07	1.56E-04	0.00E+00	1.12E-01	3.15E-10	1.12E-01	1.11E-01	1.56E-04	0.00E+00	0.00E+00	0.00E+00	3.11E-05
9619505	5.16E-05	8.55E-03	4.57E-10	8.57E-03	2.05E-11	0.00E+00	5.50E-03	3.20E-09	2.40E-05	2.58E-04	0.00E+00	0.00E+00	1.77E-13	3.18E-12	2.42E-05	0.00E+00	0.00E+00	0.00E+00	9.65E-07	3.10E-04	1.31E-01	0.00E+00	1.42E-11	4.08E-10	6.55E-05	2.14E-07	1.72E-04	0.00E+00	1.31E-01	3.36E-10	1.31E-01	1.30E-01	1.72E-04	0.00E+00	0.00E+00	0.00E+00	3.35E-05
961952501	5.20E-05	8.54E-03	4.57E-10	8.56E-03	2.05E-11	0.00E+00	5.50E-03	3.20E-09	2.41E-05	2.59E-04	0.00E+00	0.00E+00	1.77E-13	3.18E-12	2.42E-05	0.00E+00	0.00E+00	0.00E+00	9.65E-07	3.09E-04	1.31E-01	0.00E+00	1.42E-11	4.08E-10	6.52E-05	2.14E-07	1.72E-04	0.00E+00	1.31E-01	3.36E-10	1.31E-01	1.30E-01	1.72E-04	0.00E+00	0.00E+00	0.00E+00	3.35E-05
961952502	5.21E-05	8.56E-03	4.57E-10	8.57E-03	2.05E-11	0.00E+00	5.50E-03	3.20E-09	2.39E-05	2.56E-04	0.00E+00	0.00E+00	1.82E-13	3.18E-12	2.60E-05	0.00E+00	0.00E+00	0.00E+00	9.94E-07	3.10E-04	1.31E-01	0.00E+00	1.42E-11	4.09E-10	6.56E-05	2.14E-07	1.72E-04	0.00E+00	1.31E-01	3.36E-10	1.31E-01	1.30E-01	1.72E-04	0.00E+00	0.00E+00	0.00E+00	3.35E-05
961952505	5.20E-05	8.55E-03	4.57E-10	8.57E-03	2.05E-11	0.00E+00	5.50E-03	3.20E-09	2.39E-05	2.55E-04	0.00E+00	0.00E+00	1.77E-13	3.18E-12	2.42E-05	0.00E+00	0.00E+00	0.00E+00	9.65E-07	3.09E-04	1.31E-01	0.00E+00	1.42E-11	4.09E-10	6.55E-05	2.14E-07	1.72E-04	0.00E+00	1.31E-01	3.36E-10	1.31E-01	1.30E-01	1.72E-04	0.00E+00	0.00E+00	0.00E+00	3.35E-05
961952506	5.42E-05	8.54E-03	0.00E+00	8.54E-03	0.00E+00	0.00E+00	5.60E-03	3.21E-09	2.54E-05	2.79E-04	0.00E+00	0.00E+00	1.50E-13	2.91E-12	2.08E-05	0.00E+00	0.00E+00	0.00E+00	7.56E-07	3.00E-04	1.19E-01	0.00E+00	1.31E-11	4.40E-10	7.03E-05	2.14E-07	1.59E-04	0.00E+00	1.19E-01	3.37E-10	1.19E-01	1.19E-01	1.59E-04	0.00E+00	0.00E+00	0.00E+00	3.25E-05
9624905	5.67E-05	9.35E-03	4.57E-10	9.34E-03	2.05E-11	0.00E+00	6.12E-03	3.55E-09	2.73E-05	2.91E-04	0.00E+00	0.00E+00	1.64E-13	3.20E-12	2.31E-05	0.00E+00	0.00E+00	0.00E+00	8.31E-07	3.30E-04	1.28E-01	0.00E+00	1.41E-11	4.75E-10	7.49E-05	2.34E-07	1.75E-04	0.00E+00	1.28E-01	3.65E-10	1.28E-01	1.28E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05
962492501	5.66E-05	9.35E-03	4.57E-10	9.34E-03	2.05E-11	0.00E+00	6.08E-03	3.53E-09	2.72E-05	2.91E-04	0.00E+00	0.00E+00	1.64E-13	3.18E-12	2.27E-05	0.00E+00	0.00E+00	0.00E+00	8.28E-07	3.30E-04	1.28E-01	0.00E+00	1.41E-11	4.74E-10	7.49E-05	2.34E-07	1.75E-04	0.00E+00	1.28E-01	3.65E-10	1.28E-01	1.27E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05
962492502	5.70E-05	8.99E-03	0.00E+00	8.99E-03	0.00E+00	0.00E+00	5.90E-03	3.38E-09	2.67E-05	2.93E-04	0.00E+00	0.00E+00	1.58E-13	3.06E-12	2.19E-05	0.00E+00	0.00E+00	0.00E+00	7.96E-07	3.16E-04	1.26E-01	0.00E+00	1.38E-11	4.64E-10	7.39E-05	2.25E-07	1.68E-04	0.00E+00	1.26E-01	3.54E-10	1.26E-01	1.26E-01	1.68E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-05
962492505	5.67E-05	9.35E-03	4.57E-10	9.34E-03	2.05E-11	0.00E+00	6.12E-03	3.55E-09	2.73E-05	2.91E-04	0.00E+00	0.00E+00	1.64E-13	3.20E-12	2.31E-05	0.00E+00	0.00E+00	0.00E+00	8.31E-07	3.30E-04	1.28E-01	0.00E+00	1.41E-11	4.75E-10	7.48E-05	2.34E-07	1.75E-04	0.00E+00	1.28E-01	3.65E-10	1.28E-01	1.28E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05
962492506	5.68E-05	9.35E-03	4.57E-10	9.34E-03	2.05E-11	0.00E+00	6.12E-03	3.55E-09	2.73E-05	2.91E-04	0.00E+00	0.00E+00	1.64E-13	3.19E-12	2.31E-05	0.00E+00	0.00E+00	0.00E+00	8.31E-07	3.30E-04	1.28E-01	0.00E+00	1.42E-11	4.75E-10	7.48E-05	2.34E-07	1.75E-04	0.00E+00	1.28E-01	3.64E-10	1.28E-01	1.28E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05
962512502	4.45E-05	6.97E-03	4.57E-10	6.96E-03	2.05E-11	0.00E+00	4.60E-03	2.62E-09	2.02E-05	2.18E-04	0.00E+00	0.00E+00	1.24E-13	2.67E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.86E-07	2.45E-04	9.58E-02	0.00E+00	1.16E-11	3.50E-10	5.50E-05	1.81E-07	1.33E-04	0.00E+00	9.58E-02	2.77E-10	9.58E-02	9.56E-02	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.69E-05
962512503	4.21E-05	6.84E-03	4.57E-10	6.83E-03	2.05E-11	0.00E+00	4.52E-03	2.59E-09	1.99E-05	2.12E-04	0.00E+00	0.00E+00	1.23E-13	2.64E-12	1.69E-05	0.00E+00	0.00E+00	0.00E+00	6.73E-07	2.43E-04	9.59E-02	0.00E+00	1.14E-11	3.44E-10	5.39E-05	1.78E-07	1.32E-04	0.00E+00	9.59E-02	2.71E-10	9.59E-02	9.54E-02	1.32E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-05
962512505	4.21E-05	6.84E-03	4.57E-10	6.83E-03	2.05E-11	0.00E+00	4.52E-03	2.60E-09	2.00E-05	2.12E-04	0.00E+00	0.00E+00	1.23E-13	2.64E-12	1.69E-05	0.00E+00	0.00E+00	0.00E+00	6.73E-07	2.43E-04	9.59E-02	0.00E+00	1.14E-11	3.46E-10	5.41E-05	1.78E-07	1.32E-04	0.00E+00	9.59E-02	2.71E-10	9.59E-02	9.55E-02	1.32E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-05
962572502	4.63E-05	8.19E-03	4.57E-10	8.18E-03	2.05E-11	0.00E+00	5.40E-03	3.09E-09	1.99E-05	2.54E-04	0.00E+00	0.00E+00	2.96E-13	4.16E-12	3.56E-05	0.00E+00	0.00E+00	0.00E+00	9.33E-07	3.01E-04	1.14E-01	0.00E+00	1.76E-11	3.53E-10	5.97E-05	2.06E-07	1.79E-04	0.00E+00	1.14E-01	3.25E-10	1.14E-01	1.14E-01	1.79E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-05
962572503	3.06E-05	8.32E-03	4.57E-10	8.30E-03	2.05E-11	0.00E+00	5.51E-03	3.18E-09	1.20E-05	1.37E-04	0.00E+00	0.00E+00	1.06E-12	1.87E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-06	5.75E-04	1.22E-01	0.00E+00	6.41E-11	2.70E-10	3.32E-05	2.17E-07	3.27E-04	0.00E+00	1.22E-01	3.34E-10	1.22E-01	1.21E-01	3.27E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
962572505	3.15E-05	8.32E-03	4.57E-10	8.30E-03	2.05E-11	0.00E+00	5.49E-03	3.18E-09	1.20E-05	1.38E-04	0.00E+00	0.00E+00	1.06E-12	1.87E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-06	5.74E-04	1.21E-01	0.00E+00	6.40E-11	2.70E-10	3.39E-05	2.12E-07	3.27E-04	0.00E+00	1.21E-01	3.34E-10	1.21E-01	1.21E-01	3.27E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
962572506	5.57E-05	8.59E-03	4.57E-10	8.58E-03	2.05E-11	0.00E+00	5.49E-03	3.18E-09	2.16E-05	2.69E-04	0.00E+00	0.00E+00	1.94E-13	3.46E-12	2.87E-05	0.00E+00	0.00E+00	0.00E+00	8.49E-07	3.26E-04	1.20E-01	0.00E+00	1.84E-11	3.81E-10	6.24E-05	2.12E-07	1.71E-04	0.00E+00	1.20E-01	3.34E-10	1.20E-01	1.20E-01	1.71E-04	0.00E+00	0.00E+00	0.00E+00	3.68E-05
962592501	5.36E-05	9.31E-03	4.57E-10	9.29E-03	2.05E-11	0.00E+00	6.07E-03	3.50E-09	2.76E-05	3.48E-04	0.00E+00	0.00E+00	1.61E-13	3.17E-12	2.25E-05	0.00E+00	0.00E+00	0.00E+00	8.26E-07	3.25E-04	1.29E-01	0.00E+00	1.41E-11	4.73E-10	7.27E-05	2.39E-07	1.76E-04	0.00E+00	1.29E-01	3.64E-10	1.29E-01	1.27E-01	1.76E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05
962592502	5.37E-05	9.31E-03	4.57E-10	9.29E-03	2.05E-11	0.00E+00	6.07E-03	3.50E-09	2.77E-05	3.32E-04	0.00E+00	0.00E+00	1.61E-13	3.17E-12	2.26E-05	0.00E+00	0.00E+00	0.00E+00	8.26E-07	3.25E-04	1.30E-01	0.00E+00	1.41E-11	4.73E-10	7.24E-05	2.39E-07	1.76E-04	0.00E+00	1.30E-01	3.64E-10	1.30E-01	1.27E-01	1.76E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05
962592503	5.35E-05	9.31E-03	4.57E-10	9.29E-03	2.05E-11	0.00E+00	6.07E-03	3.49E-09	2.76E-05	3.48E-04	0.00E+00	0.00E+00	1.61E-13	3.17E-12	2.25E-05	0.00E+00	0.00E+00	0.00E+00	8.26E-07	3.25E-04	1.29E-01	0.00E+00	1.41E-11	4.72E-10	7.27E-05	2.39E-07	1.76E-04	0.00E+00	1.29E-01	3.62E-10	1.29E-01	1.27E-01	1.76E-04	0.00E+00	0.00E+00	0.00E+00	3.54E-05
962592505	5.24E-05	8.76E-03	4.57E-10	8.76E-03	2.05E-11	0.00E+00	5.54E-03	3.24E-09	2.59E-05	3.22E-04	0.00E+00	0.00E+00	1.56E-13	2.98E-12	2.17E-05	0.00E+00	0.00E+00	0.00E+00	7.84E-07	3.07E-04	1.23E-01	0.00E+00	1.35E-11	4.39E-10	6.82E-05	2.20E-07	1.67E-04	0.00E+00	1.23E-01	3.37E-10	1.23E-01	1.22E-01	1.67E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05
962592506	5.18E-05	8.58E-03	4.57E-10	8.60E-03	2.05E-11	0.00E+00	5.47E-03	3.17E-09	2.57E-05	3.17E-04	0.00E+00	0.00E+00	1.54E-13	2.91E-12	2.16E-05	0.00E+00	0.00E+00	0.00E+00	7.66E-07	3.06E-04	1.22E-01	0.00E+00	1.34E-11	4.34E-10	6.73E-05	2.17E-07	1.64E-04	0.00E+00	1.22E-01	3.32E-10	1.22E-01	1.21E-01	1.64E-04	0.00E+00	0.00E+00	0.00E+00	3.28E-05
9626205	6.11E-05	1.02E-02	4.57E-10	1.02E-02	2.05E-11	0.00E+00	6.96E-03	4.99E-09	3.18E-05	3.26E-04	0.00E+00	0.00E+00	1.85E-13	3.98E-12	2.69E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	3.84E-04	1.57E-01	0.00E+00	1.86E-11	5.04E-10	8.86E-05	2.78E-07	2.14E-04	0.00E+00	1.57E-01	4.13E-10	1.57E-01	1.58E-01	2.14E-04	0.00E+00	0.00E+00	0.00E+00	5.22E-05
962622501	5.64E-05	9.31E-03	4.57E-10	9.30E-03	2.05E-11	0.00E+00	6.15E-03	3.50E-09	3.09E-05	3.03E-04	0.00E+00	0.00E+00	1.63E-13	3.17E-12	2.30E-05	0.00E+00	0.00E+00	0.00E+00	8.52E-07	3.27E-04	1.29E-01	0.00E+00	1.41E-11	4.71E-10	8.51E-05	2.33E-07	1.75E-04	0.00E+00	1.29E-01	3.63E-10	1.29E-01	1.29E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-05
962622502	6.32E-05	1.02E-02	4.57E-10	1.02E-02	2.05E-11	0.00E+00	6.85E-03	3.88E-09	3.38E-05	3.36E-04	0.00E+00	0.00E+00	1.82E-13	3.59E-12	2.64E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-06	3.76E-04	1.48E-01	0.00E+00	1.60E-11	5.15E-10	9.39E-05	2.60E-07	1.96E-04	0.00E+00	1.48E-01	4.14E-10	1.48E-01	1.49E-01	1.96E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-05
962622505	6.28E-05	1.02E-02	4.57E-10	1.02E-02	2.05E-11	0.00E+00	6.50E-03	3.87E-09	3.35E-05	3.34E-04	0.00E+00	0.00E+00	1.81E-13	3.56E-12	2.62E-05	0.00E+00	0.00E+00	0.00E+00	9.49E-07	3.64E-04	1.47E-01	0.00E+00	1.58E-11	5.13E-10	9.39E-05	2.57E-07	1.92E-04	0.00E+00	1.47E-01	4.11E-10	1.47E-01	1.46E-01	1.92E-04	0.00E+00	0.00E+00	0.00E+00	3.91E-05
962622506	6.29E-05	1.02E-02	4.57E-10	1.02E-02	2.05E-11	0.00E+00	6.53E-03	3.87E-09	3.36E-05	3.35E-04	0.00E+00	0.00E+00	1.81E-13	3.56E-12	2.62E-05	0.00E+00	0.00E+00	0.00E+00	9.49E-07	3.64E-04	1.47E-01	0.00E+00	1.59E-11	5.13E-10	9.40E-05	2.57E-07	1.91E-04	0.00E+00	1.47E-01	4.11E-10	1.47E-01	1.46E-01	1.91E-04	0.00E+00	0.00E+00	0.00E+00	3.91E-05
9627205	4.28E-05	8.03E-03	4.57E-10	8.02E-03	2.05E-11	0.00E+00	5.33E-03	3.06E-09	2.18E-05	2.43E-04	0.00E+00	0.00E+00	1.74E-13	3.55E-12	3.52E-05	0.00E+00	0.00E+00	0.00E+00	9.51E-07	2.87E-04	1.13E-01	0.00E+00	1.32E-11	3.65E-10	5.78E-05	2.08E-07	1.61E-04	0.00E+00	1.13E-01	3.23E-10	1.13E-01	1.13E-01	1.61E-04	0.00E+00	0.00E+00	0.00E+00	3.16E-05
962722502	1.26E-05	7.97E-03	3.26E-08	7.97E-03	1.21E-08	0.00E+00	2.33E-01	2.98E-08	2.28E-06	2.50E-05	0.00E+00	3.33E-05	1.56E-12	2.98E-11	2.82E-04	3.41E-05	0.00E+00	0.00E+00	6.68E-06	7.40E-04	1.42E-01	0.00E+00	9.67E-11	1.08E-10	8.10E-06	5.86E-07	4.46E-04	0.00E+00	1.42E-01	2.84E-09	1.42E-01	1.42E-01	4.46E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-04
962722505	4.58E-05	8.00E-03	4.57E-10	7.99E-03	2.05E-11	0.00E+00	5.31E-03	3.03E-09	2.16E-05	2.54E-04	0.00E+00	0.00E+00	1.72E-13	3.54E-12	3.86E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-06	2.90E-04	1.12E-01	0.00E+00	1.31E-11	3.61E-10	5.76E-05	2.02E-07	1.64E-04	0.00E+00	1.12E-01	3.21E-10	1.12E-01	1.12E-01	1.64E-04	0.00E+00	0.00E+00	0.00E+00	3.15E-05
962722506	3.94E-05	6.87E-03	4.57E-10	6.86E-03	2.05E-11	0.00E+00	4.52E-03	3.19E-09	1.90E-05	2.11E-04	0.00E+00	0.00E+00	1.47E-13	3.18E-12	2.83E-05	0.00E+00	0.00E+00	0.00E+00	8.56E-07	2.53E-04	9.66E-02	0.00E+00	1.15E-11	3.20E-10	5.07E-05	1.75E-07	1.42E-04	0.00E+00	9.66E-02	2.90E-10	9.66E-02	9.61E-02	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05
AS2457	3.62E-05	6.72E-03	4.57E-10	6.72E-03	2.05E-11	0.00E+00	4.51E-03	4.57E-09	1.25E-05	1.72E-04	0.00E+00	0.00E+00	1.22E-13	2.35E-12	1.66E-05	0.00E+00	0.00E+00	0.00E+00	6.09E-07	3.46E-04	9.57E-02	0.00E+00	1.05E-11	2.56E-10	3.99E-05	2.14E-07	1.69E-04	0.00E+00	9.57E-02	5.69E-10	9.57E-02	9.54E-02	1.69E-04	0.00E+00	0.00E+00	0.00E+00	2.61E-05
B45000	4.72E-05	7.94E-03	4.57E-10	7.94E-03	2.05E-11	0.00E+00	5.25E-03	2.97E-09	2.49E-05	2.75E-04	0.00E+00	0.00E+00	1.37E-13	2.71E-12	2.10E-05	0.00E+00	0.00E+00	0.00E+00	7.06E-07	2.78E-04	1.10E-01	0.00E+00	1.22E-11	3.95E-10	6.90E-05	1.99E-07	1.49E-04	0.00E+00	1.10E-01	3.16E-10	1.10E-01	1.10E-01	1.49E-04	0.00E+00	0.00E+00	0.00E+00	3.03E-05
B45010	8.87E-05	1.31E-02	0.00E+00	1.31E-02	0.00E+00	0.00E+00	8.61E-03	4.93E-09	3.90E-05	4.28E-04	0.00E+00	0.00E+00	2.31E-13	4.47E-12	3.20E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-06	4.61E-04	1.83E-01	0.00E+00	2.02E-11	6.77E-10	1.08E-04	3.29E-07	2.45E-04	0.00E+00	1.83E-01	5.18E-10	1.83E-01	1.84E-01	2.45E-04	0.00E+00	0.00E+00	0.00E+00	4.99E-05
B45011	1.40E-04	1.42E-02	4.57E-10	1.42E-02	2.05E-11	0.00E+00	9.31E-03	5.35E-09	4.95E-05	5.38E-04	0.00E+00	0.00E+00	2.49E-13	4.80E-12	3.47E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	5.00E-04	1.99E-01	0.00E+00	2.18E-11	9.00E-10	1.59E-04	3.57E-07	2.71E-04	0.00E+00	1.99E-01	5.61E-10	1.99E-01	1.99E-01	2.71E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-05
B45012	1.05E-04	9.56E-03	4.57E-10	9.56E-03	2.05E-11	0.00E+00	6.43E-03	3.71E-09	3.55E-05	3.78E-04	0.00E+00	0.00E+00	1.71E-13	3.39E-12	2.37E-05	0.00E+00	0.00E+00	0.00E+00	9.38E-07	3.55E-04	1.48E-01	0.00E+00	1.47E-11	6.55E-10	1.19E-04	2.57E-07	1.94E-04	0.00E+00	1.48E-01	4.02E-10	1.48E-01	1.47E-01	1.94E-04	0.00E+00	0.00E+00	0.00E+00	3.81E-05
B45013	1.05E-04	9.57E-03	4.57E-10	9.56E-03	2.05E-11	0.00E+00	6.43E-03	3.71E-09	3.55E-05	3.78E-04	0.00E+00	0.00E+00	1.71E-13	3.40E-12	2.37E-05	0.00E+00	0.00E+00	0.00E+00	9.39E-07	3.55E-04	1.48E-01	0.00E+00	1.47E-11	6.54E-10	1.19E-04	2.57E-07	1.94E-04	0.00E+00	1.48E-01	4.02E-10	1.48E-01	1.47E-01	1.94E-04	0.00E+00	0.00E+00	0.00E+00	3.81E-05
B45014	1.42E-04	1.42E-02	4.57E-10	1.42E-02	2.05E-11	0.00E+00	9.31E-03	5.35E-09	4.95E-05	5.38E-04	0.00E+00	0.00E+00	2.49E-13	4.81E-12	3.48E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	5.00E-04	1.99E-01	0.00E+00	2.18E-11	9.00E-10	1.59E-04	3.57E-07	2.72E-04	0.00E+00	1.99E-01	5.61E-10	1.99E-01	1.98E-01	2.72E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-05
B45016	1.86E-04	2.56E-02	4.57E-10	2.54E-02	2.05E-11	0.00E+00	1.68E-02	9.35E-09	6.47E-05	7.10E-04	0.00E+00	0.00E+00	4.40E-13	8.83E-12	6.14E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	9.37E-04	3.61E-01	0.00E+00	3.89E-11	1.26E-09	2.17E-04	6.38E-07	4.64E-04	0.00E+00	3.61E-01	9.94E-10	3.61E-01	3.55E-01	4.64E-04	0.00E+00	0.00E+00	0.00E+00	9.50E-05
B45020	1.05E-04	1.66E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.09E-02	6.24E-09	4.94E-05	5.42E-04	0.00E+00	0.00E+00	2.93E-13	5.66E-12	4.05E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.84E-04	2.32E-01	0.00E+00	2.55E-11	8.57E-10	1.37E-04	4.16E-07	3.10E-04	0.00E+00	2.32E-01	6.55E-10	2.32E-01	2.33E-01	3.10E-04	0.00E+00	0.00E+00	0.00E+00	6.32E-05
B45021	1.20E-04	1.77E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.16E-02	6.67E-09	5.28E-05	5.79E-04	0.00E+00	0.00E+00	3.12E-13	6.04E-12	4.33E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.24E-04	2.48E-01	0.00E+00	2.72E-11	9.15E-10	1.46E-04	4.44E-07	3.31E-04	0.00E+00	2.48E-01	7.00E-10	2.48E-01	2.48E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.75E-05
B45022	9.70E-05	1.47E-02	4.57E-10	1.47E-02	2.05E-11	0.00E+00	9.68E-03	5.55E-09	4.40E-05	4.78E-04	0.00E+00	0.00E+00	2.62E-13	5.06E-12	3.63E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-06	5.21E-04	2.05E-01	0.00E+00	2.26E-11	7.63E-10	1.21E-04	3.68E-07	2.79E-04	0.00E+00	2.05E-01	5.81E-10	2.05E-01	2.05E-01	2.79E-04	0.00E+00	0.00E+00	0.00E+00	5.59E-05
B45023	9.70E-05	1.47E-02	4.57E-10	1.47E-02	2.05E-11	0.00E+00	9.68E-03	5.55E-09	4.40E-05	4.78E-04	0.00E+00	0.00E+00	2.62E-13	5.06E-12	3.63E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-06	5.21E-04	2.05E-01	0.00E+00	2.26E-11	7.63E-10	1.21E-04	3.68E-07	2.79E-04	0.00E+00	2.05E-01	5.81E-10	2.05E-01	2.05E-01	2.79E-04	0.00E+00	0.00E+00	0.00E+00	5.59E-05
B45024	1.05E-04	1.66E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.09E-02	6.24E-09	4.94E-05	5.42E-04	0.00E+00	0.00E+00	2.93E-13	5.66E-12	4.05E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.84E-04	2.32E-01	0.00E+00	2.55E-11	8.57E-10	1.37E-04	4.16E-07	3.10E-04	0.00E+00	2.32E-01	6.55E-10	2.32E-01	2.33E-01	3.10E-04	0.00E+00	0.00E+00	0.00E+00	6.32E-05
B45026	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.17E-02	6.72E-09	5.29E-05	5.76E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.25E-04	2.51E-01	0.00E+00	2.73E-11	9.15E-10	1.46E-04	4.50E-07	3.35E-04	0.00E+00	2.51E-01	7.04E-10	2.51E-01	2.53E-01	3.35E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05
B45030	1.73E-04	2.57E-02	0.00E+00	2.57E-02	0.00E+00	0.00E+00	1.68E-02	9.64E-09	7.63E-05	8.37E-04	0.00E+00	0.00E+00	4.52E-13	8.74E-12	6.26E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	9.02E-04	3.59E-01	0.00E+00	3.94E-11	1.32E-09	2.11E-04	6.43E-07	4.79E-04	0.00E+00	3.59E-01	1.01E-09	3.59E-01	3.59E-01	4.79E-04	0.00E+00	0.00E+00	0.00E+00	9.76E-05
B45031	1.38E-04	2.18E-02	4.57E-10	2.18E-02	2.05E-11	0.00E+00	1.48E-02	8.47E-09	6.37E-05	7.00E-04	0.00E+00	0.00E+00	3.91E-13	7.81E-12	5.37E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.59E-04	3.11E-01	0.00E+00	3.51E-11	1.11E-09	1.78E-04	5.51E-07	4.02E-04	0.00E+00	3.11E-01	8.86E-10	3.11E-01	3.11E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-05
B45032	1.38E-04	2.18E-02	4.57E-10	2.18E-02	2.05E-11	0.00E+00	1.48E-02	8.45E-09	6.40E-05	7.00E-04	0.00E+00	0.00E+00	3.91E-13	7.80E-12	5.37E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.59E-04	3.11E-01	0.00E+00	3.51E-11	1.11E-09	1.78E-04	5.51E-07	4.02E-04	0.00E+00	3.11E-01	8.86E-10	3.11E-01	3.11E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.37E-05
B45033	1.38E-04	2.18E-02	4.57E-10	2.18E-02	2.05E-11	0.00E+00	1.48E-02	8.45E-09	6.40E-05	7.00E-04	0.00E+00	0.00E+00	3.91E-13	7.80E-12	5.37E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.59E-04	3.11E-01	0.00E+00	3.51E-11	1.11E-09	1.78E-04	5.51E-07	4.02E-04	0.00E+00	3.11E-01	8.86E-10	3.11E-01	3.11E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.37E-05
B45034	1.61E-04	2.67E-02	4.57E-10	2.66E-02	2.05E-11	0.00E+00	1.73E-02	1.00E-08	7.98E-05	8.33E-04	0.00E+00	0.00E+00	4.51E-13	1.02E-11	6.24E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	9.02E-04	3.60E-01	0.00E+00	3.91E-11	1.34E-09	2.15E-04	6.44E-07	4.77E-04	0.00E+00	3.60E-01	1.00E-09	3.60E-01	3.58E-01	4.77E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
B88100	6.36E-05	1.00E-02	0.00E+00	1.00E-02	0.00E+00	0.00E+00	6.57E-03	3.76E-09	2.98E-05	3.27E-04	0.00E+00	0.00E+00	1.76E-13	3.41E-12	2.44E-05	0.00E+00	0.00E+00	0.00E+00	8.87E-07	3.52E-04	1.40E-01	0.00E+00	1.54E-11	5.17E-10	8.24E-05	2.51E-07	1.87E-04	0.00E+00	1.40E-01	3.95E-10	1.40E-01	1.40E-01	1.87E-04	0.00E+00	0.00E+00	0.00E+00	3.81E-05
B88102	4.29E-05	6.93E-03	4.57E-10	6.93E-03	2.05E-11	0.00E+00	1.36E-02	7.63E-09	2.10E-05	2.21E-04	0.00E+00	0.00E+00	2.01E-13	3.15E-12	2.13E-05	0.00E+00	0.00E+00	0.00E+00	7.82E-07	2.47E-04	9.72E-02	0.00E+00	1.38E-11	4.29E-10	5.84E-05	1.84E-07	1.44E-04	0.00E+00	9.72E-02	3.77E-10	9.72E-02	9.76E-02	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-05
B88122	1.46E-04	2.30E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.51E-02	8.65E-09	6.84E-05	7.51E-04	0.00E+00	0.00E+00	4.05E-13	7.84E-12	5.61E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	8.09E-04	3.22E-01	0.00E+00	3.53E-11	1.19E-09	1.89E-04	5.76E-07	4.29E-04	0.00E+00	3.22E-01	9.07E-10	3.22E-01	3.22E-01	4.29E-04	0.00E+00	0.00E+00	0.00E+00	8.75E-05
GD20009011	2.39E-04	3.87E-02	4.57E-10	3.90E-02	2.05E-11	0.00E+00	3.97E-02	1.50E-08	1.14E-04	1.24E-03	0.00E+00	1.48E-05	6.69E-13	1.67E-11	9.15E-05	7.42E-06	0.00E+00	0.00E+00	3.88E-06	1.33E-03	5.38E-01	0.00E+00	5.84E-11	1.99E-09	3.12E-04	9.51E-07	7.26E-04	0.00E+00	5.38E-01	1.51E-09	5.38E-01	5.35E-01	7.26E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
GD20017035	2.39E-04	3.87E-02	4.57E-10	3.89E-02	2.05E-11	0.00E+00	3.95E-02	1.50E-08	1.14E-04	1.24E-03	0.00E+00	1.31E-05	6.66E-13	1.68E-11	9.15E-05	7.42E-06	0.00E+00	0.00E+00	3.89E-06	1.33E-03	5.28E-01	0.00E+00	5.80E-11	2.00E-09	3.12E-04	9.48E-07	7.07E-04	0.00E+00	5.28E-01	1.51E-09	5.28E-01	5.29E-01	7.07E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
GD20019011	2.55E-04	4.04E-02	4.57E-10	4.06E-02	2.05E-11	0.00E+00	4.07E-02	1.56E-08	1.18E-04	1.30E-03	0.00E+00	1.31E-05	7.01E-13	1.76E-11	9.61E-05	7.42E-06	0.00E+00	0.00E+00	4.99E-06	1.43E-03	5.56E-01	0.00E+00	6.03E-11	2.05E-09	3.24E-04	1.03E-06	7.38E-04	0.00E+00	5.56E-01	1.71E-09	5.56E-01	5.55E-01	7.38E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
GD20019016	2.55E-04	4.01E-02	4.57E-10	4.03E-02	2.05E-11	0.00E+00	3.98E-02	1.49E-08	1.18E-04	1.30E-03	0.00E+00	1.31E-05	6.94E-13	1.72E-11	9.59E-05	7.42E-06	0.00E+00	0.00E+00	4.96E-06	1.42E-03	5.66E-01	0.00E+00	6.03E-11	2.05E-09	3.24E-04	1.02E-06	7.36E-04	0.00E+00	5.66E-01	1.68E-09	5.66E-01	5.59E-01	7.36E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
GD30007035	3.09E-04	5.35E-02	4.57E-10	5.31E-02	2.05E-11	0.00E+00	1.72E-01	2.03E-08	1.40E-04	1.51E-03	0.00E+00	3.62E-05	9.42E-13	3.03E-11	1.28E-04	7.58E-05	0.00E+00	0.00E+00	6.10E-06	2.00E-03	7.51E-01	0.00E+00	1.09E-10	2.40E-09	3.94E-04	1.35E-06	9.70E-04	0.00E+00	7.51E-01	2.33E-09	7.51E-01	7.52E-01	9.70E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-04
GD30009011	3.09E-04	5.39E-02	4.57E-10	5.36E-02	2.05E-11	0.00E+00	1.72E-01	2.03E-08	1.41E-04	1.51E-03	0.00E+00	3.62E-05	9.42E-13	3.03E-11	1.28E-04	7.58E-05	0.00E+00	0.00E+00	6.10E-06	2.00E-03	7.50E-01	0.00E+00	1.09E-10	2.40E-09	3.96E-04	1.35E-06	9.70E-04	0.00E+00	7.50E-01	2.33E-09	7.50E-01	7.47E-01	9.70E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-04
GD30017035	2.76E-04	5.28E-02	4.57E-10	5.25E-02	2.05E-11	0.00E+00	1.72E-01	2.03E-08	1.21E-04	1.29E-03	0.00E+00	3.40E-05	9.41E-13	2.88E-11	1.28E-04	7.40E-05	0.00E+00	0.00E+00	6.01E-06	1.94E-03	7.56E-01	0.00E+00	1.10E-10	2.06E-09	3.47E-04	1.35E-06	9.68E-04	0.00E+00	7.56E-01	2.33E-09	7.56E-01	7.57E-01	9.68E-04	0.00E+00	0.00E+00	0.00E+00	3.01E-04
GD30019011	2.51E-04	5.43E-02	4.57E-10	5.42E-02	2.05E-11	0.00E+00	1.73E-01	2.06E-08	1.26E-04	1.32E-03	0.00E+00	3.48E-05	9.64E-13	2.91E-11	1.29E-04	7.58E-05	0.00E+00	0.00E+00	6.25E-06	2.03E-03	7.66E-01	0.00E+00	1.15E-10	2.12E-09	3.32E-04	1.39E-06	9.88E-04	0.00E+00	7.66E-01	2.39E-09	7.66E-01	7.57E-01	9.88E-04	0.00E+00	0.00E+00	0.00E+00	3.18E-04
GD30019016	2.20E-04	5.18E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	1.72E-01	2.02E-08	1.11E-04	9.46E-04	0.00E+00	3.48E-05	9.40E-13	2.87E-11	1.30E-04	7.58E-05	0.00E+00	0.00E+00	6.27E-06	2.00E-03	7.71E-01	0.00E+00	1.13E-10	2.02E-09	3.06E-04	1.35E-06	9.68E-04	0.00E+00	7.71E-01	2.47E-09	7.71E-01	7.58E-01	9.68E-04	0.00E+00	0.00E+00	0.00E+00	3.17E-04
GDE20017035	2.57E-04	4.04E-02	4.57E-10	4.06E-02	2.05E-11	0.00E+00	2.69E-02	1.56E-08	1.19E-04	1.31E-03	0.00E+00	0.00E+00	7.02E-13	1.39E-11	9.61E-05	0.00E+00	0.00E+00	0.00E+00	4.49E-06	1.40E-03	5.58E-01	0.00E+00	6.03E-11	2.04E-09	3.28E-04	1.00E-06	7.39E-04	0.00E+00	5.58E-01	1.59E-09	5.58E-01	5.57E-01	7.39E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
GDE20019016	2.55E-04	4.01E-02	4.57E-10	4.02E-02	2.05E-11	0.00E+00	2.59E-02	1.49E-08	1.19E-04	1.30E-03	0.00E+00	0.00E+00	6.94E-13	1.35E-11	9.60E-05	0.00E+00	0.00E+00	0.00E+00	4.46E-06	1.39E-03	5.57E-01	0.00E+00	6.03E-11	2.04E-09	3.28E-04	1.02E-06	7.36E-04	0.00E+00	5.57E-01	1.68E-09	5.57E-01	5.57E-01	7.36E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
GDE30019016	2.76E-04	5.03E-02	4.57E-10	5.04E-02	2.05E-11	0.00E+00	1.71E-01	1.93E-08	1.18E-04	1.29E-03	0.00E+00	3.40E-05	9.16E-13	2.78E-11	1.28E-04	7.40E-05	0.00E+00	0.00E+00	5.92E-06	1.96E-03	7.47E-01	0.00E+00	1.09E-10	2.07E-09	3.47E-04	1.31E-06	9.49E-04	0.00E+00	7.47E-01	2.28E-09	7.47E-01	7.51E-01	9.49E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-04
GE20103020	2.21E-04	3.95E-02	4.57E-10	3.94E-02	2.05E-11	0.00E+00	4.46E-01	1.48E-08	9.74E-05	1.00E-03	0.00E+00	7.25E-05	2.73E-12	5.07E-11	3.73E-04	8.67E-05	0.00E+00	0.00E+00	8.78E-06	1.80E-03	5.81E-01	0.00E+00	1.26E-10	1.65E-09	2.81E-04	1.51E-06	1.25E-03	0.00E+00	5.81E-01	4.45E-09	5.81E-01	5.86E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	5.57E-04
GE20109016	2.21E-04	3.93E-02	4.57E-10	3.93E-02	2.05E-11	0.00E+00	4.46E-01	1.48E-08	9.80E-05	9.95E-04	0.00E+00	7.25E-05	2.73E-12	5.07E-11	3.73E-04	8.67E-05	0.00E+00	0.00E+00	8.76E-06	1.82E-03	5.88E-01	0.00E+00	1.29E-10	1.65E-09	2.85E-04	1.51E-06	1.25E-03	0.00E+00	5.88E-01	4.45E-09	5.88E-01	5.87E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	5.64E-04
GE20113020	2.27E-04	3.97E-02	4.57E-10	3.96E-02	2.05E-11	0.00E+00	4.46E-01	1.52E-08	9.79E-05	9.92E-04	0.00E+00	7.25E-05	2.75E-12	5.09E-11	3.75E-04	8.67E-05	0.00E+00	0.00E+00	7.88E-06	1.84E-03	6.02E-01	0.00E+00	1.28E-10	1.66E-09	2.86E-04	1.53E-06	1.26E-03	0.00E+00	6.02E-01	4.47E-09	6.02E-01	6.11E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	5.59E-04
GE20119016	2.23E-04	3.98E-02	4.57E-10	3.95E-02	2.05E-11	0.00E+00	4.52E-01	1.54E-08	1.04E-04	1.25E-03	0.00E+00	7.34E-05	2.75E-12	5.10E-11	3.76E-04	8.85E-05	0.00E+00	0.00E+00	8.10E-06	1.86E-03	6.24E-01	0.00E+00	1.34E-10	1.93E-09	2.95E-04	1.54E-06	1.26E-03	0.00E+00	6.24E-01	4.48E-09	6.24E-01	6.33E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	5.59E-04
GS10017035	5.80E-05	3.67E-02	1.50E-07	3.67E-02	5.56E-08	0.00E+00	1.07E+00	1.37E-07	1.05E-05	1.15E-04	0.00E+00	1.54E-04	7.20E-12	1.37E-10	1.30E-03	1.57E-04	0.00E+00	0.00E+00	3.08E-05	3.41E-03	6.52E-01	0.00E+00	4.46E-10	4.98E-10	3.73E-05	2.70E-06	2.06E-03	0.00E+00	6.52E-01	1.31E-08	6.52E-01	6.54E-01	2.06E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-03
GS10019011	5.80E-05	3.67E-02	1.50E-07	3.67E-02	5.56E-08	0.00E+00	1.07E+00	1.37E-07	1.05E-05	1.15E-04	0.00E+00	1.54E-04	7.20E-12	1.37E-10	1.30E-03	1.57E-04	0.00E+00	0.00E+00	3.08E-05	3.41E-03	6.52E-01	0.00E+00	4.46E-10	4.98E-10	3.73E-05	2.70E-06	2.06E-03	0.00E+00	6.52E-01	1.31E-08	6.52E-01	6.54E-01	2.06E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-03
GS10019016	2.47E-04	3.89E-02	0.00E+00	3.89E-02	0.00E+00	0.00E+00	2.55E-02	1.46E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.84E-13	1.32E-11	9.48E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	1.37E-03	5.43E-01	0.00E+00	5.97E-11	2.00E-09	3.20E-04	9.73E-07	7.25E-04	0.00E+00	5.43E-01	1.53E-09	5.43E-01	5.44E-01	7.25E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04

GS1001LAN	5.80E-05	3.67E-02	1.50E-07	3.67E-02	5.56E-08	0.00E+00	1.07E+00	1.37E-07	1.05E-05	1.15E-04	0.00E+00	1.54E-04	7.20E-12	1.37E-10	1.30E-03	1.57E-04	0.00E+00	0.00E+00	3.08E-05	3.41E-03	6.52E-01	0.00E+00	4.46E-10	4.98E-10	3.73E-05	2.70E-06	2.06E-03	0.00E+00	6.52E-01	1.31E-08	6.52E-01	6.54E-01	2.06E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-03
GS11003020	2.33E-04	3.80E-02	4.57E-10	3.81E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.64E-13	1.28E-11	9.10E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.33E-03	5.37E-01	0.00E+00	5.80E-11	1.98E-09	3.12E-04	9.36E-07	7.05E-04	0.00E+00	5.37E-01	1.49E-09	5.37E-01	5.30E-01	7.05E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
GS11009011	2.76E-04	4.68E-02	4.57E-10	4.68E-02	2.05E-11	0.00E+00	3.22E-02	1.75E-08	1.29E-04	1.45E-03	0.00E+00	0.00E+00	8.60E-13	1.70E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-06	1.59E-03	6.21E-01	0.00E+00	7.29E-11	2.29E-09	3.66E-04	1.18E-06	8.58E-04	0.00E+00	6.21E-01	1.86E-09	6.21E-01	6.16E-01	8.58E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04
GS11009016	2.34E-04	3.80E-02	4.57E-10	3.81E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.64E-13	1.28E-11	9.10E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.33E-03	5.37E-01	0.00E+00	5.80E-11	1.98E-09	3.12E-04	9.36E-07	7.05E-04	0.00E+00	5.37E-01	1.49E-09	5.37E-01	5.30E-01	7.05E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
GS11013020	2.77E-04	4.68E-02	4.57E-10	4.68E-02	2.05E-11	0.00E+00	3.22E-02	1.75E-08	1.31E-04	1.42E-03	0.00E+00	0.00E+00	8.61E-13	1.70E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-06	1.59E-03	6.31E-01	0.00E+00	7.30E-11	2.30E-09	3.70E-04	1.18E-06	8.58E-04	0.00E+00	6.31E-01	1.86E-09	6.31E-01	6.29E-01	8.58E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04
GS11019011	2.57E-04	4.01E-02	4.57E-10	4.02E-02	2.05E-11	0.00E+00	2.64E-02	1.49E-08	1.19E-04	1.30E-03	0.00E+00	0.00E+00	6.97E-13	1.36E-11	9.60E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.69E-01	0.00E+00	6.08E-11	2.03E-09	3.27E-04	9.97E-07	7.40E-04	0.00E+00	5.69E-01	1.58E-09	5.69E-01	5.71E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
GS11019016	2.77E-04	4.68E-02	4.57E-10	4.68E-02	2.05E-11	0.00E+00	3.22E-02	1.75E-08	1.31E-04	1.42E-03	0.00E+00	0.00E+00	8.61E-13	1.70E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-06	1.59E-03	6.31E-01	0.00E+00	7.30E-11	2.30E-09	3.71E-04	1.18E-06	8.58E-04	0.00E+00	6.31E-01	1.86E-09	6.31E-01	6.29E-01	8.58E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04
GS12003020	2.51E-04	3.99E-02	4.57E-10	4.02E-02	2.05E-11	0.00E+00	2.70E-02	1.55E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.38E-11	9.69E-05	0.00E+00	0.00E+00	0.00E+00	4.49E-06	1.41E-03	5.75E-01	0.00E+00	6.28E-11	2.04E-09	3.22E-04	1.01E-06	7.39E-04	0.00E+00	5.75E-01	1.59E-09	5.75E-01	5.65E-01	7.39E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
GS12009011	2.53E-04	4.03E-02	4.57E-10	4.05E-02	2.05E-11	0.00E+00	2.78E-02	1.57E-08	1.18E-04	1.32E-03	0.00E+00	0.00E+00	7.13E-13	1.40E-11	9.85E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-06	1.42E-03	5.81E-01	0.00E+00	6.50E-11	2.04E-09	3.24E-04	1.01E-06	7.48E-04	0.00E+00	5.81E-01	1.61E-09	5.81E-01	5.70E-01	7.48E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
GS12009016	2.51E-04	3.99E-02	4.57E-10	4.02E-02	2.05E-11	0.00E+00	2.70E-02	1.55E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.38E-11	9.69E-05	0.00E+00	0.00E+00	0.00E+00	4.49E-06	1.41E-03	5.75E-01	0.00E+00	6.28E-11	2.04E-09	3.22E-04	1.01E-06	7.39E-04	0.00E+00	5.75E-01	1.59E-09	5.75E-01	5.65E-01	7.39E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
GS12013020	2.55E-04	4.06E-02	4.57E-10	4.08E-02	2.05E-11	0.00E+00	2.76E-02	1.60E-08	1.19E-04	1.32E-03	0.00E+00	0.00E+00	7.19E-13	1.42E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.47E-03	5.88E-01	0.00E+00	6.26E-11	2.05E-09	3.31E-04	1.03E-06	7.64E-04	0.00E+00	5.88E-01	1.63E-09	5.88E-01	5.87E-01	7.64E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
GS12019011	2.54E-04	4.01E-02	4.57E-10	4.04E-02	2.05E-11	0.00E+00	2.68E-02	1.56E-08	1.18E-04	1.29E-03	0.00E+00	0.00E+00	6.99E-13	1.38E-11	9.72E-05	0.00E+00	0.00E+00	0.00E+00	6.52E-06	1.41E-03	5.75E-01	0.00E+00	6.04E-11	2.05E-09	3.25E-04	1.05E-06	7.40E-04	0.00E+00	5.75E-01	2.17E-09	5.75E-01	5.75E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
GS12019016	2.51E-04	4.05E-02	4.57E-10	4.06E-02	2.05E-11	0.00E+00	2.76E-02	1.60E-08	1.18E-04	1.32E-03	0.00E+00	0.00E+00	7.19E-13	1.42E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.47E-03	5.88E-01	0.00E+00	6.26E-11	2.05E-09	3.29E-04	1.03E-06	7.63E-04	0.00E+00	5.88E-01	1.64E-09	5.88E-01	5.88E-01	7.63E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
GS20003020	2.41E-04	3.80E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	2.50E-02	1.43E-08	1.13E-04	1.24E-03	0.00E+00	0.00E+00	6.69E-13	1.29E-11	9.28E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	1.34E-03	5.31E-01	0.00E+00	5.84E-11	1.96E-09	3.13E-04	9.52E-07	7.09E-04	0.00E+00	5.31E-01	1.50E-09	5.31E-01	5.32E-01	7.09E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
GS20009011	2.39E-04	3.77E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	2.47E-02	1.42E-08	1.12E-04	1.23E-03	0.00E+00	0.00E+00	6.63E-13	1.28E-11	9.19E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.32E-03	5.26E-01	0.00E+00	5.78E-11	1.94E-09	3.10E-04	9.43E-07	7.02E-04	0.00E+00	5.26E-01	1.49E-09	5.26E-01	5.27E-01	7.02E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
GS20013020	2.57E-04	4.06E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.66E-02	1.52E-08	1.21E-04	1.32E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	9.90E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.43E-03	5.67E-01	0.00E+00	6.23E-11	2.09E-09	3.34E-04	1.02E-06	7.56E-04	0.00E+00	5.67E-01	1.60E-09	5.67E-01	5.68E-01	7.56E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04
GS20019011	2.58E-04	4.08E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.67E-02	1.53E-08	1.21E-04	1.33E-03	0.00E+00	0.00E+00	7.17E-13	1.39E-11	9.94E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-06	1.43E-03	5.69E-01	0.00E+00	6.26E-11	2.10E-09	3.35E-04	1.02E-06	7.60E-04	0.00E+00	5.69E-01	1.61E-09	5.69E-01	5.70E-01	7.60E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-04
GS20019016	2.58E-04	4.08E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.67E-02	1.53E-08	1.21E-04	1.33E-03	0.00E+00	0.00E+00	7.17E-13	1.39E-11	9.94E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-06	1.43E-03	5.69E-01	0.00E+00	6.26E-11	2.10E-09	3.35E-04	1.02E-06	7.60E-04	0.00E+00	5.69E-01	1.61E-09	5.69E-01	5.70E-01	7.60E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-04
GS20109011	5.77E-05	3.69E-02	6.07E-05	3.68E-02	5.59E-08	0.00E+00	1.06E+00	1.38E-07	1.05E-05	1.15E-04	0.00E+00	1.56E-04	7.15E-12	1.36E-10	1.29E-03	2.43E-04	0.00E+00	6.26E-12	3.16E-05	3.43E-03	6.55E-01	0.00E+00	4.29E-10	4.96E-10	3.72E-05	2.71E-06	2.68E-03	0.00E+00	6.55E-01	1.34E-08	6.55E-01	6.58E-01	2.68E-03	0.00E+00	0.00E+00	0.00E+00	1.35E-03
GS20109016	2.51E-04	3.96E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	2.60E-02	1.49E-08	1.18E-04	1.29E-03	0.00E+00	0.00E+00	6.97E-13	1.35E-11	9.66E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	1.39E-03	5.53E-01	0.00E+00	6.08E-11	2.04E-09	3.26E-04	9.92E-07	7.39E-04	0.00E+00	5.53E-01	1.56E-09	5.53E-01	5.54E-01	7.39E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
GS20119011	5.75E-05	3.68E-02	6.06E-05	3.68E-02	5.57E-08	0.00E+00	1.05E+00	1.37E-07	1.05E-05	1.15E-04	0.00E+00	1.55E-04	7.13E-12	1.36E-10	1.29E-03	2.43E-04	0.00E+00	6.25E-12	3.15E-05	3.42E-03	6.54E-01	0.00E+00	4.28E-10	4.95E-10	3.71E-05	2.71E-06	2.67E-03	0.00E+00	6.54E-01	1.33E-08	6.54E-01	6.56E-01	2.67E-03	0.00E+00	0.00E+00	0.00E+00	1.35E-03
GS20119016	2.61E-04	4.11E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.70E-02	1.54E-08	1.22E-04	1.34E-03	0.00E+00	0.00E+00	7.23E-13	1.40E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.44E-03	5.74E-01	0.00E+00	6.31E-11	2.12E-09	3.38E-04	1.03E-06	7.66E-04	0.00E+00	5.74E-01	1.62E-09	5.74E-01	5.75E-01	7.66E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04
GS30003020	3.47E-04	5.47E-02	0.00E+00	5.47E-02	0.00E+00	0.00E+00	3.59E-02	2.05E-08	1.63E-04	1.78E-03	0.00E+00	0.00E+00	9.62E-13	1.86E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.84E-06	1.92E-03	7.64E-01	0.00E+00	8.39E-11	2.82E-09	4.50E-04	1.37E-06	1.02E-03	0.00E+00	7.64E-01	2.16E-09	7.64E-01	7.65E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	2.08E-04
GS30009011	7.69E-05	4.92E-02	8.10E-05	4.91E-02	7.45E-08	0.00E+00	1.41E+00	1.83E-07	1.40E-05	1.54E-04	0.00E+00	2.07E-04	9.53E-12	1.82E-10	1.72E-03	3.24E-04	0.00E+00	8.35E-12	4.21E-05	4.57E-03	8.74E-01	0.00E+00	5.72E-10	6.62E-10	4.96E-05	3.62E-06	3.57E-03	0.00E+00	8.74E-01	1.78E-08	8.74E-01	8.77E-01	3.57E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-03
GS30009016	3.43E-04	5.40E-02	0.00E+00	5.40E-02	0.00E+00	0.00E+00	3.54E-02	2.03E-08	1.61E-04	1.76E-03	0.00E+00	0.00E+00	9.51E-13	1.84E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-06	1.90E-03	7.55E-01	0.00E+00	8.30E-11	2.79E-09	4.45E-04	1.35E-06	1.01E-03	0.00E+00	7.55E-01	2.13E-09	7.55E-01	7.56E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
GS30013020	8.02E-05	5.08E-02	2.08E-07	5.08E-02	7.68E-08	0.00E+00	1.48E+00	1.90E-07	1.45E-05	1.60E-04	0.00E+00	2.12E-04	9.95E-12	1.90E-10	1.80E-03	2.17E-04	0.00E+00	0.00E+00	4.26E-05	4.71E-03	9.01E-01	0.00E+00	6.16E-10	6.88E-10	5.16E-05	3.73E-06	2.84E-03	0.00E+00	9.01E-01	1.81E-08	9.01E-01	9.04E-01	2.84E-03	0.00E+00	0.00E+00	0.00E+00	1.83E-03
GS30019011	3.46E-04	5.45E-02	0.00E+00	5.45E-02	0.00E+00	0.00E+00	3.57E-02	2.05E-08	1.62E-04	1.78E-03	0.00E+00	0.00E+00	9.59E-13	1.85E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.82E-06	1.92E-03	7.61E-01	0.00E+00	8.36E-11	2.81E-09	4.48E-04	1.36E-06	1.02E-03	0.00E+00	7.61E-01	2.15E-09	7.61E-01	7.62E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	2.07E-04
GS30019016	3.56E-04	5.62E-02	0.00E+00	5.62E-02	0.00E+00	0.00E+00	3.68E-02	2.11E-08	1.67E-04	1.83E-03	0.00E+00	0.00E+00	9.88E-13	1.91E-11	1.37E-04	0.00E+00	0.00E+00	0.00E+00	4.97E-06	1.97E-03	7.85E-01	0.00E+00	8.62E-11	2.90E-09	4.62E-04	1.41E-06	1.05E-03	0.00E+00	7.85E-01	2.21E-09	7.85E-01	7.86E-01	1.05E-03	0.00E+00	0.00E+00	0.00E+00	2.14E-04
MK087-32	3.58E-05	5.49E-03	4.57E-10	5.49E-03	2.05E-11	0.00E+00	3.59E-03	2.44E-09	1.13E-05	1.74E-04	0.00E+00	0.00E+00	9.60E-14	1.96E-12	1.34E-05	0.00E+00	0.00E+00	0.00E+00	5.10E-07	2.51E-04	7.62E-02	0.00E+00	8.80E-12	2.20E-10	3.56E-05	1.57E-07	1.12E-04	0.00E+00	7.62E-02	2.58E-10	7.62E-02	7.53E-02	1.12E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-05
MK087-61	3.38E-05	5.43E-03	4.57E-10	5.42E-03	2.05E-11	0.00E+00	3.56E-03	3.28E-09	1.08E-05	1.60E-04	0.00E+00	0.00E+00	9.40E-14	1.95E-12	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.07E-07	2.61E-04	7.48E-02	0.00E+00	8.71E-12	2.17E-10	3.43E-05	1.69E-07	1.11E-04	0.00E+00	7.48E-02	4.10E-10	7.48E-02	7.45E-02	1.11E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05
SN013	9.12E-05	1.44E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	9.43E-03	5.40E-09	4.27E-05	4.69E-04	0.00E+00	0.00E+00	2.53E-13	4.89E-12	3.51E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-06	5.05E-04	2.01E-01	0.00E+00	2.21E-11	7.41E-10	1.18E-04	3.60E-07	2.68E-04	0.00E+00	2.01E-01	5.67E-10	2.01E-01	2.01E-01	2.68E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-05
SN013QC	9.66E-05	1.52E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	9.99E-03	5.72E-09	4.53E-05	4.97E-04	0.00E+00	0.00E+00	2.68E-13	5.19E-12	3.71E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-06	5.35E-04	2.13E-01	0.00E+00	2.34E-11	7.86E-10	1.25E-04	3.81E-07	2.84E-04	0.00E+00	2.13E-01	6.00E-10	2.13E-01	2.13E-01	2.84E-04	0.00E+00	0.00E+00	0.00E+00	5.79E-05
SN015	1.06E-04	1.57E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.03E-02	5.90E-09	4.67E-05	5.12E-04	0.00E+00	0.00E+00	2.76E-13	5.34E-12	3.83E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-06	5.52E-04	2.19E-01	0.00E+00	2.41E-11	8.09E-10	1.29E-04	3.93E-07	2.93E-04	0.00E+00	2.19E-01	6.19E-10	2.19E-01	2.20E-01	2.93E-04	0.00E+00	0.00E+00	0.00E+00	5.97E-05
SN015QC	1.03E-04	1.62E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.06E-02	6.09E-09	4.82E-05	5.28E-04	0.00E+00	0.00E+00	2.85E-13	5.52E-12	3.95E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-06	5.69E-04	2.26E-01	0.00E+00	2.49E-11	8.36E-10	1.33E-04	4.06E-07	3.02E-04	0.00E+00	2.26E-01	6.39E-10	2.26E-01	2.27E-01	3.02E-04	0.00E+00	0.00E+00	0.00E+00	6.16E-05
SN016	1.04E-04	1.65E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.08E-02	6.19E-09	4.90E-05	5.37E-04	0.00E+00	0.00E+00	2.90E-13	5.61E-12	4.02E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.79E-04	2.30E-01	0.00E+00	2.53E-11	8.50E-10	1.36E-04	4.13E-07	3.07E-04	0.00E+00	2.30E-01	6.50E-10	2.30E-01	2.30E-01	3.07E-04	0.00E+00	0.00E+00	0.00E+00	6.27E-05
SN016P	1.37E-03	3.93E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.35E-02	1.35E-08	3.22E-04	3.53E-03	0.00E+00	0.00E+00	5.84E-13	1.30E-11	8.13E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	1.20E-03	4.97E-01	0.00E+00	5.11E-11	7.20E-09	9.09E-04	8.34E-07	6.36E-04	0.00E+00	4.97E-01	1.40E-09	4.97E-01	4.98E-01	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
SN023	9.79E-05	1.45E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	9.51E-03	5.44E-09	4.31E-05	4.73E-04	0.00E+00	0.00E+00	2.55E-13	4.93E-12	3.53E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-06	5.09E-04	2.02E-01	0.00E+00	2.22E-11	7.47E-10	1.19E-04	3.63E-07	2.70E-04	0.00E+00	2.02E-01	5.71E-10	2.02E-01	2.03E-01	2.70E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-05
SN023QC	9.66E-05	1.52E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	9.99E-03	5.72E-09	4.53E-05	4.97E-04	0.00E+00	0.00E+00	2.68E-13	5.19E-12	3.72E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-06	5.36E-04	2.13E-01	0.00E+00	2.34E-11	7.86E-10	1.25E-04	3.81E-07	2.84E-04	0.00E+00	2.13E-01	6.01E-10	2.13E-01	2.13E-01	2.84E-04	0.00E+00	0.00E+00	0.00E+00	5.79E-05
SN025	1.05E-04	1.56E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	1.02E-02	5.86E-09	4.64E-05	5.09E-04	0.00E+00	0.00E+00	2.75E-13	5.31E-12	3.81E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.49E-04	2.18E-01	0.00E+00	2.40E-11	8.05E-10	1.28E-04	3.91E-07	2.91E-04	0.00E+00	2.18E-01	6.15E-10	2.18E-01	2.18E-01	2.91E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-05
SN025QC	1.03E-04	1.62E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.06E-02	6.08E-09	4.81E-05	5.28E-04	0.00E+00	0.00E+00	2.85E-13	5.51E-12	3.95E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-06	5.69E-04	2.26E-01	0.00E+00	2.49E-11	8.35E-10	1.33E-04	4.05E-07	3.02E-04	0.00E+00	2.26E-01	6.38E-10	2.26E-01	2.27E-01	3.02E-04	0.00E+00	0.00E+00	0.00E+00	6.16E-05
SN116	1.31E-03	3.76E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	3.08E-04	3.38E-03	0.00E+00	0.00E+00	5.59E-13	1.25E-11	7.78E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	1.15E-03	4.76E-01	0.00E+00	4.89E-11	6.89E-09	8.70E-04	7.98E-07	6.09E-04	0.00E+00	4.76E-01	1.34E-09	4.76E-01	4.77E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
SN116P	5.76E-04	3.27E-02	4.57E-10	3.29E-02	2.05E-11	0.00E+00	1.99E-02	1.09E-08	2.67E-04	2.61E-03	0.00E+00	0.00E+00	5.11E-13	9.15E-12	6.97E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.10E-04	4.49E-01	0.00E+00	4.46E-11	5.61E-09	6.98E-04	7.44E-07	5.52E-04	0.00E+00	4.49E-01	1.07E-09	4.49E-01	4.43E-01	5.52E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
SN216	1.06E-04	1.68E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.10E-02	6.30E-09	4.99E-05	5.47E-04	0.00E+00	0.00E+00	2.95E-13	5.71E-12	4.09E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-06	5.90E-04	2.34E-01	0.00E+00	2.58E-11	8.65E-10	1.38E-04	4.20E-07	3.13E-04	0.00E+00	2.34E-01	6.61E-10	2.34E-01	2.35E-01	3.13E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-05
SN316	1.05E-04	1.66E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.09E-02	6.21E-09	5.00E-05	5.43E-04	0.00E+00	0.00E+00	2.92E-13	5.65E-12	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.89E-04	2.32E-01	0.00E+00	2.54E-11	9.25E-10	1.45E-04	4.18E-07	3.12E-04	0.00E+00	2.32E-01	6.52E-10	2.32E-01	2.33E-01	3.12E-04	0.00E+00	0.00E+00	0.00E+00	6.34E-05
SNO10DA	2.37E-03	5.08E-02	0.00E+00	5.08E-02	0.00E+00	0.00E+00	3.03E-02	1.75E-08	4.16E-04	4.56E-03	0.00E+00	0.00E+00	7.55E-13	1.68E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.55E-03	6.42E-01	0.00E+00	6.60E-11	9.30E-09	1.17E-03	1.08E-06	8.21E-04	0.00E+00	6.42E-01	1.81E-09	6.42E-01	6.43E-01	8.21E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
SNO15DA	2.37E-03	5.08E-02	0.00E+00	5.08E-02	0.00E+00	0.00E+00	3.03E-02	1.75E-08	4.16E-04	4.56E-03	0.00E+00	0.00E+00	7.55E-13	1.68E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.55E-03	6.42E-01	0.00E+00	6.60E-11	9.30E-09	1.17E-03	1.08E-06	8.21E-04	0.00E+00	6.42E-01	1.81E-09	6.42E-01	6.43E-01	8.21E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
SNS016	1.02E-04	1.61E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.06E-02	6.05E-09	4.79E-05	5.26E-04	0.00E+00	0.00E+00	2.84E-13	5.49E-12	3.93E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-06	5.66E-04	2.25E-01	0.00E+00	2.47E-11	8.31E-10	1.33E-04	4.03E-07	3.00E-04	0.00E+00	2.25E-01	6.35E-10	2.25E-01	2.25E-01	3.00E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-05
SNS216	8.20E-05	1.29E-02	0.00E+00	1.29E-02	0.00E+00	0.00E+00	8.48E-03	4.86E-09	3.84E-05	4.22E-04	0.00E+00	0.00E+00	2.28E-13	4.40E-12	3.15E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-06	4.54E-04	1.81E-01	0.00E+00	1.98E-11	6.67E-10	1.06E-04	3.24E-07	2.41E-04	0.00E+00	1.81E-01	5.10E-10	1.81E-01	1.81E-01	2.41E-04	0.00E+00	0.00E+00	0.00E+00	4.92E-05
SNS316	1.09E-04	1.73E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.13E-02	6.46E-09	4.90E-05	5.61E-04	0.00E+00	0.00E+00	2.99E-13	5.92E-12	4.19E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.26E-04	2.60E-01	0.00E+00	2.66E-11	8.59E-10	1.39E-04	4.49E-07	3.30E-04	0.00E+00	2.60E-01	6.75E-10	2.60E-01	2.59E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.47E-05
WBHP1S	1.57E-03	3.37E-02	0.00E+00	3.37E-02	0.00E+00	0.00E+00	2.01E-02	1.16E-08	2.76E-04	3.03E-03	0.00E+00	0.00E+00	5.01E-13	1.12E-11	6.97E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	1.03E-03	4.26E-01	0.00E+00	4.38E-11	6.17E-09	7.79E-04	7.14E-07	5.45E-04	0.00E+00	4.26E-01	1.20E-09	4.26E-01	4.27E-01	5.45E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
WBHP2S	1.33E-03	3.82E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	2.28E-02	1.31E-08	3.13E-04	3.43E-03	0.00E+00	0.00E+00	5.68E-13	1.27E-11	7.90E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	1.17E-03	4.83E-01	0.00E+00	4.97E-11	7.00E-09	8.83E-04	8.10E-07	6.18E-04	0.00E+00	4.83E-01	1.37E-09	4.83E-01	4.84E-01	6.18E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
WBHP2S-MB	1.36E-03	3.91E-02	0.00E+00	3.91E-02	0.00E+00	0.00E+00	2.34E-02	1.35E-08	3.21E-04	3.51E-03	0.00E+00	0.00E+00	5.81E-13	1.30E-11	8.09E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	1.19E-03	4.95E-01	0.00E+00	5.09E-11	7.16E-09	9.04E-04	8.29E-07	6.33E-04	0.00E+00	4.95E-01	1.40E-09	4.95E-01	4.95E-01	6.33E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
WBHP2S-MW	1.36E-03	3.91E-02	0.00E+00	3.91E-02	0.00E+00	0.00E+00	2.34E-02	1.35E-08	3.21E-04	3.51E-03	0.00E+00	0.00E+00	5.81E-13	1.30E-11	8.09E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	1.19E-03	4.95E-01	0.00E+00	5.09E-11	7.16E-09	9.04E-04	8.29E-07	6.33E-04	0.00E+00	4.95E-01	1.40E-09	4.95E-01	4.95E-01	6.33E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
WBP1S	1.11E-03	2.68E-02	4.57E-10	2.66E-02	2.05E-11	0.00E+00	1.67E-02	9.10E-09	2.10E-04	2.50E-03	0.00E+00	0.00E+00	3.86E-13	8.83E-12	5.78E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	8.24E-04	3.44E-01	0.00E+00	3.65E-11	4.36E-09	6.61E-04	5.88E-07	4.46E-04	0.00E+00	3.44E-01	9.54E-10	3.44E-01	3.47E-01	4.46E-04	0.00E+00	0.00E+00	0.00E+00	8.84E-05
WBP2S	1.24E-03	3.56E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.12E-02	1.22E-08	2.91E-04	3.19E-03	0.00E+00	0.00E+00	5.28E-13	1.18E-11	7.35E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.08E-03	4.50E-01	0.00E+00	4.62E-11	6.51E-09	8.22E-04	7.54E-07	5.75E-04	0.00E+00	4.50E-01	1.27E-09	4.50E-01	4.50E-01	5.75E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
WBQP2S	1.51E-03	3.24E-02	0.00E+00	3.24E-02	0.00E+00	0.00E+00	1.93E-02	1.11E-08	2.65E-04	2.90E-03	0.00E+00	0.00E+00	4.80E-13	1.07E-11	6.68E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	9.87E-04	4.09E-01	0.00E+00	4.20E-11	5.92E-09	7.47E-04	6.85E-07	5.23E-04	0.00E+00	4.09E-01	1.15E-09	4.09E-01	4.09E-01	5.23E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04
WBQP2S-MB	1.46E-03	3.14E-02	0.00E+00	3.14E-02	0.00E+00	0.00E+00	1.88E-02	1.08E-08	2.58E-04	2.82E-03	0.00E+00	0.00E+00	4.67E-13	1.04E-11	6.50E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	9.59E-04	3.98E-01	0.00E+00	4.09E-11	5.75E-09	7.27E-04	6.66E-07	5.08E-04	0.00E+00	3.98E-01	1.12E-09	3.98E-01	3.98E-01	5.08E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04
WBQP2S-MW	1.49E-03	3.21E-02	0.00E+00	3.21E-02	0.00E+00	0.00E+00	1.91E-02	1.10E-08	2.63E-04	2.88E-03	0.00E+00	0.00E+00	4.76E-13	1.06E-11	6.62E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-06	9.77E-04	4.05E-01	0.00E+00	4.17E-11	5.86E-09	7.40E-04	6.79E-07	5.18E-04	0.00E+00	4.05E-01	1.14E-09	4.05E-01	4.06E-01	5.18E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04
WBSP1S	9.49E-04	2.73E-02	0.00E+00	2.73E-02	0.00E+00	0.00E+00	1.63E-02	9.39E-09	2.24E-04	2.45E-03	0.00E+00	0.00E+00	4.06E-13	9.05E-12	5.64E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	8.33E-04	3.45E-01	0.00E+00	3.55E-11	5.00E-09	6.31E-04	5.79E-07	4.42E-04	0.00E+00	3.45E-01	9.75E-10	3.45E-01	3.46E-01	4.42E-04	0.00E+00	0.00E+00	0.00E+00	8.98E-05
WBSP1S-MW	9.45E-04	2.72E-02	0.00E+00	2.72E-02	0.00E+00	0.00E+00	1.62E-02	9.35E-09	2.23E-04	2.44E-03	0.00E+00	0.00E+00	4.04E-13	9.01E-12	5.62E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.30E-04	3.44E-01	0.00E+00	3.54E-11	4.98E-09	6.29E-04	5.76E-07	4.40E-04	0.00E+00	3.44E-01	9.71E-10	3.44E-01	3.44E-01	4.40E-04	0.00E+00	0.00E+00	0.00E+00	8.94E-05
WBSP2S	1.39E-03	2.98E-02	0.00E+00	2.98E-02	0.00E+00	0.00E+00	1.78E-02	1.03E-08	2.44E-04	2.68E-03	0.00E+00	0.00E+00	4.43E-13	9.88E-12	6.16E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.09E-04	3.77E-01	0.00E+00	3.88E-11	5.46E-09	6.89E-04	6.32E-07	4.82E-04	0.00E+00	3.77E-01	1.06E-09	3.77E-01	3.77E-01	4.82E-04	0.00E+00	0.00E+00	0.00E+00	9.80E-05
WBSP2S-MB	1.39E-03	2.98E-02	0.00E+00	2.98E-02	0.00E+00	0.00E+00	1.78E-02	1.03E-08	2.44E-04	2.68E-03	0.00E+00	0.00E+00	4.43E-13	9.88E-12	6.16E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.09E-04	3.77E-01	0.00E+00	3.88E-11	5.46E-09	6.89E-04	6.32E-07	4.82E-04	0.00E+00	3.77E-01	1.06E-09	3.77E-01	3.77E-01	4.82E-04	0.00E+00	0.00E+00	0.00E+00	9.80E-05
WBSP2S-MW	1.39E-03	2.98E-02	0.00E+00	2.98E-02	0.00E+00	0.00E+00	1.78E-02	1.03E-08	2.44E-04	2.68E-03	0.00E+00	0.00E+00	4.43E-13	9.88E-12	6.16E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.09E-04	3.77E-01	0.00E+00	3.88E-11	5.46E-09	6.89E-04	6.32E-07	4.82E-04	0.00E+00	3.77E-01	1.06E-09	3.77E-01	3.77E-01	4.82E-04	0.00E+00	0.00E+00	0.00E+00	9.80E-05
WBWP115S	2.68E-03	7.71E-02	0.00E+00	7.71E-02	0.00E+00	0.00E+00	4.60E-02	2.65E-08	6.32E-04	6.92E-03	0.00E+00	0.00E+00	1.15E-12	2.55E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-06	2.35E-03	9.75E-01	0.00E+00	1.00E-10	1.41E-08	1.78E-03	1.63E-06	1.25E-03	0.00E+00	9.75E-01	2.75E-09	9.75E-01	9.76E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
WBWP1S	2.68E-03	7.71E-02	0.00E+00	7.71E-02	0.00E+00	0.00E+00	4.60E-02	2.65E-08	6.32E-04	6.92E-03	0.00E+00	0.00E+00	1.15E-12	2.55E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-06	2.35E-03	9.75E-01	0.00E+00	1.00E-10	1.41E-08	1.78E-03	1.63E-06	1.25E-03	0.00E+00	9.75E-01	2.75E-09	9.75E-01	9.76E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
WBWP2S	3.80E-03	1.10E-01	0.00E+00	1.10E-01	0.00E+00	0.00E+00	6.54E-02	3.77E-08	8.97E-04	9.83E-03	0.00E+00	0.00E+00	1.63E-12	3.63E-11	2.26E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-06	3.34E-03	1.38E+00	0.00E+00	1.42E-10	2.00E-08	2.53E-03	2.32E-06	1.77E-03	0.00E+00	1.38E+00	3.91E-09	1.38E+00	1.39E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	3.60E-04
WBWP2SH	3.31E-03	9.53E-02	0.00E+00	9.53E-02	0.00E+00	0.00E+00	5.69E-02	3.28E-08	7.81E-04	8.55E-03	0.00E+00	0.00E+00	1.42E-12	3.16E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.29E-06	2.91E-03	1.20E+00	0.00E+00	1.24E-10	1.74E-08	2.20E-03	2.02E-06	1.54E-03	0.00E+00	1.20E+00	3.40E-09	1.20E+00	1.21E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.13E-04
WBWP2S-W	3.90E-03	1.12E-01	0.00E+00	1.12E-01	0.00E+00	0.00E+00	6.71E-02	3.86E-08	9.20E-04	1.01E-02	0.00E+00	0.00E+00	1.67E-12	3.72E-11	2.32E-04	0.00E+00	0.00E+00	0.00E+00	8.59E-06	3.43E-03	1.42E+00	0.00E+00	1.46E-10	2.06E-08	2.59E-03	2.38E-06	1.82E-03	0.00E+00	1.42E+00	4.01E-09	1.42E+00	1.42E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	3.69E-04
WE100	1.47E-05	9.32E-03	3.81E-08	9.32E-03	1.41E-08	0.00E+00	2.72E-01	3.48E-08	2.67E-06	2.93E-05	0.00E+00	3.90E-05	1.83E-12	3.48E-11	3.30E-04	3.99E-05	0.00E+00	0.00E+00	7.81E-06	8.65E-04	1.65E-01	0.00E+00	1.13E-10	1.26E-10	9.47E-06	6.85E-07	5.22E-04	0.00E+00	1.65E-01	3.32E-09	1.65E-01	1.66E-01	5.22E-04	0.00E+00	0.00E+00	0.00E+00	3.35E-04
WE100A	6.45E-05	1.02E-02	0.00E+00	1.02E-02	0.00E+00	0.00E+00	6.67E-03	3.82E-09	3.02E-05	3.32E-04	0.00E+00	0.00E+00	1.79E-13	3.46E-12	2.48E-05	0.00E+00	0.00E+00	0.00E+00	9.01E-07	3.58E-04	1.42E-01	0.00E+00	1.56E-11	5.25E-10	8.37E-05	2.55E-07	1.90E-04	0.00E+00	1.42E-01	4.01E-10	1.42E-01	1.42E-01	1.90E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-05
WE100G	1.72E-05	1.09E-02	4.46E-08	1.09E-02	1.65E-08	0.00E+00	3.18E-01	4.07E-08	3.12E-06	3.42E-05	0.00E+00	4.56E-05	2.14E-12	4.07E-11	3.85E-04	4.66E-05	0.00E+00	0.00E+00	9.13E-06	1.01E-03	1.93E-01	0.00E+00	1.32E-10	1.48E-10	1.11E-05	8.01E-07	6.10E-04	0.00E+00	1.93E-01	3.89E-09	1.93E-01	1.94E-01	6.10E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-04
WE102	5.97E-05	9.41E-03	0.00E+00	9.41E-03	0.00E+00	0.00E+00	6.17E-03	3.54E-09	2.80E-05	3.07E-04	0.00E+00	0.00E+00	1.66E-13	3.21E-12	2.30E-05	0.00E+00	0.00E+00	0.00E+00	8.33E-07	3.31E-04	1.31E-01	0.00E+00	1.45E-11	4.85E-10	7.74E-05	2.36E-07	1.75E-04	0.00E+00	1.31E-01	3.71E-10	1.31E-01	1.32E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.58E-05
WE102A	5.97E-05	9.41E-03	0.00E+00	9.41E-03	0.00E+00	0.00E+00	6.17E-03	3.54E-09	2.80E-05	3.07E-04	0.00E+00	0.00E+00	1.66E-13	3.21E-12	2.30E-05	0.00E+00	0.00E+00	0.00E+00	8.33E-07	3.31E-04	1.31E-01	0.00E+00	1.45E-11	4.85E-10	7.74E-05	2.36E-07	1.75E-04	0.00E+00	1.31E-01	3.71E-10	1.31E-01	1.32E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.58E-05
WE102G	1.61E-05	1.02E-02	4.17E-08	1.02E-02	1.54E-08	0.00E+00	2.97E-01	3.80E-08	2.92E-06	3.20E-05	0.00E+00	4.26E-05	2.00E-12	3.80E-11	3.60E-04	4.36E-05	0.00E+00	0.00E+00	8.54E-06	9.45E-04	1.81E-01	0.00E+00	1.23E-10	1.38E-10	1.03E-05	7.49E-07	5.70E-04	0.00E+00	1.81E-01	3.63E-09	1.81E-01	1.81E-01	5.70E-04	0.00E+00	0.00E+00	0.00E+00	3.67E-04
WE104	6.94E-05	1.09E-02	4.57E-10	1.09E-02	2.05E-11	0.00E+00	7.07E-03	4.11E-09	3.31E-05	3.58E-04	0.00E+00	0.00E+00	1.91E-13	4.05E-12	2.66E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-06	3.86E-04	1.56E-01	0.00E+00	1.67E-11	5.45E-10	9.34E-05	2.87E-07	2.16E-04	0.00E+00	1.56E-01	4.27E-10	1.56E-01	1.55E-01	2.16E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-05
WE106	6.46E-05	1.02E-02	0.00E+00	1.02E-02	0.00E+00	0.00E+00	6.68E-03	3.83E-09	3.03E-05	3.32E-04	0.00E+00	0.00E+00	1.79E-13	3.47E-12	2.48E-05	0.00E+00	0.00E+00	0.00E+00	9.02E-07	3.58E-04	1.42E-01	0.00E+00	1.56E-11	5.25E-10	8.38E-05	2.55E-07	1.90E-04	0.00E+00	1.42E-01	4.02E-10	1.42E-01	1.43E-01	1.90E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-05
WE106A	6.46E-05	1.02E-02	0.00E+00	1.02E-02	0.00E+00	0.00E+00	6.68E-03	3.83E-09	3.03E-05	3.32E-04	0.00E+00	0.00E+00	1.79E-13	3.47E-12	2.49E-05	0.00E+00	0.00E+00	0.00E+00	9.02E-07	3.58E-04	1.42E-01	0.00E+00	1.56E-11	5.25E-10	8.38E-05	2.55E-07	1.90E-04	0.00E+00	1.42E-01	4.02E-10	1.42E-01	1.43E-01	1.90E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-05
WE106G	7.53E-05	1.19E-02	0.00E+00	1.19E-02	0.00E+00	0.00E+00	7.79E-03	4.46E-09	3.53E-05	3.87E-04	0.00E+00	0.00E+00	2.09E-13	4.04E-12	2.90E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-06	4.18E-04	1.66E-01	0.00E+00	1.82E-11	6.13E-10	9.77E-05	2.97E-07	2.21E-04	0.00E+00	1.66E-01	4.68E-10	1.66E-01	1.66E-01	2.21E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-05
WE122	1.69E-04	2.50E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.64E-02	9.39E-09	7.43E-05	8.15E-04	0.00E+00	0.00E+00	4.40E-13	8.51E-12	6.09E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	8.78E-04	3.49E-01	0.00E+00	3.84E-11	1.29E-09	2.06E-04	6.26E-07	4.66E-04	0.00E+00	3.49E-01	9.85E-10	3.49E-01	3.50E-01	4.66E-04	0.00E+00	0.00E+00	0.00E+00	9.50E-05
WE122A	1.69E-04	2.50E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.64E-02	9.39E-09	7.43E-05	8.15E-04	0.00E+00	0.00E+00	4.40E-13	8.51E-12	6.09E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	8.78E-04	3.49E-01	0.00E+00	3.84E-11	1.29E-09	2.06E-04	6.26E-07	4.66E-04	0.00E+00	3.49E-01	9.85E-10	3.49E-01	3.50E-01	4.66E-04	0.00E+00	0.00E+00	0.00E+00	9.50E-05
WE123	2.61E-04	3.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.53E-02	1.45E-08	1.15E-04	1.26E-03	0.00E+00	0.00E+00	6.78E-13	1.31E-11	9.40E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.36E-03	5.39E-01	0.00E+00	5.92E-11	1.99E-09	3.17E-04	9.65E-07	7.19E-04	0.00E+00	5.39E-01	1.52E-09	5.39E-01	5.39E-01	7.19E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
WE123A	2.63E-04	3.89E-02	0.00E+00	3.89E-02	0.00E+00	0.00E+00	2.55E-02	1.46E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.85E-13	1.32E-11	9.49E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	1.37E-03	5.43E-01	0.00E+00	5.97E-11	2.01E-09	3.20E-04	9.74E-07	7.25E-04	0.00E+00	5.43E-01	1.53E-09	5.43E-01	5.44E-01	7.25E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
WFCC50NBSB	3.12E-03	6.99E-02	4.57E-10	6.94E-02	2.05E-11	0.00E+00	4.72E-02	2.60E-08	5.53E-04	5.83E-03	0.00E+00	0.00E+00	1.20E-12	2.58E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	6.37E-06	2.72E-03	1.03E+00	0.00E+00	1.11E-10	1.24E-08	1.47E-03	1.76E-06	1.40E-03	0.00E+00	1.03E+00	2.86E-09	1.03E+00	9.23E-01	1.40E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
WFCC50NBSW	3.34E-03	6.71E-02	4.57E-10	6.71E-02	2.05E-11	0.00E+00	4.93E-02	2.52E-08	6.50E-04	6.69E-03	0.00E+00	0.00E+00	1.21E-12	2.53E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	6.29E-06	2.79E-03	9.63E-01	0.00E+00	1.08E-10	1.44E-08	1.73E-03	1.83E-06	1.41E-03	0.00E+00	9.63E-01	2.84E-09	9.63E-01	8.99E-01	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
WFS51BSB	1.67E-03	3.38E-02	4.57E-10	3.27E-02	2.05E-11	0.00E+00	2.05E-02	1.23E-08	3.12E-04	3.95E-03	0.00E+00	0.00E+00	5.45E-13	1.20E-11	7.53E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.12E-03	4.31E-01	0.00E+00	4.37E-11	7.96E-09	8.85E-04	7.27E-07	5.51E-04	0.00E+00	4.31E-01	1.27E-09	4.31E-01	4.25E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04

WFS51BSW	7.61E-04	3.29E-02	4.57E-10	3.19E-02	2.05E-11	0.00E+00	2.00E-02	1.19E-08	2.89E-04	3.29E-03	0.00E+00	0.00E+00	5.25E-13	1.12E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.10E-03	4.21E-01	0.00E+00	4.37E-11	6.99E-09	7.95E-04	6.99E-07	5.29E-04	0.00E+00	4.21E-01	1.20E-09	4.21E-01	4.16E-01	5.29E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
WFSS81BSB	1.68E-03	3.51E-02	4.57E-10	3.50E-02	2.05E-11	0.00E+00	2.29E-02	1.33E-08	3.71E-04	4.08E-03	0.00E+00	0.00E+00	5.88E-13	1.33E-11	8.08E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	1.24E-03	4.73E-01	0.00E+00	4.60E-11	9.31E-09	1.10E-03	8.12E-07	6.32E-04	0.00E+00	4.73E-01	1.39E-09	4.73E-01	4.69E-01	6.32E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
WFSS81BSW	2.12E-03	3.66E-02	4.57E-10	3.63E-02	2.05E-11	0.00E+00	2.41E-02	1.40E-08	4.71E-04	4.89E-03	0.00E+00	0.00E+00	6.13E-13	1.35E-11	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.29E-03	4.98E-01	0.00E+00	5.34E-11	1.12E-08	1.35E-03	9.77E-07	6.66E-04	0.00E+00	4.98E-01	1.46E-09	4.98E-01	5.01E-01	6.66E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
WFSS81PSW	1.68E-03	3.52E-02	4.57E-10	3.49E-02	2.05E-11	0.00E+00	2.24E-02	1.33E-08	3.70E-04	4.08E-03	0.00E+00	0.00E+00	5.75E-13	1.33E-11	7.92E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.16E-03	4.52E-01	0.00E+00	4.54E-11	9.30E-09	1.10E-03	7.53E-07	5.68E-04	0.00E+00	4.52E-01	1.33E-09	4.52E-01	4.49E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WFSS82BSB	3.48E-03	6.95E-02	4.57E-10	6.89E-02	2.05E-11	0.00E+00	4.51E-02	2.55E-08	6.16E-04	6.56E-03	0.00E+00	0.00E+00	1.15E-12	2.45E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	6.02E-06	2.63E-03	1.00E+00	0.00E+00	1.10E-10	1.35E-08	1.73E-03	1.73E-06	1.39E-03	0.00E+00	1.00E+00	2.82E-09	1.00E+00	9.35E-01	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
WFSS82BSW	3.48E-03	6.94E-02	4.57E-10	6.87E-02	2.05E-11	0.00E+00	4.41E-02	2.48E-08	5.98E-04	6.18E-03	0.00E+00	0.00E+00	1.13E-12	2.40E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.89E-06	2.61E-03	9.90E-01	0.00E+00	1.06E-10	1.31E-08	1.68E-03	1.71E-06	1.37E-03	0.00E+00	9.90E-01	2.80E-09	9.90E-01	9.16E-01	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
WFSS82PSB	3.19E-03	6.76E-02	4.57E-10	6.71E-02	2.05E-11	0.00E+00	4.34E-02	2.52E-08	5.39E-04	5.87E-03	0.00E+00	0.00E+00	1.13E-12	2.39E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.96E-06	2.60E-03	8.21E-01	0.00E+00	1.04E-10	1.18E-08	1.49E-03	1.72E-06	1.34E-03	0.00E+00	8.21E-01	2.80E-09	8.21E-01	7.53E-01	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
WFSS82PSW	3.47E-03	6.94E-02	4.57E-10	6.87E-02	2.05E-11	0.00E+00	4.41E-02	2.48E-08	5.98E-04	6.18E-03	0.00E+00	0.00E+00	1.13E-12	2.40E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.89E-06	2.61E-03	9.90E-01	0.00E+00	1.06E-10	1.31E-08	1.68E-03	1.71E-06	1.37E-03	0.00E+00	9.90E-01	2.80E-09	9.90E-01	9.16E-01	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
WGCS113S	7.85E-04	2.72E-02	4.57E-10	2.70E-02	2.05E-11	0.00E+00	1.66E-02	9.34E-09	2.18E-04	2.54E-03	0.00E+00	0.00E+00	3.66E-13	9.05E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.25E-04	3.42E-01	0.00E+00	3.59E-11	4.89E-09	6.10E-04	5.68E-07	4.45E-04	0.00E+00	3.42E-01	9.36E-10	3.42E-01	3.37E-01	4.45E-04	0.00E+00	0.00E+00	0.00E+00	9.06E-05
WGCS115S	1.42E-03	2.46E-02	4.57E-10	2.46E-02	2.05E-11	0.00E+00	1.57E-02	8.65E-09	1.51E-04	2.86E-03	0.00E+00	0.00E+00	3.75E-13	8.67E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	7.84E-04	3.21E-01	0.00E+00	3.57E-11	3.28E-09	4.51E-04	5.87E-07	4.36E-04	0.00E+00	3.21E-01	8.93E-10	3.21E-01	3.17E-01	4.36E-04	0.00E+00	0.00E+00	0.00E+00	9.64E-05
WGCS116EA	1.06E-03	2.63E-02	4.57E-10	2.63E-02	2.05E-11	0.00E+00	1.65E-02	9.27E-09	2.38E-04	2.61E-03	0.00E+00	0.00E+00	4.09E-13	9.17E-12	5.75E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-06	8.34E-04	3.54E-01	0.00E+00	3.58E-11	5.30E-09	6.56E-04	5.40E-07	4.32E-04	0.00E+00	3.54E-01	9.80E-10	3.54E-01	3.54E-01	4.32E-04	0.00E+00	0.00E+00	0.00E+00	9.07E-05
WGCS116S	1.50E-03	2.51E-02	4.57E-10	2.50E-02	2.05E-11	0.00E+00	1.59E-02	8.46E-09	2.84E-04	3.23E-03	0.00E+00	0.00E+00	4.07E-13	8.96E-12	5.63E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	8.37E-04	3.54E-01	0.00E+00	3.49E-11	6.46E-09	7.78E-04	5.39E-07	4.34E-04	0.00E+00	3.54E-01	9.91E-10	3.54E-01	3.51E-01	4.34E-04	0.00E+00	0.00E+00	0.00E+00	8.73E-05
WGCS216EA	1.10E-03	2.64E-02	4.57E-10	2.65E-02	2.05E-11	0.00E+00	1.64E-02	9.48E-09	2.04E-04	2.26E-03	0.00E+00	0.00E+00	4.21E-13	8.84E-12	5.71E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	8.35E-04	3.50E-01	0.00E+00	3.57E-11	4.08E-09	4.29E-04	5.95E-07	4.37E-04	0.00E+00	3.50E-01	9.57E-10	3.50E-01	3.49E-01	4.37E-04	0.00E+00	0.00E+00	0.00E+00	8.87E-05
WGCS216UI	1.49E-03	3.49E-02	4.57E-10	3.45E-02	2.05E-11	0.00E+00	2.02E-02	1.14E-08	2.93E-04	3.21E-03	0.00E+00	0.00E+00	5.01E-13	1.15E-11	6.97E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	1.09E-03	4.35E-01	0.00E+00	4.28E-11	6.83E-09	8.49E-04	7.22E-07	5.31E-04	0.00E+00	4.35E-01	1.22E-09	4.35E-01	4.15E-01	5.31E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04
WGCXS113SKB	8.63E-04	2.34E-02	4.57E-10	2.33E-02	2.05E-11	0.00E+00	1.42E-02	8.02E-09	2.10E-04	2.55E-03	0.00E+00	0.00E+00	2.84E-13	6.55E-12	4.15E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	5.43E-04	2.83E-01	0.00E+00	2.78E-11	4.86E-09	5.97E-04	4.18E-07	3.16E-04	0.00E+00	2.83E-01	8.11E-10	2.83E-01	2.88E-01	3.16E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
WGCXS115SNB	1.32E-03	2.31E-02	4.57E-10	2.29E-02	2.05E-11	0.00E+00	1.48E-02	8.10E-09	1.35E-04	2.84E-03	0.00E+00	0.00E+00	3.46E-13	8.31E-12	5.02E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.30E-04	3.03E-01	0.00E+00	3.33E-11	3.02E-09	4.16E-04	5.00E-07	3.98E-04	0.00E+00	3.03E-01	8.51E-10	3.03E-01	2.95E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	9.17E-05
WGCXS116EAKB	1.05E-03	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.22E-02	7.17E-09	2.33E-04	2.64E-03	0.00E+00	0.00E+00	2.70E-13	5.49E-12	3.83E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.07E-04	2.60E-01	0.00E+00	2.42E-11	5.24E-09	6.44E-04	3.82E-07	2.83E-04	0.00E+00	2.60E-01	7.55E-10	2.60E-01	2.61E-01	2.83E-04	0.00E+00	0.00E+00	0.00E+00	6.32E-05
WGCXS116EANB	1.05E-03	2.13E-02	4.57E-10	2.13E-02	2.05E-11	0.00E+00	1.22E-02	7.11E-09	2.33E-04	2.64E-03	0.00E+00	0.00E+00	2.70E-13	5.49E-12	3.83E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.07E-04	2.58E-01	0.00E+00	2.42E-11	5.24E-09	6.45E-04	3.80E-07	2.83E-04	0.00E+00	2.58E-01	7.51E-10	2.58E-01	2.57E-01	2.83E-04	0.00E+00	0.00E+00	0.00E+00	6.29E-05
WGCXS116ISKB	1.07E-03	2.41E-02	4.57E-10	2.46E-02	2.05E-11	0.00E+00	1.48E-02	8.38E-09	1.66E-04	1.84E-03	0.00E+00	0.00E+00	3.97E-13	8.38E-12	5.02E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	7.54E-04	3.16E-01	0.00E+00	3.28E-11	3.19E-09	3.93E-04	5.52E-07	4.07E-04	0.00E+00	3.16E-01	8.98E-10	3.16E-01	3.19E-01	4.07E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-05
WGCXS116ISNB	1.07E-03	2.40E-02	4.57E-10	2.44E-02	2.05E-11	0.00E+00	1.47E-02	8.43E-09	1.66E-04	1.84E-03	0.00E+00	0.00E+00	3.95E-13	8.43E-12	4.97E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	7.55E-04	3.15E-01	0.00E+00	3.26E-11	3.19E-09	3.92E-04	5.46E-07	4.03E-04	0.00E+00	3.15E-01	8.84E-10	3.15E-01	3.17E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-05
WGCXS116SKB	1.49E-03	2.10E-02	4.57E-10	2.06E-02	2.05E-11	0.00E+00	1.30E-02	7.06E-09	2.74E-04	3.13E-03	0.00E+00	0.00E+00	2.69E-13	5.92E-12	3.81E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-06	5.13E-04	2.73E-01	0.00E+00	2.50E-11	6.29E-09	7.62E-04	3.90E-07	3.01E-04	0.00E+00	2.73E-01	7.29E-10	2.73E-01	2.82E-01	3.01E-04	0.00E+00	0.00E+00	0.00E+00	6.10E-05
WGCXS116SNB	1.96E-03	3.21E-02	4.57E-10	3.22E-02	2.05E-11	0.00E+00	1.82E-02	1.03E-08	3.90E-04	4.26E-03	0.00E+00	0.00E+00	4.55E-13	1.02E-11	6.22E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.25E-04	3.86E-01	0.00E+00	3.86E-11	8.89E-09	1.05E-03	6.26E-07	4.60E-04	0.00E+00	3.86E-01	1.10E-09	3.86E-01	3.79E-01	4.60E-04	0.00E+00	0.00E+00	0.00E+00	9.77E-05
WGCXS216EAKB	1.04E-03	2.55E-02	4.57E-10	2.53E-02	2.05E-11	0.00E+00	1.60E-02	8.97E-09	1.97E-04	2.23E-03	0.00E+00	0.00E+00	4.16E-13	8.66E-12	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.10E-04	3.38E-01	0.00E+00	3.44E-11	3.82E-09	3.90E-04	5.30E-07	4.01E-04	0.00E+00	3.38E-01	9.12E-10	3.38E-01	3.33E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	8.60E-05
WGCXS216EANB	1.04E-03	2.55E-02	4.57E-10	2.53E-02	2.05E-11	0.00E+00	1.60E-02	8.97E-09	1.97E-04	2.23E-03	0.00E+00	0.00E+00	4.16E-13	8.66E-12	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.10E-04	3.38E-01	0.00E+00	3.44E-11	3.82E-09	3.90E-04	5.30E-07	4.01E-04	0.00E+00	3.38E-01	9.12E-10	3.38E-01	3.33E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	8.60E-05
WGDS110USIG	1.43E-03	2.60E-02	4.57E-10	2.56E-02	2.05E-11	0.00E+00	1.51E-02	9.07E-09	2.71E-04	3.34E-03	0.00E+00	0.00E+00	3.62E-13	8.33E-12	5.68E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	8.18E-04	3.26E-01	0.00E+00	3.36E-11	5.83E-09	6.63E-04	5.23E-07	4.06E-04	0.00E+00	3.26E-01	8.94E-10	3.26E-01	3.20E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	9.30E-05
WGDS110USKB	1.43E-03	2.60E-02	4.57E-10	2.56E-02	2.05E-11	0.00E+00	1.51E-02	9.07E-09	2.71E-04	3.34E-03	0.00E+00	0.00E+00	3.62E-13	8.33E-12	5.68E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	8.18E-04	3.26E-01	0.00E+00	3.36E-11	5.83E-09	6.63E-04	5.23E-07	4.06E-04	0.00E+00	3.26E-01	8.94E-10	3.26E-01	3.20E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	9.30E-05
WGDS113S	9.87E-04	2.79E-02	4.57E-10	2.79E-02	2.05E-11	0.00E+00	1.67E-02	9.48E-09	2.30E-04	2.61E-03	0.00E+00	0.00E+00	4.16E-13	9.37E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	8.57E-04	3.54E-01	0.00E+00	3.62E-11	5.20E-09	6.41E-04	5.76E-07	4.43E-04	0.00E+00	3.54E-01	9.79E-10	3.54E-01	3.53E-01	4.43E-04	0.00E+00	0.00E+00	0.00E+00	9.29E-05
WGDS113SIG	1.11E-03	2.84E-02	4.57E-10	2.84E-02	2.05E-11	0.00E+00	1.72E-02	9.63E-09	2.37E-04	2.64E-03	0.00E+00	0.00E+00	4.24E-13	9.60E-12	5.89E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	8.68E-04	3.62E-01	0.00E+00	3.70E-11	5.37E-09	6.59E-04	5.87E-07	4.50E-04	0.00E+00	3.62E-01	9.93E-10	3.62E-01	3.59E-01	4.50E-04	0.00E+00	0.00E+00	0.00E+00	9.47E-05
WGDS113SNB	1.11E-03	2.90E-02	4.57E-10	2.89E-02	2.05E-11	0.00E+00	1.73E-02	9.71E-09	2.43E-04	2.76E-03	0.00E+00	0.00E+00	4.24E-13	9.79E-12	5.96E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	8.83E-04	3.71E-01	0.00E+00	3.73E-11	5.49E-09	6.67E-04	5.94E-07	4.56E-04	0.00E+00	3.71E-01	1.00E-09	3.71E-01	3.67E-01	4.56E-04	0.00E+00	0.00E+00	0.00E+00	9.51E-05
WGDS115S	1.59E-03	3.12E-02	4.57E-10	3.07E-02	2.05E-11	0.00E+00	1.79E-02	1.02E-08	2.23E-04	3.41E-03	0.00E+00	0.00E+00	4.55E-13	9.46E-12	5.95E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	8.23E-04	3.52E-01	0.00E+00	3.62E-11	5.21E-09	6.52E-04	6.11E-07	4.29E-04	0.00E+00	3.52E-01	1.06E-09	3.52E-01	3.49E-01	4.29E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
WGDS115SEG	1.59E-03	3.02E-02	4.57E-10	3.00E-02	2.05E-11	0.00E+00	1.70E-02	9.91E-09	2.18E-04	3.31E-03	0.00E+00	0.00E+00	4.49E-13	8.88E-12	5.71E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	8.19E-04	3.42E-01	0.00E+00	3.62E-11	5.07E-09	6.42E-04	6.04E-07	4.28E-04	0.00E+00	3.42E-01	9.80E-10	3.42E-01	3.29E-01	4.28E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-04
WGDS115SIG	1.59E-03	3.02E-02	4.57E-10	3.00E-02	2.05E-11	0.00E+00	1.70E-02	9.91E-09	2.18E-04	3.31E-03	0.00E+00	0.00E+00	4.49E-13	8.88E-12	5.71E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	8.19E-04	3.42E-01	0.00E+00	3.62E-11	5.07E-09	6.42E-04	6.04E-07	4.28E-04	0.00E+00	3.42E-01	9.80E-10	3.42E-01	3.29E-01	4.28E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-04
WGDS115SKB	1.59E-03	3.02E-02	4.57E-10	3.00E-02	2.05E-11	0.00E+00	1.70E-02	9.91E-09	2.18E-04	3.31E-03	0.00E+00	0.00E+00	4.49E-13	8.88E-12	5.71E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	8.19E-04	3.42E-01	0.00E+00	3.62E-11	5.07E-09	6.42E-04	6.04E-07	4.28E-04	0.00E+00	3.42E-01	9.80E-10	3.42E-01	3.29E-01	4.28E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-04
WGDS116EA	1.27E-03	2.60E-02	4.57E-10	2.61E-02	2.05E-11	0.00E+00	1.53E-02	9.04E-09	2.47E-04	2.81E-03	0.00E+00	0.00E+00	4.17E-13	8.45E-12	5.80E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	9.22E-04	3.48E-01	0.00E+00	3.43E-11	5.40E-09	6.48E-04	7.33E-07	5.45E-04	0.00E+00	3.48E-01	9.39E-10	3.48E-01	3.43E-01	5.45E-04	0.00E+00	0.00E+00	0.00E+00	9.41E-05
WGDS116EAEG	1.27E-03	2.60E-02	4.57E-10	2.60E-02	2.05E-11	0.00E+00	1.53E-02	9.05E-09	2.47E-04	2.81E-03	0.00E+00	0.00E+00	4.16E-13	8.43E-12	5.80E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	9.21E-04	3.48E-01	0.00E+00	3.43E-11	5.42E-09	6.47E-04	6.51E-07	5.45E-04	0.00E+00	3.48E-01	9.37E-10	3.48E-01	3.43E-01	5.45E-04	0.00E+00	0.00E+00	0.00E+00	9.39E-05
WGDS116EAIG	1.27E-03	2.60E-02	4.57E-10	2.61E-02	2.05E-11	0.00E+00	1.53E-02	9.09E-09	2.47E-04	2.81E-03	0.00E+00	0.00E+00	4.17E-13	8.44E-12	5.85E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	8.75E-04	3.48E-01	0.00E+00	3.43E-11	5.43E-09	6.47E-04	5.81E-07	4.41E-04	0.00E+00	3.48E-01	9.47E-10	3.48E-01	3.43E-01	4.41E-04	0.00E+00	0.00E+00	0.00E+00	9.40E-05
WGDS116EAKB	1.27E-03	2.60E-02	4.57E-10	2.61E-02	2.05E-11	0.00E+00	1.53E-02	9.09E-09	2.48E-04	2.82E-03	0.00E+00	0.00E+00	4.18E-13	8.44E-12	5.85E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	8.75E-04	3.48E-01	0.00E+00	3.45E-11	5.43E-09	6.48E-04	5.79E-07	4.38E-04	0.00E+00	3.48E-01	9.47E-10	3.48E-01	3.43E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	9.43E-05
WGDS116EANB	1.31E-03	2.61E-02	4.57E-10	2.63E-02	2.05E-11	0.00E+00	1.54E-02	9.19E-09	2.50E-04	2.86E-03	0.00E+00	0.00E+00	4.21E-13	8.45E-12	5.89E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	8.75E-04	3.49E-01	0.00E+00	3.47E-11	5.53E-09	6.69E-04	5.82E-07	4.39E-04	0.00E+00	3.49E-01	9.55E-10	3.49E-01	3.43E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	9.49E-05
WGDS116S	1.49E-03	2.57E-02	4.57E-10	2.56E-02	2.05E-11	0.00E+00	1.61E-02	8.76E-09	2.81E-04	3.28E-03	0.00E+00	0.00E+00	4.16E-13	9.16E-12	5.70E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.52E-04	3.59E-01	0.00E+00	3.57E-11	6.43E-09	7.68E-04	5.78E-07	4.48E-04	0.00E+00	3.59E-01	9.98E-10	3.59E-01	3.56E-01	4.48E-04	0.00E+00	0.00E+00	0.00E+00	9.00E-05
WGDS116SEG	9.73E-04	2.31E-02	4.57E-10	2.32E-02	2.05E-11	0.00E+00	1.41E-02	8.04E-09	2.38E-04	2.82E-03	0.00E+00	0.00E+00	3.40E-13	7.40E-12	5.37E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	8.12E-04	3.06E-01	0.00E+00	3.30E-11	5.16E-09	6.32E-04	5.28E-07	4.09E-04	0.00E+00	3.06E-01	8.54E-10	3.06E-01	3.01E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.51E-05
WGDS116SIG	9.72E-04	2.31E-02	4.57E-10	2.32E-02	2.05E-11	0.00E+00	1.41E-02	8.04E-09	2.39E-04	2.82E-03	0.00E+00	0.00E+00	3.40E-13	7.40E-12	5.37E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	8.11E-04	3.06E-01	0.00E+00	3.30E-11	5.17E-09	6.35E-04	5.28E-07	4.08E-04	0.00E+00	3.06E-01	8.54E-10	3.06E-01	3.01E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.51E-05
WGDS116SKB	9.73E-04	2.31E-02	4.57E-10	2.32E-02	2.05E-11	0.00E+00	1.41E-02	8.04E-09	2.38E-04	2.82E-03	0.00E+00	0.00E+00	3.40E-13	7.40E-12	5.37E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	8.12E-04	3.06E-01	0.00E+00	3.30E-11	5.16E-09	6.32E-04	5.28E-07	4.09E-04	0.00E+00	3.06E-01	8.54E-10	3.06E-01	3.01E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.51E-05
WGDS116SNB	9.72E-04	2.31E-02	4.57E-10	2.32E-02	2.05E-11	0.00E+00	1.41E-02	8.04E-09	2.38E-04	2.82E-03	0.00E+00	0.00E+00	3.40E-13	7.40E-12	5.37E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	8.11E-04	3.06E-01	0.00E+00	3.30E-11	5.16E-09	6.32E-04	5.28E-07	4.08E-04	0.00E+00	3.06E-01	8.54E-10	3.06E-01	3.01E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.51E-05
WGDS216IS	1.68E-03	4.71E-02	4.57E-10	4.70E-02	2.05E-11	0.00E+00	3.33E-02	1.91E-08	2.61E-04	2.71E-03	0.00E+00	0.00E+00	7.76E-13	1.64E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-06	1.59E-03	7.01E-01	0.00E+00	6.92E-11	5.43E-09	6.36E-04	1.12E-06	9.38E-04	0.00E+00	7.01E-01	1.77E-09	7.01E-01	6.62E-01	9.38E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
WGDS216ISEG	1.68E-03	4.53E-02	4.57E-10	4.55E-02	2.05E-11	0.00E+00	3.24E-02	1.88E-08	2.61E-04	2.71E-03	0.00E+00	0.00E+00	7.48E-13	1.64E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.81E-06	1.58E-03	6.01E-01	0.00E+00	6.52E-11	5.37E-09	6.34E-04	1.09E-06	8.38E-04	0.00E+00	6.01E-01	1.70E-09	6.01E-01	5.83E-01	8.38E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
WGDS216ISIG	1.68E-03	4.53E-02	4.57E-10	4.55E-02	2.05E-11	0.00E+00	3.24E-02	1.88E-08	2.61E-04	2.71E-03	0.00E+00	0.00E+00	7.48E-13	1.64E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.81E-06	1.58E-03	6.01E-01	0.00E+00	6.52E-11	5.37E-09	6.34E-04	1.09E-06	8.38E-04	0.00E+00	6.01E-01	1.70E-09	6.01E-01	5.83E-01	8.38E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
WGDS216ISKB	1.68E-03	4.53E-02	4.57E-10	4.55E-02	2.05E-11	0.00E+00	3.24E-02	1.88E-08	2.61E-04	2.71E-03	0.00E+00	0.00E+00	7.48E-13	1.64E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.81E-06	1.58E-03	6.01E-01	0.00E+00	6.52E-11	5.37E-09	6.34E-04	1.09E-06	8.38E-04	0.00E+00	6.01E-01	1.70E-09	6.01E-01	5.83E-01	8.38E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
WGDS216ISNB	1.68E-03	4.54E-02	4.57E-10	4.55E-02	2.05E-11	0.00E+00	3.18E-02	1.87E-08	2.61E-04	2.71E-03	0.00E+00	0.00E+00	7.44E-13	1.65E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.55E-03	5.99E-01	0.00E+00	6.52E-11	5.37E-09	6.34E-04	1.09E-06	7.40E-04	0.00E+00	5.99E-01	1.70E-09	5.99E-01	5.81E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
WGMS110US	1.07E-03	2.53E-02	4.57E-10	2.50E-02	2.05E-11	0.00E+00	1.49E-02	8.91E-09	2.67E-04	3.01E-03	0.00E+00	0.00E+00	3.39E-13	7.51E-12	5.58E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.92E-04	3.05E-01	0.00E+00	3.33E-11	5.56E-09	6.49E-04	5.03E-07	3.97E-04	0.00E+00	3.05E-01	8.68E-10	3.05E-01	2.97E-01	3.97E-04	0.00E+00	0.00E+00	0.00E+00	8.62E-05
WGMS113S	7.76E-04	2.61E-02	4.57E-10	2.61E-02	2.05E-11	0.00E+00	1.60E-02	9.28E-09	2.15E-04	2.50E-03	0.00E+00	0.00E+00	3.58E-13	8.51E-12	5.54E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	7.71E-04	3.33E-01	0.00E+00	3.52E-11	4.82E-09	5.97E-04	5.27E-07	4.22E-04	0.00E+00	3.33E-01	9.28E-10	3.33E-01	3.29E-01	4.22E-04	0.00E+00	0.00E+00	0.00E+00	8.59E-05
WGMS113SAS	7.73E-04	2.61E-02	4.57E-10	2.61E-02	2.05E-11	0.00E+00	1.60E-02	9.27E-09	2.13E-04	2.49E-03	0.00E+00	0.00E+00	3.58E-13	8.54E-12	5.55E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	7.85E-04	3.33E-01	0.00E+00	3.52E-11	4.80E-09	5.93E-04	5.33E-07	4.24E-04	0.00E+00	3.33E-01	9.28E-10	3.33E-01	3.29E-01	4.24E-04	0.00E+00	0.00E+00	0.00E+00	8.64E-05
WGMS113SKB	7.73E-04	2.61E-02	4.57E-10	2.61E-02	2.05E-11	0.00E+00	1.60E-02	9.27E-09	2.13E-04	2.49E-03	0.00E+00	0.00E+00	3.58E-13	8.54E-12	5.55E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	7.85E-04	3.33E-01	0.00E+00	3.52E-11	4.80E-09	5.93E-04	5.32E-07	4.24E-04	0.00E+00	3.33E-01	9.27E-10	3.33E-01	3.29E-01	4.24E-04	0.00E+00	0.00E+00	0.00E+00	8.64E-05
WGMS115S	1.55E-03	2.34E-02	4.57E-10	2.33E-02	2.05E-11	0.00E+00	1.46E-02	8.52E-09	1.44E-04	3.03E-03	0.00E+00	0.00E+00	3.73E-13	7.94E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.70E-04	3.06E-01	0.00E+00	3.48E-11	3.20E-09	4.13E-04	5.66E-07	4.15E-04	0.00E+00	3.06E-01	8.49E-10	3.06E-01	2.99E-01	4.15E-04	0.00E+00	0.00E+00	0.00E+00	9.70E-05
WGMS115SKB	1.56E-03	2.34E-02	4.57E-10	2.33E-02	2.05E-11	0.00E+00	1.46E-02	8.50E-09	1.44E-04	3.05E-03	0.00E+00	0.00E+00	3.73E-13	7.94E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.70E-04	3.06E-01	0.00E+00	3.48E-11	3.20E-09	4.13E-04	5.66E-07	4.14E-04	0.00E+00	3.06E-01	8.49E-10	3.06E-01	2.98E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	9.70E-05
WGMS116EA	6.87E-04	2.31E-02	4.57E-10	2.31E-02	2.05E-11	0.00E+00	1.37E-02	8.47E-09	2.03E-04	2.24E-03	0.00E+00	0.00E+00	3.24E-13	6.99E-12	5.27E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.38E-04	2.86E-01	0.00E+00	3.15E-11	4.49E-09	5.50E-04	4.74E-07	3.72E-04	0.00E+00	2.86E-01	8.26E-10	2.86E-01	2.81E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	8.21E-05
WGMS116EAAS	7.31E-04	2.35E-02	4.57E-10	2.36E-02	2.05E-11	0.00E+00	1.40E-02	8.52E-09	2.07E-04	2.30E-03	0.00E+00	0.00E+00	3.28E-13	7.16E-12	5.43E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.64E-04	2.93E-01	0.00E+00	3.25E-11	4.59E-09	5.66E-04	4.83E-07	3.79E-04	0.00E+00	2.93E-01	8.31E-10	2.93E-01	2.86E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	8.43E-05
WGMS116EAKB	1.07E-03	2.45E-02	4.57E-10	2.46E-02	2.05E-11	0.00E+00	1.46E-02	8.69E-09	2.38E-04	2.62E-03	0.00E+00	0.00E+00	3.93E-13	7.83E-12	5.56E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.82E-04	3.27E-01	0.00E+00	3.25E-11	5.28E-09	6.34E-04	4.90E-07	3.84E-04	0.00E+00	3.27E-01	8.93E-10	3.27E-01	3.21E-01	3.84E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-05
WGMS116ISAS	6.10E-04	2.25E-02	4.57E-10	2.28E-02	2.05E-11	0.00E+00	1.36E-02	8.14E-09	1.09E-04	1.37E-03	0.00E+00	0.00E+00	3.48E-13	7.23E-12	5.02E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.48E-04	2.85E-01	0.00E+00	3.24E-11	2.24E-09	2.87E-04	5.48E-07	3.95E-04	0.00E+00	2.85E-01	8.30E-10	2.85E-01	2.82E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	8.48E-05
WGMS116ISKB	6.14E-04	2.25E-02	4.57E-10	2.28E-02	2.05E-11	0.00E+00	1.36E-02	8.23E-09	1.09E-04	1.37E-03	0.00E+00	0.00E+00	3.55E-13	7.26E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.49E-04	2.85E-01	0.00E+00	3.28E-11	2.24E-09	2.88E-04	5.49E-07	3.96E-04	0.00E+00	2.85E-01	8.38E-10	2.85E-01	2.82E-01	3.96E-04	0.00E+00	0.00E+00	0.00E+00	8.47E-05
WGMS116S	1.50E-03	2.44E-02	4.57E-10	2.41E-02	2.05E-11	0.00E+00	1.58E-02	8.43E-09	2.78E-04	3.09E-03	0.00E+00	0.00E+00	4.03E-13	8.69E-12	5.52E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	8.05E-04	3.45E-01	0.00E+00	3.46E-11	6.36E-09	7.71E-04	5.17E-07	4.16E-04	0.00E+00	3.45E-01	9.85E-10	3.45E-01	3.44E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
WGMS116SKB	1.50E-03	2.43E-02	4.57E-10	2.41E-02	2.05E-11	0.00E+00	1.58E-02	8.42E-09	2.78E-04	3.09E-03	0.00E+00	0.00E+00	4.03E-13	8.69E-12	5.51E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	8.05E-04	3.45E-01	0.00E+00	3.46E-11	6.35E-09	7.75E-04	5.15E-07	4.14E-04	0.00E+00	3.45E-01	9.86E-10	3.45E-01	3.44E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.56E-05
WGMS213S	1.58E-03	4.09E-02	4.57E-10	4.09E-02	2.05E-11	0.00E+00	2.56E-02	1.51E-08	3.45E-04	4.10E-03	0.00E+00	0.00E+00	6.48E-13	1.49E-11	8.55E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.28E-03	5.17E-01	0.00E+00	5.17E-11	7.87E-09	9.82E-04	8.82E-07	6.31E-04	0.00E+00	5.17E-01	1.53E-09	5.17E-01	5.02E-01	6.31E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
WGMS216EA	5.95E-04	2.37E-02	4.57E-10	2.38E-02	2.05E-11	0.00E+00	1.46E-02	8.62E-09	1.60E-04	1.88E-03	0.00E+00	0.00E+00	3.51E-13	7.19E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.90E-04	2.97E-01	0.00E+00	3.27E-11	3.02E-09	2.95E-04	5.49E-07	4.05E-04	0.00E+00	2.97E-01	8.14E-10	2.97E-01	2.90E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
WGMS216EAAS	6.06E-04	2.41E-02	4.57E-10	2.40E-02	2.05E-11	0.00E+00	1.49E-02	8.69E-09	1.61E-04	1.89E-03	0.00E+00	0.00E+00	3.56E-13	7.30E-12	5.51E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.99E-04	3.00E-01	0.00E+00	3.34E-11	3.04E-09	3.00E-04	5.54E-07	4.07E-04	0.00E+00	3.00E-01	8.22E-10	3.00E-01	2.91E-01	4.07E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
WGMS216EAKB	6.06E-04	2.41E-02	4.57E-10	2.40E-02	2.05E-11	0.00E+00	1.49E-02	8.73E-09	1.61E-04	1.89E-03	0.00E+00	0.00E+00	3.56E-13	7.31E-12	5.51E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.99E-04	3.00E-01	0.00E+00	3.34E-11	3.04E-09	3.01E-04	5.54E-07	4.07E-04	0.00E+00	3.00E-01	8.24E-10	3.00E-01	2.91E-01	4.07E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
WGMS216IS	1.60E-03	4.33E-02	4.57E-10	4.31E-02	2.05E-11	0.00E+00	2.68E-02	1.51E-08	2.56E-04	2.65E-03	0.00E+00	0.00E+00	7.15E-13	1.50E-11	9.64E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.38E-03	5.74E-01	0.00E+00	6.20E-11	5.26E-09	6.18E-04	1.01E-06	7.23E-04	0.00E+00	5.74E-01	1.65E-09	5.74E-01	5.73E-01	7.23E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
WGMS216ISKB	1.61E-03	4.34E-02	4.57E-10	4.31E-02	2.05E-11	0.00E+00	2.69E-02	1.51E-08	2.56E-04	2.65E-03	0.00E+00	0.00E+00	7.14E-13	1.51E-11	9.62E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.38E-03	5.76E-01	0.00E+00	6.25E-11	5.24E-09	6.18E-04	1.01E-06	7.24E-04	0.00E+00	5.76E-01	1.64E-09	5.76E-01	5.73E-01	7.24E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
WGMS216UI	8.94E-04	3.16E-02	4.57E-10	3.11E-02	2.05E-11	0.00E+00	1.84E-02	1.09E-08	2.47E-04	2.63E-03	0.00E+00	0.00E+00	4.49E-13	9.29E-12	6.46E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	9.40E-04	3.60E-01	0.00E+00	4.00E-11	5.53E-09	6.73E-04	6.49E-07	4.58E-04	0.00E+00	3.60E-01	1.08E-09	3.60E-01	3.64E-01	4.58E-04	0.00E+00	0.00E+00	0.00E+00	9.94E-05
WH105853E	2.61E-05	4.12E-03	0.00E+00	4.12E-03	0.00E+00	0.00E+00	2.70E-03	1.55E-09	1.23E-05	1.34E-04	0.00E+00	0.00E+00	7.30E-14	1.40E-12	1.01E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-07	1.45E-04	5.76E-02	0.00E+00	6.33E-12	2.13E-10	3.39E-05	1.03E-07	7.68E-05	0.00E+00	5.76E-02	1.63E-10	5.76E-02	5.77E-02	7.68E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH105853F	4.51E-05	7.12E-03	0.00E+00	7.12E-03	0.00E+00	0.00E+00	4.67E-03	2.67E-09	2.12E-05	2.32E-04	0.00E+00	0.00E+00	1.25E-13	2.42E-12	1.74E-05	0.00E+00	0.00E+00	0.00E+00	6.30E-07	2.50E-04	9.94E-02	0.00E+00	1.09E-11	3.67E-10	5.85E-05	1.78E-07	1.33E-04	0.00E+00	9.94E-02	2.81E-10	9.94E-02	9.95E-02	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05
WH105854E	7.37E-05	1.18E-02	4.57E-10	1.18E-02	2.05E-11	0.00E+00	7.64E-03	4.75E-09	3.40E-05	3.80E-04	0.00E+00	0.00E+00	2.06E-13	3.95E-12	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-06	4.19E-04	1.68E-01	0.00E+00	1.77E-11	6.05E-10	9.65E-05	2.96E-07	2.17E-04	0.00E+00	1.68E-01	4.71E-10	1.68E-01	1.67E-01	2.17E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-05
WH105952E	7.37E-05	1.18E-02	4.57E-10	1.18E-02	2.05E-11	0.00E+00	7.64E-03	4.75E-09	3.40E-05	3.80E-04	0.00E+00	0.00E+00	2.06E-13	3.95E-12	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-06	4.19E-04	1.68E-01	0.00E+00	1.77E-11	6.05E-10	9.65E-05	2.96E-07	2.17E-04	0.00E+00	1.68E-01	4.71E-10	1.68E-01	1.67E-01	2.17E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-05
WH105952F	3.14E-05	6.30E-03	4.57E-10	6.30E-03	2.05E-11	0.00E+00	4.38E-03	4.92E-09	1.06E-05	1.50E-04	0.00E+00	0.00E+00	1.18E-13	2.27E-12	1.62E-05	0.00E+00	0.00E+00	0.00E+00	5.92E-07	3.60E-04	9.61E-02	0.00E+00	1.03E-11	1.93E-10	2.77E-05	2.25E-07	1.80E-04	0.00E+00	9.61E-02	6.38E-10	9.61E-02	9.73E-02	1.80E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-05
WH105962E	4.33E-05	8.15E-03	4.57E-10	8.15E-03	2.05E-11	0.00E+00	5.37E-03	3.86E-09	1.50E-05	2.11E-04	0.00E+00	0.00E+00	2.80E-13	3.60E-12	2.74E-05	0.00E+00	0.00E+00	0.00E+00	8.11E-07	3.89E-04	1.15E-01	0.00E+00	1.41E-11	3.02E-10	5.20E-05	2.39E-07	1.94E-04	0.00E+00	1.15E-01	5.64E-10	1.15E-01	1.15E-01	1.94E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05
WH106007E	9.67E-05	1.53E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.00E-02	5.73E-09	4.53E-05	4.97E-04	0.00E+00	0.00E+00	2.68E-13	5.19E-12	3.72E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-06	5.36E-04	2.13E-01	0.00E+00	2.34E-11	7.87E-10	1.25E-04	3.82E-07	2.84E-04	0.00E+00	2.13E-01	6.01E-10	2.13E-01	2.13E-01	2.84E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-05
WH106253E	3.62E-05	5.90E-03	4.57E-10	5.89E-03	2.05E-11	0.00E+00	3.75E-03	2.41E-09	1.18E-05	1.58E-04	0.00E+00	0.00E+00	1.03E-13	2.03E-12	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.30E-07	2.53E-04	8.07E-02	0.00E+00	9.02E-12	2.16E-10	3.89E-05	1.62E-07	1.21E-04	0.00E+00	8.07E-02	3.31E-10	8.07E-02	8.21E-02	1.21E-04	0.00E+00	0.00E+00	0.00E+00	2.25E-05
WH106257F	4.37E-05	7.85E-03	4.57E-10	7.84E-03	2.05E-11	0.00E+00	5.17E-03	3.08E-09	1.55E-05	2.20E-04	0.00E+00	0.00E+00	1.37E-13	2.65E-12	1.89E-05	0.00E+00	0.00E+00	0.00E+00	6.87E-07	3.55E-04	1.09E-01	0.00E+00	1.20E-11	2.98E-10	5.10E-05	2.22E-07	1.78E-04	0.00E+00	1.09E-01	4.32E-10	1.09E-01	1.09E-01	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.97E-05
WH106453E	4.91E-05	7.75E-03	0.00E+00	7.75E-03	0.00E+00	0.00E+00	5.08E-03	2.91E-09	2.30E-05	2.53E-04	0.00E+00	0.00E+00	1.36E-13	2.64E-12	1.89E-05	0.00E+00	0.00E+00	0.00E+00	6.86E-07	2.72E-04	1.08E-01	0.00E+00	1.19E-11	4.00E-10	6.37E-05	1.94E-07	1.44E-04	0.00E+00	1.08E-01	3.05E-10	1.08E-01	1.08E-01	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.95E-05
WH106453F	6.03E-05	9.51E-03	0.00E+00	9.51E-03	0.00E+00	0.00E+00	6.24E-03	3.57E-09	2.83E-05	3.10E-04	0.00E+00	0.00E+00	1.67E-13	3.24E-12	2.32E-05	0.00E+00	0.00E+00	0.00E+00	8.42E-07	3.34E-04	1.33E-01	0.00E+00	1.46E-11	4.90E-10	7.82E-05	2.38E-07	1.77E-04	0.00E+00	1.33E-01	3.75E-10	1.33E-01	1.33E-01	1.77E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-05
WH106457E	5.83E-05	9.20E-03	0.00E+00	9.20E-03	0.00E+00	0.00E+00	6.03E-03	3.45E-09	2.73E-05	3.00E-04	0.00E+00	0.00E+00	1.62E-13	3.13E-12	2.24E-05	0.00E+00	0.00E+00	0.00E+00	8.14E-07	3.23E-04	1.28E-01	0.00E+00	1.41E-11	4.74E-10	7.57E-05	2.30E-07	1.71E-04	0.00E+00	1.28E-01	3.63E-10	1.28E-01	1.29E-01	1.71E-04	0.00E+00	0.00E+00	0.00E+00	3.50E-05
WH106457F	5.83E-05	9.56E-03	4.57E-10	9.57E-03	2.05E-11	0.00E+00	6.36E-03	3.85E-09	2.93E-05	3.13E-04	0.00E+00	0.00E+00	1.74E-13	3.38E-12	2.38E-05	0.00E+00	0.00E+00	0.00E+00	8.78E-07	3.53E-04	1.43E-01	0.00E+00	1.48E-11	5.05E-10	7.45E-05	2.52E-07	1.96E-04	0.00E+00	1.43E-01	5.06E-10	1.43E-01	1.41E-01	1.96E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-05
WH11580100C	1.17E-04	1.82E-02	4.57E-10	1.82E-02	2.05E-11	0.00E+00	1.20E-02	6.86E-09	5.42E-05	5.96E-04	0.00E+00	0.00E+00	3.23E-13	6.23E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.38E-04	2.53E-01	0.00E+00	2.80E-11	9.39E-10	1.50E-04	4.59E-07	3.40E-04	0.00E+00	2.53E-01	7.21E-10	2.53E-01	2.51E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-05
WH11580300A	4.12E-05	6.50E-03	0.00E+00	6.50E-03	0.00E+00	0.00E+00	4.26E-03	2.44E-09	1.93E-05	2.12E-04	0.00E+00	0.00E+00	1.14E-13	2.21E-12	1.58E-05	0.00E+00	0.00E+00	0.00E+00	5.75E-07	2.28E-04	9.08E-02	0.00E+00	9.98E-12	3.35E-10	5.34E-05	1.63E-07	1.21E-04	0.00E+00	9.08E-02	2.56E-10	9.08E-02	9.09E-02	1.21E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-05
WH11580300B	3.40E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.88E-09	9.86E-06	1.55E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.92E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.61E-02	0.00E+00	6.56E-12	1.88E-10	2.91E-05	1.23E-07	8.77E-05	0.00E+00	5.61E-02	2.69E-10	5.61E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05
WH11580300C	8.03E-05	1.27E-02	0.00E+00	1.27E-02	0.00E+00	0.00E+00	8.31E-03	4.76E-09	3.77E-05	4.13E-04	0.00E+00	0.00E+00	2.23E-13	4.31E-12	3.09E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-06	4.45E-04	1.77E-01	0.00E+00	1.94E-11	6.53E-10	1.04E-04	3.17E-07	2.36E-04	0.00E+00	1.77E-01	4.99E-10	1.77E-01	1.77E-01	2.36E-04	0.00E+00	0.00E+00	0.00E+00	4.82E-05

WH11580305A	3.40E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.88E-09	9.86E-06	1.55E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.92E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.61E-02	0.00E+00	6.56E-12	1.88E-10	2.91E-05	1.23E-07	8.77E-05	0.00E+00	5.61E-02	2.68E-10	5.61E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05
WH11580305B	3.40E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.88E-09	9.86E-06	1.55E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.92E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.61E-02	0.00E+00	6.56E-12	1.88E-10	2.91E-05	1.23E-07	8.77E-05	0.00E+00	5.61E-02	2.69E-10	5.61E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05
WH11580305C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.88E-09	1.05E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.92E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.61E-02	0.00E+00	6.56E-12	1.90E-10	2.96E-05	1.23E-07	8.77E-05	0.00E+00	5.61E-02	2.71E-10	5.61E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05
WH11580306C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.88E-09	1.05E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.92E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.61E-02	0.00E+00	6.56E-12	1.90E-10	2.96E-05	1.23E-07	8.77E-05	0.00E+00	5.61E-02	2.71E-10	5.61E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05
WH11585300A	3.40E-05	5.96E-03	4.57E-10	5.94E-03	2.05E-11	0.00E+00	3.80E-03	3.23E-09	1.07E-05	1.49E-04	0.00E+00	0.00E+00	1.05E-13	2.06E-12	1.40E-05	0.00E+00	0.00E+00	0.00E+00	5.39E-07	2.94E-04	8.23E-02	0.00E+00	9.09E-12	2.08E-10	3.66E-05	1.75E-07	1.24E-04	0.00E+00	8.23E-02	4.66E-10	8.23E-02	8.22E-02	1.24E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-05
WH11585300B	3.40E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.89E-09	9.86E-06	1.55E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.92E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.61E-02	0.00E+00	6.56E-12	1.88E-10	2.91E-05	1.23E-07	8.77E-05	0.00E+00	5.61E-02	2.69E-10	5.61E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05
WH11585300C	6.95E-05	1.10E-02	0.00E+00	1.10E-02	0.00E+00	0.00E+00	7.19E-03	4.12E-09	3.26E-05	3.58E-04	0.00E+00	0.00E+00	1.93E-13	3.73E-12	2.67E-05	0.00E+00	0.00E+00	0.00E+00	9.71E-07	3.85E-04	1.53E-01	0.00E+00	1.68E-11	5.66E-10	9.02E-05	2.75E-07	2.04E-04	0.00E+00	1.53E-01	4.32E-10	1.53E-01	1.53E-01	2.04E-04	0.00E+00	0.00E+00	0.00E+00	4.17E-05
WH11585305A	3.40E-05	5.96E-03	4.57E-10	5.94E-03	2.05E-11	0.00E+00	3.80E-03	3.23E-09	1.07E-05	1.49E-04	0.00E+00	0.00E+00	1.05E-13	2.06E-12	1.40E-05	0.00E+00	0.00E+00	0.00E+00	5.39E-07	2.94E-04	8.23E-02	0.00E+00	9.09E-12	2.08E-10	3.66E-05	1.75E-07	1.24E-04	0.00E+00	8.23E-02	4.66E-10	8.23E-02	8.22E-02	1.24E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-05
WH11585305B	3.40E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.89E-09	9.86E-06	1.55E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.92E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.61E-02	0.00E+00	6.56E-12	1.88E-10	2.91E-05	1.23E-07	8.77E-05	0.00E+00	5.61E-02	2.69E-10	5.61E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05
WH11585305C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.89E-09	1.05E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.92E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.61E-02	0.00E+00	6.56E-12	1.90E-10	2.96E-05	1.23E-07	8.77E-05	0.00E+00	5.61E-02	2.71E-10	5.61E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05
WH11585306A	3.40E-05	5.96E-03	4.57E-10	5.94E-03	2.05E-11	0.00E+00	3.80E-03	3.23E-09	1.07E-05	1.49E-04	0.00E+00	0.00E+00	1.05E-13	2.06E-12	1.40E-05	0.00E+00	0.00E+00	0.00E+00	5.39E-07	2.94E-04	8.23E-02	0.00E+00	9.09E-12	2.08E-10	3.66E-05	1.75E-07	1.24E-04	0.00E+00	8.23E-02	4.66E-10	8.23E-02	8.22E-02	1.24E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-05
WH11585400A	3.48E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.54E-09	1.02E-05	1.64E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.59E-02	0.00E+00	6.14E-12	1.91E-10	3.04E-05	1.13E-07	8.87E-05	0.00E+00	5.59E-02	1.84E-10	5.59E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH11585400C	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.54E-09	1.06E-05	1.66E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.59E-02	0.00E+00	6.14E-12	1.91E-10	3.06E-05	1.13E-07	8.87E-05	0.00E+00	5.59E-02	1.85E-10	5.59E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH11592200A	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.54E-09	1.02E-05	1.65E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.59E-02	0.00E+00	6.14E-12	1.91E-10	3.04E-05	1.13E-07	8.87E-05	0.00E+00	5.59E-02	1.84E-10	5.59E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH11592200B	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.54E-09	1.02E-05	1.65E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.59E-02	0.00E+00	6.14E-12	1.91E-10	3.04E-05	1.13E-07	8.87E-05	0.00E+00	5.59E-02	1.84E-10	5.59E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH11592200C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.54E-09	1.06E-05	1.66E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.59E-02	0.00E+00	6.14E-12	1.91E-10	3.06E-05	1.13E-07	8.87E-05	0.00E+00	5.59E-02	1.85E-10	5.59E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH11592205A	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.54E-09	1.02E-05	1.65E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.59E-02	0.00E+00	6.14E-12	1.91E-10	3.04E-05	1.13E-07	8.87E-05	0.00E+00	5.59E-02	1.84E-10	5.59E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH11592205B	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.54E-09	1.02E-05	1.65E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.59E-02	0.00E+00	6.14E-12	1.91E-10	3.04E-05	1.13E-07	8.87E-05	0.00E+00	5.59E-02	1.84E-10	5.59E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH11592205C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.54E-09	1.06E-05	1.66E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.59E-02	0.00E+00	6.14E-12	1.91E-10	3.06E-05	1.13E-07	8.87E-05	0.00E+00	5.59E-02	1.85E-10	5.59E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH11593200A	2.22E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.27E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.29E-03	5.05E-01	0.00E+00	5.53E-11	1.85E-09	2.84E-04	9.15E-07	6.77E-04	0.00E+00	5.05E-01	1.44E-09	5.05E-01	5.06E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH11593200B	4.54E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.08E-04	2.33E-03	0.00E+00	0.00E+00	1.30E-12	2.63E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.50E-03	1.02E+00	0.00E+00	1.12E-10	3.63E-09	5.75E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
WH11593205C	4.50E-04	7.28E-02	4.57E-10	7.29E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.07E-04	2.33E-03	0.00E+00	0.00E+00	1.31E-12	2.69E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-06	2.50E-03	1.02E+00	0.00E+00	1.12E-10	3.64E-09	5.75E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH11593206C	4.50E-04	7.28E-02	4.57E-10	7.29E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.07E-04	2.33E-03	0.00E+00	0.00E+00	1.31E-12	2.69E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-06	2.50E-03	1.02E+00	0.00E+00	1.12E-10	3.64E-09	5.75E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH11595200A	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.54E-09	1.02E-05	1.65E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.59E-02	0.00E+00	6.14E-12	1.91E-10	3.04E-05	1.13E-07	8.87E-05	0.00E+00	5.59E-02	1.84E-10	5.59E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH11595200B	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.54E-09	1.02E-05	1.65E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.59E-02	0.00E+00	6.14E-12	1.91E-10	3.04E-05	1.13E-07	8.87E-05	0.00E+00	5.59E-02	1.84E-10	5.59E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH11595200C	1.17E-04	1.82E-02	4.57E-10	1.82E-02	2.05E-11	0.00E+00	1.20E-02	6.86E-09	5.42E-05	5.96E-04	0.00E+00	0.00E+00	3.23E-13	6.23E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.38E-04	2.53E-01	0.00E+00	2.80E-11	9.39E-10	1.50E-04	4.60E-07	3.40E-04	0.00E+00	2.53E-01	7.22E-10	2.53E-01	2.52E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-05
WH11595205A	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.54E-09	1.02E-05	1.65E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.59E-02	0.00E+00	6.14E-12	1.91E-10	3.04E-05	1.13E-07	8.87E-05	0.00E+00	5.59E-02	1.84E-10	5.59E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH11595205C	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.54E-09	1.06E-05	1.66E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.59E-02	0.00E+00	6.14E-12	1.91E-10	3.06E-05	1.13E-07	8.87E-05	0.00E+00	5.59E-02	1.85E-10	5.59E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH11596200A	5.91E-05	9.31E-03	0.00E+00	9.31E-03	0.00E+00	0.00E+00	6.11E-03	3.50E-09	2.77E-05	3.04E-04	0.00E+00	0.00E+00	1.64E-13	3.17E-12	2.27E-05	0.00E+00	0.00E+00	0.00E+00	8.25E-07	3.27E-04	1.30E-01	0.00E+00	1.43E-11	4.80E-10	7.66E-05	2.33E-07	1.74E-04	0.00E+00	1.30E-01	3.67E-10	1.30E-01	1.30E-01	1.74E-04	0.00E+00	0.00E+00	0.00E+00	3.54E-05
WH11596200B	4.54E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.08E-04	2.33E-03	0.00E+00	0.00E+00	1.30E-12	2.63E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.50E-03	1.02E+00	0.00E+00	1.12E-10	3.63E-09	5.75E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
WH11596200C	4.50E-04	7.28E-02	4.57E-10	7.29E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.07E-04	2.33E-03	0.00E+00	0.00E+00	1.31E-12	2.69E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-06	2.50E-03	1.02E+00	0.00E+00	1.12E-10	3.64E-09	5.75E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH11596205C	4.50E-04	7.28E-02	4.57E-10	7.29E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.07E-04	2.33E-03	0.00E+00	0.00E+00	1.31E-12	2.69E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-06	2.50E-03	1.02E+00	0.00E+00	1.12E-10	3.64E-09	5.75E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH11596206A	2.22E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.27E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.29E-03	5.05E-01	0.00E+00	5.53E-11	1.85E-09	2.84E-04	9.15E-07	6.77E-04	0.00E+00	5.05E-01	1.44E-09	5.05E-01	5.06E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH11620300C	1.15E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.76E-09	5.33E-05	5.76E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.47E-04	4.41E-07	3.32E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.46E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-05
WH11620305C	1.15E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.76E-09	5.33E-05	5.76E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.47E-04	4.41E-07	3.32E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.46E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-05
WH11620700C	1.15E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.76E-09	5.33E-05	5.77E-04	0.00E+00	0.00E+00	3.17E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.47E-04	4.41E-07	3.32E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.46E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-05
WH11622300A	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.30E-05	5.76E-04	0.00E+00	0.00E+00	3.17E-13	6.12E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.20E-04	2.48E-01	0.00E+00	2.75E-11	9.18E-10	1.46E-04	4.42E-07	3.33E-04	0.00E+00	2.48E-01	7.08E-10	2.48E-01	2.50E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
WH11622300B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.11E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH11622300C	1.15E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.76E-09	5.33E-05	5.76E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.47E-04	4.41E-07	3.32E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.46E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-05
WH11622305A	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.30E-05	5.76E-04	0.00E+00	0.00E+00	3.17E-13	6.12E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.20E-04	2.48E-01	0.00E+00	2.75E-11	9.18E-10	1.46E-04	4.42E-07	3.33E-04	0.00E+00	2.48E-01	7.08E-10	2.48E-01	2.50E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
WH11622305B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.11E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH11622305C	1.15E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.76E-09	5.33E-05	5.76E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.47E-04	4.41E-07	3.32E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.46E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-05
WH11622700A	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.30E-05	5.76E-04	0.00E+00	0.00E+00	3.17E-13	6.12E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.20E-04	2.48E-01	0.00E+00	2.75E-11	9.18E-10	1.46E-04	4.42E-07	3.33E-04	0.00E+00	2.48E-01	7.08E-10	2.48E-01	2.51E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
WH11622700B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.11E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH11622700C	1.15E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.76E-09	5.33E-05	5.76E-04	0.00E+00	0.00E+00	3.17E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.47E-04	4.41E-07	3.32E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.46E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-05
WH11622705A	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.30E-05	5.76E-04	0.00E+00	0.00E+00	3.17E-13	6.12E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.20E-04	2.48E-01	0.00E+00	2.75E-11	9.18E-10	1.46E-04	4.42E-07	3.33E-04	0.00E+00	2.48E-01	7.08E-10	2.48E-01	2.51E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
WH11622705C	1.15E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.76E-09	5.33E-05	5.76E-04	0.00E+00	0.00E+00	3.17E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.47E-04	4.41E-07	3.32E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.46E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-05
WH11623306A	2.25E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.28E-13	1.26E-11	8.82E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.28E-03	5.03E-01	0.00E+00	5.49E-11	1.85E-09	2.87E-04	9.10E-07	6.74E-04	0.00E+00	5.03E-01	1.43E-09	5.03E-01	5.02E-01	6.74E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH11625300A	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.30E-05	5.76E-04	0.00E+00	0.00E+00	3.17E-13	6.12E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.20E-04	2.49E-01	0.00E+00	2.75E-11	9.18E-10	1.46E-04	4.42E-07	3.33E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.50E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
WH11625300B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.11E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.66E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH11625300C	8.91E-05	1.40E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	9.21E-03	5.28E-09	4.17E-05	4.58E-04	0.00E+00	0.00E+00	2.47E-13	4.78E-12	3.43E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-06	4.94E-04	1.96E-01	0.00E+00	2.16E-11	7.24E-10	1.16E-04	3.52E-07	2.62E-04	0.00E+00	1.96E-01	5.54E-10	1.96E-01	1.96E-01	2.62E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-05
WH11625305A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.11E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.66E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH11625305C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH11625306B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.11E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.66E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH11625700A	5.79E-05	9.52E-03	4.57E-10	9.53E-03	2.05E-11	0.00E+00	6.39E-03	3.84E-09	2.92E-05	3.10E-04	0.00E+00	0.00E+00	1.75E-13	3.36E-12	2.38E-05	0.00E+00	0.00E+00	0.00E+00	8.76E-07	3.52E-04	1.42E-01	0.00E+00	1.48E-11	5.06E-10	7.44E-05	2.52E-07	1.95E-04	0.00E+00	1.42E-01	5.09E-10	1.42E-01	1.41E-01	1.95E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-05
WH11625700B	6.91E-05	1.10E-02	4.57E-10	1.10E-02	2.05E-11	0.00E+00	7.27E-03	4.15E-09	3.20E-05	3.51E-04	0.00E+00	0.00E+00	1.94E-13	3.83E-12	2.67E-05	0.00E+00	0.00E+00	0.00E+00	9.90E-07	3.93E-04	1.57E-01	0.00E+00	1.80E-11	5.51E-10	8.94E-05	3.01E-07	2.17E-04	0.00E+00	1.57E-01	5.05E-10	1.57E-01	1.57E-01	2.17E-04	0.00E+00	0.00E+00	0.00E+00	4.32E-05
WH11625700C	9.32E-05	1.41E-02	4.57E-10	1.41E-02	2.05E-11	0.00E+00	9.24E-03	5.34E-09	4.25E-05	4.60E-04	0.00E+00	0.00E+00	2.48E-13	4.79E-12	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.97E-04	1.98E-01	0.00E+00	2.18E-11	7.38E-10	1.16E-04	3.56E-07	2.66E-04	0.00E+00	1.98E-01	5.55E-10	1.98E-01	1.98E-01	2.66E-04	0.00E+00	0.00E+00	0.00E+00	5.37E-05
WH11625705A	5.79E-05	9.52E-03	4.57E-10	9.53E-03	2.05E-11	0.00E+00	6.39E-03	3.84E-09	2.92E-05	3.10E-04	0.00E+00	0.00E+00	1.75E-13	3.36E-12	2.38E-05	0.00E+00	0.00E+00	0.00E+00	8.76E-07	3.52E-04	1.42E-01	0.00E+00	1.48E-11	5.06E-10	7.44E-05	2.52E-07	1.95E-04	0.00E+00	1.42E-01	5.09E-10	1.42E-01	1.41E-01	1.95E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-05
WH11640300C	1.17E-04	1.82E-02	4.57E-10	1.82E-02	2.05E-11	0.00E+00	1.20E-02	6.83E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.22E-13	6.23E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.37E-04	2.51E-01	0.00E+00	2.80E-11	9.38E-10	1.49E-04	4.59E-07	3.40E-04	0.00E+00	2.51E-01	7.19E-10	2.51E-01	2.50E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
WH11640305C	1.15E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.75E-09	5.33E-05	5.75E-04	0.00E+00	0.00E+00	3.16E-13	6.10E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.17E-04	2.44E-01	0.00E+00	2.75E-11	9.20E-10	1.46E-04	4.41E-07	3.31E-04	0.00E+00	2.44E-01	7.06E-10	2.44E-01	2.44E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
WH11640700C	1.15E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.75E-09	5.33E-05	5.76E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.17E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.46E-04	4.41E-07	3.32E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.45E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
WH11640705C	1.15E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.75E-09	5.33E-05	5.76E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.17E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.46E-04	4.41E-07	3.32E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.45E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
WH11642105A	1.16E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.76E-09	5.30E-05	5.74E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.42E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.19E-04	2.47E-01	0.00E+00	2.75E-11	9.18E-10	1.46E-04	4.42E-07	3.32E-04	0.00E+00	2.47E-01	7.08E-10	2.47E-01	2.49E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.67E-05
WH11642300A	7.11E-05	1.10E-02	4.57E-10	1.10E-02	2.05E-11	0.00E+00	7.24E-03	4.17E-09	3.35E-05	3.60E-04	0.00E+00	0.00E+00	1.93E-13	3.90E-12	2.68E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-06	3.92E-04	1.57E-01	0.00E+00	1.69E-11	5.81E-10	9.07E-05	2.88E-07	2.12E-04	0.00E+00	1.57E-01	4.38E-10	1.57E-01	1.58E-01	2.12E-04	0.00E+00	0.00E+00	0.00E+00	4.22E-05
WH11642300B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.05E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.10E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.66E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH11642300C	1.16E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.20E-02	6.85E-09	5.42E-05	5.95E-04	0.00E+00	0.00E+00	3.21E-13	6.21E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.41E-04	2.55E-01	0.00E+00	2.80E-11	9.40E-10	1.50E-04	4.56E-07	3.40E-04	0.00E+00	2.55E-01	7.19E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
WH11642305A	7.13E-05	1.10E-02	4.57E-10	1.10E-02	2.05E-11	0.00E+00	7.24E-03	4.72E-09	3.35E-05	3.61E-04	0.00E+00	0.00E+00	1.94E-13	3.90E-12	2.68E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-06	3.93E-04	1.57E-01	0.00E+00	1.69E-11	5.82E-10	9.09E-05	2.88E-07	2.12E-04	0.00E+00	1.57E-01	5.91E-10	1.57E-01	1.58E-01	2.12E-04	0.00E+00	0.00E+00	0.00E+00	4.23E-05
WH11642305B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.05E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.10E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.66E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH11642305C	1.04E-04	1.64E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	1.07E-02	6.15E-09	4.87E-05	5.34E-04	0.00E+00	0.00E+00	2.88E-13	5.58E-12	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-06	5.76E-04	2.29E-01	0.00E+00	2.51E-11	8.45E-10	1.35E-04	4.10E-07	3.05E-04	0.00E+00	2.29E-01	6.46E-10	2.29E-01	2.29E-01	3.05E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-05
WH11642306A	7.13E-05	1.10E-02	4.57E-10	1.10E-02	2.05E-11	0.00E+00	7.24E-03	4.72E-09	3.35E-05	3.61E-04	0.00E+00	0.00E+00	1.94E-13	3.90E-12	2.68E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-06	3.93E-04	1.57E-01	0.00E+00	1.69E-11	5.82E-10	9.09E-05	2.88E-07	2.12E-04	0.00E+00	1.57E-01	5.91E-10	1.57E-01	1.58E-01	2.12E-04	0.00E+00	0.00E+00	0.00E+00	4.23E-05
WH11642306C	1.15E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.75E-09	5.33E-05	5.75E-04	0.00E+00	0.00E+00	3.16E-13	6.10E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.17E-04	2.44E-01	0.00E+00	2.75E-11	9.20E-10	1.46E-04	4.41E-07	3.31E-04	0.00E+00	2.44E-01	7.05E-10	2.44E-01	2.44E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
WH11642700A	7.79E-05	1.23E-02	0.00E+00	1.23E-02	0.00E+00	0.00E+00	8.06E-03	4.61E-09	3.65E-05	4.01E-04	0.00E+00	0.00E+00	2.16E-13	4.18E-12	3.00E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-06	4.32E-04	1.72E-01	0.00E+00	1.89E-11	6.33E-10	1.01E-04	3.07E-07	2.29E-04	0.00E+00	1.72E-01	4.84E-10	1.72E-01	1.72E-01	2.29E-04	0.00E+00	0.00E+00	0.00E+00	4.67E-05
WH11642700B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.10E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.66E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH11642700C	1.16E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.20E-02	6.85E-09	5.42E-05	5.95E-04	0.00E+00	0.00E+00	3.21E-13	6.21E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.41E-04	2.55E-01	0.00E+00	2.80E-11	9.40E-10	1.50E-04	4.57E-07	3.40E-04	0.00E+00	2.55E-01	7.19E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
WH11642705A	7.06E-05	1.10E-02	4.57E-10	1.10E-02	2.05E-11	0.00E+00	7.24E-03	4.72E-09	3.31E-05	3.61E-04	0.00E+00	0.00E+00	1.94E-13	3.90E-12	2.68E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-06	3.93E-04	1.57E-01	0.00E+00	1.80E-11	5.78E-10	9.09E-05	2.93E-07	2.13E-04	0.00E+00	1.57E-01	5.91E-10	1.57E-01	1.58E-01	2.13E-04	0.00E+00	0.00E+00	0.00E+00	4.23E-05
WH11642705C	1.05E-04	1.66E-02	4.57E-10	1.67E-02	2.05E-11	0.00E+00	1.10E-02	6.30E-09	4.92E-05	5.45E-04	0.00E+00	0.00E+00	2.97E-13	5.66E-12	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.85E-04	2.33E-01	0.00E+00	2.57E-11	8.55E-10	1.38E-04	4.17E-07	3.12E-04	0.00E+00	2.33E-01	6.55E-10	2.33E-01	2.32E-01	3.12E-04	0.00E+00	0.00E+00	0.00E+00	6.35E-05
WH11643300A	7.43E-05	1.16E-02	4.57E-10	1.16E-02	2.05E-11	0.00E+00	7.61E-03	4.34E-09	3.46E-05	3.78E-04	0.00E+00	0.00E+00	2.03E-13	3.91E-12	2.75E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-06	4.07E-04	1.62E-01	0.00E+00	1.74E-11	6.00E-10	9.51E-05	2.93E-07	2.15E-04	0.00E+00	1.62E-01	4.70E-10	1.62E-01	1.62E-01	2.15E-04	0.00E+00	0.00E+00	0.00E+00	4.36E-05
WH11643300C	1.04E-04	1.63E-02	4.57E-10	1.63E-02	2.05E-11	0.00E+00	1.05E-02	6.06E-09	4.80E-05	5.30E-04	0.00E+00	0.00E+00	2.87E-13	5.52E-12	4.00E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-06	5.68E-04	2.28E-01	0.00E+00	2.50E-11	8.33E-10	1.34E-04	4.05E-07	3.03E-04	0.00E+00	2.28E-01	6.38E-10	2.28E-01	2.27E-01	3.03E-04	0.00E+00	0.00E+00	0.00E+00	6.15E-05
WH11643305A	7.43E-05	1.16E-02	4.57E-10	1.16E-02	2.05E-11	0.00E+00	7.61E-03	4.34E-09	3.46E-05	3.78E-04	0.00E+00	0.00E+00	2.03E-13	3.91E-12	2.75E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-06	4.07E-04	1.62E-01	0.00E+00	1.74E-11	6.00E-10	9.51E-05	2.93E-07	2.15E-04	0.00E+00	1.62E-01	4.70E-10	1.62E-01	1.62E-01	2.15E-04	0.00E+00	0.00E+00	0.00E+00	4.36E-05
WH11643305C	1.02E-04	1.60E-02	4.57E-10	1.60E-02	2.05E-11	0.00E+00	1.04E-02	5.95E-09	4.78E-05	5.22E-04	0.00E+00	0.00E+00	2.82E-13	5.40E-12	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-06	5.62E-04	2.23E-01	0.00E+00	2.48E-11	8.30E-10	1.32E-04	4.00E-07	3.01E-04	0.00E+00	2.23E-01	6.26E-10	2.23E-01	2.23E-01	3.01E-04	0.00E+00	0.00E+00	0.00E+00	6.02E-05
WH11643306A	2.26E-04	3.59E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.27E-11	8.83E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.28E-03	5.04E-01	0.00E+00	5.50E-11	1.85E-09	2.88E-04	9.12E-07	6.75E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH11645300A	6.96E-05	1.10E-02	4.57E-10	1.10E-02	2.05E-11	0.00E+00	7.25E-03	4.14E-09	3.24E-05	3.53E-04	0.00E+00	0.00E+00	1.94E-13	3.83E-12	2.67E-05	0.00E+00	0.00E+00	0.00E+00	9.90E-07	3.89E-04	1.55E-01	0.00E+00	1.80E-11	5.56E-10	8.97E-05	3.01E-07	2.17E-04	0.00E+00	1.55E-01	5.05E-10	1.55E-01	1.55E-01	2.17E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-05
WH11645300B	7.98E-05	1.25E-02	4.57E-10	1.25E-02	2.05E-11	0.00E+00	8.15E-03	4.68E-09	3.73E-05	4.06E-04	0.00E+00	0.00E+00	2.18E-13	4.22E-12	3.08E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-06	4.39E-04	1.74E-01	0.00E+00	1.94E-11	6.45E-10	1.03E-04	3.13E-07	2.39E-04	0.00E+00	1.74E-01	4.88E-10	1.74E-01	1.73E-01	2.39E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-05
WH11645300C	1.02E-04	1.60E-02	4.57E-10	1.60E-02	2.05E-11	0.00E+00	1.05E-02	5.96E-09	4.78E-05	5.22E-04	0.00E+00	0.00E+00	2.83E-13	5.40E-12	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-06	5.62E-04	2.23E-01	0.00E+00	2.48E-11	8.30E-10	1.32E-04	4.01E-07	3.01E-04	0.00E+00	2.23E-01	6.26E-10	2.23E-01	2.23E-01	3.01E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-05
WH11645305A	6.96E-05	1.10E-02	4.57E-10	1.10E-02	2.05E-11	0.00E+00	7.25E-03	4.14E-09	3.24E-05	3.53E-04	0.00E+00	0.00E+00	1.94E-13	3.83E-12	2.67E-05	0.00E+00	0.00E+00	0.00E+00	9.90E-07	3.89E-04	1.55E-01	0.00E+00	1.80E-11	5.56E-10	8.97E-05	3.01E-07	2.17E-04	0.00E+00	1.55E-01	5.05E-10	1.55E-01	1.55E-01	2.17E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-05

WH11645305B	7.98E-05	1.25E-02	4.57E-10	1.25E-02	2.05E-11	0.00E+00	8.15E-03	4.68E-09	3.73E-05	4.06E-04	0.00E+00	0.00E+00	2.18E-13	4.22E-12	3.08E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-06	4.39E-04	1.74E-01	0.00E+00	1.94E-11	6.45E-10	1.03E-04	3.13E-07	2.39E-04	0.00E+00	1.74E-01	4.88E-10	1.74E-01	1.73E-01	2.39E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-05
WH11645305C	1.02E-04	1.60E-02	4.57E-10	1.60E-02	2.05E-11	0.00E+00	1.05E-02	5.96E-09	4.78E-05	5.22E-04	0.00E+00	0.00E+00	2.83E-13	5.40E-12	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-06	5.62E-04	2.23E-01	0.00E+00	2.48E-11	8.30E-10	1.32E-04	4.01E-07	3.01E-04	0.00E+00	2.23E-01	6.26E-10	2.23E-01	2.23E-01	3.01E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-05
WH11645306A	1.14E-04	1.80E-02	4.57E-10	1.79E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.17E-05	5.52E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.54E-04	2.58E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.51E-07	3.46E-04	0.00E+00	2.58E-01	7.14E-10	2.58E-01	2.59E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-05
WH11645700B	8.37E-05	1.31E-02	4.57E-10	1.31E-02	2.05E-11	0.00E+00	8.53E-03	4.93E-09	3.92E-05	4.24E-04	0.00E+00	0.00E+00	2.30E-13	4.46E-12	3.22E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-06	4.61E-04	1.82E-01	0.00E+00	2.02E-11	6.80E-10	1.07E-04	3.27E-07	2.43E-04	0.00E+00	1.82E-01	5.13E-10	1.82E-01	1.82E-01	2.43E-04	0.00E+00	0.00E+00	0.00E+00	4.96E-05
WH11645700C	1.04E-04	1.62E-02	4.57E-10	1.62E-02	2.05E-11	0.00E+00	1.05E-02	6.01E-09	4.79E-05	5.29E-04	0.00E+00	0.00E+00	2.85E-13	5.49E-12	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-06	5.65E-04	2.26E-01	0.00E+00	2.49E-11	8.31E-10	1.33E-04	4.02E-07	3.02E-04	0.00E+00	2.26E-01	6.30E-10	2.26E-01	2.26E-01	3.02E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-05
WH11645705A	7.41E-05	1.16E-02	4.57E-10	1.16E-02	2.05E-11	0.00E+00	7.50E-03	4.34E-09	3.45E-05	3.77E-04	0.00E+00	0.00E+00	2.02E-13	3.92E-12	2.74E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-06	4.06E-04	1.62E-01	0.00E+00	1.74E-11	6.01E-10	9.49E-05	2.92E-07	2.15E-04	0.00E+00	1.62E-01	4.71E-10	1.62E-01	1.62E-01	2.15E-04	0.00E+00	0.00E+00	0.00E+00	4.35E-05
WH11645705C	1.04E-04	1.62E-02	4.57E-10	1.62E-02	2.05E-11	0.00E+00	1.05E-02	6.01E-09	4.79E-05	5.29E-04	0.00E+00	0.00E+00	2.85E-13	5.49E-12	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-06	5.65E-04	2.26E-01	0.00E+00	2.49E-11	8.31E-10	1.33E-04	4.02E-07	3.02E-04	0.00E+00	2.26E-01	6.30E-10	2.26E-01	2.26E-01	3.02E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-05
WH12580300P	7.48E-05	1.18E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	7.74E-03	4.43E-09	3.51E-05	3.85E-04	0.00E+00	0.00E+00	2.08E-13	4.02E-12	2.88E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-06	4.15E-04	1.65E-01	0.00E+00	1.81E-11	6.09E-10	9.70E-05	2.95E-07	2.20E-04	0.00E+00	1.65E-01	4.65E-10	1.65E-01	1.65E-01	2.20E-04	0.00E+00	0.00E+00	0.00E+00	4.49E-05
WH12580305P	3.45E-05	4.91E-03	4.57E-10	4.90E-03	2.05E-11	0.00E+00	3.14E-03	1.85E-09	1.04E-05	1.59E-04	0.00E+00	0.00E+00	7.00E-14	1.95E-12	9.89E-06	0.00E+00	0.00E+00	0.00E+00	5.09E-07	2.52E-04	5.55E-02	0.00E+00	6.25E-12	1.88E-10	3.02E-05	1.19E-07	8.75E-05	0.00E+00	5.55E-02	2.66E-10	5.55E-02	5.62E-02	8.75E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH12580306P	3.45E-05	4.91E-03	4.57E-10	4.90E-03	2.05E-11	0.00E+00	3.14E-03	1.85E-09	1.04E-05	1.59E-04	0.00E+00	0.00E+00	7.00E-14	1.95E-12	9.89E-06	0.00E+00	0.00E+00	0.00E+00	5.09E-07	2.52E-04	5.55E-02	0.00E+00	6.25E-12	1.88E-10	3.02E-05	1.19E-07	8.75E-05	0.00E+00	5.55E-02	2.66E-10	5.55E-02	5.62E-02	8.75E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH12585300P	1.15E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.76E-09	5.32E-05	5.77E-04	0.00E+00	0.00E+00	3.17E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.15E-04	2.46E-01	0.00E+00	2.75E-11	9.19E-10	1.46E-04	4.40E-07	3.31E-04	0.00E+00	2.46E-01	7.05E-10	2.46E-01	2.46E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.67E-05
WH12585306P	2.35E-04	5.22E-02	4.57E-10	5.20E-02	2.05E-11	0.00E+00	3.48E-02	1.99E-08	1.25E-04	1.10E-03	0.00E+00	0.00E+00	9.69E-13	2.04E-11	1.31E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-06	1.86E-03	7.70E-01	0.00E+00	8.17E-11	2.26E-09	3.58E-04	1.31E-06	9.69E-04	0.00E+00	7.70E-01	2.27E-09	7.70E-01	7.60E-01	9.69E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-04
WH12620300P	1.15E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.74E-09	5.32E-05	5.73E-04	0.00E+00	0.00E+00	3.16E-13	6.10E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.14E-04	2.43E-01	0.00E+00	2.75E-11	9.18E-10	1.46E-04	4.39E-07	3.31E-04	0.00E+00	2.43E-01	7.03E-10	2.43E-01	2.44E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
WH12620305P	1.15E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.74E-09	5.32E-05	5.73E-04	0.00E+00	0.00E+00	3.16E-13	6.10E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.14E-04	2.43E-01	0.00E+00	2.75E-11	9.18E-10	1.46E-04	4.39E-07	3.31E-04	0.00E+00	2.43E-01	7.03E-10	2.43E-01	2.44E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
WH12620306P	1.15E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.74E-09	5.32E-05	5.73E-04	0.00E+00	0.00E+00	3.16E-13	6.10E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.14E-04	2.43E-01	0.00E+00	2.75E-11	9.18E-10	1.46E-04	4.39E-07	3.31E-04	0.00E+00	2.43E-01	7.03E-10	2.43E-01	2.44E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
WH12620700P	1.15E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.75E-09	5.32E-05	5.73E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.14E-04	2.44E-01	0.00E+00	2.75E-11	9.18E-10	1.46E-04	4.39E-07	3.31E-04	0.00E+00	2.44E-01	7.04E-10	2.44E-01	2.44E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
WH12620705P	1.15E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.75E-09	5.32E-05	5.73E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.14E-04	2.44E-01	0.00E+00	2.75E-11	9.18E-10	1.46E-04	4.39E-07	3.31E-04	0.00E+00	2.44E-01	7.04E-10	2.44E-01	2.44E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
WH12625300P	2.34E-04	5.22E-02	4.57E-10	5.20E-02	2.05E-11	0.00E+00	3.48E-02	1.99E-08	1.25E-04	1.12E-03	0.00E+00	0.00E+00	9.69E-13	2.04E-11	1.31E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-06	1.86E-03	7.70E-01	0.00E+00	8.15E-11	2.29E-09	3.64E-04	1.31E-06	9.69E-04	0.00E+00	7.70E-01	2.26E-09	7.70E-01	7.62E-01	9.69E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-04
WH12625306P	2.34E-04	5.22E-02	4.57E-10	5.20E-02	2.05E-11	0.00E+00	3.48E-02	1.99E-08	1.25E-04	1.12E-03	0.00E+00	0.00E+00	9.69E-13	2.04E-11	1.31E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-06	1.86E-03	7.70E-01	0.00E+00	8.15E-11	2.29E-09	3.64E-04	1.31E-06	9.69E-04	0.00E+00	7.70E-01	2.26E-09	7.70E-01	7.62E-01	9.69E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-04
WH12640300P	1.45E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.50E-02	8.57E-09	6.78E-05	7.44E-04	0.00E+00	0.00E+00	4.02E-13	7.77E-12	5.57E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.02E-04	3.19E-01	0.00E+00	3.50E-11	1.18E-09	1.88E-04	5.71E-07	4.25E-04	0.00E+00	3.19E-01	9.00E-10	3.19E-01	3.19E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-05
WH12640305P	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.18E-02	6.74E-09	5.31E-05	5.72E-04	0.00E+00	0.00E+00	3.16E-13	6.10E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.12E-04	2.41E-01	0.00E+00	2.75E-11	9.17E-10	1.45E-04	4.38E-07	3.29E-04	0.00E+00	2.41E-01	7.03E-10	2.41E-01	2.42E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05
WH12640700P	1.15E-04	1.77E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.18E-02	6.74E-09	5.31E-05	5.72E-04	0.00E+00	0.00E+00	3.16E-13	6.10E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.12E-04	2.42E-01	0.00E+00	2.75E-11	9.18E-10	1.45E-04	4.38E-07	3.30E-04	0.00E+00	2.42E-01	7.03E-10	2.42E-01	2.43E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
WH12640705P	1.15E-04	1.77E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.18E-02	6.74E-09	5.31E-05	5.72E-04	0.00E+00	0.00E+00	3.16E-13	6.10E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.12E-04	2.42E-01	0.00E+00	2.75E-11	9.18E-10	1.45E-04	4.38E-07	3.30E-04	0.00E+00	2.42E-01	7.03E-10	2.42E-01	2.43E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
WH12645300P	2.34E-04	5.22E-02	4.57E-10	5.20E-02	2.05E-11	0.00E+00	3.47E-02	1.99E-08	1.25E-04	1.12E-03	0.00E+00	0.00E+00	9.86E-13	2.04E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-06	1.86E-03	7.71E-01	0.00E+00	8.15E-11	2.29E-09	3.64E-04	1.31E-06	9.69E-04	0.00E+00	7.71E-01	2.26E-09	7.71E-01	7.62E-01	9.69E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-04
WH12645305P	2.34E-04	5.22E-02	4.57E-10	5.20E-02	2.05E-11	0.00E+00	3.47E-02	1.99E-08	1.25E-04	1.12E-03	0.00E+00	0.00E+00	9.86E-13	2.04E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-06	1.86E-03	7.71E-01	0.00E+00	8.15E-11	2.29E-09	3.64E-04	1.31E-06	9.69E-04	0.00E+00	7.71E-01	2.26E-09	7.71E-01	7.62E-01	9.69E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-04
WH12645306P	2.34E-04	5.22E-02	4.57E-10	5.20E-02	2.05E-11	0.00E+00	3.47E-02	1.99E-08	1.25E-04	1.12E-03	0.00E+00	0.00E+00	9.86E-13	2.04E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-06	1.86E-03	7.71E-01	0.00E+00	8.15E-11	2.29E-09	3.64E-04	1.31E-06	9.69E-04	0.00E+00	7.71E-01	2.26E-09	7.71E-01	7.62E-01	9.69E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-04
WH12645700P	2.34E-04	5.22E-02	4.57E-10	5.20E-02	2.05E-11	0.00E+00	3.47E-02	1.99E-08	1.25E-04	1.12E-03	0.00E+00	0.00E+00	9.86E-13	2.04E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-06	1.86E-03	7.71E-01	0.00E+00	8.15E-11	2.29E-09	3.64E-04	1.31E-06	9.69E-04	0.00E+00	7.71E-01	2.26E-09	7.71E-01	7.62E-01	9.69E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-04
WH14583300Q	1.66E-04	2.60E-02	4.57E-10	2.59E-02	2.05E-11	0.00E+00	1.70E-02	9.63E-09	7.74E-05	8.45E-04	0.00E+00	0.00E+00	4.54E-13	8.81E-12	6.27E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	9.10E-04	3.56E-01	0.00E+00	3.96E-11	1.34E-09	2.12E-04	6.50E-07	4.84E-04	0.00E+00	3.56E-01	1.01E-09	3.56E-01	3.56E-01	4.84E-04	0.00E+00	0.00E+00	0.00E+00	9.84E-05
WH14585400Q	2.37E-04	3.77E-02	4.57E-10	3.76E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.05E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.62E-01	0.00E+00	5.78E-11	1.89E-09	3.03E-04	9.33E-07	6.98E-04	0.00E+00	5.62E-01	1.48E-09	5.62E-01	5.58E-01	6.98E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH14588300Q	1.66E-04	2.60E-02	4.57E-10	2.60E-02	2.05E-11	0.00E+00	1.70E-02	9.63E-09	7.74E-05	8.45E-04	0.00E+00	0.00E+00	4.54E-13	8.81E-12	6.27E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	9.10E-04	3.56E-01	0.00E+00	3.96E-11	1.34E-09	2.12E-04	6.50E-07	4.85E-04	0.00E+00	3.56E-01	1.01E-09	3.56E-01	3.56E-01	4.85E-04	0.00E+00	0.00E+00	0.00E+00	9.84E-05
WH14592200Q	2.37E-04	3.77E-02	4.57E-10	3.76E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.05E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.63E-01	0.00E+00	5.76E-11	1.89E-09	3.04E-04	9.35E-07	6.99E-04	0.00E+00	5.63E-01	1.48E-09	5.63E-01	5.58E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH14592205Q	2.37E-04	3.77E-02	4.57E-10	3.76E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.05E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.63E-01	0.00E+00	5.76E-11	1.89E-09	3.04E-04	9.35E-07	6.99E-04	0.00E+00	5.63E-01	1.48E-09	5.63E-01	5.58E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH14595200Q	2.37E-04	3.77E-02	4.57E-10	3.76E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.32E-03	5.63E-01	0.00E+00	5.76E-11	1.89E-09	3.04E-04	9.35E-07	6.99E-04	0.00E+00	5.63E-01	1.48E-09	5.63E-01	5.58E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH14595205Q	2.37E-04	3.77E-02	4.57E-10	3.76E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.32E-03	5.63E-01	0.00E+00	5.76E-11	1.89E-09	3.04E-04	9.35E-07	6.99E-04	0.00E+00	5.63E-01	1.48E-09	5.63E-01	5.58E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH14622300Q	2.01E-04	3.20E-02	4.57E-10	3.20E-02	2.05E-11	0.00E+00	2.08E-02	1.22E-08	9.53E-05	1.05E-03	0.00E+00	0.00E+00	5.64E-13	1.10E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	1.13E-03	4.53E-01	0.00E+00	4.91E-11	1.66E-09	2.63E-04	7.94E-07	5.99E-04	0.00E+00	4.53E-01	1.28E-09	4.53E-01	4.51E-01	5.99E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH14622305Q	2.01E-04	3.20E-02	4.57E-10	3.20E-02	2.05E-11	0.00E+00	2.08E-02	1.22E-08	9.53E-05	1.05E-03	0.00E+00	0.00E+00	5.64E-13	1.10E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	1.13E-03	4.53E-01	0.00E+00	4.91E-11	1.66E-09	2.63E-04	7.94E-07	5.99E-04	0.00E+00	4.53E-01	1.28E-09	4.53E-01	4.51E-01	5.99E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH14622306Q	2.01E-04	3.20E-02	4.57E-10	3.20E-02	2.05E-11	0.00E+00	2.08E-02	1.22E-08	9.53E-05	1.05E-03	0.00E+00	0.00E+00	5.64E-13	1.10E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	1.13E-03	4.53E-01	0.00E+00	4.91E-11	1.66E-09	2.63E-04	7.94E-07	5.99E-04	0.00E+00	4.53E-01	1.28E-09	4.53E-01	4.51E-01	5.99E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH14622700Q	2.01E-04	3.20E-02	4.57E-10	3.20E-02	2.05E-11	0.00E+00	2.08E-02	1.22E-08	9.53E-05	1.05E-03	0.00E+00	0.00E+00	5.64E-13	1.10E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	1.13E-03	4.53E-01	0.00E+00	4.91E-11	1.66E-09	2.63E-04	7.94E-07	5.99E-04	0.00E+00	4.53E-01	1.28E-09	4.53E-01	4.51E-01	5.99E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH14623300Q	1.83E-04	2.78E-02	4.57E-10	2.77E-02	2.05E-11	0.00E+00	1.82E-02	1.05E-08	8.30E-05	9.04E-04	0.00E+00	0.00E+00	4.90E-13	9.45E-12	6.78E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-06	9.75E-04	3.79E-01	0.00E+00	4.21E-11	1.44E-09	2.29E-04	7.01E-07	5.19E-04	0.00E+00	3.79E-01	1.09E-09	3.79E-01	3.82E-01	5.19E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04
WH14625300Q	2.01E-04	3.20E-02	4.57E-10	3.20E-02	2.05E-11	0.00E+00	2.08E-02	1.22E-08	9.53E-05	1.05E-03	0.00E+00	0.00E+00	5.64E-13	1.10E-11	7.87E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	1.13E-03	4.52E-01	0.00E+00	4.91E-11	1.66E-09	2.63E-04	7.94E-07	5.99E-04	0.00E+00	4.52E-01	1.27E-09	4.52E-01	4.50E-01	5.99E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH14625305Q	2.01E-04	3.20E-02	4.57E-10	3.20E-02	2.05E-11	0.00E+00	2.08E-02	1.22E-08	9.53E-05	1.05E-03	0.00E+00	0.00E+00	5.64E-13	1.10E-11	7.87E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	1.13E-03	4.52E-01	0.00E+00	4.91E-11	1.66E-09	2.63E-04	7.94E-07	5.99E-04	0.00E+00	4.52E-01	1.27E-09	4.52E-01	4.50E-01	5.99E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH14625700Q	1.81E-04	2.77E-02	4.57E-10	2.77E-02	2.05E-11	0.00E+00	1.82E-02	1.04E-08	8.29E-05	9.02E-04	0.00E+00	0.00E+00	4.89E-13	9.43E-12	6.78E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-06	9.73E-04	3.78E-01	0.00E+00	4.19E-11	1.43E-09	2.28E-04	6.99E-07	5.17E-04	0.00E+00	3.78E-01	1.08E-09	3.78E-01	3.83E-01	5.17E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04
WH14642300Q	2.10E-04	3.31E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	2.17E-02	1.24E-08	9.84E-05	1.08E-03	0.00E+00	0.00E+00	5.83E-13	1.13E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	1.16E-03	4.62E-01	0.00E+00	5.08E-11	1.71E-09	2.72E-04	8.29E-07	6.17E-04	0.00E+00	4.62E-01	1.31E-09	4.62E-01	4.63E-01	6.17E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
WH14642305Q	2.13E-04	3.35E-02	4.57E-10	3.35E-02	2.05E-11	0.00E+00	2.20E-02	1.25E-08	9.90E-05	1.09E-03	0.00E+00	0.00E+00	5.91E-13	1.15E-11	8.16E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-06	1.18E-03	4.66E-01	0.00E+00	5.15E-11	1.73E-09	2.75E-04	8.37E-07	6.24E-04	0.00E+00	4.66E-01	1.32E-09	4.66E-01	4.66E-01	6.24E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
WH14642306Q	2.13E-04	3.35E-02	4.57E-10	3.35E-02	2.05E-11	0.00E+00	2.20E-02	1.25E-08	9.90E-05	1.09E-03	0.00E+00	0.00E+00	5.91E-13	1.15E-11	8.16E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-06	1.18E-03	4.66E-01	0.00E+00	5.15E-11	1.73E-09	2.75E-04	8.37E-07	6.24E-04	0.00E+00	4.66E-01	1.32E-09	4.66E-01	4.66E-01	6.24E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
WH14642700Q	2.13E-04	3.35E-02	4.57E-10	3.35E-02	2.05E-11	0.00E+00	2.19E-02	1.25E-08	9.90E-05	1.09E-03	0.00E+00	0.00E+00	5.90E-13	1.14E-11	8.14E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-06	1.18E-03	4.66E-01	0.00E+00	5.14E-11	1.72E-09	2.74E-04	8.36E-07	6.24E-04	0.00E+00	4.66E-01	1.32E-09	4.66E-01	4.66E-01	6.24E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
WH14914500Q	4.28E-04	6.86E-02	4.57E-10	6.88E-02	2.05E-11	0.00E+00	4.69E-02	2.65E-08	1.94E-04	2.17E-03	0.00E+00	0.00E+00	1.31E-12	2.65E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.51E-03	9.84E-01	0.00E+00	1.10E-10	3.41E-09	5.58E-04	1.74E-06	1.29E-03	0.00E+00	9.84E-01	2.94E-09	9.84E-01	9.78E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.93E-04
WH14916500Q	1.13E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.21E-02	6.70E-09	5.25E-05	5.52E-04	0.00E+00	0.00E+00	3.17E-13	6.52E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.24E-04	2.49E-01	0.00E+00	2.77E-11	9.06E-10	1.42E-04	4.45E-07	3.39E-04	0.00E+00	2.49E-01	7.02E-10	2.49E-01	2.48E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
WH20580300A	5.16E-05	8.14E-03	0.00E+00	8.14E-03	0.00E+00	0.00E+00	5.34E-03	3.06E-09	2.42E-05	2.65E-04	0.00E+00	0.00E+00	1.43E-13	2.77E-12	1.98E-05	0.00E+00	0.00E+00	0.00E+00	7.20E-07	2.86E-04	1.14E-01	0.00E+00	1.25E-11	4.20E-10	6.69E-05	2.04E-07	1.52E-04	0.00E+00	1.14E-01	3.21E-10	1.14E-01	1.14E-01	1.52E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05
WH20580300B	6.68E-05	1.05E-02	0.00E+00	1.05E-02	0.00E+00	0.00E+00	6.91E-03	3.96E-09	3.13E-05	3.43E-04	0.00E+00	0.00E+00	1.85E-13	3.59E-12	2.57E-05	0.00E+00	0.00E+00	0.00E+00	9.32E-07	3.70E-04	1.47E-01	0.00E+00	1.62E-11	5.43E-10	8.66E-05	2.64E-07	1.96E-04	0.00E+00	1.47E-01	4.15E-10	1.47E-01	1.47E-01	1.96E-04	0.00E+00	0.00E+00	0.00E+00	4.00E-05
WH20580303A	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.00E-05	1.56E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.92E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.66E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20580303B	6.41E-05	1.02E-02	4.57E-10	1.03E-02	2.05E-11	0.00E+00	6.50E-03	4.76E-09	3.05E-05	3.34E-04	0.00E+00	0.00E+00	1.83E-13	3.58E-12	2.54E-05	0.00E+00	0.00E+00	0.00E+00	9.22E-07	3.71E-04	1.44E-01	0.00E+00	1.60E-11	5.28E-10	8.41E-05	2.63E-07	1.98E-04	0.00E+00	1.44E-01	5.73E-10	1.44E-01	1.44E-01	1.98E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-05
WH20580304A	8.45E-05	1.33E-02	4.57E-10	1.33E-02	2.05E-11	0.00E+00	8.79E-03	5.04E-09	3.97E-05	4.37E-04	0.00E+00	0.00E+00	2.36E-13	4.55E-12	3.27E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-06	4.66E-04	1.87E-01	0.00E+00	2.04E-11	6.89E-10	1.10E-04	3.34E-07	2.49E-04	0.00E+00	1.87E-01	5.27E-10	1.87E-01	1.87E-01	2.49E-04	0.00E+00	0.00E+00	0.00E+00	5.09E-05
WH20580304B	6.41E-05	1.02E-02	4.57E-10	1.03E-02	2.05E-11	0.00E+00	6.50E-03	4.76E-09	3.05E-05	3.34E-04	0.00E+00	0.00E+00	1.83E-13	3.58E-12	2.54E-05	0.00E+00	0.00E+00	0.00E+00	9.22E-07	3.71E-04	1.44E-01	0.00E+00	1.60E-11	5.28E-10	8.41E-05	2.63E-07	1.98E-04	0.00E+00	1.44E-01	5.73E-10	1.44E-01	1.44E-01	1.98E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-05
WH20580305A	5.04E-05	7.94E-03	0.00E+00	7.94E-03	0.00E+00	0.00E+00	5.21E-03	2.98E-09	2.36E-05	2.59E-04	0.00E+00	0.00E+00	1.40E-13	2.70E-12	1.94E-05	0.00E+00	0.00E+00	0.00E+00	7.03E-07	2.79E-04	1.11E-01	0.00E+00	1.22E-11	4.09E-10	6.53E-05	1.99E-07	1.48E-04	0.00E+00	1.11E-01	3.13E-10	1.11E-01	1.11E-01	1.48E-04	0.00E+00	0.00E+00	0.00E+00	3.02E-05
WH20580305B	6.41E-05	1.02E-02	4.57E-10	1.03E-02	2.05E-11	0.00E+00	6.50E-03	4.76E-09	3.05E-05	3.34E-04	0.00E+00	0.00E+00	1.83E-13	3.58E-12	2.54E-05	0.00E+00	0.00E+00	0.00E+00	9.22E-07	3.71E-04	1.44E-01	0.00E+00	1.60E-11	5.28E-10	8.41E-05	2.63E-07	1.98E-04	0.00E+00	1.44E-01	5.73E-10	1.44E-01	1.44E-01	1.98E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-05
WH20580306A	7.98E-05	1.25E-02	4.57E-10	1.24E-02	2.05E-11	0.00E+00	8.14E-03	4.68E-09	3.71E-05	4.05E-04	0.00E+00	0.00E+00	2.18E-13	4.20E-12	3.08E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-06	4.38E-04	1.75E-01	0.00E+00	1.94E-11	6.44E-10	1.02E-04	3.13E-07	2.38E-04	0.00E+00	1.75E-01	4.84E-10	1.75E-01	1.74E-01	2.38E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-05
WH20580306B	6.41E-05	1.02E-02	4.57E-10	1.03E-02	2.05E-11	0.00E+00	6.50E-03	4.76E-09	3.05E-05	3.34E-04	0.00E+00	0.00E+00	1.83E-13	3.58E-12	2.54E-05	0.00E+00	0.00E+00	0.00E+00	9.22E-07	3.71E-04	1.44E-01	0.00E+00	1.60E-11	5.28E-10	8.41E-05	2.63E-07	1.98E-04	0.00E+00	1.44E-01	5.73E-10	1.44E-01	1.44E-01	1.98E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-05
WH20580307A	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.00E-05	1.56E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.92E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.66E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20580307B	6.41E-05	1.02E-02	4.57E-10	1.03E-02	2.05E-11	0.00E+00	6.50E-03	4.76E-09	3.05E-05	3.34E-04	0.00E+00	0.00E+00	1.83E-13	3.58E-12	2.54E-05	0.00E+00	0.00E+00	0.00E+00	9.22E-07	3.71E-04	1.44E-01	0.00E+00	1.60E-11	5.28E-10	8.41E-05	2.63E-07	1.98E-04	0.00E+00	1.44E-01	5.73E-10	1.44E-01	1.44E-01	1.98E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-05
WH20580309A	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.00E-05	1.56E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.92E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.66E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20583300B	5.87E-05	9.37E-03	4.57E-10	9.37E-03	2.05E-11	0.00E+00	6.03E-03	3.66E-09	2.76E-05	3.06E-04	0.00E+00	0.00E+00	1.65E-13	3.18E-12	2.26E-05	0.00E+00	0.00E+00	0.00E+00	8.27E-07	3.44E-04	1.30E-01	0.00E+00	1.42E-11	4.83E-10	7.30E-05	2.49E-07	1.85E-04	0.00E+00	1.30E-01	4.68E-10	1.30E-01	1.31E-01	1.85E-04	0.00E+00	0.00E+00	0.00E+00	3.56E-05
WH20583303B	5.86E-05	9.35E-03	4.57E-10	9.35E-03	2.05E-11	0.00E+00	6.04E-03	3.66E-09	2.74E-05	3.00E-04	0.00E+00	0.00E+00	1.65E-13	3.18E-12	2.26E-05	0.00E+00	0.00E+00	0.00E+00	8.25E-07	3.46E-04	1.30E-01	0.00E+00	1.42E-11	4.82E-10	7.27E-05	2.48E-07	1.86E-04	0.00E+00	1.30E-01	4.69E-10	1.30E-01	1.31E-01	1.86E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05
WH20583306A	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.17E-05	5.54E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.55E-04	2.60E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.51E-07	3.47E-04	0.00E+00	2.60E-01	7.14E-10	2.60E-01	2.60E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH20583306B	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.54E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.55E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.51E-07	3.47E-04	0.00E+00	2.59E-01	7.13E-10	2.59E-01	2.60E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH20585300A	5.06E-05	7.98E-03	0.00E+00	7.98E-03	0.00E+00	0.00E+00	5.23E-03	3.00E-09	2.37E-05	2.60E-04	0.00E+00	0.00E+00	1.40E-13	2.72E-12	1.95E-05	0.00E+00	0.00E+00	0.00E+00	7.06E-07	2.80E-04	1.11E-01	0.00E+00	1.22E-11	4.11E-10	6.56E-05	2.00E-07	1.49E-04	0.00E+00	1.11E-01	3.15E-10	1.11E-01	1.12E-01	1.49E-04	0.00E+00	0.00E+00	0.00E+00	3.03E-05
WH20585300B	5.03E-05	7.92E-03	0.00E+00	7.92E-03	0.00E+00	0.00E+00	5.20E-03	2.98E-09	2.36E-05	2.58E-04	0.00E+00	0.00E+00	1.39E-13	2.70E-12	1.93E-05	0.00E+00	0.00E+00	0.00E+00	7.02E-07	2.79E-04	1.11E-01	0.00E+00	1.22E-11	4.09E-10	6.52E-05	1.98E-07	1.48E-04	0.00E+00	1.11E-01	3.12E-10	1.11E-01	1.11E-01	1.48E-04	0.00E+00	0.00E+00	0.00E+00	3.01E-05
WH20585303A	3.40E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.00E-05	1.55E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.92E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.66E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20585303B	6.30E-05	1.01E-02	4.57E-10	1.01E-02	2.05E-11	0.00E+00	6.50E-03	4.63E-09	2.94E-05	3.26E-04	0.00E+00	0.00E+00	1.78E-13	3.41E-12	2.41E-05	0.00E+00	0.00E+00	0.00E+00	8.89E-07	3.60E-04	1.41E-01	0.00E+00	1.52E-11	5.11E-10	8.12E-05	2.58E-07	1.93E-04	0.00E+00	1.41E-01	5.90E-10	1.41E-01	1.41E-01	1.93E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-05
WH20585304A	3.40E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.00E-05	1.55E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.92E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.66E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20585305A	3.40E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.00E-05	1.55E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.92E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.66E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20585305B	6.30E-05	1.01E-02	4.57E-10	1.01E-02	2.05E-11	0.00E+00	6.50E-03	4.63E-09	2.94E-05	3.26E-04	0.00E+00	0.00E+00	1.78E-13	3.41E-12	2.41E-05	0.00E+00	0.00E+00	0.00E+00	8.89E-07	3.60E-04	1.41E-01	0.00E+00	1.52E-11	5.11E-10	8.12E-05	2.58E-07	1.93E-04	0.00E+00	1.41E-01	5.90E-10	1.41E-01	1.41E-01	1.93E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-05
WH20585306A	8.44E-05	1.33E-02	4.57E-10	1.33E-02	2.05E-11	0.00E+00	8.77E-03	5.52E-09	3.97E-05	4.35E-04	0.00E+00	0.00E+00	2.35E-13	4.52E-12	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-06	4.65E-04	1.86E-01	0.00E+00	2.04E-11	6.88E-10	1.09E-04	3.34E-07	2.48E-04	0.00E+00	1.86E-01	5.88E-10	1.86E-01	1.86E-01	2.48E-04	0.00E+00	0.00E+00	0.00E+00	5.06E-05
WH20585306B	6.30E-05	1.01E-02	4.57E-10	1.01E-02	2.05E-11	0.00E+00	6.50E-03	4.63E-09	2.94E-05	3.26E-04	0.00E+00	0.00E+00	1.78E-13	3.41E-12	2.41E-05	0.00E+00	0.00E+00	0.00E+00	8.89E-07	3.60E-04	1.41E-01	0.00E+00	1.52E-11	5.11E-10	8.12E-05	2.58E-07	1.93E-04	0.00E+00	1.41E-01	5.90E-10	1.41E-01	1.41E-01	1.93E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-05
WH20585307A	3.40E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.00E-05	1.55E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.92E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.66E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20585307B	6.30E-05	1.01E-02	4.57E-10	1.01E-02	2.05E-11	0.00E+00	6.50E-03	4.63E-09	2.94E-05	3.26E-04	0.00E+00	0.00E+00	1.78E-13	3.41E-12	2.41E-05	0.00E+00	0.00E+00	0.00E+00	8.89E-07	3.60E-04	1.41E-01	0.00E+00	1.52E-11	5.11E-10	8.12E-05	2.58E-07	1.93E-04	0.00E+00	1.41E-01	5.90E-10	1.41E-01	1.41E-01	1.93E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-05
WH20585309A	3.40E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.00E-05	1.55E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.92E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.66E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20585400A	9.81E-05	1.50E-02	4.57E-10	1.50E-02	2.05E-11	0.00E+00	9.92E-03	5.88E-09	4.62E-05	4.87E-04	0.00E+00	0.00E+00	2.65E-13	5.12E-12	3.68E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.27E-04	2.09E-01	0.00E+00	2.31E-11	8.01E-10	1.24E-04	3.76E-07	2.80E-04	0.00E+00	2.09E-01	6.20E-10	2.09E-01	2.10E-01	2.80E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-05
WH20585400B	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.68E-09	5.27E-05	5.68E-04	0.00E+00	0.00E+00	3.15E-13	6.06E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.14E-04	2.47E-01	0.00E+00	2.73E-11	9.11E-10	1.45E-04	4.39E-07	3.30E-04	0.00E+00	2.47E-01	7.02E-10	2.47E-01	2.49E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
WH20585403A	9.81E-05	1.49E-02	4.57E-10	1.49E-02	2.05E-11	0.00E+00	9.91E-03	5.87E-09	4.61E-05	4.86E-04	0.00E+00	0.00E+00	2.65E-13	5.11E-12	3.68E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.27E-04	2.09E-01	0.00E+00	2.31E-11	8.00E-10	1.24E-04	3.75E-07	2.80E-04	0.00E+00	2.09E-01	6.20E-10	2.09E-01	2.10E-01	2.80E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-05
WH20585404A	9.81E-05	1.49E-02	4.57E-10	1.49E-02	2.05E-11	0.00E+00	9.91E-03	5.87E-09	4.61E-05	4.86E-04	0.00E+00	0.00E+00	2.65E-13	5.11E-12	3.68E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.27E-04	2.09E-01	0.00E+00	2.31E-11	8.00E-10	1.24E-04	3.75E-07	2.80E-04	0.00E+00	2.09E-01	6.20E-10	2.09E-01	2.10E-01	2.80E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-05
WH20585404B	3.47E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.64E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.81E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20585405A	9.81E-05	1.49E-02	4.57E-10	1.49E-02	2.05E-11	0.00E+00	9.91E-03	5.87E-09	4.61E-05	4.86E-04	0.00E+00	0.00E+00	2.65E-13	5.11E-12	3.68E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.27E-04	2.09E-01	0.00E+00	2.31E-11	8.00E-10	1.24E-04	3.75E-07	2.80E-04	0.00E+00	2.09E-01	6.20E-10	2.09E-01	2.10E-01	2.80E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-05
WH20585405B	3.47E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.64E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.81E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20588300B	5.86E-05	9.37E-03	4.57E-10	9.37E-03	2.05E-11	0.00E+00	6.04E-03	3.66E-09	2.74E-05	3.02E-04	0.00E+00	0.00E+00	1.64E-13	3.18E-12	2.26E-05	0.00E+00	0.00E+00	0.00E+00	8.27E-07	3.44E-04	1.30E-01	0.00E+00	1.42E-11	4.82E-10	7.27E-05	2.49E-07	1.85E-04	0.00E+00	1.30E-01	4.68E-10	1.30E-01	1.31E-01	1.85E-04	0.00E+00	0.00E+00	0.00E+00	3.56E-05

WH20588303B	5.86E-05	9.35E-03	4.57E-10	9.35E-03	2.05E-11	0.00E+00	6.04E-03	3.66E-09	2.74E-05	3.00E-04	0.00E+00	0.00E+00	1.65E-13	3.18E-12	2.26E-05	0.00E+00	0.00E+00	0.00E+00	8.25E-07	3.46E-04	1.30E-01	0.00E+00	1.42E-11	4.82E-10	7.26E-05	2.48E-07	1.86E-04	0.00E+00	1.30E-01	4.69E-10	1.30E-01	1.31E-01	1.86E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05
WH20588305B	5.86E-05	9.35E-03	4.57E-10	9.35E-03	2.05E-11	0.00E+00	6.04E-03	3.66E-09	2.74E-05	3.00E-04	0.00E+00	0.00E+00	1.65E-13	3.18E-12	2.26E-05	0.00E+00	0.00E+00	0.00E+00	8.25E-07	3.46E-04	1.30E-01	0.00E+00	1.42E-11	4.82E-10	7.26E-05	2.48E-07	1.86E-04	0.00E+00	1.30E-01	4.69E-10	1.30E-01	1.31E-01	1.86E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05
WH20588306B	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.55E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.51E-07	3.47E-04	0.00E+00	2.59E-01	7.13E-10	2.59E-01	2.60E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH20592200A	1.02E-04	1.51E-02	0.00E+00	1.51E-02	0.00E+00	0.00E+00	9.93E-03	5.69E-09	4.50E-05	4.94E-04	0.00E+00	0.00E+00	2.66E-13	5.15E-12	3.69E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-06	5.32E-04	2.11E-01	0.00E+00	2.32E-11	7.81E-10	1.24E-04	3.79E-07	2.82E-04	0.00E+00	2.11E-01	5.97E-10	2.11E-01	2.12E-01	2.82E-04	0.00E+00	0.00E+00	0.00E+00	5.76E-05
WH20592200B	3.54E-05	5.07E-03	4.57E-10	5.08E-03	2.05E-11	0.00E+00	3.27E-03	1.51E-09	1.05E-05	1.71E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	9.92E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.49E-02	0.00E+00	6.14E-12	1.97E-10	3.08E-05	1.12E-07	8.87E-05	0.00E+00	5.49E-02	1.85E-10	5.49E-02	5.73E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20592203A	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.65E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20592204A	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.64E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.81E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20592204B	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.64E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.81E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20592205A	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.65E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20592207A	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.65E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20592209A	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.65E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20592209B	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.65E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20593200A	7.27E-05	1.15E-02	0.00E+00	1.15E-02	0.00E+00	0.00E+00	7.52E-03	4.31E-09	3.41E-05	3.74E-04	0.00E+00	0.00E+00	2.02E-13	3.90E-12	2.80E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-06	4.03E-04	1.60E-01	0.00E+00	1.76E-11	5.91E-10	9.43E-05	2.87E-07	2.14E-04	0.00E+00	1.60E-01	4.52E-10	1.60E-01	1.60E-01	2.14E-04	0.00E+00	0.00E+00	0.00E+00	4.36E-05
WH20593203A	2.26E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.27E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.31E-03	5.05E-01	0.00E+00	5.53E-11	1.85E-09	2.87E-04	9.15E-07	6.78E-04	0.00E+00	5.05E-01	1.44E-09	5.05E-01	5.08E-01	6.78E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH20593204A	2.26E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.27E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.31E-03	5.05E-01	0.00E+00	5.53E-11	1.85E-09	2.87E-04	9.15E-07	6.78E-04	0.00E+00	5.05E-01	1.44E-09	5.05E-01	5.08E-01	6.78E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH20593205A	2.26E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.27E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.31E-03	5.05E-01	0.00E+00	5.53E-11	1.85E-09	2.87E-04	9.15E-07	6.78E-04	0.00E+00	5.05E-01	1.44E-09	5.05E-01	5.08E-01	6.78E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH20593205B	2.26E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.27E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.31E-03	5.04E-01	0.00E+00	5.53E-11	1.85E-09	2.87E-04	9.14E-07	6.78E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.08E-01	6.78E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH20593207B	2.26E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.27E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.31E-03	5.04E-01	0.00E+00	5.53E-11	1.85E-09	2.87E-04	9.14E-07	6.78E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.08E-01	6.78E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH20593209B	2.26E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.27E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.31E-03	5.04E-01	0.00E+00	5.53E-11	1.85E-09	2.87E-04	9.14E-07	6.78E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.08E-01	6.78E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH20595200A	9.60E-05	1.51E-02	0.00E+00	1.51E-02	0.00E+00	0.00E+00	9.93E-03	5.69E-09	4.50E-05	4.94E-04	0.00E+00	0.00E+00	2.66E-13	5.15E-12	3.69E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-06	5.32E-04	2.11E-01	0.00E+00	2.32E-11	7.81E-10	1.24E-04	3.79E-07	2.82E-04	0.00E+00	2.11E-01	5.97E-10	2.11E-01	2.12E-01	2.82E-04	0.00E+00	0.00E+00	0.00E+00	5.76E-05
WH20595200B	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.68E-09	5.27E-05	5.68E-04	0.00E+00	0.00E+00	3.15E-13	6.06E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.14E-04	2.48E-01	0.00E+00	2.73E-11	9.11E-10	1.45E-04	4.39E-07	3.30E-04	0.00E+00	2.48E-01	7.02E-10	2.48E-01	2.49E-01	3.30E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
WH20595203A	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.65E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20595203B	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.65E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20595204A	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.65E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20595205A	1.01E-04	1.54E-02	4.57E-10	1.54E-02	2.05E-11	0.00E+00	1.03E-02	5.84E-09	4.73E-05	5.07E-04	0.00E+00	0.00E+00	2.75E-13	5.27E-12	3.96E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-06	5.46E-04	2.14E-01	0.00E+00	2.42E-11	8.17E-10	1.28E-04	3.86E-07	2.91E-04	0.00E+00	2.14E-01	6.10E-10	2.14E-01	2.15E-01	2.91E-04	0.00E+00	0.00E+00	0.00E+00	5.89E-05
WH20595206A	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.30E-05	5.77E-04	0.00E+00	0.00E+00	3.18E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.20E-04	2.49E-01	0.00E+00	2.75E-11	9.18E-10	1.47E-04	4.43E-07	3.33E-04	0.00E+00	2.49E-01	7.09E-10	2.49E-01	2.51E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05
WH20595206B	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.65E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20595207A	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.65E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20595209A	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.01E-05	1.65E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.02E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH20596200A	7.25E-05	1.14E-02	0.00E+00	1.14E-02	0.00E+00	0.00E+00	7.50E-03	4.29E-09	3.40E-05	3.73E-04	0.00E+00	0.00E+00	2.01E-13	3.89E-12	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-06	4.02E-04	1.60E-01	0.00E+00	1.75E-11	5.89E-10	9.40E-05	2.86E-07	2.13E-04	0.00E+00	1.60E-01	4.51E-10	1.60E-01	1.60E-01	2.13E-04	0.00E+00	0.00E+00	0.00E+00	4.35E-05
WH20596204A	2.26E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.29E-03	5.04E-01	0.00E+00	5.53E-11	1.85E-09	2.88E-04	9.13E-07	6.77E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.04E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH20596205A	2.26E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.29E-03	5.04E-01	0.00E+00	5.53E-11	1.85E-09	2.88E-04	9.13E-07	6.77E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.04E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH20596205B	2.26E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	8.83E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.29E-03	5.04E-01	0.00E+00	5.53E-11	1.85E-09	2.88E-04	9.11E-07	6.77E-04	0.00E+00	5.04E-01	1.43E-09	5.04E-01	5.04E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH20596206A	2.26E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.29E-03	5.04E-01	0.00E+00	5.53E-11	1.85E-09	2.88E-04	9.13E-07	6.77E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.04E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH20596207A	2.26E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.29E-03	5.04E-01	0.00E+00	5.53E-11	1.85E-09	2.88E-04	9.13E-07	6.77E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.04E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH20600700A	1.17E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.21E-02	6.94E-09	5.49E-05	6.03E-04	0.00E+00	0.00E+00	3.25E-13	6.29E-12	4.51E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.50E-04	2.58E-01	0.00E+00	2.84E-11	9.53E-10	1.52E-04	4.63E-07	3.44E-04	0.00E+00	2.58E-01	7.28E-10	2.58E-01	2.58E-01	3.44E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-05
WH20620100A	3.40E-05	4.91E-03	4.57E-10	4.90E-03	2.05E-11	0.00E+00	3.13E-03	1.87E-09	1.08E-05	1.64E-04	0.00E+00	0.00E+00	7.60E-14	1.95E-12	1.53E-05	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.52E-02	0.00E+00	6.55E-12	1.97E-10	3.27E-05	1.22E-07	8.77E-05	0.00E+00	5.52E-02	2.66E-10	5.52E-02	5.60E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05
WH20620107A	3.37E-05	4.90E-03	4.57E-10	4.90E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.05E-05	1.59E-04	0.00E+00	0.00E+00	7.60E-14	2.23E-12	1.52E-05	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.50E-02	0.00E+00	6.52E-12	1.89E-10	3.21E-05	1.21E-07	8.77E-05	0.00E+00	5.50E-02	2.67E-10	5.50E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05
WH20620300A	6.95E-05	1.10E-02	0.00E+00	1.10E-02	0.00E+00	0.00E+00	7.18E-03	4.11E-09	3.26E-05	3.57E-04	0.00E+00	0.00E+00	1.93E-13	3.73E-12	2.67E-05	0.00E+00	0.00E+00	0.00E+00	9.70E-07	3.85E-04	1.53E-01	0.00E+00	1.68E-11	5.65E-10	9.01E-05	2.74E-07	2.04E-04	0.00E+00	1.53E-01	4.32E-10	1.53E-01	1.53E-01	2.04E-04	0.00E+00	0.00E+00	0.00E+00	4.17E-05
WH20620300B	3.48E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.88E-09	1.09E-05	1.64E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.79E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.51E-02	0.00E+00	6.55E-12	1.97E-10	3.20E-05	1.22E-07	8.77E-05	0.00E+00	5.51E-02	2.67E-10	5.51E-02	5.60E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20620303A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20620303B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20620304A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20620304B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20620305A	6.06E-05	9.56E-03	0.00E+00	9.56E-03	0.00E+00	0.00E+00	6.27E-03	3.59E-09	2.84E-05	3.12E-04	0.00E+00	0.00E+00	1.68E-13	3.26E-12	2.33E-05	0.00E+00	0.00E+00	0.00E+00	8.47E-07	3.36E-04	1.34E-01	0.00E+00	1.47E-11	4.93E-10	7.87E-05	2.39E-07	1.78E-04	0.00E+00	1.34E-01	3.77E-10	1.34E-01	1.34E-01	1.78E-04	0.00E+00	0.00E+00	0.00E+00	3.64E-05
WH20620305B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20620306A	8.44E-05	1.33E-02	4.57E-10	1.33E-02	2.05E-11	0.00E+00	8.76E-03	5.51E-09	3.96E-05	4.35E-04	0.00E+00	0.00E+00	2.35E-13	4.50E-12	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-06	4.66E-04	1.86E-01	0.00E+00	2.04E-11	6.87E-10	1.09E-04	3.33E-07	2.48E-04	0.00E+00	1.86E-01	5.87E-10	1.86E-01	1.86E-01	2.48E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-05
WH20620306B	8.44E-05	1.33E-02	4.57E-10	1.33E-02	2.05E-11	0.00E+00	8.77E-03	5.51E-09	3.96E-05	4.35E-04	0.00E+00	0.00E+00	2.35E-13	4.51E-12	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-06	4.66E-04	1.86E-01	0.00E+00	2.04E-11	6.87E-10	1.10E-04	3.33E-07	2.48E-04	0.00E+00	1.86E-01	5.55E-10	1.86E-01	1.86E-01	2.48E-04	0.00E+00	0.00E+00	0.00E+00	5.06E-05
WH20620307A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20620309A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20620309B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20620700A	7.03E-05	1.11E-02	0.00E+00	1.11E-02	0.00E+00	0.00E+00	7.27E-03	4.16E-09	3.30E-05	3.61E-04	0.00E+00	0.00E+00	1.95E-13	3.77E-12	2.70E-05	0.00E+00	0.00E+00	0.00E+00	9.81E-07	3.90E-04	1.55E-01	0.00E+00	1.70E-11	5.72E-10	9.12E-05	2.78E-07	2.07E-04	0.00E+00	1.55E-01	4.37E-10	1.55E-01	1.55E-01	2.07E-04	0.00E+00	0.00E+00	0.00E+00	4.22E-05
WH20620700B	7.24E-05	1.14E-02	0.00E+00	1.14E-02	0.00E+00	0.00E+00	7.49E-03	4.29E-09	3.39E-05	3.72E-04	0.00E+00	0.00E+00	2.01E-13	3.89E-12	2.78E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-06	4.01E-04	1.59E-01	0.00E+00	1.75E-11	5.89E-10	9.39E-05	2.86E-07	2.13E-04	0.00E+00	1.59E-01	4.50E-10	1.59E-01	1.60E-01	2.13E-04	0.00E+00	0.00E+00	0.00E+00	4.34E-05
WH20620703A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20620704A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20620705A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20620705B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20620707A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20620709A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20623305B	7.30E-05	1.15E-02	4.57E-10	1.15E-02	2.05E-11	0.00E+00	7.47E-03	4.33E-09	3.41E-05	3.73E-04	0.00E+00	0.00E+00	2.02E-13	3.90E-12	2.77E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-06	4.03E-04	1.61E-01	0.00E+00	1.75E-11	5.91E-10	9.36E-05	2.86E-07	2.15E-04	0.00E+00	1.61E-01	4.68E-10	1.61E-01	1.62E-01	2.15E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-05
WH20623306B	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.20E-02	6.80E-09	5.17E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.18E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.54E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.51E-07	3.46E-04	0.00E+00	2.59E-01	7.13E-10	2.59E-01	2.59E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH20625300A	6.91E-05	1.09E-02	0.00E+00	1.09E-02	0.00E+00	0.00E+00	7.15E-03	4.09E-09	3.24E-05	3.55E-04	0.00E+00	0.00E+00	1.92E-13	3.71E-12	2.66E-05	0.00E+00	0.00E+00	0.00E+00	9.65E-07	3.83E-04	1.52E-01	0.00E+00	1.67E-11	5.62E-10	8.97E-05	2.73E-07	2.03E-04	0.00E+00	1.52E-01	4.30E-10	1.52E-01	1.52E-01	2.03E-04	0.00E+00	0.00E+00	0.00E+00	4.15E-05
WH20625300B	9.28E-05	1.46E-02	0.00E+00	1.46E-02	0.00E+00	0.00E+00	9.60E-03	5.50E-09	4.35E-05	4.77E-04	0.00E+00	0.00E+00	2.57E-13	4.98E-12	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.14E-04	2.04E-01	0.00E+00	2.25E-11	7.55E-10	1.20E-04	3.66E-07	2.73E-04	0.00E+00	2.04E-01	5.77E-10	2.04E-01	2.05E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	5.56E-05
WH20625303A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20625303B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20625304A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20625305A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20625305B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20625306A	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.30E-05	5.76E-04	0.00E+00	0.00E+00	3.17E-13	6.12E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.20E-04	2.49E-01	0.00E+00	2.75E-11	9.18E-10	1.46E-04	4.42E-07	3.33E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.50E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
WH20625306B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20625307A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20625309A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20625700A	6.23E-05	9.86E-03	4.57E-10	9.87E-03	2.05E-11	0.00E+00	6.43E-03	3.85E-09	2.92E-05	3.21E-04	0.00E+00	0.00E+00	1.79E-13	3.36E-12	2.39E-05	0.00E+00	0.00E+00	0.00E+00	8.79E-07	3.52E-04	1.39E-01	0.00E+00	1.50E-11	5.06E-10	8.08E-05	2.47E-07	1.90E-04	0.00E+00	1.39E-01	5.09E-10	1.39E-01	1.40E-01	1.90E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-05
WH20625700B	7.29E-05	1.14E-02	4.57E-10	1.14E-02	2.05E-11	0.00E+00	7.47E-03	4.28E-09	3.39E-05	3.70E-04	0.00E+00	0.00E+00	2.00E-13	3.87E-12	2.74E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-06	4.00E-04	1.59E-01	0.00E+00	1.74E-11	5.87E-10	9.32E-05	2.85E-07	2.15E-04	0.00E+00	1.59E-01	4.66E-10	1.59E-01	1.60E-01	2.15E-04	0.00E+00	0.00E+00	0.00E+00	4.32E-05
WH20625704A	6.23E-05	9.86E-03	4.57E-10	9.87E-03	2.05E-11	0.00E+00	6.44E-03	3.86E-09	2.92E-05	3.21E-04	0.00E+00	0.00E+00	1.78E-13	3.36E-12	2.40E-05	0.00E+00	0.00E+00	0.00E+00	8.79E-07	3.52E-04	1.38E-01	0.00E+00	1.50E-11	5.06E-10	8.06E-05	2.47E-07	1.91E-04	0.00E+00	1.38E-01	5.11E-10	1.38E-01	1.40E-01	1.91E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-05
WH20625705A	6.23E-05	9.86E-03	4.57E-10	9.87E-03	2.05E-11	0.00E+00	6.44E-03	3.86E-09	2.92E-05	3.21E-04	0.00E+00	0.00E+00	1.78E-13	3.36E-12	2.40E-05	0.00E+00	0.00E+00	0.00E+00	8.79E-07	3.52E-04	1.38E-01	0.00E+00	1.50E-11	5.06E-10	8.06E-05	2.47E-07	1.91E-04	0.00E+00	1.38E-01	5.11E-10	1.38E-01	1.40E-01	1.91E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-05
WH20625705B	7.30E-05	1.14E-02	4.57E-10	1.14E-02	2.05E-11	0.00E+00	7.48E-03	4.29E-09	3.39E-05	3.71E-04	0.00E+00	0.00E+00	2.00E-13	3.87E-12	2.74E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-06	4.00E-04	1.59E-01	0.00E+00	1.74E-11	5.87E-10	9.32E-05	2.85E-07	2.15E-04	0.00E+00	1.59E-01	4.67E-10	1.59E-01	1.60E-01	2.15E-04	0.00E+00	0.00E+00	0.00E+00	4.32E-05
WH20625709B	7.30E-05	1.14E-02	4.57E-10	1.14E-02	2.05E-11	0.00E+00	7.48E-03	4.29E-09	3.39E-05	3.71E-04	0.00E+00	0.00E+00	2.00E-13	3.87E-12	2.74E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-06	4.00E-04	1.59E-01	0.00E+00	1.74E-11	5.87E-10	9.32E-05	2.85E-07	2.15E-04	0.00E+00	1.59E-01	4.67E-10	1.59E-01	1.60E-01	2.15E-04	0.00E+00	0.00E+00	0.00E+00	4.32E-05
WH20640100A	8.49E-05	1.34E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	8.78E-03	5.03E-09	3.98E-05	4.36E-04	0.00E+00	0.00E+00	2.36E-13	4.56E-12	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-06	4.70E-04	1.87E-01	0.00E+00	2.05E-11	6.90E-10	1.10E-04	3.35E-07	2.49E-04	0.00E+00	1.87E-01	5.28E-10	1.87E-01	1.87E-01	2.49E-04	0.00E+00	0.00E+00	0.00E+00	5.09E-05
WH20640107A	3.38E-05	4.90E-03	4.57E-10	4.90E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.04E-05	1.59E-04	0.00E+00	0.00E+00	7.50E-14	2.23E-12	1.52E-05	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.48E-12	1.87E-10	3.20E-05	1.20E-07	8.77E-05	0.00E+00	5.49E-02	2.63E-10	5.49E-02	5.62E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH20640300A	8.25E-05	1.30E-02	0.00E+00	1.30E-02	0.00E+00	0.00E+00	8.54E-03	4.89E-09	3.87E-05	4.24E-04	0.00E+00	0.00E+00	2.29E-13	4.43E-12	3.17E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-06	4.57E-04	1.82E-01	0.00E+00	2.00E-11	6.71E-10	1.07E-04	3.26E-07	2.43E-04	0.00E+00	1.82E-01	5.13E-10	1.82E-01	1.82E-01	2.43E-04	0.00E+00	0.00E+00	0.00E+00	4.95E-05
WH20640300B	9.87E-05	1.56E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	1.02E-02	5.84E-09	4.63E-05	5.07E-04	0.00E+00	0.00E+00	2.74E-13	5.30E-12	3.80E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.47E-04	2.17E-01	0.00E+00	2.39E-11	8.02E-10	1.28E-04	3.90E-07	2.90E-04	0.00E+00	2.17E-01	6.13E-10	2.17E-01	2.18E-01	2.90E-04	0.00E+00	0.00E+00	0.00E+00	5.92E-05
WH20640303A	8.35E-05	1.32E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	8.63E-03	4.94E-09	3.91E-05	4.29E-04	0.00E+00	0.00E+00	2.32E-13	4.48E-12	3.21E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-06	4.63E-04	1.84E-01	0.00E+00	2.02E-11	6.79E-10	1.08E-04	3.29E-07	2.45E-04	0.00E+00	1.84E-01	5.19E-10	1.84E-01	1.84E-01	2.45E-04	0.00E+00	0.00E+00	0.00E+00	5.00E-05
WH20640303B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.05E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20640304A	7.42E-05	1.17E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	7.67E-03	4.39E-09	3.48E-05	3.81E-04	0.00E+00	0.00E+00	2.06E-13	3.98E-12	2.85E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-06	4.11E-04	1.63E-01	0.00E+00	1.80E-11	6.03E-10	9.62E-05	2.93E-07	2.18E-04	0.00E+00	1.63E-01	4.61E-10	1.63E-01	1.64E-01	2.18E-04	0.00E+00	0.00E+00	0.00E+00	4.45E-05

WH20640304B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.05E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20640305A	8.23E-05	1.30E-02	0.00E+00	1.30E-02	0.00E+00	0.00E+00	8.51E-03	4.88E-09	3.86E-05	4.23E-04	0.00E+00	0.00E+00	2.28E-13	4.42E-12	3.17E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-06	4.56E-04	1.81E-01	0.00E+00	1.99E-11	6.69E-10	1.07E-04	3.25E-07	2.42E-04	0.00E+00	1.81E-01	5.12E-10	1.81E-01	1.82E-01	2.42E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-05
WH20640305B	9.82E-05	1.55E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.02E-02	5.82E-09	4.60E-05	5.05E-04	0.00E+00	0.00E+00	2.73E-13	5.27E-12	3.78E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-06	5.44E-04	2.16E-01	0.00E+00	2.38E-11	7.99E-10	1.27E-04	3.88E-07	2.89E-04	0.00E+00	2.16E-01	6.10E-10	2.16E-01	2.17E-01	2.89E-04	0.00E+00	0.00E+00	0.00E+00	5.89E-05
WH20640306A	8.44E-05	1.33E-02	4.57E-10	1.33E-02	2.05E-11	0.00E+00	8.77E-03	5.51E-09	3.97E-05	4.35E-04	0.00E+00	0.00E+00	2.35E-13	4.50E-12	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-06	4.66E-04	1.86E-01	0.00E+00	2.04E-11	6.87E-10	1.10E-04	3.33E-07	2.48E-04	0.00E+00	1.86E-01	5.87E-10	1.86E-01	1.86E-01	2.48E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-05
WH20640306B	8.44E-05	1.33E-02	4.57E-10	1.33E-02	2.05E-11	0.00E+00	8.77E-03	5.51E-09	3.97E-05	4.35E-04	0.00E+00	0.00E+00	2.35E-13	4.50E-12	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-06	4.67E-04	1.86E-01	0.00E+00	2.04E-11	6.88E-10	1.10E-04	3.34E-07	2.48E-04	0.00E+00	1.86E-01	5.55E-10	1.86E-01	1.86E-01	2.48E-04	0.00E+00	0.00E+00	0.00E+00	5.06E-05
WH20640307A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.05E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20640307B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.05E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20640309A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.05E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20640309B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.05E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20640700A	8.43E-05	1.33E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	8.72E-03	4.99E-09	3.95E-05	4.34E-04	0.00E+00	0.00E+00	2.34E-13	4.53E-12	3.24E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-06	4.67E-04	1.86E-01	0.00E+00	2.04E-11	6.86E-10	1.09E-04	3.33E-07	2.48E-04	0.00E+00	1.86E-01	5.24E-10	1.86E-01	1.86E-01	2.48E-04	0.00E+00	0.00E+00	0.00E+00	5.06E-05
WH20640700B	1.00E-04	1.58E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.04E-02	5.94E-09	4.70E-05	5.16E-04	0.00E+00	0.00E+00	2.78E-13	5.39E-12	3.86E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-06	5.56E-04	2.21E-01	0.00E+00	2.43E-11	8.16E-10	1.30E-04	3.96E-07	2.95E-04	0.00E+00	2.21E-01	6.24E-10	2.21E-01	2.21E-01	2.95E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-05
WH20640703A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20640703B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20640704A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20640704B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20640705A	8.40E-05	1.32E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	8.69E-03	4.98E-09	3.94E-05	4.32E-04	0.00E+00	0.00E+00	2.33E-13	4.51E-12	3.23E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-06	4.66E-04	1.85E-01	0.00E+00	2.03E-11	6.83E-10	1.09E-04	3.32E-07	2.47E-04	0.00E+00	1.85E-01	5.22E-10	1.85E-01	1.85E-01	2.47E-04	0.00E+00	0.00E+00	0.00E+00	5.04E-05
WH20640705B	1.16E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.72E-09	5.28E-05	5.73E-04	0.00E+00	0.00E+00	3.16E-13	6.09E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.19E-04	2.48E-01	0.00E+00	2.73E-11	9.14E-10	1.46E-04	4.40E-07	3.32E-04	0.00E+00	2.48E-01	7.05E-10	2.48E-01	2.49E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.67E-05
WH20640707A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20640707B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20640709A	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.67E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20640709B	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.06E-05	1.59E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20643300B	9.03E-05	1.43E-02	4.57E-10	1.43E-02	2.05E-11	0.00E+00	9.25E-03	5.37E-09	4.26E-05	4.70E-04	0.00E+00	0.00E+00	2.48E-13	4.79E-12	3.45E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-06	4.98E-04	1.98E-01	0.00E+00	2.18E-11	7.44E-10	1.17E-04	3.58E-07	2.65E-04	0.00E+00	1.98E-01	5.62E-10	1.98E-01	1.99E-01	2.65E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-05
WH20643303B	9.01E-05	1.41E-02	4.57E-10	1.41E-02	2.05E-11	0.00E+00	9.24E-03	5.29E-09	4.25E-05	4.59E-04	0.00E+00	0.00E+00	2.48E-13	4.79E-12	3.45E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-06	4.97E-04	1.96E-01	0.00E+00	2.18E-11	7.37E-10	1.16E-04	3.55E-07	2.64E-04	0.00E+00	1.96E-01	5.54E-10	1.96E-01	1.97E-01	2.64E-04	0.00E+00	0.00E+00	0.00E+00	5.36E-05
WH20643305B	9.01E-05	1.41E-02	4.57E-10	1.41E-02	2.05E-11	0.00E+00	9.24E-03	5.29E-09	4.25E-05	4.59E-04	0.00E+00	0.00E+00	2.48E-13	4.79E-12	3.45E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-06	4.97E-04	1.96E-01	0.00E+00	2.18E-11	7.37E-10	1.16E-04	3.55E-07	2.64E-04	0.00E+00	1.96E-01	5.54E-10	1.96E-01	1.97E-01	2.64E-04	0.00E+00	0.00E+00	0.00E+00	5.36E-05
WH20645300A	8.15E-05	1.29E-02	0.00E+00	1.29E-02	0.00E+00	0.00E+00	8.43E-03	4.83E-09	3.82E-05	4.19E-04	0.00E+00	0.00E+00	2.26E-13	4.38E-12	3.14E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-06	4.52E-04	1.80E-01	0.00E+00	1.97E-11	6.63E-10	1.06E-04	3.22E-07	2.40E-04	0.00E+00	1.80E-01	5.07E-10	1.80E-01	1.80E-01	2.40E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-05
WH20645300B	8.49E-05	1.34E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	8.78E-03	5.03E-09	3.98E-05	4.36E-04	0.00E+00	0.00E+00	2.36E-13	4.56E-12	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-06	4.70E-04	1.87E-01	0.00E+00	2.05E-11	6.90E-10	1.10E-04	3.35E-07	2.49E-04	0.00E+00	1.87E-01	5.28E-10	1.87E-01	1.87E-01	2.49E-04	0.00E+00	0.00E+00	0.00E+00	5.09E-05
WH20645303A	7.37E-05	1.16E-02	0.00E+00	1.16E-02	0.00E+00	0.00E+00	7.62E-03	4.37E-09	3.45E-05	3.79E-04	0.00E+00	0.00E+00	2.05E-13	3.96E-12	2.83E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-06	4.09E-04	1.62E-01	0.00E+00	1.78E-11	5.99E-10	9.56E-05	2.91E-07	2.17E-04	0.00E+00	1.62E-01	4.58E-10	1.62E-01	1.63E-01	2.17E-04	0.00E+00	0.00E+00	0.00E+00	4.42E-05
WH20645303B	8.45E-05	1.34E-02	4.57E-10	1.34E-02	2.05E-11	0.00E+00	8.77E-03	5.03E-09	3.97E-05	4.36E-04	0.00E+00	0.00E+00	2.36E-13	4.53E-12	3.27E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-06	4.68E-04	1.86E-01	0.00E+00	2.04E-11	6.88E-10	1.10E-04	3.34E-07	2.49E-04	0.00E+00	1.86E-01	5.28E-10	1.86E-01	1.87E-01	2.49E-04	0.00E+00	0.00E+00	0.00E+00	5.08E-05
WH20645304A	7.36E-05	1.16E-02	4.57E-10	1.16E-02	2.05E-11	0.00E+00	7.56E-03	4.36E-09	3.44E-05	3.77E-04	0.00E+00	0.00E+00	2.04E-13	3.96E-12	2.78E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-06	4.06E-04	1.63E-01	0.00E+00	1.76E-11	5.97E-10	9.44E-05	2.91E-07	2.16E-04	0.00E+00	1.63E-01	4.71E-10	1.63E-01	1.63E-01	2.16E-04	0.00E+00	0.00E+00	0.00E+00	4.32E-05
WH20645304B	8.45E-05	1.34E-02	4.57E-10	1.34E-02	2.05E-11	0.00E+00	8.77E-03	5.03E-09	3.97E-05	4.36E-04	0.00E+00	0.00E+00	2.36E-13	4.53E-12	3.27E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-06	4.68E-04	1.86E-01	0.00E+00	2.04E-11	6.88E-10	1.10E-04	3.34E-07	2.49E-04	0.00E+00	1.86E-01	5.28E-10	1.86E-01	1.87E-01	2.49E-04	0.00E+00	0.00E+00	0.00E+00	5.08E-05
WH20645305A	7.37E-05	1.16E-02	0.00E+00	1.16E-02	0.00E+00	0.00E+00	7.62E-03	4.37E-09	3.45E-05	3.79E-04	0.00E+00	0.00E+00	2.05E-13	3.96E-12	2.83E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-06	4.09E-04	1.62E-01	0.00E+00	1.78E-11	5.99E-10	9.56E-05	2.91E-07	2.17E-04	0.00E+00	1.62E-01	4.58E-10	1.62E-01	1.63E-01	2.17E-04	0.00E+00	0.00E+00	0.00E+00	4.42E-05
WH20645305B	8.45E-05	1.34E-02	4.57E-10	1.34E-02	2.05E-11	0.00E+00	8.77E-03	5.03E-09	3.97E-05	4.36E-04	0.00E+00	0.00E+00	2.36E-13	4.53E-12	3.27E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-06	4.68E-04	1.86E-01	0.00E+00	2.04E-11	6.88E-10	1.10E-04	3.34E-07	2.49E-04	0.00E+00	1.86E-01	5.28E-10	1.86E-01	1.87E-01	2.49E-04	0.00E+00	0.00E+00	0.00E+00	5.08E-05
WH20645306A	2.25E-04	3.59E-02	4.57E-10	3.59E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.27E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.29E-03	5.04E-01	0.00E+00	5.50E-11	1.85E-09	2.88E-04	9.11E-07	6.75E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH20645306B	2.25E-04	3.59E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.09E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	8.80E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.03E-01	0.00E+00	5.49E-11	1.84E-09	2.86E-04	9.06E-07	6.76E-04	0.00E+00	5.03E-01	1.43E-09	5.03E-01	5.02E-01	6.76E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH20645307A	7.36E-05	1.16E-02	4.57E-10	1.16E-02	2.05E-11	0.00E+00	7.56E-03	4.36E-09	3.44E-05	3.77E-04	0.00E+00	0.00E+00	2.04E-13	3.96E-12	2.78E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-06	4.06E-04	1.63E-01	0.00E+00	1.76E-11	5.97E-10	9.44E-05	2.91E-07	2.16E-04	0.00E+00	1.63E-01	4.71E-10	1.63E-01	1.63E-01	2.16E-04	0.00E+00	0.00E+00	0.00E+00	4.32E-05
WH20645307B	8.45E-05	1.34E-02	4.57E-10	1.34E-02	2.05E-11	0.00E+00	8.77E-03	5.03E-09	3.97E-05	4.36E-04	0.00E+00	0.00E+00	2.36E-13	4.53E-12	3.27E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-06	4.68E-04	1.86E-01	0.00E+00	2.04E-11	6.88E-10	1.10E-04	3.34E-07	2.49E-04	0.00E+00	1.86E-01	5.28E-10	1.86E-01	1.87E-01	2.49E-04	0.00E+00	0.00E+00	0.00E+00	5.08E-05
WH20645309A	7.36E-05	1.16E-02	4.57E-10	1.16E-02	2.05E-11	0.00E+00	7.56E-03	4.36E-09	3.44E-05	3.77E-04	0.00E+00	0.00E+00	2.04E-13	3.96E-12	2.78E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-06	4.06E-04	1.63E-01	0.00E+00	1.76E-11	5.97E-10	9.44E-05	2.91E-07	2.16E-04	0.00E+00	1.63E-01	4.71E-10	1.63E-01	1.63E-01	2.16E-04	0.00E+00	0.00E+00	0.00E+00	4.32E-05
WH20645700A	7.37E-05	1.17E-02	4.57E-10	1.17E-02	2.05E-11	0.00E+00	7.63E-03	4.38E-09	3.46E-05	3.80E-04	0.00E+00	0.00E+00	2.05E-13	3.98E-12	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-06	4.14E-04	1.64E-01	0.00E+00	1.78E-11	6.01E-10	9.55E-05	2.93E-07	2.16E-04	0.00E+00	1.64E-01	4.58E-10	1.64E-01	1.63E-01	2.16E-04	0.00E+00	0.00E+00	0.00E+00	4.39E-05
WH20645700B	9.02E-05	1.43E-02	4.57E-10	1.43E-02	2.05E-11	0.00E+00	9.25E-03	5.35E-09	4.26E-05	4.64E-04	0.00E+00	0.00E+00	2.48E-13	4.78E-12	3.45E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.98E-04	1.98E-01	0.00E+00	2.18E-11	7.39E-10	1.17E-04	3.54E-07	2.64E-04	0.00E+00	1.98E-01	5.60E-10	1.98E-01	1.98E-01	2.64E-04	0.00E+00	0.00E+00	0.00E+00	5.37E-05
WH20645704A	7.38E-05	1.17E-02	4.57E-10	1.17E-02	2.05E-11	0.00E+00	7.64E-03	4.39E-09	3.46E-05	3.80E-04	0.00E+00	0.00E+00	2.05E-13	3.99E-12	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-06	4.14E-04	1.64E-01	0.00E+00	1.78E-11	6.01E-10	9.54E-05	2.92E-07	2.16E-04	0.00E+00	1.64E-01	4.59E-10	1.64E-01	1.63E-01	2.16E-04	0.00E+00	0.00E+00	0.00E+00	4.39E-05
WH20645705A	7.38E-05	1.17E-02	4.57E-10	1.17E-02	2.05E-11	0.00E+00	7.64E-03	4.39E-09	3.46E-05	3.80E-04	0.00E+00	0.00E+00	2.05E-13	3.99E-12	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-06	4.14E-04	1.64E-01	0.00E+00	1.78E-11	6.01E-10	9.54E-05	2.92E-07	2.16E-04	0.00E+00	1.64E-01	4.59E-10	1.64E-01	1.63E-01	2.16E-04	0.00E+00	0.00E+00	0.00E+00	4.39E-05
WH20645705B	8.99E-05	1.41E-02	4.57E-10	1.41E-02	2.05E-11	0.00E+00	9.25E-03	5.27E-09	4.23E-05	4.58E-04	0.00E+00	0.00E+00	2.47E-13	4.78E-12	3.45E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.97E-04	1.96E-01	0.00E+00	2.18E-11	7.34E-10	1.16E-04	3.53E-07	2.63E-04	0.00E+00	1.96E-01	5.53E-10	1.96E-01	1.96E-01	2.63E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-05
WH20648305B	8.99E-05	1.41E-02	4.57E-10	1.41E-02	2.05E-11	0.00E+00	9.24E-03	5.28E-09	4.24E-05	4.58E-04	0.00E+00	0.00E+00	2.48E-13	4.78E-12	3.45E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-06	4.96E-04	1.96E-01	0.00E+00	2.18E-11	7.37E-10	1.16E-04	3.55E-07	2.63E-04	0.00E+00	1.96E-01	5.54E-10	1.96E-01	1.97E-01	2.63E-04	0.00E+00	0.00E+00	0.00E+00	5.35E-05
WH20648306B	2.25E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.09E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	8.80E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.03E-01	0.00E+00	5.49E-11	1.84E-09	2.86E-04	9.06E-07	6.76E-04	0.00E+00	5.03E-01	1.43E-09	5.03E-01	5.02E-01	6.76E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH20750100A	7.64E-05	1.21E-02	0.00E+00	1.21E-02	0.00E+00	0.00E+00	7.90E-03	4.53E-09	3.58E-05	3.93E-04	0.00E+00	0.00E+00	2.12E-13	4.10E-12	2.94E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-06	4.24E-04	1.68E-01	0.00E+00	1.85E-11	6.22E-10	9.91E-05	3.02E-07	2.25E-04	0.00E+00	1.68E-01	4.75E-10	1.68E-01	1.69E-01	2.25E-04	0.00E+00	0.00E+00	0.00E+00	4.58E-05
WH20750100B	3.55E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.26E-03	1.73E-09	1.27E-05	1.74E-04	0.00E+00	0.00E+00	7.20E-14	1.98E-12	9.97E-06	0.00E+00	0.00E+00	0.00E+00	5.13E-07	2.33E-04	5.56E-02	0.00E+00	6.49E-12	2.31E-10	3.62E-05	1.19E-07	8.90E-05	0.00E+00	5.56E-02	1.86E-10	5.56E-02	5.75E-02	8.90E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20750105A	7.38E-05	1.09E-02	0.00E+00	1.09E-02	0.00E+00	0.00E+00	7.16E-03	4.10E-09	3.25E-05	3.56E-04	0.00E+00	0.00E+00	1.92E-13	3.72E-12	2.66E-05	0.00E+00	0.00E+00	0.00E+00	9.67E-07	3.84E-04	1.53E-01	0.00E+00	1.68E-11	5.63E-10	8.98E-05	2.73E-07	2.04E-04	0.00E+00	1.53E-01	4.30E-10	1.53E-01	1.53E-01	2.04E-04	0.00E+00	0.00E+00	0.00E+00	4.15E-05
WH20750105B	3.55E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.26E-03	1.73E-09	1.27E-05	1.74E-04	0.00E+00	0.00E+00	7.20E-14	1.98E-12	9.97E-06	0.00E+00	0.00E+00	0.00E+00	5.13E-07	2.33E-04	5.56E-02	0.00E+00	6.49E-12	2.31E-10	3.62E-05	1.19E-07	8.90E-05	0.00E+00	5.56E-02	1.86E-10	5.56E-02	5.75E-02	8.90E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH20750205A	3.55E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.26E-03	1.73E-09	1.27E-05	1.74E-04	0.00E+00	0.00E+00	7.20E-14	1.98E-12	9.97E-06	0.00E+00	0.00E+00	0.00E+00	5.13E-07	2.33E-04	5.56E-02	0.00E+00	6.49E-12	2.31E-10	3.62E-05	1.19E-07	8.90E-05	0.00E+00	5.56E-02	1.86E-10	5.56E-02	5.75E-02	8.90E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH22580000T	1.15E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.33E-05	5.76E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.20E-10	1.46E-04	4.42E-07	3.31E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.45E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.67E-05
WH22580003T	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.17E-02	6.72E-09	5.32E-05	5.74E-04	0.00E+00	0.00E+00	3.13E-13	6.05E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.12E-04	2.44E-01	0.00E+00	2.74E-11	9.20E-10	1.45E-04	4.40E-07	3.29E-04	0.00E+00	2.44E-01	7.00E-10	2.44E-01	2.42E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05
WH22580005T	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.17E-02	6.72E-09	5.32E-05	5.74E-04	0.00E+00	0.00E+00	3.13E-13	6.05E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.12E-04	2.44E-01	0.00E+00	2.74E-11	9.20E-10	1.45E-04	4.40E-07	3.29E-04	0.00E+00	2.44E-01	7.00E-10	2.44E-01	2.42E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05
WH22580006T	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.17E-02	6.72E-09	5.32E-05	5.74E-04	0.00E+00	0.00E+00	3.13E-13	6.05E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.12E-04	2.44E-01	0.00E+00	2.74E-11	9.20E-10	1.45E-04	4.40E-07	3.29E-04	0.00E+00	2.44E-01	7.00E-10	2.44E-01	2.42E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05
WH22582000T	1.15E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.78E-09	5.33E-05	5.78E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.47E-04	4.42E-07	3.31E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.45E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
WH22582003T	1.15E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.78E-09	5.33E-05	5.78E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.47E-04	4.42E-07	3.31E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.45E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
WH22582005T	1.15E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.78E-09	5.33E-05	5.78E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.47E-04	4.42E-07	3.31E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.45E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
WH22582006T	1.15E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.78E-09	5.33E-05	5.78E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.47E-04	4.42E-07	3.31E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.45E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
WH22582700T	1.15E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.33E-05	5.77E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.17E-04	2.45E-01	0.00E+00	2.75E-11	9.21E-10	1.46E-04	4.42E-07	3.32E-04	0.00E+00	2.45E-01	7.05E-10	2.45E-01	2.45E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.67E-05
WH22582703T	1.15E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.33E-05	5.77E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.17E-04	2.45E-01	0.00E+00	2.75E-11	9.21E-10	1.46E-04	4.42E-07	3.32E-04	0.00E+00	2.45E-01	7.05E-10	2.45E-01	2.45E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.67E-05
WH22582706T	1.15E-04	1.78E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.33E-05	5.77E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.17E-04	2.45E-01	0.00E+00	2.75E-11	9.21E-10	1.46E-04	4.42E-07	3.32E-04	0.00E+00	2.45E-01	7.05E-10	2.45E-01	2.45E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.67E-05
WH22592000T	1.68E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.33E-05	5.78E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.47E-04	4.42E-07	3.32E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.45E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
WH22592003T	1.68E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.33E-05	5.78E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.47E-04	4.42E-07	3.32E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.45E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
WH22592005T	1.68E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.33E-05	5.78E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.18E-04	2.46E-01	0.00E+00	2.75E-11	9.21E-10	1.47E-04	4.42E-07	3.32E-04	0.00E+00	2.46E-01	7.06E-10	2.46E-01	2.45E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
WH22640000T	1.97E-04	3.10E-02	0.00E+00	3.10E-02	0.00E+00	0.00E+00	2.03E-02	1.16E-08	9.21E-05	1.01E-03	0.00E+00	0.00E+00	5.45E-13	1.06E-11	7.56E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	1.09E-03	4.33E-01	0.00E+00	4.76E-11	1.60E-09	2.55E-04	7.76E-07	5.78E-04	0.00E+00	4.33E-01	1.22E-09	4.33E-01	4.34E-01	5.78E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
WH22640003T	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.17E-02	6.71E-09	5.32E-05	5.73E-04	0.00E+00	0.00E+00	3.13E-13	6.05E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.11E-04	2.42E-01	0.00E+00	2.74E-11	9.20E-10	1.45E-04	4.40E-07	3.29E-04	0.00E+00	2.42E-01	6.99E-10	2.42E-01	2.42E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-05
WH22640005T	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.17E-02	6.71E-09	5.32E-05	5.73E-04	0.00E+00	0.00E+00	3.13E-13	6.05E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.11E-04	2.42E-01	0.00E+00	2.74E-11	9.20E-10	1.45E-04	4.40E-07	3.29E-04	0.00E+00	2.42E-01	6.99E-10	2.42E-01	2.42E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-05
WH22640006T	1.15E-04	1.75E-02	4.57E-10	1.75E-02	2.05E-11	0.00E+00	1.17E-02	6.71E-09	5.32E-05	5.73E-04	0.00E+00	0.00E+00	3.13E-13	6.05E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.11E-04	2.42E-01	0.00E+00	2.74E-11	9.20E-10	1.45E-04	4.40E-07	3.29E-04	0.00E+00	2.42E-01	6.99E-10	2.42E-01	2.42E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-05
WH22645300T	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.76E-09	5.20E-05	5.57E-04	0.00E+00	0.00E+00	3.19E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.35E-04	2.51E-01	0.00E+00	2.77E-11	9.11E-10	1.44E-04	4.48E-07	3.41E-04	0.00E+00	2.51E-01	7.12E-10	2.51E-01	2.51E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-05
WH22645303T	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.76E-09	5.20E-05	5.57E-04	0.00E+00	0.00E+00	3.19E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.35E-04	2.51E-01	0.00E+00	2.77E-11	9.11E-10	1.44E-04	4.48E-07	3.41E-04	0.00E+00	2.51E-01	7.12E-10	2.51E-01	2.51E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-05
WH22645305T	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.76E-09	5.20E-05	5.57E-04	0.00E+00	0.00E+00	3.19E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.35E-04	2.51E-01	0.00E+00	2.77E-11	9.11E-10	1.44E-04	4.48E-07	3.41E-04	0.00E+00	2.51E-01	7.12E-10	2.51E-01	2.51E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-05
WH22645306T	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.76E-09	5.20E-05	5.57E-04	0.00E+00	0.00E+00	3.19E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.35E-04	2.51E-01	0.00E+00	2.77E-11	9.11E-10	1.44E-04	4.48E-07	3.41E-04	0.00E+00	2.51E-01	7.12E-10	2.51E-01	2.51E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-05
WH226801K	2.23E-04	3.59E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.06E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.28E-11	8.88E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.89E-04	9.14E-07	6.80E-04	0.00E+00	5.06E-01	1.45E-09	5.06E-01	5.09E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH226801T	2.36E-04	5.12E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.32E-02	1.99E-08	1.29E-04	1.12E-03	0.00E+00	0.00E+00	9.20E-13	1.85E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-06	1.83E-03	7.80E-01	0.00E+00	7.86E-11	2.33E-09	3.53E-04	1.31E-06	9.71E-04	0.00E+00	7.80E-01	2.17E-09	7.80E-01	7.69E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH226801TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.31E-04	1.12E-03	0.00E+00	0.00E+00	9.23E-13	1.88E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.75E-06	1.83E-03	8.13E-01	0.00E+00	8.09E-11	2.34E-09	3.53E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.85E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH226802K	2.23E-04	3.59E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.06E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.28E-11	8.88E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.89E-04	9.14E-07	6.80E-04	0.00E+00	5.06E-01	1.45E-09	5.06E-01	5.09E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH226802T	2.36E-04	5.12E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.32E-02	1.99E-08	1.29E-04	1.12E-03	0.00E+00	0.00E+00	9.20E-13	1.85E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-06	1.83E-03	7.80E-01	0.00E+00	7.86E-11	2.33E-09	3.53E-04	1.31E-06	9.71E-04	0.00E+00	7.80E-01	2.17E-09	7.80E-01	7.69E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH226802TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.31E-04	1.12E-03	0.00E+00	0.00E+00	9.23E-13	1.88E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.75E-06	1.83E-03	8.13E-01	0.00E+00	8.09E-11	2.34E-09	3.53E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.85E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH226803K	2.23E-04	3.59E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.06E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.28E-11	8.88E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.89E-04	9.14E-07	6.80E-04	0.00E+00	5.06E-01	1.45E-09	5.06E-01	5.09E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH226803T	2.36E-04	5.12E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.32E-02	1.99E-08	1.29E-04	1.12E-03	0.00E+00	0.00E+00	9.20E-13	1.85E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-06	1.83E-03	7.80E-01	0.00E+00	7.86E-11	2.33E-09	3.53E-04	1.31E-06	9.71E-04	0.00E+00	7.80E-01	2.17E-09	7.80E-01	7.69E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH226803TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.31E-04	1.12E-03	0.00E+00	0.00E+00	9.23E-13	1.88E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.75E-06	1.83E-03	8.13E-01	0.00E+00	8.09E-11	2.34E-09	3.53E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.85E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH226811K	2.23E-04	3.59E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.06E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.28E-11	8.88E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.89E-04	9.14E-07	6.80E-04	0.00E+00	5.06E-01	1.45E-09	5.06E-01	5.09E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH226811T	2.36E-04	5.12E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.32E-02	1.99E-08	1.29E-04	1.12E-03	0.00E+00	0.00E+00	9.20E-13	1.85E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-06	1.83E-03	7.80E-01	0.00E+00	7.86E-11	2.33E-09	3.53E-04	1.31E-06	9.71E-04	0.00E+00	7.80E-01	2.17E-09	7.80E-01	7.69E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH226811TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.31E-04	1.12E-03	0.00E+00	0.00E+00	9.23E-13	1.88E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.75E-06	1.83E-03	8.13E-01	0.00E+00	8.09E-11	2.34E-09	3.53E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.85E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH226812K	2.23E-04	3.59E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.06E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.28E-11	8.88E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.89E-04	9.14E-07	6.80E-04	0.00E+00	5.06E-01	1.45E-09	5.06E-01	5.09E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH226812T	2.36E-04	5.12E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.32E-02	1.99E-08	1.29E-04	1.12E-03	0.00E+00	0.00E+00	9.20E-13	1.85E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-06	1.83E-03	7.80E-01	0.00E+00	7.86E-11	2.33E-09	3.53E-04	1.31E-06	9.71E-04	0.00E+00	7.80E-01	2.17E-09	7.80E-01	7.69E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04

WH226812TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.31E-04	1.12E-03	0.00E+00	0.00E+00	9.23E-13	1.88E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.75E-06	1.83E-03	8.13E-01	0.00E+00	8.09E-11	2.34E-09	3.53E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.85E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH226813K	2.23E-04	3.59E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.06E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.28E-11	8.88E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.89E-04	9.14E-07	6.80E-04	0.00E+00	5.06E-01	1.45E-09	5.06E-01	5.09E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH226813T	2.36E-04	5.12E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.32E-02	1.99E-08	1.29E-04	1.12E-03	0.00E+00	0.00E+00	9.20E-13	1.85E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-06	1.83E-03	7.80E-01	0.00E+00	7.86E-11	2.33E-09	3.53E-04	1.31E-06	9.71E-04	0.00E+00	7.80E-01	2.17E-09	7.80E-01	7.69E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH226813TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.31E-04	1.12E-03	0.00E+00	0.00E+00	9.23E-13	1.88E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.75E-06	1.83E-03	8.13E-01	0.00E+00	8.09E-11	2.34E-09	3.53E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.85E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH22690000T	1.68E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.16E-02	6.71E-09	5.32E-05	5.70E-04	0.00E+00	0.00E+00	3.13E-13	6.05E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.12E-04	2.44E-01	0.00E+00	2.74E-11	9.18E-10	1.45E-04	4.40E-07	3.29E-04	0.00E+00	2.44E-01	7.00E-10	2.44E-01	2.43E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
WH22690003T	1.68E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.16E-02	6.71E-09	5.32E-05	5.70E-04	0.00E+00	0.00E+00	3.13E-13	6.05E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.12E-04	2.44E-01	0.00E+00	2.74E-11	9.18E-10	1.45E-04	4.40E-07	3.29E-04	0.00E+00	2.44E-01	7.00E-10	2.44E-01	2.43E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
WH227101K	2.23E-04	3.60E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.28E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.89E-04	9.13E-07	6.80E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH227101T	2.37E-04	5.12E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.32E-02	1.99E-08	1.30E-04	1.14E-03	0.00E+00	0.00E+00	9.20E-13	1.86E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.84E-03	7.81E-01	0.00E+00	7.85E-11	2.36E-09	3.57E-04	1.31E-06	9.71E-04	0.00E+00	7.81E-01	2.17E-09	7.81E-01	7.70E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227101TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.32E-04	1.14E-03	0.00E+00	0.00E+00	9.23E-13	1.89E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.84E-03	8.13E-01	0.00E+00	8.07E-11	2.36E-09	3.55E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.86E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227102K	2.23E-04	3.60E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.28E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.89E-04	9.13E-07	6.80E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH227102T	2.37E-04	5.12E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.32E-02	1.99E-08	1.30E-04	1.14E-03	0.00E+00	0.00E+00	9.20E-13	1.86E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.84E-03	7.81E-01	0.00E+00	7.85E-11	2.36E-09	3.57E-04	1.31E-06	9.71E-04	0.00E+00	7.81E-01	2.17E-09	7.81E-01	7.70E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227102TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.32E-04	1.14E-03	0.00E+00	0.00E+00	9.23E-13	1.89E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.84E-03	8.13E-01	0.00E+00	8.07E-11	2.36E-09	3.55E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.86E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227103K	2.23E-04	3.60E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.28E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.89E-04	9.13E-07	6.80E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH227103T	2.37E-04	5.12E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.32E-02	1.99E-08	1.30E-04	1.14E-03	0.00E+00	0.00E+00	9.20E-13	1.86E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.84E-03	7.81E-01	0.00E+00	7.85E-11	2.36E-09	3.57E-04	1.31E-06	9.71E-04	0.00E+00	7.81E-01	2.17E-09	7.81E-01	7.70E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227103TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.32E-04	1.14E-03	0.00E+00	0.00E+00	9.23E-13	1.89E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.84E-03	8.13E-01	0.00E+00	8.07E-11	2.36E-09	3.55E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.86E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227111K	2.23E-04	3.60E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.28E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.89E-04	9.13E-07	6.80E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH227111T	2.37E-04	5.12E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.32E-02	1.99E-08	1.30E-04	1.14E-03	0.00E+00	0.00E+00	9.20E-13	1.86E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.84E-03	7.81E-01	0.00E+00	7.85E-11	2.36E-09	3.57E-04	1.31E-06	9.71E-04	0.00E+00	7.81E-01	2.17E-09	7.81E-01	7.70E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227111TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.32E-04	1.14E-03	0.00E+00	0.00E+00	9.23E-13	1.89E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.84E-03	8.13E-01	0.00E+00	8.07E-11	2.36E-09	3.56E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.86E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227112K	2.23E-04	3.60E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.28E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.89E-04	9.13E-07	6.80E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH227112T	2.37E-04	5.12E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.32E-02	1.99E-08	1.30E-04	1.14E-03	0.00E+00	0.00E+00	9.20E-13	1.86E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.84E-03	7.81E-01	0.00E+00	7.85E-11	2.36E-09	3.57E-04	1.31E-06	9.71E-04	0.00E+00	7.81E-01	2.17E-09	7.81E-01	7.70E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227112TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.32E-04	1.14E-03	0.00E+00	0.00E+00	9.23E-13	1.89E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.84E-03	8.13E-01	0.00E+00	8.07E-11	2.36E-09	3.56E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.86E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227113K	2.23E-04	3.60E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.28E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.89E-04	9.13E-07	6.80E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH227113T	2.37E-04	5.12E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.32E-02	1.99E-08	1.30E-04	1.14E-03	0.00E+00	0.00E+00	9.20E-13	1.86E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.84E-03	7.81E-01	0.00E+00	7.85E-11	2.36E-09	3.57E-04	1.31E-06	9.71E-04	0.00E+00	7.81E-01	2.17E-09	7.81E-01	7.70E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227113TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.32E-04	1.14E-03	0.00E+00	0.00E+00	9.23E-13	1.89E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.84E-03	8.13E-01	0.00E+00	8.07E-11	2.36E-09	3.56E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.86E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227301K	2.19E-04	3.60E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.28E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.88E-04	9.10E-07	6.81E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.81E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH227301T	4.27E-04	6.73E-02	0.00E+00	6.73E-02	0.00E+00	0.00E+00	4.41E-02	2.53E-08	2.00E-04	2.19E-03	0.00E+00	0.00E+00	1.18E-12	2.29E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	5.96E-06	2.36E-03	9.40E-01	0.00E+00	1.03E-10	3.47E-09	5.53E-04	1.68E-06	1.25E-03	0.00E+00	9.40E-01	2.65E-09	9.40E-01	9.41E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04
WH227301TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.31E-04	1.14E-03	0.00E+00	0.00E+00	9.23E-13	1.89E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.84E-03	8.13E-01	0.00E+00	8.07E-11	2.36E-09	3.55E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.86E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227302K	2.19E-04	3.60E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.28E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.88E-04	9.10E-07	6.81E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.81E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH227302T	4.43E-04	6.99E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-06	2.46E-03	9.76E-01	0.00E+00	1.07E-10	3.60E-09	5.75E-04	1.75E-06	1.30E-03	0.00E+00	9.76E-01	2.75E-09	9.76E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
WH227302TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.31E-04	1.14E-03	0.00E+00	0.00E+00	9.23E-13	1.89E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.84E-03	8.13E-01	0.00E+00	8.07E-11	2.36E-09	3.55E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.86E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227303K	2.19E-04	3.60E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.28E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.88E-04	9.10E-07	6.81E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.81E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH227303T	4.27E-04	6.73E-02	0.00E+00	6.73E-02	0.00E+00	0.00E+00	4.41E-02	2.53E-08	2.00E-04	2.19E-03	0.00E+00	0.00E+00	1.18E-12	2.29E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	5.96E-06	2.36E-03	9.40E-01	0.00E+00	1.03E-10	3.47E-09	5.53E-04	1.68E-06	1.25E-03	0.00E+00	9.40E-01	2.65E-09	9.40E-01	9.41E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04
WH227303TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.31E-04	1.14E-03	0.00E+00	0.00E+00	9.23E-13	1.89E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.84E-03	8.13E-01	0.00E+00	8.07E-11	2.36E-09	3.55E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.86E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227311K	2.19E-04	3.60E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.28E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.88E-04	9.10E-07	6.81E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.81E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH227311T	4.32E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.47E-02	2.56E-08	2.03E-04	2.22E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.40E-03	9.52E-01	0.00E+00	1.05E-10	3.52E-09	5.61E-04	1.71E-06	1.27E-03	0.00E+00	9.52E-01	2.69E-09	9.52E-01	9.54E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
WH227311TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.31E-04	1.14E-03	0.00E+00	0.00E+00	9.23E-13	1.89E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.84E-03	8.13E-01	0.00E+00	8.07E-11	2.36E-09	3.56E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.86E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227312K	2.19E-04	3.60E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.28E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.88E-04	9.10E-07	6.81E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.81E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH227312T	4.11E-04	6.47E-02	0.00E+00	6.47E-02	0.00E+00	0.00E+00	4.25E-02	2.43E-08	1.92E-04	2.11E-03	0.00E+00	0.00E+00	1.14E-12	2.20E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.73E-06	2.28E-03	9.04E-01	0.00E+00	9.94E-11	3.34E-09	5.33E-04	1.62E-06	1.21E-03	0.00E+00	9.04E-01	2.55E-09	9.04E-01	9.06E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
WH227312TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.31E-04	1.14E-03	0.00E+00	0.00E+00	9.23E-13	1.89E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.84E-03	8.13E-01	0.00E+00	8.07E-11	2.36E-09	3.56E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.86E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH227313K	2.19E-04	3.60E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.45E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.28E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	1.46E-03	5.06E-01	0.00E+00	5.51E-11	1.84E-09	2.88E-04	9.10E-07	6.81E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.81E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH227313T	4.11E-04	6.47E-02	0.00E+00	6.47E-02	0.00E+00	0.00E+00	4.25E-02	2.43E-08	1.92E-04	2.11E-03	0.00E+00	0.00E+00	1.14E-12	2.20E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.73E-06	2.28E-03	9.04E-01	0.00E+00	9.94E-11	3.34E-09	5.33E-04	1.62E-06	1.21E-03	0.00E+00	9.04E-01	2.55E-09	9.04E-01	9.06E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
WH227313TG	2.36E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.31E-04	1.14E-03	0.00E+00	0.00E+00	9.23E-13	1.89E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.84E-03	8.13E-01	0.00E+00	8.07E-11	2.36E-09	3.56E-04	1.31E-06	9.76E-04	0.00E+00	8.13E-01	2.17E-09	8.13E-01	7.86E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH22790000T	2.26E-04	3.57E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.42E-02	1.42E-08	1.03E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.27E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.31E-03	5.02E-01	0.00E+00	5.51E-11	1.86E-09	2.86E-04	9.11E-07	6.77E-04	0.00E+00	5.02E-01	1.43E-09	5.02E-01	5.05E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH22790003T	2.26E-04	3.57E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.42E-02	1.42E-08	1.03E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.27E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.31E-03	5.02E-01	0.00E+00	5.51E-11	1.86E-09	2.86E-04	9.11E-07	6.77E-04	0.00E+00	5.02E-01	1.43E-09	5.02E-01	5.05E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH22892000T	2.26E-04	3.57E-02	4.57E-10	3.55E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.27E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.02E-01	0.00E+00	5.51E-11	1.85E-09	2.87E-04	9.08E-07	6.76E-04	0.00E+00	5.02E-01	1.43E-09	5.02E-01	5.01E-01	6.76E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH22892003T	2.26E-04	3.57E-02	4.57E-10	3.55E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.27E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.02E-01	0.00E+00	5.51E-11	1.85E-09	2.87E-04	9.08E-07	6.76E-04	0.00E+00	5.02E-01	1.43E-09	5.02E-01	5.01E-01	6.76E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH22892005T	2.26E-04	3.57E-02	4.57E-10	3.55E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.27E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.02E-01	0.00E+00	5.51E-11	1.85E-09	2.87E-04	9.08E-07	6.76E-04	0.00E+00	5.02E-01	1.43E-09	5.02E-01	5.01E-01	6.76E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH228921K	2.20E-04	3.60E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.46E-08	1.06E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.28E-11	8.88E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.46E-03	5.07E-01	0.00E+00	5.53E-11	1.85E-09	2.89E-04	9.14E-07	6.80E-04	0.00E+00	5.07E-01	1.45E-09	5.07E-01	5.10E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH228921T	2.41E-04	5.13E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.33E-02	1.99E-08	1.30E-04	1.16E-03	0.00E+00	0.00E+00	9.22E-13	1.86E-11	1.25E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-06	1.84E-03	7.78E-01	0.00E+00	7.92E-11	2.37E-09	3.54E-04	1.31E-06	9.71E-04	0.00E+00	7.78E-01	2.18E-09	7.78E-01	7.69E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH228921TG	2.41E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.32E-04	1.16E-03	0.00E+00	0.00E+00	9.24E-13	1.88E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.75E-06	1.84E-03	8.10E-01	0.00E+00	8.14E-11	2.37E-09	3.55E-04	1.31E-06	9.76E-04	0.00E+00	8.10E-01	2.18E-09	8.10E-01	7.85E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH228924K	2.20E-04	3.60E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.46E-08	1.06E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.28E-11	8.88E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.46E-03	5.07E-01	0.00E+00	5.53E-11	1.85E-09	2.89E-04	9.14E-07	6.80E-04	0.00E+00	5.07E-01	1.45E-09	5.07E-01	5.10E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH228924T	4.31E-04	6.80E-02	0.00E+00	6.80E-02	0.00E+00	0.00E+00	4.46E-02	2.55E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.20E-12	2.31E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.02E-06	2.39E-03	9.50E-01	0.00E+00	1.04E-10	3.51E-09	5.59E-04	1.70E-06	1.27E-03	0.00E+00	9.50E-01	2.68E-09	9.50E-01	9.51E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
WH228924TG	2.41E-04	5.24E-02	4.57E-10	5.18E-02	2.05E-11	0.00E+00	3.36E-02	2.00E-08	1.32E-04	1.16E-03	0.00E+00	0.00E+00	9.24E-13	1.88E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.75E-06	1.84E-03	8.10E-01	0.00E+00	8.14E-11	2.37E-09	3.55E-04	1.31E-06	9.76E-04	0.00E+00	8.10E-01	2.18E-09	8.10E-01	7.85E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH23580300Q	1.93E-04	3.05E-02	0.00E+00	3.05E-02	0.00E+00	0.00E+00	2.00E-02	1.15E-08	9.07E-05	9.95E-04	0.00E+00	0.00E+00	5.37E-13	1.04E-11	7.44E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	1.07E-03	4.26E-01	0.00E+00	4.68E-11	1.57E-09	2.51E-04	7.63E-07	5.68E-04	0.00E+00	4.26E-01	1.20E-09	4.26E-01	4.27E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
WH23585300Q	1.92E-04	3.03E-02	0.00E+00	3.03E-02	0.00E+00	0.00E+00	1.98E-02	1.14E-08	8.99E-05	9.87E-04	0.00E+00	0.00E+00	5.32E-13	1.03E-11	7.38E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	1.06E-03	4.23E-01	0.00E+00	4.64E-11	1.56E-09	2.49E-04	7.58E-07	5.64E-04	0.00E+00	4.23E-01	1.19E-09	4.23E-01	4.23E-01	5.64E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
WH23585303Q	1.98E-04	3.15E-02	4.57E-10	3.14E-02	2.05E-11	0.00E+00	2.03E-02	1.17E-08	9.34E-05	1.01E-03	0.00E+00	0.00E+00	5.58E-13	1.10E-11	7.68E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	1.09E-03	4.41E-01	0.00E+00	4.74E-11	1.63E-09	2.58E-04	7.79E-07	5.82E-04	0.00E+00	4.41E-01	1.23E-09	4.41E-01	4.45E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
WH23585304Q	1.98E-04	3.15E-02	4.57E-10	3.14E-02	2.05E-11	0.00E+00	2.03E-02	1.17E-08	9.34E-05	1.01E-03	0.00E+00	0.00E+00	5.58E-13	1.10E-11	7.68E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	1.09E-03	4.41E-01	0.00E+00	4.74E-11	1.63E-09	2.58E-04	7.79E-07	5.82E-04	0.00E+00	4.41E-01	1.23E-09	4.41E-01	4.45E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
WH23585305Q	1.98E-04	3.15E-02	4.57E-10	3.14E-02	2.05E-11	0.00E+00	2.03E-02	1.17E-08	9.34E-05	1.01E-03	0.00E+00	0.00E+00	5.58E-13	1.10E-11	7.68E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	1.09E-03	4.41E-01	0.00E+00	4.74E-11	1.63E-09	2.58E-04	7.79E-07	5.82E-04	0.00E+00	4.41E-01	1.23E-09	4.41E-01	4.45E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
WH23585306Q	1.98E-04	3.15E-02	4.57E-10	3.14E-02	2.05E-11	0.00E+00	2.03E-02	1.17E-08	9.34E-05	1.01E-03	0.00E+00	0.00E+00	5.58E-13	1.10E-11	7.68E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	1.09E-03	4.41E-01	0.00E+00	4.74E-11	1.63E-09	2.58E-04	7.79E-07	5.82E-04	0.00E+00	4.41E-01	1.23E-09	4.41E-01	4.45E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
WH23585307Q	1.98E-04	3.15E-02	4.57E-10	3.14E-02	2.05E-11	0.00E+00	2.03E-02	1.17E-08	9.34E-05	1.01E-03	0.00E+00	0.00E+00	5.58E-13	1.10E-11	7.68E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	1.09E-03	4.41E-01	0.00E+00	4.74E-11	1.63E-09	2.58E-04	7.79E-07	5.82E-04	0.00E+00	4.41E-01	1.23E-09	4.41E-01	4.45E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
WH23585400Q	2.37E-04	3.77E-02	4.57E-10	3.76E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.60E-13	1.28E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.61E-01	0.00E+00	5.77E-11	1.89E-09	3.03E-04	9.36E-07	7.01E-04	0.00E+00	5.61E-01	1.48E-09	5.61E-01	5.59E-01	7.01E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH23585403Q	2.37E-04	3.77E-02	4.57E-10	3.76E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.05E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.62E-01	0.00E+00	5.78E-11	1.89E-09	3.03E-04	9.33E-07	6.98E-04	0.00E+00	5.62E-01	1.48E-09	5.62E-01	5.58E-01	6.98E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH23585405Q	2.37E-04	3.77E-02	4.57E-10	3.76E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.05E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.62E-01	0.00E+00	5.78E-11	1.89E-09	3.03E-04	9.33E-07	6.98E-04	0.00E+00	5.62E-01	1.48E-09	5.62E-01	5.58E-01	6.98E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH23585406Q	2.37E-04	3.77E-02	4.57E-10	3.76E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.05E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.62E-01	0.00E+00	5.78E-11	1.89E-09	3.03E-04	9.33E-07	6.98E-04	0.00E+00	5.62E-01	1.48E-09	5.62E-01	5.58E-01	6.98E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH23592200Q	2.37E-04	3.74E-02	0.00E+00	3.74E-02	0.00E+00	0.00E+00	2.46E-02	1.41E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.59E-13	1.27E-11	9.13E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	1.32E-03	5.23E-01	0.00E+00	5.75E-11	1.93E-09	3.08E-04	9.37E-07	6.98E-04	0.00E+00	5.23E-01	1.48E-09	5.23E-01	5.24E-01	6.98E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
WH23592203Q	2.37E-04	3.77E-02	4.57E-10	3.77E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.32E-03	5.62E-01	0.00E+00	5.76E-11	1.89E-09	3.04E-04	9.35E-07	6.99E-04	0.00E+00	5.62E-01	1.48E-09	5.62E-01	5.58E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH23592204Q	2.37E-04	3.77E-02	4.57E-10	3.77E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.32E-03	5.63E-01	0.00E+00	5.76E-11	1.89E-09	3.04E-04	9.35E-07	6.99E-04	0.00E+00	5.63E-01	1.48E-09	5.63E-01	5.58E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH23592205Q	2.37E-04	3.77E-02	4.57E-10	3.77E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.32E-03	5.62E-01	0.00E+00	5.76E-11	1.89E-09	3.04E-04	9.35E-07	6.99E-04	0.00E+00	5.62E-01	1.48E-09	5.62E-01	5.58E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH23592206Q	2.37E-04	3.77E-02	4.57E-10	3.77E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.32E-03	5.62E-01	0.00E+00	5.76E-11	1.89E-09	3.04E-04	9.35E-07	6.99E-04	0.00E+00	5.62E-01	1.48E-09	5.62E-01	5.58E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH23593200Q	2.55E-04	4.37E-02	4.57E-10	4.34E-02	2.05E-11	0.00E+00	2.75E-02	1.58E-08	1.18E-04	1.41E-03	0.00E+00	0.00E+00	7.35E-13	1.43E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.66E-06	1.51E-03	6.23E-01	0.00E+00	6.41E-11	2.12E-09	3.41E-04	1.05E-06	8.09E-04	0.00E+00	6.23E-01	1.69E-09	6.23E-01	6.23E-01	8.09E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
WH23593203Q	2.34E-04	5.13E-02	4.57E-10	5.10E-02	2.05E-11	0.00E+00	3.43E-02	1.99E-08	1.28E-04	1.15E-03	0.00E+00	0.00E+00	9.80E-13	2.03E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-06	1.83E-03	7.73E-01	0.00E+00	8.16E-11	2.36E-09	3.48E-04	1.31E-06	9.67E-04	0.00E+00	7.73E-01	2.27E-09	7.73E-01	7.69E-01	9.67E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
WH23593205Q	2.34E-04	5.13E-02	4.57E-10	5.10E-02	2.05E-11	0.00E+00	3.43E-02	1.99E-08	1.28E-04	1.15E-03	0.00E+00	0.00E+00	9.80E-13	2.03E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-06	1.83E-03	7.73E-01	0.00E+00	8.16E-11	2.36E-09	3.48E-04	1.31E-06	9.67E-04	0.00E+00	7.73E-01	2.27E-09	7.73E-01	7.69E-01	9.67E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
WH23593206Q	2.34E-04	5.13E-02	4.57E-10	5.10E-02	2.05E-11	0.00E+00	3.43E-02	1.99E-08	1.28E-04	1.15E-03	0.00E+00	0.00E+00	9.80E-13	2.03E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-06	1.83E-03	7.73E-01	0.00E+00	8.16E-11	2.36E-09	3.48E-04	1.31E-06	9.67E-04	0.00E+00	7.73E-01	2.27E-09	7.73E-01	7.69E-01	9.67E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
WH23595200Q	2.37E-04	3.74E-02	0.00E+00	3.74E-02	0.00E+00	0.00E+00	2.45E-02	1.40E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.58E-13	1.27E-11	9.11E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	1.31E-03	5.22E-01	0.00E+00	5.74E-11	1.93E-09	3.07E-04	9.35E-07	6.97E-04	0.00E+00	5.22E-01	1.47E-09	5.22E-01	5.23E-01	6.97E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
WH23595203Q	2.37E-04	3.77E-02	4.57E-10	3.77E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.62E-01	0.00E+00	5.76E-11	1.89E-09	3.04E-04	9.35E-07	6.99E-04	0.00E+00	5.62E-01	1.48E-09	5.62E-01	5.58E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH23595204Q	2.37E-04	3.77E-02	4.57E-10	3.77E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.62E-01	0.00E+00	5.76E-11	1.89E-09	3.04E-04	9.35E-07	6.99E-04	0.00E+00	5.62E-01	1.48E-09	5.62E-01	5.58E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH23595205Q	2.37E-04	3.77E-02	4.57E-10	3.77E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.62E-01	0.00E+00	5.76E-11	1.89E-09	3.04E-04	9.35E-07	6.99E-04	0.00E+00	5.62E-01	1.48E-09	5.62E-01	5.58E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH23595206Q	2.37E-04	3.77E-02	4.57E-10	3.77E-02	2.05E-11	0.00E+00	2.47E-02	1.42E-08	1.09E-04	1.21E-03	0.00E+00	0.00E+00	6.62E-13	1.28E-11	9.06E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.62E-01	0.00E+00	5.76E-11	1.89E-09	3.04E-04	9.35E-07	6.99E-04	0.00E+00	5.62E-01	1.48E-09	5.62E-01	5.58E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH23596200Q	2.13E-04	3.36E-02	0.00E+00	3.36E-02	0.00E+00	0.00E+00	2.21E-02	1.26E-08	1.00E-04	1.10E-03	0.00E+00	0.00E+00	5.92E-13	1.15E-11	8.20E-05	0.00E+00	0.00E+00	0.00E+00	2.98E-06	1.18E-03	4.70E-01	0.00E+00	5.16E-11	1.73E-09	2.77E-04	8.42E-07	6.27E-04	0.00E+00	4.70E-01	1.33E-09	4.70E-01	4.71E-01	6.27E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
WH23596203Q	2.40E-04	5.13E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.43E-02	1.99E-08	1.25E-04	1.15E-03	0.00E+00	0.00E+00	9.80E-13	2.03E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-06	1.85E-03	7.67E-01	0.00E+00	8.19E-11	2.33E-09	3.59E-04	1.31E-06	9.67E-04	0.00E+00	7.67E-01	2.28E-09	7.67E-01	7.60E-01	9.67E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
WH23596204Q	2.40E-04	5.13E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.43E-02	1.99E-08	1.25E-04	1.15E-03	0.00E+00	0.00E+00	9.80E-13	2.03E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-06	1.85E-03	7.67E-01	0.00E+00	8.19E-11	2.33E-09	3.59E-04	1.31E-06	9.67E-04	0.00E+00	7.67E-01	2.28E-09	7.67E-01	7.60E-01	9.67E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
WH23596205Q	2.40E-04	5.13E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.43E-02	1.99E-08	1.25E-04	1.15E-03	0.00E+00	0.00E+00	9.80E-13	2.03E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-06	1.85E-03	7.67E-01	0.00E+00	8.19E-11	2.33E-09	3.59E-04	1.31E-06	9.67E-04	0.00E+00	7.67E-01	2.28E-09	7.67E-01	7.60E-01	9.67E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
WH23596206Q	2.40E-04	5.13E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.43E-02	1.99E-08	1.25E-04	1.15E-03	0.00E+00	0.00E+00	9.80E-13	2.03E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-06	1.85E-03	7.67E-01	0.00E+00	8.19E-11	2.33E-09	3.59E-04	1.31E-06	9.67E-04	0.00E+00	7.67E-01	2.28E-09	7.67E-01	7.60E-01	9.67E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
WH23596209Q	2.40E-04	5.13E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.43E-02	1.99E-08	1.25E-04	1.15E-03	0.00E+00	0.00E+00	9.80E-13	2.03E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-06	1.85E-03	7.67E-01	0.00E+00	8.19E-11	2.33E-09	3.59E-04	1.31E-06	9.67E-04	0.00E+00	7.67E-01	2.28E-09	7.67E-01	7.60E-01	9.67E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
WH23600700Q	2.50E-04	3.94E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	2.58E-02	1.48E-08	1.17E-04	1.28E-03	0.00E+00	0.00E+00	6.93E-13	1.34E-11	9.60E-05	0.00E+00	0.00E+00	0.00E+00	3.48E-06	1.38E-03	5.50E-01	0.00E+00	6.04E-11	2.03E-09	3.24E-04	9.85E-07	7.34E-04	0.00E+00	5.50E-01	1.55E-09	5.50E-01	5.50E-01	7.34E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-04

WH23620300Q	1.94E-04	3.07E-02	0.00E+00	3.07E-02	0.00E+00	0.00E+00	2.01E-02	1.15E-08	9.12E-05	1.00E-03	0.00E+00	0.00E+00	5.40E-13	1.04E-11	7.48E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.08E-03	4.28E-01	0.00E+00	4.71E-11	1.58E-09	2.52E-04	7.68E-07	5.72E-04	0.00E+00	4.28E-01	1.21E-09	4.28E-01	4.29E-01	5.72E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
WH23620303Q	2.02E-04	3.22E-02	4.57E-10	3.21E-02	2.05E-11	0.00E+00	2.11E-02	1.22E-08	9.57E-05	1.06E-03	0.00E+00	0.00E+00	5.69E-13	1.11E-11	7.90E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	1.14E-03	4.54E-01	0.00E+00	4.91E-11	1.66E-09	2.64E-04	7.99E-07	6.00E-04	0.00E+00	4.54E-01	1.28E-09	4.54E-01	4.54E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH23620304Q	2.02E-04	3.22E-02	4.57E-10	3.21E-02	2.05E-11	0.00E+00	2.11E-02	1.22E-08	9.57E-05	1.06E-03	0.00E+00	0.00E+00	5.69E-13	1.11E-11	7.90E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	1.14E-03	4.54E-01	0.00E+00	4.91E-11	1.66E-09	2.64E-04	7.99E-07	6.00E-04	0.00E+00	4.54E-01	1.28E-09	4.54E-01	4.54E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH23620305Q	2.02E-04	3.22E-02	4.57E-10	3.21E-02	2.05E-11	0.00E+00	2.11E-02	1.22E-08	9.57E-05	1.06E-03	0.00E+00	0.00E+00	5.69E-13	1.11E-11	7.90E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	1.14E-03	4.54E-01	0.00E+00	4.91E-11	1.66E-09	2.64E-04	7.99E-07	6.00E-04	0.00E+00	4.54E-01	1.28E-09	4.54E-01	4.54E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH23620306Q	2.02E-04	3.22E-02	4.57E-10	3.21E-02	2.05E-11	0.00E+00	2.11E-02	1.22E-08	9.57E-05	1.06E-03	0.00E+00	0.00E+00	5.69E-13	1.11E-11	7.90E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	1.14E-03	4.54E-01	0.00E+00	4.91E-11	1.66E-09	2.64E-04	7.99E-07	6.00E-04	0.00E+00	4.54E-01	1.28E-09	4.54E-01	4.54E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH23620307Q	2.02E-04	3.22E-02	4.57E-10	3.21E-02	2.05E-11	0.00E+00	2.11E-02	1.22E-08	9.57E-05	1.06E-03	0.00E+00	0.00E+00	5.69E-13	1.11E-11	7.90E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	1.14E-03	4.54E-01	0.00E+00	4.91E-11	1.66E-09	2.64E-04	7.99E-07	6.00E-04	0.00E+00	4.54E-01	1.28E-09	4.54E-01	4.54E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH23620309Q	2.02E-04	3.22E-02	4.57E-10	3.21E-02	2.05E-11	0.00E+00	2.11E-02	1.22E-08	9.57E-05	1.06E-03	0.00E+00	0.00E+00	5.69E-13	1.11E-11	7.90E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	1.14E-03	4.54E-01	0.00E+00	4.91E-11	1.66E-09	2.64E-04	7.99E-07	6.00E-04	0.00E+00	4.54E-01	1.28E-09	4.54E-01	4.54E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH23620700Q	2.02E-04	3.25E-02	4.57E-10	3.25E-02	2.05E-11	0.00E+00	2.12E-02	1.24E-08	9.64E-05	1.06E-03	0.00E+00	0.00E+00	5.74E-13	1.12E-11	7.99E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	1.19E-03	4.60E-01	0.00E+00	4.98E-11	1.67E-09	2.64E-04	8.11E-07	6.09E-04	0.00E+00	4.60E-01	1.30E-09	4.60E-01	4.66E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
WH23620703Q	2.02E-04	3.22E-02	4.57E-10	3.21E-02	2.05E-11	0.00E+00	2.11E-02	1.22E-08	9.57E-05	1.06E-03	0.00E+00	0.00E+00	5.69E-13	1.11E-11	7.90E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	1.14E-03	4.54E-01	0.00E+00	4.91E-11	1.66E-09	2.64E-04	7.99E-07	6.00E-04	0.00E+00	4.54E-01	1.28E-09	4.54E-01	4.54E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH23620705Q	2.02E-04	3.22E-02	4.57E-10	3.21E-02	2.05E-11	0.00E+00	2.11E-02	1.22E-08	9.57E-05	1.06E-03	0.00E+00	0.00E+00	5.69E-13	1.11E-11	7.90E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	1.14E-03	4.54E-01	0.00E+00	4.91E-11	1.66E-09	2.64E-04	7.99E-07	6.00E-04	0.00E+00	4.54E-01	1.28E-09	4.54E-01	4.54E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH23620709Q	2.02E-04	3.22E-02	4.57E-10	3.21E-02	2.05E-11	0.00E+00	2.11E-02	1.22E-08	9.57E-05	1.06E-03	0.00E+00	0.00E+00	5.69E-13	1.11E-11	7.90E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	1.14E-03	4.54E-01	0.00E+00	4.91E-11	1.66E-09	2.64E-04	7.99E-07	6.00E-04	0.00E+00	4.54E-01	1.28E-09	4.54E-01	4.54E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
WH23623300Q	2.12E-04	3.35E-02	4.57E-10	3.34E-02	2.05E-11	0.00E+00	2.19E-02	1.26E-08	9.86E-05	1.09E-03	0.00E+00	0.00E+00	5.91E-13	1.15E-11	8.21E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	1.20E-03	4.69E-01	0.00E+00	5.12E-11	1.73E-09	2.73E-04	8.40E-07	6.26E-04	0.00E+00	4.69E-01	1.33E-09	4.69E-01	4.76E-01	6.26E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
WH23623303Q	2.11E-04	3.32E-02	4.57E-10	3.31E-02	2.05E-11	0.00E+00	2.18E-02	1.25E-08	9.88E-05	1.08E-03	0.00E+00	0.00E+00	5.87E-13	1.14E-11	8.14E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	1.17E-03	4.64E-01	0.00E+00	5.07E-11	1.72E-09	2.73E-04	8.30E-07	6.19E-04	0.00E+00	4.64E-01	1.32E-09	4.64E-01	4.65E-01	6.19E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
WH23623304Q	2.11E-04	3.32E-02	4.57E-10	3.31E-02	2.05E-11	0.00E+00	2.18E-02	1.25E-08	9.88E-05	1.08E-03	0.00E+00	0.00E+00	5.87E-13	1.14E-11	8.14E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	1.17E-03	4.64E-01	0.00E+00	5.07E-11	1.72E-09	2.73E-04	8.30E-07	6.19E-04	0.00E+00	4.64E-01	1.32E-09	4.64E-01	4.65E-01	6.19E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
WH23623309Q	2.11E-04	3.32E-02	4.57E-10	3.31E-02	2.05E-11	0.00E+00	2.18E-02	1.25E-08	9.88E-05	1.08E-03	0.00E+00	0.00E+00	5.87E-13	1.14E-11	8.14E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	1.17E-03	4.64E-01	0.00E+00	5.07E-11	1.72E-09	2.73E-04	8.30E-07	6.19E-04	0.00E+00	4.64E-01	1.32E-09	4.64E-01	4.65E-01	6.19E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
WH23625300Q	2.10E-04	3.31E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	2.17E-02	1.24E-08	9.84E-05	1.08E-03	0.00E+00	0.00E+00	5.82E-13	1.13E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	1.16E-03	4.62E-01	0.00E+00	5.08E-11	1.71E-09	2.72E-04	8.29E-07	6.17E-04	0.00E+00	4.62E-01	1.30E-09	4.62E-01	4.63E-01	6.17E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
WH23625303Q	2.14E-04	3.50E-02	4.57E-10	3.50E-02	2.05E-11	0.00E+00	2.31E-02	1.33E-08	1.04E-04	1.15E-03	0.00E+00	0.00E+00	6.16E-13	1.19E-11	8.64E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.22E-03	4.90E-01	0.00E+00	5.36E-11	1.82E-09	2.77E-04	8.79E-07	6.26E-04	0.00E+00	4.90E-01	1.39E-09	4.90E-01	4.90E-01	6.26E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
WH23625304Q	2.14E-04	3.50E-02	4.57E-10	3.50E-02	2.05E-11	0.00E+00	2.31E-02	1.33E-08	1.04E-04	1.15E-03	0.00E+00	0.00E+00	6.16E-13	1.19E-11	8.64E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.22E-03	4.90E-01	0.00E+00	5.36E-11	1.82E-09	2.77E-04	8.79E-07	6.26E-04	0.00E+00	4.90E-01	1.39E-09	4.90E-01	4.90E-01	6.26E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
WH23625305Q	2.14E-04	3.50E-02	4.57E-10	3.50E-02	2.05E-11	0.00E+00	2.31E-02	1.33E-08	1.04E-04	1.15E-03	0.00E+00	0.00E+00	6.16E-13	1.19E-11	8.64E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.22E-03	4.90E-01	0.00E+00	5.36E-11	1.82E-09	2.77E-04	8.79E-07	6.26E-04	0.00E+00	4.90E-01	1.39E-09	4.90E-01	4.90E-01	6.26E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
WH23625306Q	2.14E-04	3.50E-02	4.57E-10	3.50E-02	2.05E-11	0.00E+00	2.31E-02	1.33E-08	1.04E-04	1.15E-03	0.00E+00	0.00E+00	6.16E-13	1.19E-11	8.64E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.22E-03	4.90E-01	0.00E+00	5.36E-11	1.82E-09	2.77E-04	8.79E-07	6.26E-04	0.00E+00	4.90E-01	1.39E-09	4.90E-01	4.90E-01	6.26E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
WH23625309Q	2.14E-04	3.50E-02	4.57E-10	3.50E-02	2.05E-11	0.00E+00	2.31E-02	1.33E-08	1.04E-04	1.15E-03	0.00E+00	0.00E+00	6.16E-13	1.19E-11	8.64E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.22E-03	4.90E-01	0.00E+00	5.36E-11	1.82E-09	2.77E-04	8.79E-07	6.26E-04	0.00E+00	4.90E-01	1.39E-09	4.90E-01	4.90E-01	6.26E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
WH23625700Q	2.06E-04	3.25E-02	4.57E-10	3.24E-02	2.05E-11	0.00E+00	2.14E-02	1.23E-08	9.66E-05	1.06E-03	0.00E+00	0.00E+00	5.75E-13	1.11E-11	7.97E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	1.15E-03	4.58E-01	0.00E+00	4.95E-11	1.68E-09	2.68E-04	8.13E-07	6.10E-04	0.00E+00	4.58E-01	1.29E-09	4.58E-01	4.59E-01	6.10E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
WH23625704Q	2.06E-04	3.25E-02	4.57E-10	3.25E-02	2.05E-11	0.00E+00	2.14E-02	1.23E-08	9.66E-05	1.07E-03	0.00E+00	0.00E+00	5.75E-13	1.11E-11	7.97E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.58E-01	0.00E+00	4.92E-11	1.68E-09	2.68E-04	8.09E-07	6.08E-04	0.00E+00	4.58E-01	1.29E-09	4.58E-01	4.57E-01	6.08E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
WH23628300Q	2.12E-04	3.32E-02	4.57E-10	3.31E-02	2.05E-11	0.00E+00	2.18E-02	1.25E-08	9.88E-05	1.08E-03	0.00E+00	0.00E+00	5.87E-13	1.14E-11	8.14E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-06	1.16E-03	4.64E-01	0.00E+00	5.09E-11	1.72E-09	2.73E-04	8.33E-07	6.20E-04	0.00E+00	4.64E-01	1.32E-09	4.64E-01	4.68E-01	6.20E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
WH23628307Q	2.12E-04	3.32E-02	4.57E-10	3.31E-02	2.05E-11	0.00E+00	2.18E-02	1.25E-08	9.88E-05	1.08E-03	0.00E+00	0.00E+00	5.87E-13	1.14E-11	8.14E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	1.17E-03	4.64E-01	0.00E+00	5.07E-11	1.72E-09	2.73E-04	8.30E-07	6.19E-04	0.00E+00	4.64E-01	1.32E-09	4.64E-01	4.65E-01	6.19E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
WH23640300Q	2.25E-04	3.54E-02	0.00E+00	3.54E-02	0.00E+00	0.00E+00	2.32E-02	1.33E-08	1.05E-04	1.15E-03	0.00E+00	0.00E+00	6.23E-13	1.21E-11	8.64E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	1.24E-03	4.95E-01	0.00E+00	5.43E-11	1.83E-09	2.91E-04	8.86E-07	6.60E-04	0.00E+00	4.95E-01	1.40E-09	4.95E-01	4.95E-01	6.60E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
WH23640303Q	1.13E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.74E-09	5.18E-05	5.51E-04	0.00E+00	0.00E+00	3.18E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.28E-04	2.49E-01	0.00E+00	2.77E-11	9.07E-10	1.43E-04	4.45E-07	3.40E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.49E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05
WH23640304Q	1.13E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.74E-09	5.18E-05	5.51E-04	0.00E+00	0.00E+00	3.18E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.28E-04	2.49E-01	0.00E+00	2.77E-11	9.07E-10	1.43E-04	4.45E-07	3.40E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.49E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05
WH23640305Q	1.13E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.74E-09	5.18E-05	5.51E-04	0.00E+00	0.00E+00	3.18E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.28E-04	2.49E-01	0.00E+00	2.77E-11	9.07E-10	1.43E-04	4.45E-07	3.40E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.49E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05
WH23640306Q	1.13E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.74E-09	5.18E-05	5.51E-04	0.00E+00	0.00E+00	3.18E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.28E-04	2.49E-01	0.00E+00	2.77E-11	9.07E-10	1.43E-04	4.45E-07	3.40E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.49E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05
WH23640307Q	1.13E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.74E-09	5.18E-05	5.51E-04	0.00E+00	0.00E+00	3.18E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.28E-04	2.49E-01	0.00E+00	2.77E-11	9.07E-10	1.43E-04	4.45E-07	3.40E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.49E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05
WH23640309Q	1.13E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.74E-09	5.18E-05	5.51E-04	0.00E+00	0.00E+00	3.18E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.28E-04	2.49E-01	0.00E+00	2.77E-11	9.07E-10	1.43E-04	4.45E-07	3.40E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.49E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05
WH23640700Q	1.13E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.21E-02	6.69E-09	5.25E-05	5.51E-04	0.00E+00	0.00E+00	3.17E-13	6.52E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.23E-04	2.49E-01	0.00E+00	2.77E-11	9.06E-10	1.42E-04	4.45E-07	3.39E-04	0.00E+00	2.49E-01	7.02E-10	2.49E-01	2.48E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
WH23640703Q	1.13E-04	1.79E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.22E-02	6.74E-09	5.18E-05	5.52E-04	0.00E+00	0.00E+00	3.19E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.28E-04	2.49E-01	0.00E+00	2.77E-11	9.07E-10	1.43E-04	4.45E-07	3.40E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.49E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05
WH23640704Q	1.13E-04	1.79E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.22E-02	6.74E-09	5.18E-05	5.52E-04	0.00E+00	0.00E+00	3.19E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.28E-04	2.49E-01	0.00E+00	2.77E-11	9.07E-10	1.43E-04	4.45E-07	3.40E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.49E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05
WH23640705Q	1.13E-04	1.79E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.22E-02	6.74E-09	5.18E-05	5.52E-04	0.00E+00	0.00E+00	3.19E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.28E-04	2.49E-01	0.00E+00	2.77E-11	9.07E-10	1.43E-04	4.45E-07	3.40E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.49E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05
WH23640707Q	1.13E-04	1.79E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.22E-02	6.74E-09	5.18E-05	5.52E-04	0.00E+00	0.00E+00	3.19E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.28E-04	2.49E-01	0.00E+00	2.77E-11	9.07E-10	1.43E-04	4.45E-07	3.40E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.49E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05
WH23640709Q	1.13E-04	1.79E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.22E-02	6.74E-09	5.18E-05	5.52E-04	0.00E+00	0.00E+00	3.19E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.28E-04	2.49E-01	0.00E+00	2.77E-11	9.07E-10	1.43E-04	4.45E-07	3.40E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.49E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05
WH23643300Q	2.20E-04	3.57E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.35E-02	1.36E-08	1.05E-04	1.16E-03	0.00E+00	0.00E+00	6.26E-13	1.23E-11	8.77E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	1.27E-03	5.01E-01	0.00E+00	5.47E-11	1.86E-09	2.88E-04	9.05E-07	6.50E-04	0.00E+00	5.01E-01	1.41E-09	5.01E-01	5.05E-01	6.50E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
WH23643304Q	2.20E-04	3.55E-02	4.57E-10	3.55E-02	2.05E-11	0.00E+00	2.34E-02	1.35E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.25E-13	1.22E-11	8.72E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-06	1.24E-03	4.98E-01	0.00E+00	5.44E-11	1.85E-09	2.89E-04	9.00E-07	6.45E-04	0.00E+00	4.98E-01	1.40E-09	4.98E-01	4.97E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
WH23643305Q	2.20E-04	3.55E-02	4.57E-10	3.55E-02	2.05E-11	0.00E+00	2.34E-02	1.35E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.25E-13	1.22E-11	8.72E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-06	1.24E-03	4.98E-01	0.00E+00	5.44E-11	1.85E-09	2.89E-04	9.00E-07	6.45E-04	0.00E+00	4.98E-01	1.40E-09	4.98E-01	4.97E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
WH23643309Q	2.20E-04	3.55E-02	4.57E-10	3.55E-02	2.05E-11	0.00E+00	2.34E-02	1.35E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.25E-13	1.22E-11	8.72E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-06	1.24E-03	4.98E-01	0.00E+00	5.44E-11	1.85E-09	2.89E-04	9.00E-07	6.45E-04	0.00E+00	4.98E-01	1.40E-09	4.98E-01	4.97E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
WH23645300Q	2.24E-04	3.54E-02	0.00E+00	3.54E-02	0.00E+00	0.00E+00	2.32E-02	1.33E-08	1.05E-04	1.15E-03	0.00E+00	0.00E+00	6.22E-13	1.20E-11	8.62E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	1.24E-03	4.94E-01	0.00E+00	5.43E-11	1.82E-09	2.91E-04	8.85E-07	6.59E-04	0.00E+00	4.94E-01	1.39E-09	4.94E-01	4.95E-01	6.59E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04
WH23645303Q	2.15E-04	3.41E-02	4.57E-10	3.40E-02	2.05E-11	0.00E+00	2.22E-02	1.27E-08	9.97E-05	1.10E-03	0.00E+00	0.00E+00	6.01E-13	1.16E-11	8.27E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	1.18E-03	4.74E-01	0.00E+00	5.21E-11	1.74E-09	2.79E-04	8.48E-07	6.30E-04	0.00E+00	4.74E-01	1.34E-09	4.74E-01	4.74E-01	6.30E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
WH23645304Q	2.15E-04	3.41E-02	4.57E-10	3.40E-02	2.05E-11	0.00E+00	2.22E-02	1.27E-08	9.97E-05	1.10E-03	0.00E+00	0.00E+00	6.01E-13	1.16E-11	8.27E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	1.18E-03	4.74E-01	0.00E+00	5.21E-11	1.74E-09	2.79E-04	8.48E-07	6.30E-04	0.00E+00	4.74E-01	1.34E-09	4.74E-01	4.74E-01	6.30E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
WH23645305Q	2.15E-04	3.41E-02	4.57E-10	3.40E-02	2.05E-11	0.00E+00	2.22E-02	1.27E-08	9.97E-05	1.10E-03	0.00E+00	0.00E+00	6.01E-13	1.16E-11	8.27E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	1.18E-03	4.74E-01	0.00E+00	5.21E-11	1.74E-09	2.79E-04	8.48E-07	6.30E-04	0.00E+00	4.74E-01	1.34E-09	4.74E-01	4.74E-01	6.30E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
WH23645306Q	2.45E-04	5.22E-02	4.57E-10	5.20E-02	2.05E-11	0.00E+00	3.46E-02	1.99E-08	1.27E-04	1.16E-03	0.00E+00	0.00E+00	9.84E-13	2.04E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.82E-06	1.86E-03	7.71E-01	0.00E+00	8.12E-11	2.32E-09	3.63E-04	1.31E-06	9.69E-04	0.00E+00	7.71E-01	2.27E-09	7.71E-01	7.62E-01	9.69E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-04
WH23645309Q	2.15E-04	3.41E-02	4.57E-10	3.40E-02	2.05E-11	0.00E+00	2.22E-02	1.27E-08	9.97E-05	1.10E-03	0.00E+00	0.00E+00	6.01E-13	1.16E-11	8.27E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	1.18E-03	4.74E-01	0.00E+00	5.21E-11	1.74E-09	2.79E-04	8.48E-07	6.30E-04	0.00E+00	4.74E-01	1.34E-09	4.74E-01	4.74E-01	6.30E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04
WH23645700Q	2.20E-04	3.56E-02	4.57E-10	3.55E-02	2.05E-11	0.00E+00	2.34E-02	1.35E-08	1.06E-04	1.15E-03	0.00E+00	0.00E+00	6.24E-13	1.22E-11	8.69E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-06	1.24E-03	4.97E-01	0.00E+00	5.44E-11	1.84E-09	2.87E-04	8.90E-07	6.45E-04	0.00E+00	4.97E-01	1.39E-09	4.97E-01	4.97E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
WH23645703Q	2.20E-04	3.56E-02	4.57E-10	3.55E-02	2.05E-11	0.00E+00	2.34E-02	1.35E-08	1.06E-04	1.15E-03	0.00E+00	0.00E+00	6.24E-13	1.22E-11	8.68E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-06	1.24E-03	4.97E-01	0.00E+00	5.43E-11	1.84E-09	2.87E-04	8.89E-07	6.45E-04	0.00E+00	4.97E-01	1.39E-09	4.97E-01	4.96E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
WH23648300Q	2.20E-04	3.55E-02	4.57E-10	3.55E-02	2.05E-11	0.00E+00	2.35E-02	1.35E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.25E-13	1.23E-11	8.73E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	1.24E-03	4.98E-01	0.00E+00	5.46E-11	1.85E-09	2.89E-04	9.02E-07	6.45E-04	0.00E+00	4.98E-01	1.40E-09	4.98E-01	4.98E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
WH23750100Q	2.06E-04	3.23E-02	4.57E-10	3.23E-02	2.05E-11	0.00E+00	2.13E-02	1.22E-08	9.64E-05	1.06E-03	0.00E+00	0.00E+00	5.76E-13	1.10E-11	7.93E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.52E-01	0.00E+00	4.89E-11	1.68E-09	2.67E-04	8.08E-07	6.04E-04	0.00E+00	4.52E-01	1.28E-09	4.52E-01	4.53E-01	6.04E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
WH23750105Q	2.06E-04	3.23E-02	4.57E-10	3.23E-02	2.05E-11	0.00E+00	2.13E-02	1.22E-08	9.64E-05	1.06E-03	0.00E+00	0.00E+00	5.76E-13	1.10E-11	7.93E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.52E-01	0.00E+00	4.89E-11	1.68E-09	2.67E-04	8.08E-07	6.04E-04	0.00E+00	4.52E-01	1.28E-09	4.52E-01	4.53E-01	6.04E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
WH25580300C	8.90E-05	1.40E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	9.20E-03	5.27E-09	4.17E-05	4.58E-04	0.00E+00	0.00E+00	2.47E-13	4.78E-12	3.42E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-06	4.93E-04	1.96E-01	0.00E+00	2.15E-11	7.24E-10	1.15E-04	3.51E-07	2.62E-04	0.00E+00	1.96E-01	5.53E-10	1.96E-01	1.96E-01	2.62E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-05
WH25580303C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25580304C	1.17E-04	1.82E-02	4.57E-10	1.83E-02	2.05E-11	0.00E+00	1.20E-02	6.87E-09	5.42E-05	5.99E-04	0.00E+00	0.00E+00	3.24E-13	6.24E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.38E-04	2.53E-01	0.00E+00	2.80E-11	9.39E-10	1.50E-04	4.59E-07	3.41E-04	0.00E+00	2.53E-01	7.22E-10	2.53E-01	2.52E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.98E-05
WH25580305C	1.17E-04	1.82E-02	4.57E-10	1.83E-02	2.05E-11	0.00E+00	1.20E-02	6.87E-09	5.42E-05	5.99E-04	0.00E+00	0.00E+00	3.24E-13	6.24E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.38E-04	2.53E-01	0.00E+00	2.80E-11	9.39E-10	1.50E-04	4.59E-07	3.41E-04	0.00E+00	2.53E-01	7.22E-10	2.53E-01	2.52E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.98E-05
WH25580306C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25580307C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25580309C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25583300C	7.89E-05	1.23E-02	4.57E-10	1.23E-02	2.05E-11	0.00E+00	8.04E-03	4.61E-09	3.66E-05	4.06E-04	0.00E+00	0.00E+00	2.17E-13	4.17E-12	3.07E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-06	4.34E-04	1.72E-01	0.00E+00	1.93E-11	6.35E-10	1.01E-04	3.08E-07	2.39E-04	0.00E+00	1.72E-01	4.86E-10	1.72E-01	1.72E-01	2.39E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-05
WH25583303C	7.89E-05	1.24E-02	4.57E-10	1.24E-02	2.05E-11	0.00E+00	8.05E-03	4.61E-09	3.67E-05	4.02E-04	0.00E+00	0.00E+00	2.17E-13	4.18E-12	3.07E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-06	4.34E-04	1.72E-01	0.00E+00	1.94E-11	6.35E-10	1.01E-04	3.08E-07	2.39E-04	0.00E+00	1.72E-01	4.88E-10	1.72E-01	1.72E-01	2.39E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-05
WH25583304C	7.89E-05	1.24E-02	4.57E-10	1.24E-02	2.05E-11	0.00E+00	8.05E-03	4.61E-09	3.67E-05	4.02E-04	0.00E+00	0.00E+00	2.17E-13	4.18E-12	3.07E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-06	4.34E-04	1.72E-01	0.00E+00	1.94E-11	6.35E-10	1.01E-04	3.08E-07	2.39E-04	0.00E+00	1.72E-01	4.88E-10	1.72E-01	1.72E-01	2.39E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-05
WH25583305C	7.89E-05	1.24E-02	4.57E-10	1.24E-02	2.05E-11	0.00E+00	8.05E-03	4.61E-09	3.67E-05	4.02E-04	0.00E+00	0.00E+00	2.17E-13	4.18E-12	3.07E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-06	4.34E-04	1.72E-01	0.00E+00	1.94E-11	6.35E-10	1.01E-04	3.08E-07	2.39E-04	0.00E+00	1.72E-01	4.88E-10	1.72E-01	1.72E-01	2.39E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-05
WH25583306C	2.26E-04	3.57E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.39E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	8.82E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.49E-11	1.85E-09	2.88E-04	9.09E-07	6.75E-04	0.00E+00	5.03E-01	1.43E-09	5.03E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH25585300C	9.10E-05	1.43E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	9.41E-03	5.39E-09	4.26E-05	4.68E-04	0.00E+00	0.00E+00	2.52E-13	4.88E-12	3.50E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-06	5.04E-04	2.00E-01	0.00E+00	2.20E-11	7.40E-10	1.18E-04	3.59E-07	2.67E-04	0.00E+00	2.00E-01	5.65E-10	2.00E-01	2.01E-01	2.67E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05
WH25585303C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25585304C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25585305C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25585306C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25585307C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25585309C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25585400C	1.17E-04	1.80E-02	4.57E-10	1.81E-02	2.05E-11	0.00E+00	1.19E-02	6.85E-09	5.41E-05	5.94E-04	0.00E+00	0.00E+00	3.21E-13	6.22E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.34E-04	2.52E-01	0.00E+00	2.80E-11	9.37E-10	1.49E-04	4.59E-07	3.39E-04	0.00E+00	2.52E-01	7.20E-10	2.52E-01	2.50E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-05
WH25585403C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH25585405C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH25585409C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH25588300C	7.89E-05	1.23E-02	4.57E-10	1.23E-02	2.05E-11	0.00E+00	8.04E-03	4.61E-09	3.67E-05	4.01E-04	0.00E+00	0.00E+00	2.17E-13	4.18E-12	3.07E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-06	4.34E-04	1.72E-01	0.00E+00	1.93E-11	6.35E-10	1.01E-04	3.08E-07	2.39E-04	0.00E+00	1.72E-01	4.86E-10	1.72E-01	1.72E-01	2.39E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-05
WH25588304C	7.89E-05	1.24E-02	4.57E-10	1.24E-02	2.05E-11	0.00E+00	8.06E-03	4.61E-09	3.67E-05	4.02E-04	0.00E+00	0.00E+00	2.17E-13	4.18E-12	3.07E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-06	4.34E-04	1.72E-01	0.00E+00	1.94E-11	6.35E-10	1.01E-04	3.08E-07	2.39E-04	0.00E+00	1.72E-01	4.88E-10	1.72E-01	1.72E-01	2.39E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-05
WH25588305C	7.89E-05	1.24E-02	4.57E-10	1.24E-02	2.05E-11	0.00E+00	8.06E-03	4.61E-09	3.67E-05	4.02E-04	0.00E+00	0.00E+00	2.17E-13	4.18E-12	3.07E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-06	4.34E-04	1.72E-01	0.00E+00	1.94E-11	6.35E-10	1.01E-04	3.08E-07	2.39E-04	0.00E+00	1.72E-01	4.88E-10	1.72E-01	1.72E-01	2.39E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-05
WH25592200C	1.34E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.96E-09	6.30E-05	6.91E-04	0.00E+00	0.00E+00	3.73E-13	7.21E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.45E-04	2.96E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.30E-07	3.95E-04	0.00E+00	2.96E-01	8.35E-10	2.96E-01	2.96E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-05
WH25592203C	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH25592204C	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH25592205C	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH25592207C	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH25592209C	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05

WH25593200C	4.42E-04	7.08E-02	4.57E-10	7.11E-02	2.05E-11	0.00E+00	4.52E-02	2.58E-08	2.02E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.59E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-06	2.39E-03	1.01E+00	0.00E+00	1.09E-10	3.51E-09	5.75E-04	1.68E-06	1.29E-03	0.00E+00	1.01E+00	2.83E-09	1.01E+00	1.01E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
WH25593204C	4.52E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.10E-04	2.35E-03	0.00E+00	0.00E+00	1.31E-12	2.69E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.49E-03	1.02E+00	0.00E+00	1.12E-10	3.65E-09	5.88E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH25593205C	4.52E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.10E-04	2.35E-03	0.00E+00	0.00E+00	1.31E-12	2.69E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.49E-03	1.02E+00	0.00E+00	1.12E-10	3.65E-09	5.88E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH25593209C	4.52E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.10E-04	2.35E-03	0.00E+00	0.00E+00	1.31E-12	2.69E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.49E-03	1.02E+00	0.00E+00	1.12E-10	3.65E-09	5.88E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH25595200C	1.34E-04	2.11E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	1.39E-02	7.93E-09	6.28E-05	6.89E-04	0.00E+00	0.00E+00	3.72E-13	7.19E-12	5.15E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.42E-04	2.95E-01	0.00E+00	3.24E-11	1.09E-09	1.74E-04	5.29E-07	3.94E-04	0.00E+00	2.95E-01	8.33E-10	2.95E-01	2.95E-01	3.94E-04	0.00E+00	0.00E+00	0.00E+00	8.03E-05
WH25595203C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH25595204C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH25595205C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH25595206C	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH25595207C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH25595209C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH25596200C	1.10E-04	1.74E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.14E-02	6.53E-09	5.17E-05	5.67E-04	0.00E+00	0.00E+00	3.06E-13	5.92E-12	4.24E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.11E-04	2.43E-01	0.00E+00	2.67E-11	8.97E-10	1.43E-04	4.35E-07	3.24E-04	0.00E+00	2.43E-01	6.86E-10	2.43E-01	2.43E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-05
WH25596205C	4.49E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	1.99E-04	2.25E-03	0.00E+00	0.00E+00	1.31E-12	2.70E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH25596207C	4.49E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	1.99E-04	2.25E-03	0.00E+00	0.00E+00	1.31E-12	2.70E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH25596209C	4.49E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	1.99E-04	2.25E-03	0.00E+00	0.00E+00	1.31E-12	2.70E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH25620300C	1.17E-04	1.84E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.21E-02	6.91E-09	5.47E-05	6.00E-04	0.00E+00	0.00E+00	3.24E-13	6.26E-12	4.49E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-06	6.46E-04	2.57E-01	0.00E+00	2.82E-11	9.49E-10	1.51E-04	4.60E-07	3.43E-04	0.00E+00	2.57E-01	7.25E-10	2.57E-01	2.57E-01	3.43E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-05
WH25620303C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25620304C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25620307C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25620309C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25620700C	1.18E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.22E-02	7.01E-09	5.54E-05	6.08E-04	0.00E+00	0.00E+00	3.28E-13	6.35E-12	4.55E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.56E-04	2.61E-01	0.00E+00	2.86E-11	9.62E-10	1.53E-04	4.67E-07	3.48E-04	0.00E+00	2.61E-01	7.35E-10	2.61E-01	2.61E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.09E-05
WH25620703C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25620704C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25620705C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25620707C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25623300C	9.95E-05	1.54E-02	4.57E-10	1.54E-02	2.05E-11	0.00E+00	1.01E-02	5.69E-09	4.73E-05	5.06E-04	0.00E+00	0.00E+00	2.69E-13	5.28E-12	3.77E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.40E-04	2.15E-01	0.00E+00	2.36E-11	8.20E-10	1.27E-04	3.83E-07	2.86E-04	0.00E+00	2.15E-01	5.96E-10	2.15E-01	2.16E-01	2.86E-04	0.00E+00	0.00E+00	0.00E+00	5.82E-05
WH25623305C	9.95E-05	1.54E-02	4.57E-10	1.54E-02	2.05E-11	0.00E+00	1.01E-02	5.68E-09	4.73E-05	5.02E-04	0.00E+00	0.00E+00	2.70E-13	5.28E-12	3.77E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.41E-04	2.15E-01	0.00E+00	2.36E-11	8.20E-10	1.27E-04	3.83E-07	2.87E-04	0.00E+00	2.15E-01	5.96E-10	2.15E-01	2.16E-01	2.87E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-05
WH25623306C	2.24E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.27E-13	1.26E-11	8.81E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.28E-03	5.03E-01	0.00E+00	5.49E-11	1.85E-09	2.87E-04	9.08E-07	6.74E-04	0.00E+00	5.03E-01	1.43E-09	5.03E-01	5.02E-01	6.74E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH25625300C	1.16E-04	1.84E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.20E-02	6.89E-09	5.45E-05	5.98E-04	0.00E+00	0.00E+00	3.23E-13	6.25E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.45E-04	2.56E-01	0.00E+00	2.82E-11	9.46E-10	1.51E-04	4.59E-07	3.42E-04	0.00E+00	2.56E-01	7.23E-10	2.56E-01	2.57E-01	3.42E-04	0.00E+00	0.00E+00	0.00E+00	6.98E-05
WH25625303C	1.07E-04	1.69E-02	4.57E-10	1.69E-02	2.05E-11	0.00E+00	1.11E-02	6.36E-09	4.96E-05	5.50E-04	0.00E+00	0.00E+00	2.98E-13	5.80E-12	4.15E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-06	5.94E-04	2.38E-01	0.00E+00	2.62E-11	8.63E-10	1.39E-04	4.25E-07	3.15E-04	0.00E+00	2.38E-01	6.65E-10	2.38E-01	2.39E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	6.41E-05
WH25625304C	1.07E-04	1.69E-02	4.57E-10	1.69E-02	2.05E-11	0.00E+00	1.11E-02	6.36E-09	4.96E-05	5.50E-04	0.00E+00	0.00E+00	2.98E-13	5.80E-12	4.15E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-06	5.94E-04	2.38E-01	0.00E+00	2.62E-11	8.63E-10	1.39E-04	4.25E-07	3.15E-04	0.00E+00	2.38E-01	6.65E-10	2.38E-01	2.39E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	6.41E-05
WH25625305C	1.07E-04	1.69E-02	4.57E-10	1.69E-02	2.05E-11	0.00E+00	1.11E-02	6.36E-09	4.96E-05	5.50E-04	0.00E+00	0.00E+00	2.98E-13	5.80E-12	4.15E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-06	5.94E-04	2.38E-01	0.00E+00	2.62E-11	8.63E-10	1.39E-04	4.25E-07	3.15E-04	0.00E+00	2.38E-01	6.65E-10	2.38E-01	2.39E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	6.41E-05
WH25625306C	1.07E-04	1.69E-02	4.57E-10	1.69E-02	2.05E-11	0.00E+00	1.11E-02	6.36E-09	4.96E-05	5.50E-04	0.00E+00	0.00E+00	2.98E-13	5.80E-12	4.15E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-06	5.94E-04	2.38E-01	0.00E+00	2.62E-11	8.63E-10	1.39E-04	4.25E-07	3.15E-04	0.00E+00	2.38E-01	6.65E-10	2.38E-01	2.39E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	6.41E-05
WH25625307C	1.07E-04	1.69E-02	4.57E-10	1.69E-02	2.05E-11	0.00E+00	1.11E-02	6.36E-09	4.96E-05	5.50E-04	0.00E+00	0.00E+00	2.98E-13	5.80E-12	4.15E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-06	5.94E-04	2.38E-01	0.00E+00	2.62E-11	8.63E-10	1.39E-04	4.25E-07	3.15E-04	0.00E+00	2.38E-01	6.65E-10	2.38E-01	2.39E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	6.41E-05
WH25625309C	1.07E-04	1.69E-02	4.57E-10	1.69E-02	2.05E-11	0.00E+00	1.11E-02	6.36E-09	4.96E-05	5.50E-04	0.00E+00	0.00E+00	2.98E-13	5.80E-12	4.15E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-06	5.94E-04	2.38E-01	0.00E+00	2.62E-11	8.63E-10	1.39E-04	4.25E-07	3.15E-04	0.00E+00	2.38E-01	6.65E-10	2.38E-01	2.39E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	6.41E-05
WH25625700C	1.19E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.03E-09	5.57E-05	6.11E-04	0.00E+00	0.00E+00	3.30E-13	6.38E-12	4.57E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.58E-04	2.62E-01	0.00E+00	2.87E-11	9.66E-10	1.54E-04	4.69E-07	3.49E-04	0.00E+00	2.62E-01	7.38E-10	2.62E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-05
WH25628300C	9.95E-05	1.54E-02	4.57E-10	1.54E-02	2.05E-11	0.00E+00	1.01E-02	5.69E-09	4.73E-05	5.02E-04	0.00E+00	0.00E+00	2.69E-13	5.28E-12	3.77E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.41E-04	2.15E-01	0.00E+00	2.36E-11	8.19E-10	1.27E-04	3.83E-07	2.86E-04	0.00E+00	2.15E-01	5.96E-10	2.15E-01	2.16E-01	2.86E-04	0.00E+00	0.00E+00	0.00E+00	5.83E-05
WH25628306C	2.24E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.27E-13	1.26E-11	8.81E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.28E-03	5.03E-01	0.00E+00	5.49E-11	1.85E-09	2.87E-04	9.08E-07	6.74E-04	0.00E+00	5.03E-01	1.43E-09	5.03E-01	5.02E-01	6.74E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH25640300C	1.32E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.37E-02	7.83E-09	6.19E-05	6.79E-04	0.00E+00	0.00E+00	3.67E-13	7.09E-12	5.08E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.32E-04	2.91E-01	0.00E+00	3.20E-11	1.07E-09	1.71E-04	5.22E-07	3.88E-04	0.00E+00	2.91E-01	8.21E-10	2.91E-01	2.91E-01	3.88E-04	0.00E+00	0.00E+00	0.00E+00	7.92E-05
WH25640303C	1.06E-04	1.67E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.10E-02	6.28E-09	4.97E-05	5.46E-04	0.00E+00	0.00E+00	2.94E-13	5.70E-12	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.88E-04	2.34E-01	0.00E+00	2.57E-11	8.63E-10	1.38E-04	4.19E-07	3.12E-04	0.00E+00	2.34E-01	6.60E-10	2.34E-01	2.34E-01	3.12E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-05
WH25640304C	1.07E-04	1.69E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.11E-02	6.35E-09	5.03E-05	5.51E-04	0.00E+00	0.00E+00	2.97E-13	5.76E-12	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	5.94E-04	2.36E-01	0.00E+00	2.60E-11	8.72E-10	1.39E-04	4.23E-07	3.15E-04	0.00E+00	2.36E-01	6.66E-10	2.36E-01	2.36E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	6.43E-05
WH25640305C	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.35E-02	7.71E-09	6.10E-05	6.69E-04	0.00E+00	0.00E+00	3.61E-13	6.99E-12	5.01E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.21E-04	2.87E-01	0.00E+00	3.15E-11	1.06E-09	1.69E-04	5.14E-07	3.83E-04	0.00E+00	2.87E-01	8.09E-10	2.87E-01	2.87E-01	3.83E-04	0.00E+00	0.00E+00	0.00E+00	7.80E-05
WH25640306C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25640307C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25640309C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25640700C	1.33E-04	2.10E-02	0.00E+00	2.10E-02	0.00E+00	0.00E+00	1.37E-02	7.87E-09	6.23E-05	6.84E-04	0.00E+00	0.00E+00	3.69E-13	7.14E-12	5.11E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	7.37E-04	2.93E-01	0.00E+00	3.22E-11	1.08E-09	1.72E-04	5.25E-07	3.91E-04	0.00E+00	2.93E-01	8.26E-10	2.93E-01	2.93E-01	3.91E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-05
WH25640703C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25640704C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25640705C	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.14E-02	6.50E-09	5.14E-05	5.64E-04	0.00E+00	0.00E+00	3.05E-13	5.89E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.08E-04	2.42E-01	0.00E+00	2.66E-11	8.93E-10	1.42E-04	4.33E-07	3.23E-04	0.00E+00	2.42E-01	6.82E-10	2.42E-01	2.42E-01	3.23E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
WH25640707C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25640709C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25643300C	1.14E-04	1.73E-02	4.57E-10	1.73E-02	2.05E-11	0.00E+00	1.14E-02	6.50E-09	5.21E-05	5.65E-04	0.00E+00	0.00E+00	3.06E-13	5.88E-12	4.30E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.04E-04	2.39E-01	0.00E+00	2.68E-11	9.04E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.39E-01	6.82E-10	2.39E-01	2.39E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-05
WH25643303C	1.14E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.14E-02	6.55E-09	5.23E-05	5.65E-04	0.00E+00	0.00E+00	3.08E-13	5.93E-12	4.30E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.06E-04	2.39E-01	0.00E+00	2.68E-11	9.03E-10	1.43E-04	4.33E-07	3.23E-04	0.00E+00	2.39E-01	6.84E-10	2.39E-01	2.40E-01	3.23E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-05
WH25643305C	1.14E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.14E-02	6.55E-09	5.23E-05	5.65E-04	0.00E+00	0.00E+00	3.08E-13	5.93E-12	4.30E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.06E-04	2.39E-01	0.00E+00	2.68E-11	9.03E-10	1.43E-04	4.33E-07	3.23E-04	0.00E+00	2.39E-01	6.84E-10	2.39E-01	2.40E-01	3.23E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-05
WH25643306C	2.24E-04	3.58E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.09E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	8.80E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.03E-01	0.00E+00	5.49E-11	1.84E-09	2.86E-04	9.06E-07	6.76E-04	0.00E+00	5.03E-01	1.43E-09	5.03E-01	5.02E-01	6.76E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH25645300C	1.30E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.35E-02	7.73E-09	6.12E-05	6.71E-04	0.00E+00	0.00E+00	3.62E-13	7.01E-12	5.02E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.23E-04	2.87E-01	0.00E+00	3.16E-11	1.06E-09	1.69E-04	5.15E-07	3.84E-04	0.00E+00	2.87E-01	8.11E-10	2.87E-01	2.88E-01	3.84E-04	0.00E+00	0.00E+00	0.00E+00	7.82E-05
WH25645303C	1.08E-04	1.70E-02	4.57E-10	1.70E-02	2.05E-11	0.00E+00	1.12E-02	6.38E-09	4.90E-05	5.39E-04	0.00E+00	0.00E+00	2.97E-13	5.78E-12	4.19E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	6.64E-04	2.39E-01	0.00E+00	2.64E-11	8.44E-10	1.36E-04	4.84E-07	3.69E-04	0.00E+00	2.39E-01	6.69E-10	2.39E-01	2.39E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-05
WH25645304C	1.08E-04	1.70E-02	4.57E-10	1.70E-02	2.05E-11	0.00E+00	1.12E-02	6.38E-09	4.90E-05	5.39E-04	0.00E+00	0.00E+00	2.97E-13	5.78E-12	4.19E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	6.64E-04	2.39E-01	0.00E+00	2.64E-11	8.44E-10	1.36E-04	4.84E-07	3.69E-04	0.00E+00	2.39E-01	6.69E-10	2.39E-01	2.39E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-05
WH25645305C	1.07E-04	1.69E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.11E-02	6.35E-09	5.03E-05	5.51E-04	0.00E+00	0.00E+00	2.97E-13	5.76E-12	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	5.94E-04	2.36E-01	0.00E+00	2.60E-11	8.72E-10	1.39E-04	4.23E-07	3.15E-04	0.00E+00	2.36E-01	6.66E-10	2.36E-01	2.36E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	6.43E-05
WH25645306C	1.08E-04	1.70E-02	4.57E-10	1.70E-02	2.05E-11	0.00E+00	1.12E-02	6.38E-09	4.90E-05	5.39E-04	0.00E+00	0.00E+00	2.97E-13	5.78E-12	4.19E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	6.64E-04	2.39E-01	0.00E+00	2.64E-11	8.44E-10	1.36E-04	4.84E-07	3.69E-04	0.00E+00	2.39E-01	6.69E-10	2.39E-01	2.39E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-05
WH25645307C	1.08E-04	1.70E-02	4.57E-10	1.70E-02	2.05E-11	0.00E+00	1.12E-02	6.38E-09	4.90E-05	5.39E-04	0.00E+00	0.00E+00	2.97E-13	5.78E-12	4.19E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	6.64E-04	2.39E-01	0.00E+00	2.64E-11	8.44E-10	1.36E-04	4.84E-07	3.69E-04	0.00E+00	2.39E-01	6.69E-10	2.39E-01	2.39E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-05
WH25645309C	1.08E-04	1.70E-02	4.57E-10	1.70E-02	2.05E-11	0.00E+00	1.12E-02	6.38E-09	4.90E-05	5.39E-04	0.00E+00	0.00E+00	2.97E-13	5.78E-12	4.19E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	6.64E-04	2.39E-01	0.00E+00	2.64E-11	8.44E-10	1.36E-04	4.84E-07	3.69E-04	0.00E+00	2.39E-01	6.69E-10	2.39E-01	2.39E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-05
WH25645700C	1.09E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.48E-09	5.13E-05	5.63E-04	0.00E+00	0.00E+00	3.04E-13	5.88E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.07E-04	2.41E-01	0.00E+00	2.65E-11	8.90E-10	1.42E-04	4.32E-07	3.22E-04	0.00E+00	2.41E-01	6.80E-10	2.41E-01	2.41E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-05
WH25645705C	1.12E-04	1.71E-02	4.57E-10	1.72E-02	2.05E-11	0.00E+00	1.13E-02	6.44E-09	5.13E-05	5.57E-04	0.00E+00	0.00E+00	3.02E-13	5.85E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-06	6.01E-04	2.40E-01	0.00E+00	2.64E-11	8.88E-10	1.41E-04	4.29E-07	3.19E-04	0.00E+00	2.40E-01	6.70E-10	2.40E-01	2.40E-01	3.19E-04	0.00E+00	0.00E+00	0.00E+00	6.50E-05
WH25645707C	1.12E-04	1.71E-02	4.57E-10	1.72E-02	2.05E-11	0.00E+00	1.13E-02	6.44E-09	5.13E-05	5.57E-04	0.00E+00	0.00E+00	3.02E-13	5.85E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-06	6.01E-04	2.40E-01	0.00E+00	2.64E-11	8.88E-10	1.41E-04	4.29E-07	3.19E-04	0.00E+00	2.40E-01	6.70E-10	2.40E-01	2.40E-01	3.19E-04	0.00E+00	0.00E+00	0.00E+00	6.50E-05
WH25648305C	1.15E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.14E-02	6.55E-09	5.23E-05	5.65E-04	0.00E+00	0.00E+00	3.08E-13	5.93E-12	4.30E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.06E-04	2.40E-01	0.00E+00	2.68E-11	9.04E-10	1.43E-04	4.33E-07	3.24E-04	0.00E+00	2.40E-01	6.84E-10	2.40E-01	2.40E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-05
WH25750100C	1.08E-04	1.71E-02	4.57E-10	1.71E-02	2.05E-11	0.00E+00	1.12E-02	6.41E-09	4.91E-05	5.42E-04	0.00E+00	0.00E+00	2.99E-13	5.83E-12	4.19E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-06	6.62E-04	2.43E-01	0.00E+00	2.64E-11	8.45E-10	1.36E-04	4.85E-07	3.70E-04	0.00E+00	2.43E-01	6.73E-10	2.43E-01	2.43E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	6.49E-05
WH25750105C	3.57E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.26E-03	1.73E-09	1.31E-05	1.76E-04	0.00E+00	0.00E+00	7.20E-14	1.98E-12	9.97E-06	0.00E+00	0.00E+00	0.00E+00	5.13E-07	2.33E-04	5.56E-02	0.00E+00	6.49E-12	2.31E-10	3.64E-05	1.19E-07	8.90E-05	0.00E+00	5.56E-02	1.86E-10	5.56E-02	5.75E-02	8.90E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25750205C	3.57E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.26E-03	1.73E-09	1.31E-05	1.76E-04	0.00E+00	0.00E+00	7.20E-14	1.98E-12	9.97E-06	0.00E+00	0.00E+00	0.00E+00	5.13E-07	2.33E-04	5.56E-02	0.00E+00	6.49E-12	2.31E-10	3.64E-05	1.19E-07	8.90E-05	0.00E+00	5.56E-02	1.86E-10	5.56E-02	5.75E-02	8.90E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH25915600C	1.50E-04	2.37E-02	0.00E+00	2.37E-02	0.00E+00	0.00E+00	1.55E-02	8.90E-09	7.04E-05	7.72E-04	0.00E+00	0.00E+00	4.17E-13	8.06E-12	5.78E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	8.33E-04	3.31E-01	0.00E+00	3.64E-11	1.22E-09	1.95E-04	5.93E-07	4.42E-04	0.00E+00	3.31E-01	9.34E-10	3.31E-01	3.31E-01	4.42E-04	0.00E+00	0.00E+00	0.00E+00	9.01E-05
WH25915603C	2.20E-04	3.57E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.39E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.28E-13	1.25E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.01E-01	0.00E+00	5.47E-11	1.85E-09	2.86E-04	9.06E-07	6.75E-04	0.00E+00	5.01E-01	1.43E-09	5.01E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH25915605C	2.20E-04	3.57E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.39E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.28E-13	1.25E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.01E-01	0.00E+00	5.47E-11	1.85E-09	2.86E-04	9.06E-07	6.75E-04	0.00E+00	5.01E-01	1.43E-09	5.01E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH25915700C	2.16E-04	5.19E-02	4.57E-10	5.13E-02	2.05E-11	0.00E+00	3.44E-02	2.00E-08	1.20E-04	1.00E-03	0.00E+00	0.00E+00	9.78E-13	2.06E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.86E-06	1.83E-03	7.96E-01	0.00E+00	8.29E-11	2.18E-09	3.37E-04	1.30E-06	9.72E-04	0.00E+00	7.96E-01	2.26E-09	7.96E-01	7.77E-01	9.72E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-04
WH25915800C	2.51E-04	3.96E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	2.60E-02	1.49E-08	1.18E-04	1.29E-03	0.00E+00	0.00E+00	6.97E-13	1.35E-11	9.66E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	1.39E-03	5.53E-01	0.00E+00	6.08E-11	2.04E-09	3.26E-04	9.92E-07	7.39E-04	0.00E+00	5.53E-01	1.56E-09	5.53E-01	5.54E-01	7.39E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
WH25915803C	2.19E-04	3.64E-02	4.57E-10	3.61E-02	2.05E-11	0.00E+00	2.40E-02	1.44E-08	1.05E-04	1.11E-03	0.00E+00	0.00E+00	6.33E-13	1.30E-11	8.92E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	1.33E-03	5.09E-01	0.00E+00	5.51E-11	1.82E-09	2.91E-04	9.13E-07	6.85E-04	0.00E+00	5.09E-01	1.46E-09	5.09E-01	5.07E-01	6.85E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH25915804C	2.19E-04	3.64E-02	4.57E-10	3.61E-02	2.05E-11	0.00E+00	2.40E-02	1.44E-08	1.05E-04	1.11E-03	0.00E+00	0.00E+00	6.33E-13	1.30E-11	8.92E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	1.33E-03	5.09E-01	0.00E+00	5.51E-11	1.82E-09	2.91E-04	9.13E-07	6.85E-04	0.00E+00	5.09E-01	1.46E-09	5.09E-01	5.07E-01	6.85E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH25915805C	2.19E-04	3.64E-02	4.57E-10	3.61E-02	2.05E-11	0.00E+00	2.40E-02	1.44E-08	1.05E-04	1.11E-03	0.00E+00	0.00E+00	6.33E-13	1.30E-11	8.92E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	1.33E-03	5.09E-01	0.00E+00	5.51E-11	1.82E-09	2.91E-04	9.13E-07	6.85E-04	0.00E+00	5.09E-01	1.46E-09	5.09E-01	5.07E-01	6.85E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH25916200C	2.16E-04	5.19E-02	4.57E-10	5.13E-02	2.05E-11	0.00E+00	3.45E-02	2.00E-08	1.20E-04	1.00E-03	0.00E+00	0.00E+00	9.78E-13	2.04E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.84E-06	1.83E-03	7.94E-01	0.00E+00	8.29E-11	2.18E-09	3.36E-04	1.31E-06	9.70E-04	0.00E+00	7.94E-01	2.26E-09	7.94E-01	7.74E-01	9.70E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
WH25916203C	2.23E-04	5.19E-02	4.57E-10	5.14E-02	2.05E-11	0.00E+00	3.44E-02	2.00E-08	1.22E-04	1.00E-03	0.00E+00	0.00E+00	9.77E-13	2.05E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.86E-06	1.83E-03	7.87E-01	0.00E+00	8.27E-11	2.21E-09	3.46E-04	1.30E-06	9.73E-04	0.00E+00	7.87E-01	2.26E-09	7.87E-01	7.73E-01	9.73E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-04
WH25916205C	2.23E-04	5.19E-02	4.57E-10	5.14E-02	2.05E-11	0.00E+00	3.44E-02	2.00E-08	1.22E-04	1.00E-03	0.00E+00	0.00E+00	9.77E-13	2.05E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.86E-06	1.83E-03	7.87E-01	0.00E+00	8.27E-11	2.21E-09	3.46E-04	1.30E-06	9.73E-04	0.00E+00	7.87E-01	2.26E-09	7.87E-01	7.73E-01	9.73E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-04
WH25916300C	2.20E-04	3.57E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.39E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.28E-13	1.25E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.01E-01	0.00E+00	5.47E-11	1.85E-09	2.86E-04	9.06E-07	6.75E-04	0.00E+00	5.01E-01	1.43E-09	5.01E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH25916304C	2.20E-04	3.57E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.39E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.28E-13	1.25E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.01E-01	0.00E+00	5.47E-11	1.85E-09	2.86E-04	9.06E-07	6.75E-04	0.00E+00	5.01E-01	1.43E-09	5.01E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH25916305C	2.20E-04	3.57E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.39E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.28E-13	1.25E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.01E-01	0.00E+00	5.47E-11	1.85E-09	2.86E-04	9.06E-07	6.75E-04	0.00E+00	5.01E-01	1.43E-09	5.01E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH25917000C	2.21E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.43E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	1.32E-03	5.04E-01	0.00E+00	5.49E-11	1.84E-09	2.86E-04	9.09E-07	6.81E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.09E-01	6.81E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH25917003C	2.19E-04	3.62E-02	4.57E-10	3.61E-02	2.05E-11	0.00E+00	2.40E-02	1.44E-08	1.06E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.30E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.35E-03	5.07E-01	0.00E+00	5.49E-11	1.84E-09	2.90E-04	9.10E-07	6.84E-04	0.00E+00	5.07E-01	1.46E-09	5.07E-01	5.06E-01	6.84E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04

WH25917004C	2.19E-04	3.62E-02	4.57E-10	3.61E-02	2.05E-11	0.00E+00	2.40E-02	1.44E-08	1.06E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.30E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.35E-03	5.07E-01	0.00E+00	5.49E-11	1.84E-09	2.90E-04	9.10E-07	6.84E-04	0.00E+00	5.07E-01	1.46E-09	5.07E-01	5.06E-01	6.84E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH25917700C	4.56E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.11E-04	2.35E-03	0.00E+00	0.00E+00	1.33E-12	2.68E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.49E-03	1.02E+00	0.00E+00	1.12E-10	3.65E-09	5.88E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
WH25917705C	4.56E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.11E-04	2.35E-03	0.00E+00	0.00E+00	1.33E-12	2.68E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.49E-03	1.02E+00	0.00E+00	1.12E-10	3.65E-09	5.88E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
WH25917803C	4.53E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.00E-04	2.25E-03	0.00E+00	0.00E+00	1.33E-12	2.69E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
WH25917804C	4.53E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.00E-04	2.25E-03	0.00E+00	0.00E+00	1.33E-12	2.69E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
WH25917805C	4.53E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.00E-04	2.25E-03	0.00E+00	0.00E+00	1.33E-12	2.69E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
WH26580300C	8.30E-05	1.31E-02	0.00E+00	1.31E-02	0.00E+00	0.00E+00	8.58E-03	4.92E-09	3.89E-05	4.27E-04	0.00E+00	0.00E+00	2.30E-13	4.46E-12	3.19E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-06	4.60E-04	1.83E-01	0.00E+00	2.01E-11	6.75E-10	1.08E-04	3.28E-07	2.44E-04	0.00E+00	1.83E-01	5.16E-10	1.83E-01	1.83E-01	2.44E-04	0.00E+00	0.00E+00	0.00E+00	4.98E-05
WH26580303C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26580304C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26580305C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26580307C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26585300C	1.17E-04	1.80E-02	4.57E-10	1.81E-02	2.05E-11	0.00E+00	1.19E-02	6.84E-09	5.41E-05	5.96E-04	0.00E+00	0.00E+00	3.22E-13	6.22E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.34E-04	2.52E-01	0.00E+00	2.80E-11	9.37E-10	1.49E-04	4.58E-07	3.39E-04	0.00E+00	2.52E-01	7.20E-10	2.52E-01	2.51E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-05
WH26585303C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26585304C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26585305C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26585307C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26585400C	3.54E-05	5.07E-03	4.57E-10	5.08E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.06E-05	1.67E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	9.91E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.48E-02	0.00E+00	6.14E-12	1.96E-10	3.07E-05	1.12E-07	8.87E-05	0.00E+00	5.48E-02	1.85E-10	5.48E-02	5.73E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH26585405C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH26592200C	1.17E-04	1.80E-02	4.57E-10	1.81E-02	2.05E-11	0.00E+00	1.19E-02	6.83E-09	5.41E-05	6.00E-04	0.00E+00	0.00E+00	3.22E-13	6.27E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-06	6.34E-04	2.51E-01	0.00E+00	2.80E-11	9.38E-10	1.48E-04	4.60E-07	3.40E-04	0.00E+00	2.51E-01	7.19E-10	2.51E-01	2.50E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	7.00E-05
WH26592205C	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH26593200C	4.52E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.10E-04	2.35E-03	0.00E+00	0.00E+00	1.31E-12	2.69E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.49E-03	1.02E+00	0.00E+00	1.12E-10	3.65E-09	5.88E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH26595200C	1.17E-04	1.80E-02	4.57E-10	1.81E-02	2.05E-11	0.00E+00	1.20E-02	6.84E-09	5.41E-05	5.96E-04	0.00E+00	0.00E+00	3.22E-13	6.23E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.34E-04	2.52E-01	0.00E+00	2.80E-11	9.37E-10	1.49E-04	4.60E-07	3.40E-04	0.00E+00	2.52E-01	7.20E-10	2.52E-01	2.51E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.98E-05
WH26595205C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH26595207C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH26596200C	4.49E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	1.99E-04	2.25E-03	0.00E+00	0.00E+00	1.31E-12	2.70E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH26596203C	4.49E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	1.99E-04	2.25E-03	0.00E+00	0.00E+00	1.31E-12	2.70E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH26596207C	4.49E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	1.99E-04	2.25E-03	0.00E+00	0.00E+00	1.31E-12	2.70E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH26620300C	3.48E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.88E-09	1.12E-05	1.64E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.79E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.51E-02	0.00E+00	6.55E-12	1.97E-10	3.20E-05	1.22E-07	8.77E-05	0.00E+00	5.51E-02	2.66E-10	5.51E-02	5.60E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26620303C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26620304C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26620305C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26620307C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26620309C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26620700C	1.05E-04	1.66E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.10E-02	6.29E-09	5.01E-05	5.49E-04	0.00E+00	0.00E+00	2.96E-13	5.63E-12	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.87E-04	2.33E-01	0.00E+00	2.57E-11	8.55E-10	1.37E-04	4.17E-07	3.11E-04	0.00E+00	2.33E-01	6.55E-10	2.33E-01	2.32E-01	3.11E-04	0.00E+00	0.00E+00	0.00E+00	6.33E-05
WH26620704C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26620705C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26623305C	1.05E-04	1.66E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.08E-02	6.22E-09	4.91E-05	5.42E-04	0.00E+00	0.00E+00	2.90E-13	5.63E-12	4.05E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.84E-04	2.31E-01	0.00E+00	2.55E-11	8.54E-10	1.37E-04	4.15E-07	3.09E-04	0.00E+00	2.31E-01	6.54E-10	2.31E-01	2.31E-01	3.09E-04	0.00E+00	0.00E+00	0.00E+00	6.29E-05
WH26625300C	1.05E-04	1.66E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.10E-02	6.28E-09	4.92E-05	5.44E-04	0.00E+00	0.00E+00	2.96E-13	5.63E-12	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.86E-04	2.32E-01	0.00E+00	2.57E-11	8.55E-10	1.37E-04	4.17E-07	3.11E-04	0.00E+00	2.32E-01	6.54E-10	2.32E-01	2.32E-01	3.11E-04	0.00E+00	0.00E+00	0.00E+00	6.33E-05
WH26625303C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26625304C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26625305C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26625307C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26625700C	1.04E-04	1.61E-02	4.57E-10	1.61E-02	2.05E-11	0.00E+00	1.05E-02	5.98E-09	4.79E-05	5.29E-04	0.00E+00	0.00E+00	2.84E-13	5.46E-12	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-06	5.65E-04	2.25E-01	0.00E+00	2.49E-11	8.31E-10	1.33E-04	4.02E-07	3.00E-04	0.00E+00	2.25E-01	6.27E-10	2.25E-01	2.25E-01	3.00E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-05
WH26625709C	1.04E-04	1.62E-02	4.57E-10	1.62E-02	2.05E-11	0.00E+00	1.05E-02	6.01E-09	4.79E-05	5.30E-04	0.00E+00	0.00E+00	2.86E-13	5.49E-12	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-06	5.68E-04	2.27E-01	0.00E+00	2.50E-11	8.31E-10	1.34E-04	4.02E-07	3.02E-04	0.00E+00	2.27E-01	6.30E-10	2.27E-01	2.26E-01	3.02E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-05
WH26640300C	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.12E-09	6.43E-05	7.05E-04	0.00E+00	0.00E+00	3.81E-13	7.36E-12	5.27E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.60E-04	3.02E-01	0.00E+00	3.32E-11	1.12E-09	1.78E-04	5.41E-07	4.03E-04	0.00E+00	3.02E-01	8.52E-10	3.02E-01	3.02E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
WH26640700C	1.38E-04	2.18E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.43E-02	8.19E-09	6.48E-05	7.11E-04	0.00E+00	0.00E+00	3.84E-13	7.42E-12	5.32E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.66E-04	3.05E-01	0.00E+00	3.35E-11	1.12E-09	1.79E-04	5.46E-07	4.06E-04	0.00E+00	3.05E-01	8.60E-10	3.05E-01	3.05E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
WH26640703C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26640704C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26640705C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26640707C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26643305C	1.18E-04	1.87E-02	4.57E-10	1.88E-02	2.05E-11	0.00E+00	1.23E-02	7.07E-09	5.56E-05	6.05E-04	0.00E+00	0.00E+00	3.30E-13	6.36E-12	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.54E-04	2.63E-01	0.00E+00	2.84E-11	9.65E-10	1.54E-04	4.63E-07	3.48E-04	0.00E+00	2.63E-01	7.33E-10	2.63E-01	2.64E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.13E-05
WH26645300C	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.32E-05	5.70E-04	0.00E+00	0.00E+00	3.17E-13	6.13E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.11E-04	2.41E-01	0.00E+00	2.79E-11	9.18E-10	1.44E-04	4.39E-07	3.33E-04	0.00E+00	2.41E-01	7.08E-10	2.41E-01	2.42E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
WH26645303C	1.15E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.19E-02	6.80E-09	5.33E-05	5.73E-04	0.00E+00	0.00E+00	3.20E-13	6.15E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.14E-04	2.42E-01	0.00E+00	2.79E-11	9.19E-10	1.45E-04	4.41E-07	3.35E-04	0.00E+00	2.42E-01	7.12E-10	2.42E-01	2.43E-01	3.35E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
WH26645304C	1.15E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.19E-02	6.80E-09	5.33E-05	5.73E-04	0.00E+00	0.00E+00	3.20E-13	6.15E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.14E-04	2.42E-01	0.00E+00	2.79E-11	9.19E-10	1.45E-04	4.41E-07	3.35E-04	0.00E+00	2.42E-01	7.12E-10	2.42E-01	2.43E-01	3.35E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
WH26645305C	1.15E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.19E-02	6.80E-09	5.33E-05	5.73E-04	0.00E+00	0.00E+00	3.20E-13	6.15E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.14E-04	2.42E-01	0.00E+00	2.79E-11	9.19E-10	1.45E-04	4.41E-07	3.35E-04	0.00E+00	2.42E-01	7.12E-10	2.42E-01	2.43E-01	3.35E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
WH26645307C	1.15E-04	1.77E-02	4.57E-10	1.77E-02	2.05E-11	0.00E+00	1.19E-02	6.80E-09	5.33E-05	5.73E-04	0.00E+00	0.00E+00	3.20E-13	6.15E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.14E-04	2.42E-01	0.00E+00	2.79E-11	9.19E-10	1.45E-04	4.41E-07	3.35E-04	0.00E+00	2.42E-01	7.12E-10	2.42E-01	2.43E-01	3.35E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05
WH26645700C	1.18E-04	1.85E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.21E-02	6.91E-09	5.52E-05	6.04E-04	0.00E+00	0.00E+00	3.25E-13	6.29E-12	4.49E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.48E-04	2.59E-01	0.00E+00	2.82E-11	9.58E-10	1.52E-04	4.62E-07	3.43E-04	0.00E+00	2.59E-01	7.26E-10	2.59E-01	2.59E-01	3.43E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05
WH26645704C	1.18E-04	1.85E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	6.93E-09	5.53E-05	6.05E-04	0.00E+00	0.00E+00	3.26E-13	6.31E-12	4.49E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.49E-04	2.59E-01	0.00E+00	2.82E-11	9.59E-10	1.53E-04	4.63E-07	3.45E-04	0.00E+00	2.59E-01	7.27E-10	2.59E-01	2.59E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05
WH26750100C	3.57E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.26E-03	1.73E-09	1.31E-05	1.76E-04	0.00E+00	0.00E+00	7.20E-14	1.98E-12	9.97E-06	0.00E+00	0.00E+00	0.00E+00	5.13E-07	2.33E-04	5.56E-02	0.00E+00	6.49E-12	2.31E-10	3.64E-05	1.19E-07	8.90E-05	0.00E+00	5.56E-02	1.86E-10	5.56E-02	5.75E-02	8.90E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH26915600C	2.20E-04	3.57E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.39E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.28E-13	1.25E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.01E-01	0.00E+00	5.47E-11	1.85E-09	2.86E-04	9.06E-07	6.75E-04	0.00E+00	5.01E-01	1.43E-09	5.01E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH26915700C	2.16E-04	5.19E-02	4.57E-10	5.13E-02	2.05E-11	0.00E+00	3.44E-02	2.00E-08	1.20E-04	1.00E-03	0.00E+00	0.00E+00	9.78E-13	2.06E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.86E-06	1.83E-03	7.96E-01	0.00E+00	8.29E-11	2.18E-09	3.37E-04	1.30E-06	9.72E-04	0.00E+00	7.96E-01	2.26E-09	7.96E-01	7.77E-01	9.72E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-04
WH26915800C	2.21E-04	3.59E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.02E-04	1.10E-03	0.00E+00	0.00E+00	6.32E-13	1.27E-11	8.89E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.31E-03	5.08E-01	0.00E+00	5.51E-11	1.83E-09	2.86E-04	9.12E-07	6.83E-04	0.00E+00	5.08E-01	1.44E-09	5.08E-01	5.11E-01	6.83E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH26916300C	2.20E-04	3.57E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.39E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.28E-13	1.25E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.01E-01	0.00E+00	5.47E-11	1.85E-09	2.86E-04	9.06E-07	6.75E-04	0.00E+00	5.01E-01	1.43E-09	5.01E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH26917000C	2.21E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.43E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	1.32E-03	5.04E-01	0.00E+00	5.49E-11	1.84E-09	2.86E-04	9.09E-07	6.81E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.09E-01	6.81E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH26917805C	4.56E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.11E-04	2.35E-03	0.00E+00	0.00E+00	1.33E-12	2.68E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.49E-03	1.02E+00	0.00E+00	1.12E-10	3.65E-09	5.88E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
WH27580300C	9.96E-05	1.57E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.03E-02	5.90E-09	4.67E-05	5.12E-04	0.00E+00	0.00E+00	2.76E-13	5.35E-12	3.83E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-06	5.52E-04	2.19E-01	0.00E+00	2.41E-11	8.10E-10	1.29E-04	3.93E-07	2.93E-04	0.00E+00	2.19E-01	6.19E-10	2.19E-01	2.20E-01	2.93E-04	0.00E+00	0.00E+00	0.00E+00	5.97E-05
WH27580303C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27580304C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27580305C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27580306C	8.57E-05	1.35E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	8.86E-03	5.07E-09	4.02E-05	4.40E-04	0.00E+00	0.00E+00	2.38E-13	4.60E-12	3.29E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-06	4.75E-04	1.89E-01	0.00E+00	2.07E-11	6.97E-10	1.11E-04	3.38E-07	2.52E-04	0.00E+00	1.89E-01	5.32E-10	1.89E-01	1.89E-01	2.52E-04	0.00E+00	0.00E+00	0.00E+00	5.14E-05
WH27580307C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27580309C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.84E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27583305C	9.06E-05	1.41E-02	4.57E-10	1.41E-02	2.05E-11	0.00E+00	9.24E-03	5.30E-09	4.25E-05	4.60E-04	0.00E+00	0.00E+00	2.48E-13	4.80E-12	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.96E-04	1.97E-01	0.00E+00	2.18E-11	7.38E-10	1.16E-04	3.55E-07	2.64E-04	0.00E+00	1.97E-01	5.56E-10	1.97E-01	1.97E-01	2.64E-04	0.00E+00	0.00E+00	0.00E+00	5.37E-05
WH27583306C	8.93E-05	1.41E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	9.24E-03	5.29E-09	4.19E-05	4.59E-04	0.00E+00	0.00E+00	2.48E-13	4.80E-12	3.44E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.95E-04	1.97E-01	0.00E+00	2.16E-11	7.27E-10	1.16E-04	3.53E-07	2.63E-04	0.00E+00	1.97E-01	5.55E-10	1.97E-01	1.97E-01	2.63E-04	0.00E+00	0.00E+00	0.00E+00	5.36E-05
WH27583307C	9.06E-05	1.41E-02	4.57E-10	1.41E-02	2.05E-11	0.00E+00	9.24E-03	5.30E-09	4.25E-05	4.60E-04	0.00E+00	0.00E+00	2.48E-13	4.80E-12	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.96E-04	1.97E-01	0.00E+00	2.18E-11	7.38E-10	1.16E-04	3.55E-07	2.64E-04	0.00E+00	1.97E-01	5.56E-10	1.97E-01	1.97E-01	2.64E-04	0.00E+00	0.00E+00	0.00E+00	5.37E-05
WH27585300C	9.90E-05	1.56E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	1.02E-02	5.86E-09	4.64E-05	5.09E-04	0.00E+00	0.00E+00	2.75E-13	5.31E-12	3.81E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.48E-04	2.18E-01	0.00E+00	2.40E-11	8.05E-10	1.28E-04	3.91E-07	2.91E-04	0.00E+00	2.18E-01	6.15E-10	2.18E-01	2.18E-01	2.91E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-05
WH27585303C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27585304C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27585305C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27585306C	8.48E-05	1.34E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	8.77E-03	5.02E-09	3.97E-05	4.36E-04	0.00E+00	0.00E+00	2.35E-13	4.55E-12	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-06	4.70E-04	1.87E-01	0.00E+00	2.05E-11	6.90E-10	1.10E-04	3.35E-07	2.49E-04	0.00E+00	1.87E-01	5.27E-10	1.87E-01	1.87E-01	2.49E-04	0.00E+00	0.00E+00	0.00E+00	5.08E-05
WH27585307C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27585309C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.85E-09	1.04E-05	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.52E-04	5.49E-02	0.00E+00	6.52E-12	1.87E-10	2.94E-05	1.22E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27585400C	3.54E-05	5.07E-03	4.57E-10	5.08E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.06E-05	1.67E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	9.91E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.48E-02	0.00E+00	6.14E-12	1.96E-10	3.07E-05	1.12E-07	8.87E-05	0.00E+00	5.48E-02	1.85E-10	5.48E-02	5.73E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH27585405C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH27588306C	8.93E-05	1.41E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	9.24E-03	5.29E-09	4.19E-05	4.59E-04	0.00E+00	0.00E+00	2.48E-13	4.80E-12	3.44E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.95E-04	1.97E-01	0.00E+00	2.16E-11	7.27E-10	1.16E-04	3.53E-07	2.63E-04	0.00E+00	1.97E-01	5.55E-10	1.97E-01	1.97E-01	2.63E-04	0.00E+00	0.00E+00	0.00E+00	5.36E-05

WH27592200C	1.17E-04	1.80E-02	4.57E-10	1.81E-02	2.05E-11	0.00E+00	1.19E-02	6.82E-09	5.41E-05	5.99E-04	0.00E+00	0.00E+00	3.22E-13	6.26E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.34E-04	2.52E-01	0.00E+00	2.80E-11	9.38E-10	1.48E-04	4.60E-07	3.39E-04	0.00E+00	2.52E-01	7.20E-10	2.52E-01	2.50E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.98E-05
WH27592203C	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH27592204C	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH27592205C	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH27592209C	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH27593200C	4.52E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.10E-04	2.35E-03	0.00E+00	0.00E+00	1.31E-12	2.69E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.49E-03	1.02E+00	0.00E+00	1.12E-10	3.65E-09	5.88E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH27593203C	4.52E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.10E-04	2.35E-03	0.00E+00	0.00E+00	1.31E-12	2.69E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.49E-03	1.02E+00	0.00E+00	1.12E-10	3.65E-09	5.88E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH27593204C	4.52E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.10E-04	2.35E-03	0.00E+00	0.00E+00	1.31E-12	2.69E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.49E-03	1.02E+00	0.00E+00	1.12E-10	3.65E-09	5.88E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH27593205C	4.52E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.10E-04	2.35E-03	0.00E+00	0.00E+00	1.31E-12	2.69E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.49E-03	1.02E+00	0.00E+00	1.12E-10	3.65E-09	5.88E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH27593206C	1.07E-04	1.69E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.11E-02	6.34E-09	5.02E-05	5.51E-04	0.00E+00	0.00E+00	2.97E-13	5.75E-12	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	5.94E-04	2.36E-01	0.00E+00	2.59E-11	8.71E-10	1.39E-04	4.23E-07	3.15E-04	0.00E+00	2.36E-01	6.66E-10	2.36E-01	2.36E-01	3.15E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-05
WH27595200C	1.17E-04	1.80E-02	4.57E-10	1.81E-02	2.05E-11	0.00E+00	1.19E-02	6.84E-09	5.41E-05	5.96E-04	0.00E+00	0.00E+00	3.21E-13	6.23E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.34E-04	2.52E-01	0.00E+00	2.80E-11	9.37E-10	1.49E-04	4.59E-07	3.39E-04	0.00E+00	2.52E-01	7.21E-10	2.52E-01	2.51E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-05
WH27595203C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH27595204C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH27595205C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH27595207C	3.49E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.50E-09	1.05E-05	1.66E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.82E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.11E-12	1.88E-10	3.04E-05	1.12E-07	8.87E-05	0.00E+00	5.46E-02	1.83E-10	5.46E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH27596203C	4.49E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	1.99E-04	2.25E-03	0.00E+00	0.00E+00	1.31E-12	2.70E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH27596204C	4.49E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	1.99E-04	2.25E-03	0.00E+00	0.00E+00	1.31E-12	2.70E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH27596205C	4.49E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	1.99E-04	2.25E-03	0.00E+00	0.00E+00	1.31E-12	2.70E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04
WH27596206C	1.07E-04	1.68E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.10E-02	6.32E-09	5.00E-05	5.49E-04	0.00E+00	0.00E+00	2.96E-13	5.73E-12	4.10E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-06	5.91E-04	2.35E-01	0.00E+00	2.58E-11	8.68E-10	1.38E-04	4.21E-07	3.14E-04	0.00E+00	2.35E-01	6.63E-10	2.35E-01	2.35E-01	3.14E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-05
WH27620300C	1.26E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.45E-09	5.90E-05	6.47E-04	0.00E+00	0.00E+00	3.49E-13	6.75E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.97E-04	2.77E-01	0.00E+00	3.04E-11	1.02E-09	1.63E-04	4.97E-07	3.70E-04	0.00E+00	2.77E-01	7.82E-10	2.77E-01	2.77E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-05
WH27620303C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27620304C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27620305C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27620306C	9.34E-05	1.47E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	9.66E-03	5.53E-09	4.38E-05	4.80E-04	0.00E+00	0.00E+00	2.59E-13	5.01E-12	3.59E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.17E-04	2.06E-01	0.00E+00	2.26E-11	7.59E-10	1.21E-04	3.69E-07	2.74E-04	0.00E+00	2.06E-01	5.80E-10	2.06E-01	2.06E-01	2.74E-04	0.00E+00	0.00E+00	0.00E+00	5.60E-05
WH27620307C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27620309C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27620700C	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.65E-04	5.03E-07	3.75E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
WH27620703C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27620704C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27620705C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27623300C	1.08E-04	1.69E-02	4.57E-10	1.68E-02	2.05E-11	0.00E+00	1.11E-02	6.35E-09	4.90E-05	5.38E-04	0.00E+00	0.00E+00	2.97E-13	5.74E-12	4.20E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	6.62E-04	2.38E-01	0.00E+00	2.63E-11	8.45E-10	1.35E-04	4.83E-07	3.67E-04	0.00E+00	2.38E-01	6.64E-10	2.38E-01	2.39E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	6.44E-05
WH27623303C	1.08E-04	1.69E-02	4.57E-10	1.68E-02	2.05E-11	0.00E+00	1.11E-02	6.34E-09	4.90E-05	5.36E-04	0.00E+00	0.00E+00	2.97E-13	5.75E-12	4.19E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-06	6.62E-04	2.38E-01	0.00E+00	2.63E-11	8.43E-10	1.35E-04	4.83E-07	3.67E-04	0.00E+00	2.38E-01	6.65E-10	2.38E-01	2.39E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-05
WH27623305C	1.08E-04	1.69E-02	4.57E-10	1.68E-02	2.05E-11	0.00E+00	1.11E-02	6.34E-09	4.90E-05	5.36E-04	0.00E+00	0.00E+00	2.97E-13	5.75E-12	4.19E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-06	6.62E-04	2.38E-01	0.00E+00	2.63E-11	8.43E-10	1.35E-04	4.83E-07	3.67E-04	0.00E+00	2.38E-01	6.65E-10	2.38E-01	2.39E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-05
WH27623306C	1.06E-04	1.67E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.09E-02	6.27E-09	4.96E-05	5.44E-04	0.00E+00	0.00E+00	2.94E-13	5.68E-12	4.07E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.86E-04	2.33E-01	0.00E+00	2.56E-11	8.60E-10	1.37E-04	4.18E-07	3.11E-04	0.00E+00	2.33E-01	6.58E-10	2.33E-01	2.33E-01	3.11E-04	0.00E+00	0.00E+00	0.00E+00	6.34E-05
WH27625300C	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.30E-02	7.47E-09	5.91E-05	6.49E-04	0.00E+00	0.00E+00	3.50E-13	6.77E-12	4.85E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.99E-04	2.78E-01	0.00E+00	3.05E-11	1.03E-09	1.64E-04	4.98E-07	3.71E-04	0.00E+00	2.78E-01	7.84E-10	2.78E-01	2.78E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05
WH27625303C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27625304C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27625305C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27625306C	1.04E-04	1.65E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.08E-02	6.18E-09	4.89E-05	5.37E-04	0.00E+00	0.00E+00	2.90E-13	5.60E-12	4.02E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.79E-04	2.30E-01	0.00E+00	2.53E-11	8.49E-10	1.35E-04	4.12E-07	3.07E-04	0.00E+00	2.30E-01	6.49E-10	2.30E-01	2.30E-01	3.07E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-05
WH27625307C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27625309C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.87E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27625700C	1.05E-04	1.66E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.08E-02	6.21E-09	4.92E-05	5.42E-04	0.00E+00	0.00E+00	2.90E-13	5.62E-12	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.85E-04	2.32E-01	0.00E+00	2.55E-11	8.54E-10	1.37E-04	4.15E-07	3.09E-04	0.00E+00	2.32E-01	6.52E-10	2.32E-01	2.31E-01	3.09E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-05
WH27625704C	1.05E-04	1.66E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.09E-02	6.23E-09	4.92E-05	5.42E-04	0.00E+00	0.00E+00	2.91E-13	5.64E-12	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.85E-04	2.32E-01	0.00E+00	2.55E-11	8.55E-10	1.37E-04	4.16E-07	3.10E-04	0.00E+00	2.32E-01	6.54E-10	2.32E-01	2.32E-01	3.10E-04	0.00E+00	0.00E+00	0.00E+00	6.32E-05
WH27625705C	1.05E-04	1.66E-02	4.57E-10	1.66E-02	2.05E-11	0.00E+00	1.09E-02	6.23E-09	4.92E-05	5.42E-04	0.00E+00	0.00E+00	2.91E-13	5.64E-12	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.85E-04	2.32E-01	0.00E+00	2.55E-11	8.55E-10	1.37E-04	4.16E-07	3.10E-04	0.00E+00	2.32E-01	6.54E-10	2.32E-01	2.32E-01	3.10E-04	0.00E+00	0.00E+00	0.00E+00	6.32E-05
WH27628306C	1.06E-04	1.66E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.09E-02	6.25E-09	4.95E-05	5.43E-04	0.00E+00	0.00E+00	2.93E-13	5.67E-12	4.06E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.85E-04	2.32E-01	0.00E+00	2.55E-11	8.58E-10	1.37E-04	4.17E-07	3.10E-04	0.00E+00	2.32E-01	6.56E-10	2.32E-01	2.33E-01	3.10E-04	0.00E+00	0.00E+00	0.00E+00	6.33E-05
WH27640300C	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.47E-02	8.39E-09	6.64E-05	7.29E-04	0.00E+00	0.00E+00	3.93E-13	7.61E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.85E-04	3.12E-01	0.00E+00	3.43E-11	1.15E-09	1.84E-04	5.59E-07	4.17E-04	0.00E+00	3.12E-01	8.81E-10	3.12E-01	3.13E-01	4.17E-04	0.00E+00	0.00E+00	0.00E+00	8.50E-05
WH27640303C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27640304C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27640305C	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.29E-09	6.56E-05	7.19E-04	0.00E+00	0.00E+00	3.88E-13	7.51E-12	5.38E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.75E-04	3.08E-01	0.00E+00	3.39E-11	1.14E-09	1.81E-04	5.52E-07	4.11E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.09E-01	4.11E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
WH27640306C	1.06E-04	1.67E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.10E-02	6.28E-09	4.97E-05	5.46E-04	0.00E+00	0.00E+00	2.94E-13	5.70E-12	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.88E-04	2.34E-01	0.00E+00	2.57E-11	8.63E-10	1.38E-04	4.19E-07	3.12E-04	0.00E+00	2.34E-01	6.60E-10	2.34E-01	2.34E-01	3.12E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-05
WH27640307C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27640309C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27640700C	1.43E-04	2.25E-02	0.00E+00	2.25E-02	0.00E+00	0.00E+00	1.48E-02	8.46E-09	6.69E-05	7.34E-04	0.00E+00	0.00E+00	3.96E-13	7.66E-12	5.49E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	7.91E-04	3.15E-01	0.00E+00	3.46E-11	1.16E-09	1.85E-04	5.64E-07	4.20E-04	0.00E+00	3.15E-01	8.88E-10	3.15E-01	3.15E-01	4.20E-04	0.00E+00	0.00E+00	0.00E+00	8.56E-05
WH27640703C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27640704C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27640705C	1.18E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.22E-02	7.01E-09	5.55E-05	6.09E-04	0.00E+00	0.00E+00	3.28E-13	6.36E-12	4.55E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.56E-04	2.61E-01	0.00E+00	2.87E-11	9.63E-10	1.54E-04	4.67E-07	3.48E-04	0.00E+00	2.61E-01	7.36E-10	2.61E-01	2.61E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.10E-05
WH27640707C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27640709C	3.44E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.86E-09	1.09E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	1.95E-12	9.71E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.49E-02	0.00E+00	6.52E-12	1.90E-10	3.13E-05	1.21E-07	8.77E-05	0.00E+00	5.49E-02	2.68E-10	5.49E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27643300C	1.19E-04	1.89E-02	4.57E-10	1.89E-02	2.05E-11	0.00E+00	1.25E-02	7.11E-09	5.60E-05	6.10E-04	0.00E+00	0.00E+00	3.34E-13	6.52E-12	4.58E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.63E-04	2.65E-01	0.00E+00	2.89E-11	9.77E-10	1.56E-04	4.68E-07	3.52E-04	0.00E+00	2.65E-01	7.47E-10	2.65E-01	2.65E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-05
WH27643304C	1.19E-04	1.89E-02	4.57E-10	1.90E-02	2.05E-11	0.00E+00	1.24E-02	7.10E-09	5.61E-05	6.07E-04	0.00E+00	0.00E+00	3.33E-13	6.46E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.63E-04	2.65E-01	0.00E+00	2.89E-11	9.75E-10	1.56E-04	4.68E-07	3.52E-04	0.00E+00	2.65E-01	7.47E-10	2.65E-01	2.65E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	7.19E-05
WH27643305C	1.19E-04	1.89E-02	4.57E-10	1.90E-02	2.05E-11	0.00E+00	1.24E-02	7.10E-09	5.61E-05	6.07E-04	0.00E+00	0.00E+00	3.33E-13	6.46E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.63E-04	2.65E-01	0.00E+00	2.89E-11	9.75E-10	1.56E-04	4.68E-07	3.52E-04	0.00E+00	2.65E-01	7.47E-10	2.65E-01	2.65E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	7.19E-05
WH27643306C	1.21E-04	1.90E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.25E-02	7.14E-09	5.65E-05	6.20E-04	0.00E+00	0.00E+00	3.35E-13	6.48E-12	4.64E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.69E-04	2.66E-01	0.00E+00	2.92E-11	9.81E-10	1.56E-04	4.76E-07	3.55E-04	0.00E+00	2.66E-01	7.50E-10	2.66E-01	2.66E-01	3.55E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-05
WH27645300C	1.17E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.21E-02	6.95E-09	5.50E-05	6.03E-04	0.00E+00	0.00E+00	3.25E-13	6.30E-12	4.51E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.50E-04	2.58E-01	0.00E+00	2.84E-11	9.54E-10	1.52E-04	4.63E-07	3.45E-04	0.00E+00	2.58E-01	7.29E-10	2.58E-01	2.59E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-05
WH27645303C	1.18E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	6.98E-09	5.56E-05	6.04E-04	0.00E+00	0.00E+00	3.27E-13	6.31E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.50E-04	2.59E-01	0.00E+00	2.84E-11	9.64E-10	1.53E-04	4.63E-07	3.45E-04	0.00E+00	2.59E-01	7.28E-10	2.59E-01	2.60E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05
WH27645304C	1.18E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	6.98E-09	5.56E-05	6.04E-04	0.00E+00	0.00E+00	3.27E-13	6.31E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.50E-04	2.59E-01	0.00E+00	2.84E-11	9.64E-10	1.53E-04	4.63E-07	3.45E-04	0.00E+00	2.59E-01	7.28E-10	2.59E-01	2.60E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05
WH27645305C	1.17E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.21E-02	6.95E-09	5.50E-05	6.03E-04	0.00E+00	0.00E+00	3.25E-13	6.30E-12	4.51E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.50E-04	2.58E-01	0.00E+00	2.84E-11	9.54E-10	1.52E-04	4.63E-07	3.45E-04	0.00E+00	2.58E-01	7.29E-10	2.58E-01	2.59E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-05
WH27645306C	1.18E-04	1.86E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.22E-02	6.98E-09	5.52E-05	6.06E-04	0.00E+00	0.00E+00	3.27E-13	6.33E-12	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.53E-04	2.60E-01	0.00E+00	2.85E-11	9.58E-10	1.53E-04	4.65E-07	3.46E-04	0.00E+00	2.60E-01	7.32E-10	2.60E-01	2.60E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	7.07E-05
WH27645307C	1.18E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	6.98E-09	5.56E-05	6.04E-04	0.00E+00	0.00E+00	3.27E-13	6.31E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.50E-04	2.59E-01	0.00E+00	2.84E-11	9.64E-10	1.53E-04	4.63E-07	3.45E-04	0.00E+00	2.59E-01	7.28E-10	2.59E-01	2.60E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05
WH27645309C	1.18E-04	1.86E-02	4.57E-10	1.86E-02	2.05E-11	0.00E+00	1.22E-02	6.98E-09	5.56E-05	6.04E-04	0.00E+00	0.00E+00	3.27E-13	6.31E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.50E-04	2.59E-01	0.00E+00	2.84E-11	9.64E-10	1.53E-04	4.63E-07	3.45E-04	0.00E+00	2.59E-01	7.28E-10	2.59E-01	2.60E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05
WH27645700C	1.19E-04	1.87E-02	4.57E-10	1.87E-02	2.05E-11	0.00E+00	1.23E-02	7.00E-09	5.60E-05	6.07E-04	0.00E+00	0.00E+00	3.29E-13	6.39E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.58E-04	2.61E-01	0.00E+00	2.88E-11	9.75E-10	1.54E-04	4.67E-07	3.48E-04	0.00E+00	2.61E-01	7.37E-10	2.61E-01	2.61E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.09E-05
WH27645705C	1.19E-04	1.87E-02	4.57E-10	1.87E-02	2.05E-11	0.00E+00	1.23E-02	7.01E-09	5.60E-05	6.07E-04	0.00E+00	0.00E+00	3.29E-13	6.39E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.58E-04	2.61E-01	0.00E+00	2.89E-11	9.75E-10	1.54E-04	4.67E-07	3.48E-04	0.00E+00	2.61E-01	7.37E-10	2.61E-01	2.61E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.09E-05
WH27648300C	1.19E-04	1.88E-02	4.57E-10	1.90E-02	2.05E-11	0.00E+00	1.24E-02	7.09E-09	5.61E-05	6.06E-04	0.00E+00	0.00E+00	3.33E-13	6.45E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.61E-04	2.64E-01	0.00E+00	2.89E-11	9.75E-10	1.56E-04	4.68E-07	3.49E-04	0.00E+00	2.64E-01	7.45E-10	2.64E-01	2.65E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-05
WH27648304C	1.19E-04	1.88E-02	4.57E-10	1.89E-02	2.05E-11	0.00E+00	1.24E-02	7.10E-09	5.61E-05	6.06E-04	0.00E+00	0.00E+00	3.33E-13	6.45E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.61E-04	2.64E-01	0.00E+00	2.89E-11	9.75E-10	1.56E-04	4.68E-07	3.49E-04	0.00E+00	2.64E-01	7.46E-10	2.64E-01	2.65E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-05
WH27648306C	1.21E-04	1.90E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.25E-02	7.14E-09	5.65E-05	6.20E-04	0.00E+00	0.00E+00	3.35E-13	6.48E-12	4.64E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.69E-04	2.66E-01	0.00E+00	2.92E-11	9.81E-10	1.56E-04	4.76E-07	3.55E-04	0.00E+00	2.66E-01	7.50E-10	2.66E-01	2.66E-01	3.55E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-05
WH27750100C	3.57E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.26E-03	1.73E-09	1.31E-05	1.76E-04	0.00E+00	0.00E+00	7.20E-14	1.98E-12	9.97E-06	0.00E+00	0.00E+00	0.00E+00	5.13E-07	2.33E-04	5.56E-02	0.00E+00	6.49E-12	2.31E-10	3.64E-05	1.19E-07	8.90E-05	0.00E+00	5.56E-02	1.86E-10	5.56E-02	5.75E-02	8.90E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27750105C	3.57E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.26E-03	1.73E-09	1.31E-05	1.76E-04	0.00E+00	0.00E+00	7.20E-14	1.98E-12	9.97E-06	0.00E+00	0.00E+00	0.00E+00	5.13E-07	2.33E-04	5.56E-02	0.00E+00	6.49E-12	2.31E-10	3.64E-05	1.19E-07	8.90E-05	0.00E+00	5.56E-02	1.86E-10	5.56E-02	5.75E-02	8.90E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27750205C	3.57E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.26E-03	1.73E-09	1.31E-05	1.76E-04	0.00E+00	0.00E+00	7.20E-14	1.98E-12	9.97E-06	0.00E+00	0.00E+00	0.00E+00	5.13E-07	2.33E-04	5.56E-02	0.00E+00	6.49E-12	2.31E-10	3.64E-05	1.19E-07	8.90E-05	0.00E+00	5.56E-02	1.86E-10	5.56E-02	5.75E-02	8.90E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH27915600C	1.51E-04	2.37E-02	0.00E+00	2.37E-02	0.00E+00	0.00E+00	1.56E-02	8.92E-09	7.06E-05	7.74E-04	0.00E+00	0.00E+00	4.18E-13	8.08E-12	5.79E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	8.34E-04	3.32E-01	0.00E+00	3.64E-11	1.22E-09	1.95E-04	5.94E-07	4.43E-04	0.00E+00	3.32E-01	9.36E-10	3.32E-01	3.32E-01	4.43E-04	0.00E+00	0.00E+00	0.00E+00	9.03E-05
WH27915605C	2.20E-04	3.57E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.39E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.28E-13	1.25E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.01E-01	0.00E+00	5.47E-11	1.85E-09	2.86E-04	9.06E-07	6.75E-04	0.00E+00	5.01E-01	1.43E-09	5.01E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH27915700C	2.16E-04	5.19E-02	4.57E-10	5.13E-02	2.05E-11	0.00E+00	3.44E-02	2.00E-08	1.20E-04	1.00E-03	0.00E+00	0.00E+00	9.78E-13	2.06E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.86E-06	1.83E-03	7.96E-01	0.00E+00	8.29E-11	2.18E-09	3.37E-04	1.30E-06	9.72E-04	0.00E+00	7.96E-01	2.26E-09	7.96E-01	7.77E-01	9.72E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-04
WH27915705C	2.23E-04	5.19E-02	4.57E-10	5.14E-02	2.05E-11	0.00E+00	3.44E-02	2.00E-08	1.22E-04	1.00E-03	0.00E+00	0.00E+00	9.77E-13	2.05E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.85E-06	1.83E-03	7.87E-01	0.00E+00	8.27E-11	2.21E-09	3.46E-04	1.30E-06	9.73E-04	0.00E+00	7.87E-01	2.26E-09	7.87E-01	7.73E-01	9.73E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-04
WH27915800C	2.21E-04	3.59E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.02E-04	1.10E-03	0.00E+00	0.00E+00	6.32E-13	1.27E-11	8.89E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.31E-03	5.08E-01	0.00E+00	5.51E-11	1.83E-09	2.86E-04	9.12E-07	6.83E-04	0.00E+00	5.08E-01	1.44E-09	5.08E-01	5.11E-01	6.83E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH27915805C	2.19E-04	3.64E-02	4.57E-10	3.61E-02	2.05E-11	0.00E+00	2.40E-02	1.44E-08	1.05E-04	1.11E-03	0.00E+00	0.00E+00	6.33E-13	1.30E-11	8.92E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	1.33E-03	5.09E-01	0.00E+00	5.51E-11	1.82E-09	2.91E-04	9.13E-07	6.85E-04	0.00E+00	5.09E-01	1.46E-09	5.09E-01	5.07E-01	6.85E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH27916200C	2.27E-04	5.28E-02	4.57E-10	5.23E-02	2.05E-11	0.00E+00	3.49E-02	2.01E-08	1.20E-04	1.05E-03	0.00E+00	0.00E+00	9.84E-13	2.05E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.86E-03	7.91E-01	0.00E+00	8.31E-11	2.19E-09	3.48E-04	1.31E-06	9.72E-04	0.00E+00	7.91E-01	2.27E-09	7.91E-01	7.66E-01	9.72E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-04
WH27916205C	2.27E-04	5.28E-02	4.57E-10	5.23E-02	2.05E-11	0.00E+00	3.49E-02	2.01E-08	1.20E-04	1.05E-03	0.00E+00	0.00E+00	9.84E-13	2.05E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.86E-03	7.91E-01	0.00E+00	8.31E-11	2.19E-09	3.48E-04	1.31E-06	9.72E-04	0.00E+00	7.91E-01	2.27E-09	7.91E-01	7.66E-01	9.72E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-04

WH27916300C	2.20E-04	3.57E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.39E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.28E-13	1.25E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.01E-01	0.00E+00	5.47E-11	1.85E-09	2.86E-04	9.06E-07	6.75E-04	0.00E+00	5.01E-01	1.43E-09	5.01E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH27916304C	2.20E-04	3.57E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.39E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.28E-13	1.25E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.01E-01	0.00E+00	5.47E-11	1.85E-09	2.86E-04	9.06E-07	6.75E-04	0.00E+00	5.01E-01	1.43E-09	5.01E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH27916305C	2.20E-04	3.57E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.39E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.28E-13	1.25E-11	8.79E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.01E-01	0.00E+00	5.47E-11	1.85E-09	2.86E-04	9.06E-07	6.75E-04	0.00E+00	5.01E-01	1.43E-09	5.01E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH27917000C	2.21E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.43E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	1.32E-03	5.04E-01	0.00E+00	5.49E-11	1.84E-09	2.86E-04	9.09E-07	6.81E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.09E-01	6.81E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH27917003C	2.19E-04	3.62E-02	4.57E-10	3.61E-02	2.05E-11	0.00E+00	2.40E-02	1.44E-08	1.06E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.30E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.35E-03	5.07E-01	0.00E+00	5.49E-11	1.84E-09	2.90E-04	9.10E-07	6.84E-04	0.00E+00	5.07E-01	1.46E-09	5.07E-01	5.06E-01	6.84E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH27917005C	2.19E-04	3.62E-02	4.57E-10	3.61E-02	2.05E-11	0.00E+00	2.40E-02	1.44E-08	1.06E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.30E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.35E-03	5.07E-01	0.00E+00	5.49E-11	1.84E-09	2.90E-04	9.10E-07	6.84E-04	0.00E+00	5.07E-01	1.46E-09	5.07E-01	5.06E-01	6.84E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH27917700C	4.56E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.11E-04	2.35E-03	0.00E+00	0.00E+00	1.33E-12	2.68E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.49E-03	1.02E+00	0.00E+00	1.12E-10	3.65E-09	5.88E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
WH27917705C	4.56E-04	7.27E-02	4.57E-10	7.28E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.11E-04	2.35E-03	0.00E+00	0.00E+00	1.33E-12	2.68E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.49E-03	1.02E+00	0.00E+00	1.12E-10	3.65E-09	5.88E-04	1.78E-06	1.32E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.02E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
WH27917800C	4.53E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.00E-04	2.25E-03	0.00E+00	0.00E+00	1.33E-12	2.69E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
WH27917804C	4.53E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.00E-04	2.25E-03	0.00E+00	0.00E+00	1.33E-12	2.69E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
WH27917805C	4.53E-04	7.22E-02	4.57E-10	7.23E-02	2.05E-11	0.00E+00	4.76E-02	2.70E-08	2.00E-04	2.25E-03	0.00E+00	0.00E+00	1.33E-12	2.69E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-06	2.50E-03	1.05E+00	0.00E+00	1.12E-10	3.45E-09	5.76E-04	1.78E-06	1.33E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.04E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
WH3358025F	3.33E-05	5.25E-03	0.00E+00	5.25E-03	0.00E+00	0.00E+00	3.44E-03	1.97E-09	1.56E-05	1.71E-04	0.00E+00	0.00E+00	9.20E-14	1.79E-12	1.28E-05	0.00E+00	0.00E+00	0.00E+00	4.65E-07	1.84E-04	7.33E-02	0.00E+00	8.06E-12	2.71E-10	4.32E-05	1.31E-07	9.78E-05	0.00E+00	7.33E-02	2.07E-10	7.33E-02	7.34E-02	9.78E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05
WH36580300A	1.08E-04	1.70E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.12E-02	6.39E-09	5.06E-05	5.55E-04	0.00E+00	0.00E+00	2.99E-13	5.79E-12	4.15E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-06	5.98E-04	2.38E-01	0.00E+00	2.61E-11	8.77E-10	1.40E-04	4.26E-07	3.17E-04	0.00E+00	2.38E-01	6.71E-10	2.38E-01	2.38E-01	3.17E-04	0.00E+00	0.00E+00	0.00E+00	6.47E-05
WH36580300C	1.34E-04	2.11E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	1.39E-02	7.94E-09	6.29E-05	6.90E-04	0.00E+00	0.00E+00	3.72E-13	7.20E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.43E-04	2.95E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.29E-07	3.94E-04	0.00E+00	2.95E-01	8.34E-10	2.95E-01	2.96E-01	3.94E-04	0.00E+00	0.00E+00	0.00E+00	8.04E-05
WH36580300Q	2.14E-04	3.38E-02	0.00E+00	3.38E-02	0.00E+00	0.00E+00	2.22E-02	1.27E-08	1.00E-04	1.10E-03	0.00E+00	0.00E+00	5.95E-13	1.15E-11	8.24E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	1.19E-03	4.72E-01	0.00E+00	5.19E-11	1.74E-09	2.78E-04	8.46E-07	6.30E-04	0.00E+00	4.72E-01	1.33E-09	4.72E-01	4.73E-01	6.30E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
WH36580303A	1.05E-04	1.65E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.08E-02	6.20E-09	4.91E-05	5.39E-04	0.00E+00	0.00E+00	2.91E-13	5.62E-12	4.03E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.81E-04	2.31E-01	0.00E+00	2.54E-11	8.52E-10	1.36E-04	4.14E-07	3.08E-04	0.00E+00	2.31E-01	6.51E-10	2.31E-01	2.31E-01	3.08E-04	0.00E+00	0.00E+00	0.00E+00	6.28E-05
WH36580303C	1.15E-04	1.81E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.19E-02	6.81E-09	5.39E-05	5.92E-04	0.00E+00	0.00E+00	3.19E-13	6.18E-12	4.42E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.38E-04	2.53E-01	0.00E+00	2.78E-11	9.35E-10	1.49E-04	4.54E-07	3.38E-04	0.00E+00	2.53E-01	7.15E-10	2.53E-01	2.54E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-05
WH36580303Q	2.03E-04	3.21E-02	0.00E+00	3.21E-02	0.00E+00	0.00E+00	2.10E-02	1.21E-08	9.54E-05	1.05E-03	0.00E+00	0.00E+00	5.65E-13	1.09E-11	7.83E-05	0.00E+00	0.00E+00	0.00E+00	2.84E-06	1.13E-03	4.48E-01	0.00E+00	4.93E-11	1.65E-09	2.64E-04	8.03E-07	5.98E-04	0.00E+00	4.48E-01	1.26E-09	4.48E-01	4.49E-01	5.98E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
WH36580305A	1.04E-04	1.65E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.08E-02	6.18E-09	4.89E-05	5.37E-04	0.00E+00	0.00E+00	2.90E-13	5.61E-12	4.02E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.79E-04	2.30E-01	0.00E+00	2.53E-11	8.49E-10	1.35E-04	4.12E-07	3.07E-04	0.00E+00	2.30E-01	6.49E-10	2.30E-01	2.30E-01	3.07E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-05
WH36580305C	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.34E-02	7.70E-09	6.09E-05	6.68E-04	0.00E+00	0.00E+00	3.61E-13	6.98E-12	5.00E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.21E-04	2.86E-01	0.00E+00	3.15E-11	1.06E-09	1.69E-04	5.13E-07	3.82E-04	0.00E+00	2.86E-01	8.08E-10	2.86E-01	2.87E-01	3.82E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-05
WH36580305Q	3.32E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.91E-09	9.45E-06	1.54E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.54E-02	0.00E+00	8.12E-12	1.79E-10	2.87E-05	1.16E-07	8.99E-05	0.00E+00	5.54E-02	2.41E-10	5.54E-02	5.62E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-05
WH36580349A	3.32E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.91E-09	9.45E-06	1.54E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.54E-02	0.00E+00	8.12E-12	1.79E-10	2.87E-05	1.16E-07	8.99E-05	0.00E+00	5.54E-02	2.41E-10	5.54E-02	5.62E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-05
WH36580349C	1.31E-04	2.07E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.36E-02	7.79E-09	6.16E-05	6.76E-04	0.00E+00	0.00E+00	3.65E-13	7.06E-12	5.06E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.29E-04	2.90E-01	0.00E+00	3.18E-11	1.07E-09	1.70E-04	5.19E-07	3.86E-04	0.00E+00	2.90E-01	8.17E-10	2.90E-01	2.90E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	7.88E-05
WH36580349Q	3.32E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.91E-09	9.45E-06	1.54E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.54E-02	0.00E+00	8.12E-12	1.79E-10	2.87E-05	1.16E-07	8.99E-05	0.00E+00	5.54E-02	2.41E-10	5.54E-02	5.62E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-05
WH36582300A	3.45E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.83E-06	1.48E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.63E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.47E-02	0.00E+00	6.33E-12	1.90E-10	2.89E-05	1.17E-07	8.60E-05	0.00E+00	5.47E-02	2.40E-10	5.47E-02	5.60E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36582300C	3.45E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.83E-06	1.48E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.63E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.47E-02	0.00E+00	6.33E-12	1.90E-10	2.89E-05	1.17E-07	8.60E-05	0.00E+00	5.47E-02	2.40E-10	5.47E-02	5.60E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36582300Q	3.43E-05	4.90E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.74E-06	1.48E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.15E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.52E-04	5.47E-02	0.00E+00	6.35E-12	1.88E-10	2.89E-05	1.17E-07	8.77E-05	0.00E+00	5.47E-02	2.42E-10	5.47E-02	5.60E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36582303A	3.41E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.71E-06	1.48E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.83E-10	2.85E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36582303C	3.41E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.71E-06	1.48E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.83E-10	2.85E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36582303Q	3.40E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.62E-06	1.47E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.52E-04	5.45E-02	0.00E+00	6.32E-12	1.81E-10	2.86E-05	1.16E-07	8.77E-05	0.00E+00	5.45E-02	2.42E-10	5.45E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36582305A	3.41E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.71E-06	1.48E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.83E-10	2.85E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36582305C	3.41E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.71E-06	1.48E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.83E-10	2.85E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36582305Q	3.40E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.62E-06	1.47E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.52E-04	5.45E-02	0.00E+00	6.32E-12	1.81E-10	2.86E-05	1.16E-07	8.77E-05	0.00E+00	5.45E-02	2.42E-10	5.45E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36582349C	2.26E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.39E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	8.82E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	1.28E-03	5.04E-01	0.00E+00	5.48E-11	1.85E-09	2.87E-04	9.09E-07	6.75E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
WH36583300A	1.45E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.50E-02	8.57E-09	6.78E-05	7.44E-04	0.00E+00	0.00E+00	4.01E-13	7.76E-12	5.56E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.02E-04	3.19E-01	0.00E+00	3.50E-11	1.18E-09	1.88E-04	5.71E-07	4.25E-04	0.00E+00	3.19E-01	8.99E-10	3.19E-01	3.19E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	8.67E-05
WH36583300C	1.78E-04	2.81E-02	0.00E+00	2.81E-02	0.00E+00	0.00E+00	1.84E-02	1.06E-08	8.35E-05	9.16E-04	0.00E+00	0.00E+00	4.95E-13	9.57E-12	6.85E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	9.88E-04	3.93E-01	0.00E+00	4.31E-11	1.45E-09	2.31E-04	7.04E-07	5.24E-04	0.00E+00	3.93E-01	1.11E-09	3.93E-01	3.93E-01	5.24E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04
WH36583300Q	2.36E-04	4.66E-02	4.57E-10	4.64E-02	2.05E-11	0.00E+00	2.83E-02	1.65E-08	1.17E-04	1.20E-03	0.00E+00	0.00E+00	7.41E-13	1.50E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.75E-06	1.55E-03	6.28E-01	0.00E+00	6.45E-11	2.19E-09	3.51E-04	1.05E-06	8.10E-04	0.00E+00	6.28E-01	1.77E-09	6.28E-01	6.29E-01	8.10E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04
WH36583303A	1.37E-04	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.45E-02	8.45E-09	6.40E-05	6.97E-04	0.00E+00	0.00E+00	3.89E-13	7.47E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.53E-04	3.12E-01	0.00E+00	3.50E-11	1.11E-09	1.77E-04	5.48E-07	4.02E-04	0.00E+00	3.12E-01	8.58E-10	3.12E-01	3.10E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
WH36583303C	1.37E-04	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.45E-02	8.44E-09	6.40E-05	6.97E-04	0.00E+00	0.00E+00	3.89E-13	7.47E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.53E-04	3.12E-01	0.00E+00	3.51E-11	1.11E-09	1.77E-04	5.48E-07	4.02E-04	0.00E+00	3.12E-01	8.57E-10	3.12E-01	3.10E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
WH36583303Q	2.26E-04	3.60E-02	4.57E-10	3.59E-02	2.05E-11	0.00E+00	2.46E-02	1.40E-08	1.07E-04	1.18E-03	0.00E+00	0.00E+00	6.31E-13	1.23E-11	8.96E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	1.26E-03	5.08E-01	0.00E+00	5.53E-11	1.87E-09	2.92E-04	9.20E-07	6.75E-04	0.00E+00	5.08E-01	1.42E-09	5.08E-01	5.05E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36583305A	1.37E-04	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.45E-02	8.45E-09	6.40E-05	6.97E-04	0.00E+00	0.00E+00	3.89E-13	7.47E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.53E-04	3.12E-01	0.00E+00	3.50E-11	1.11E-09	1.77E-04	5.48E-07	4.02E-04	0.00E+00	3.12E-01	8.58E-10	3.12E-01	3.10E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
WH36583305C	1.74E-04	2.75E-02	0.00E+00	2.75E-02	0.00E+00	0.00E+00	1.80E-02	1.03E-08	8.18E-05	8.97E-04	0.00E+00	0.00E+00	4.84E-13	9.37E-12	6.71E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	9.67E-04	3.84E-01	0.00E+00	4.22E-11	1.42E-09	2.26E-04	6.89E-07	5.13E-04	0.00E+00	3.84E-01	1.08E-09	3.84E-01	3.85E-01	5.13E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04
WH36583305Q	2.40E-04	4.74E-02	4.57E-10	4.71E-02	2.05E-11	0.00E+00	2.85E-02	1.65E-08	1.18E-04	1.24E-03	0.00E+00	0.00E+00	7.39E-13	1.49E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.75E-06	1.55E-03	6.29E-01	0.00E+00	6.43E-11	2.19E-09	3.51E-04	1.05E-06	8.11E-04	0.00E+00	6.29E-01	1.78E-09	6.29E-01	6.30E-01	8.11E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04
WH36583349A	1.37E-04	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.45E-02	8.45E-09	6.40E-05	6.97E-04	0.00E+00	0.00E+00	3.89E-13	7.47E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.53E-04	3.12E-01	0.00E+00	3.50E-11	1.11E-09	1.77E-04	5.48E-07	4.02E-04	0.00E+00	3.12E-01	8.58E-10	3.12E-01	3.10E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
WH36583349C	1.37E-04	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.45E-02	8.44E-09	6.40E-05	6.97E-04	0.00E+00	0.00E+00	3.89E-13	7.47E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.53E-04	3.12E-01	0.00E+00	3.51E-11	1.11E-09	1.77E-04	5.48E-07	4.02E-04	0.00E+00	3.12E-01	8.57E-10	3.12E-01	3.10E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
WH36583349Q	2.26E-04	3.60E-02	4.57E-10	3.59E-02	2.05E-11	0.00E+00	2.46E-02	1.40E-08	1.07E-04	1.18E-03	0.00E+00	0.00E+00	6.31E-13	1.23E-11	8.96E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	1.26E-03	5.08E-01	0.00E+00	5.53E-11	1.87E-09	2.92E-04	9.20E-07	6.75E-04	0.00E+00	5.08E-01	1.42E-09	5.08E-01	5.05E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36583400A	1.42E-04	2.23E-02	4.57E-10	2.23E-02	2.05E-11	0.00E+00	1.52E-02	8.57E-09	6.65E-05	7.34E-04	0.00E+00	0.00E+00	4.04E-13	7.70E-12	5.71E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	7.98E-04	3.38E-01	0.00E+00	3.62E-11	1.15E-09	1.85E-04	5.80E-07	4.32E-04	0.00E+00	3.38E-01	8.92E-10	3.38E-01	3.35E-01	4.32E-04	0.00E+00	0.00E+00	0.00E+00	8.95E-05
WH36583400C	1.42E-04	2.23E-02	4.57E-10	2.23E-02	2.05E-11	0.00E+00	1.52E-02	8.56E-09	6.65E-05	7.33E-04	0.00E+00	0.00E+00	4.04E-13	7.72E-12	5.71E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	7.99E-04	3.39E-01	0.00E+00	3.62E-11	1.15E-09	1.84E-04	5.81E-07	4.33E-04	0.00E+00	3.39E-01	8.92E-10	3.39E-01	3.35E-01	4.33E-04	0.00E+00	0.00E+00	0.00E+00	8.93E-05
WH36583403A	1.42E-04	2.23E-02	4.57E-10	2.23E-02	2.05E-11	0.00E+00	1.52E-02	8.58E-09	6.65E-05	7.34E-04	0.00E+00	0.00E+00	4.05E-13	7.69E-12	5.72E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	7.98E-04	3.37E-01	0.00E+00	3.63E-11	1.15E-09	1.84E-04	5.80E-07	4.30E-04	0.00E+00	3.37E-01	8.93E-10	3.37E-01	3.34E-01	4.30E-04	0.00E+00	0.00E+00	0.00E+00	8.95E-05
WH36583403C	1.42E-04	2.23E-02	4.57E-10	2.23E-02	2.05E-11	0.00E+00	1.52E-02	8.57E-09	6.65E-05	7.33E-04	0.00E+00	0.00E+00	4.05E-13	7.71E-12	5.72E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	7.99E-04	3.38E-01	0.00E+00	3.63E-11	1.15E-09	1.84E-04	5.81E-07	4.30E-04	0.00E+00	3.38E-01	8.93E-10	3.38E-01	3.34E-01	4.30E-04	0.00E+00	0.00E+00	0.00E+00	8.93E-05
WH36583405A	1.42E-04	2.23E-02	4.57E-10	2.23E-02	2.05E-11	0.00E+00	1.52E-02	8.58E-09	6.65E-05	7.34E-04	0.00E+00	0.00E+00	4.05E-13	7.69E-12	5.72E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	7.98E-04	3.37E-01	0.00E+00	3.63E-11	1.15E-09	1.84E-04	5.80E-07	4.30E-04	0.00E+00	3.37E-01	8.93E-10	3.37E-01	3.34E-01	4.30E-04	0.00E+00	0.00E+00	0.00E+00	8.95E-05
WH36583405C	1.42E-04	2.23E-02	4.57E-10	2.23E-02	2.05E-11	0.00E+00	1.52E-02	8.57E-09	6.65E-05	7.33E-04	0.00E+00	0.00E+00	4.05E-13	7.71E-12	5.72E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	7.99E-04	3.38E-01	0.00E+00	3.63E-11	1.15E-09	1.84E-04	5.81E-07	4.30E-04	0.00E+00	3.38E-01	8.93E-10	3.38E-01	3.34E-01	4.30E-04	0.00E+00	0.00E+00	0.00E+00	8.93E-05
WH36583405Q	2.26E-04	3.59E-02	4.57E-10	3.59E-02	2.05E-11	0.00E+00	2.46E-02	1.40E-08	1.07E-04	1.18E-03	0.00E+00	0.00E+00	6.31E-13	1.23E-11	8.95E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	1.26E-03	5.07E-01	0.00E+00	5.53E-11	1.87E-09	2.92E-04	9.20E-07	6.75E-04	0.00E+00	5.07E-01	1.42E-09	5.07E-01	5.05E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36585300A	2.26E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.48E-02	1.44E-08	1.03E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.26E-11	9.04E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.06E-01	0.00E+00	5.54E-11	1.84E-09	2.85E-04	9.20E-07	6.81E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.06E-01	6.81E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36585300C	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.88E-09	5.44E-05	5.97E-04	0.00E+00	0.00E+00	3.22E-13	6.24E-12	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.44E-04	2.56E-01	0.00E+00	2.81E-11	9.45E-10	1.51E-04	4.59E-07	3.41E-04	0.00E+00	2.56E-01	7.22E-10	2.56E-01	2.56E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-05
WH36585300Q	2.48E-04	5.13E-02	4.57E-10	5.12E-02	2.05E-11	0.00E+00	3.50E-02	2.00E-08	1.26E-04	1.11E-03	0.00E+00	0.00E+00	9.58E-13	1.99E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-06	1.85E-03	7.66E-01	0.00E+00	8.28E-11	2.32E-09	3.63E-04	1.31E-06	9.76E-04	0.00E+00	7.66E-01	2.27E-09	7.66E-01	7.65E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04
WH36585303A	2.26E-04	3.58E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.48E-02	1.44E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.32E-13	1.27E-11	9.01E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.28E-03	5.05E-01	0.00E+00	5.52E-11	1.85E-09	2.87E-04	9.19E-07	6.78E-04	0.00E+00	5.05E-01	1.45E-09	5.05E-01	5.02E-01	6.78E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36585303C	2.26E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.48E-02	1.44E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.98E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.05E-01	0.00E+00	5.50E-11	1.85E-09	2.86E-04	9.13E-07	6.79E-04	0.00E+00	5.05E-01	1.44E-09	5.05E-01	5.02E-01	6.79E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH36585303Q	2.56E-04	5.22E-02	4.57E-10	5.21E-02	2.05E-11	0.00E+00	3.54E-02	2.01E-08	1.29E-04	1.18E-03	0.00E+00	0.00E+00	9.63E-13	2.00E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.87E-06	1.86E-03	7.61E-01	0.00E+00	8.31E-11	2.37E-09	3.80E-04	1.31E-06	9.78E-04	0.00E+00	7.61E-01	2.28E-09	7.61E-01	7.56E-01	9.78E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04
WH36585305A	2.26E-04	3.58E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.48E-02	1.44E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.32E-13	1.27E-11	9.01E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.28E-03	5.05E-01	0.00E+00	5.52E-11	1.85E-09	2.87E-04	9.19E-07	6.78E-04	0.00E+00	5.05E-01	1.45E-09	5.05E-01	5.02E-01	6.78E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36585305C	2.26E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.48E-02	1.44E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.98E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.05E-01	0.00E+00	5.50E-11	1.85E-09	2.86E-04	9.13E-07	6.79E-04	0.00E+00	5.05E-01	1.44E-09	5.05E-01	5.02E-01	6.79E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH36585305Q	2.56E-04	5.22E-02	4.57E-10	5.21E-02	2.05E-11	0.00E+00	3.54E-02	2.01E-08	1.30E-04	1.18E-03	0.00E+00	0.00E+00	9.63E-13	2.00E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.87E-06	1.86E-03	7.61E-01	0.00E+00	8.31E-11	2.37E-09	3.80E-04	1.31E-06	9.78E-04	0.00E+00	7.61E-01	2.28E-09	7.61E-01	7.56E-01	9.78E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04
WH36585349A	2.26E-04	3.58E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.48E-02	1.44E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.32E-13	1.27E-11	9.01E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.28E-03	5.05E-01	0.00E+00	5.52E-11	1.85E-09	2.87E-04	9.19E-07	6.78E-04	0.00E+00	5.05E-01	1.45E-09	5.05E-01	5.02E-01	6.78E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36585349C	2.26E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.48E-02	1.44E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.98E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.05E-01	0.00E+00	5.50E-11	1.85E-09	2.86E-04	9.13E-07	6.79E-04	0.00E+00	5.05E-01	1.44E-09	5.05E-01	5.02E-01	6.79E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH36585600A	3.44E-05	5.09E-03	4.57E-10	5.10E-03	2.05E-11	0.00E+00	3.28E-03	1.48E-09	1.09E-05	1.74E-04	0.00E+00	0.00E+00	7.60E-14	2.54E-12	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.48E-02	0.00E+00	6.14E-12	1.97E-10	3.84E-05	1.11E-07	8.92E-05	0.00E+00	5.48E-02	1.84E-10	5.48E-02	5.74E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH36585600C	1.75E-04	2.76E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.81E-02	1.04E-08	8.20E-05	9.00E-04	0.00E+00	0.00E+00	4.86E-13	9.39E-12	6.73E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	9.70E-04	3.85E-01	0.00E+00	4.24E-11	1.42E-09	2.27E-04	6.91E-07	5.14E-04	0.00E+00	3.85E-01	1.09E-09	3.85E-01	3.86E-01	5.14E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04
WH36585600Q	2.57E-04	4.05E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.66E-02	1.52E-08	1.21E-04	1.32E-03	0.00E+00	0.00E+00	7.13E-13	1.38E-11	9.89E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.42E-03	5.66E-01	0.00E+00	6.22E-11	2.09E-09	3.33E-04	1.01E-06	7.56E-04	0.00E+00	5.66E-01	1.60E-09	5.66E-01	5.67E-01	7.56E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04
WH36585603A	3.41E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.02E-05	1.68E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.76E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36585603C	3.41E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.02E-05	1.68E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.59E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36585603Q	3.41E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.05E-05	1.68E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.76E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36585605A	3.41E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.02E-05	1.68E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.76E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36585605C	3.41E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.02E-05	1.68E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.59E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36585605Q	3.41E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.05E-05	1.68E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.76E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36585649A	3.41E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.02E-05	1.68E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.76E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36585649C	3.41E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.02E-05	1.68E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.59E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36585649Q	3.41E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.05E-05	1.68E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.76E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36586300A	1.37E-04	2.15E-02	4.57E-10	2.15E-02	2.05E-11	0.00E+00	1.46E-02	8.45E-09	6.46E-05	7.00E-04	0.00E+00	0.00E+00	3.92E-13	7.50E-12	5.49E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.53E-04	3.11E-01	0.00E+00	3.51E-11	1.11E-09	1.76E-04	5.48E-07	4.05E-04	0.00E+00	3.11E-01	8.55E-10	3.11E-01	3.10E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.56E-05
WH36586300C	1.37E-04	2.15E-02	4.57E-10	2.15E-02	2.05E-11	0.00E+00	1.46E-02	8.44E-09	6.46E-05	7.00E-04	0.00E+00	0.00E+00	3.92E-13	7.50E-12	5.49E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.53E-04	3.11E-01	0.00E+00	3.51E-11	1.11E-09	1.77E-04	5.48E-07	4.05E-04	0.00E+00	3.11E-01	8.54E-10	3.11E-01	3.10E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.56E-05
WH36586300Q	2.41E-04	3.82E-02	4.57E-10	3.80E-02	2.05E-11	0.00E+00	2.57E-02	1.46E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.67E-13	1.29E-11	9.34E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-06	1.32E-03	5.56E-01	0.00E+00	5.85E-11	1.92E-09	3.06E-04	9.44E-07	7.10E-04	0.00E+00	5.56E-01	1.50E-09	5.56E-01	5.59E-01	7.10E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
WH36586303A	1.37E-04	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.45E-02	8.45E-09	6.40E-05	6.97E-04	0.00E+00	0.00E+00	3.89E-13	7.47E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.53E-04	3.12E-01	0.00E+00	3.50E-11	1.11E-09	1.77E-04	5.48E-07	4.02E-04	0.00E+00	3.12E-01	8.58E-10	3.12E-01	3.10E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
WH36586303C	1.37E-04	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.45E-02	8.44E-09	6.40E-05	6.97E-04	0.00E+00	0.00E+00	3.89E-13	7.47E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.53E-04	3.12E-01	0.00E+00	3.51E-11	1.11E-09	1.77E-04	5.48E-07	4.02E-04	0.00E+00	3.12E-01	8.57E-10	3.12E-01	3.10E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
WH36586303Q	2.26E-04	3.60E-02	4.57E-10	3.59E-02	2.05E-11	0.00E+00	2.46E-02	1.40E-08	1.07E-04	1.18E-03	0.00E+00	0.00E+00	6.31E-13	1.23E-11	8.96E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	1.26E-03	5.08E-01	0.00E+00	5.53E-11	1.87E-09	2.92E-04	9.20E-07	6.75E-04	0.00E+00	5.08E-01	1.42E-09	5.08E-01	5.05E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36586305A	1.37E-04	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.45E-02	8.45E-09	6.40E-05	6.97E-04	0.00E+00	0.00E+00	3.89E-13	7.47E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.53E-04	3.12E-01	0.00E+00	3.50E-11	1.11E-09	1.77E-04	5.48E-07	4.02E-04	0.00E+00	3.12E-01	8.58E-10	3.12E-01	3.10E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
WH36586305C	1.37E-04	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.45E-02	8.44E-09	6.40E-05	6.97E-04	0.00E+00	0.00E+00	3.89E-13	7.47E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.53E-04	3.12E-01	0.00E+00	3.51E-11	1.11E-09	1.77E-04	5.48E-07	4.02E-04	0.00E+00	3.12E-01	8.57E-10	3.12E-01	3.10E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
WH36586305Q	2.41E-04	3.82E-02	4.57E-10	3.81E-02	2.05E-11	0.00E+00	2.58E-02	1.46E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.68E-13	1.30E-11	9.30E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	1.33E-03	5.55E-01	0.00E+00	5.86E-11	1.93E-09	3.11E-04	9.44E-07	7.08E-04	0.00E+00	5.55E-01	1.50E-09	5.55E-01	5.57E-01	7.08E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04

WH36586349A	1.37E-04	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.45E-02	8.45E-09	6.40E-05	6.97E-04	0.00E+00	0.00E+00	3.89E-13	7.47E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.53E-04	3.12E-01	0.00E+00	3.50E-11	1.11E-09	1.77E-04	5.48E-07	4.02E-04	0.00E+00	3.12E-01	8.58E-10	3.12E-01	3.10E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
WH36586349C	1.37E-04	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.45E-02	8.44E-09	6.40E-05	6.97E-04	0.00E+00	0.00E+00	3.89E-13	7.47E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.53E-04	3.12E-01	0.00E+00	3.51E-11	1.11E-09	1.77E-04	5.48E-07	4.02E-04	0.00E+00	3.12E-01	8.57E-10	3.12E-01	3.10E-01	4.02E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05
WH36586349Q	2.26E-04	3.60E-02	4.57E-10	3.59E-02	2.05E-11	0.00E+00	2.46E-02	1.40E-08	1.07E-04	1.18E-03	0.00E+00	0.00E+00	6.31E-13	1.23E-11	8.96E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	1.26E-03	5.08E-01	0.00E+00	5.53E-11	1.87E-09	2.92E-04	9.20E-07	6.75E-04	0.00E+00	5.08E-01	1.42E-09	5.08E-01	5.05E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36586400A	1.42E-04	2.24E-02	4.57E-10	2.24E-02	2.05E-11	0.00E+00	1.53E-02	8.58E-09	6.66E-05	7.37E-04	0.00E+00	0.00E+00	4.08E-13	7.70E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.01E-04	3.38E-01	0.00E+00	3.63E-11	1.15E-09	1.85E-04	5.80E-07	4.33E-04	0.00E+00	3.38E-01	8.92E-10	3.38E-01	3.35E-01	4.33E-04	0.00E+00	0.00E+00	0.00E+00	8.95E-05
WH36586405A	1.42E-04	2.23E-02	4.57E-10	2.23E-02	2.05E-11	0.00E+00	1.51E-02	8.53E-09	6.65E-05	7.34E-04	0.00E+00	0.00E+00	4.04E-13	7.68E-12	5.65E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	7.98E-04	3.35E-01	0.00E+00	3.62E-11	1.15E-09	1.84E-04	5.78E-07	4.26E-04	0.00E+00	3.35E-01	8.94E-10	3.35E-01	3.34E-01	4.26E-04	0.00E+00	0.00E+00	0.00E+00	8.92E-05
WH36586405C	1.42E-04	2.23E-02	4.57E-10	2.23E-02	2.05E-11	0.00E+00	1.52E-02	8.57E-09	6.65E-05	7.33E-04	0.00E+00	0.00E+00	4.05E-13	7.71E-12	5.72E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	7.99E-04	3.38E-01	0.00E+00	3.63E-11	1.15E-09	1.84E-04	5.81E-07	4.30E-04	0.00E+00	3.38E-01	8.93E-10	3.38E-01	3.34E-01	4.30E-04	0.00E+00	0.00E+00	0.00E+00	8.93E-05
WH36586405Q	2.26E-04	3.59E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.46E-02	1.40E-08	1.07E-04	1.17E-03	0.00E+00	0.00E+00	6.31E-13	1.23E-11	8.93E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	1.26E-03	5.06E-01	0.00E+00	5.52E-11	1.87E-09	2.93E-04	9.18E-07	6.74E-04	0.00E+00	5.06E-01	1.41E-09	5.06E-01	5.04E-01	6.74E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36587600A	3.45E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	1.00E-05	1.54E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.63E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.47E-02	0.00E+00	6.33E-12	1.91E-10	2.89E-05	1.17E-07	8.60E-05	0.00E+00	5.47E-02	2.40E-10	5.47E-02	5.60E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36587600C	3.45E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	1.00E-05	1.54E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.63E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.47E-02	0.00E+00	6.33E-12	1.91E-10	2.89E-05	1.17E-07	8.60E-05	0.00E+00	5.47E-02	2.40E-10	5.47E-02	5.60E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36587600Q	3.43E-05	4.90E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.93E-06	1.53E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.15E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.52E-04	5.47E-02	0.00E+00	6.35E-12	1.89E-10	2.89E-05	1.17E-07	8.77E-05	0.00E+00	5.47E-02	2.42E-10	5.47E-02	5.60E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36587603A	3.41E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.71E-06	1.48E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.83E-10	2.85E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36587603C	3.41E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.71E-06	1.48E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.83E-10	2.85E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36587603Q	3.40E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.62E-06	1.47E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.52E-04	5.45E-02	0.00E+00	6.32E-12	1.81E-10	2.86E-05	1.16E-07	8.77E-05	0.00E+00	5.45E-02	2.42E-10	5.45E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36587605A	3.41E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.71E-06	1.48E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.83E-10	2.85E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36587605C	3.41E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.71E-06	1.48E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.83E-10	2.85E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36587605Q	3.40E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.78E-09	9.62E-06	1.47E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.52E-04	5.45E-02	0.00E+00	6.32E-12	1.81E-10	2.86E-05	1.16E-07	8.77E-05	0.00E+00	5.45E-02	2.42E-10	5.45E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36587649Q	2.52E-04	5.21E-02	4.57E-10	5.21E-02	2.05E-11	0.00E+00	3.39E-02	2.00E-08	1.29E-04	1.19E-03	0.00E+00	0.00E+00	9.26E-13	1.86E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.86E-03	7.72E-01	0.00E+00	7.94E-11	2.34E-09	3.63E-04	1.32E-06	9.72E-04	0.00E+00	7.72E-01	2.18E-09	7.72E-01	7.60E-01	9.72E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
WH36592200A	3.47E-05	5.09E-03	4.57E-10	5.10E-03	2.05E-11	0.00E+00	3.27E-03	1.48E-09	1.04E-05	1.69E-04	0.00E+00	0.00E+00	7.60E-14	2.54E-12	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.48E-02	0.00E+00	6.14E-12	1.96E-10	3.84E-05	1.11E-07	8.92E-05	0.00E+00	5.48E-02	1.84E-10	5.48E-02	5.74E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH36592200C	1.17E-04	1.80E-02	4.57E-10	1.81E-02	2.05E-11	0.00E+00	1.19E-02	6.82E-09	5.48E-05	5.95E-04	0.00E+00	0.00E+00	3.19E-13	6.21E-12	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.37E-04	2.54E-01	0.00E+00	2.80E-11	9.37E-10	1.50E-04	4.60E-07	3.44E-04	0.00E+00	2.54E-01	7.19E-10	2.54E-01	2.51E-01	3.44E-04	0.00E+00	0.00E+00	0.00E+00	6.92E-05
WH36592200Q	2.51E-04	4.41E-02	4.57E-10	4.40E-02	2.05E-11	0.00E+00	2.82E-02	1.59E-08	1.14E-04	1.32E-03	0.00E+00	0.00E+00	7.42E-13	1.44E-11	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.70E-06	1.51E-03	6.26E-01	0.00E+00	6.58E-11	2.00E-09	3.34E-04	1.05E-06	8.15E-04	0.00E+00	6.26E-01	1.70E-09	6.26E-01	6.23E-01	8.15E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
WH36592203A	3.43E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.02E-05	1.69E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.76E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36592203C	1.17E-04	1.82E-02	4.57E-10	1.83E-02	2.05E-11	0.00E+00	1.19E-02	6.84E-09	5.52E-05	5.97E-04	0.00E+00	0.00E+00	3.22E-13	6.23E-12	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.41E-04	2.54E-01	0.00E+00	2.80E-11	9.38E-10	1.50E-04	4.61E-07	3.45E-04	0.00E+00	2.54E-01	7.22E-10	2.54E-01	2.53E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
WH36592203Q	2.51E-04	4.46E-02	4.57E-10	4.44E-02	2.05E-11	0.00E+00	2.83E-02	1.59E-08	1.15E-04	1.33E-03	0.00E+00	0.00E+00	7.41E-13	1.44E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.68E-06	1.52E-03	6.26E-01	0.00E+00	6.57E-11	2.00E-09	3.37E-04	1.05E-06	8.16E-04	0.00E+00	6.26E-01	1.70E-09	6.26E-01	6.24E-01	8.16E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
WH36592205A	3.43E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.02E-05	1.69E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.76E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36592205C	3.43E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.02E-05	1.69E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.59E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36592205Q	3.43E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.05E-05	1.69E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.76E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36592249A	3.43E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.02E-05	1.69E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.76E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36592249C	3.43E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.02E-05	1.69E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.59E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36592249Q	3.43E-05	5.08E-03	4.57E-10	5.09E-03	2.05E-11	0.00E+00	3.27E-03	1.47E-09	1.05E-05	1.69E-04	0.00E+00	0.00E+00	8.00E-14	2.54E-12	1.45E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.53E-04	5.46E-02	0.00E+00	7.81E-12	1.88E-10	3.76E-05	1.10E-07	8.92E-05	0.00E+00	5.46E-02	1.82E-10	5.46E-02	5.70E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05
WH36593200A	1.14E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.76E-09	5.17E-05	5.48E-04	0.00E+00	0.00E+00	3.18E-13	6.54E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.49E-04	2.59E-01	0.00E+00	2.77E-11	9.06E-10	1.43E-04	4.49E-07	3.47E-04	0.00E+00	2.59E-01	7.08E-10	2.59E-01	2.59E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-05
WH36593200C	2.26E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.48E-02	1.44E-08	1.04E-04	1.11E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	9.01E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.05E-01	0.00E+00	5.52E-11	1.85E-09	2.86E-04	9.13E-07	6.82E-04	0.00E+00	5.05E-01	1.44E-09	5.05E-01	5.04E-01	6.82E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36593200Q	2.50E-04	5.13E-02	4.57E-10	5.12E-02	2.05E-11	0.00E+00	3.49E-02	2.00E-08	1.29E-04	1.16E-03	0.00E+00	0.00E+00	9.58E-13	1.99E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-06	1.85E-03	7.60E-01	0.00E+00	8.27E-11	2.38E-09	3.79E-04	1.30E-06	9.73E-04	0.00E+00	7.60E-01	2.27E-09	7.60E-01	7.55E-01	9.73E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04
WH36593203A	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.21E-02	6.79E-09	5.18E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.55E-04	2.60E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.51E-07	3.47E-04	0.00E+00	2.60E-01	7.15E-10	2.60E-01	2.60E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH36593203C	2.26E-04	3.58E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.48E-02	1.44E-08	1.04E-04	1.11E-03	0.00E+00	0.00E+00	6.30E-13	1.27E-11	8.99E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.05E-01	0.00E+00	5.50E-11	1.85E-09	2.86E-04	9.13E-07	6.79E-04	0.00E+00	5.05E-01	1.44E-09	5.05E-01	5.04E-01	6.79E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH36593203Q	2.53E-04	5.22E-02	4.57E-10	5.21E-02	2.05E-11	0.00E+00	3.54E-02	2.01E-08	1.30E-04	1.20E-03	0.00E+00	0.00E+00	9.63E-13	2.00E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.86E-06	1.86E-03	7.62E-01	0.00E+00	8.31E-11	2.40E-09	3.81E-04	1.31E-06	9.76E-04	0.00E+00	7.62E-01	2.28E-09	7.62E-01	7.58E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04
WH36593205A	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.21E-02	6.79E-09	5.18E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.55E-04	2.60E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.51E-07	3.47E-04	0.00E+00	2.60E-01	7.15E-10	2.60E-01	2.60E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH36593205C	2.26E-04	3.58E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.48E-02	1.44E-08	1.04E-04	1.11E-03	0.00E+00	0.00E+00	6.30E-13	1.27E-11	8.99E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.05E-01	0.00E+00	5.50E-11	1.85E-09	2.86E-04	9.13E-07	6.79E-04	0.00E+00	5.05E-01	1.44E-09	5.05E-01	5.04E-01	6.79E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH36593205Q	2.53E-04	5.22E-02	4.57E-10	5.21E-02	2.05E-11	0.00E+00	3.54E-02	2.01E-08	1.30E-04	1.20E-03	0.00E+00	0.00E+00	9.63E-13	2.00E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.86E-06	1.86E-03	7.62E-01	0.00E+00	8.30E-11	2.40E-09	3.80E-04	1.31E-06	9.75E-04	0.00E+00	7.62E-01	2.27E-09	7.62E-01	7.58E-01	9.75E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04
WH36593249A	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.21E-02	6.79E-09	5.18E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.55E-04	2.60E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.51E-07	3.47E-04	0.00E+00	2.60E-01	7.15E-10	2.60E-01	2.60E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH36593249Q	2.53E-04	5.22E-02	4.57E-10	5.21E-02	2.05E-11	0.00E+00	3.54E-02	2.01E-08	1.30E-04	1.20E-03	0.00E+00	0.00E+00	9.63E-13	2.00E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.86E-06	1.86E-03	7.62E-01	0.00E+00	8.31E-11	2.40E-09	3.81E-04	1.31E-06	9.76E-04	0.00E+00	7.62E-01	2.28E-09	7.62E-01	7.58E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04
WH36593300A	1.44E-04	2.30E-02	4.57E-10	2.31E-02	2.05E-11	0.00E+00	1.57E-02	8.98E-09	6.87E-05	7.76E-04	0.00E+00	0.00E+00	4.18E-13	7.89E-12	6.03E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	8.12E-04	3.43E-01	0.00E+00	3.71E-11	1.18E-09	1.89E-04	5.88E-07	4.40E-04	0.00E+00	3.43E-01	9.17E-10	3.43E-01	3.39E-01	4.40E-04	0.00E+00	0.00E+00	0.00E+00	9.30E-05
WH36593300C	1.44E-04	2.31E-02	4.57E-10	2.31E-02	2.05E-11	0.00E+00	1.58E-02	8.97E-09	6.88E-05	7.76E-04	0.00E+00	0.00E+00	4.20E-13	7.95E-12	6.03E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.16E-04	3.43E-01	0.00E+00	3.72E-11	1.18E-09	1.89E-04	5.90E-07	4.42E-04	0.00E+00	3.43E-01	9.17E-10	3.43E-01	3.40E-01	4.42E-04	0.00E+00	0.00E+00	0.00E+00	9.29E-05
WH36593300Q	2.41E-04	3.81E-02	4.57E-10	3.79E-02	2.05E-11	0.00E+00	2.57E-02	1.45E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.65E-13	1.30E-11	9.31E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.32E-03	5.56E-01	0.00E+00	5.87E-11	1.93E-09	3.08E-04	9.42E-07	7.09E-04	0.00E+00	5.56E-01	1.49E-09	5.56E-01	5.59E-01	7.09E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
WH36593303A	1.44E-04	2.30E-02	4.57E-10	2.31E-02	2.05E-11	0.00E+00	1.56E-02	8.89E-09	6.86E-05	7.76E-04	0.00E+00	0.00E+00	4.14E-13	7.84E-12	6.03E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.10E-04	3.41E-01	0.00E+00	3.72E-11	1.18E-09	1.88E-04	5.87E-07	4.37E-04	0.00E+00	3.41E-01	9.10E-10	3.41E-01	3.36E-01	4.37E-04	0.00E+00	0.00E+00	0.00E+00	9.30E-05
WH36593303C	1.44E-04	2.30E-02	4.57E-10	2.31E-02	2.05E-11	0.00E+00	1.57E-02	8.89E-09	6.86E-05	7.75E-04	0.00E+00	0.00E+00	4.17E-13	7.90E-12	6.03E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	8.14E-04	3.41E-01	0.00E+00	3.73E-11	1.18E-09	1.88E-04	5.89E-07	4.38E-04	0.00E+00	3.41E-01	9.12E-10	3.41E-01	3.37E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	9.28E-05
WH36593305A	1.44E-04	2.30E-02	4.57E-10	2.31E-02	2.05E-11	0.00E+00	1.56E-02	8.89E-09	6.86E-05	7.76E-04	0.00E+00	0.00E+00	4.14E-13	7.84E-12	6.03E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.10E-04	3.41E-01	0.00E+00	3.72E-11	1.18E-09	1.88E-04	5.87E-07	4.37E-04	0.00E+00	3.41E-01	9.10E-10	3.41E-01	3.36E-01	4.37E-04	0.00E+00	0.00E+00	0.00E+00	9.30E-05
WH36593305C	1.44E-04	2.30E-02	4.57E-10	2.31E-02	2.05E-11	0.00E+00	1.57E-02	8.89E-09	6.86E-05	7.75E-04	0.00E+00	0.00E+00	4.17E-13	7.90E-12	6.03E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	8.14E-04	3.41E-01	0.00E+00	3.73E-11	1.18E-09	1.88E-04	5.89E-07	4.38E-04	0.00E+00	3.41E-01	9.12E-10	3.41E-01	3.37E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	9.28E-05
WH36593305Q	2.41E-04	3.81E-02	4.57E-10	3.80E-02	2.05E-11	0.00E+00	2.58E-02	1.45E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.66E-13	1.30E-11	9.27E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-06	1.33E-03	5.56E-01	0.00E+00	5.88E-11	1.93E-09	3.10E-04	9.44E-07	7.07E-04	0.00E+00	5.56E-01	1.49E-09	5.56E-01	5.58E-01	7.07E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
WH36593349C	1.44E-04	2.30E-02	4.57E-10	2.31E-02	2.05E-11	0.00E+00	1.57E-02	8.89E-09	6.86E-05	7.75E-04	0.00E+00	0.00E+00	4.17E-13	7.90E-12	6.03E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	8.14E-04	3.41E-01	0.00E+00	3.73E-11	1.18E-09	1.88E-04	5.89E-07	4.38E-04	0.00E+00	3.41E-01	9.12E-10	3.41E-01	3.37E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	9.28E-05
WH36594200A	3.50E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.47E-09	1.02E-05	1.64E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.76E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.01E-12	1.94E-10	3.72E-05	1.10E-07	8.67E-05	0.00E+00	5.46E-02	1.78E-10	5.46E-02	5.73E-02	8.67E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36594200C	3.50E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.47E-09	1.02E-05	1.64E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.76E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.46E-02	0.00E+00	6.01E-12	1.94E-10	3.55E-05	1.10E-07	8.67E-05	0.00E+00	5.46E-02	1.78E-10	5.46E-02	5.73E-02	8.67E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36594200Q	3.49E-05	5.07E-03	4.57E-10	5.08E-03	2.05E-11	0.00E+00	3.26E-03	1.47E-09	1.01E-05	1.63E-04	0.00E+00	0.00E+00	7.00E-14	2.24E-12	1.16E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-07	2.52E-04	5.46E-02	0.00E+00	6.03E-12	1.93E-10	3.72E-05	1.10E-07	8.85E-05	0.00E+00	5.46E-02	1.81E-10	5.46E-02	5.74E-02	8.85E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36594203A	3.46E-05	5.06E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.47E-09	1.01E-05	1.63E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.67E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.44E-02	0.00E+00	5.98E-12	1.86E-10	3.69E-05	1.09E-07	8.67E-05	0.00E+00	5.44E-02	1.76E-10	5.44E-02	5.70E-02	8.67E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36594203C	3.46E-05	5.06E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.47E-09	1.01E-05	1.63E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.67E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.44E-02	0.00E+00	5.98E-12	1.86E-10	3.52E-05	1.09E-07	8.67E-05	0.00E+00	5.44E-02	1.76E-10	5.44E-02	5.70E-02	8.67E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36594203Q	3.44E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.47E-09	1.00E-05	1.63E-04	0.00E+00	0.00E+00	7.00E-14	2.24E-12	1.15E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-07	2.52E-04	5.44E-02	0.00E+00	6.00E-12	1.86E-10	3.70E-05	1.10E-07	8.85E-05	0.00E+00	5.44E-02	1.79E-10	5.44E-02	5.70E-02	8.85E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36594205A	3.46E-05	5.06E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.47E-09	1.01E-05	1.63E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.67E-06	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.44E-02	0.00E+00	5.98E-12	1.86E-10	3.69E-05	1.09E-07	8.67E-05	0.00E+00	5.44E-02	1.76E-10	5.44E-02	5.70E-02	8.67E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36594249Q	2.38E-04	5.28E-02	4.57E-10	5.24E-02	2.05E-11	0.00E+00	3.41E-02	2.01E-08	1.22E-04	1.09E-03	0.00E+00	0.00E+00	9.27E-13	1.88E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.79E-06	1.86E-03	7.93E-01	0.00E+00	8.10E-11	2.24E-09	3.56E-04	1.32E-06	9.74E-04	0.00E+00	7.93E-01	2.18E-09	7.93E-01	7.66E-01	9.74E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
WH36595200A	1.56E-04	2.46E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.62E-02	9.25E-09	7.32E-05	8.03E-04	0.00E+00	0.00E+00	4.33E-13	8.39E-12	6.01E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	8.66E-04	3.44E-01	0.00E+00	3.78E-11	1.27E-09	2.03E-04	6.17E-07	4.59E-04	0.00E+00	3.44E-01	9.71E-10	3.44E-01	3.45E-01	4.59E-04	0.00E+00	0.00E+00	0.00E+00	9.37E-05
WH36595200C	1.82E-04	2.87E-02	0.00E+00	2.87E-02	0.00E+00	0.00E+00	1.88E-02	1.08E-08	8.52E-05	9.35E-04	0.00E+00	0.00E+00	5.04E-13	9.76E-12	6.99E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	1.01E-03	4.00E-01	0.00E+00	4.40E-11	1.48E-09	2.36E-04	7.18E-07	5.34E-04	0.00E+00	4.00E-01	1.13E-09	4.00E-01	4.01E-01	5.34E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
WH36595200Q	2.61E-04	4.12E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	2.70E-02	1.55E-08	1.23E-04	1.34E-03	0.00E+00	0.00E+00	7.25E-13	1.40E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.65E-06	1.45E-03	5.76E-01	0.00E+00	6.33E-11	2.13E-09	3.39E-04	1.03E-06	7.69E-04	0.00E+00	5.76E-01	1.63E-09	5.76E-01	5.77E-01	7.69E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
WH36595203A	3.47E-05	5.09E-03	4.57E-10	5.10E-03	2.05E-11	0.00E+00	3.28E-03	1.49E-09	1.09E-05	1.74E-04	0.00E+00	0.00E+00	7.60E-14	2.26E-12	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.52E-04	5.48E-02	0.00E+00	6.14E-12	1.97E-10	3.87E-05	1.11E-07	8.92E-05	0.00E+00	5.48E-02	1.84E-10	5.48E-02	5.74E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH36595203C	3.47E-05	5.09E-03	4.57E-10	5.10E-03	2.05E-11	0.00E+00	3.28E-03	1.49E-09	1.09E-05	1.74E-04	0.00E+00	0.00E+00	7.60E-14	2.26E-12	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.52E-04	5.48E-02	0.00E+00	6.14E-12	1.97E-10	3.69E-05	1.11E-07	8.92E-05	0.00E+00	5.48E-02	1.84E-10	5.48E-02	5.74E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH36595203Q	3.47E-05	5.09E-03	4.57E-10	5.10E-03	2.05E-11	0.00E+00	3.28E-03	1.49E-09	1.12E-05	1.74E-04	0.00E+00	0.00E+00	7.60E-14	2.26E-12	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.52E-04	5.48E-02	0.00E+00	6.14E-12	1.97E-10	3.87E-05	1.11E-07	8.92E-05	0.00E+00	5.48E-02	1.84E-10	5.48E-02	5.74E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH36595205A	3.47E-05	5.09E-03	4.57E-10	5.10E-03	2.05E-11	0.00E+00	3.28E-03	1.49E-09	1.09E-05	1.74E-04	0.00E+00	0.00E+00	7.60E-14	2.26E-12	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.52E-04	5.48E-02	0.00E+00	6.14E-12	1.97E-10	3.87E-05	1.11E-07	8.92E-05	0.00E+00	5.48E-02	1.84E-10	5.48E-02	5.74E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH36595205C	3.47E-05	5.09E-03	4.57E-10	5.10E-03	2.05E-11	0.00E+00	3.28E-03	1.49E-09	1.09E-05	1.74E-04	0.00E+00	0.00E+00	7.60E-14	2.26E-12	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.52E-04	5.48E-02	0.00E+00	6.14E-12	1.97E-10	3.69E-05	1.11E-07	8.92E-05	0.00E+00	5.48E-02	1.84E-10	5.48E-02	5.74E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH36595205Q	3.47E-05	5.09E-03	4.57E-10	5.10E-03	2.05E-11	0.00E+00	3.28E-03	1.49E-09	1.12E-05	1.74E-04	0.00E+00	0.00E+00	7.60E-14	2.26E-12	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.52E-04	5.48E-02	0.00E+00	6.14E-12	1.97E-10	3.87E-05	1.11E-07	8.92E-05	0.00E+00	5.48E-02	1.84E-10	5.48E-02	5.74E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH36595249A	3.47E-05	5.09E-03	4.57E-10	5.10E-03	2.05E-11	0.00E+00	3.28E-03	1.49E-09	1.09E-05	1.74E-04	0.00E+00	0.00E+00	7.60E-14	2.26E-12	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.52E-04	5.48E-02	0.00E+00	6.14E-12	1.97E-10	3.87E-05	1.11E-07	8.92E-05	0.00E+00	5.48E-02	1.84E-10	5.48E-02	5.74E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH36595249C	3.47E-05	5.09E-03	4.57E-10	5.10E-03	2.05E-11	0.00E+00	3.28E-03	1.49E-09	1.09E-05	1.74E-04	0.00E+00	0.00E+00	7.60E-14	2.26E-12	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.52E-04	5.48E-02	0.00E+00	6.14E-12	1.97E-10	3.69E-05	1.11E-07	8.92E-05	0.00E+00	5.48E-02	1.84E-10	5.48E-02	5.74E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH36595249Q	3.47E-05	5.09E-03	4.57E-10	5.10E-03	2.05E-11	0.00E+00	3.28E-03	1.49E-09	1.12E-05	1.74E-04	0.00E+00	0.00E+00	7.60E-14	2.26E-12	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-07	2.52E-04	5.48E-02	0.00E+00	6.14E-12	1.97E-10	3.87E-05	1.11E-07	8.92E-05	0.00E+00	5.48E-02	1.84E-10	5.48E-02	5.74E-02	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05
WH36596200A	3.23E-05	4.98E-03	4.57E-10	4.98E-03	2.05E-11	0.00E+00	3.23E-03	2.48E-09	1.05E-05	1.54E-04	0.00E+00	0.00E+00	8.10E-14	2.26E-12	1.48E-05	0.00E+00	0.00E+00	0.00E+00	6.09E-07	2.65E-04	5.60E-02	0.00E+00	6.49E-12	1.94E-10	3.04E-05	1.28E-07	9.04E-05	0.00E+00	5.60E-02	3.52E-10	5.60E-02	5.65E-02	9.04E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05
WH36596200C	1.58E-04	2.50E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.64E-02	9.37E-09	7.42E-05	8.14E-04	0.00E+00	0.00E+00	4.39E-13	8.50E-12	6.09E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	8.77E-04	3.49E-01	0.00E+00	3.83E-11	1.29E-09	2.05E-04	6.25E-07	4.65E-04	0.00E+00	3.49E-01	9.84E-10	3.49E-01	3.49E-01	4.65E-04	0.00E+00	0.00E+00	0.00E+00	9.49E-05
WH36596200Q	2.38E-04	3.75E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	2.46E-02	1.41E-08	1.12E-04	1.22E-03	0.00E+00	0.00E+00	6.60E-13	1.28E-11	9.15E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	1.32E-03	5.24E-01	0.00E+00	5.76E-11	1.94E-09	3.09E-04	9.39E-07	6.99E-04	0.00E+00	5.24E-01	1.48E-09	5.24E-01	5.25E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
WH36596203A	1.14E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.76E-09	5.19E-05	5.52E-04	0.00E+00	0.00E+00	3.19E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.49E-04	2.59E-01	0.00E+00	2.77E-11	9.09E-10	1.43E-04	4.50E-07	3.47E-04	0.00E+00	2.59E-01	7.08E-10	2.59E-01	2.59E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05
WH36596205A	1.14E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.76E-09	5.19E-05	5.52E-04	0.00E+00	0.00E+00	3.19E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.49E-04	2.59E-01	0.00E+00	2.77E-11	9.09E-10	1.43E-04	4.50E-07	3.47E-04	0.00E+00	2.59E-01	7.08E-10	2.59E-01	2.59E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05
WH36596205Q	2.45E-04	5.13E-02	4.57E-10	5.12E-02	2.05E-11	0.00E+00	3.49E-02	2.00E-08	1.30E-04	1.16E-03	0.00E+00	0.00E+00	9.58E-13	1.99E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-06	1.84E-03	7.65E-01	0.00E+00	8.26E-11	2.41E-09	3.70E-04	1.30E-06	9.73E-04	0.00E+00	7.65E-01	2.27E-09	7.65E-01	7.65E-01	9.73E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04
WH36596249A	1.14E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.76E-09	5.19E-05	5.52E-04	0.00E+00	0.00E+00	3.19E-13	6.54E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.49E-04	2.59E-01	0.00E+00	2.77E-11	9.09E-10	1.43E-04	4.50E-07	3.47E-04	0.00E+00	2.59E-01	7.08E-10	2.59E-01	2.59E-01	3.47E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05
WH36596249C	2.26E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.48E-02	1.44E-08	1.04E-04	1.11E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	9.02E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.28E-03	5.06E-01	0.00E+00	5.53E-11	1.86E-09	2.86E-04	9.15E-07	6.82E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.08E-01	6.82E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH36596249Q	2.45E-04	5.13E-02	4.57E-10	5.12E-02	2.05E-11	0.00E+00	3.49E-02	2.00E-08	1.30E-04	1.16E-03	0.00E+00	0.00E+00	9.58E-13	1.99E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-06	1.84E-03	7.66E-01	0.00E+00	8.27E-11	2.41E-09	3.70E-04	1.30E-06	9.73E-04	0.00E+00	7.66E-01	2.27E-09	7.66E-01	7.66E-01	9.73E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04
WH36596300A	1.46E-04	2.34E-02	4.57E-10	2.35E-02	2.05E-11	0.00E+00	1.59E-02	9.02E-09	6.93E-05	7.81E-04	0.00E+00	0.00E+00	4.21E-13	7.97E-12	6.06E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.23E-04	3.44E-01	0.00E+00	3.74E-11	1.19E-09	1.90E-04	5.90E-07	4.41E-04	0.00E+00	3.44E-01	9.18E-10	3.44E-01	3.40E-01	4.41E-04	0.00E+00	0.00E+00	0.00E+00	9.32E-05
WH36596300C	1.46E-04	2.35E-02	4.57E-10	2.35E-02	2.05E-11	0.00E+00	1.59E-02	9.01E-09	6.93E-05	7.81E-04	0.00E+00	0.00E+00	4.24E-13	8.03E-12	6.06E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	8.28E-04	3.44E-01	0.00E+00	3.75E-11	1.19E-09	1.90E-04	5.92E-07	4.42E-04	0.00E+00	3.44E-01	9.18E-10	3.44E-01	3.40E-01	4.42E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
WH36596300Q	2.41E-04	3.80E-02	4.57E-10	3.79E-02	2.05E-11	0.00E+00	2.57E-02	1.45E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.65E-13	1.29E-11	9.32E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.32E-03	5.58E-01	0.00E+00	5.87E-11	1.92E-09	3.09E-04	9.42E-07	7.10E-04	0.00E+00	5.58E-01	1.50E-09	5.58E-01	5.62E-01	7.10E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
WH36596303A	1.46E-04	2.34E-02	4.57E-10	2.35E-02	2.05E-11	0.00E+00	1.59E-02	9.02E-09	6.93E-05	7.81E-04	0.00E+00	0.00E+00	4.21E-13	7.97E-12	6.06E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.23E-04	3.44E-01	0.00E+00	3.74E-11	1.19E-09	1.90E-04	5.90E-07	4.41E-04	0.00E+00	3.44E-01	9.18E-10	3.44E-01	3.40E-01	4.41E-04	0.00E+00	0.00E+00	0.00E+00	9.32E-05
WH36596303C	1.46E-04	2.35E-02	4.57E-10	2.35E-02	2.05E-11	0.00E+00	1.59E-02	9.01E-09	6.93E-05	7.81E-04	0.00E+00	0.00E+00	4.24E-13	8.03E-12	6.06E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	8.28E-04	3.44E-01	0.00E+00	3.75E-11	1.19E-09	1.90E-04	5.92E-07	4.42E-04	0.00E+00	3.44E-01	9.18E-10	3.44E-01	3.40E-01	4.42E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
WH36596303Q	2.41E-04	3.80E-02	4.57E-10	3.79E-02	2.05E-11	0.00E+00	2.57E-02	1.45E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.65E-13	1.29E-11	9.32E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.32E-03	5.58E-01	0.00E+00	5.87E-11	1.92E-09	3.09E-04	9.42E-07	7.10E-04	0.00E+00	5.58E-01	1.50E-09	5.58E-01	5.62E-01	7.10E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
WH36596305A	1.46E-04	2.34E-02	4.57E-10	2.35E-02	2.05E-11	0.00E+00	1.59E-02	9.02E-09	6.93E-05	7.81E-04	0.00E+00	0.00E+00	4.21E-13	7.97E-12	6.06E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.23E-04	3.44E-01	0.00E+00	3.74E-11	1.19E-09	1.90E-04	5.90E-07	4.41E-04	0.00E+00	3.44E-01	9.18E-10	3.44E-01	3.40E-01	4.41E-04	0.00E+00	0.00E+00	0.00E+00	9.32E-05

WH36596305C	1.46E-04	2.35E-02	4.57E-10	2.35E-02	2.05E-11	0.00E+00	1.59E-02	9.01E-09	6.93E-05	7.81E-04	0.00E+00	0.00E+00	4.24E-13	8.03E-12	6.06E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	8.28E-04	3.44E-01	0.00E+00	3.75E-11	1.19E-09	1.90E-04	5.92E-07	4.42E-04	0.00E+00	3.44E-01	9.18E-10	3.44E-01	3.40E-01	4.42E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
WH36596305Q	2.41E-04	3.80E-02	4.57E-10	3.79E-02	2.05E-11	0.00E+00	2.57E-02	1.45E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.65E-13	1.29E-11	9.32E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.32E-03	5.58E-01	0.00E+00	5.87E-11	1.92E-09	3.09E-04	9.42E-07	7.10E-04	0.00E+00	5.58E-01	1.50E-09	5.58E-01	5.62E-01	7.10E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
WH36596349A	1.46E-04	2.34E-02	4.57E-10	2.35E-02	2.05E-11	0.00E+00	1.59E-02	9.02E-09	6.93E-05	7.81E-04	0.00E+00	0.00E+00	4.21E-13	7.97E-12	6.06E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.23E-04	3.44E-01	0.00E+00	3.74E-11	1.19E-09	1.90E-04	5.90E-07	4.41E-04	0.00E+00	3.44E-01	9.18E-10	3.44E-01	3.40E-01	4.41E-04	0.00E+00	0.00E+00	0.00E+00	9.32E-05
WH36596349C	1.46E-04	2.35E-02	4.57E-10	2.35E-02	2.05E-11	0.00E+00	1.59E-02	9.01E-09	6.93E-05	7.81E-04	0.00E+00	0.00E+00	4.24E-13	8.03E-12	6.06E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	8.28E-04	3.44E-01	0.00E+00	3.75E-11	1.19E-09	1.90E-04	5.92E-07	4.42E-04	0.00E+00	3.44E-01	9.18E-10	3.44E-01	3.40E-01	4.42E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
WH36596349Q	2.41E-04	3.80E-02	4.57E-10	3.79E-02	2.05E-11	0.00E+00	2.57E-02	1.45E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.65E-13	1.29E-11	9.32E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.32E-03	5.58E-01	0.00E+00	5.87E-11	1.92E-09	3.09E-04	9.42E-07	7.10E-04	0.00E+00	5.58E-01	1.50E-09	5.58E-01	5.62E-01	7.10E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
WH36597200A	3.50E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.48E-09	1.05E-05	1.69E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.77E-06	0.00E+00	0.00E+00	0.00E+00	5.10E-07	2.51E-04	5.47E-02	0.00E+00	6.01E-12	1.96E-10	3.75E-05	1.10E-07	8.67E-05	0.00E+00	5.47E-02	1.78E-10	5.47E-02	5.73E-02	8.67E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36597200C	3.50E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.48E-09	1.05E-05	1.69E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.77E-06	0.00E+00	0.00E+00	0.00E+00	5.10E-07	2.51E-04	5.47E-02	0.00E+00	6.01E-12	1.96E-10	3.57E-05	1.10E-07	8.67E-05	0.00E+00	5.47E-02	1.78E-10	5.47E-02	5.73E-02	8.67E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36597200Q	3.49E-05	5.07E-03	4.57E-10	5.08E-03	2.05E-11	0.00E+00	3.27E-03	1.49E-09	1.06E-05	1.69E-04	0.00E+00	0.00E+00	7.00E-14	2.24E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-07	2.52E-04	5.47E-02	0.00E+00	6.03E-12	1.95E-10	3.75E-05	1.10E-07	8.85E-05	0.00E+00	5.47E-02	1.81E-10	5.47E-02	5.74E-02	8.85E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36597203A	3.50E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.48E-09	1.05E-05	1.69E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.77E-06	0.00E+00	0.00E+00	0.00E+00	5.10E-07	2.51E-04	5.47E-02	0.00E+00	6.01E-12	1.96E-10	3.75E-05	1.10E-07	8.67E-05	0.00E+00	5.47E-02	1.78E-10	5.47E-02	5.73E-02	8.67E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36597203C	3.50E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.48E-09	1.05E-05	1.69E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.77E-06	0.00E+00	0.00E+00	0.00E+00	5.10E-07	2.51E-04	5.47E-02	0.00E+00	6.01E-12	1.96E-10	3.57E-05	1.10E-07	8.67E-05	0.00E+00	5.47E-02	1.78E-10	5.47E-02	5.73E-02	8.67E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36597203Q	3.49E-05	5.07E-03	4.57E-10	5.08E-03	2.05E-11	0.00E+00	3.27E-03	1.49E-09	1.06E-05	1.69E-04	0.00E+00	0.00E+00	7.00E-14	2.24E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-07	2.52E-04	5.47E-02	0.00E+00	6.03E-12	1.95E-10	3.75E-05	1.10E-07	8.85E-05	0.00E+00	5.47E-02	1.81E-10	5.47E-02	5.74E-02	8.85E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36597205A	3.50E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.48E-09	1.05E-05	1.69E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.77E-06	0.00E+00	0.00E+00	0.00E+00	5.10E-07	2.51E-04	5.47E-02	0.00E+00	6.01E-12	1.96E-10	3.75E-05	1.10E-07	8.67E-05	0.00E+00	5.47E-02	1.78E-10	5.47E-02	5.73E-02	8.67E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36597205C	3.50E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.48E-09	1.05E-05	1.69E-04	0.00E+00	0.00E+00	7.00E-14	1.96E-12	9.77E-06	0.00E+00	0.00E+00	0.00E+00	5.10E-07	2.51E-04	5.47E-02	0.00E+00	6.01E-12	1.96E-10	3.57E-05	1.10E-07	8.67E-05	0.00E+00	5.47E-02	1.78E-10	5.47E-02	5.73E-02	8.67E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36597205Q	3.49E-05	5.07E-03	4.57E-10	5.08E-03	2.05E-11	0.00E+00	3.27E-03	1.49E-09	1.06E-05	1.69E-04	0.00E+00	0.00E+00	7.00E-14	2.24E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-07	2.52E-04	5.47E-02	0.00E+00	6.03E-12	1.95E-10	3.75E-05	1.10E-07	8.85E-05	0.00E+00	5.47E-02	1.81E-10	5.47E-02	5.74E-02	8.85E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH36597249A	2.23E-04	3.59E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.03E-04	1.11E-03	0.00E+00	0.00E+00	6.34E-13	1.27E-11	8.95E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	1.29E-03	5.08E-01	0.00E+00	5.53E-11	1.82E-09	2.92E-04	9.25E-07	6.80E-04	0.00E+00	5.08E-01	1.45E-09	5.08E-01	5.09E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36597249C	2.23E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.03E-04	1.11E-03	0.00E+00	0.00E+00	6.32E-13	1.27E-11	8.92E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.29E-03	5.07E-01	0.00E+00	5.52E-11	1.82E-09	2.90E-04	9.18E-07	6.80E-04	0.00E+00	5.07E-01	1.44E-09	5.07E-01	5.09E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH36598200A	1.14E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.77E-09	5.17E-05	5.49E-04	0.00E+00	0.00E+00	3.19E-13	6.55E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.51E-04	2.59E-01	0.00E+00	2.77E-11	9.05E-10	1.43E-04	4.59E-07	3.52E-04	0.00E+00	2.59E-01	7.07E-10	2.59E-01	2.59E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05
WH36598200Q	2.43E-04	5.13E-02	4.57E-10	5.12E-02	2.05E-11	0.00E+00	3.35E-02	2.00E-08	1.27E-04	1.16E-03	0.00E+00	0.00E+00	9.21E-13	1.86E-11	1.25E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.86E-03	7.71E-01	0.00E+00	7.91E-11	2.36E-09	3.63E-04	1.31E-06	9.69E-04	0.00E+00	7.71E-01	2.18E-09	7.71E-01	7.60E-01	9.69E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
WH36598203A	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.18E-05	5.54E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.57E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.60E-07	3.52E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.60E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH36599200A	3.46E-05	4.97E-03	4.57E-10	4.98E-03	2.05E-11	0.00E+00	3.17E-03	1.80E-09	1.05E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	2.25E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.51E-04	5.48E-02	0.00E+00	6.42E-12	1.92E-10	3.02E-05	1.16E-07	8.81E-05	0.00E+00	5.48E-02	2.25E-10	5.48E-02	5.61E-02	8.81E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH36599200C	2.26E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.27E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	1.29E-03	5.06E-01	0.00E+00	5.53E-11	1.85E-09	2.87E-04	9.12E-07	6.77E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH36599200Q	2.37E-04	5.13E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.35E-02	2.00E-08	1.29E-04	1.16E-03	0.00E+00	0.00E+00	9.22E-13	1.86E-11	1.25E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.84E-03	7.77E-01	0.00E+00	7.90E-11	2.39E-09	3.53E-04	1.31E-06	9.70E-04	0.00E+00	7.77E-01	2.18E-09	7.77E-01	7.71E-01	9.70E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
WH36599203A	3.46E-05	4.97E-03	4.57E-10	4.98E-03	2.05E-11	0.00E+00	3.17E-03	1.80E-09	1.05E-05	1.60E-04	0.00E+00	0.00E+00	7.10E-14	2.25E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.51E-04	5.48E-02	0.00E+00	6.42E-12	1.92E-10	3.02E-05	1.16E-07	8.81E-05	0.00E+00	5.48E-02	2.25E-10	5.48E-02	5.61E-02	8.81E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05
WH36599203C	2.26E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.27E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	1.29E-03	5.06E-01	0.00E+00	5.53E-11	1.85E-09	2.87E-04	9.12E-07	6.77E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH36599203Q	2.37E-04	5.13E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.35E-02	2.00E-08	1.29E-04	1.16E-03	0.00E+00	0.00E+00	9.22E-13	1.86E-11	1.25E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.84E-03	7.77E-01	0.00E+00	7.89E-11	2.39E-09	3.53E-04	1.31E-06	9.70E-04	0.00E+00	7.77E-01	2.18E-09	7.77E-01	7.70E-01	9.70E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
WH36599205C	2.26E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.05E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.27E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	1.29E-03	5.06E-01	0.00E+00	5.53E-11	1.85E-09	2.87E-04	9.12E-07	6.77E-04	0.00E+00	5.06E-01	1.44E-09	5.06E-01	5.09E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH36599205Q	2.37E-04	5.13E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.35E-02	2.00E-08	1.29E-04	1.16E-03	0.00E+00	0.00E+00	9.22E-13	1.86E-11	1.25E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.84E-03	7.77E-01	0.00E+00	7.90E-11	2.39E-09	3.53E-04	1.31E-06	9.70E-04	0.00E+00	7.77E-01	2.18E-09	7.77E-01	7.70E-01	9.70E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
WH36599249Q	2.37E-04	5.13E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.35E-02	2.00E-08	1.29E-04	1.16E-03	0.00E+00	0.00E+00	9.22E-13	1.86E-11	1.25E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.84E-03	7.77E-01	0.00E+00	7.89E-11	2.39E-09	3.53E-04	1.31E-06	9.70E-04	0.00E+00	7.77E-01	2.18E-09	7.77E-01	7.70E-01	9.70E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
WH36600700Q	3.09E-04	4.87E-02	0.00E+00	4.87E-02	0.00E+00	0.00E+00	3.20E-02	1.83E-08	1.45E-04	1.59E-03	0.00E+00	0.00E+00	8.57E-13	1.66E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-06	1.71E-03	6.81E-01	0.00E+00	7.48E-11	2.51E-09	4.01E-04	1.22E-06	9.08E-04	0.00E+00	6.81E-01	1.92E-09	6.81E-01	6.81E-01	9.08E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04
WH36600800Q	3.09E-04	4.88E-02	0.00E+00	4.88E-02	0.00E+00	0.00E+00	3.20E-02	1.83E-08	1.45E-04	1.59E-03	0.00E+00	0.00E+00	8.58E-13	1.66E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.32E-06	1.71E-03	6.82E-01	0.00E+00	7.49E-11	2.52E-09	4.01E-04	1.22E-06	9.09E-04	0.00E+00	6.82E-01	1.92E-09	6.82E-01	6.82E-01	9.09E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-04
WH36620300A	3.42E-05	4.92E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.07E-05	1.57E-04	0.00E+00	0.00E+00	8.00E-14	2.53E-12	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.49E-02	0.00E+00	6.42E-12	1.93E-10	3.19E-05	1.17E-07	8.99E-05	0.00E+00	5.49E-02	2.48E-10	5.49E-02	5.60E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05
WH36620300C	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.36E-09	6.61E-05	7.25E-04	0.00E+00	0.00E+00	3.91E-13	7.57E-12	5.43E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.82E-04	3.11E-01	0.00E+00	3.42E-11	1.15E-09	1.83E-04	5.57E-07	4.15E-04	0.00E+00	3.11E-01	8.77E-10	3.11E-01	3.11E-01	4.15E-04	0.00E+00	0.00E+00	0.00E+00	8.46E-05
WH36620300Q	3.42E-05	4.92E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.07E-05	1.57E-04	0.00E+00	0.00E+00	8.00E-14	2.53E-12	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.49E-02	0.00E+00	6.42E-12	1.93E-10	3.19E-05	1.17E-07	8.99E-05	0.00E+00	5.49E-02	2.48E-10	5.49E-02	5.60E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05
WH36620303A	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.56E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.48E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36620303C	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.56E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.49E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36620303Q	2.02E-04	3.19E-02	0.00E+00	3.19E-02	0.00E+00	0.00E+00	2.09E-02	1.20E-08	9.47E-05	1.04E-03	0.00E+00	0.00E+00	5.61E-13	1.09E-11	7.77E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	1.12E-03	4.45E-01	0.00E+00	4.89E-11	1.64E-09	2.62E-04	7.98E-07	5.94E-04	0.00E+00	4.45E-01	1.26E-09	4.45E-01	4.46E-01	5.94E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04
WH36620305A	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.56E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.48E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36620305C	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.56E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.49E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36620305Q	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.56E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.48E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36620349A	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.56E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.48E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36620349C	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.56E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.49E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36620349Q	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.56E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.48E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36622300A	3.46E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.04E-05	1.51E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.63E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.47E-02	0.00E+00	6.33E-12	1.92E-10	3.08E-05	1.16E-07	8.60E-05	0.00E+00	5.47E-02	2.40E-10	5.47E-02	5.60E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36622300C	3.46E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.04E-05	1.51E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.63E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.47E-02	0.00E+00	6.33E-12	1.92E-10	3.08E-05	1.16E-07	8.60E-05	0.00E+00	5.47E-02	2.40E-10	5.47E-02	5.60E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36622300Q	3.45E-05	4.90E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.15E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.51E-04	5.47E-02	0.00E+00	6.35E-12	1.90E-10	3.08E-05	1.16E-07	8.77E-05	0.00E+00	5.47E-02	2.42E-10	5.47E-02	5.60E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36622303A	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.86E-10	3.03E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36622303C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.86E-10	3.03E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36622303Q	3.42E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.02E-05	1.50E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.51E-04	5.45E-02	0.00E+00	6.32E-12	1.84E-10	3.05E-05	1.16E-07	8.77E-05	0.00E+00	5.45E-02	2.42E-10	5.45E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36622305A	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.86E-10	3.03E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36622305C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.86E-10	3.03E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36622305Q	3.42E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.02E-05	1.50E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.51E-04	5.45E-02	0.00E+00	6.32E-12	1.84E-10	3.05E-05	1.16E-07	8.77E-05	0.00E+00	5.45E-02	2.42E-10	5.45E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36622349A	2.26E-04	3.59E-02	4.57E-10	3.58E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.27E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.29E-03	5.05E-01	0.00E+00	5.50E-11	1.85E-09	2.88E-04	9.14E-07	6.75E-04	0.00E+00	5.05E-01	1.44E-09	5.05E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH36622349Q	2.52E-04	5.22E-02	4.57E-10	5.21E-02	2.05E-11	0.00E+00	3.38E-02	2.00E-08	1.29E-04	1.20E-03	0.00E+00	0.00E+00	9.27E-13	1.87E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.73E-06	1.86E-03	7.72E-01	0.00E+00	7.92E-11	2.37E-09	3.66E-04	1.32E-06	9.72E-04	0.00E+00	7.72E-01	2.18E-09	7.72E-01	7.62E-01	9.72E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
WH36625300A	3.42E-05	4.92E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.09E-05	1.62E-04	0.00E+00	0.00E+00	8.00E-14	2.53E-12	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.49E-02	0.00E+00	6.42E-12	1.94E-10	3.19E-05	1.17E-07	8.99E-05	0.00E+00	5.49E-02	2.46E-10	5.49E-02	5.60E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05
WH36625300C	1.54E-04	2.43E-02	0.00E+00	2.43E-02	0.00E+00	0.00E+00	1.59E-02	9.13E-09	7.23E-05	7.93E-04	0.00E+00	0.00E+00	4.28E-13	8.28E-12	5.93E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	8.54E-04	3.40E-01	0.00E+00	3.73E-11	1.25E-09	2.00E-04	6.09E-07	4.53E-04	0.00E+00	3.40E-01	9.58E-10	3.40E-01	3.40E-01	4.53E-04	0.00E+00	0.00E+00	0.00E+00	9.24E-05
WH36625300Q	2.12E-04	3.35E-02	0.00E+00	3.35E-02	0.00E+00	0.00E+00	2.19E-02	1.26E-08	9.95E-05	1.09E-03	0.00E+00	0.00E+00	5.89E-13	1.14E-11	8.16E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	1.18E-03	4.67E-01	0.00E+00	5.14E-11	1.73E-09	2.75E-04	8.38E-07	6.24E-04	0.00E+00	4.67E-01	1.32E-09	4.67E-01	4.68E-01	6.24E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
WH36625303A	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.46E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36625303C	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.47E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36625303Q	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.46E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36625305A	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.46E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36625305C	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.47E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36625305Q	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.46E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36625349A	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.46E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36625349C	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.47E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36625349Q	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.16E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.46E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36627300A	3.46E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.06E-05	1.56E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.63E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.47E-02	0.00E+00	6.33E-12	1.93E-10	3.08E-05	1.16E-07	8.60E-05	0.00E+00	5.47E-02	2.40E-10	5.47E-02	5.60E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36627300C	3.46E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.06E-05	1.56E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.63E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.47E-02	0.00E+00	6.33E-12	1.93E-10	3.08E-05	1.16E-07	8.60E-05	0.00E+00	5.47E-02	2.40E-10	5.47E-02	5.60E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36627300Q	3.45E-05	4.90E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.05E-05	1.55E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.15E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.51E-04	5.47E-02	0.00E+00	6.35E-12	1.91E-10	3.08E-05	1.16E-07	8.77E-05	0.00E+00	5.47E-02	2.42E-10	5.47E-02	5.60E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36627303A	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.86E-10	3.03E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36627303Q	3.42E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.02E-05	1.50E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.51E-04	5.45E-02	0.00E+00	6.32E-12	1.84E-10	3.05E-05	1.16E-07	8.77E-05	0.00E+00	5.45E-02	2.42E-10	5.45E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36627305A	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.86E-10	3.03E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36627305Q	3.42E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.02E-05	1.50E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.51E-04	5.45E-02	0.00E+00	6.32E-12	1.84E-10	3.05E-05	1.16E-07	8.77E-05	0.00E+00	5.45E-02	2.42E-10	5.45E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36627349Q	2.52E-04	5.22E-02	4.57E-10	5.21E-02	2.05E-11	0.00E+00	3.38E-02	2.00E-08	1.29E-04	1.20E-03	0.00E+00	0.00E+00	9.27E-13	1.87E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.73E-06	1.86E-03	7.72E-01	0.00E+00	7.92E-11	2.37E-09	3.66E-04	1.32E-06	9.72E-04	0.00E+00	7.72E-01	2.18E-09	7.72E-01	7.62E-01	9.72E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
WH36640300A	1.42E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.47E-02	8.41E-09	6.66E-05	7.30E-04	0.00E+00	0.00E+00	3.94E-13	7.63E-12	5.46E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.87E-04	3.13E-01	0.00E+00	3.44E-11	1.16E-09	1.84E-04	5.61E-07	4.18E-04	0.00E+00	3.13E-01	8.83E-10	3.13E-01	3.13E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	8.52E-05
WH36640300C	1.66E-04	2.62E-02	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.72E-02	9.82E-09	7.77E-05	8.53E-04	0.00E+00	0.00E+00	4.60E-13	8.90E-12	6.38E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-06	9.19E-04	3.65E-01	0.00E+00	4.01E-11	1.35E-09	2.15E-04	6.55E-07	4.87E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.66E-01	4.87E-04	0.00E+00	0.00E+00	0.00E+00	9.94E-05
WH36640300Q	2.46E-04	3.88E-02	0.00E+00	3.88E-02	0.00E+00	0.00E+00	2.54E-02	1.46E-08	1.15E-04	1.26E-03	0.00E+00	0.00E+00	6.82E-13	1.32E-11	9.46E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-06	1.36E-03	5.42E-01	0.00E+00	5.95E-11	2.00E-09	3.19E-04	9.71E-07	7.23E-04	0.00E+00	5.42E-01	1.53E-09	5.42E-01	5.42E-01	7.23E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
WH36640303A	1.25E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.29E-02	7.40E-09	5.85E-05	6.42E-04	0.00E+00	0.00E+00	3.46E-13	6.70E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.92E-04	2.75E-01	0.00E+00	3.02E-11	1.02E-09	1.62E-04	4.93E-07	3.67E-04	0.00E+00	2.75E-01	7.76E-10	2.75E-01	2.75E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05
WH36640303C	1.63E-04	2.58E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	1.69E-02	9.68E-09	7.66E-05	8.40E-04	0.00E+00	0.00E+00	4.53E-13	8.77E-12	6.29E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.06E-04	3.60E-01	0.00E+00	3.96E-11	1.33E-09	2.12E-04	6.45E-07	4.80E-04	0.00E+00	3.60E-01	1.02E-09	3.60E-01	3.60E-01	4.80E-04	0.00E+00	0.00E+00	0.00E+00	9.80E-05
WH36640303Q	2.36E-04	3.72E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.44E-02	1.40E-08	1.11E-04	1.21E-03	0.00E+00	0.00E+00	6.55E-13	1.27E-11	9.08E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	1.31E-03	5.20E-01	0.00E+00	5.71E-11	1.92E-09	3.06E-04	9.32E-07	6.94E-04	0.00E+00	5.20E-01	1.47E-09	5.20E-01	5.21E-01	6.94E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
WH36640305A	1.24E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.33E-09	5.80E-05	6.37E-04	0.00E+00	0.00E+00	3.44E-13	6.65E-12	4.76E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.86E-04	2.73E-01	0.00E+00	3.00E-11	1.01E-09	1.61E-04	4.89E-07	3.64E-04	0.00E+00	2.73E-01	7.70E-10	2.73E-01	2.73E-01	3.64E-04	0.00E+00	0.00E+00	0.00E+00	7.42E-05
WH36640305C	1.64E-04	2.58E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	1.69E-02	9.69E-09	7.67E-05	8.41E-04	0.00E+00	0.00E+00	4.54E-13	8.78E-12	6.29E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.07E-04	3.60E-01	0.00E+00	3.96E-11	1.33E-09	2.12E-04	6.46E-07	4.81E-04	0.00E+00	3.60E-01	1.02E-09	3.60E-01	3.61E-01	4.81E-04	0.00E+00	0.00E+00	0.00E+00	9.81E-05
WH36640305Q	2.16E-04	3.40E-02	0.00E+00	3.40E-02	0.00E+00	0.00E+00	2.23E-02	1.28E-08	1.01E-04	1.11E-03	0.00E+00	0.00E+00	5.99E-13	1.16E-11	8.30E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	1.20E-03	4.76E-01	0.00E+00	5.23E-11	1.76E-09	2.80E-04	8.52E-07	6.35E-04	0.00E+00	4.76E-01	1.34E-09	4.76E-01	4.76E-01	6.35E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
WH36640349A	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.15E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.46E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36640349C	1.64E-04	2.59E-02	0.00E+00	2.59E-02	0.00E+00	0.00E+00	1.70E-02	9.72E-09	7.70E-05	8.44E-04	0.00E+00	0.00E+00	4.56E-13	8.81E-12	6.31E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.10E-04	3.62E-01	0.00E+00	3.97E-11	1.34E-09	2.13E-04	6.48E-07	4.83E-04	0.00E+00	3.62E-01	1.02E-09	3.62E-01	3.62E-01	4.83E-04	0.00E+00	0.00E+00	0.00E+00	9.84E-05
WH36640349Q	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.15E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.46E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05

WH36640700A	3.42E-05	4.92E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.07E-05	1.57E-04	0.00E+00	0.00E+00	8.00E-14	2.53E-12	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.49E-02	0.00E+00	6.42E-12	1.93E-10	3.18E-05	1.17E-07	8.99E-05	0.00E+00	5.49E-02	2.46E-10	5.49E-02	5.60E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05
WH36640700C	1.52E-04	2.40E-02	0.00E+00	2.40E-02	0.00E+00	0.00E+00	1.58E-02	9.02E-09	7.14E-05	7.83E-04	0.00E+00	0.00E+00	4.23E-13	8.18E-12	5.86E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	8.44E-04	3.36E-01	0.00E+00	3.69E-11	1.24E-09	1.98E-04	6.01E-07	4.48E-04	0.00E+00	3.36E-01	9.47E-10	3.36E-01	3.36E-01	4.48E-04	0.00E+00	0.00E+00	0.00E+00	9.13E-05
WH36640700Q	3.42E-05	4.92E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.07E-05	1.57E-04	0.00E+00	0.00E+00	8.00E-14	2.53E-12	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.49E-02	0.00E+00	6.42E-12	1.93E-10	3.18E-05	1.17E-07	8.99E-05	0.00E+00	5.49E-02	2.46E-10	5.49E-02	5.60E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05
WH36640703A	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.15E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.46E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36640703C	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.15E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.47E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36640703Q	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.15E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.46E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36640705A	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.15E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.46E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36640705C	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.15E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.47E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36640705Q	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.15E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.46E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36640749A	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.15E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.46E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36640749C	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.15E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.47E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36640749Q	3.38E-05	4.91E-03	4.57E-10	4.91E-03	2.05E-11	0.00E+00	3.13E-03	1.80E-09	1.05E-05	1.57E-04	0.00E+00	0.00E+00	8.40E-14	2.53E-12	1.71E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-07	2.52E-04	5.47E-02	0.00E+00	8.10E-12	1.86E-10	3.15E-05	1.16E-07	8.99E-05	0.00E+00	5.47E-02	2.46E-10	5.47E-02	5.58E-02	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05
WH36642300A	3.46E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.04E-05	1.51E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.63E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.47E-02	0.00E+00	6.33E-12	1.92E-10	3.07E-05	1.16E-07	8.60E-05	0.00E+00	5.47E-02	2.40E-10	5.47E-02	5.60E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36642300C	3.46E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.04E-05	1.51E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.63E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.47E-02	0.00E+00	6.33E-12	1.92E-10	3.07E-05	1.16E-07	8.60E-05	0.00E+00	5.47E-02	2.40E-10	5.47E-02	5.60E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36642300Q	3.45E-05	4.90E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.15E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.51E-04	5.47E-02	0.00E+00	6.35E-12	1.90E-10	3.08E-05	1.16E-07	8.77E-05	0.00E+00	5.47E-02	2.42E-10	5.47E-02	5.60E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36642303A	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.86E-10	3.03E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36642303C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.86E-10	3.03E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36642303Q	3.42E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.02E-05	1.50E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.51E-04	5.45E-02	0.00E+00	6.32E-12	1.84E-10	3.05E-05	1.16E-07	8.77E-05	0.00E+00	5.45E-02	2.42E-10	5.45E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36642305A	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.86E-10	3.03E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36642305C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.86E-10	3.03E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36642305Q	3.42E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.02E-05	1.50E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.51E-04	5.45E-02	0.00E+00	6.32E-12	1.84E-10	3.05E-05	1.16E-07	8.77E-05	0.00E+00	5.45E-02	2.42E-10	5.45E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36642349Q	2.52E-04	5.21E-02	4.57E-10	5.21E-02	2.05E-11	0.00E+00	3.38E-02	2.00E-08	1.29E-04	1.20E-03	0.00E+00	0.00E+00	9.26E-13	1.87E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.73E-06	1.86E-03	7.72E-01	0.00E+00	7.92E-11	2.37E-09	3.66E-04	1.32E-06	9.72E-04	0.00E+00	7.72E-01	2.18E-09	7.72E-01	7.62E-01	9.72E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
WH36642700Q	3.45E-05	4.90E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.15E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.51E-04	5.47E-02	0.00E+00	6.35E-12	1.90E-10	3.08E-05	1.16E-07	8.77E-05	0.00E+00	5.47E-02	2.42E-10	5.47E-02	5.60E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36642703A	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.86E-10	3.03E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36642703C	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.86E-10	3.03E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36642703Q	3.42E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.02E-05	1.50E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.51E-04	5.45E-02	0.00E+00	6.32E-12	1.84E-10	3.05E-05	1.16E-07	8.77E-05	0.00E+00	5.45E-02	2.42E-10	5.45E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36642705A	3.43E-05	4.89E-03	4.57E-10	4.88E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.03E-05	1.50E-04	0.00E+00	0.00E+00	6.90E-14	1.95E-12	9.56E-06	0.00E+00	0.00E+00	0.00E+00	5.08E-07	2.51E-04	5.45E-02	0.00E+00	6.30E-12	1.86E-10	3.03E-05	1.16E-07	8.60E-05	0.00E+00	5.45E-02	2.40E-10	5.45E-02	5.58E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36642705Q	3.42E-05	4.89E-03	4.57E-10	4.89E-03	2.05E-11	0.00E+00	3.12E-03	1.80E-09	1.02E-05	1.50E-04	0.00E+00	0.00E+00	7.00E-14	2.25E-12	1.14E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.51E-04	5.45E-02	0.00E+00	6.32E-12	1.84E-10	3.05E-05	1.16E-07	8.77E-05	0.00E+00	5.45E-02	2.42E-10	5.45E-02	5.58E-02	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WH36645300A	1.38E-04	2.15E-02	4.57E-10	2.15E-02	2.05E-11	0.00E+00	1.43E-02	8.17E-09	6.47E-05	7.01E-04	0.00E+00	0.00E+00	3.84E-13	7.39E-12	5.22E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.42E-04	2.97E-01	0.00E+00	3.30E-11	1.11E-09	1.76E-04	5.33E-07	3.97E-04	0.00E+00	2.97E-01	8.42E-10	2.97E-01	2.98E-01	3.97E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-05
WH36645300C	1.46E-04	2.31E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	1.51E-02	8.67E-09	6.86E-05	7.52E-04	0.00E+00	0.00E+00	4.06E-13	7.85E-12	5.63E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	8.11E-04	3.22E-01	0.00E+00	3.54E-11	1.19E-09	1.90E-04	5.78E-07	4.30E-04	0.00E+00	3.22E-01	9.09E-10	3.22E-01	3.23E-01	4.30E-04	0.00E+00	0.00E+00	0.00E+00	8.77E-05
WH36645300Q	2.31E-04	3.65E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	2.39E-02	1.37E-08	1.08E-04	1.19E-03	0.00E+00	0.00E+00	6.41E-13	1.24E-11	8.89E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	1.28E-03	5.09E-01	0.00E+00	5.60E-11	1.88E-09	3.00E-04	9.13E-07	6.80E-04	0.00E+00	5.09E-01	1.44E-09	5.09E-01	5.10E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH36645303A	1.38E-04	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.41E-02	8.17E-09	6.41E-05	6.99E-04	0.00E+00	0.00E+00	3.81E-13	7.36E-12	5.20E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.42E-04	2.97E-01	0.00E+00	3.30E-11	1.11E-09	1.77E-04	5.33E-07	3.96E-04	0.00E+00	2.97E-01	8.45E-10	2.97E-01	2.98E-01	3.96E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-05
WH36645303C	1.94E-04	3.13E-02	4.57E-10	3.13E-02	2.05E-11	0.00E+00	2.04E-02	1.16E-08	9.27E-05	1.01E-03	0.00E+00	0.00E+00	5.59E-13	1.11E-11	7.68E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	1.08E-03	4.37E-01	0.00E+00	4.74E-11	1.62E-09	2.56E-04	7.88E-07	5.79E-04	0.00E+00	4.37E-01	1.23E-09	4.37E-01	4.39E-01	5.79E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
WH36645303Q	2.36E-04	3.78E-02	4.57E-10	3.77E-02	2.05E-11	0.00E+00	2.59E-02	1.45E-08	1.10E-04	1.21E-03	0.00E+00	0.00E+00	6.68E-13	1.29E-11	9.25E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.33E-03	5.64E-01	0.00E+00	5.92E-11	1.92E-09	3.07E-04	9.44E-07	7.27E-04	0.00E+00	5.64E-01	1.49E-09	5.64E-01	5.60E-01	7.27E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
WH36645305A	1.38E-04	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.41E-02	8.17E-09	6.41E-05	6.99E-04	0.00E+00	0.00E+00	3.81E-13	7.36E-12	5.20E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.42E-04	2.97E-01	0.00E+00	3.30E-11	1.11E-09	1.77E-04	5.33E-07	3.96E-04	0.00E+00	2.97E-01	8.45E-10	2.97E-01	2.98E-01	3.96E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-05
WH36645305C	1.94E-04	3.13E-02	4.57E-10	3.13E-02	2.05E-11	0.00E+00	2.04E-02	1.16E-08	9.27E-05	1.01E-03	0.00E+00	0.00E+00	5.59E-13	1.11E-11	7.68E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	1.08E-03	4.37E-01	0.00E+00	4.74E-11	1.62E-09	2.56E-04	7.88E-07	5.79E-04	0.00E+00	4.37E-01	1.23E-09	4.37E-01	4.39E-01	5.79E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
WH36645305Q	2.36E-04	3.78E-02	4.57E-10	3.77E-02	2.05E-11	0.00E+00	2.59E-02	1.45E-08	1.10E-04	1.21E-03	0.00E+00	0.00E+00	6.68E-13	1.29E-11	9.25E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.33E-03	5.64E-01	0.00E+00	5.92E-11	1.92E-09	3.07E-04	9.44E-07	7.27E-04	0.00E+00	5.64E-01	1.49E-09	5.64E-01	5.60E-01	7.27E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
WH36645349A	1.38E-04	2.14E-02	4.57E-10	2.14E-02	2.05E-11	0.00E+00	1.41E-02	8.17E-09	6.41E-05	6.99E-04	0.00E+00	0.00E+00	3.81E-13	7.36E-12	5.20E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.42E-04	2.97E-01	0.00E+00	3.30E-11	1.11E-09	1.77E-04	5.33E-07	3.96E-04	0.00E+00	2.97E-01	8.45E-10	2.97E-01	2.98E-01	3.96E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-05
WH36645349C	1.94E-04	3.13E-02	4.57E-10	3.13E-02	2.05E-11	0.00E+00	2.04E-02	1.16E-08	9.27E-05	1.01E-03	0.00E+00	0.00E+00	5.59E-13	1.11E-11	7.68E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	1.08E-03	4.37E-01	0.00E+00	4.74E-11	1.62E-09	2.56E-04	7.88E-07	5.79E-04	0.00E+00	4.37E-01	1.23E-09	4.37E-01	4.39E-01	5.79E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
WH36645349Q	2.36E-04	3.78E-02	4.57E-10	3.77E-02	2.05E-11	0.00E+00	2.59E-02	1.45E-08	1.10E-04	1.21E-03	0.00E+00	0.00E+00	6.68E-13	1.29E-11	9.25E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.33E-03	5.64E-01	0.00E+00	5.92E-11	1.92E-09	3.07E-04	9.44E-07	7.27E-04	0.00E+00	5.64E-01	1.49E-09	5.64E-01	5.60E-01	7.27E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
WH36647300Q	2.30E-04	3.64E-02	4.57E-10	3.63E-02	2.05E-11	0.00E+00	2.44E-02	1.39E-08	1.07E-04	1.17E-03	0.00E+00	0.00E+00	6.41E-13	1.24E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.30E-03	5.24E-01	0.00E+00	5.62E-11	1.86E-09	2.93E-04	9.20E-07	7.13E-04	0.00E+00	5.24E-01	1.42E-09	5.24E-01	5.25E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36647303Q	2.29E-04	3.64E-02	4.57E-10	3.63E-02	2.05E-11	0.00E+00	2.44E-02	1.38E-08	1.07E-04	1.18E-03	0.00E+00	0.00E+00	6.41E-13	1.24E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	1.30E-03	5.24E-01	0.00E+00	5.61E-11	1.86E-09	2.96E-04	9.18E-07	7.12E-04	0.00E+00	5.24E-01	1.42E-09	5.24E-01	5.20E-01	7.12E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36647305Q	2.29E-04	3.64E-02	4.57E-10	3.63E-02	2.05E-11	0.00E+00	2.44E-02	1.38E-08	1.07E-04	1.18E-03	0.00E+00	0.00E+00	6.41E-13	1.24E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	1.30E-03	5.24E-01	0.00E+00	5.61E-11	1.86E-09	2.96E-04	9.18E-07	7.12E-04	0.00E+00	5.24E-01	1.42E-09	5.24E-01	5.20E-01	7.12E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36647349Q	2.29E-04	3.64E-02	4.57E-10	3.63E-02	2.05E-11	0.00E+00	2.44E-02	1.38E-08	1.07E-04	1.18E-03	0.00E+00	0.00E+00	6.41E-13	1.24E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	1.30E-03	5.24E-01	0.00E+00	5.61E-11	1.86E-09	2.96E-04	9.18E-07	7.12E-04	0.00E+00	5.24E-01	1.42E-09	5.24E-01	5.20E-01	7.12E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH36910900C	2.58E-04	5.13E-02	4.57E-10	5.12E-02	2.05E-11	0.00E+00	3.50E-02	1.98E-08	1.33E-04	1.18E-03	0.00E+00	0.00E+00	9.60E-13	2.02E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.87E-06	1.83E-03	7.62E-01	0.00E+00	8.37E-11	2.41E-09	3.74E-04	1.31E-06	9.79E-04	0.00E+00	7.62E-01	2.26E-09	7.62E-01	7.62E-01	9.79E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-04
WH36910900Q	4.37E-04	6.87E-02	4.57E-10	6.88E-02	2.05E-11	0.00E+00	4.66E-02	2.64E-08	2.04E-04	2.22E-03	0.00E+00	0.00E+00	1.27E-12	2.56E-11	1.74E-04	0.00E+00	0.00E+00	0.00E+00	6.35E-06	2.47E-03	9.63E-01	0.00E+00	1.10E-10	3.58E-09	5.66E-04	1.74E-06	1.28E-03	0.00E+00	9.63E-01	2.89E-09	9.63E-01	9.63E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
WH36910903Q	4.36E-04	6.86E-02	4.57E-10	6.87E-02	2.05E-11	0.00E+00	4.66E-02	2.64E-08	2.04E-04	2.22E-03	0.00E+00	0.00E+00	1.27E-12	2.57E-11	1.74E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-06	2.46E-03	9.62E-01	0.00E+00	1.10E-10	3.57E-09	5.63E-04	1.73E-06	1.28E-03	0.00E+00	9.62E-01	2.88E-09	9.62E-01	9.63E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
WH36910905Q	4.36E-04	6.86E-02	4.57E-10	6.87E-02	2.05E-11	0.00E+00	4.66E-02	2.64E-08	2.04E-04	2.22E-03	0.00E+00	0.00E+00	1.27E-12	2.57E-11	1.74E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-06	2.46E-03	9.62E-01	0.00E+00	1.10E-10	3.57E-09	5.63E-04	1.73E-06	1.28E-03	0.00E+00	9.62E-01	2.88E-09	9.62E-01	9.63E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
WH36910949Q	4.36E-04	6.87E-02	4.57E-10	6.87E-02	2.05E-11	0.00E+00	4.66E-02	2.65E-08	2.04E-04	2.22E-03	0.00E+00	0.00E+00	1.27E-12	2.57E-11	1.74E-04	0.00E+00	0.00E+00	0.00E+00	6.37E-06	2.47E-03	9.62E-01	0.00E+00	1.10E-10	3.57E-09	5.63E-04	1.73E-06	1.28E-03	0.00E+00	9.62E-01	2.88E-09	9.62E-01	9.63E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
WH36911000C	4.53E-04	7.15E-02	4.57E-10	7.14E-02	2.05E-11	0.00E+00	4.77E-02	2.71E-08	1.98E-04	2.22E-03	0.00E+00	0.00E+00	1.28E-12	2.60E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-06	2.55E-03	1.05E+00	0.00E+00	1.14E-10	3.43E-09	5.73E-04	1.75E-06	1.32E-03	0.00E+00	1.05E+00	3.00E-09	1.05E+00	1.04E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
WH36911003C	4.51E-04	7.11E-02	4.57E-10	7.10E-02	2.05E-11	0.00E+00	4.76E-02	2.72E-08	1.97E-04	2.20E-03	0.00E+00	0.00E+00	1.28E-12	2.60E-11	1.74E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-06	2.54E-03	1.04E+00	0.00E+00	1.14E-10	3.42E-09	5.68E-04	1.74E-06	1.32E-03	0.00E+00	1.04E+00	2.99E-09	1.04E+00	1.04E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
WH36912300C	3.34E-04	5.26E-02	0.00E+00	5.26E-02	0.00E+00	0.00E+00	3.45E-02	1.98E-08	1.57E-04	1.72E-03	0.00E+00	0.00E+00	9.27E-13	1.79E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-06	1.85E-03	7.36E-01	0.00E+00	8.08E-11	2.72E-09	4.33E-04	1.32E-06	9.81E-04	0.00E+00	7.36E-01	2.08E-09	7.36E-01	7.36E-01	9.81E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH36912300Q	4.45E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.08E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.79E-01	0.00E+00	1.08E-10	3.62E-09	5.77E-04	1.75E-06	1.31E-03	0.00E+00	9.79E-01	2.76E-09	9.79E-01	9.81E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
WH36912303C	3.24E-04	5.11E-02	0.00E+00	5.11E-02	0.00E+00	0.00E+00	3.35E-02	1.92E-08	1.52E-04	1.67E-03	0.00E+00	0.00E+00	9.00E-13	1.74E-11	1.25E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-06	1.80E-03	7.14E-01	0.00E+00	7.85E-11	2.64E-09	4.21E-04	1.28E-06	9.53E-04	0.00E+00	7.14E-01	2.02E-09	7.14E-01	7.15E-01	9.53E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
WH36912303Q	4.23E-04	6.67E-02	0.00E+00	6.67E-02	0.00E+00	0.00E+00	4.38E-02	2.51E-08	1.98E-04	2.18E-03	0.00E+00	0.00E+00	1.17E-12	2.27E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.91E-06	2.35E-03	9.32E-01	0.00E+00	1.02E-10	3.44E-09	5.49E-04	1.67E-06	1.24E-03	0.00E+00	9.32E-01	2.63E-09	9.32E-01	9.33E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
WH36912349C	3.24E-04	5.11E-02	0.00E+00	5.11E-02	0.00E+00	0.00E+00	3.35E-02	1.92E-08	1.52E-04	1.67E-03	0.00E+00	0.00E+00	9.00E-13	1.74E-11	1.25E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-06	1.80E-03	7.14E-01	0.00E+00	7.85E-11	2.64E-09	4.21E-04	1.28E-06	9.53E-04	0.00E+00	7.14E-01	2.02E-09	7.14E-01	7.15E-01	9.53E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
WH36912349Q	4.23E-04	6.67E-02	0.00E+00	6.67E-02	0.00E+00	0.00E+00	4.38E-02	2.51E-08	1.98E-04	2.18E-03	0.00E+00	0.00E+00	1.17E-12	2.27E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.91E-06	2.35E-03	9.32E-01	0.00E+00	1.02E-10	3.44E-09	5.49E-04	1.67E-06	1.24E-03	0.00E+00	9.32E-01	2.63E-09	9.32E-01	9.33E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
WH36912400C	3.13E-04	4.93E-02	0.00E+00	4.93E-02	0.00E+00	0.00E+00	3.23E-02	1.85E-08	1.47E-04	1.61E-03	0.00E+00	0.00E+00	8.68E-13	1.68E-11	1.20E-04	0.00E+00	0.00E+00	0.00E+00	4.37E-06	1.73E-03	6.89E-01	0.00E+00	7.57E-11	2.54E-09	4.06E-04	1.23E-06	9.19E-04	0.00E+00	6.89E-01	1.94E-09	6.89E-01	6.90E-01	9.19E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04
WH36912400Q	4.45E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.08E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.79E-01	0.00E+00	1.08E-10	3.62E-09	5.77E-04	1.76E-06	1.31E-03	0.00E+00	9.79E-01	2.76E-09	9.79E-01	9.81E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
WH36912403C	3.24E-04	5.11E-02	0.00E+00	5.11E-02	0.00E+00	0.00E+00	3.35E-02	1.92E-08	1.52E-04	1.67E-03	0.00E+00	0.00E+00	9.00E-13	1.74E-11	1.25E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-06	1.80E-03	7.14E-01	0.00E+00	7.85E-11	2.64E-09	4.21E-04	1.28E-06	9.53E-04	0.00E+00	7.14E-01	2.02E-09	7.14E-01	7.15E-01	9.53E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
WH36912403Q	4.21E-04	6.64E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.97E-04	2.16E-03	0.00E+00	0.00E+00	1.17E-12	2.26E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.33E-03	9.27E-01	0.00E+00	1.02E-10	3.42E-09	5.46E-04	1.66E-06	1.24E-03	0.00E+00	9.27E-01	2.62E-09	9.27E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
WH36912405C	3.13E-04	4.93E-02	0.00E+00	4.93E-02	0.00E+00	0.00E+00	3.23E-02	1.85E-08	1.47E-04	1.61E-03	0.00E+00	0.00E+00	8.68E-13	1.68E-11	1.20E-04	0.00E+00	0.00E+00	0.00E+00	4.37E-06	1.73E-03	6.89E-01	0.00E+00	7.57E-11	2.54E-09	4.06E-04	1.23E-06	9.19E-04	0.00E+00	6.89E-01	1.94E-09	6.89E-01	6.90E-01	9.19E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04
WH36912405Q	4.30E-04	6.79E-02	0.00E+00	6.79E-02	0.00E+00	0.00E+00	4.45E-02	2.55E-08	2.02E-04	2.21E-03	0.00E+00	0.00E+00	1.19E-12	2.31E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-06	2.39E-03	9.48E-01	0.00E+00	1.04E-10	3.50E-09	5.58E-04	1.70E-06	1.27E-03	0.00E+00	9.48E-01	2.68E-09	9.48E-01	9.49E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
WH36912449C	3.27E-04	5.15E-02	0.00E+00	5.15E-02	0.00E+00	0.00E+00	3.38E-02	1.93E-08	1.53E-04	1.68E-03	0.00E+00	0.00E+00	9.06E-13	1.75E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.56E-06	1.81E-03	7.19E-01	0.00E+00	7.90E-11	2.66E-09	4.23E-04	1.29E-06	9.60E-04	0.00E+00	7.19E-01	2.03E-09	7.19E-01	7.20E-01	9.60E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04
WH36912449Q	4.25E-04	6.70E-02	0.00E+00	6.70E-02	0.00E+00	0.00E+00	4.39E-02	2.52E-08	1.99E-04	2.18E-03	0.00E+00	0.00E+00	1.18E-12	2.28E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-06	2.35E-03	9.36E-01	0.00E+00	1.03E-10	3.45E-09	5.51E-04	1.68E-06	1.25E-03	0.00E+00	9.36E-01	2.64E-09	9.36E-01	9.37E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04
WH36912500C	3.72E-04	5.87E-02	0.00E+00	5.87E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-08	1.74E-04	1.91E-03	0.00E+00	0.00E+00	1.03E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.06E-03	8.20E-01	0.00E+00	9.01E-11	3.03E-09	4.83E-04	1.47E-06	1.09E-03	0.00E+00	8.20E-01	2.31E-09	8.20E-01	8.21E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
WH36912500Q	4.83E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.26E-04	2.48E-03	0.00E+00	0.00E+00	1.34E-12	2.59E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.68E-03	1.06E+00	0.00E+00	1.17E-10	3.93E-09	6.26E-04	1.91E-06	1.42E-03	0.00E+00	1.06E+00	3.00E-09	1.06E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
WH36912503C	3.63E-04	5.72E-02	0.00E+00	5.72E-02	0.00E+00	0.00E+00	3.75E-02	2.15E-08	1.70E-04	1.86E-03	0.00E+00	0.00E+00	1.01E-12	1.95E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.06E-06	2.01E-03	7.99E-01	0.00E+00	8.78E-11	2.95E-09	4.70E-04	1.43E-06	1.07E-03	0.00E+00	7.99E-01	2.25E-09	7.99E-01	8.00E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
WH36912503Q	4.59E-04	7.24E-02	0.00E+00	7.24E-02	0.00E+00	0.00E+00	4.75E-02	2.72E-08	2.15E-04	2.36E-03	0.00E+00	0.00E+00	1.27E-12	2.47E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.41E-06	2.55E-03	1.01E+00	0.00E+00	1.11E-10	3.73E-09	5.96E-04	1.81E-06	1.35E-03	0.00E+00	1.01E+00	2.85E-09	1.01E+00	1.01E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
WH36912505C	3.66E-04	5.78E-02	0.00E+00	5.78E-02	0.00E+00	0.00E+00	3.79E-02	2.17E-08	1.72E-04	1.88E-03	0.00E+00	0.00E+00	1.02E-12	1.97E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.12E-06	2.03E-03	8.07E-01	0.00E+00	8.87E-11	2.98E-09	4.75E-04	1.45E-06	1.08E-03	0.00E+00	8.07E-01	2.28E-09	8.07E-01	8.08E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-04
WH36912505Q	4.69E-04	7.39E-02	0.00E+00	7.39E-02	0.00E+00	0.00E+00	4.85E-02	2.78E-08	2.20E-04	2.41E-03	0.00E+00	0.00E+00	1.30E-12	2.52E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.60E-03	1.03E+00	0.00E+00	1.13E-10	3.81E-09	6.08E-04	1.85E-06	1.38E-03	0.00E+00	1.03E+00	2.91E-09	1.03E+00	1.03E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
WH36912549C	3.63E-04	5.73E-02	0.00E+00	5.73E-02	0.00E+00	0.00E+00	3.76E-02	2.15E-08	1.70E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.95E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.07E-06	2.01E-03	8.00E-01	0.00E+00	8.79E-11	2.95E-09	4.71E-04	1.43E-06	1.07E-03	0.00E+00	8.00E-01	2.26E-09	8.00E-01	8.01E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04
WH36912549Q	4.63E-04	7.30E-02	0.00E+00	7.30E-02	0.00E+00	0.00E+00	4.79E-02	2.74E-08	2.17E-04	2.38E-03	0.00E+00	0.00E+00	1.29E-12	2.49E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-06	2.57E-03	1.02E+00	0.00E+00	1.12E-10	3.76E-09	6.00E-04	1.83E-06	1.36E-03	0.00E+00	1.02E+00	2.88E-09	1.02E+00	1.02E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
WH36912600C	3.72E-04	5.87E-02	0.00E+00	5.87E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-08	1.74E-04	1.91E-03	0.00E+00	0.00E+00	1.03E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.19E-06	2.06E-03	8.19E-01	0.00E+00	9.01E-11	3.03E-09	4.83E-04	1.47E-06	1.09E-03	0.00E+00	8.19E-01	2.31E-09	8.19E-01	8.21E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
WH36912600Q	4.83E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.26E-04	2.48E-03	0.00E+00	0.00E+00	1.34E-12	2.59E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.68E-03	1.06E+00	0.00E+00	1.17E-10	3.93E-09	6.26E-04	1.91E-06	1.42E-03	0.00E+00	1.06E+00	3.00E-09	1.06E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04
WH36912603C	3.62E-04	5.71E-02	0.00E+00	5.71E-02	0.00E+00	0.00E+00	3.75E-02	2.15E-08	1.70E-04	1.86E-03	0.00E+00	0.00E+00	1.01E-12	1.95E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.06E-06	2.01E-03	7.98E-01	0.00E+00	8.77E-11	2.95E-09	4.70E-04	1.43E-06	1.07E-03	0.00E+00	7.98E-01	2.25E-09	7.98E-01	7.99E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
WH36912603Q	4.59E-04	7.24E-02	0.00E+00	7.24E-02	0.00E+00	0.00E+00	4.75E-02	2.72E-08	2.15E-04	2.36E-03	0.00E+00	0.00E+00	1.27E-12	2.46E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.41E-06	2.54E-03	1.01E+00	0.00E+00	1.11E-10	3.73E-09	5.95E-04	1.81E-06	1.35E-03	0.00E+00	1.01E+00	2.85E-09	1.01E+00	1.01E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
WH36912605C	3.13E-04	4.93E-02	0.00E+00	4.93E-02	0.00E+00	0.00E+00	3.23E-02	1.85E-08	1.47E-04	1.61E-03	0.00E+00	0.00E+00	8.68E-13	1.68E-11	1.20E-04	0.00E+00	0.00E+00	0.00E+00	4.37E-06	1.73E-03	6.89E-01	0.00E+00	7.57E-11	2.54E-09	4.06E-04	1.23E-06	9.19E-04	0.00E+00	6.89E-01	1.94E-09	6.89E-01	6.90E-01	9.19E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04
WH36912605Q	4.68E-04	7.39E-02	0.00E+00	7.39E-02	0.00E+00	0.00E+00	4.85E-02	2.77E-08	2.20E-04	2.41E-03	0.00E+00	0.00E+00	1.30E-12	2.51E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-06	2.60E-03	1.03E+00	0.00E+00	1.13E-10	3.81E-09	6.08E-04	1.85E-06	1.38E-03	0.00E+00	1.03E+00	2.91E-09	1.03E+00	1.03E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
WH36912649C	3.63E-04	5.73E-02	0.00E+00	5.73E-02	0.00E+00	0.00E+00	3.76E-02	2.15E-08	1.70E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.95E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.07E-06	2.01E-03	8.00E-01	0.00E+00	8.79E-11	2.95E-09	4.71E-04	1.43E-06	1.07E-03	0.00E+00	8.00E-01	2.26E-09	8.00E-01	8.01E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04
WH36912649Q	4.61E-04	7.27E-02	0.00E+00	7.27E-02	0.00E+00	0.00E+00	4.77E-02	2.73E-08	2.16E-04	2.37E-03	0.00E+00	0.00E+00	1.28E-12	2.48E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.44E-06	2.56E-03	1.02E+00	0.00E+00	1.12E-10	3.75E-09	5.98E-04	1.82E-06	1.36E-03	0.00E+00	1.02E+00	2.87E-09	1.02E+00	1.02E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
WH37580300D	4.42E-05	6.97E-03	0.00E+00	6.97E-03	0.00E+00	0.00E+00	4.57E-03	2.62E-09	2.07E-05	2.27E-04	0.00E+00	0.00E+00	1.23E-13	2.37E-12	1.70E-05	0.00E+00	0.00E+00	0.00E+00	6.17E-07	2.45E-04	9.74E-02	0.00E+00	1.07E-11	3.60E-10	5.74E-05	1.75E-07	1.30E-04	0.00E+00	9.74E-02	2.75E-10	9.74E-02	9.75E-02	1.30E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-05
WH37580300DM	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.17E-05	5.54E-04	0.00E+00	0.00E+00	3.21E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.57E-04	2.60E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.51E-04	0.00E+00	2.60E-01	7.13E-10	2.60E-01	2.60E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH37580305D	3.80E-05	5.99E-03	0.00E+00	5.99E-03	0.00E+00	0.00E+00	3.93E-03	2.25E-09	1.78E-05	1.95E-04	0.00E+00	0.00E+00	1.05E-13	2.04E-12	1.46E-05	0.00E+00	0.00E+00	0.00E+00	5.30E-07	2.10E-04	8.36E-02	0.00E+00	9.19E-12	3.09E-10	4.92E-05	1.50E-07	1.12E-04	0.00E+00	8.36E-02	2.36E-10	8.36E-02	8.38E-02	1.12E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-05
WH37580305DM	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.17E-05	5.54E-04	0.00E+00	0.00E+00	3.20E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.57E-04	2.60E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.51E-04	0.00E+00	2.60E-01	7.13E-10	2.60E-01	2.60E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05

WH37580306DM	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.17E-05	5.54E-04	0.00E+00	0.00E+00	3.20E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.57E-04	2.60E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.51E-04	0.00E+00	2.60E-01	7.13E-10	2.60E-01	2.60E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH37581400D	4.67E-05	6.90E-03	0.00E+00	6.90E-03	0.00E+00	0.00E+00	4.53E-03	2.59E-09	2.05E-05	2.25E-04	0.00E+00	0.00E+00	1.21E-13	2.35E-12	1.68E-05	0.00E+00	0.00E+00	0.00E+00	6.11E-07	2.43E-04	9.64E-02	0.00E+00	1.06E-11	3.56E-10	5.68E-05	1.73E-07	1.29E-04	0.00E+00	9.64E-02	2.72E-10	9.64E-02	9.66E-02	1.29E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-05
WH37581405D	3.62E-05	5.38E-03	4.57E-10	5.38E-03	2.05E-11	0.00E+00	3.51E-03	2.37E-09	1.20E-05	1.63E-04	0.00E+00	0.00E+00	9.00E-14	1.96E-12	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.51E-04	7.33E-02	0.00E+00	8.24E-12	2.12E-10	3.57E-05	1.47E-07	1.07E-04	0.00E+00	7.33E-02	2.62E-10	7.33E-02	7.37E-02	1.07E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05
WH37581406D	3.61E-05	5.43E-03	4.57E-10	5.43E-03	2.05E-11	0.00E+00	3.53E-03	2.36E-09	1.20E-05	1.67E-04	0.00E+00	0.00E+00	9.10E-14	1.95E-12	1.28E-05	0.00E+00	0.00E+00	0.00E+00	5.10E-07	2.51E-04	7.34E-02	0.00E+00	8.31E-12	2.12E-10	3.47E-05	1.48E-07	1.07E-04	0.00E+00	7.34E-02	2.60E-10	7.34E-02	7.41E-02	1.07E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05
WH37581411D	3.58E-05	5.13E-03	4.57E-10	5.15E-03	2.05E-11	0.00E+00	3.31E-03	1.67E-09	1.25E-05	1.75E-04	0.00E+00	0.00E+00	6.90E-14	1.98E-12	9.85E-06	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.32E-04	5.49E-02	0.00E+00	5.75E-12	2.25E-10	3.47E-05	1.06E-07	8.50E-05	0.00E+00	5.49E-02	1.92E-10	5.49E-02	5.75E-02	8.50E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05
WH37581429D	3.53E-05	5.13E-03	4.57E-10	5.14E-03	2.05E-11	0.00E+00	3.31E-03	1.87E-09	1.02E-05	1.64E-04	0.00E+00	0.00E+00	6.90E-14	1.98E-12	9.85E-06	0.00E+00	0.00E+00	0.00E+00	5.13E-07	2.51E-04	5.49E-02	0.00E+00	5.74E-12	1.90E-10	2.97E-05	1.07E-07	8.50E-05	0.00E+00	5.49E-02	1.91E-10	5.49E-02	5.73E-02	8.50E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05
WH375814E	1.83E-05	2.89E-03	0.00E+00	2.89E-03	0.00E+00	0.00E+00	1.89E-03	1.08E-09	8.58E-06	9.42E-05	0.00E+00	0.00E+00	5.10E-14	9.83E-13	7.04E-06	0.00E+00	0.00E+00	0.00E+00	2.56E-07	1.01E-04	4.03E-02	0.00E+00	4.43E-12	1.49E-10	2.38E-05	7.23E-08	5.38E-05	0.00E+00	4.03E-02	1.14E-10	4.03E-02	4.04E-02	5.38E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05
WH37583300D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.17E-05	5.54E-04	0.00E+00	0.00E+00	3.21E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.57E-04	2.60E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.51E-04	0.00E+00	2.60E-01	7.13E-10	2.60E-01	2.60E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH37583300DM	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.17E-05	5.54E-04	0.00E+00	0.00E+00	3.21E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.57E-04	2.60E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.51E-04	0.00E+00	2.60E-01	7.13E-10	2.60E-01	2.60E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH37583305D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.17E-05	5.54E-04	0.00E+00	0.00E+00	3.20E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.57E-04	2.60E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.51E-04	0.00E+00	2.60E-01	7.13E-10	2.60E-01	2.60E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH37583306D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.17E-05	5.54E-04	0.00E+00	0.00E+00	3.20E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.57E-04	2.60E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.51E-04	0.00E+00	2.60E-01	7.13E-10	2.60E-01	2.60E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH37585300D	4.40E-05	6.94E-03	0.00E+00	6.94E-03	0.00E+00	0.00E+00	4.55E-03	2.61E-09	2.06E-05	2.26E-04	0.00E+00	0.00E+00	1.22E-13	2.36E-12	1.69E-05	0.00E+00	0.00E+00	0.00E+00	6.14E-07	2.44E-04	9.69E-02	0.00E+00	1.07E-11	3.58E-10	5.71E-05	1.74E-07	1.29E-04	0.00E+00	9.69E-02	2.74E-10	9.69E-02	9.71E-02	1.29E-04	0.00E+00	0.00E+00	0.00E+00	2.64E-05
WH37585300DM	4.70E-05	7.41E-03	0.00E+00	7.41E-03	0.00E+00	0.00E+00	4.86E-03	2.78E-09	2.20E-05	2.42E-04	0.00E+00	0.00E+00	1.30E-13	2.52E-12	1.81E-05	0.00E+00	0.00E+00	0.00E+00	6.56E-07	2.61E-04	1.04E-01	0.00E+00	1.14E-11	3.82E-10	6.10E-05	1.86E-07	1.38E-04	0.00E+00	1.04E-01	2.92E-10	1.04E-01	1.04E-01	1.38E-04	0.00E+00	0.00E+00	0.00E+00	2.82E-05
WH37585305D	4.37E-05	6.89E-03	0.00E+00	6.89E-03	0.00E+00	0.00E+00	4.52E-03	2.59E-09	2.05E-05	2.25E-04	0.00E+00	0.00E+00	1.21E-13	2.34E-12	1.68E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-07	2.42E-04	9.62E-02	0.00E+00	1.06E-11	3.55E-10	5.66E-05	1.72E-07	1.28E-04	0.00E+00	9.62E-02	2.71E-10	9.62E-02	9.63E-02	1.28E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-05
WH37585305DM	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.17E-05	5.54E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.57E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.51E-04	0.00E+00	2.59E-01	7.13E-10	2.59E-01	2.60E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH37585306D	3.80E-05	5.99E-03	0.00E+00	5.99E-03	0.00E+00	0.00E+00	3.93E-03	2.25E-09	1.78E-05	1.95E-04	0.00E+00	0.00E+00	1.05E-13	2.04E-12	1.46E-05	0.00E+00	0.00E+00	0.00E+00	5.30E-07	2.10E-04	8.36E-02	0.00E+00	9.19E-12	3.09E-10	4.92E-05	1.50E-07	1.12E-04	0.00E+00	8.36E-02	2.36E-10	8.36E-02	8.38E-02	1.12E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-05
WH37585306DM	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.17E-05	5.54E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.57E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.51E-04	0.00E+00	2.59E-01	7.13E-10	2.59E-01	2.60E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH37586400D	4.40E-05	6.94E-03	0.00E+00	6.94E-03	0.00E+00	0.00E+00	4.55E-03	2.61E-09	2.06E-05	2.26E-04	0.00E+00	0.00E+00	1.22E-13	2.36E-12	1.69E-05	0.00E+00	0.00E+00	0.00E+00	6.14E-07	2.44E-04	9.69E-02	0.00E+00	1.07E-11	3.58E-10	5.71E-05	1.74E-07	1.29E-04	0.00E+00	9.69E-02	2.74E-10	9.69E-02	9.71E-02	1.29E-04	0.00E+00	0.00E+00	0.00E+00	2.64E-05
WH37586405D	4.64E-05	6.87E-03	0.00E+00	6.87E-03	0.00E+00	0.00E+00	4.51E-03	2.58E-09	2.04E-05	2.24E-04	0.00E+00	0.00E+00	1.21E-13	2.34E-12	1.68E-05	0.00E+00	0.00E+00	0.00E+00	6.08E-07	2.41E-04	9.60E-02	0.00E+00	1.05E-11	3.54E-10	5.65E-05	1.72E-07	1.28E-04	0.00E+00	9.60E-02	2.71E-10	9.60E-02	9.61E-02	1.28E-04	0.00E+00	0.00E+00	0.00E+00	2.61E-05
WH37586406D	4.64E-05	6.87E-03	0.00E+00	6.87E-03	0.00E+00	0.00E+00	4.51E-03	2.58E-09	2.04E-05	2.24E-04	0.00E+00	0.00E+00	1.21E-13	2.34E-12	1.68E-05	0.00E+00	0.00E+00	0.00E+00	6.08E-07	2.41E-04	9.60E-02	0.00E+00	1.05E-11	3.54E-10	5.65E-05	1.72E-07	1.28E-04	0.00E+00	9.60E-02	2.71E-10	9.60E-02	9.61E-02	1.28E-04	0.00E+00	0.00E+00	0.00E+00	2.61E-05
WH37586411D	3.49E-05	5.06E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.90E-09	1.03E-05	1.61E-04	0.00E+00	0.00E+00	6.80E-14	1.95E-12	9.62E-06	0.00E+00	0.00E+00	0.00E+00	5.09E-07	2.51E-04	5.45E-02	0.00E+00	5.70E-12	1.85E-10	2.82E-05	1.09E-07	8.45E-05	0.00E+00	5.45E-02	2.04E-10	5.45E-02	5.68E-02	8.45E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05
WH37586429D	3.50E-05	5.12E-03	4.57E-10	5.13E-03	2.05E-11	0.00E+00	3.31E-03	1.86E-09	1.01E-05	1.64E-04	0.00E+00	0.00E+00	6.90E-14	1.98E-12	9.77E-06	0.00E+00	0.00E+00	0.00E+00	5.13E-07	2.51E-04	5.47E-02	0.00E+00	5.70E-12	1.86E-10	2.94E-05	1.06E-07	8.50E-05	0.00E+00	5.47E-02	1.89E-10	5.47E-02	5.70E-02	8.50E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05
WH37588300D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.17E-05	5.54E-04	0.00E+00	0.00E+00	3.21E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.57E-04	2.60E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.51E-04	0.00E+00	2.60E-01	7.13E-10	2.60E-01	2.60E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH37588305D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.17E-05	5.54E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.57E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.51E-04	0.00E+00	2.59E-01	7.13E-10	2.59E-01	2.60E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH37588306D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.17E-05	5.54E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.57E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.51E-04	0.00E+00	2.59E-01	7.13E-10	2.59E-01	2.60E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
WH37590200D	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.78E-09	5.30E-05	5.79E-04	0.00E+00	0.00E+00	3.18E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.23E-04	2.50E-01	0.00E+00	2.75E-11	9.18E-10	1.47E-04	4.52E-07	3.37E-04	0.00E+00	2.50E-01	7.09E-10	2.50E-01	2.51E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05
WH37590205D	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.78E-09	5.30E-05	5.79E-04	0.00E+00	0.00E+00	3.18E-13	6.12E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.23E-04	2.49E-01	0.00E+00	2.75E-11	9.18E-10	1.47E-04	4.52E-07	3.37E-04	0.00E+00	2.49E-01	7.09E-10	2.49E-01	2.51E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05
WH37590206D	3.53E-05	5.07E-03	4.57E-10	5.08E-03	2.05E-11	0.00E+00	3.26E-03	1.70E-09	1.23E-05	1.70E-04	0.00E+00	0.00E+00	7.00E-14	1.98E-12	9.87E-06	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.33E-04	5.44E-02	0.00E+00	6.08E-12	2.24E-10	3.57E-05	1.12E-07	8.65E-05	0.00E+00	5.44E-02	1.81E-10	5.44E-02	5.71E-02	8.65E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH37593200D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.88E-04	9.11E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37593205D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.88E-04	9.11E-07	6.74E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.01E-01	6.74E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37595200D	8.23E-05	1.30E-02	0.00E+00	1.30E-02	0.00E+00	0.00E+00	8.51E-03	4.87E-09	3.86E-05	4.23E-04	0.00E+00	0.00E+00	2.28E-13	4.42E-12	3.16E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-06	4.56E-04	1.81E-01	0.00E+00	1.99E-11	6.69E-10	1.07E-04	3.25E-07	2.42E-04	0.00E+00	1.81E-01	5.11E-10	1.81E-01	1.81E-01	2.42E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-05
WH37595205D	3.44E-05	5.06E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.54E-09	9.89E-06	1.58E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	9.97E-06	0.00E+00	0.00E+00	0.00E+00	5.10E-07	2.52E-04	5.54E-02	0.00E+00	6.07E-12	1.88E-10	3.02E-05	1.13E-07	8.65E-05	0.00E+00	5.54E-02	1.81E-10	5.54E-02	5.67E-02	8.65E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05
WH37595206D	3.50E-05	5.06E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.70E-09	1.22E-05	1.69E-04	0.00E+00	0.00E+00	7.00E-14	1.98E-12	9.78E-06	0.00E+00	0.00E+00	0.00E+00	5.14E-07	2.33E-04	5.42E-02	0.00E+00	6.05E-12	2.22E-10	3.54E-05	1.11E-07	8.65E-05	0.00E+00	5.42E-02	1.79E-10	5.42E-02	5.68E-02	8.65E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05
WH37596200D	1.38E-04	2.14E-02	4.57E-10	2.13E-02	2.05E-11	0.00E+00	1.42E-02	8.27E-09	6.38E-05	6.99E-04	0.00E+00	0.00E+00	3.88E-13	7.45E-12	5.30E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.45E-04	3.03E-01	0.00E+00	3.40E-11	1.11E-09	1.77E-04	5.43E-07	3.99E-04	0.00E+00	3.03E-01	8.55E-10	3.03E-01	3.06E-01	3.99E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
WH37596205D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.83E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.88E-04	9.09E-07	6.74E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.01E-01	6.74E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37596206D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.27E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.28E-03	5.03E-01	0.00E+00	5.50E-11	1.85E-09	2.88E-04	9.09E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37620300D	7.78E-05	1.23E-02	0.00E+00	1.23E-02	0.00E+00	0.00E+00	8.05E-03	4.61E-09	3.65E-05	4.00E-04	0.00E+00	0.00E+00	2.16E-13	4.18E-12	2.99E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-06	4.31E-04	1.71E-01	0.00E+00	1.88E-11	6.33E-10	1.01E-04	3.07E-07	2.29E-04	0.00E+00	1.71E-01	4.84E-10	1.71E-01	1.72E-01	2.29E-04	0.00E+00	0.00E+00	0.00E+00	4.67E-05
WH37620305D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.60E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37620306D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.60E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37620700D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.14E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.60E-01	0.00E+00	2.77E-11	9.05E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.60E-01	7.14E-10	2.60E-01	2.60E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37623300D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.14E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.60E-01	0.00E+00	2.77E-11	9.05E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.60E-01	7.14E-10	2.60E-01	2.60E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37623305D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.60E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37625300D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.60E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.60E-01	7.13E-10	2.60E-01	2.60E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37625305D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.52E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.60E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37625306D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.52E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.60E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37625700D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.60E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.60E-01	7.13E-10	2.60E-01	2.60E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37628306D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.52E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.60E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37629000D	3.12E-04	4.92E-02	0.00E+00	4.92E-02	0.00E+00	0.00E+00	3.23E-02	1.85E-08	1.46E-04	1.60E-03	0.00E+00	0.00E+00	8.66E-13	1.67E-11	1.20E-04	0.00E+00	0.00E+00	0.00E+00	4.36E-06	1.73E-03	6.87E-01	0.00E+00	7.55E-11	2.54E-09	4.05E-04	1.23E-06	9.17E-04	0.00E+00	6.87E-01	1.94E-09	6.87E-01	6.88E-01	9.17E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-04
WH37629100D	3.72E-04	5.87E-02	0.00E+00	5.87E-02	0.00E+00	0.00E+00	3.85E-02	2.21E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.03E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.06E-03	8.21E-01	0.00E+00	9.02E-11	3.03E-09	4.83E-04	1.47E-06	1.09E-03	0.00E+00	8.21E-01	2.32E-09	8.21E-01	8.22E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
WH37640300D	8.94E-05	1.41E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	9.25E-03	5.30E-09	4.19E-05	4.60E-04	0.00E+00	0.00E+00	2.48E-13	4.80E-12	3.44E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.96E-04	1.97E-01	0.00E+00	2.16E-11	7.27E-10	1.16E-04	3.53E-07	2.63E-04	0.00E+00	1.97E-01	5.56E-10	1.97E-01	1.97E-01	2.63E-04	0.00E+00	0.00E+00	0.00E+00	5.36E-05
WH37640305D	8.15E-05	1.29E-02	0.00E+00	1.29E-02	0.00E+00	0.00E+00	8.43E-03	4.83E-09	3.82E-05	4.19E-04	0.00E+00	0.00E+00	2.26E-13	4.38E-12	3.14E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-06	4.52E-04	1.80E-01	0.00E+00	1.97E-11	6.63E-10	1.06E-04	3.22E-07	2.40E-04	0.00E+00	1.80E-01	5.07E-10	1.80E-01	1.80E-01	2.40E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-05
WH37640306D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.59E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37640700D	8.35E-05	1.32E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	8.63E-03	4.94E-09	3.91E-05	4.29E-04	0.00E+00	0.00E+00	2.32E-13	4.48E-12	3.21E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-06	4.63E-04	1.84E-01	0.00E+00	2.02E-11	6.79E-10	1.08E-04	3.30E-07	2.45E-04	0.00E+00	1.84E-01	5.19E-10	1.84E-01	1.84E-01	2.45E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-05
WH37640705D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.14E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.05E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.59E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37643300D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.21E-02	6.81E-09	5.14E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.05E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.59E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37643306D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.59E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-05
WH37645300D	8.86E-05	1.40E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	9.16E-03	5.25E-09	4.15E-05	4.55E-04	0.00E+00	0.00E+00	2.46E-13	4.76E-12	3.41E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-06	4.91E-04	1.95E-01	0.00E+00	2.14E-11	7.20E-10	1.15E-04	3.50E-07	2.60E-04	0.00E+00	1.95E-01	5.51E-10	1.95E-01	1.95E-01	2.60E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-05
WH37645305D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.52E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.59E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37645306D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.52E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.59E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37645700D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.81E-09	5.14E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.56E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.60E-01	0.00E+00	2.77E-11	9.05E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.60E-01	7.14E-10	2.60E-01	2.59E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37645705D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.52E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.59E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37648300D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.21E-02	6.81E-09	5.14E-05	5.53E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.05E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.59E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
WH37648305D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.52E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.59E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-05
WH37648306D	1.14E-04	1.80E-02	4.57E-10	1.80E-02	2.05E-11	0.00E+00	1.22E-02	6.80E-09	5.17E-05	5.52E-04	0.00E+00	0.00E+00	3.20E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.56E-04	2.59E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.58E-07	3.50E-04	0.00E+00	2.59E-01	7.14E-10	2.59E-01	2.59E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-05
WH37649000D	2.95E-04	4.65E-02	0.00E+00	4.65E-02	0.00E+00	0.00E+00	3.05E-02	1.75E-08	1.38E-04	1.52E-03	0.00E+00	0.00E+00	8.18E-13	1.58E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.12E-06	1.63E-03	6.49E-01	0.00E+00	7.14E-11	2.40E-09	3.82E-04	1.16E-06	8.67E-04	0.00E+00	6.49E-01	1.83E-09	6.49E-01	6.50E-01	8.67E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
WH37649100D	3.79E-04	5.98E-02	0.00E+00	5.98E-02	0.00E+00	0.00E+00	3.92E-02	2.25E-08	1.78E-04	1.95E-03	0.00E+00	0.00E+00	1.05E-12	2.04E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.29E-06	2.10E-03	8.35E-01	0.00E+00	9.18E-11	3.08E-09	4.92E-04	1.50E-06	1.11E-03	0.00E+00	8.35E-01	2.36E-09	8.35E-01	8.36E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.27E-04
WH37660205D	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.78E-09	5.28E-05	5.78E-04	0.00E+00	0.00E+00	3.18E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.24E-04	2.49E-01	0.00E+00	2.75E-11	9.15E-10	1.47E-04	4.52E-07	3.38E-04	0.00E+00	2.49E-01	7.09E-10	2.49E-01	2.51E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05
WH37660590D	5.46E-04	8.61E-02	0.00E+00	8.61E-02	0.00E+00	0.00E+00	5.65E-02	3.23E-08	2.56E-04	2.81E-03	0.00E+00	0.00E+00	1.52E-12	2.93E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-06	3.03E-03	1.20E+00	0.00E+00	1.32E-10	4.44E-09	7.08E-04	2.16E-06	1.61E-03	0.00E+00	1.20E+00	3.39E-09	1.20E+00	1.20E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
WH37660900D	1.96E-04	3.10E-02	0.00E+00	3.10E-02	0.00E+00	0.00E+00	2.03E-02	1.16E-08	9.21E-05	1.01E-03	0.00E+00	0.00E+00	5.45E-13	1.05E-11	7.56E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	1.09E-03	4.33E-01	0.00E+00	4.76E-11	1.60E-09	2.55E-04	7.76E-07	5.78E-04	0.00E+00	4.33E-01	1.22E-09	4.33E-01	4.33E-01	5.78E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
WH37661000D	1.01E-04	1.50E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	9.82E-03	5.62E-09	4.45E-05	4.88E-04	0.00E+00	0.00E+00	2.63E-13	5.10E-12	3.65E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.26E-04	2.09E-01	0.00E+00	2.30E-11	7.72E-10	1.23E-04	3.75E-07	2.79E-04	0.00E+00	2.09E-01	5.90E-10	2.09E-01	2.09E-01	2.79E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-05
WH37661005D	4.81E-04	7.56E-02	4.57E-10	7.53E-02	2.05E-11	0.00E+00	5.03E-02	2.87E-08	2.06E-04	2.24E-03	0.00E+00	0.00E+00	1.34E-12	2.69E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-06	2.63E-03	1.13E+00	0.00E+00	1.16E-10	3.46E-09	5.65E-04	1.82E-06	1.39E-03	0.00E+00	1.13E+00	3.18E-09	1.13E+00	1.12E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
WH37661006D	9.89E-05	1.56E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	1.02E-02	5.86E-09	4.63E-05	5.08E-04	0.00E+00	0.00E+00	2.74E-13	5.31E-12	3.80E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.48E-04	2.18E-01	0.00E+00	2.39E-11	8.04E-10	1.28E-04	3.90E-07	2.91E-04	0.00E+00	2.18E-01	6.15E-10	2.18E-01	2.18E-01	2.91E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-05
WH37682100D	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.78E-09	5.30E-05	5.79E-04	0.00E+00	0.00E+00	3.18E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.23E-04	2.49E-01	0.00E+00	2.75E-11	9.18E-10	1.47E-04	4.50E-07	3.37E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.51E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05
WH37682200D	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.78E-09	5.30E-05	5.79E-04	0.00E+00	0.00E+00	3.18E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.23E-04	2.49E-01	0.00E+00	2.75E-11	9.18E-10	1.47E-04	4.50E-07	3.37E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.51E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05
WH37682300D	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.78E-09	5.30E-05	5.79E-04	0.00E+00	0.00E+00	3.18E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.23E-04	2.49E-01	0.00E+00	2.75E-11	9.18E-10	1.47E-04	4.50E-07	3.37E-04	0.00E+00	2.49E-01	7.08E-10	2.49E-01	2.51E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05
WH37682400D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.26E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.90E-04	9.13E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37682500D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.26E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.90E-04	9.13E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37682600D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.26E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.90E-04	9.13E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37683100D	2.27E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.50E-11	1.85E-09	2.90E-04	9.13E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37683106D	2.27E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.50E-11	1.85E-09	2.90E-04	9.13E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37683200D	2.27E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.50E-11	1.85E-09	2.90E-04	9.13E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37683205D	2.27E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.50E-11	1.85E-09	2.90E-04	9.13E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37683206D	2.27E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.50E-11	1.85E-09	2.90E-04	9.13E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37683300D	2.27E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.50E-11	1.85E-09	2.90E-04	9.13E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37683305D	2.27E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.50E-11	1.85E-09	2.90E-04	9.13E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04

WH37683306D	2.27E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.50E-11	1.85E-09	2.90E-04	9.13E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37683400D	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.74E-09	5.29E-05	5.72E-04	0.00E+00	0.00E+00	3.16E-13	6.10E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.17E-04	2.48E-01	0.00E+00	2.75E-11	9.16E-10	1.45E-04	4.48E-07	3.37E-04	0.00E+00	2.48E-01	7.03E-10	2.48E-01	2.50E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
WH37683406D	2.27E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.50E-11	1.85E-09	2.90E-04	9.13E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37683500D	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.74E-09	5.29E-05	5.72E-04	0.00E+00	0.00E+00	3.16E-13	6.10E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.17E-04	2.48E-01	0.00E+00	2.75E-11	9.16E-10	1.45E-04	4.48E-07	3.37E-04	0.00E+00	2.48E-01	7.03E-10	2.48E-01	2.50E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
WH37683506D	2.27E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.50E-11	1.85E-09	2.90E-04	9.13E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37683600D	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.74E-09	5.29E-05	5.72E-04	0.00E+00	0.00E+00	3.16E-13	6.10E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.17E-04	2.48E-01	0.00E+00	2.75E-11	9.16E-10	1.45E-04	4.48E-07	3.37E-04	0.00E+00	2.48E-01	7.03E-10	2.48E-01	2.50E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
WH37683606D	2.27E-04	3.58E-02	4.57E-10	3.56E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.50E-11	1.85E-09	2.90E-04	9.13E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37685300D	1.14E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.77E-09	5.13E-05	5.48E-04	0.00E+00	0.00E+00	3.19E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.51E-04	2.59E-01	0.00E+00	2.77E-11	9.02E-10	1.43E-04	4.56E-07	3.51E-04	0.00E+00	2.59E-01	7.08E-10	2.59E-01	2.59E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-05
WH37685400D	1.14E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.77E-09	5.13E-05	5.48E-04	0.00E+00	0.00E+00	3.19E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.51E-04	2.59E-01	0.00E+00	2.77E-11	9.02E-10	1.43E-04	4.56E-07	3.51E-04	0.00E+00	2.59E-01	7.08E-10	2.59E-01	2.59E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-05
WH37685500D	1.14E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.21E-02	6.77E-09	5.13E-05	5.48E-04	0.00E+00	0.00E+00	3.19E-13	6.55E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.51E-04	2.59E-01	0.00E+00	2.77E-11	9.02E-10	1.43E-04	4.56E-07	3.51E-04	0.00E+00	2.59E-01	7.08E-10	2.59E-01	2.59E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-05
WH37687000D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.89E-04	9.12E-07	6.75E-04	0.00E+00	5.03E-01	1.43E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37687100D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.89E-04	9.12E-07	6.75E-04	0.00E+00	5.03E-01	1.43E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37687200D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.89E-04	9.12E-07	6.75E-04	0.00E+00	5.03E-01	1.43E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37687300D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.26E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.89E-04	9.12E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37687305D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.26E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.90E-04	9.12E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37687400D	2.11E-04	3.33E-02	0.00E+00	3.33E-02	0.00E+00	0.00E+00	2.18E-02	1.25E-08	9.89E-05	1.09E-03	0.00E+00	0.00E+00	5.86E-13	1.13E-11	8.12E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-06	1.17E-03	4.65E-01	0.00E+00	5.11E-11	1.72E-09	2.74E-04	8.33E-07	6.20E-04	0.00E+00	4.65E-01	1.31E-09	4.65E-01	4.66E-01	6.20E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
WH37687405D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.26E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.90E-04	9.12E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37687500D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.26E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.89E-04	9.12E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37687505D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.26E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.90E-04	9.12E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37687506D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.31E-13	1.26E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.90E-04	9.12E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37687600D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.89E-04	9.12E-07	6.75E-04	0.00E+00	5.03E-01	1.43E-09	5.03E-01	5.01E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37687605D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.29E-13	1.26E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.90E-04	9.12E-07	6.75E-04	0.00E+00	5.03E-01	1.43E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37687700D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.31E-03	5.04E-01	0.00E+00	5.52E-11	1.86E-09	2.88E-04	9.15E-07	6.78E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.06E-01	6.78E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37687800D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.31E-03	5.04E-01	0.00E+00	5.52E-11	1.86E-09	2.88E-04	9.15E-07	6.78E-04	0.00E+00	5.04E-01	1.44E-09	5.04E-01	5.06E-01	6.78E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH37693300D	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.78E-09	5.28E-05	5.78E-04	0.00E+00	0.00E+00	3.19E-13	6.12E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.23E-04	2.49E-01	0.00E+00	2.75E-11	9.15E-10	1.47E-04	4.52E-07	3.37E-04	0.00E+00	2.49E-01	7.10E-10	2.49E-01	2.51E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05
WH37693400D	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.74E-09	5.27E-05	5.72E-04	0.00E+00	0.00E+00	3.17E-13	6.10E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.18E-04	2.48E-01	0.00E+00	2.75E-11	9.13E-10	1.45E-04	4.50E-07	3.37E-04	0.00E+00	2.48E-01	7.04E-10	2.48E-01	2.49E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
WH37732100D	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.28E-05	5.76E-04	0.00E+00	0.00E+00	3.17E-13	6.12E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.22E-04	2.48E-01	0.00E+00	2.75E-11	9.15E-10	1.46E-04	4.50E-07	3.37E-04	0.00E+00	2.48E-01	7.08E-10	2.48E-01	2.50E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-05
WH37732200D	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.28E-05	5.76E-04	0.00E+00	0.00E+00	3.17E-13	6.12E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.22E-04	2.48E-01	0.00E+00	2.75E-11	9.15E-10	1.46E-04	4.50E-07	3.37E-04	0.00E+00	2.48E-01	7.08E-10	2.48E-01	2.50E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-05
WH37732300D	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.28E-05	5.76E-04	0.00E+00	0.00E+00	3.17E-13	6.12E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.22E-04	2.48E-01	0.00E+00	2.75E-11	9.15E-10	1.46E-04	4.50E-07	3.37E-04	0.00E+00	2.48E-01	7.08E-10	2.48E-01	2.50E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-05
WH37733100D	1.16E-04	1.78E-02	4.57E-10	1.78E-02	2.05E-11	0.00E+00	1.18E-02	6.77E-09	5.28E-05	5.76E-04	0.00E+00	0.00E+00	3.17E-13	6.12E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.22E-04	2.48E-01	0.00E+00	2.75E-11	9.15E-10	1.46E-04	4.50E-07	3.37E-04	0.00E+00	2.48E-01	7.08E-10	2.48E-01	2.50E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-05
WH37733200D	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.73E-09	5.27E-05	5.70E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.17E-04	2.47E-01	0.00E+00	2.75E-11	9.13E-10	1.45E-04	4.48E-07	3.36E-04	0.00E+00	2.47E-01	7.03E-10	2.47E-01	2.48E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
WH37733300D	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.73E-09	5.27E-05	5.70E-04	0.00E+00	0.00E+00	3.16E-13	6.11E-12	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.17E-04	2.47E-01	0.00E+00	2.75E-11	9.13E-10	1.45E-04	4.48E-07	3.36E-04	0.00E+00	2.47E-01	7.03E-10	2.47E-01	2.48E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05
WH37893400D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.41E-02	1.42E-08	1.03E-04	1.10E-03	0.00E+00	0.00E+00	6.33E-13	1.27E-11	8.89E-05	0.00E+00	0.00E+00	0.00E+00	3.28E-06	1.28E-03	5.05E-01	0.00E+00	5.50E-11	1.82E-09	2.89E-04	9.11E-07	6.75E-04	0.00E+00	5.05E-01	1.44E-09	5.05E-01	5.00E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
WH385703E	2.30E-04	5.12E-02	4.57E-10	5.11E-02	2.05E-11	0.00E+00	3.34E-02	1.99E-08	1.24E-04	1.07E-03	0.00E+00	0.00E+00	9.21E-13	1.86E-11	1.25E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-06	1.85E-03	7.82E-01	0.00E+00	7.85E-11	2.30E-09	3.34E-04	1.31E-06	9.69E-04	0.00E+00	7.82E-01	2.17E-09	7.82E-01	7.69E-01	9.69E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH38585300D	7.40E-05	1.17E-02	4.57E-10	1.18E-02	2.05E-11	0.00E+00	7.63E-03	5.29E-09	3.45E-05	3.82E-04	0.00E+00	0.00E+00	2.06E-13	3.92E-12	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-06	4.21E-04	1.66E-01	0.00E+00	1.77E-11	6.05E-10	9.65E-05	2.94E-07	2.18E-04	0.00E+00	1.66E-01	5.98E-10	1.66E-01	1.66E-01	2.18E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-05
WH38585305D	9.37E-06	5.94E-03	2.43E-08	5.94E-03	8.98E-09	0.00E+00	1.73E-01	2.22E-08	1.70E-06	1.87E-05	0.00E+00	2.48E-05	1.16E-12	2.22E-11	2.10E-04	2.54E-05	0.00E+00	0.00E+00	4.98E-06	5.51E-04	1.05E-01	0.00E+00	7.20E-11	8.04E-11	6.03E-06	4.36E-07	3.32E-04	0.00E+00	1.05E-01	2.12E-09	1.05E-01	1.06E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-04
WH38585306D	7.41E-05	1.17E-02	4.57E-10	1.18E-02	2.05E-11	0.00E+00	7.63E-03	5.47E-09	3.45E-05	3.82E-04	0.00E+00	0.00E+00	2.06E-13	3.92E-12	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-06	4.21E-04	1.66E-01	0.00E+00	1.77E-11	6.06E-10	9.66E-05	2.94E-07	2.18E-04	0.00E+00	1.66E-01	5.99E-10	1.66E-01	1.66E-01	2.18E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-05
WH38750400Z	1.70E-04	2.73E-02	4.57E-10	2.72E-02	2.05E-11	0.00E+00	1.76E-02	1.00E-08	7.64E-05	8.24E-04	0.00E+00	0.00E+00	4.73E-13	9.44E-12	6.56E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	1.02E-03	3.80E-01	0.00E+00	4.05E-11	1.29E-09	2.18E-04	6.83E-07	5.09E-04	0.00E+00	3.80E-01	1.05E-09	3.80E-01	3.86E-01	5.09E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04
WH39620300D	6.75E-05	1.06E-02	0.00E+00	1.06E-02	0.00E+00	0.00E+00	6.98E-03	4.00E-09	3.16E-05	3.47E-04	0.00E+00	0.00E+00	1.87E-13	3.62E-12	2.59E-05	0.00E+00	0.00E+00	0.00E+00	9.42E-07	3.74E-04	1.49E-01	0.00E+00	1.63E-11	5.49E-10	8.75E-05	2.66E-07	1.98E-04	0.00E+00	1.49E-01	4.19E-10	1.49E-01	1.49E-01	1.98E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-05
WH39620305D	2.27E-04	3.58E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.40E-02	1.42E-08	1.04E-04	1.10E-03	0.00E+00	0.00E+00	6.30E-13	1.26E-11	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.28E-03	5.03E-01	0.00E+00	5.51E-11	1.85E-09	2.88E-04	9.11E-07	6.75E-04	0.00E+00	5.03E-01	1.44E-09	5.03E-01	5.02E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
WH39620400D	6.34E-05	9.99E-03	0.00E+00	9.99E-03	0.00E+00	0.00E+00	6.56E-03	3.75E-09	2.97E-05	3.26E-04	0.00E+00	0.00E+00	1.76E-13	3.40E-12	2.44E-05	0.00E+00	0.00E+00	0.00E+00	8.85E-07	3.51E-04	1.40E-01	0.00E+00	1.53E-11	5.15E-10	8.22E-05	2.50E-07	1.86E-04	0.00E+00	1.40E-01	3.94E-10	1.40E-01	1.40E-01	1.86E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-05
WHDY11580100C	8.21E-05	1.29E-02	0.00E+00	1.29E-02	0.00E+00	0.00E+00	8.49E-03	4.86E-09	3.85E-05	4.22E-04	0.00E+00	0.00E+00	2.28E-13	4.41E-12	3.16E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-06	4.55E-04	1.81E-01	0.00E+00	1.99E-11	6.68E-10	1.07E-04	3.24E-07	2.41E-04	0.00E+00	1.81E-01	5.11E-10	1.81E-01	1.81E-01	2.41E-04	0.00E+00	0.00E+00	0.00E+00	4.92E-05
WHDY11592200C	3.51E-05	5.07E-03	4.57E-10	5.07E-03	2.05E-11	0.00E+00	3.26E-03	1.54E-09	1.06E-05	1.66E-04	0.00E+00	0.00E+00	7.10E-14	1.96E-12	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-07	2.52E-04	5.59E-02	0.00E+00	6.14E-12	1.91E-10	3.06E-05	1.13E-07	8.87E-05	0.00E+00	5.59E-02	1.85E-10	5.59E-02	5.70E-02	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05
WHDY11640100C	1.20E-04	1.90E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.24E-02	7.12E-09	5.64E-05	6.18E-04	0.00E+00	0.00E+00	3.34E-13	6.46E-12	4.62E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.67E-04	2.65E-01	0.00E+00	2.91E-11	9.78E-10	1.56E-04	4.75E-07	3.53E-04	0.00E+00	2.65E-01	7.48E-10	2.65E-01	2.65E-01	3.53E-04	0.00E+00	0.00E+00	0.00E+00	7.21E-05
WHDY14580100Q	1.78E-04	2.80E-02	0.00E+00	2.80E-02	0.00E+00	0.00E+00	1.84E-02	1.05E-08	8.32E-05	9.13E-04	0.00E+00	0.00E+00	4.93E-13	9.53E-12	6.83E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	9.84E-04	3.91E-01	0.00E+00	4.30E-11	1.44E-09	2.30E-04	7.01E-07	5.22E-04	0.00E+00	3.91E-01	1.10E-09	3.91E-01	3.92E-01	5.22E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04
WHDY14585400Q	2.13E-04	5.19E-02	4.57E-10	5.13E-02	2.05E-11	0.00E+00	3.45E-02	2.00E-08	1.18E-04	1.02E-03	0.00E+00	0.00E+00	9.79E-13	2.04E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.84E-06	1.85E-03	7.95E-01	0.00E+00	8.28E-11	2.21E-09	3.25E-04	1.31E-06	9.70E-04	0.00E+00	7.95E-01	2.26E-09	7.95E-01	7.75E-01	9.70E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
WHDY14592200Q	2.13E-04	5.19E-02	4.57E-10	5.13E-02	2.05E-11	0.00E+00	3.45E-02	2.00E-08	1.18E-04	1.02E-03	0.00E+00	0.00E+00	9.79E-13	2.04E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.84E-06	1.85E-03	7.95E-01	0.00E+00	8.28E-11	2.21E-09	3.25E-04	1.31E-06	9.70E-04	0.00E+00	7.95E-01	2.26E-09	7.95E-01	7.75E-01	9.70E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
WHDY14595200Q	2.13E-04	5.19E-02	4.57E-10	5.13E-02	2.05E-11	0.00E+00	3.45E-02	2.00E-08	1.18E-04	1.02E-03	0.00E+00	0.00E+00	9.79E-13	2.04E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.84E-06	1.85E-03	7.95E-01	0.00E+00	8.28E-11	2.21E-09	3.25E-04	1.31E-06	9.70E-04	0.00E+00	7.95E-01	2.26E-09	7.95E-01	7.75E-01	9.70E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
WHDY14640500Q	2.12E-04	3.34E-02	0.00E+00	3.34E-02	0.00E+00	0.00E+00	2.19E-02	1.26E-08	9.94E-05	1.09E-03	0.00E+00	0.00E+00	5.88E-13	1.14E-11	8.15E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	1.17E-03	4.67E-01	0.00E+00	5.13E-11	1.72E-09	2.75E-04	8.37E-07	6.23E-04	0.00E+00	4.67E-01	1.32E-09	4.67E-01	4.68E-01	6.23E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
WHDY23580100Q	1.75E-04	2.76E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.81E-02	1.03E-08	8.19E-05	8.98E-04	0.00E+00	0.00E+00	4.85E-13	9.38E-12	6.72E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	9.68E-04	3.85E-01	0.00E+00	4.23E-11	1.42E-09	2.27E-04	6.90E-07	5.14E-04	0.00E+00	3.85E-01	1.09E-09	3.85E-01	3.85E-01	5.14E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04
WHDY23595200Q	2.18E-04	5.19E-02	4.57E-10	5.13E-02	2.05E-11	0.00E+00	3.44E-02	2.00E-08	1.21E-04	1.06E-03	0.00E+00	0.00E+00	9.77E-13	2.04E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-06	1.83E-03	7.94E-01	0.00E+00	8.24E-11	2.24E-09	3.40E-04	1.30E-06	9.70E-04	0.00E+00	7.94E-01	2.26E-09	7.94E-01	7.74E-01	9.70E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04
WHDY23620100Q	2.07E-04	3.26E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	2.14E-02	1.22E-08	9.68E-05	1.06E-03	0.00E+00	0.00E+00	5.73E-13	1.11E-11	7.95E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	1.15E-03	4.55E-01	0.00E+00	5.00E-11	1.68E-09	2.68E-04	8.16E-07	6.07E-04	0.00E+00	4.55E-01	1.28E-09	4.55E-01	4.56E-01	6.07E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
WHDY23640100Q	2.15E-04	3.38E-02	0.00E+00	3.38E-02	0.00E+00	0.00E+00	2.22E-02	1.27E-08	1.01E-04	1.10E-03	0.00E+00	0.00E+00	5.96E-13	1.15E-11	8.25E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-06	1.19E-03	4.73E-01	0.00E+00	5.19E-11	1.75E-09	2.78E-04	8.47E-07	6.31E-04	0.00E+00	4.73E-01	1.33E-09	4.73E-01	4.73E-01	6.31E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
WJA100B	5.43E-05	8.56E-03	0.00E+00	8.56E-03	0.00E+00	0.00E+00	5.62E-03	3.22E-09	2.55E-05	2.79E-04	0.00E+00	0.00E+00	1.51E-13	2.92E-12	2.09E-05	0.00E+00	0.00E+00	0.00E+00	7.58E-07	3.01E-04	1.20E-01	0.00E+00	1.31E-11	4.42E-10	7.04E-05	2.14E-07	1.60E-04	0.00E+00	1.20E-01	3.38E-10	1.20E-01	1.20E-01	1.60E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-05
WJA102B	4.48E-05	7.15E-03	4.57E-10	7.13E-03	2.05E-11	0.00E+00	1.91E-02	7.36E-09	2.15E-05	2.29E-04	0.00E+00	0.00E+00	1.93E-13	3.22E-12	2.16E-05	0.00E+00	0.00E+00	0.00E+00	8.00E-07	2.48E-04	1.01E-01	0.00E+00	1.39E-11	4.29E-10	6.00E-05	1.83E-07	1.41E-04	0.00E+00	1.01E-01	3.33E-10	1.01E-01	1.01E-01	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.98E-05
WJA122B	1.15E-04	2.06E-02	4.57E-10	2.06E-02	2.05E-11	0.00E+00	2.82E-02	1.06E-08	5.35E-05	4.82E-04	0.00E+00	0.00E+00	4.32E-13	8.20E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	7.34E-04	2.94E-01	0.00E+00	3.17E-11	1.00E-09	1.48E-04	5.35E-07	4.01E-04	0.00E+00	2.94E-01	9.25E-10	2.94E-01	2.97E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-05
WJA160B	5.68E-05	8.65E-03	4.57E-10	8.68E-03	2.05E-11	0.00E+00	5.53E-03	3.20E-09	2.64E-05	2.87E-04	0.00E+00	0.00E+00	1.74E-13	2.94E-12	2.17E-05	0.00E+00	0.00E+00	0.00E+00	7.70E-07	3.06E-04	1.20E-01	0.00E+00	1.43E-11	4.41E-10	7.02E-05	2.14E-07	1.64E-04	0.00E+00	1.20E-01	3.36E-10	1.20E-01	1.21E-01	1.64E-04	0.00E+00	0.00E+00	0.00E+00	3.28E-05
WJC100B	1.04E-04	1.64E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	1.07E-02	6.15E-09	4.87E-05	5.34E-04	0.00E+00	0.00E+00	2.88E-13	5.58E-12	4.00E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-06	5.76E-04	2.29E-01	0.00E+00	2.52E-11	8.45E-10	1.35E-04	4.10E-07	3.05E-04	0.00E+00	2.29E-01	6.46E-10	2.29E-01	2.29E-01	3.05E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-05
WJC102B	8.68E-05	1.42E-02	4.57E-10	1.42E-02	2.05E-11	0.00E+00	2.38E-02	8.64E-09	4.14E-05	3.87E-04	0.00E+00	0.00E+00	3.37E-13	5.93E-12	3.81E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-06	4.97E-04	1.97E-01	0.00E+00	2.43E-11	7.80E-10	1.11E-04	3.57E-07	2.69E-04	0.00E+00	1.97E-01	5.99E-10	1.97E-01	1.97E-01	2.69E-04	0.00E+00	0.00E+00	0.00E+00	5.63E-05
WJC122B	1.84E-04	3.13E-02	4.57E-10	3.11E-02	2.05E-11	0.00E+00	3.05E-02	1.37E-08	6.53E-05	7.47E-04	0.00E+00	0.00E+00	6.44E-13	1.12E-11	7.97E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.10E-03	4.34E-01	0.00E+00	4.87E-11	1.25E-09	2.05E-04	1.52E-06	9.83E-04	0.00E+00	4.34E-01	1.32E-09	4.34E-01	4.35E-01	9.83E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
WJC132B	1.81E-04	2.85E-02	4.57E-10	2.84E-02	2.05E-11	0.00E+00	2.87E-02	1.29E-08	7.10E-05	7.77E-04	0.00E+00	0.00E+00	5.85E-13	1.04E-11	7.27E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	1.03E-03	3.95E-01	0.00E+00	4.57E-11	1.33E-09	2.01E-04	1.51E-06	9.70E-04	0.00E+00	3.95E-01	1.21E-09	3.95E-01	4.00E-01	9.70E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
WJC142B	1.65E-04	2.64E-02	4.57E-10	2.63E-02	2.05E-11	0.00E+00	2.73E-02	1.20E-08	6.81E-05	7.22E-04	0.00E+00	0.00E+00	5.44E-13	9.61E-12	6.79E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	9.55E-04	3.71E-01	0.00E+00	4.36E-11	1.27E-09	1.93E-04	1.49E-06	9.57E-04	0.00E+00	3.71E-01	1.13E-09	3.71E-01	3.74E-01	9.57E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
WJC157B	6.47E-05	1.02E-02	4.57E-10	1.02E-02	2.05E-11	0.00E+00	6.53E-03	5.34E-09	3.16E-05	3.36E-04	0.00E+00	0.00E+00	1.82E-13	3.55E-12	2.54E-05	0.00E+00	0.00E+00	0.00E+00	9.16E-07	3.63E-04	1.44E-01	0.00E+00	1.59E-11	6.05E-10	8.81E-05	2.58E-07	1.92E-04	0.00E+00	1.44E-01	4.13E-10	1.44E-01	1.45E-01	1.92E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-05
WJC160B	9.96E-05	1.54E-02	4.57E-10	1.55E-02	2.05E-11	0.00E+00	1.03E-02	5.80E-09	4.80E-05	5.03E-04	0.00E+00	0.00E+00	2.73E-13	5.66E-12	3.78E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-06	5.47E-04	2.16E-01	0.00E+00	2.37E-11	8.91E-10	1.30E-04	3.89E-07	2.91E-04	0.00E+00	2.16E-01	6.10E-10	2.16E-01	2.17E-01	2.91E-04	0.00E+00	0.00E+00	0.00E+00	5.94E-05
WJC162B	1.93E-04	3.12E-02	4.57E-10	3.10E-02	2.05E-11	0.00E+00	2.77E-01	1.15E-08	8.57E-05	9.84E-04	0.00E+00	5.23E-05	5.62E-13	2.41E-11	7.63E-05	6.86E-05	0.00E+00	0.00E+00	5.40E-06	1.08E-03	4.34E-01	0.00E+00	9.33E-11	1.56E-09	2.46E-04	7.93E-07	5.80E-04	0.00E+00	4.34E-01	2.15E-09	4.34E-01	4.34E-01	5.80E-04	0.00E+00	0.00E+00	0.00E+00	6.83E-04
WMS51	1.45E-03	3.11E-02	0.00E+00	3.11E-02	0.00E+00	0.00E+00	1.86E-02	1.07E-08	2.55E-04	2.79E-03	0.00E+00	0.00E+00	4.62E-13	1.03E-11	6.42E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	9.48E-04	3.93E-01	0.00E+00	4.04E-11	5.69E-09	7.18E-04	6.58E-07	5.02E-04	0.00E+00	3.93E-01	1.11E-09	3.93E-01	3.93E-01	5.02E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
WMS81	1.43E-03	3.08E-02	0.00E+00	3.08E-02	0.00E+00	0.00E+00	1.84E-02	1.06E-08	2.52E-04	2.76E-03	0.00E+00	0.00E+00	4.57E-13	1.02E-11	6.36E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	9.39E-04	3.89E-01	0.00E+00	4.00E-11	5.63E-09	7.11E-04	6.52E-07	4.97E-04	0.00E+00	3.89E-01	1.10E-09	3.89E-01	3.90E-01	4.97E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
WMS812LN	2.19E-03	3.88E-02	4.57E-10	3.88E-02	2.05E-11	0.00E+00	2.54E-02	1.39E-08	3.86E-04	4.30E-03	0.00E+00	0.00E+00	6.61E-13	1.31E-11	9.17E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-06	1.34E-03	5.15E-01	0.00E+00	5.73E-11	8.86E-09	1.12E-03	1.06E-06	7.01E-04	0.00E+00	5.15E-01	1.59E-09	5.15E-01	5.20E-01	7.01E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
WMS82	1.98E-03	3.67E-02	4.57E-10	3.63E-02	2.05E-11	0.00E+00	2.47E-02	1.33E-08	3.89E-04	4.12E-03	0.00E+00	0.00E+00	6.45E-13	1.24E-11	8.76E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	1.35E-03	5.02E-01	0.00E+00	5.74E-11	8.94E-09	1.16E-03	9.89E-07	6.67E-04	0.00E+00	5.02E-01	1.52E-09	5.02E-01	5.14E-01	6.67E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04
WMSO100	8.22E-03	2.37E-01	0.00E+00	2.37E-01	0.00E+00	0.00E+00	1.41E-01	8.13E-08	1.94E-03	2.12E-02	0.00E+00	0.00E+00	3.51E-12	7.84E-11	4.89E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-05	7.21E-03	2.99E+00	0.00E+00	3.07E-10	4.33E-08	5.46E-03	5.01E-06	3.82E-03	0.00E+00	2.99E+00	8.44E-09	2.99E+00	2.99E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	7.77E-04
WMSS115	1.16E-03	3.12E-02	4.57E-10	3.10E-02	2.05E-11	0.00E+00	1.86E-02	1.08E-08	2.56E-04	2.87E-03	0.00E+00	0.00E+00	4.58E-13	1.04E-11	6.67E-05	0.00E+00	0.00E+00	0.00E+00	2.39E-06	1.10E-03	4.00E-01	0.00E+00	3.75E-11	5.57E-09	7.15E-04	6.78E-07	5.09E-04	0.00E+00	4.00E-01	1.07E-09	4.00E-01	4.01E-01	5.09E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
WMSS81	1.60E-03	3.44E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.05E-02	1.18E-08	2.82E-04	3.09E-03	0.00E+00	0.00E+00	5.11E-13	1.14E-11	7.10E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	1.05E-03	4.35E-01	0.00E+00	4.47E-11	6.29E-09	7.95E-04	7.29E-07	5.56E-04	0.00E+00	4.35E-01	1.23E-09	4.35E-01	4.35E-01	5.56E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04
WMSS81G	1.48E-03	3.07E-02	4.57E-10	3.08E-02	2.05E-11	0.00E+00	1.85E-02	1.10E-08	2.82E-04	2.88E-03	0.00E+00	0.00E+00	4.67E-13	9.71E-12	6.40E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-06	9.73E-04	3.82E-01	0.00E+00	3.75E-11	6.37E-09	7.91E-04	6.54E-07	4.58E-04	0.00E+00	3.82E-01	1.09E-09	3.82E-01	3.83E-01	4.58E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
WMSS81N	1.38E-03	3.09E-02	4.57E-10	3.10E-02	2.05E-11	0.00E+00	1.84E-02	1.09E-08	2.80E-04	2.89E-03	0.00E+00	0.00E+00	4.63E-13	9.70E-12	6.32E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	9.71E-04	3.80E-01	0.00E+00	3.72E-11	6.36E-09	7.90E-04	6.52E-07	4.58E-04	0.00E+00	3.80E-01	1.08E-09	3.80E-01	3.82E-01	4.58E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
WMSS81R	1.40E-03	3.06E-02	4.57E-10	3.07E-02	2.05E-11	0.00E+00	1.84E-02	1.09E-08	2.80E-04	2.87E-03	0.00E+00	0.00E+00	4.67E-13	9.68E-12	6.37E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-06	9.71E-04	3.81E-01	0.00E+00	3.73E-11	6.35E-09	7.88E-04	6.51E-07	4.59E-04	0.00E+00	3.81E-01	1.08E-09	3.81E-01	3.83E-01	4.59E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
WMSS81RR	1.31E-03	2.82E-02	4.57E-10	2.83E-02	2.05E-11	0.00E+00	1.75E-02	1.03E-08	2.61E-04	2.52E-03	0.00E+00	0.00E+00	4.57E-13	9.15E-12	6.12E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-06	9.17E-04	3.58E-01	0.00E+00	3.58E-11	6.24E-09	7.38E-04	6.27E-07	4.35E-04	0.00E+00	3.58E-01	1.03E-09	3.58E-01	3.66E-01	4.35E-04	0.00E+00	0.00E+00	0.00E+00	9.51E-05
WMSS82	2.75E-03	5.91E-02	0.00E+00	5.91E-02	0.00E+00	0.00E+00	3.53E-02	2.03E-08	4.84E-04	5.30E-03	0.00E+00	0.00E+00	8.77E-13	1.96E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-06	1.80E-03	7.47E-01	0.00E+00	7.68E-11	1.08E-08	1.36E-03	1.25E-06	9.55E-04	0.00E+00	7.47E-01	2.11E-09	7.47E-01	7.48E-01	9.55E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
WMSS82N	2.56E-03	4.08E-02	4.57E-10	4.12E-02	2.05E-11	0.00E+00	2.76E-02	1.47E-08	4.48E-04	4.93E-03	0.00E+00	0.00E+00	7.22E-13	1.43E-11	9.66E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.51E-03	5.33E-01	0.00E+00	6.21E-11	1.03E-08	1.28E-03	1.08E-06	7.23E-04	0.00E+00	5.33E-01	1.66E-09	5.33E-01	5.41E-01	7.23E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04
WMSS82O	2.86E-03	6.15E-02	0.00E+00	6.15E-02	0.00E+00	0.00E+00	3.67E-02	2.11E-08	5.04E-04	5.52E-03	0.00E+00	0.00E+00	9.13E-13	2.04E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-06	1.87E-03	7.77E-01	0.00E+00	7.99E-11	1.12E-08	1.42E-03	1.30E-06	9.94E-04	0.00E+00	7.77E-01	2.19E-09	7.77E-01	7.78E-01	9.94E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-04
WMSS82OG	2.84E-03	6.09E-02	0.00E+00	6.09E-02	0.00E+00	0.00E+00	3.63E-02	2.09E-08	4.99E-04	5.46E-03	0.00E+00	0.00E+00	9.04E-13	2.02E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-06	1.86E-03	7.70E-01	0.00E+00	7.91E-11	1.11E-08	1.41E-03	1.29E-06	9.84E-04	0.00E+00	7.70E-01	2.17E-09	7.70E-01	7.71E-01	9.84E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WMSS82ON	2.10E-03	4.05E-02	4.57E-10	4.06E-02	2.05E-11	0.00E+00	3.37E-02	1.84E-08	4.66E-04	4.44E-03	0.00E+00	0.00E+00	7.90E-13	1.49E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	3.74E-06	1.65E-03	5.71E-01	0.00E+00	6.68E-11	1.05E-08	1.18E-03	1.17E-06	7.35E-04	0.00E+00	5.71E-01	1.76E-09	5.71E-01	5.66E-01	7.35E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-04
WMSS82OR	2.17E-03	4.09E-02	4.57E-10	4.12E-02	2.05E-11	0.00E+00	3.35E-02	1.85E-08	4.64E-04	4.77E-03	0.00E+00	0.00E+00	8.01E-13	1.50E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.66E-03	5.73E-01	0.00E+00	6.83E-11	1.04E-08	1.20E-03	1.18E-06	7.39E-04	0.00E+00	5.73E-01	1.77E-09	5.73E-01	5.67E-01	7.39E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-04
WMSS82ORR	2.12E-03	4.05E-02	4.57E-10	4.05E-02	2.05E-11	0.00E+00	3.30E-02	1.83E-08	4.67E-04	4.39E-03	0.00E+00	0.00E+00	7.90E-13	1.50E-11	1.17E-04	0.00E+00	0.00E+00	0.00E+00	3.76E-06	1.65E-03	5.70E-01	0.00E+00	6.69E-11	1.05E-08	1.19E-03	1.18E-06	7.36E-04	0.00E+00	5.70E-01	1.76E-09	5.70E-01	5.65E-01	7.36E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-04
WMSS82R	2.20E-03	3.92E-02	4.57E-10	3.99E-02	2.05E-11	0.00E+00	2.63E-02	1.38E-08	4.07E-04	4.71E-03	0.00E+00	0.00E+00	6.84E-13	1.37E-11	9.27E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-06	1.33E-03	5.13E-01	0.00E+00	5.86E-11	9.46E-09	1.17E-03	1.04E-06	6.83E-04	0.00E+00	5.13E-01	1.59E-09	5.13E-01	5.27E-01	6.83E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
WMSS82R/CS	2.57E-03	4.07E-02	4.57E-10	4.11E-02	2.05E-11	0.00E+00	2.77E-02	1.47E-08	4.45E-04	4.89E-03	0.00E+00	0.00E+00	7.19E-13	1.43E-11	9.66E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.50E-03	5.33E-01	0.00E+00	6.21E-11	1.02E-08	1.27E-03	1.08E-06	7.22E-04	0.00E+00	5.33E-01	1.66E-09	5.33E-01	5.39E-01	7.22E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04

WMSS82R/UPS	2.56E-03	4.08E-02	4.57E-10	4.12E-02	2.05E-11	0.00E+00	2.77E-02	1.47E-08	4.37E-04	4.88E-03	0.00E+00	0.00E+00	7.22E-13	1.42E-11	9.66E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.50E-03	5.33E-01	0.00E+00	6.22E-11	1.00E-08	1.26E-03	1.08E-06	7.23E-04	0.00E+00	5.33E-01	1.65E-09	5.33E-01	5.40E-01	7.23E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04
WMSS82RR	2.56E-03	4.02E-02	4.57E-10	4.04E-02	2.05E-11	0.00E+00	2.73E-02	1.46E-08	4.16E-04	4.34E-03	0.00E+00	0.00E+00	7.15E-13	1.41E-11	9.56E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.50E-03	5.30E-01	0.00E+00	6.05E-11	9.72E-09	1.20E-03	1.08E-06	7.20E-04	0.00E+00	5.30E-01	1.63E-09	5.30E-01	5.38E-01	7.20E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
WMV100B	1.13E-04	1.78E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.17E-02	6.69E-09	5.29E-05	5.80E-04	0.00E+00	0.00E+00	3.13E-13	6.06E-12	4.34E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.26E-04	2.49E-01	0.00E+00	2.73E-11	9.18E-10	1.46E-04	4.46E-07	3.32E-04	0.00E+00	2.49E-01	7.02E-10	2.49E-01	2.49E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05
WMV100N	1.17E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.21E-02	6.95E-09	5.50E-05	6.03E-04	0.00E+00	0.00E+00	3.26E-13	6.30E-12	4.51E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.50E-04	2.58E-01	0.00E+00	2.84E-11	9.54E-10	1.52E-04	4.63E-07	3.45E-04	0.00E+00	2.58E-01	7.29E-10	2.58E-01	2.59E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-05
WNA100	2.22E-05	1.40E-02	5.74E-08	1.40E-02	2.12E-08	0.00E+00	4.10E-01	5.25E-08	4.02E-06	4.41E-05	0.00E+00	5.87E-05	2.75E-12	5.24E-11	4.97E-04	6.01E-05	0.00E+00	0.00E+00	1.18E-05	1.30E-03	2.49E-01	0.00E+00	1.70E-10	1.90E-10	1.43E-05	1.03E-06	7.86E-04	0.00E+00	2.49E-01	5.01E-09	2.49E-01	2.50E-01	7.86E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-04
WNA100B	2.54E-05	1.61E-02	6.58E-08	1.61E-02	2.43E-08	0.00E+00	4.69E-01	6.00E-08	4.60E-06	5.05E-05	0.00E+00	6.72E-05	3.15E-12	6.00E-11	5.68E-04	6.87E-05	0.00E+00	0.00E+00	1.35E-05	1.49E-03	2.85E-01	0.00E+00	1.95E-10	2.18E-10	1.63E-05	1.18E-06	9.00E-04	0.00E+00	2.85E-01	5.73E-09	2.85E-01	2.86E-01	9.00E-04	0.00E+00	0.00E+00	0.00E+00	5.78E-04
WNA105	2.85E-05	1.81E-02	7.39E-08	1.81E-02	2.73E-08	0.00E+00	5.27E-01	6.75E-08	5.17E-06	5.67E-05	0.00E+00	7.55E-05	3.54E-12	6.74E-11	6.39E-04	7.72E-05	0.00E+00	0.00E+00	1.51E-05	1.68E-03	3.21E-01	0.00E+00	2.19E-10	2.45E-10	1.83E-05	1.33E-06	1.01E-03	0.00E+00	3.21E-01	6.44E-09	3.21E-01	3.22E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	6.50E-04
WNA160	8.62E-05	1.36E-02	0.00E+00	1.36E-02	0.00E+00	0.00E+00	8.91E-03	5.10E-09	4.04E-05	4.43E-04	0.00E+00	0.00E+00	2.39E-13	4.63E-12	3.31E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-06	4.78E-04	1.90E-01	0.00E+00	2.09E-11	7.01E-10	1.12E-04	3.40E-07	2.53E-04	0.00E+00	1.90E-01	5.36E-10	1.90E-01	1.90E-01	2.53E-04	0.00E+00	0.00E+00	0.00E+00	5.17E-05
WNA160B	1.02E-04	1.61E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.05E-02	6.03E-09	4.77E-05	5.24E-04	0.00E+00	0.00E+00	2.83E-13	5.47E-12	3.92E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-06	5.64E-04	2.24E-01	0.00E+00	2.47E-11	8.28E-10	1.32E-04	4.02E-07	2.99E-04	0.00E+00	2.24E-01	6.33E-10	2.24E-01	2.25E-01	2.99E-04	0.00E+00	0.00E+00	0.00E+00	6.11E-05
WNA161	8.98E-05	1.42E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	9.29E-03	5.32E-09	4.21E-05	4.62E-04	0.00E+00	0.00E+00	2.49E-13	4.82E-12	3.45E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-06	4.98E-04	1.98E-01	0.00E+00	2.17E-11	7.30E-10	1.16E-04	3.55E-07	2.64E-04	0.00E+00	1.98E-01	5.58E-10	1.98E-01	1.98E-01	2.64E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-05
WNA161B	1.05E-04	1.65E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.08E-02	6.21E-09	4.91E-05	5.39E-04	0.00E+00	0.00E+00	2.91E-13	5.63E-12	4.03E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.81E-04	2.31E-01	0.00E+00	2.54E-11	8.53E-10	1.36E-04	4.14E-07	3.08E-04	0.00E+00	2.31E-01	6.52E-10	2.31E-01	2.31E-01	3.08E-04	0.00E+00	0.00E+00	0.00E+00	6.29E-05
WNC100	4.08E-05	2.58E-02	1.06E-07	2.58E-02	3.91E-08	0.00E+00	7.54E-01	9.66E-08	7.40E-06	8.12E-05	0.00E+00	1.08E-04	5.06E-12	9.65E-11	9.14E-04	1.11E-04	0.00E+00	0.00E+00	2.17E-05	2.40E-03	4.59E-01	0.00E+00	3.13E-10	3.50E-10	2.62E-05	1.90E-06	1.45E-03	0.00E+00	4.59E-01	9.22E-09	4.59E-01	4.60E-01	1.45E-03	0.00E+00	0.00E+00	0.00E+00	9.30E-04
WNC100EC	4.16E-05	2.64E-02	1.08E-07	2.64E-02	3.99E-08	0.00E+00	7.69E-01	9.85E-08	7.55E-06	8.28E-05	0.00E+00	1.10E-04	5.16E-12	9.85E-11	9.32E-04	1.13E-04	0.00E+00	0.00E+00	2.21E-05	2.45E-03	4.68E-01	0.00E+00	3.20E-10	3.57E-10	2.68E-05	1.94E-06	1.48E-03	0.00E+00	4.68E-01	9.40E-09	4.68E-01	4.69E-01	1.48E-03	0.00E+00	0.00E+00	0.00E+00	9.49E-04
WNC122	7.97E-05	5.04E-02	2.06E-07	5.04E-02	7.63E-08	0.00E+00	1.47E+00	1.88E-07	1.44E-05	1.59E-04	0.00E+00	2.11E-04	9.88E-12	1.88E-10	1.78E-03	2.16E-04	0.00E+00	0.00E+00	4.23E-05	4.68E-03	8.96E-01	0.00E+00	6.12E-10	6.84E-10	5.12E-05	3.71E-06	2.82E-03	0.00E+00	8.96E-01	1.80E-08	8.96E-01	8.98E-01	2.82E-03	0.00E+00	0.00E+00	0.00E+00	1.82E-03
WNC122B	7.91E-05	5.01E-02	2.05E-07	5.01E-02	7.57E-08	0.00E+00	1.46E+00	1.87E-07	1.43E-05	1.57E-04	0.00E+00	2.09E-04	9.81E-12	1.87E-10	1.77E-03	2.14E-04	0.00E+00	0.00E+00	4.20E-05	4.65E-03	8.89E-01	0.00E+00	6.07E-10	6.79E-10	5.09E-05	3.68E-06	2.80E-03	0.00E+00	8.89E-01	1.79E-08	8.89E-01	8.92E-01	2.80E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-03
WNC123	1.19E-04	7.57E-02	3.10E-07	7.57E-02	1.14E-07	0.00E+00	2.21E+00	2.83E-07	2.17E-05	2.38E-04	0.00E+00	3.17E-04	1.48E-11	2.83E-10	2.68E-03	3.24E-04	0.00E+00	0.00E+00	6.34E-05	7.02E-03	1.34E+00	0.00E+00	9.18E-10	1.03E-09	7.69E-05	5.56E-06	4.24E-03	0.00E+00	1.34E+00	2.70E-08	1.34E+00	1.35E+00	4.24E-03	0.00E+00	0.00E+00	0.00E+00	2.72E-03
WNC123B	1.16E-04	7.34E-02	3.00E-07	7.34E-02	1.11E-07	0.00E+00	2.14E+00	2.74E-07	2.10E-05	2.30E-04	0.00E+00	3.07E-04	1.44E-11	2.74E-10	2.59E-03	3.14E-04	0.00E+00	0.00E+00	6.15E-05	6.81E-03	1.30E+00	0.00E+00	8.90E-10	9.94E-10	7.45E-05	5.39E-06	4.11E-03	0.00E+00	1.30E+00	2.62E-08	1.30E+00	1.31E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-03
WNC160	4.24E-05	2.69E-02	1.10E-07	2.69E-02	4.06E-08	0.00E+00	7.83E-01	1.00E-07	7.69E-06	8.44E-05	0.00E+00	1.12E-04	5.26E-12	1.00E-10	9.50E-04	1.15E-04	0.00E+00	0.00E+00	2.25E-05	2.49E-03	4.77E-01	0.00E+00	3.26E-10	3.64E-10	2.73E-05	1.97E-06	1.50E-03	0.00E+00	4.77E-01	9.58E-09	4.77E-01	4.78E-01	1.50E-03	0.00E+00	0.00E+00	0.00E+00	9.67E-04
WNC160B	4.27E-05	2.70E-02	1.11E-07	2.70E-02	4.09E-08	0.00E+00	7.88E-01	1.01E-07	7.74E-06	8.49E-05	0.00E+00	1.13E-04	5.29E-12	1.01E-10	9.56E-04	1.16E-04	0.00E+00	0.00E+00	2.27E-05	2.51E-03	4.80E-01	0.00E+00	3.28E-10	3.66E-10	2.74E-05	1.99E-06	1.51E-03	0.00E+00	4.80E-01	9.64E-09	4.80E-01	4.81E-01	1.51E-03	0.00E+00	0.00E+00	0.00E+00	9.73E-04
WNC161	4.27E-05	2.70E-02	1.11E-07	2.70E-02	4.09E-08	0.00E+00	7.88E-01	1.01E-07	7.74E-06	8.49E-05	0.00E+00	1.13E-04	5.29E-12	1.01E-10	9.56E-04	1.16E-04	0.00E+00	0.00E+00	2.27E-05	2.51E-03	4.80E-01	0.00E+00	3.28E-10	3.66E-10	2.74E-05	1.99E-06	1.51E-03	0.00E+00	4.80E-01	9.64E-09	4.80E-01	4.81E-01	1.51E-03	0.00E+00	0.00E+00	0.00E+00	9.73E-04
WNC161B	4.27E-05	2.70E-02	1.11E-07	2.70E-02	4.09E-08	0.00E+00	7.88E-01	1.01E-07	7.74E-06	8.49E-05	0.00E+00	1.13E-04	5.29E-12	1.01E-10	9.56E-04	1.16E-04	0.00E+00	0.00E+00	2.27E-05	2.51E-03	4.80E-01	0.00E+00	3.28E-10	3.66E-10	2.74E-05	1.99E-06	1.51E-03	0.00E+00	4.80E-01	9.64E-09	4.80E-01	4.81E-01	1.51E-03	0.00E+00	0.00E+00	0.00E+00	9.73E-04
WNC162	7.97E-05	5.04E-02	2.06E-07	5.04E-02	7.63E-08	0.00E+00	1.47E+00	1.88E-07	1.44E-05	1.59E-04	0.00E+00	2.11E-04	9.88E-12	1.88E-10	1.78E-03	2.16E-04	0.00E+00	0.00E+00	4.23E-05	4.68E-03	8.96E-01	0.00E+00	6.12E-10	6.84E-10	5.12E-05	3.71E-06	2.82E-03	0.00E+00	8.96E-01	1.80E-08	8.96E-01	8.98E-01	2.82E-03	0.00E+00	0.00E+00	0.00E+00	1.82E-03
WNC162B	7.91E-05	5.01E-02	2.05E-07	5.01E-02	7.57E-08	0.00E+00	1.46E+00	1.87E-07	1.43E-05	1.57E-04	0.00E+00	2.09E-04	9.81E-12	1.87E-10	1.77E-03	2.14E-04	0.00E+00	0.00E+00	4.20E-05	4.65E-03	8.89E-01	0.00E+00	6.07E-10	6.79E-10	5.09E-05	3.68E-06	2.80E-03	0.00E+00	8.89E-01	1.79E-08	8.89E-01	8.92E-01	2.80E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-03
WNC164	7.97E-05	5.04E-02	2.06E-07	5.04E-02	7.63E-08	0.00E+00	1.47E+00	1.88E-07	1.44E-05	1.59E-04	0.00E+00	2.11E-04	9.88E-12	1.88E-10	1.78E-03	2.16E-04	0.00E+00	0.00E+00	4.23E-05	4.68E-03	8.96E-01	0.00E+00	6.12E-10	6.84E-10	5.12E-05	3.71E-06	2.82E-03	0.00E+00	8.96E-01	1.80E-08	8.96E-01	8.98E-01	2.82E-03	0.00E+00	0.00E+00	0.00E+00	1.82E-03
WNC165	1.18E-04	7.50E-02	3.07E-07	7.50E-02	1.13E-07	0.00E+00	2.19E+00	2.80E-07	2.15E-05	2.36E-04	0.00E+00	3.14E-04	1.47E-11	2.80E-10	2.65E-03	3.21E-04	0.00E+00	0.00E+00	6.29E-05	6.96E-03	1.33E+00	0.00E+00	9.10E-10	1.02E-09	7.62E-05	5.51E-06	4.20E-03	0.00E+00	1.33E+00	2.68E-08	1.33E+00	1.34E+00	4.20E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WNC166	5.00E-05	3.17E-02	1.30E-07	3.17E-02	4.79E-08	0.00E+00	9.24E-01	1.18E-07	9.07E-06	9.96E-05	0.00E+00	1.33E-04	6.21E-12	1.18E-10	1.12E-03	1.36E-04	0.00E+00	0.00E+00	2.66E-05	2.94E-03	5.63E-01	0.00E+00	3.84E-10	4.29E-10	3.22E-05	2.33E-06	1.77E-03	0.00E+00	5.63E-01	1.13E-08	5.63E-01	5.64E-01	1.77E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-03
WNC166B	5.06E-05	3.20E-02	1.31E-07	3.20E-02	4.84E-08	0.00E+00	9.34E-01	1.20E-07	9.17E-06	1.01E-04	0.00E+00	1.34E-04	6.27E-12	1.20E-10	1.13E-03	1.37E-04	0.00E+00	0.00E+00	2.68E-05	2.97E-03	5.68E-01	0.00E+00	3.88E-10	4.34E-10	3.25E-05	2.35E-06	1.79E-03	0.00E+00	5.68E-01	1.14E-08	5.68E-01	5.70E-01	1.79E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-03
WNC172	7.97E-05	5.04E-02	2.06E-07	5.04E-02	7.63E-08	0.00E+00	1.47E+00	1.88E-07	1.44E-05	1.59E-04	0.00E+00	2.11E-04	9.88E-12	1.88E-10	1.78E-03	2.16E-04	0.00E+00	0.00E+00	4.23E-05	4.68E-03	8.96E-01	0.00E+00	6.12E-10	6.84E-10	5.12E-05	3.71E-06	2.82E-03	0.00E+00	8.96E-01	1.80E-08	8.96E-01	8.98E-01	2.82E-03	0.00E+00	0.00E+00	0.00E+00	1.82E-03
WNC172B	7.91E-05	5.01E-02	2.05E-07	5.01E-02	7.57E-08	0.00E+00	1.46E+00	1.87E-07	1.43E-05	1.57E-04	0.00E+00	2.09E-04	9.81E-12	1.87E-10	1.77E-03	2.14E-04	0.00E+00	0.00E+00	4.20E-05	4.65E-03	8.89E-01	0.00E+00	6.07E-10	6.79E-10	5.09E-05	3.68E-06	2.80E-03	0.00E+00	8.89E-01	1.79E-08	8.89E-01	8.92E-01	2.80E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-03
WNC174	7.94E-05	5.03E-02	2.06E-07	5.03E-02	7.60E-08	0.00E+00	1.47E+00	1.88E-07	1.44E-05	1.58E-04	0.00E+00	2.10E-04	9.85E-12	1.88E-10	1.78E-03	2.15E-04	0.00E+00	0.00E+00	4.21E-05	4.67E-03	8.93E-01	0.00E+00	6.10E-10	6.81E-10	5.11E-05	3.70E-06	2.81E-03	0.00E+00	8.93E-01	1.79E-08	8.93E-01	8.95E-01	2.81E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-03
WNE160B	3.40E-05	2.15E-02	8.80E-08	2.15E-02	3.25E-08	0.00E+00	6.27E-01	8.04E-08	6.16E-06	6.76E-05	0.00E+00	9.00E-05	4.21E-12	8.04E-11	7.61E-04	9.20E-05	0.00E+00	0.00E+00	1.80E-05	2.00E-03	3.82E-01	0.00E+00	2.61E-10	2.91E-10	2.19E-05	1.58E-06	1.20E-03	0.00E+00	3.82E-01	7.67E-09	3.82E-01	3.83E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	7.74E-04
WNE161B	3.52E-05	2.23E-02	9.13E-08	2.23E-02	3.38E-08	0.00E+00	6.51E-01	8.34E-08	6.39E-06	7.01E-05	0.00E+00	9.34E-05	4.37E-12	8.34E-11	7.90E-04	9.55E-05	0.00E+00	0.00E+00	1.87E-05	2.07E-03	3.96E-01	0.00E+00	2.71E-10	3.02E-10	2.27E-05	1.64E-06	1.25E-03	0.00E+00	3.96E-01	7.96E-09	3.96E-01	3.98E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	8.04E-04
WPS51BKO	1.27E-03	6.39E-02	4.57E-10	6.43E-02	2.05E-11	0.00E+00	4.49E-02	2.33E-08	3.71E-04	4.14E-03	0.00E+00	0.00E+00	1.21E-12	2.36E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.94E-06	2.68E-03	9.81E-01	0.00E+00	1.02E-10	8.35E-09	1.17E-03	1.70E-06	1.35E-03	0.00E+00	9.81E-01	2.71E-09	9.81E-01	9.21E-01	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
WPSS81	1.62E-03	3.57E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.35E-02	1.35E-08	3.21E-04	3.44E-03	0.00E+00	0.00E+00	6.10E-13	1.32E-11	8.30E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	1.31E-03	4.83E-01	0.00E+00	5.15E-11	7.42E-09	9.49E-04	8.79E-07	6.47E-04	0.00E+00	4.83E-01	1.43E-09	4.83E-01	4.87E-01	6.47E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
WPSS81BKO	2.73E-03	6.93E-02	4.57E-10	6.86E-02	2.05E-11	0.00E+00	4.67E-02	2.45E-08	4.91E-04	4.65E-03	0.00E+00	0.00E+00	1.31E-12	2.60E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.31E-06	2.71E-03	1.01E+00	0.00E+00	1.07E-10	1.11E-08	1.44E-03	1.78E-06	1.44E-03	0.00E+00	1.01E+00	2.97E-09	1.01E+00	9.37E-01	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04
WPSS81W	1.50E-03	3.56E-02	4.57E-10	3.57E-02	2.05E-11	0.00E+00	2.34E-02	1.35E-08	3.17E-04	3.43E-03	0.00E+00	0.00E+00	6.08E-13	1.32E-11	8.29E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-06	1.31E-03	4.82E-01	0.00E+00	5.15E-11	7.41E-09	9.47E-04	8.76E-07	6.47E-04	0.00E+00	4.82E-01	1.43E-09	4.82E-01	4.86E-01	6.47E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04
WPSS82BKO	5.40E-03	1.55E-01	0.00E+00	1.55E-01	0.00E+00	0.00E+00	9.28E-02	5.34E-08	1.27E-03	1.39E-02	0.00E+00	0.00E+00	2.31E-12	5.15E-11	3.21E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-05	4.74E-03	1.96E+00	0.00E+00	2.02E-10	2.84E-08	3.59E-03	3.29E-06	2.51E-03	0.00E+00	1.96E+00	5.55E-09	1.96E+00	1.97E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	5.11E-04
WPSS82NW	2.74E-03	5.48E-02	4.57E-10	5.38E-02	2.05E-11	0.00E+00	3.66E-02	2.11E-08	4.34E-04	4.92E-03	0.00E+00	0.00E+00	8.31E-13	1.81E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.50E-06	2.42E-03	7.84E-01	0.00E+00	7.79E-11	9.97E-09	1.33E-03	1.44E-06	1.17E-03	0.00E+00	7.84E-01	2.12E-09	7.84E-01	7.13E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-04
WPSS82O	2.60E-03	6.63E-02	4.57E-10	6.50E-02	2.05E-11	0.00E+00	4.55E-02	2.32E-08	4.86E-04	5.06E-03	0.00E+00	0.00E+00	1.18E-12	2.54E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.77E-06	2.62E-03	1.04E+00	0.00E+00	1.05E-10	1.11E-08	1.37E-03	1.70E-06	1.36E-03	0.00E+00	1.04E+00	2.74E-09	1.04E+00	9.77E-01	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
WPSS82OW	2.35E-03	5.58E-02	4.57E-10	5.49E-02	2.05E-11	0.00E+00	3.59E-02	2.09E-08	4.57E-04	4.86E-03	0.00E+00	0.00E+00	8.50E-13	1.82E-11	1.18E-04	0.00E+00	0.00E+00	0.00E+00	4.36E-06	2.47E-03	8.09E-01	0.00E+00	7.51E-11	1.02E-08	1.27E-03	1.47E-06	1.23E-03	0.00E+00	8.09E-01	2.12E-09	8.09E-01	7.55E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	1.85E-04
WPSS82W	3.60E-03	6.60E-02	4.57E-10	6.57E-02	2.05E-11	0.00E+00	4.62E-02	2.39E-08	4.77E-04	5.20E-03	0.00E+00	0.00E+00	1.18E-12	2.48E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	6.02E-06	2.59E-03	1.03E+00	0.00E+00	1.08E-10	1.08E-08	1.43E-03	1.68E-06	1.36E-03	0.00E+00	1.03E+00	2.96E-09	1.03E+00	9.36E-01	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
WRCC50NBSB	3.34E-03	6.96E-02	4.57E-10	6.94E-02	2.05E-11	0.00E+00	4.73E-02	2.59E-08	6.35E-04	6.60E-03	0.00E+00	0.00E+00	1.20E-12	2.58E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	6.37E-06	2.67E-03	1.04E+00	0.00E+00	1.11E-10	1.42E-08	1.73E-03	1.75E-06	1.39E-03	0.00E+00	1.04E+00	2.86E-09	1.04E+00	9.23E-01	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
WRCC50NBSW	3.34E-03	6.72E-02	4.57E-10	6.74E-02	2.05E-11	0.00E+00	4.54E-02	2.49E-08	6.36E-04	6.59E-03	0.00E+00	0.00E+00	1.17E-12	2.51E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.64E-03	9.60E-01	0.00E+00	1.08E-10	1.42E-08	1.73E-03	1.72E-06	1.38E-03	0.00E+00	9.60E-01	2.82E-09	9.60E-01	8.88E-01	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
WRCC50NPSB	3.19E-03	6.86E-02	4.57E-10	6.83E-02	2.05E-11	0.00E+00	4.70E-02	2.57E-08	5.45E-04	5.73E-03	0.00E+00	0.00E+00	1.19E-12	2.56E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	6.27E-06	2.66E-03	1.02E+00	0.00E+00	1.11E-10	1.22E-08	1.46E-03	1.74E-06	1.39E-03	0.00E+00	1.02E+00	2.85E-09	1.02E+00	9.17E-01	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
WRCC50NPSW	3.34E-03	6.72E-02	4.57E-10	6.74E-02	2.05E-11	0.00E+00	4.54E-02	2.49E-08	6.36E-04	6.59E-03	0.00E+00	0.00E+00	1.17E-12	2.51E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.64E-03	9.60E-01	0.00E+00	1.08E-10	1.42E-08	1.73E-03	1.72E-06	1.38E-03	0.00E+00	9.60E-01	2.82E-09	9.60E-01	8.89E-01	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
WRS51BSB	1.80E-03	3.42E-02	4.57E-10	3.32E-02	2.05E-11	0.00E+00	2.09E-02	1.25E-08	3.21E-04	4.00E-03	0.00E+00	0.00E+00	5.54E-13	1.22E-11	7.66E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	1.15E-03	4.41E-01	0.00E+00	4.47E-11	8.03E-09	9.14E-04	7.44E-07	5.58E-04	0.00E+00	4.41E-01	1.28E-09	4.41E-01	4.33E-01	5.58E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04
WRS51BSW	8.87E-04	3.36E-02	4.57E-10	3.32E-02	2.05E-11	0.00E+00	2.13E-02	1.23E-08	3.30E-04	3.56E-03	0.00E+00	0.00E+00	5.51E-13	1.17E-11	7.66E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	1.20E-03	4.45E-01	0.00E+00	4.56E-11	7.92E-09	9.67E-04	7.77E-07	5.96E-04	0.00E+00	4.45E-01	1.26E-09	4.45E-01	4.33E-01	5.96E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WRS51PSB	1.67E-03	3.23E-02	4.57E-10	3.16E-02	2.05E-11	0.00E+00	2.07E-02	1.17E-08	3.01E-04	3.78E-03	0.00E+00	0.00E+00	5.27E-13	1.13E-11	7.29E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	1.09E-03	4.19E-01	0.00E+00	4.25E-11	7.70E-09	8.72E-04	6.85E-07	5.34E-04	0.00E+00	4.19E-01	1.18E-09	4.19E-01	4.17E-01	5.34E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04
WRS51PSW	8.40E-04	3.34E-02	4.57E-10	3.25E-02	2.05E-11	0.00E+00	2.04E-02	1.20E-08	3.13E-04	3.45E-03	0.00E+00	0.00E+00	5.33E-13	1.14E-11	7.37E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-06	1.12E-03	4.29E-01	0.00E+00	4.37E-11	7.53E-09	9.00E-04	7.15E-07	5.37E-04	0.00E+00	4.29E-01	1.21E-09	4.29E-01	4.23E-01	5.37E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
WRSO100BSB	8.29E-03	2.39E-01	0.00E+00	2.39E-01	0.00E+00	0.00E+00	1.43E-01	8.21E-08	1.96E-03	2.14E-02	0.00E+00	0.00E+00	3.55E-12	7.91E-11	4.93E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-05	7.28E-03	3.02E+00	0.00E+00	3.10E-10	4.37E-08	5.52E-03	5.06E-06	3.86E-03	0.00E+00	3.02E+00	8.52E-09	3.02E+00	3.02E+00	3.86E-03	0.00E+00	0.00E+00	0.00E+00	7.85E-04
WRSS81BSB	1.84E-03	3.54E-02	4.57E-10	3.53E-02	2.05E-11	0.00E+00	2.33E-02	1.35E-08	4.08E-04	4.33E-03	0.00E+00	0.00E+00	5.98E-13	1.34E-11	8.18E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	1.26E-03	4.78E-01	0.00E+00	4.76E-11	1.03E-08	1.22E-03	8.30E-07	6.37E-04	0.00E+00	4.78E-01	1.41E-09	4.78E-01	4.78E-01	6.37E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
WRSS81BSW	1.85E-03	3.56E-02	4.57E-10	3.54E-02	2.05E-11	0.00E+00	2.34E-02	1.36E-08	4.08E-04	4.33E-03	0.00E+00	0.00E+00	6.00E-13	1.34E-11	8.19E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	1.26E-03	4.80E-01	0.00E+00	4.78E-11	1.03E-08	1.22E-03	8.33E-07	6.38E-04	0.00E+00	4.80E-01	1.41E-09	4.80E-01	4.80E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
WRSS81PSB	1.85E-03	3.54E-02	4.57E-10	3.53E-02	2.05E-11	0.00E+00	2.33E-02	1.35E-08	4.08E-04	4.33E-03	0.00E+00	0.00E+00	5.99E-13	1.34E-11	8.18E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	1.26E-03	4.78E-01	0.00E+00	4.76E-11	1.03E-08	1.22E-03	8.31E-07	6.36E-04	0.00E+00	4.78E-01	1.41E-09	4.78E-01	4.77E-01	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04
WRSS81PSW	1.85E-03	3.55E-02	4.57E-10	3.54E-02	2.05E-11	0.00E+00	2.34E-02	1.36E-08	4.08E-04	4.33E-03	0.00E+00	0.00E+00	5.99E-13	1.34E-11	8.18E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	1.26E-03	4.79E-01	0.00E+00	4.78E-11	1.03E-08	1.22E-03	8.32E-07	6.37E-04	0.00E+00	4.79E-01	1.41E-09	4.79E-01	4.78E-01	6.37E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04
WRSS82BSB	3.54E-03	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.54E-02	2.62E-08	6.23E-04	6.83E-03	0.00E+00	0.00E+00	1.13E-12	2.52E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.82E-06	2.32E-03	9.62E-01	0.00E+00	9.89E-11	1.39E-08	1.76E-03	1.61E-06	1.23E-03	0.00E+00	9.62E-01	2.72E-09	9.62E-01	9.63E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
WRSS82BSW	3.54E-03	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.54E-02	2.62E-08	6.23E-04	6.83E-03	0.00E+00	0.00E+00	1.13E-12	2.52E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.82E-06	2.32E-03	9.62E-01	0.00E+00	9.89E-11	1.39E-08	1.76E-03	1.61E-06	1.23E-03	0.00E+00	9.62E-01	2.72E-09	9.62E-01	9.63E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
WRSS82PSB	3.09E-03	6.72E-02	4.57E-10	6.68E-02	2.05E-11	0.00E+00	4.35E-02	2.51E-08	6.13E-04	6.53E-03	0.00E+00	0.00E+00	1.13E-12	2.39E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.97E-06	2.59E-03	8.23E-01	0.00E+00	1.05E-10	1.35E-08	1.72E-03	1.71E-06	1.34E-03	0.00E+00	8.23E-01	2.80E-09	8.23E-01	7.56E-01	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
WRSS82PSW	3.12E-03	6.72E-02	4.57E-10	6.68E-02	2.05E-11	0.00E+00	4.26E-02	2.44E-08	6.15E-04	6.50E-03	0.00E+00	0.00E+00	1.11E-12	2.33E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.81E-06	2.57E-03	8.15E-01	0.00E+00	9.96E-11	1.34E-08	1.72E-03	1.69E-06	1.32E-03	0.00E+00	8.15E-01	2.78E-09	8.15E-01	7.43E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04
WXF105	4.13E-05	6.11E-03	0.00E+00	6.11E-03	0.00E+00	0.00E+00	4.01E-03	2.30E-09	1.82E-05	1.99E-04	0.00E+00	0.00E+00	1.08E-13	2.08E-12	1.49E-05	0.00E+00	0.00E+00	0.00E+00	5.41E-07	2.15E-04	8.54E-02	0.00E+00	9.38E-12	3.15E-10	5.03E-05	1.53E-07	1.14E-04	0.00E+00	8.54E-02	2.41E-10	8.54E-02	8.55E-02	1.14E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05
WXF106	3.60E-05	5.67E-03	0.00E+00	5.67E-03	0.00E+00	0.00E+00	3.72E-03	2.13E-09	1.69E-05	1.85E-04	0.00E+00	0.00E+00	1.00E-13	1.93E-12	1.38E-05	0.00E+00	0.00E+00	0.00E+00	5.02E-07	1.99E-04	7.92E-02	0.00E+00	8.71E-12	2.92E-10	4.66E-05	1.42E-07	1.06E-04	0.00E+00	7.92E-02	2.24E-10	7.92E-02	7.93E-02	1.06E-04	0.00E+00	0.00E+00	0.00E+00	2.16E-05
WXF122	1.66E-04	2.46E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.61E-02	9.23E-09	7.31E-05	8.02E-04	0.00E+00	0.00E+00	4.33E-13	8.37E-12	6.00E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	8.64E-04	3.43E-01	0.00E+00	3.77E-11	1.27E-09	2.02E-04	6.15E-07	4.58E-04	0.00E+00	3.43E-01	9.69E-10	3.43E-01	3.44E-01	4.58E-04	0.00E+00	0.00E+00	0.00E+00	9.35E-05
WXF123	2.65E-04	3.92E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.57E-02	1.47E-08	1.17E-04	1.28E-03	0.00E+00	0.00E+00	6.90E-13	1.33E-11	9.56E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	1.38E-03	5.48E-01	0.00E+00	6.02E-11	2.02E-09	3.22E-04	9.81E-07	7.31E-04	0.00E+00	5.48E-01	1.55E-09	5.48E-01	5.48E-01	7.31E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04
WXF160B	4.84E-05	7.17E-03	0.00E+00	7.17E-03	0.00E+00	0.00E+00	4.70E-03	2.69E-09	2.13E-05	2.34E-04	0.00E+00	0.00E+00	1.26E-13	2.44E-12	1.75E-05	0.00E+00	0.00E+00	0.00E+00	6.35E-07	2.52E-04	1.00E-01	0.00E+00	1.10E-11	3.70E-10	5.90E-05	1.79E-07	1.34E-04	0.00E+00	1.00E-01	2.83E-10	1.00E-01	1.00E-01	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-05
WXF160D	4.21E-05	6.87E-03	4.57E-10	6.87E-03	2.05E-11	0.00E+00	4.53E-03	4.21E-09	2.09E-05	2.14E-04	0.00E+00	0.00E+00	1.23E-13	2.67E-12	1.86E-05	0.00E+00	0.00E+00	0.00E+00	6.20E-07	2.69E-04	9.68E-02	0.00E+00	1.06E-11	4.09E-10	5.77E-05	1.77E-07	1.38E-04	0.00E+00	9.68E-02	3.10E-10	9.68E-02	9.66E-02	1.38E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05
WXF160E	4.30E-05	6.91E-03	4.57E-10	6.91E-03	2.05E-11	0.00E+00	4.54E-03	2.63E-09	2.05E-05	2.25E-04	0.00E+00	0.00E+00	1.24E-13	2.68E-12	1.88E-05	0.00E+00	0.00E+00	0.00E+00	6.22E-07	2.49E-04	9.60E-02	0.00E+00	1.06E-11	3.49E-10	5.60E-05	1.74E-07	1.34E-04	0.00E+00	9.60E-02	2.75E-10	9.60E-02	9.57E-02	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-05
WXF160N	4.56E-05	7.30E-03	4.57E-10	7.31E-03	2.05E-11	0.00E+00	4.83E-03	4.13E-09	2.18E-05	2.30E-04	0.00E+00	0.00E+00	1.28E-13	2.48E-12	1.79E-05	0.00E+00	0.00E+00	0.00E+00	6.47E-07	2.64E-04	1.06E-01	0.00E+00	1.13E-11	4.23E-10	6.00E-05	1.85E-07	1.39E-04	0.00E+00	1.06E-01	2.87E-10	1.06E-01	1.06E-01	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-05
WXF160R	4.27E-05	6.91E-03	4.57E-10	6.91E-03	2.05E-11	0.00E+00	4.55E-03	4.03E-09	2.10E-05	2.15E-04	0.00E+00	0.00E+00	1.23E-13	2.68E-12	1.88E-05	0.00E+00	0.00E+00	0.00E+00	6.22E-07	2.55E-04	9.68E-02	0.00E+00	1.07E-11	4.09E-10	5.79E-05	1.76E-07	1.36E-04	0.00E+00	9.68E-02	2.75E-10	9.68E-02	9.66E-02	1.36E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-05
WXF160T	4.56E-05	7.30E-03	4.57E-10	7.31E-03	2.05E-11	0.00E+00	4.83E-03	4.13E-09	2.18E-05	2.30E-04	0.00E+00	0.00E+00	1.28E-13	2.48E-12	1.79E-05	0.00E+00	0.00E+00	0.00E+00	6.47E-07	2.64E-04	1.06E-01	0.00E+00	1.13E-11	4.23E-10	6.00E-05	1.85E-07	1.39E-04	0.00E+00	1.06E-01	2.87E-10	1.06E-01	1.06E-01	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-05
WXF160V	4.27E-05	6.93E-03	4.57E-10	6.94E-03	2.05E-11	0.00E+00	4.55E-03	4.03E-09	2.10E-05	2.15E-04	0.00E+00	0.00E+00	1.23E-13	2.68E-12	1.88E-05	0.00E+00	0.00E+00	0.00E+00	6.23E-07	2.54E-04	9.69E-02	0.00E+00	1.07E-11	4.09E-10	5.79E-05	1.77E-07	1.36E-04	0.00E+00	9.69E-02	2.75E-10	9.69E-02	9.67E-02	1.36E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-05
WXF165B	4.54E-05	8.16E-03	4.57E-10	8.15E-03	2.05E-11	0.00E+00	5.39E-03	4.81E-09	2.13E-05	2.35E-04	0.00E+00	0.00E+00	2.98E-13	3.87E-12	3.72E-05	0.00E+00	0.00E+00	0.00E+00	9.55E-07	2.99E-04	1.16E-01	0.00E+00	1.58E-11	4.22E-10	6.15E-05	2.10E-07	1.71E-04	0.00E+00	1.16E-01	3.28E-10	1.16E-01	1.16E-01	1.71E-04	0.00E+00	0.00E+00	0.00E+00	3.18E-05
WXF165N	2.92E-05	8.25E-03	4.57E-10	8.27E-03	2.05E-11	0.00E+00	5.49E-03	4.53E-09	1.24E-05	1.21E-04	0.00E+00	0.00E+00	1.07E-12	1.88E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	4.43E-06	5.80E-04	1.31E-01	0.00E+00	6.41E-11	3.24E-10	3.24E-05	2.17E-07	3.28E-04	0.00E+00	1.31E-01	3.38E-10	1.31E-01	1.29E-01	3.28E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-04
WXF165T	2.83E-05	8.14E-03	4.57E-10	8.15E-03	2.05E-11	0.00E+00	5.40E-03	3.10E-09	1.28E-05	1.26E-04	0.00E+00	0.00E+00	1.06E-12	1.87E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	4.42E-06	5.68E-04	1.30E-01	0.00E+00	6.23E-11	2.74E-10	3.05E-05	2.09E-07	3.23E-04	0.00E+00	1.30E-01	3.31E-10	1.30E-01	1.29E-01	3.23E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
WXF191N	1.05E-04	1.65E-02	4.57E-10	1.65E-02	2.05E-11	0.00E+00	1.08E-02	6.22E-09	4.87E-05	5.41E-04	0.00E+00	0.00E+00	2.90E-13	5.61E-12	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.90E-04	2.32E-01	0.00E+00	2.54E-11	8.52E-10	1.36E-04	4.16E-07	3.11E-04	0.00E+00	2.32E-01	6.53E-10	2.32E-01	2.33E-01	3.11E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-05
WXF421B	5.87E-05	3.72E-02	1.52E-07	3.72E-02	5.62E-08	0.00E+00	1.08E+00	1.39E-07	1.06E-05	1.17E-04	0.00E+00	1.56E-04	7.29E-12	1.39E-10	1.32E-03	1.59E-04	0.00E+00	0.00E+00	3.12E-05	3.45E-03	6.60E-01	0.00E+00	4.51E-10	5.04E-10	3.78E-05	2.73E-06	2.08E-03	0.00E+00	6.60E-01	1.33E-08	6.60E-01	6.62E-01	2.08E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-03
WXF421E	1.22E-04	1.17E-02	4.57E-10	1.18E-02	2.05E-11	0.00E+00	7.64E-03	5.66E-09	4.22E-05	4.57E-04	0.00E+00	0.00E+00	2.06E-13	3.93E-12	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-06	4.29E-04	1.71E-01	0.00E+00	1.77E-11	8.32E-10	1.42E-04	2.95E-07	2.29E-04	0.00E+00	1.71E-01	4.68E-10	1.71E-01	1.70E-01	2.29E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-05
WXF421N	1.21E-04	1.17E-02	4.57E-10	1.17E-02	2.05E-11	0.00E+00	7.64E-03	5.66E-09	4.19E-05	4.52E-04	0.00E+00	0.00E+00	2.06E-13	3.92E-12	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-06	4.29E-04	1.70E-01	0.00E+00	1.77E-11	8.33E-10	1.42E-04	2.94E-07	2.28E-04	0.00E+00	1.70E-01	4.67E-10	1.70E-01	1.69E-01	2.28E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-05
WXF421R	1.21E-04	1.17E-02	4.57E-10	1.17E-02	2.05E-11	0.00E+00	7.63E-03	5.66E-09	4.19E-05	4.51E-04	0.00E+00	0.00E+00	2.05E-13	3.91E-12	2.78E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-06	4.27E-04	1.70E-01	0.00E+00	1.77E-11	8.31E-10	1.42E-04	2.94E-07	2.28E-04	0.00E+00	1.70E-01	4.67E-10	1.70E-01	1.69E-01	2.28E-04	0.00E+00	0.00E+00	0.00E+00	4.43E-05
WXF421T	1.21E-04	1.17E-02	4.57E-10	1.17E-02	2.05E-11	0.00E+00	7.64E-03	5.66E-09	4.19E-05	4.52E-04	0.00E+00	0.00E+00	2.06E-13	3.92E-12	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-06	4.29E-04	1.70E-01	0.00E+00	1.77E-11	8.33E-10	1.42E-04	2.94E-07	2.28E-04	0.00E+00	1.70E-01	4.67E-10	1.70E-01	1.69E-01	2.28E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-05
WXF421V	1.22E-04	1.18E-02	4.57E-10	1.18E-02	2.05E-11	0.00E+00	7.69E-03	5.66E-09	4.23E-05	4.57E-04	0.00E+00	0.00E+00	2.06E-13	3.95E-12	2.80E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-06	4.29E-04	1.71E-01	0.00E+00	1.79E-11	8.34E-10	1.42E-04	2.95E-07	2.29E-04	0.00E+00	1.71E-01	4.69E-10	1.71E-01	1.70E-01	2.29E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-05
WXF422B	1.02E-04	1.60E-02	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.05E-02	6.02E-09	4.76E-05	5.23E-04	0.00E+00	0.00E+00	2.82E-13	5.46E-12	3.91E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-06	5.63E-04	2.24E-01	0.00E+00	2.46E-11	8.27E-10	1.32E-04	4.01E-07	2.99E-04	0.00E+00	2.24E-01	6.32E-10	2.24E-01	2.24E-01	2.99E-04	0.00E+00	0.00E+00	0.00E+00	6.09E-05
WXF422E	1.07E-04	1.72E-02	4.57E-10	1.72E-02	2.05E-11	0.00E+00	1.12E-02	6.38E-09	5.02E-05	5.51E-04	0.00E+00	0.00E+00	2.98E-13	5.84E-12	4.17E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-06	5.95E-04	2.43E-01	0.00E+00	2.63E-11	9.34E-10	1.48E-04	4.28E-07	3.20E-04	0.00E+00	2.43E-01	6.72E-10	2.43E-01	2.43E-01	3.20E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-05
WXF422N	9.75E-05	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.13E-02	6.45E-09	3.96E-05	4.08E-04	0.00E+00	0.00E+00	3.00E-13	5.87E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	1.04E-03	2.50E-01	0.00E+00	2.64E-11	7.56E-10	1.22E-04	5.85E-07	6.05E-04	0.00E+00	2.50E-01	6.83E-10	2.50E-01	2.50E-01	6.05E-04	0.00E+00	0.00E+00	0.00E+00	6.53E-05
WXF422R	1.09E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.13E-02	6.45E-09	5.05E-05	5.59E-04	0.00E+00	0.00E+00	2.99E-13	5.87E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.17E-04	2.48E-01	0.00E+00	2.64E-11	9.37E-10	1.50E-04	4.52E-07	3.38E-04	0.00E+00	2.48E-01	6.82E-10	2.48E-01	2.50E-01	3.38E-04	0.00E+00	0.00E+00	0.00E+00	6.44E-05
WXF422T	9.75E-05	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.13E-02	6.45E-09	3.96E-05	4.08E-04	0.00E+00	0.00E+00	3.00E-13	5.87E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	1.04E-03	2.50E-01	0.00E+00	2.64E-11	7.56E-10	1.22E-04	7.46E-07	6.05E-04	0.00E+00	2.50E-01	6.83E-10	2.50E-01	2.50E-01	6.05E-04	0.00E+00	0.00E+00	0.00E+00	6.53E-05
WXF422V	1.09E-04	1.74E-02	4.57E-10	1.74E-02	2.05E-11	0.00E+00	1.13E-02	6.45E-09	5.05E-05	5.61E-04	0.00E+00	0.00E+00	2.98E-13	5.87E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.17E-04	2.48E-01	0.00E+00	2.64E-11	9.37E-10	1.50E-04	4.46E-07	3.36E-04	0.00E+00	2.48E-01	6.82E-10	2.48E-01	2.49E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-05

Installation A5	WXF423B	1.45E-04	2.29E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.50E-02	8.59E-09	6.80E-05	7.46E-04	0.00E+00	0.00E+00	4.02E-13	7.79E-12	5.58E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.04E-04	3.20E-01	0.00E+00	3.51E-11	1.18E-09	1.88E-04	5.73E-07	4.26E-04	0.00E+00	3.20E-01	9.02E-10	3.20E-01	3.20E-01	4.26E-04	0.00E+00	0.00E+00	0.00E+00	8.70E-05
	WXF423E	1.50E-04	2.33E-02	4.57E-10	2.33E-02	2.05E-11	0.00E+00	1.53E-02	8.77E-09	7.09E-05	7.72E-04	0.00E+00	0.00E+00	4.17E-13	7.98E-12	5.90E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	8.21E-04	3.38E-01	0.00E+00	3.59E-11	1.21E-09	1.94E-04	5.95E-07	4.40E-04	0.00E+00	3.38E-01	9.34E-10	3.38E-01	3.38E-01	4.40E-04	0.00E+00	0.00E+00	0.00E+00	9.08E-05
	WXF423N	1.50E-04	2.32E-02	4.57E-10	2.32E-02	2.05E-11	0.00E+00	1.53E-02	8.73E-09	7.06E-05	7.57E-04	0.00E+00	0.00E+00	4.15E-13	7.93E-12	5.83E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	8.18E-04	3.33E-01	0.00E+00	3.59E-11	1.21E-09	1.94E-04	5.91E-07	4.39E-04	0.00E+00	3.33E-01	9.32E-10	3.33E-01	3.31E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	8.99E-05
	WXF423R	1.50E-04	2.33E-02	4.57E-10	2.33E-02	2.05E-11	0.00E+00	1.53E-02	8.75E-09	7.06E-05	7.62E-04	0.00E+00	0.00E+00	4.17E-13	7.99E-12	5.84E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	8.18E-04	3.36E-01	0.00E+00	3.58E-11	1.21E-09	1.93E-04	5.92E-07	4.39E-04	0.00E+00	3.36E-01	9.29E-10	3.36E-01	3.34E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	8.98E-05
	WXF423T	1.50E-04	2.32E-02	4.57E-10	2.32E-02	2.05E-11	0.00E+00	1.53E-02	8.73E-09	7.06E-05	7.58E-04	0.00E+00	0.00E+00	4.15E-13	7.95E-12	5.83E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	8.16E-04	3.33E-01	0.00E+00	3.58E-11	1.21E-09	1.94E-04	5.91E-07	4.39E-04	0.00E+00	3.33E-01	9.32E-10	3.33E-01	3.31E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	8.99E-05
	WXF423V	1.50E-04	2.33E-02	4.57E-10	2.33E-02	2.05E-11	0.00E+00	1.53E-02	8.76E-09	7.08E-05	7.72E-04	0.00E+00	0.00E+00	4.18E-13	8.05E-12	5.88E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.21E-04	3.38E-01	0.00E+00	3.59E-11	1.21E-09	1.93E-04	5.95E-07	4.40E-04	0.00E+00	3.38E-01	9.29E-10	3.38E-01	3.37E-01	4.40E-04	0.00E+00	0.00E+00	0.00E+00	9.06E-05
	WXF431	1.22E-04	1.17E-02	4.57E-10	1.17E-02	2.05E-11	0.00E+00	7.63E-03	5.66E-09	4.21E-05	4.55E-04	0.00E+00	0.00E+00	2.05E-13	3.91E-12	2.78E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-06	4.27E-04	1.70E-01	0.00E+00	1.77E-11	8.31E-10	1.42E-04	2.94E-07	2.28E-04	0.00E+00	1.70E-01	4.67E-10	1.70E-01	1.69E-01	2.28E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-05
	WXF432	1.05E-04	1.68E-02	4.57E-10	1.68E-02	2.05E-11	0.00E+00	1.11E-02	6.30E-09	5.01E-05	5.46E-04	0.00E+00	0.00E+00	2.97E-13	5.64E-12	4.14E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.84E-04	2.33E-01	0.00E+00	2.57E-11	9.25E-10	1.47E-04	4.20E-07	3.16E-04	0.00E+00	2.33E-01	6.57E-10	2.33E-01	2.33E-01	3.16E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-05
	WXF433	1.50E-04	2.33E-02	4.57E-10	2.33E-02	2.05E-11	0.00E+00	1.53E-02	8.76E-09	7.09E-05	7.73E-04	0.00E+00	0.00E+00	4.17E-13	8.01E-12	5.88E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	8.21E-04	3.39E-01	0.00E+00	3.59E-11	1.21E-09	1.93E-04	5.95E-07	4.40E-04	0.00E+00	3.39E-01	9.30E-10	3.39E-01	3.37E-01	4.40E-04	0.00E+00	0.00E+00	0.00E+00	9.06E-05
	WXF452B	1.01E-04	1.59E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	1.04E-02	5.95E-09	4.71E-05	5.17E-04	0.00E+00	0.00E+00	2.79E-13	5.40E-12	3.87E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-06	5.57E-04	2.21E-01	0.00E+00	2.43E-11	8.17E-10	1.30E-04	3.97E-07	2.95E-04	0.00E+00	2.21E-01	6.25E-10	2.21E-01	2.22E-01	2.95E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-05
	WXF452N	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.70E-09	5.24E-05	5.73E-04	0.00E+00	0.00E+00	3.15E-13	6.06E-12	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.19E-04	2.48E-01	0.00E+00	2.73E-11	9.10E-10	1.45E-04	4.48E-07	3.36E-04	0.00E+00	2.48E-01	7.04E-10	2.48E-01	2.49E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
	WXF452T	1.15E-04	1.75E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.16E-02	6.64E-09	5.19E-05	5.73E-04	0.00E+00	0.00E+00	3.14E-13	6.00E-12	4.35E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.18E-04	2.47E-01	0.00E+00	2.71E-11	9.04E-10	1.44E-04	4.44E-07	3.36E-04	0.00E+00	2.47E-01	6.99E-10	2.47E-01	2.49E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
	WXF453B	1.60E-04	2.54E-02	4.57E-10	2.52E-02	2.05E-11	0.00E+00	1.64E-02	9.46E-09	7.40E-05	8.03E-04	0.00E+00	0.00E+00	4.41E-13	8.69E-12	6.07E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.81E-04	3.53E-01	0.00E+00	3.81E-11	1.28E-09	2.03E-04	6.32E-07	4.66E-04	0.00E+00	3.53E-01	9.85E-10	3.53E-01	3.51E-01	4.66E-04	0.00E+00	0.00E+00	0.00E+00	9.49E-05
	WXF453N	1.60E-04	2.54E-02	4.57E-10	2.53E-02	2.05E-11	0.00E+00	1.65E-02	9.55E-09	7.35E-05	7.88E-04	0.00E+00	0.00E+00	4.44E-13	8.85E-12	6.12E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	8.94E-04	3.54E-01	0.00E+00	3.86E-11	1.28E-09	1.99E-04	6.39E-07	4.69E-04	0.00E+00	3.54E-01	1.00E-09	3.54E-01	3.53E-01	4.69E-04	0.00E+00	0.00E+00	0.00E+00	9.58E-05
	WXF453T	1.60E-04	2.54E-02	4.57E-10	2.53E-02	2.05E-11	0.00E+00	1.64E-02	9.50E-09	7.38E-05	8.05E-04	0.00E+00	0.00E+00	4.42E-13	8.71E-12	6.08E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.82E-04	3.53E-01	0.00E+00	3.83E-11	1.28E-09	2.04E-04	6.35E-07	4.67E-04	0.00E+00	3.53E-01	9.94E-10	3.53E-01	3.52E-01	4.67E-04	0.00E+00	0.00E+00	0.00E+00	9.52E-05
	WXF462B	4.44E-05	7.39E-03	4.57E-10	7.38E-03	2.05E-11	0.00E+00	4.90E-03	2.81E-09	2.10E-05	2.35E-04	0.00E+00	0.00E+00	1.40E-13	2.77E-12	2.23E-05	0.00E+00	0.00E+00	0.00E+00	7.13E-07	2.65E-04	1.05E-01	0.00E+00	1.12E-11	3.60E-10	5.70E-05	1.85E-07	1.41E-04	0.00E+00	1.05E-01	2.90E-10	1.05E-01	1.06E-01	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05
	WXF462R	4.43E-05	7.92E-03	4.57E-10	7.91E-03	2.05E-11	0.00E+00	5.23E-03	4.52E-09	2.17E-05	2.40E-04	0.00E+00	0.00E+00	1.53E-13	2.94E-12	2.79E-05	0.00E+00	0.00E+00	0.00E+00	7.54E-07	2.83E-04	1.10E-01	0.00E+00	1.38E-11	4.32E-10	6.29E-05	2.01E-07	1.53E-04	0.00E+00	1.10E-01	3.08E-10	1.10E-01	1.10E-01	1.53E-04	0.00E+00	0.00E+00	0.00E+00	3.16E-05
	WXF472B	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.69E-09	5.24E-05	5.74E-04	0.00E+00	0.00E+00	3.15E-13	6.04E-12	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.19E-04	2.48E-01	0.00E+00	2.73E-11	9.10E-10	1.45E-04	4.46E-07	3.36E-04	0.00E+00	2.48E-01	7.02E-10	2.48E-01	2.50E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
	WXF472E	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.69E-09	5.24E-05	5.68E-04	0.00E+00	0.00E+00	3.14E-13	6.05E-12	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.20E-04	2.48E-01	0.00E+00	2.73E-11	9.10E-10	1.45E-04	4.47E-07	3.36E-04	0.00E+00	2.48E-01	7.01E-10	2.48E-01	2.49E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
	WXF472N	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.69E-09	5.24E-05	5.73E-04	0.00E+00	0.00E+00	3.15E-13	6.04E-12	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.19E-04	2.47E-01	0.00E+00	2.73E-11	9.10E-10	1.45E-04	4.46E-07	3.36E-04	0.00E+00	2.47E-01	7.02E-10	2.47E-01	2.49E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
	WXF472R	1.14E-04	1.80E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.18E-02	6.76E-09	5.35E-05	5.87E-04	0.00E+00	0.00E+00	3.17E-13	6.12E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.32E-04	2.51E-01	0.00E+00	2.76E-11	9.28E-10	1.48E-04	4.50E-07	3.35E-04	0.00E+00	2.51E-01	7.09E-10	2.51E-01	2.52E-01	3.35E-04	0.00E+00	0.00E+00	0.00E+00	6.84E-05
	WXF472T	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.69E-09	5.24E-05	5.74E-04	0.00E+00	0.00E+00	3.15E-13	6.04E-12	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.19E-04	2.48E-01	0.00E+00	2.73E-11	9.10E-10	1.45E-04	4.46E-07	3.36E-04	0.00E+00	2.48E-01	7.02E-10	2.48E-01	2.50E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
	WXF472V	1.15E-04	1.76E-02	4.57E-10	1.76E-02	2.05E-11	0.00E+00	1.17E-02	6.69E-09	5.24E-05	5.68E-04	0.00E+00	0.00E+00	3.15E-13	6.05E-12	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.20E-04	2.48E-01	0.00E+00	2.73E-11	9.10E-10	1.45E-04	4.47E-07	3.36E-04	0.00E+00	2.48E-01	7.01E-10	2.48E-01	2.49E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
	WXF473B	1.47E-04	2.54E-02	4.57E-10	2.53E-02	2.05E-11	0.00E+00	1.65E-02	9.56E-09	6.98E-05	7.18E-04	0.00E+00	0.00E+00	4.46E-13	8.92E-12	6.13E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	9.01E-04	3.56E-01	0.00E+00	3.87E-11	1.23E-09	1.79E-04	6.39E-07	4.68E-04	0.00E+00	3.56E-01	1.01E-09	3.56E-01	3.55E-01	4.68E-04	0.00E+00	0.00E+00	0.00E+00	9.58E-05
	WXF473N	1.60E-04	2.53E-02	4.57E-10	2.52E-02	2.05E-11	0.00E+00	1.63E-02	9.43E-09	7.35E-05	8.05E-04	0.00E+00	0.00E+00	4.39E-13	8.67E-12	6.05E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	8.81E-04	3.50E-01	0.00E+00	3.77E-11	1.28E-09	2.03E-04	6.32E-07	4.66E-04	0.00E+00	3.50E-01	9.75E-10	3.50E-01	3.48E-01	4.66E-04	0.00E+00	0.00E+00	0.00E+00	9.45E-05
	WXF473R	1.54E-04	2.54E-02	4.57E-10	2.53E-02	2.05E-11	0.00E+00	1.65E-02	9.56E-09	7.19E-05	7.74E-04	0.00E+00	0.00E+00	4.44E-13	8.86E-12	6.12E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	8.94E-04	3.54E-01	0.00E+00	3.87E-11	1.28E-09	1.95E-04	6.39E-07	4.68E-04	0.00E+00	3.54E-01	1.00E-09	3.54E-01	3.53E-01	4.68E-04	0.00E+00	0.00E+00	0.00E+00	9.59E-05
	WXF473T	1.60E-04	2.53E-02	4.57E-10	2.52E-02	2.05E-11	0.00E+00	1.63E-02	9.39E-09	7.34E-05	8.02E-04	0.00E+00	0.00E+00	4.39E-13	8.65E-12	6.04E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	8.81E-04	3.49E-01	0.00E+00	3.76E-11	1.27E-09	2.03E-04	6.31E-07	4.65E-04	0.00E+00	3.49E-01	9.73E-10	3.49E-01	3.47E-01	4.65E-04	0.00E+00	0.00E+00	0.00E+00	9.42E-05
	WXPSS81	4.52E-03	1.30E-01	0.00E+00	1.30E-01	0.00E+00	0.00E+00	7.77E-02	4.48E-08	1.07E-03	1.17E-02	0.00E+00	0.00E+00	1.93E-12	4.31E-11	2.69E-04	0.00E+00	0.00E+00	0.00E+00	9.96E-06	3.97E-03	1.65E+00	0.00E+00	1.69E-10	2.38E-08	3.01E-03	2.76E-06	2.10E-03	0.00E+00	1.65E+00	4.65E-09	1.65E+00	1.65E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	4.28E-04
	WXPSS82	9.04E-03	1.94E-01	0.00E+00	1.94E-01	0.00E+00	0.00E+00	1.16E-01	6.67E-08	1.59E-03	1.74E-02	0.00E+00	0.00E+00	2.88E-12	6.43E-11	4.01E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-05	5.92E-03	2.45E+00	0.00E+00	2.52E-10	3.55E-08	4.48E-03	4.11E-06	3.14E-03	0.00E+00	2.45E+00	6.93E-09	2.45E+00	2.46E+00	3.14E-03	0.00E+00	0.00E+00	0.00E+00	6.38E-04
	GS20009016	4.51E-05	2.00E-02	3.77E-03	1.62E-02	0.00E+00	0.00E+00	2.34E-01	2.22E-07	2.15E-05	1.34E-04	0.00E+00	3.96E-04	1.79E-09	5.23E-11	2.42E-03	4.33E-05	1.33E-03	0.00E+00	2.82E-05	6.65E-03	1.54E-01	0.00E+00	2.08E-10	2.69E-10	3.13E-05	7.98E-07	2.05E-02	0.00E+00	1.54E-01	3.78E-10	1.54E-01	1.75E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
	194802	9.04E-05	3.92E-02	7.06E-03	3.22E-02	2.11E-13	0.00E+00	4.47E-01	4.32E-07	4.13E-05	2.64E-04	0.00E+00	7.49E-04	3.42E-09	9.99E-11	4.80E-03	8.57E-05	2.84E-03	3.70E-04	5.50E-05	1.28E-02	3.02E-01	0.00E+00	4.08E-10	5.31E-10	6.14E-05	1.63E-06	4.04E-02	0.00E+00	3.02E-01	7.30E-10	3.02E-01	3.42E-01	4.04E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
	194818	1.78E-05	2.41E-03	3.24E-04	6.28E-03	3.06E-13	0.00E+00	8.05E-02	8.04E-08	7.47E-06	5.13E-05	0.00E+00	3.96E-05	6.16E-10	1.79E-11	9.26E-04	1.70E-05	6.05E-04	2.50E-04	3.10E-06	2.27E-03	5.77E-02	0.00E+00	7.87E-11	1.03E-10	1.18E-05	3.46E-07	7.81E-03	0.00E+00	5.77E-02	4.60E-11	5.77E-02	6.55E-02	7.81E-03	0.00E+00	0.00E+00	0.00E+00	5.09E-04
	194819	9.99E-05	4.26E-02	7.66E-03	3.56E-02	2.69E-13	0.00E+00	4.93E-01	4.77E-07	4.55E-05	2.91E-04	0.00E+00	8.13E-04	3.77E-09	1.10E-10	5.30E-03	9.48E-05	3.14E-03	4.33E-04	5.97E-05	1.41E-02	3.33E-01	0.00E+00	4.51E-10	5.87E-10	6.78E-05	1.81E-06	4.47E-02	0.00E+00	3.33E-01	7.94E-10	3.33E-01	3.78E-01	4.47E-02	0.00E+00	0.00E+00	0.00E+00	2.73E-03
	194830	1.36E-04	6.25E-02	1.13E-02	4.87E-02	1.53E-13	0.00E+00	6.80E-01	6.55E-07	6.27E-05	3.98E-04	0.00E+00	1.20E-03	5.20E-09	1.52E-10	7.25E-03	1.29E-04	4.26E-03	4.47E-04	8.78E-05	1.95E-02	4.57E-01	0.00E+00	6.17E-10	8.03E-10	9.28E-05	2.45E-06	6.11E-02	0.00E+00	4.57E-01	1.16E-09	4.57E-01	5.18E-01	6.11E-02	0.00E+00	0.00E+00	0.00E+00	3.71E-03
	396103	1.02E-04	7.93E-02	4.74E-02	3.29E-02	2.38E-10	0.00E+00	4.60E-01	4.47E-07	4.23E-05	3.06E-04	0.00E+00	1.84E-03	3.56E-09	1.00E-10	4.72E-03	1.08E-04	2.78E-03	2.38E-02	2.12E-04	9.82E-03	3.34E-01	0.00E+00	4.73E-10	6.00E-10	6.99E-05	2.10E-06	4.49E-02	0.00E+00	3.34E-01	1.71E-09	3.34E-01	3.79E-01	4.49E-02	0.00E+00	0.00E+00	0.00E+00	2.81E-03
	396161	3.66E-05	2.75E-02	1.59E-02	1.19E-02	8.00E-11	0.00E+00	1.68E-01	1.63E-07	1.55E-05	1.09E-04	0.00E+00	6.37E-04	1.30E-09	3.69E-11	1.74E-03	3.83E-05	1.02E-03	7.92E-03	7.21E-05	3.80E-03	1.20E-01	0.00E+00	1.69E-10	2.15E-10	2.51E-05	7.33E-07	1.62E-02	0.00E+00	1.20E-01	5.94E-10	1.20E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
	396380	4.15E-05	1.84E-02	3.46E-03	1.49E-02	0.00E+00	0.00E+00	2.15E-01	2.04E-07	1.98E-05	1.23E-04	0.00E+00	3.64E-04	1.65E-09	4.81E-11	2.22E-03	3.98E-05	1.23E-03	0.00E+00	2.59E-05	6.12E-03	1.41E-01	0.00E+00	1.91E-10	2.48E-10	2.88E-05	7.34E-07	1.89E-02	0.00E+00	1.41E-01	3.47E-10	1.41E-01	1.60E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
	396765	5.49E-05	2.44E-02	4.59E-03	1.98E-02	0.00E+00	0.00E+00	2.85E-01	2.71E-07	2.62E-05	1.63E-04	0.00E+00	4.82E-04	2.18E-09	6.37E-11	2.94E-03	5.27E-05	1.62E-03	0.00E+00	3.43E-05	8.10E-03	1.87E-01	0.00E+00	2.53E-10	3.28E-10	3.81E-05	9.72E-07	2.50E-02	0.00E+00	1.87E-01	4.60E-10	1.87E-01	2.12E-01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
	396768	6.21E-05	4.91E-02	2.95E-02	1.96E-02	1.46E-10	0.00E+00	2.77E-01	2.71E-07	2.54E-05	1.86E-04	0.00E+00	1.10E-03	2.17E-09	5.99E-11	2.82E-03	6.52E-05	1.62E-03	1.48E-02	1.31E-04	5.67E-03	2.03E-01	0.00E+00	2.88E-10	3.64E-10	4.25E-05	1.29E-06	2.72E-02	0.00E+00	2.03E-01	1.03E-09	2.03E-01	2.30E-01	2.72E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-03
	396874	4.15E-05	1.84E-02	3.46E-03	1.49E-02	0.00E+00	0.00E+00	2.15E-01	2.04E-07	1.98E-05	1.23E-04	0.00E+00	3.64E-04	1.65E-09	4.81E-11	2.22E-03	3.98E-05	1.23E-03	0.00E+00	2.59E-05	6.12E-03	1.41E-01	0.00E+00	1.91E-10	2.48E-10	2.88E-05	7.34E-07	1.89E-02	0.00E+00	1.41E-01	3.47E-10	1.41E-01	1.60E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
	404049	6.38E-05	2.83E-02	5.33E-03	2.30E-02	0.00E+00	0.00E+00	3.31E-01	3.15E-07	3.05E-05	1.89E-04	0.00E+00	5.60E-04	2.53E-09	7.40E-11	3.42E-03	6.12E-05	1.89E-03	0.00E+00	3.99E-05	9.41E-03	2.18E-01	0.00E+00	2.94E-10	3.81E-10	4.43E-05	1.13E-06	2.91E-02	0.00E+00	2.18E-01	5.34E-10	2.18E-01	2.47E-01	2.91E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-03
	41091404	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41091606	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41091909	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41092045	6.62E-05	4.97E-02	2.88E-02	2.15E-02	1.45E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.98E-04	0.00E+00	1.15E-03	2.35E-09	6.67E-11	3.15E-03	6.93E-05	1.84E-03	1.43E-02	1.30E-04	6.86E-03	2.18E-01	0.00E+00	3.06E-10	3.89E-10	4.53E-05	1.33E-06	2.92E-02	0.00E+00	2.18E-01	1.07E-09	2.18E-01	2.47E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
	41092089	6.62E-05	4.97E-02	2.88E-02	2.15E-02	1.45E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.98E-04	0.00E+00	1.15E-03	2.35E-09	6.67E-11	3.15E-03	6.93E-05	1.84E-03	1.43E-02	1.30E-04	6.86E-03	2.18E-01	0.00E+00	3.06E-10	3.89E-10	4.53E-05	1.33E-06	2.92E-02	0.00E+00	2.18E-01	1.07E-09	2.18E-01	2.47E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
	41096084	7.01E-05	3.35E-02	6.09E-03	2.51E-02	1.20E-14	0.00E+00	3.51E-01	3.38E-07	3.24E-05	2.05E-04	0.00E+00	6.43E-04	2.69E-09	7.86E-11	3.73E-03	6.65E-05	2.18E-03	1.85E-04	4.71E-05	1.01E-02	2.35E-01	0.00E+00	3.18E-10	4.13E-10	4.78E-05	1.25E-06	3.15E-02	0.00E+00	2.35E-01	6.23E-10	2.35E-01	2.67E-01	3.15E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
	41096086	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41096089	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41097003	4.28E-04	2.13E-01	3.88E-02	1.53E-01	3.37E-13	0.00E+00	2.16E+00	2.07E-06	1.99E-04	1.25E-03	0.00E+00	4.09E-03	1.65E-08	4.82E-10	2.28E-02	4.06E-04	1.32E-02	8.53E-04	2.99E-04	6.20E-02	1.44E+00	0.00E+00	1.94E-09	2.52E-09	2.92E-04	7.61E-06	1.92E-01	0.00E+00	1.44E+00	3.95E-09	1.44E+00	1.63E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	1.16E-02
	41097006	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41097009	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41098982	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41098989	8.69E-05	3.68E-02	6.52E-03	3.03E-02	0.00E+00	0.00E+00	4.07E-01	3.97E-07	3.76E-05	2.37E-04	0.00E+00	6.89E-04	3.10E-09	9.16E-11	4.54E-03	7.49E-05	2.87E-03	6.16E-04	5.32E-05	1.26E-02	2.74E-01	0.00E+00	3.65E-10	4.81E-10	5.52E-05	1.46E-06	3.67E-02	0.00E+00	2.74E-01	6.85E-10	2.74E-01	3.11E-01	3.67E-02	0.00E+00	0.00E+00	0.00E+00	2.28E-03
	41101909	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41101913	4.70E-05	2.19E-02	3.98E-03	1.68E-02	3.50E-14	0.00E+00	2.35E-01	2.26E-07	2.17E-05	1.37E-04	0.00E+00	4.20E-04	1.80E-09	5.25E-11	2.50E-03	4.46E-05	1.46E-03	1.42E-04	3.08E-05	6.74E-03	1.58E-01	0.00E+00	2.13E-10	2.77E-10	3.20E-05	8.43E-07	2.11E-02	0.00E+00	1.58E-01	4.08E-10	1.58E-01	1.79E-01	2.11E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
	41101914	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41101915	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41101924	4.83E-05	2.26E-02	4.10E-03	1.73E-02	3.30E-14	0.00E+00	2.42E-01	2.32E-07	2.23E-05	1.41E-04	0.00E+00	4.33E-04	1.85E-09	5.40E-11	2.57E-03	4.59E-05	1.51E-03	1.44E-04	3.18E-05	6.93E-03	1.62E-01	0.00E+00	2.19E-10	2.85E-10	3.29E-05	8.66E-07	2.17E-02	0.00E+00	1.62E-01	4.20E-10	1.62E-01	1.84E-01	2.17E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
	41102007	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.80E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.56E-04	3.81E-05	8.21E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
	41102022	6.47E-05	3.09E-02	5.62E-03	2.31E-02	1.10E-14	0.00E+00	3.24E-01	3.12E-07	2.99E-05	1.89E-04	0.00E+00	5.94E-04	2.48E-09	7.25E-11	3.45E-03	6.14E-05	2.01E-03	1.71E-04	4.35E-05	9.31E-03	2.17E-01	0.00E+00	2.93E-10	3.81E-10	4.41E-05	1.16E-06	2.90E-02	0.00E+00	2.17E-01	5.75E-10	2.17E-01	2.46E-01	2.90E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-03
	41102045	6.61E-05	4.94E-02	2.85E-02	2.15E-02	1.43E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.97E-04	0.00E+00	1.14E-03	2.35E-09	6.67E-11	3.16E-03	6.91E-05	1.84E-03	1.42E-02	1.29E-04	6.90E-03	2.17E-01	0.00E+00	3.05E-10	3.89E-10	4.52E-05	1.32E-06	2.92E-02	0.00E+00	2.17E-01	1.07E-09	2.17E-01	2.46E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
	41102089	6.62E-05	4.97E-02	2.88E-02	2.15E-02	1.45E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.98E-04	0.00E+00	1.15E-03	2.35E-09	6.67E-11	3.15E-03	6.93E-05	1.84E-03	1.43E-02	1.30E-04	6.86E-03	2.18E-01	0.00E+00	3.06E-10	3.89E-10	4.53E-05	1.33E-06	2.92E-02	0.00E+00	2.18E-01	1.07E-09	2.18E-01	2.47E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
	41106013	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41106014	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41106015	5.79E-05	2.73E-02	4.97E-03	2.07E-02	2.40E-14	0.00E+00	2.90E-01	2.79E-07	2.67E-05	1.69E-04	0.00E+00	5.25E-04	2.21E-09	6.48E-11	3.08E-03	5.49E-05	1.80E-03	1.62E-04	3.85E-05	8.31E-03	1.94E-01	0.00E+00	2.62E-10	3.41E-10	3.94E-05	1.04E-06	2.60E-02	0.00E+00	1.94E-01	5.09E-10	1.94E-01	2.20E-01	2.60E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-03
	41106024	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41106084	6.60E-05	3.14E-02	5.72E-03	2.36E-02	1.60E-14	0.00E+00	3.31E-01	3.18E-07	3.05E-05	1.93E-04	0.00E+00	6.04E-04	2.53E-09	7.40E-11	3.52E-03	6.26E-05	2.05E-03	1.78E-04	4.42E-05	9.50E-03	2.21E-01	0.00E+00	2.99E-10	3.89E-10	4.50E-05	1.18E-06	2.96E-02	0.00E+00	2.21E-01	5.85E-10	2.21E-01	2.51E-01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
	41106086	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41106089	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41107009	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41107113	5.52E-05	2.60E-02	4.72E-03	1.97E-02	2.70E-14	0.00E+00	2.76E-01	2.66E-07	2.54E-05	1.61E-04	0.00E+00	4.99E-04	2.11E-09	6.17E-11	2.94E-03	5.23E-05	1.72E-03	1.57E-04	3.66E-05	7.92E-03	1.85E-01	0.00E+00	2.50E-10	3.25E-10	3.76E-05	9.88E-07	2.47E-02	0.00E+00	1.85E-01	4.84E-10	1.85E-01	2.10E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
	41107114	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41107115	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41108913	7.07E-05	3.27E-02	5.74E-03	2.69E-02	0.00E+00	0.00E+00	3.57E-01	3.50E-07	3.31E-05	2.08E-04	0.00E+00	6.01E-04	2.71E-09	8.05E-11	4.04E-03	6.56E-05	2.60E-03	6.37E-04	4.75E-05	1.13E-02	2.41E-01	0.00E+00	3.21E-10	4.24E-10	4.86E-05	1.29E-06	3.24E-02	0.00E+00	2.41E-01	2.09E-10	2.41E-01	2.74E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
	41108914	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41108915	2.80E-04	1.40E-01	2.56E-02	1.00E-01	2.64E-13	0.00E+00	1.41E+00	1.36E-06	1.30E-04	8.20E-04	0.00E+00	2.70E-03	1.08E-08	3.16E-10	1.49E-02	2.66E-04	8.65E-03	5.30E-04	1.97E-04	4.06E-02	9.42E-01	0.00E+00	1.27E-09	1.65E-09	1.91E-04	4.98E-06	1.26E-01	0.00E+00	9.42E-01	2.61E-09	9.42E-01	1.07E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	7.56E-03
	41108924	6.74E-05	3.21E-02	5.84E-03	2.41E-02	1.40E-14	0.00E+00	3.37E-01	3.24E-07	3.11E-05	1.97E-04	0.00E+00	6.17E-04	2.58E-09	7.55E-11	3.59E-03	6.39E-05	2.09E-03	1.80E-04	4.52E-05	9.69E-03	2.26E-01	0.00E+00	3.05E-10	3.97E-10	4.59E-05	1.20E-06	3.02E-02	0.00E+00	2.26E-01	5.97E-10	2.26E-01	2.56E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
	41108989	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41157003	5.72E-05	2.71E-02	4.93E-03	2.04E-02	2.00E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.58E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
	41157004	5.75E-05	2.71E-02	4.93E-03	2.06E-02	2.60E-14	0.00E+00	2.88E-01	2.77E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.63E-04	3.81E-05	8.26E-03	1.93E-01	0.00E+00	2.60E-10	3.39E-10	3.92E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	41157006	6.21E-05	2.76E-02	5.19E-03	2.24E-02	0.00E+00	0.00E+00	3.22E-01	3.06E-07	2.97E-05	1.84E-04	0.00E+00	5.45E-04	2.46E-09	7.20E-11	3.33E-03	5.96E-05	1.84E-03	0.00E+00	3.88E-05	9.16E-03	2.12E-01	0.00E+00	2.87E-10	3.71E-10	4.31E-05	1.10E-06	2.83E-02	0.00E+00	2.12E-01	5.20E-10	2.12E-01	2.40E-01	2.83E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
	41157009	6.20E-05	2.75E-02	5.18E-03	2.23E-02	0.00E+00	0.00E+00	3.22E-01	3.06E-07	2.96E-05	1.84E-04	0.00E+00	5.44E-04	2.46E-09	7.19E-11	3.32E-03	5.95E-05	1.83E-03	0.00E+00	3.87E-05	9.15E-03	2.12E-01	0.00E+00	2.86E-10	3.70E-10	4.30E-05	1.10E-06	2.82E-02	0.00E+00	2.12E-01	5.19E-10	2.12E-01	2.40E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
	41231404	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
	41231606	7.63E-05	3.68E-02	6.71E-03	2.73E-02	8.00E-15	0.00E+00	3.83E-01	3.68E-07	3.53E-05	2.23E-04	0.00E+00	7.08E-04	2.93E-09	8.56E-11	4.06E-03	7.23E-05	2.36E-03	1.87E-04	5.19E-05	1.10E-02	2.56E-01	0.00E+00	3.46E-10	4.50E-10	5.20E-05	1.36E-06	3.42E-02	0.00E+00	2.56E-01	6.85E-10	2.56E-01	2.90E-01	3.42E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03

41231909	5.49E-05	2.59E-02	4.70E-03	1.96E-02	2.60E-14	0.00E+00	2.75E-01	2.64E-07	2.53E-05	1.60E-04	0.00E+00	4.97E-04	2.10E-09	6.14E-11	2.92E-03	5.20E-05	1.71E-03	1.56E-04	3.64E-05	7.88E-03	1.84E-01	0.00E+00	2.49E-10	3.23E-10	3.74E-05	9.82E-07	2.46E-02	0.00E+00	1.84E-01	4.82E-10	1.84E-01	2.09E-01	2.46E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
41232045	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
41232089	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
41236084	8.46E-05	4.09E-02	7.46E-03	3.03E-02	1.10E-14	0.00E+00	4.25E-01	4.08E-07	3.92E-05	2.48E-04	0.00E+00	7.87E-04	3.25E-09	9.50E-11	4.51E-03	8.03E-05	2.62E-03	2.06E-04	5.76E-05	1.22E-02	2.84E-01	0.00E+00	3.84E-10	4.99E-10	5.77E-05	1.51E-06	3.80E-02	0.00E+00	2.84E-01	7.62E-10	2.84E-01	3.22E-01	3.80E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03
41236086	8.19E-05	3.96E-02	7.21E-03	2.93E-02	9.00E-15	0.00E+00	4.11E-01	3.95E-07	3.79E-05	2.40E-04	0.00E+00	7.61E-04	3.14E-09	9.20E-11	4.36E-03	7.77E-05	2.54E-03	2.01E-04	5.57E-05	1.18E-02	2.75E-01	0.00E+00	3.71E-10	4.83E-10	5.59E-05	1.46E-06	3.68E-02	0.00E+00	2.75E-01	7.36E-10	2.75E-01	3.12E-01	3.68E-02	0.00E+00	0.00E+00	0.00E+00	2.22E-03
41236089	6.19E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
41238982	8.06E-05	3.89E-02	7.09E-03	2.88E-02	7.00E-15	0.00E+00	4.04E-01	3.89E-07	3.73E-05	2.36E-04	0.00E+00	7.48E-04	3.09E-09	9.04E-11	4.29E-03	7.64E-05	2.50E-03	1.98E-04	5.47E-05	1.16E-02	2.70E-01	0.00E+00	3.65E-10	4.75E-10	5.49E-05	1.44E-06	3.62E-02	0.00E+00	2.70E-01	7.24E-10	2.70E-01	3.07E-01	3.62E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
41238989	6.19E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
41241404	7.95E-05	3.83E-02	6.99E-03	2.84E-02	5.00E-15	0.00E+00	3.99E-01	3.84E-07	3.68E-05	2.33E-04	0.00E+00	7.37E-04	3.05E-09	8.93E-11	4.24E-03	7.54E-05	2.47E-03	1.98E-04	5.40E-05	1.15E-02	2.67E-01	0.00E+00	3.61E-10	4.69E-10	5.42E-05	1.42E-06	3.57E-02	0.00E+00	2.67E-01	7.14E-10	2.67E-01	3.03E-01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-03
41241606	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.70E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.56E-04	3.81E-05	8.21E-03	1.91E-01	0.00E+00	2.59E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
41241909	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.70E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.56E-04	3.81E-05	8.21E-03	1.91E-01	0.00E+00	2.59E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
41248982	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.70E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.56E-04	3.81E-05	8.21E-03	1.91E-01	0.00E+00	2.59E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
41248989	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.70E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.56E-04	3.81E-05	8.21E-03	1.91E-01	0.00E+00	2.59E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
41357003	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
41357004	5.76E-05	2.71E-02	4.93E-03	2.06E-02	2.80E-14	0.00E+00	2.88E-01	2.77E-07	2.66E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.44E-11	3.06E-03	5.46E-05	1.79E-03	1.64E-04	3.81E-05	8.27E-03	1.93E-01	0.00E+00	2.61E-10	3.39E-10	3.92E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
41357006	6.50E-05	3.11E-02	5.66E-03	2.32E-02	9.00E-15	0.00E+00	3.26E-01	3.13E-07	3.00E-05	1.90E-04	0.00E+00	5.97E-04	2.49E-09	7.28E-11	3.46E-03	6.16E-05	2.02E-03	1.70E-04	4.37E-05	9.35E-03	2.18E-01	0.00E+00	2.94E-10	3.83E-10	4.43E-05	1.16E-06	2.92E-02	0.00E+00	2.18E-01	5.78E-10	2.18E-01	2.47E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
41357009	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.70E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.56E-04	3.81E-05	8.21E-03	1.91E-01	0.00E+00	2.59E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
41392045	1.88E-04	9.33E-02	1.70E-02	6.74E-02	1.32E-13	0.00E+00	9.49E-01	9.11E-07	8.75E-05	5.51E-04	0.00E+00	1.80E-03	7.26E-09	2.12E-10	1.00E-02	1.79E-04	5.82E-03	3.86E-04	1.31E-04	2.73E-02	6.33E-01	0.00E+00	8.55E-10	1.11E-09	1.29E-04	3.35E-06	8.46E-02	0.00E+00	6.33E-01	1.74E-09	6.33E-01	7.18E-01	8.46E-02	0.00E+00	0.00E+00	0.00E+00	5.09E-03
41392089	2.78E-05	1.29E-02	2.34E-03	9.92E-03	2.30E-14	0.00E+00	1.39E-01	1.33E-07	1.28E-05	8.11E-05	0.00E+00	2.47E-04	1.06E-09	3.10E-11	1.48E-03	2.63E-05	8.65E-04	8.57E-05	1.81E-05	3.98E-03	9.30E-02	0.00E+00	1.26E-10	1.63E-10	1.89E-05	4.98E-07	1.24E-02	0.00E+00	9.30E-02	2.40E-10	9.30E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.53E-04
41401606	2.51E-04	1.24E-01	2.27E-02	8.98E-02	1.86E-13	0.00E+00	1.26E+00	1.21E-06	1.16E-04	7.34E-04	0.00E+00	2.40E-03	9.66E-09	2.83E-10	1.34E-02	2.38E-04	7.75E-03	5.08E-04	1.75E-04	3.63E-02	8.43E-01	0.00E+00	1.14E-09	1.48E-09	1.71E-04	4.46E-06	1.13E-01	0.00E+00	8.43E-01	2.31E-09	8.43E-01	9.56E-01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	6.77E-03
41401909	4.77E-05	2.27E-02	4.13E-03	1.70E-02	1.20E-14	0.00E+00	2.39E-01	2.30E-07	2.20E-05	1.39E-04	0.00E+00	4.36E-04	1.83E-09	5.34E-11	2.54E-03	4.52E-05	1.48E-03	1.28E-04	3.19E-05	6.85E-03	1.60E-01	0.00E+00	2.16E-10	2.81E-10	3.25E-05	8.52E-07	2.14E-02	0.00E+00	1.60E-01	4.22E-10	1.60E-01	1.81E-01	2.14E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
41406086	4.72E-05	2.24E-02	4.08E-03	1.69E-02	1.30E-14	0.00E+00	2.36E-01	2.27E-07	2.18E-05	1.38E-04	0.00E+00	4.31E-04	1.81E-09	5.28E-11	2.51E-03	4.47E-05	1.46E-03	1.28E-04	3.15E-05	6.78E-03	1.58E-01	0.00E+00	2.14E-10	2.78E-10	3.21E-05	8.43E-07	2.12E-02	0.00E+00	1.58E-01	4.17E-10	1.58E-01	1.79E-01	2.12E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
41406089	4.90E-05	2.34E-02	4.25E-03	1.75E-02	1.00E-14	0.00E+00	2.46E-01	2.36E-07	2.26E-05	1.43E-04	0.00E+00	4.49E-04	1.88E-09	5.49E-11	2.61E-03	4.65E-05	1.52E-03	1.31E-04	3.29E-05	7.05E-03	1.64E-01	0.00E+00	2.22E-10	2.89E-10	3.34E-05	8.76E-07	2.20E-02	0.00E+00	1.64E-01	4.35E-10	1.64E-01	1.86E-01	2.20E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
41407006	4.88E-05	2.32E-02	4.23E-03	1.74E-02	1.20E-14	0.00E+00	2.44E-01	2.35E-07	2.25E-05	1.43E-04	0.00E+00	4.46E-04	1.87E-09	5.46E-11	2.60E-03	4.63E-05	1.52E-03	1.31E-04	3.27E-05	7.02E-03	1.64E-01	0.00E+00	2.21E-10	2.87E-10	3.32E-05	8.72E-07	2.19E-02	0.00E+00	1.64E-01	4.32E-10	1.64E-01	1.85E-01	2.19E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
41407009	2.60E-04	1.29E-01	2.36E-02	9.32E-02	1.96E-13	0.00E+00	1.31E+00	1.26E-06	1.21E-04	7.62E-04	0.00E+00	2.49E-03	1.00E-08	2.93E-10	1.39E-02	2.47E-04	8.04E-03	5.26E-04	1.82E-04	3.77E-02	8.75E-01	0.00E+00	1.18E-09	1.54E-09	1.78E-04	4.63E-06	1.17E-01	0.00E+00	8.75E-01	2.40E-09	8.75E-01	9.92E-01	1.17E-01	0.00E+00	0.00E+00	0.00E+00	7.03E-03
41408982	4.82E-05	2.29E-02	4.18E-03	1.72E-02	1.10E-14	0.00E+00	2.41E-01	2.32E-07	2.23E-05	1.41E-04	0.00E+00	4.41E-04	1.85E-09	5.40E-11	2.57E-03	4.57E-05	1.50E-03	1.29E-04	3.23E-05	6.93E-03	1.62E-01	0.00E+00	2.18E-10	2.84E-10	3.28E-05	8.62E-07	2.16E-02	0.00E+00	1.62E-01	4.27E-10	1.62E-01	1.83E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
41408989	4.71E-05	2.24E-02	4.08E-03	1.68E-02	1.20E-14	0.00E+00	2.36E-01	2.27E-07	2.18E-05	1.38E-04	0.00E+00	4.31E-04	1.80E-09	5.28E-11	2.51E-03	4.47E-05	1.46E-03	1.27E-04	3.15E-05	6.77E-03	1.58E-01	0.00E+00	2.13E-10	2.78E-10	3.21E-05	8.43E-07	2.11E-02	0.00E+00	1.58E-01	4.17E-10	1.58E-01	1.79E-01	2.11E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
41428989	1.15E-04	5.59E-02	1.02E-02	4.11E-02	3.40E-14	0.00E+00	5.77E-01	5.54E-07	5.32E-05	3.36E-04	0.00E+00	1.08E-03	4.41E-09	1.29E-10	6.12E-03	1.09E-04	3.56E-03	2.67E-04	7.87E-05	1.66E-02	3.85E-01	0.00E+00	5.21E-10	6.77E-10	7.83E-05	2.05E-06	5.16E-02	0.00E+00	3.85E-01	1.04E-09	3.85E-01	4.37E-01	5.16E-02	0.00E+00	0.00E+00	0.00E+00	3.11E-03
41429909	6.15E-05	2.92E-02	5.31E-03	2.20E-02	1.90E-14	0.00E+00	3.08E-01	2.96E-07	2.84E-05	1.80E-04	0.00E+00	5.61E-04	2.35E-09	6.88E-11	3.27E-03	5.83E-05	1.91E-03	1.68E-04	4.11E-05	8.84E-03	2.06E-01	0.00E+00	2.79E-10	3.62E-10	4.19E-05	1.10E-06	2.76E-02	0.00E+00	2.06E-01	5.43E-10	2.06E-01	2.34E-01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
41431404	5.69E-05	2.71E-02	4.93E-03	2.04E-02	1.40E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.53E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
41431606	6.69E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
41431909	6.25E-05	2.99E-02	5.44E-03	2.23E-02	8.00E-15	0.00E+00	3.13E-01	3.01E-07	2.89E-05	1.83E-04	0.00E+00	5.74E-04	2.39E-09	7.00E-11	3.33E-03	5.92E-05	1.94E-03	1.63E-04	4.21E-05	8.99E-03	2.10E-01	0.00E+00	2.83E-10	3.68E-10	4.26E-05	1.12E-06	2.80E-02	0.00E+00	2.10E-01	5.56E-10	2.10E-01	2.38E-01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	1.69E-03
41431912	6.60E-05	3.17E-02	5.77E-03	2.36E-02	4.00E-15	0.00E+00	3.31E-01	3.18E-07	3.05E-05	1.93E-04	0.00E+00	6.09E-04	2.53E-09	7.41E-11	3.52E-03	6.26E-05	2.05E-03	1.70E-04	4.46E-05	9.51E-03	2.22E-01	0.00E+00	2.99E-10	3.89E-10	4.50E-05	1.18E-06	2.96E-02	0.00E+00	2.22E-01	5.89E-10	2.22E-01	2.51E-01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
41431913	5.69E-05	2.71E-02	4.93E-03	2.03E-02	1.30E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.40E-05	1.77E-03	1.52E-04	3.81E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
41431914	6.67E-05	3.21E-02	5.84E-03	2.39E-02	0.00E+00	0.00E+00	3.35E-01	3.22E-07	3.08E-05	1.95E-04	0.00E+00	6.17E-04	2.56E-09	7.48E-11	3.55E-03	6.33E-05	2.07E-03	1.68E-04	4.51E-05	9.61E-03	2.24E-01	0.00E+00	3.02E-10	3.93E-10	4.55E-05	1.19E-06	2.99E-02	0.00E+00	2.24E-01	5.97E-10	2.24E-01	2.54E-01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
41432045	6.10E-05	2.70E-02	5.09E-03	2.19E-02	0.00E+00	0.00E+00	3.16E-01	3.01E-07	2.91E-05	1.81E-04	0.00E+00	5.35E-04	2.42E-09	7.07E-11	3.27E-03	5.85E-05	1.80E-03	0.00E+00	3.81E-05	8.99E-03	2.08E-01	0.00E+00	2.81E-10	3.64E-10	4.23E-05	1.08E-06	2.78E-02	0.00E+00	2.08E-01	5.10E-10	2.08E-01	2.36E-01	2.78E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
41432089	6.10E-05	2.70E-02	5.09E-03	2.19E-02	0.00E+00	0.00E+00	3.16E-01	3.01E-07	2.91E-05	1.81E-04	0.00E+00	5.35E-04	2.42E-09	7.07E-11	3.27E-03	5.85E-05	1.80E-03	0.00E+00	3.81E-05	8.99E-03	2.08E-01	0.00E+00	2.81E-10	3.64E-10	4.23E-05	1.08E-06	2.78E-02	0.00E+00	2.08E-01	5.10E-10	2.08E-01	2.36E-01	2.78E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
41436012	5.72E-05	2.71E-02	4.93E-03	2.04E-02	2.00E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.58E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
41436013	6.25E-05	2.98E-02	5.42E-03	2.23E-02	1.40E-14	0.00E+00	3.13E-01	3.01E-07	2.89E-05	1.83E-04	0.00E+00	5.72E-04	2.39E-09	7.00E-11	3.33E-03	5.93E-05	1.94E-03	1.67E-04	4.19E-05	8.99E-03	2.10E-01	0.00E+00	2.83E-10	3.68E-10	4.26E-05	1.12E-06	2.80E-02	0.00E+00	2.10E-01	5.54E-10	2.10E-01	2.38E-01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	1.69E-03
41436014	8.02E-05	3.87E-02	7.06E-03	2.87E-02	9.00E-15	0.00E+00	4.03E-01	3.87E-07	3.71E-05	2.35E-04	0.00E+00	7.45E-04	3.08E-09	9.00E-11	4.27E-03	7.61E-05	2.49E-03	1.97E-04	5.45E-05	1.16E-02	2.69E-01	0.00E+00	3.64E-10	4.73E-10	5.47E-05	1.43E-06	3.60E-02	0.00E+00	2.69E-01	7.21E-10	2.69E-01	3.05E-01	3.60E-02	0.00E+00	0.00E+00	0.00E+00	2.17E-03
41436084	5.72E-05	2.71E-02	4.93E-03	2.04E-02	1.90E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.57E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
41436086	6.19E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
41436089	6.19E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
41438912	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.80E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.56E-04	3.81E-05	8.21E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
41438913	8.05E-05	3.89E-02	7.09E-03	2.88E-02	9.00E-15	0.00E+00	4.04E-01	3.88E-07	3.72E-05	2.35E-04	0.00E+00	7.48E-04	3.09E-09	9.04E-11	4.29E-03	7.63E-05	2.50E-03	1.97E-04	5.47E-05	1.16E-02	2.70E-01	0.00E+00	3.65E-10	4.74E-10	5.49E-05	1.44E-06	3.61E-02	0.00E+00	2.70E-01	7.24E-10	2.70E-01	3.06E-01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
41438914	6.79E-05	3.25E-02	5.92E-03	2.43E-02	8.00E-15	0.00E+00	3.40E-01	3.27E-07	3.14E-05	1.99E-04	0.00E+00	6.25E-04	2.60E-09	7.61E-11	3.62E-03	6.44E-05	2.11E-03	1.76E-04	4.57E-05	9.77E-03	2.28E-01	0.00E+00	3.08E-10	4.00E-10	4.63E-05	1.21E-06	3.05E-02	0.00E+00	2.28E-01	6.05E-10	2.28E-01	2.58E-01	3.05E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
41438982	6.73E-05	3.22E-02	5.86E-03	2.40E-02	9.00E-15	0.00E+00	3.37E-01	3.24E-07	3.11E-05	1.97E-04	0.00E+00	6.18E-04	2.58E-09	7.54E-11	3.58E-03	6.38E-05	2.09E-03	1.76E-04	4.53E-05	9.68E-03	2.26E-01	0.00E+00	3.05E-10	3.96E-10	4.58E-05	1.20E-06	3.02E-02	0.00E+00	2.26E-01	5.99E-10	2.26E-01	2.56E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
41438989	7.88E-05	3.80E-02	6.93E-03	2.82E-02	7.00E-15	0.00E+00	3.96E-01	3.80E-07	3.65E-05	2.30E-04	0.00E+00	7.31E-04	3.02E-09	8.85E-11	4.20E-03	7.47E-05	2.44E-03	1.94E-04	5.36E-05	1.14E-02	2.64E-01	0.00E+00	3.57E-10	4.64E-10	5.37E-05	1.41E-06	3.54E-02	0.00E+00	2.64E-01	7.08E-10	2.64E-01	3.00E-01	3.54E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
414520	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
41452045	6.64E-05	5.02E-02	2.92E-02	2.16E-02	1.47E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.98E-04	0.00E+00	1.16E-03	2.35E-09	6.66E-11	3.15E-03	6.96E-05	1.84E-03	1.46E-02	1.32E-04	6.80E-03	2.18E-01	0.00E+00	3.07E-10	3.90E-10	4.55E-05	1.34E-06	2.93E-02	0.00E+00	2.18E-01	1.08E-09	2.18E-01	2.47E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
41452089	6.10E-05	4.59E-02	2.66E-02	1.98E-02	1.34E-10	0.00E+00	2.80E-01	2.72E-07	2.57E-05	1.82E-04	0.00E+00	1.06E-03	2.17E-09	6.13E-11	2.90E-03	6.39E-05	1.69E-03	1.33E-02	1.21E-04	6.29E-03	2.00E-01	0.00E+00	2.82E-10	3.59E-10	4.17E-05	1.22E-06	2.69E-02	0.00E+00	2.00E-01	9.92E-10	2.00E-01	2.27E-01	2.69E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
414521	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
41491404	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.41E-05	1.77E-03	1.54E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
41491606	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
41491909	6.88E-05	3.30E-02	6.02E-03	2.46E-02	3.00E-15	0.00E+00	3.45E-01	3.32E-07	3.18E-05	2.01E-04	0.00E+00	6.35E-04	2.64E-09	7.72E-11	3.67E-03	6.53E-05	2.14E-03	1.76E-04	4.65E-05	9.91E-03	2.31E-01	0.00E+00	3.12E-10	4.06E-10	4.69E-05	1.23E-06	3.09E-02	0.00E+00	2.31E-01	6.15E-10	2.31E-01	2.62E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
41496084	5.72E-05	2.71E-02	4.93E-03	2.05E-02	2.10E-14	0.00E+00	2.87E-01	2.76E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.41E-11	3.05E-03	5.43E-05	1.78E-03	1.58E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
41496086	7.63E-05	3.67E-02	6.68E-03	2.73E-02	1.00E-15	0.00E+00	3.83E-01	3.68E-07	3.53E-05	2.23E-04	0.00E+00	7.05E-04	2.93E-09	8.56E-11	4.07E-03	7.24E-05	2.37E-03	1.93E-04	5.16E-05	1.10E-02	2.56E-01	0.00E+00	3.46E-10	4.50E-10	5.20E-05	1.36E-06	3.43E-02	0.00E+00	2.56E-01	6.83E-10	2.56E-01	2.90E-01	3.43E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
41496089	7.02E-05	3.36E-02	6.12E-03	2.51E-02	8.00E-15	0.00E+00	3.52E-01	3.38E-07	3.24E-05	2.05E-04	0.00E+00	6.46E-04	2.69E-09	7.87E-11	3.74E-03	6.66E-05	2.18E-03	1.83E-04	4.73E-05	1.01E-02	2.35E-01	0.00E+00	3.18E-10	4.14E-10	4.78E-05	1.25E-06	3.15E-02	0.00E+00	2.35E-01	6.25E-10	2.35E-01	2.67E-01	3.15E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
41498982	5.72E-05	2.71E-02	4.93E-03	2.05E-02	2.10E-14	0.00E+00	2.87E-01	2.76E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.41E-11	3.05E-03	5.43E-05	1.78E-03	1.58E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
41498989	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.10E-14	0.00E+00	2.87E-01	2.76E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.41E-11	3.05E-03	5.43E-05	1.78E-03	1.59E-04	3.81E-05	8.23E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
41516013	5.76E-05	2.71E-02	4.93E-03	2.06E-02	2.90E-14	0.00E+00	2.88E-01	2.77E-07	2.66E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.44E-11	3.07E-03	5.46E-05	1.79E-03	1.65E-04	3.81E-05	8.27E-03	1.93E-01	0.00E+00	2.61E-10	3.39E-10	3.92E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
41516014	4.99E-05	2.33E-02	4.23E-03	1.78E-02	3.60E-14	0.00E+00	2.49E-01	2.40E-07	2.30E-05	1.46E-04	0.00E+00	4.47E-04	1.91E-09	5.58E-11	2.66E-03	4.74E-05	1.56E-03	1.50E-04	3.27E-05	7.16E-03	1.67E-01	0.00E+00	2.26E-10	2.94E-10	3.40E-05	8.95E-07	2.24E-02	0.00E+00	1.67E-01	4.33E-10	1.67E-01	1.90E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
41516015	6.35E-05	3.01E-02	5.47E-03	2.27E-02	2.30E-14	0.00E+00	3.18E-01	3.06E-07	2.93E-05	1.86E-04	0.00E+00	5.78E-04	2.43E-09	7.11E-11	3.38E-03	6.02E-05	1.97E-03	1.76E-04	4.23E-05	9.13E-03	2.13E-01	0.00E+00	2.88E-10	3.74E-10	4.33E-05	1.14E-06	2.85E-02	0.00E+00	2.13E-01	5.60E-10	2.13E-01	2.41E-01	2.85E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03
41516024	9.57E-05	4.64E-02	8.46E-03	3.42E-02	1.80E-14	0.00E+00	4.81E-01	4.62E-07	4.43E-05	2.80E-04	0.00E+00	8.92E-04	3.67E-09	1.07E-10	5.10E-03	9.07E-05	2.97E-03	2.30E-04	6.53E-05	1.38E-02	3.21E-01	0.00E+00	4.34E-10	5.64E-10	6.53E-05	1.71E-06	4.30E-02	0.00E+00	3.21E-01	8.63E-10	3.21E-01	3.64E-01	4.30E-02	0.00E+00	0.00E+00	0.00E+00	2.59E-03
41517113	6.66E-05	3.16E-02	5.75E-03	2.38E-02	2.20E-14	0.00E+00	3.34E-01	3.21E-07	3.08E-05	1.95E-04	0.00E+00	6.07E-04	2.55E-09	7.46E-11	3.55E-03	6.32E-05	2.07E-03	1.83E-04	4.45E-05	9.58E-03	2.23E-01	0.00E+00	3.02E-10	3.93E-10	4.54E-05	1.19E-06	2.99E-02	0.00E+00	2.23E-01	5.88E-10	2.23E-01	2.53E-01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
41517115	6.36E-05	3.01E-02	5.47E-03	2.27E-02	2.60E-14	0.00E+00	3.18E-01	3.06E-07	2.94E-05	1.86E-04	0.00E+00	5.78E-04	2.43E-09	7.12E-11	3.39E-03	6.03E-05	1.98E-03	1.78E-04	4.23E-05	9.14E-03	2.13E-01	0.00E+00	2.88E-10	3.75E-10	4.33E-05	1.14E-06	2.85E-02	0.00E+00	2.13E-01	5.60E-10	2.13E-01	2.42E-01	2.85E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03
41517124	1.33E-04	6.54E-02	1.19E-02	4.77E-02	6.50E-14	0.00E+00	6.70E-01	6.44E-07	6.18E-05	3.90E-04	0.00E+00	1.26E-03	5.13E-09	1.50E-10	7.10E-03	1.26E-04	4.12E-03	2.93E-04	9.21E-05	1.93E-02	4.48E-01	0.00E+00	6.05E-10	7.86E-10	9.09E-05	2.37E-06	5.99E-02	0.00E+00	4.48E-01	1.22E-09	4.48E-01	5.07E-01	5.99E-02	0.00E+00	0.00E+00	0.00E+00	3.60E-03
41631909	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
41636086	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
41636089	1.85E-04	9.12E-02	1.67E-02	6.61E-02	1.16E-13	0.00E+00	9.31E-01	8.93E-07	8.58E-05	5.41E-04	0.00E+00	1.76E-03	7.12E-09	2.08E-10	9.85E-03	1.75E-04	5.71E-03	3.89E-04	1.29E-04	2.67E-02	6.21E-01	0.00E+00	8.39E-10	1.09E-09	1.26E-04	3.29E-06	8.30E-02	0.00E+00	6.21E-01	1.70E-09	6.21E-01	7.04E-01	8.30E-02	0.00E+00	0.00E+00	0.00E+00	4.99E-03
41637006	9.44E-05	4.52E-02	8.24E-03	3.38E-02	1.00E-14	0.00E+00	4.74E-01	4.55E-07	4.37E-05	2.76E-04	0.00E+00	8.69E-04	3.62E-09	1.06E-10	5.03E-03	8.96E-05	2.93E-03	2.45E-04	6.36E-05	1.36E-02	3.17E-01	0.00E+00	4.28E-10	5.57E-10	6.44E-05	1.69E-06	4.24E-02	0.00E+00	3.17E-01	8.42E-10	3.17E-01	3.59E-01	4.24E-02	0.00E+00	0.00E+00	0.00E+00	2.56E-03
41637009	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
41638982	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
41638989	4.32E-05	1.96E-02	3.54E-03	1.54E-02	6.00E-14	0.00E+00	2.15E-01	2.07E-07	1.98E-05	1.26E-04	0.00E+00	3.75E-04	1.64E-09	4.81E-11	2.30E-03	4.10E-05	1.35E-03	1.50E-04	2.75E-05	6.17E-03	1.45E-01	0.00E+00	1.96E-10	2.54E-10	2.94E-05	7.77E-07	1.94E-02	0.00E+00	1.45E-01	3.64E-10	1.45E-01	1.64E-01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
41661909	5.13E-05	2.45E-02	4.45E-03	1.83E-02	9.00E-15	0.00E+00	2.57E-01	2.47E-07	2.37E-05	1.50E-04	0.00E+00	4.70E-04	1.96E-09	5.74E-11	2.73E-03	4.86E-05	1.59E-03	1.35E-04	3.44E-05	7.37E-03	1.72E-01	0.00E+00	2.32E-10	3.02E-10	3.49E-05	9.16E-07	2.30E-02	0.00E+00	1.72E-01	4.55E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
41666084	5.50E-05	2.63E-02	4.80E-03	1.97E-02	5.00E-15	0.00E+00	2.76E-01	2.65E-07	2.54E-05	1.61E-04	0.00E+00	5.07E-04	2.11E-09	6.17E-11	2.93E-03	5.22E-05	1.71E-03	1.43E-04	3.71E-05	7.92E-03	1.85E-01	0.00E+00	2.49E-10	3.24E-10	3.75E-05	9.83E-07	2.47E-02	0.00E+00	1.85E-01	4.90E-10	1.85E-01	2.09E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
41666086	5.80E-05	2.78E-02	5.07E-03	2.07E-02	3.00E-15	0.00E+00	2.91E-01	2.80E-07	2.68E-05	1.70E-04	0.00E+00	5.35E-04	2.22E-09	6.51E-11	3.09E-03	5.50E-05	1.80E-03	1.48E-04	3.92E-05	8.36E-03	1.95E-01	0.00E+00	2.63E-10	3.42E-10	3.96E-05	1.04E-06	2.60E-02	0.00E+00	1.95E-01	5.18E-10	1.95E-01	2.21E-01	2.60E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-03
41666089	5.64E-05	2.70E-02	4.92E-03	2.02E-02	4.00E-15	0.00E+00	2.83E-01	2.72E-07	2.61E-05	1.65E-04	0.00E+00	5.20E-04	2.16E-09	6.32E-11	3.00E-03	5.35E-05	1.75E-03	1.45E-04	3.80E-05	8.12E-03	1.89E-01	0.00E+00	2.56E-10	3.32E-10	3.84E-05	1.01E-06	2.53E-02	0.00E+00	1.89E-01	5.03E-10	1.89E-01	2.14E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
41668982	5.33E-05	2.55E-02	4.64E-03	1.90E-02	6.00E-15	0.00E+00	2.67E-01	2.57E-07	2.46E-05	1.56E-04	0.00E+00	4.90E-04	2.04E-09	5.97E-11	2.84E-03	5.05E-05	1.65E-03	1.39E-04	3.59E-05	7.66E-03	1.79E-01	0.00E+00	2.41E-10	3.14E-10	3.63E-05	9.52E-07	2.39E-02	0.00E+00	1.79E-01	4.74E-10	1.79E-01	2.03E-01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-03
41668989	5.12E-05	2.45E-02	4.45E-03	1.83E-02	8.00E-15	0.00E+00	2.57E-01	2.47E-07	2.37E-05	1.50E-04	0.00E+00	4.70E-04	1.96E-09	5.74E-11	2.73E-03	4.86E-05	1.59E-03	1.35E-04	3.44E-05	7.37E-03	1.72E-01	0.00E+00	2.32E-10	3.02E-10	3.49E-05	9.16E-07	2.30E-02	0.00E+00	1.72E-01	4.55E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
41681909	5.13E-05	2.45E-02	4.45E-03	1.83E-02	9.00E-15	0.00E+00	2.57E-01	2.47E-07	2.37E-05	1.50E-04	0.00E+00	4.70E-04	1.96E-09	5.74E-11	2.73E-03	4.86E-05	1.59E-03	1.35E-04	3.44E-05	7.37E-03	1.72E-01	0.00E+00	2.32E-10	3.02E-10	3.49E-05	9.16E-07	2.30E-02	0.00E+00	1.72E-01	4.55E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
41686086	5.13E-05	2.45E-02	4.45E-03	1.83E-02	9.00E-15	0.00E+00	2.57E-01	2.47E-07	2.37E-05	1.50E-04	0.00E+00	4.70E-04	1.96E-09	5.74E-11	2.73E-03	4.86E-05	1.59E-03	1.35E-04	3.44E-05	7.37E-03	1.72E-01	0.00E+00	2.32E-10	3.02E-10	3.49E-05	9.16E-07	2.30E-02	0.00E+00	1.72E-01	4.55E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
41686089	4.82E-05	2.30E-02	4.18E-03	1.72E-02	1.20E-14	0.00E+00	2.42E-01	2.32E-07	2.23E-05	1.41E-04	0.00E+00	4.41E-04	1.85E-09	5.40E-11	2.57E-03	4.57E-05	1.50E-03	1.30E-04	3.23E-05	6.94E-03	1.62E-01	0.00E+00	2.19E-10	2.84E-10	3.29E-05	8.63E-07	2.16E-02	0.00E+00	1.62E-01	4.27E-10	1.62E-01	1.83E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
41688989	5.12E-05	2.45E-02	4.45E-03	1.83E-02	8.00E-15	0.00E+00	2.57E-01	2.47E-07	2.37E-05	1.50E-04	0.00E+00	4.70E-04	1.96E-09	5.74E-11	2.73E-03	4.86E-05	1.59E-03	1.35E-04	3.44E-05	7.37E-03	1.72E-01	0.00E+00	2.32E-10	3.02E-10	3.49E-05	9.16E-07	2.30E-02	0.00E+00	1.72E-01	4.55E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
417508	1.04E-05	4.70E-03	8.50E-04	3.71E-03	1.50E-14	0.00E+00	5.17E-02	4.99E-08	4.77E-06	3.04E-05	0.00E+00	9.00E-05	3.95E-10	1.16E-11	5.53E-04	9.87E-06	3.25E-04	3.64E-05	6.60E-06	1.48E-03	3.48E-02	0.00E+00	4.70E-11	6.12E-11	7.07E-06	1.87E-07	4.66E-03	0.00E+00	3.48E-02	8.75E-11	3.48E-02	3.94E-02	4.66E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04

417509	6.74E-05	3.36E-02	6.14E-03	2.41E-02	5.90E-14	0.00E+00	3.40E-01	3.26E-07	3.13E-05	1.97E-04	0.00E+00	6.47E-04	2.60E-09	7.60E-11	3.59E-03	6.39E-05	2.08E-03	1.31E-04	4.73E-05	9.76E-03	2.26E-01	0.00E+00	3.06E-10	3.97E-10	4.60E-05	1.20E-06	3.03E-02	0.00E+00	2.26E-01	6.25E-10	2.26E-01	2.57E-01	3.03E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
417708	7.26E-06	3.11E-03	5.59E-04	2.59E-03	1.90E-14	0.00E+00	3.59E-02	3.47E-08	3.31E-06	2.12E-05	0.00E+00	5.93E-05	2.74E-10	8.01E-12	3.85E-04	6.89E-06	2.28E-04	3.11E-05	4.36E-06	1.03E-03	2.42E-02	0.00E+00	3.28E-11	4.27E-11	4.93E-06	1.31E-07	3.25E-03	0.00E+00	2.42E-02	5.79E-11	2.42E-02	2.75E-02	3.25E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-04
418037	5.14E-05	2.50E-02	4.57E-03	1.84E-02	1.60E-14	0.00E+00	2.58E-01	2.48E-07	2.38E-05	1.50E-04	0.00E+00	4.82E-04	1.97E-09	5.78E-11	2.74E-03	4.87E-05	1.59E-03	1.19E-04	3.53E-05	7.42E-03	1.73E-01	0.00E+00	2.33E-10	3.03E-10	3.51E-05	9.17E-07	2.31E-02	0.00E+00	1.73E-01	4.66E-10	1.73E-01	1.96E-01	2.31E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
418105	9.22E-06	4.12E-03	7.46E-04	3.29E-03	1.50E-14	0.00E+00	4.58E-02	4.42E-08	4.23E-06	2.69E-05	0.00E+00	7.90E-05	3.50E-10	1.02E-11	4.90E-04	8.75E-06	2.89E-04	3.36E-05	5.79E-06	1.31E-03	3.08E-02	0.00E+00	4.17E-11	5.42E-11	6.27E-06	1.66E-07	4.13E-03	0.00E+00	3.08E-02	7.68E-11	3.08E-02	3.50E-02	4.13E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
418109	9.26E-06	4.13E-03	7.46E-04	3.31E-03	1.60E-14	0.00E+00	4.60E-02	4.43E-08	4.24E-06	2.70E-05	0.00E+00	7.90E-05	3.51E-10	1.03E-11	4.92E-04	8.78E-06	2.90E-04	3.42E-05	5.79E-06	1.32E-03	3.10E-02	0.00E+00	4.19E-11	5.45E-11	6.29E-06	1.67E-07	4.15E-03	0.00E+00	3.10E-02	7.68E-11	3.10E-02	3.51E-02	4.15E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
418802	1.71E-05	8.07E-03	1.47E-03	6.12E-03	8.00E-15	0.00E+00	8.57E-02	8.25E-08	7.90E-06	5.01E-05	0.00E+00	1.55E-04	6.55E-10	1.92E-11	9.12E-04	1.63E-05	5.33E-04	4.89E-05	1.14E-05	2.46E-03	5.74E-02	0.00E+00	7.76E-11	1.01E-10	1.17E-05	3.07E-07	7.69E-03	0.00E+00	5.74E-02	1.50E-10	5.74E-02	6.51E-02	7.69E-03	0.00E+00	0.00E+00	0.00E+00	4.65E-04
418805	1.26E-05	5.82E-03	1.06E-03	4.51E-03	1.20E-14	0.00E+00	6.29E-02	6.06E-08	5.80E-06	3.69E-05	0.00E+00	1.12E-04	4.81E-10	1.41E-11	6.71E-04	1.20E-05	3.93E-04	3.99E-05	8.19E-06	1.81E-03	4.22E-02	0.00E+00	5.71E-11	7.43E-11	8.59E-06	2.26E-07	5.65E-03	0.00E+00	4.22E-02	1.08E-10	4.22E-02	4.79E-02	5.65E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
418806	3.26E-06	1.07E-03	1.86E-04	1.16E-03	2.50E-14	0.00E+00	1.56E-02	1.53E-08	1.45E-06	9.47E-06	0.00E+00	2.01E-05	1.20E-10	3.49E-12	1.72E-04	3.10E-06	1.05E-04	2.48E-05	1.48E-06	4.46E-04	1.08E-02	0.00E+00	1.46E-11	1.91E-11	2.20E-06	6.05E-08	1.45E-03	0.00E+00	1.08E-02	2.00E-11	1.08E-02	1.22E-02	1.45E-03	0.00E+00	0.00E+00	0.00E+00	9.04E-05
418808	9.43E-06	4.20E-03	7.58E-04	3.37E-03	1.70E-14	0.00E+00	4.68E-02	4.52E-08	4.32E-06	2.75E-05	0.00E+00	8.03E-05	3.58E-10	1.05E-11	5.01E-04	8.95E-06	2.95E-04	3.51E-05	5.89E-06	1.34E-03	3.15E-02	0.00E+00	4.26E-11	5.55E-11	6.41E-06	1.70E-07	4.22E-03	0.00E+00	3.15E-02	7.81E-11	3.15E-02	3.58E-02	4.22E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
418809	1.32E-05	6.10E-03	1.11E-03	4.70E-03	1.10E-14	0.00E+00	6.57E-02	6.32E-08	6.06E-06	3.85E-05	0.00E+00	1.17E-04	5.02E-10	1.47E-11	7.00E-04	1.25E-05	4.10E-04	4.09E-05	8.57E-06	1.88E-03	4.41E-02	0.00E+00	5.96E-11	7.75E-11	8.96E-06	2.36E-07	5.90E-03	0.00E+00	4.41E-02	1.13E-10	4.41E-02	5.00E-02	5.90E-03	0.00E+00	0.00E+00	0.00E+00	3.57E-04
418858	1.31E-05	6.03E-03	1.09E-03	4.68E-03	1.30E-14	0.00E+00	6.53E-02	6.29E-08	6.02E-06	3.83E-05	0.00E+00	1.16E-04	4.99E-10	1.46E-11	6.97E-04	1.24E-05	4.09E-04	4.20E-05	8.48E-06	1.87E-03	4.39E-02	0.00E+00	5.93E-11	7.71E-11	8.92E-06	2.35E-07	5.87E-03	0.00E+00	4.39E-02	1.12E-10	4.39E-02	4.97E-02	5.87E-03	0.00E+00	0.00E+00	0.00E+00	3.56E-04
418902	1.47E-05	6.84E-03	1.24E-03	5.24E-03	1.00E-14	0.00E+00	7.32E-02	7.05E-08	6.75E-06	4.28E-05	0.00E+00	1.31E-04	5.60E-10	1.64E-11	7.80E-04	1.39E-05	4.56E-04	4.37E-05	9.62E-06	2.10E-03	4.91E-02	0.00E+00	6.64E-11	8.63E-11	9.98E-06	2.63E-07	6.57E-03	0.00E+00	4.91E-02	1.27E-10	4.91E-02	5.57E-02	6.57E-03	0.00E+00	0.00E+00	0.00E+00	3.98E-04
418905	6.69E-06	2.97E-03	5.59E-04	2.41E-03	0.00E+00	0.00E+00	3.47E-02	3.30E-08	3.19E-06	1.99E-05	0.00E+00	5.87E-05	2.65E-10	7.76E-12	3.58E-04	6.42E-06	1.98E-04	0.00E+00	4.18E-06	9.87E-04	2.28E-02	0.00E+00	3.09E-11	4.00E-11	4.64E-06	1.18E-07	3.05E-03	0.00E+00	2.28E-02	5.60E-11	2.28E-02	2.59E-02	3.05E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04
418906	7.31E-06	3.13E-03	5.64E-04	2.61E-03	1.90E-14	0.00E+00	3.61E-02	3.49E-08	3.33E-06	2.13E-05	0.00E+00	5.99E-05	2.76E-10	8.08E-12	3.88E-04	6.94E-06	2.30E-04	3.12E-05	4.40E-06	1.04E-03	2.44E-02	0.00E+00	3.30E-11	4.30E-11	4.96E-06	1.32E-07	3.27E-03	0.00E+00	2.44E-02	5.84E-11	2.44E-02	2.77E-02	3.27E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
418909	7.26E-06	3.11E-03	5.59E-04	2.59E-03	1.90E-14	0.00E+00	3.59E-02	3.47E-08	3.31E-06	2.12E-05	0.00E+00	5.93E-05	2.74E-10	8.01E-12	3.85E-04	6.89E-06	2.28E-04	3.11E-05	4.36E-06	1.03E-03	2.42E-02	0.00E+00	3.28E-11	4.27E-11	4.93E-06	1.31E-07	3.25E-03	0.00E+00	2.42E-02	5.79E-11	2.42E-02	2.75E-02	3.25E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-04
419005	9.30E-05	4.65E-02	8.51E-03	3.33E-02	9.00E-14	0.00E+00	4.69E-01	4.50E-07	4.32E-05	2.72E-04	0.00E+00	8.96E-04	3.59E-09	1.05E-10	4.96E-03	8.81E-05	2.87E-03	1.74E-04	6.55E-05	1.35E-02	3.13E-01	0.00E+00	4.22E-10	5.48E-10	6.35E-05	1.65E-06	4.18E-02	0.00E+00	3.13E-01	8.65E-10	3.13E-01	3.54E-01	4.18E-02	0.00E+00	0.00E+00	0.00E+00	2.51E-03
4211	9.41E-05	4.42E-02	8.04E-03	3.36E-02	5.00E-14	0.00E+00	4.71E-01	4.53E-07	4.34E-05	2.75E-04	0.00E+00	8.50E-04	3.60E-09	1.05E-10	5.01E-03	8.93E-05	2.93E-03	2.71E-04	6.22E-05	1.35E-02	3.15E-01	0.00E+00	4.26E-10	5.54E-10	6.41E-05	1.69E-06	4.22E-02	0.00E+00	3.15E-01	8.24E-10	3.15E-01	3.58E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
421109	9.14E-05	4.29E-02	7.80E-03	3.27E-02	5.20E-14	0.00E+00	4.57E-01	4.40E-07	4.22E-05	2.67E-04	0.00E+00	8.24E-04	3.50E-09	1.02E-10	4.87E-03	8.67E-05	2.85E-03	2.65E-04	6.04E-05	1.31E-02	3.06E-01	0.00E+00	4.14E-10	5.39E-10	6.23E-05	1.64E-06	4.10E-02	0.00E+00	3.06E-01	7.99E-10	3.06E-01	3.47E-01	4.10E-02	0.00E+00	0.00E+00	0.00E+00	2.48E-03
4212	9.56E-05	4.43E-02	8.04E-03	3.42E-02	8.20E-14	0.00E+00	4.77E-01	4.59E-07	4.40E-05	2.79E-04	0.00E+00	8.50E-04	3.65E-09	1.07E-10	5.09E-03	9.07E-05	2.98E-03	2.97E-04	6.23E-05	1.37E-02	3.20E-01	0.00E+00	4.33E-10	5.63E-10	6.51E-05	1.72E-06	4.29E-02	0.00E+00	3.20E-01	8.25E-10	3.20E-01	3.63E-01	4.29E-02	0.00E+00	0.00E+00	0.00E+00	2.59E-03
421209	5.06E-05	2.20E-02	3.96E-03	1.81E-02	1.17E-13	0.00E+00	2.50E-01	2.42E-07	2.31E-05	1.48E-04	0.00E+00	4.20E-04	1.91E-09	5.59E-11	2.69E-03	4.80E-05	1.59E-03	2.07E-04	3.08E-05	7.17E-03	1.69E-01	0.00E+00	2.29E-10	2.97E-10	3.44E-05	9.14E-07	2.26E-02	0.00E+00	1.69E-01	4.09E-10	1.69E-01	1.92E-01	2.26E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
4216	6.59E-05	4.89E-02	2.80E-02	2.15E-02	1.41E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.96E-04	0.00E+00	1.13E-03	2.35E-09	6.68E-11	3.16E-03	6.87E-05	1.84E-03	1.39E-02	1.28E-04	6.97E-03	2.17E-01	0.00E+00	3.04E-10	3.87E-10	4.50E-05	1.31E-06	2.91E-02	0.00E+00	2.17E-01	1.06E-09	2.17E-01	2.46E-01	2.91E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
421601	1.06E-04	8.07E-02	4.74E-02	3.42E-02	2.38E-10	0.00E+00	4.81E-01	4.67E-07	4.42E-05	3.16E-04	0.00E+00	1.87E-03	3.72E-09	1.05E-10	4.97E-03	1.11E-04	2.91E-03	2.37E-02	2.14E-04	1.06E-02	3.47E-01	0.00E+00	4.89E-10	6.21E-10	7.24E-05	2.14E-06	4.66E-02	0.00E+00	3.47E-01	1.74E-09	3.47E-01	3.93E-01	4.66E-02	0.00E+00	0.00E+00	0.00E+00	2.90E-03
421609	6.31E-05	2.93E-02	5.08E-03	2.42E-02	0.00E+00	0.00E+00	3.17E-01	3.13E-07	2.94E-05	1.86E-04	0.00E+00	5.38E-04	2.41E-09	7.16E-11	3.63E-03	5.84E-05	2.37E-03	6.33E-04	4.25E-05	1.01E-02	2.15E-01	0.00E+00	2.86E-10	3.79E-10	4.33E-05	1.15E-06	2.89E-02	0.00E+00	2.15E-01	5.41E-10	2.15E-01	2.44E-01	2.89E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
470049	6.87E-05	3.18E-02	5.56E-03	2.62E-02	0.00E+00	0.00E+00	3.47E-01	3.41E-07	3.21E-05	2.03E-04	0.00E+00	5.88E-04	2.64E-09	7.82E-11	3.93E-03	6.38E-05	2.54E-03	6.33E-04	4.61E-05	1.09E-02	2.35E-01	0.00E+00	3.12E-10	4.13E-10	4.72E-05	1.25E-06	3.15E-02	0.00E+00	2.35E-01	5.89E-10	2.35E-01	2.66E-01	3.15E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03
47063512	5.76E-05	4.34E-02	2.52E-02	1.87E-02	1.27E-10	0.00E+00	2.64E-01	2.56E-07	2.43E-05	1.72E-04	0.00E+00	1.00E-03	2.04E-09	5.78E-11	2.73E-03	6.03E-05	1.60E-03	1.25E-02	1.14E-04	5.93E-03	1.89E-01	0.00E+00	2.66E-10	3.39E-10	3.94E-05	1.16E-06	2.54E-02	0.00E+00	1.89E-01	9.37E-10	1.89E-01	2.15E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-03
47063515	5.21E-05	2.31E-02	4.35E-03	1.88E-02	0.00E+00	0.00E+00	2.70E-01	2.57E-07	2.49E-05	1.55E-04	0.00E+00	4.57E-04	2.07E-09	6.04E-11	2.79E-03	5.00E-05	1.54E-03	0.00E+00	3.26E-05	7.69E-03	1.78E-01	0.00E+00	2.40E-10	3.11E-10	3.62E-05	9.22E-07	2.37E-02	0.00E+00	1.78E-01	4.36E-10	1.78E-01	2.02E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
47063522	9.89E-05	4.38E-02	8.26E-03	3.56E-02	0.00E+00	0.00E+00	5.13E-01	4.87E-07	4.72E-05	2.93E-04	0.00E+00	8.67E-04	3.92E-09	1.15E-10	5.30E-03	9.49E-05	2.92E-03	0.00E+00	6.17E-05	1.46E-02	3.37E-01	0.00E+00	4.56E-10	5.90E-10	6.86E-05	1.75E-06	4.50E-02	0.00E+00	3.37E-01	8.27E-10	3.37E-01	3.82E-01	4.50E-02	0.00E+00	0.00E+00	0.00E+00	2.65E-03
47063525	6.64E-05	2.94E-02	5.54E-03	2.39E-02	0.00E+00	0.00E+00	3.44E-01	3.27E-07	3.17E-05	1.97E-04	0.00E+00	5.82E-04	2.63E-09	7.69E-11	3.55E-03	6.37E-05	1.96E-03	0.00E+00	4.15E-05	9.79E-03	2.26E-01	0.00E+00	3.06E-10	3.96E-10	4.60E-05	1.17E-06	3.02E-02	0.00E+00	2.26E-01	5.55E-10	2.26E-01	2.57E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
47063532	7.48E-05	5.69E-02	3.33E-02	2.42E-02	1.68E-10	0.00E+00	3.41E-01	3.31E-07	3.13E-05	2.23E-04	0.00E+00	1.32E-03	2.64E-09	7.45E-11	3.52E-03	7.85E-05	2.06E-03	1.67E-02	1.50E-04	7.53E-03	2.45E-01	0.00E+00	3.46E-10	4.39E-10	5.12E-05	1.51E-06	3.29E-02	0.00E+00	2.45E-01	1.23E-09	2.45E-01	2.78E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03
47063535	6.64E-05	2.94E-02	5.54E-03	2.39E-02	0.00E+00	0.00E+00	3.44E-01	3.27E-07	3.17E-05	1.97E-04	0.00E+00	5.82E-04	2.63E-09	7.69E-11	3.55E-03	6.37E-05	1.96E-03	0.00E+00	4.15E-05	9.79E-03	2.26E-01	0.00E+00	3.06E-10	3.96E-10	4.60E-05	1.17E-06	3.02E-02	0.00E+00	2.26E-01	5.55E-10	2.26E-01	2.57E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
47081909	1.48E-04	6.56E-02	1.24E-02	5.32E-02	0.00E+00	0.00E+00	7.67E-01	7.29E-07	7.06E-05	4.39E-04	0.00E+00	1.30E-03	5.87E-09	1.71E-10	7.92E-03	1.42E-04	4.37E-03	0.00E+00	9.24E-05	2.18E-02	5.05E-01	0.00E+00	6.82E-10	8.83E-10	1.03E-04	2.62E-06	6.73E-02	0.00E+00	5.05E-01	1.24E-09	5.05E-01	5.72E-01	6.73E-02	0.00E+00	0.00E+00	0.00E+00	3.97E-03
47086084	9.41E-05	4.42E-02	8.04E-03	3.36E-02	5.00E-14	0.00E+00	4.71E-01	4.53E-07	4.34E-05	2.75E-04	0.00E+00	8.50E-04	3.60E-09	1.05E-10	5.01E-03	8.93E-05	2.93E-03	2.71E-04	6.22E-05	1.35E-02	3.15E-01	0.00E+00	4.26E-10	5.54E-10	6.41E-05	1.69E-06	4.22E-02	0.00E+00	3.15E-01	8.24E-10	3.15E-01	3.58E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
47086086	8.85E-05	4.40E-02	8.05E-03	3.17E-02	7.20E-14	0.00E+00	4.46E-01	4.28E-07	4.11E-05	2.59E-04	0.00E+00	8.48E-04	3.41E-09	9.98E-11	4.72E-03	8.39E-05	2.73E-03	1.75E-04	6.20E-05	1.28E-02	2.97E-01	0.00E+00	4.02E-10	5.22E-10	6.04E-05	1.57E-06	3.98E-02	0.00E+00	2.97E-01	8.19E-10	2.97E-01	3.37E-01	3.98E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
47086089	8.28E-05	3.86E-02	7.01E-03	2.96E-02	6.10E-14	0.00E+00	4.14E-01	3.98E-07	3.82E-05	2.42E-04	0.00E+00	7.41E-04	3.16E-09	9.25E-11	4.41E-03	7.86E-05	2.58E-03	2.50E-04	5.43E-05	1.19E-02	2.78E-01	0.00E+00	3.75E-10	4.88E-10	5.64E-05	1.49E-06	3.71E-02	0.00E+00	2.78E-01	7.19E-10	2.78E-01	3.15E-01	3.71E-02	0.00E+00	0.00E+00	0.00E+00	2.25E-03
47087003	3.97E-05	1.69E-02	3.04E-03	1.42E-02	1.09E-13	0.00E+00	1.96E-01	1.89E-07	1.81E-05	1.16E-04	0.00E+00	3.22E-04	1.50E-09	4.38E-11	2.11E-03	3.77E-05	1.25E-03	1.73E-04	2.37E-05	5.61E-03	1.32E-01	0.00E+00	1.79E-10	2.33E-10	2.69E-05	7.19E-07	1.77E-02	0.00E+00	1.32E-01	3.15E-10	1.32E-01	1.50E-01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
47087006	9.43E-05	4.43E-02	8.04E-03	3.37E-02	5.50E-14	0.00E+00	4.72E-01	4.54E-07	4.35E-05	2.76E-04	0.00E+00	8.50E-04	3.61E-09	1.05E-10	5.02E-03	8.95E-05	2.94E-03	2.75E-04	6.22E-05	1.35E-02	3.16E-01	0.00E+00	4.27E-10	5.56E-10	6.43E-05	1.69E-06	4.23E-02	0.00E+00	3.16E-01	8.24E-10	3.16E-01	3.58E-01	4.23E-02	0.00E+00	0.00E+00	0.00E+00	2.56E-03
47087009	9.44E-05	4.43E-02	8.04E-03	3.37E-02	5.60E-14	0.00E+00	4.72E-01	4.54E-07	4.35E-05	2.76E-04	0.00E+00	8.50E-04	3.61E-09	1.06E-10	5.02E-03	8.95E-05	2.94E-03	2.76E-04	6.23E-05	1.35E-02	3.16E-01	0.00E+00	4.27E-10	5.56E-10	6.43E-05	1.69E-06	4.23E-02	0.00E+00	3.16E-01	8.24E-10	3.16E-01	3.59E-01	4.23E-02	0.00E+00	0.00E+00	0.00E+00	2.56E-03
47088982	9.41E-05	4.42E-02	8.04E-03	3.36E-02	5.00E-14	0.00E+00	4.71E-01	4.53E-07	4.34E-05	2.75E-04	0.00E+00	8.50E-04	3.60E-09	1.05E-10	5.01E-03	8.93E-05	2.93E-03	2.71E-04	6.22E-05	1.35E-02	3.15E-01	0.00E+00	4.26E-10	5.54E-10	6.41E-05	1.69E-06	4.22E-02	0.00E+00	3.15E-01	8.24E-10	3.15E-01	3.58E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
47088989	1.53E-04	6.79E-02	1.28E-02	5.51E-02	0.00E+00	0.00E+00	7.94E-01	7.55E-07	7.31E-05	4.54E-04	0.00E+00	1.34E-03	6.08E-09	1.78E-10	8.20E-03	1.47E-04	4.53E-03	0.00E+00	9.56E-05	2.26E-02	5.23E-01	0.00E+00	7.06E-10	9.14E-10	1.06E-04	2.71E-06	6.97E-02	0.00E+00	5.23E-01	1.28E-09	5.23E-01	5.92E-01	6.97E-02	0.00E+00	0.00E+00	0.00E+00	4.11E-03
471020	8.49E-05	3.48E-02	6.55E-03	2.82E-02	0.00E+00	0.00E+00	4.07E-01	3.87E-07	3.74E-05	2.33E-04	0.00E+00	6.88E-04	3.11E-09	9.10E-11	4.20E-03	7.53E-05	2.32E-03	0.00E+00	4.90E-05	1.16E-02	2.68E-01	0.00E+00	3.62E-10	4.69E-10	5.44E-05	1.39E-06	3.57E-02	0.00E+00	2.68E-01	6.57E-10	2.68E-01	3.03E-01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	2.10E-03
471040	1.64E-04	6.74E-02	1.27E-02	5.47E-02	0.00E+00	0.00E+00	7.89E-01	7.50E-07	7.26E-05	4.51E-04	0.00E+00	1.33E-03	6.03E-09	1.76E-10	8.14E-03	1.46E-04	4.50E-03	0.00E+00	9.50E-05	2.24E-02	5.19E-01	0.00E+00	7.01E-10	9.08E-10	1.05E-04	2.69E-06	6.92E-02	0.00E+00	5.19E-01	1.27E-09	5.19E-01	5.88E-01	6.92E-02	0.00E+00	0.00E+00	0.00E+00	4.08E-03
471060	1.59E-04	7.04E-02	1.33E-02	5.72E-02	0.00E+00	0.00E+00	8.23E-01	7.83E-07	7.58E-05	4.71E-04	0.00E+00	1.39E-03	6.30E-09	1.84E-10	8.50E-03	1.52E-04	4.70E-03	0.00E+00	9.91E-05	2.34E-02	5.42E-01	0.00E+00	7.32E-10	9.48E-10	1.10E-04	2.81E-06	7.23E-02	0.00E+00	5.42E-01	1.33E-09	5.42E-01	6.14E-01	7.23E-02	0.00E+00	0.00E+00	0.00E+00	4.26E-03
4715	7.79E-05	3.58E-02	6.32E-03	2.95E-02	0.00E+00	0.00E+00	3.94E-01	3.86E-07	3.65E-05	2.30E-04	0.00E+00	6.68E-04	3.00E-09	8.88E-11	4.42E-03	7.26E-05	2.81E-03	6.33E-04	5.18E-05	1.23E-02	2.66E-01	0.00E+00	3.54E-10	4.67E-10	5.36E-05	1.42E-06	3.57E-02	0.00E+00	2.66E-01	6.65E-10	2.66E-01	3.02E-01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	2.22E-03
471501	8.60E-05	3.74E-02	6.32E-03	3.11E-02	0.00E+00	0.00E+00	3.95E-01	3.94E-07	3.68E-05	2.33E-04	0.00E+00	6.71E-04	3.00E-09	8.95E-11	4.67E-03	7.26E-05	3.20E-03	1.07E-03	5.49E-05	1.31E-02	2.71E-01	0.00E+00	3.58E-10	4.78E-10	5.43E-05	1.47E-06	3.65E-02	0.00E+00	2.71E-01	6.87E-10	2.71E-01	3.08E-01	3.65E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
471509	6.83E-05	2.93E-02	5.08E-03	2.42E-02	0.00E+00	0.00E+00	3.17E-01	3.13E-07	2.94E-05	1.86E-04	0.00E+00	5.38E-04	2.41E-09	7.16E-11	3.63E-03	5.84E-05	2.37E-03	6.33E-04	4.25E-05	1.01E-02	2.15E-01	0.00E+00	2.86E-10	3.79E-10	4.33E-05	1.15E-06	2.89E-02	0.00E+00	2.15E-01	5.41E-10	2.15E-01	2.44E-01	2.89E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
47157003	6.15E-05	2.86E-02	4.96E-03	2.36E-02	0.00E+00	0.00E+00	3.10E-01	3.05E-07	2.87E-05	1.81E-04	0.00E+00	5.25E-04	2.35E-09	6.98E-11	3.55E-03	5.69E-05	2.33E-03	6.33E-04	4.16E-05	9.88E-03	2.10E-01	0.00E+00	2.79E-10	3.70E-10	4.22E-05	1.13E-06	2.82E-02	0.00E+00	2.10E-01	5.29E-10	2.10E-01	2.38E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
47157004	7.63E-05	3.51E-02	6.19E-03	2.90E-02	0.00E+00	0.00E+00	3.86E-01	3.78E-07	3.58E-05	2.25E-04	0.00E+00	6.55E-04	2.94E-09	8.70E-11	4.34E-03	7.11E-05	2.76E-03	6.33E-04	5.08E-05	1.21E-02	2.61E-01	0.00E+00	3.47E-10	4.58E-10	5.25E-05	1.39E-06	3.50E-02	0.00E+00	2.61E-01	6.53E-10	2.61E-01	2.96E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
47157006	6.12E-05	2.71E-02	5.11E-03	2.20E-02	0.00E+00	0.00E+00	3.17E-01	3.02E-07	2.92E-05	1.82E-04	0.00E+00	5.37E-04	2.43E-09	7.10E-11	3.28E-03	5.87E-05	1.81E-03	0.00E+00	3.82E-05	9.03E-03	2.09E-01	0.00E+00	2.82E-10	3.65E-10	4.24E-05	1.08E-06	2.79E-02	0.00E+00	2.09E-01	5.12E-10	2.09E-01	2.37E-01	2.79E-02	0.00E+00	0.00E+00	0.00E+00	1.64E-03
47157009	6.11E-05	2.71E-02	5.10E-03	2.20E-02	0.00E+00	0.00E+00	3.17E-01	3.01E-07	2.92E-05	1.81E-04	0.00E+00	5.36E-04	2.42E-09	7.08E-11	3.27E-03	5.86E-05	1.81E-03	0.00E+00	3.82E-05	9.01E-03	2.09E-01	0.00E+00	2.82E-10	3.65E-10	4.24E-05	1.08E-06	2.78E-02	0.00E+00	2.09E-01	5.11E-10	2.09E-01	2.36E-01	2.78E-02	0.00E+00	0.00E+00	0.00E+00	1.64E-03
47157013	5.68E-05	2.71E-02	4.93E-03	2.03E-02	1.20E-14	0.00E+00	2.85E-01	2.74E-07	2.62E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.76E-03	1.51E-04	3.81E-05	8.17E-03	1.91E-01	0.00E+00	2.57E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47157014	6.38E-05	3.06E-02	5.57E-03	2.28E-02	5.00E-15	0.00E+00	3.20E-01	3.07E-07	2.95E-05	1.87E-04	0.00E+00	5.88E-04	2.45E-09	7.15E-11	3.40E-03	6.05E-05	1.98E-03	1.64E-04	4.30E-05	9.19E-03	2.14E-01	0.00E+00	2.89E-10	3.76E-10	4.35E-05	1.14E-06	2.86E-02	0.00E+00	2.14E-01	5.69E-10	2.14E-01	2.43E-01	2.86E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-03
47157015	5.68E-05	2.71E-02	4.93E-03	2.03E-02	1.20E-14	0.00E+00	2.85E-01	2.74E-07	2.62E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.76E-03	1.51E-04	3.81E-05	8.17E-03	1.91E-01	0.00E+00	2.57E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47157113	5.69E-05	2.71E-02	4.93E-03	2.03E-02	1.20E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.77E-03	1.52E-04	3.81E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47157114	5.67E-05	2.71E-02	4.93E-03	2.03E-02	1.00E-14	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.36E-11	3.02E-03	5.38E-05	1.76E-03	1.50E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.87E-05	1.01E-06	2.55E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47157115	5.68E-05	2.71E-02	4.93E-03	2.03E-02	1.20E-14	0.00E+00	2.85E-01	2.74E-07	2.62E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.76E-03	1.51E-04	3.81E-05	8.17E-03	1.91E-01	0.00E+00	2.57E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
4716	6.59E-05	4.91E-02	2.82E-02	2.15E-02	1.42E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.97E-04	0.00E+00	1.14E-03	2.35E-09	6.68E-11	3.16E-03	6.89E-05	1.84E-03	1.40E-02	1.28E-04	6.94E-03	2.17E-01	0.00E+00	3.04E-10	3.88E-10	4.51E-05	1.31E-06	2.92E-02	0.00E+00	2.17E-01	1.06E-09	2.17E-01	2.46E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
471601	6.60E-05	4.92E-02	2.83E-02	2.15E-02	1.42E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.97E-04	0.00E+00	1.14E-03	2.35E-09	6.67E-11	3.16E-03	6.89E-05	1.84E-03	1.41E-02	1.29E-04	6.93E-03	2.17E-01	0.00E+00	3.05E-10	3.88E-10	4.51E-05	1.31E-06	2.92E-02	0.00E+00	2.17E-01	1.06E-09	2.17E-01	2.46E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
471609	6.31E-05	2.93E-02	5.08E-03	2.42E-02	0.00E+00	0.00E+00	3.17E-01	3.13E-07	2.94E-05	1.86E-04	0.00E+00	5.38E-04	2.41E-09	7.16E-11	3.63E-03	5.84E-05	2.37E-03	6.33E-04	4.25E-05	1.01E-02	2.15E-01	0.00E+00	2.86E-10	3.79E-10	4.33E-05	1.15E-06	2.89E-02	0.00E+00	2.15E-01	5.41E-10	2.15E-01	2.44E-01	2.89E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
4718	9.22E-05	6.92E-02	4.00E-02	3.00E-02	2.01E-10	0.00E+00	4.24E-01	4.11E-07	3.89E-05	2.75E-04	0.00E+00	1.60E-03	3.28E-09	9.29E-11	4.39E-03	9.65E-05	2.56E-03	1.99E-02	1.81E-04	9.57E-03	3.03E-01	0.00E+00	4.26E-10	5.42E-10	6.31E-05	1.85E-06	4.07E-02	0.00E+00	3.03E-01	1.50E-09	3.03E-01	3.44E-01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	2.52E-03
471801	9.20E-05	6.86E-02	3.95E-02	3.00E-02	1.99E-10	0.00E+00	4.24E-01	4.11E-07	3.89E-05	2.74E-04	0.00E+00	1.59E-03	3.28E-09	9.30E-11	4.40E-03	9.61E-05	2.56E-03	1.96E-02	1.79E-04	9.65E-03	3.02E-01	0.00E+00	4.25E-10	5.41E-10	6.29E-05	1.83E-06	4.07E-02	0.00E+00	3.02E-01	1.48E-09	3.02E-01	3.43E-01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	2.51E-03
471809	6.61E-05	3.06E-02	5.34E-03	2.52E-02	0.00E+00	0.00E+00	3.34E-01	3.28E-07	3.09E-05	1.95E-04	0.00E+00	5.66E-04	2.54E-09	7.52E-11	3.78E-03	6.14E-05	2.45E-03	6.15E-04	4.43E-05	1.05E-02	2.26E-01	0.00E+00	3.00E-10	3.97E-10	4.54E-05	1.21E-06	3.03E-02	0.00E+00	2.26E-01	5.67E-10	2.26E-01	2.56E-01	3.03E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
4719	6.60E-05	4.92E-02	2.83E-02	2.15E-02	1.42E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.97E-04	0.00E+00	1.14E-03	2.35E-09	6.67E-11	3.16E-03	6.89E-05	1.84E-03	1.41E-02	1.29E-04	6.93E-03	2.17E-01	0.00E+00	3.05E-10	3.88E-10	4.51E-05	1.31E-06	2.92E-02	0.00E+00	2.17E-01	1.06E-09	2.17E-01	2.46E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
471909	6.60E-05	4.92E-02	2.83E-02	2.15E-02	1.42E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.97E-04	0.00E+00	1.14E-03	2.35E-09	6.67E-11	3.16E-03	6.89E-05	1.84E-03	1.40E-02	1.28E-04	6.94E-03	2.17E-01	0.00E+00	3.04E-10	3.88E-10	4.51E-05	1.31E-06	2.92E-02	0.00E+00	2.17E-01	1.06E-09	2.17E-01	2.46E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
47202045	1.12E-04	5.26E-02	9.56E-03	4.01E-02	6.40E-14	0.00E+00	5.61E-01	5.39E-07	5.17E-05	3.28E-04	0.00E+00	1.01E-03	4.29E-09	1.25E-10	5.97E-03	1.06E-04	3.49E-03	3.26E-04	7.40E-05	1.61E-02	3.76E-01	0.00E+00	5.08E-10	6.60E-10	7.64E-05	2.01E-06	5.03E-02	0.00E+00	3.76E-01	9.79E-10	3.76E-01	4.26E-01	5.03E-02	0.00E+00	0.00E+00	0.00E+00	3.04E-03
47202089	1.12E-04	5.26E-02	9.56E-03	4.01E-02	6.40E-14	0.00E+00	5.61E-01	5.39E-07	5.17E-05	3.28E-04	0.00E+00	1.01E-03	4.29E-09	1.25E-10	5.97E-03	1.06E-04	3.49E-03	3.26E-04	7.40E-05	1.61E-02	3.76E-01	0.00E+00	5.08E-10	6.60E-10	7.64E-05	2.01E-06	5.03E-02	0.00E+00	3.76E-01	9.79E-10	3.76E-01	4.26E-01	5.03E-02	0.00E+00	0.00E+00	0.00E+00	3.04E-03
47206084	1.14E-04	5.27E-02	9.56E-03	4.06E-02	9.60E-14	0.00E+00	5.67E-01	5.46E-07	5.23E-05	3.32E-04	0.00E+00	1.01E-03	4.33E-09	1.27E-10	6.04E-03	1.08E-04	3.54E-03	3.51E-04	7.41E-05	1.63E-02	3.80E-01	0.00E+00	5.14E-10	6.69E-10	7.73E-05	2.04E-06	5.09E-02	0.00E+00	3.80E-01	9.81E-10	3.80E-01	4.31E-01	5.09E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
47206086	1.13E-04	5.26E-02	9.56E-03	4.03E-02	8.10E-14	0.00E+00	5.64E-01	5.43E-07	5.20E-05	3.30E-04	0.00E+00	1.01E-03	4.31E-09	1.26E-10	6.01E-03	1.07E-04	3.52E-03	3.39E-04	7.40E-05	1.62E-02	3.78E-01	0.00E+00	5.11E-10	6.65E-10	7.69E-05	2.02E-06	5.06E-02	0.00E+00	3.78E-01	9.80E-10	3.78E-01	4.29E-01	5.06E-02	0.00E+00	0.00E+00	0.00E+00	3.06E-03
47206089	1.26E-04	6.01E-02	9.93E-03	5.02E-02	0.00E+00	0.00E+00	6.23E-01	6.28E-07	5.80E-05	3.70E-04	0.00E+00	1.06E-03	4.72E-09	1.41E-10	7.58E-03	1.14E-04	5.38E-03	2.07E-03	8.90E-05	2.12E-02	4.31E-01	0.00E+00	5.66E-10	7.61E-10	8.60E-05	2.35E-06	5.81E-02	0.00E+00	4.31E-01	1.10E-09	4.31E-01	4.89E-01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	3.82E-03
47206094	6.07E-05	2.62E-02	4.72E-03	2.16E-02	1.47E-13	0.00E+00	3.00E-01	2.90E-07	2.77E-05	1.77E-04	0.00E+00	5.01E-04	2.29E-09	6.71E-11	3.22E-03	5.76E-05	1.91E-03	2.52E-04	3.68E-05	8.60E-03	2.03E-01	0.00E+00	2.74E-10	3.57E-10	4.12E-05	1.10E-06	2.71E-02	0.00E+00	2.03E-01	4.88E-10	2.03E-01	2.30E-01	2.71E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
47206096	1.14E-04	5.27E-02	9.56E-03	4.06E-02	9.60E-14	0.00E+00	5.67E-01	5.46E-07	5.23E-05	3.32E-04	0.00E+00	1.01E-03	4.33E-09	1.27E-10	6.04E-03	1.08E-04	3.54E-03	3.51E-04	7.41E-05	1.63E-02	3.80E-01	0.00E+00	5.14E-10	6.69E-10	7.73E-05	2.04E-06	5.09E-02	0.00E+00	3.80E-01	9.81E-10	3.80E-01	4.31E-01	5.09E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
47206099	1.25E-04	5.97E-02	9.85E-03	4.99E-02	0.00E+00	0.00E+00	6.18E-01	6.23E-07	5.76E-05	3.67E-04	0.00E+00	1.05E-03	4.68E-09	1.40E-10	7.53E-03	1.13E-04	5.36E-03	2.07E-03	8.85E-05	2.11E-02	4.28E-01	0.00E+00	5.62E-10	7.55E-10	8.54E-05	2.34E-06	5.77E-02	0.00E+00	4.28E-01	1.09E-09	4.28E-01	4.86E-01	5.77E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
47208982	1.12E-04	5.26E-02	9.56E-03	4.00E-02	5.90E-14	0.00E+00	5.60E-01	5.38E-07	5.16E-05	3.27E-04	0.00E+00	1.01E-03	4.28E-09	1.25E-10	5.96E-03	1.06E-04	3.48E-03	3.22E-04	7.40E-05	1.61E-02	3.75E-01	0.00E+00	5.07E-10	6.59E-10	7.62E-05	2.00E-06	5.02E-02	0.00E+00	3.75E-01	9.79E-10	3.75E-01	4.25E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	3.03E-03
47208989	1.26E-04	6.01E-02	9.93E-03	5.02E-02	0.00E+00	0.00E+00	6.23E-01	6.28E-07	5.80E-05	3.70E-04	0.00E+00	1.06E-03	4.72E-09	1.41E-10	7.58E-03	1.14E-04	5.38E-03	2.07E-03	8.90E-05	2.12E-02	4.31E-01	0.00E+00	5.66E-10	7.61E-10	8.60E-05	2.35E-06	5.81E-02	0.00E+00	4.31E-01	1.10E-09	4.31E-01	4.89E-01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	3.82E-03
47209909	1.11E-04	5.26E-02	9.56E-03	3.96E-02	3.70E-14	0.00E+00	5.55E-01	5.34E-07	5.12E-05	3.24E-04	0.00E+00	1.01E-03	4.24E-09	1.24E-10	5.90E-03	1.05E-04	3.45E-03	3.05E-04	7.40E-05	1.59E-02	3.72E-01	0.00E+00	5.02E-10	6.53E-10	7.55E-05	1.98E-06	4.97E-02	0.00E+00	3.72E-01	9.78E-10	3.72E-01	4.21E-01	4.97E-02	0.00E+00	0.00E+00	0.00E+00	3.00E-03
47209939	1.11E-04	5.26E-02	9.56E-03	3.96E-02	3.70E-14	0.00E+00	5.55E-01	5.34E-07	5.12E-05	3.24E-04	0.00E+00	1.01E-03	4.24E-09	1.24E-10	5.90E-03	1.05E-04	3.45E-03	3.05E-04	7.40E-05	1.59E-02	3.72E-01	0.00E+00	5.02E-10	6.53E-10	7.55E-05	1.98E-06	4.97E-02	0.00E+00	3.72E-01	9.78E-10	3.72E-01	4.21E-01	4.97E-02	0.00E+00	0.00E+00	0.00E+00	3.00E-03
47209949	1.26E-04	6.02E-02	9.93E-03	5.02E-02	0.00E+00	0.00E+00	6.23E-01	6.28E-07	5.80E-05	3.70E-04	0.00E+00	1.06E-03	4.72E-09	1.41E-10	7.58E-03	1.14E-04	5.39E-03	2.07E-03	8.91E-05	2.12E-02	4.31E-01	0.00E+00	5.66E-10	7.61E-10	8.61E-05	2.36E-06	5.82E-02	0.00E+00	4.31E-01	1.10E-09	4.31E-01	4.89E-01	5.82E-02	0.00E+00	0.00E+00	0.00E+00	3.82E-03
47228982	6.16E-05	2.92E-02	5.31E-03	2.20E-02	2.10E-14	0.00E+00	3.08E-01	2.96E-07	2.84E-05	1.80E-04	0.00E+00	5.61E-04	2.36E-09	6.89E-11	3.28E-03	5.84E-05	1.91E-03	1.69E-04	4.11E-05	8.85E-03	2.06E-01	0.00E+00	2.79E-10	3.63E-10	4.19E-05	1.10E-06	2.76E-02	0.00E+00	2.06E-01	5.43E-10	2.06E-01	2.34E-01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
47228989	5.33E-05	2.37E-02	4.46E-03	1.92E-02	0.00E+00	0.00E+00	2.77E-01	2.63E-07	2.55E-05	1.58E-04	0.00E+00	4.68E-04	2.12E-09	6.18E-11	2.86E-03	5.12E-05	1.58E-03	0.00E+00	3.33E-05	7.87E-03	1.82E-01	0.00E+00	2.46E-10	3.19E-10	3.70E-05	9.44E-07	2.43E-02	0.00E+00	1.82E-01	4.46E-10	1.82E-01	2.06E-01	2.43E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
47229909	5.95E-05	2.53E-02	4.46E-03	2.09E-02	0.00E+00	0.00E+00	2.78E-01	2.72E-07	2.57E-05	1.62E-04	0.00E+00	4.71E-04	2.12E-09	6.26E-11	3.13E-03	5.12E-05	2.00E-03	4.63E-04	3.66E-05	8.70E-03	1.88E-01	0.00E+00	2.50E-10	3.30E-10	3.78E-05	1.00E-06	2.52E-02	0.00E+00	1.88E-01	4.70E-10	1.88E-01	2.13E-01	2.52E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-03
47229939	6.12E-05	2.92E-02	5.31E-03	2.19E-02	1.30E-14	0.00E+00	3.07E-01	2.95E-07	2.83E-05	1.79E-04	0.00E+00	5.60E-04	2.34E-09	6.86E-11	3.26E-03	5.81E-05	1.90E-03	1.63E-04	4.10E-05	8.80E-03	2.05E-01	0.00E+00	2.77E-10	3.61E-10	4.17E-05	1.09E-06	2.75E-02	0.00E+00	2.05E-01	5.43E-10	2.05E-01	2.33E-01	2.75E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
47229949	6.12E-05	2.92E-02	5.31E-03	2.19E-02	1.30E-14	0.00E+00	3.07E-01	2.95E-07	2.83E-05	1.79E-04	0.00E+00	5.60E-04	2.34E-09	6.86E-11	3.26E-03	5.81E-05	1.90E-03	1.63E-04	4.10E-05	8.80E-03	2.05E-01	0.00E+00	2.77E-10	3.61E-10	4.17E-05	1.09E-06	2.75E-02	0.00E+00	2.05E-01	5.43E-10	2.05E-01	2.33E-01	2.75E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
47231404	5.68E-05	2.71E-02	4.93E-03	2.03E-02	1.20E-14	0.00E+00	2.85E-01	2.74E-07	2.62E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.76E-03	1.51E-04	3.81E-05	8.17E-03	1.91E-01	0.00E+00	2.57E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47231606	6.69E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
47231903	5.67E-05	2.70E-02	4.92E-03	2.03E-02	1.10E-14	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.35E-11	3.02E-03	5.38E-05	1.76E-03	1.50E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.03E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47231909	6.69E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03

47231914	5.67E-05	2.71E-02	4.93E-03	2.03E-02	1.00E-14	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.36E-11	3.02E-03	5.38E-05	1.76E-03	1.50E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.87E-05	1.01E-06	2.55E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47231917	5.67E-05	2.71E-02	4.93E-03	2.03E-02	9.00E-15	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.35E-11	3.02E-03	5.38E-05	1.76E-03	1.49E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47231922	5.67E-05	2.71E-02	4.93E-03	2.03E-02	1.00E-14	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.36E-11	3.02E-03	5.38E-05	1.76E-03	1.50E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.87E-05	1.01E-06	2.55E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47232045	6.19E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
47232089	7.67E-05	3.40E-02	6.40E-03	2.76E-02	0.00E+00	0.00E+00	3.98E-01	3.78E-07	3.66E-05	2.28E-04	0.00E+00	6.72E-04	3.04E-09	8.89E-11	4.11E-03	7.36E-05	2.27E-03	0.00E+00	4.79E-05	1.13E-02	2.62E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.36E-06	3.49E-02	0.00E+00	2.62E-01	6.42E-10	2.62E-01	2.97E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
47236003	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.70E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.56E-04	3.81E-05	8.21E-03	1.91E-01	0.00E+00	2.59E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47236022	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.41E-05	1.77E-03	1.54E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47236084	8.19E-05	3.36E-02	6.32E-03	2.73E-02	0.00E+00	0.00E+00	3.93E-01	3.73E-07	3.61E-05	2.25E-04	0.00E+00	6.64E-04	3.00E-09	8.78E-11	4.06E-03	7.26E-05	2.24E-03	0.00E+00	4.73E-05	1.12E-02	2.58E-01	0.00E+00	3.49E-10	4.52E-10	5.25E-05	1.34E-06	3.45E-02	0.00E+00	2.58E-01	6.34E-10	2.58E-01	2.93E-01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
47236086	8.19E-05	3.36E-02	6.32E-03	2.73E-02	0.00E+00	0.00E+00	3.93E-01	3.73E-07	3.61E-05	2.25E-04	0.00E+00	6.64E-04	3.00E-09	8.78E-11	4.05E-03	7.26E-05	2.24E-03	0.00E+00	4.73E-05	1.12E-02	2.58E-01	0.00E+00	3.49E-10	4.52E-10	5.25E-05	1.34E-06	3.45E-02	0.00E+00	2.58E-01	6.34E-10	2.58E-01	2.93E-01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
47236089	8.19E-05	3.36E-02	6.32E-03	2.73E-02	0.00E+00	0.00E+00	3.93E-01	3.73E-07	3.61E-05	2.25E-04	0.00E+00	6.64E-04	3.00E-09	8.78E-11	4.05E-03	7.26E-05	2.24E-03	0.00E+00	4.73E-05	1.12E-02	2.58E-01	0.00E+00	3.49E-10	4.52E-10	5.25E-05	1.34E-06	3.45E-02	0.00E+00	2.58E-01	6.34E-10	2.58E-01	2.93E-01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
47238903	6.90E-05	3.31E-02	6.03E-03	2.47E-02	3.00E-15	0.00E+00	3.46E-01	3.32E-07	3.19E-05	2.02E-04	0.00E+00	6.36E-04	2.64E-09	7.74E-11	3.67E-03	6.54E-05	2.14E-03	1.76E-04	4.66E-05	9.93E-03	2.31E-01	0.00E+00	3.13E-10	4.07E-10	4.70E-05	1.23E-06	3.10E-02	0.00E+00	2.31E-01	6.16E-10	2.31E-01	2.62E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-03
47238907	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47238914	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.55E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47238917	5.67E-05	2.71E-02	4.93E-03	2.03E-02	9.00E-15	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.35E-11	3.02E-03	5.38E-05	1.76E-03	1.49E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47238922	6.10E-05	2.71E-02	5.10E-03	2.20E-02	0.00E+00	0.00E+00	3.17E-01	3.01E-07	2.91E-05	1.81E-04	0.00E+00	5.35E-04	2.42E-09	7.08E-11	3.27E-03	5.86E-05	1.81E-03	0.00E+00	3.81E-05	9.00E-03	2.08E-01	0.00E+00	2.81E-10	3.64E-10	4.23E-05	1.08E-06	2.78E-02	0.00E+00	2.08E-01	5.11E-10	2.08E-01	2.36E-01	2.78E-02	0.00E+00	0.00E+00	0.00E+00	1.64E-03
47238982	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.55E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47238989	8.19E-05	3.36E-02	6.32E-03	2.73E-02	0.00E+00	0.00E+00	3.93E-01	3.73E-07	3.61E-05	2.25E-04	0.00E+00	6.64E-04	3.00E-09	8.78E-11	4.06E-03	7.26E-05	2.24E-03	0.00E+00	4.73E-05	1.12E-02	2.58E-01	0.00E+00	3.49E-10	4.52E-10	5.25E-05	1.34E-06	3.45E-02	0.00E+00	2.58E-01	6.34E-10	2.58E-01	2.93E-01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
47241404	7.38E-05	3.55E-02	6.47E-03	2.64E-02	1.00E-15	0.00E+00	3.70E-01	3.56E-07	3.41E-05	2.16E-04	0.00E+00	6.82E-04	2.83E-09	8.28E-11	3.93E-03	7.00E-05	2.29E-03	1.87E-04	5.00E-05	1.06E-02	2.48E-01	0.00E+00	3.35E-10	4.35E-10	5.03E-05	1.32E-06	3.31E-02	0.00E+00	2.48E-01	6.60E-10	2.48E-01	2.81E-01	3.31E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
47241606	1.14E-04	5.57E-02	1.02E-02	4.07E-02	5.10E-14	0.00E+00	5.72E-01	5.49E-07	5.27E-05	3.33E-04	0.00E+00	1.07E-03	4.37E-09	1.28E-10	6.06E-03	1.08E-04	3.52E-03	2.53E-04	7.84E-05	1.64E-02	3.82E-01	0.00E+00	5.16E-10	6.70E-10	7.76E-05	2.03E-06	5.11E-02	0.00E+00	3.82E-01	1.04E-09	3.82E-01	4.33E-01	5.11E-02	0.00E+00	0.00E+00	0.00E+00	3.07E-03
47241909	6.31E-05	3.00E-02	5.47E-03	2.25E-02	1.30E-14	0.00E+00	3.16E-01	3.04E-07	2.91E-05	1.84E-04	0.00E+00	5.77E-04	2.42E-09	7.06E-11	3.36E-03	5.98E-05	1.96E-03	1.68E-04	4.23E-05	9.07E-03	2.11E-01	0.00E+00	2.86E-10	3.72E-10	4.30E-05	1.13E-06	2.83E-02	0.00E+00	2.11E-01	5.59E-10	2.11E-01	2.40E-01	2.83E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-03
47248982	5.72E-05	2.71E-02	4.93E-03	2.04E-02	1.90E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.57E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47248989	6.15E-05	2.86E-02	4.95E-03	2.36E-02	0.00E+00	0.00E+00	3.10E-01	3.05E-07	2.87E-05	1.81E-04	0.00E+00	5.25E-04	2.35E-09	6.98E-11	3.55E-03	5.69E-05	2.33E-03	6.33E-04	4.16E-05	9.88E-03	2.10E-01	0.00E+00	2.79E-10	3.70E-10	4.22E-05	1.13E-06	2.82E-02	0.00E+00	2.10E-01	5.29E-10	2.10E-01	2.38E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
47271404	5.69E-05	2.71E-02	4.93E-03	2.03E-02	1.30E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.77E-03	1.52E-04	3.81E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47271606	5.68E-05	2.71E-02	4.93E-03	2.03E-02	1.20E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.77E-03	1.51E-04	3.81E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47271909	3.18E-05	1.45E-02	2.64E-03	1.14E-02	3.70E-14	0.00E+00	1.58E-01	1.53E-07	1.46E-05	9.28E-05	0.00E+00	2.79E-04	1.21E-09	3.54E-11	1.69E-03	3.01E-05	9.92E-04	1.05E-04	2.04E-05	4.54E-03	1.06E-01	0.00E+00	1.44E-10	1.87E-10	2.16E-05	5.71E-07	1.42E-02	0.00E+00	1.06E-01	2.71E-10	1.06E-01	1.21E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.63E-04
47272045	6.66E-05	5.06E-02	2.96E-02	2.16E-02	1.49E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.99E-04	0.00E+00	1.17E-03	2.35E-09	6.65E-11	3.14E-03	6.99E-05	1.84E-03	1.48E-02	1.33E-04	6.75E-03	2.19E-01	0.00E+00	3.08E-10	3.91E-10	4.56E-05	1.35E-06	2.94E-02	0.00E+00	2.19E-01	1.09E-09	2.19E-01	2.48E-01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
47272089	6.66E-05	5.06E-02	2.96E-02	2.16E-02	1.49E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.99E-04	0.00E+00	1.17E-03	2.35E-09	6.65E-11	3.14E-03	6.99E-05	1.84E-03	1.48E-02	1.33E-04	6.75E-03	2.19E-01	0.00E+00	3.08E-10	3.91E-10	4.56E-05	1.35E-06	2.94E-02	0.00E+00	2.19E-01	1.09E-09	2.19E-01	2.48E-01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
47276084	6.72E-05	3.23E-02	5.89E-03	2.40E-02	2.00E-15	0.00E+00	3.37E-01	3.24E-07	3.11E-05	1.97E-04	0.00E+00	6.22E-04	2.58E-09	7.54E-11	3.58E-03	6.37E-05	2.08E-03	1.68E-04	4.55E-05	9.68E-03	2.25E-01	0.00E+00	3.05E-10	3.96E-10	4.58E-05	1.20E-06	3.02E-02	0.00E+00	2.25E-01	6.02E-10	2.25E-01	2.56E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
47276086	2.51E-05	1.10E-02	1.99E-03	8.97E-03	5.30E-14	0.00E+00	1.25E-01	1.20E-07	1.15E-05	7.34E-05	0.00E+00	2.11E-04	9.52E-10	2.78E-11	1.33E-03	2.39E-05	7.89E-04	9.89E-05	1.55E-05	3.57E-03	8.40E-02	0.00E+00	1.14E-10	1.48E-10	1.71E-05	4.54E-07	1.12E-02	0.00E+00	8.40E-02	2.05E-10	8.40E-02	9.52E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.85E-04
47276089	3.18E-05	1.44E-02	2.61E-03	1.13E-02	4.30E-14	0.00E+00	1.58E-01	1.52E-07	1.46E-05	9.28E-05	0.00E+00	2.76E-04	1.21E-09	3.54E-11	1.69E-03	3.01E-05	9.93E-04	1.09E-04	2.02E-05	4.54E-03	1.06E-01	0.00E+00	1.44E-10	1.87E-10	2.16E-05	5.71E-07	1.42E-02	0.00E+00	1.06E-01	2.68E-10	1.06E-01	1.21E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.64E-04
47278982	5.78E-05	2.71E-02	4.93E-03	2.07E-02	3.30E-14	0.00E+00	2.89E-01	2.78E-07	2.67E-05	1.69E-04	0.00E+00	5.21E-04	2.21E-09	6.46E-11	3.08E-03	5.48E-05	1.80E-03	1.68E-04	3.82E-05	8.29E-03	1.94E-01	0.00E+00	2.62E-10	3.41E-10	3.94E-05	1.04E-06	2.59E-02	0.00E+00	1.94E-01	5.05E-10	1.94E-01	2.20E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-03
47278989	3.25E-05	1.48E-02	2.67E-03	1.16E-02	4.20E-14	0.00E+00	1.62E-01	1.56E-07	1.49E-05	9.48E-05	0.00E+00	2.83E-04	1.24E-09	3.61E-11	1.73E-03	3.08E-05	1.01E-03	1.10E-04	2.07E-05	4.63E-03	1.09E-01	0.00E+00	1.47E-10	1.91E-10	2.21E-05	5.83E-07	1.45E-02	0.00E+00	1.09E-01	2.75E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.82E-04
47287103	5.77E-05	2.71E-02	4.93E-03	2.06E-02	3.10E-14	0.00E+00	2.89E-01	2.78E-07	2.66E-05	1.69E-04	0.00E+00	5.21E-04	2.21E-09	6.45E-11	3.07E-03	5.47E-05	1.79E-03	1.66E-04	3.82E-05	8.28E-03	1.93E-01	0.00E+00	2.61E-10	3.40E-10	3.93E-05	1.03E-06	2.59E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
47287106	5.66E-05	2.71E-02	4.93E-03	2.02E-02	7.00E-15	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.65E-04	0.00E+00	5.20E-04	2.17E-09	6.34E-11	3.01E-03	5.37E-05	1.76E-03	1.47E-04	3.81E-05	8.14E-03	1.90E-01	0.00E+00	2.56E-10	3.33E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.15E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
47287109	5.65E-05	2.71E-02	4.93E-03	2.02E-02	6.00E-15	0.00E+00	2.83E-01	2.73E-07	2.61E-05	1.65E-04	0.00E+00	5.20E-04	2.17E-09	6.34E-11	3.01E-03	5.36E-05	1.76E-03	1.47E-04	3.81E-05	8.14E-03	1.90E-01	0.00E+00	2.56E-10	3.33E-10	3.85E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.15E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
47357002	5.69E-05	2.71E-02	4.93E-03	2.03E-02	1.30E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.40E-05	1.77E-03	1.52E-04	3.81E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47357003	5.76E-05	2.73E-02	4.97E-03	2.06E-02	1.90E-14	0.00E+00	2.89E-01	2.77E-07	2.66E-05	1.68E-04	0.00E+00	5.25E-04	2.21E-09	6.45E-11	3.07E-03	5.46E-05	1.79E-03	1.58E-04	3.85E-05	8.28E-03	1.93E-01	0.00E+00	2.61E-10	3.39E-10	3.93E-05	1.03E-06	2.59E-02	0.00E+00	1.93E-01	5.09E-10	1.93E-01	2.19E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
47357004	6.15E-05	2.86E-02	4.96E-03	2.36E-02	0.00E+00	0.00E+00	3.10E-01	3.05E-07	2.87E-05	1.81E-04	0.00E+00	5.25E-04	2.35E-09	6.98E-11	3.55E-03	5.69E-05	2.33E-03	6.33E-04	4.16E-05	9.88E-03	2.10E-01	0.00E+00	2.79E-10	3.70E-10	4.22E-05	1.13E-06	2.82E-02	0.00E+00	2.10E-01	5.29E-10	2.10E-01	2.38E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
47357006	7.69E-05	3.41E-02	6.42E-03	2.77E-02	0.00E+00	0.00E+00	3.99E-01	3.79E-07	3.67E-05	2.28E-04	0.00E+00	6.75E-04	3.05E-09	8.92E-11	4.12E-03	7.38E-05	2.28E-03	0.00E+00	4.80E-05	1.13E-02	2.62E-01	0.00E+00	3.55E-10	4.59E-10	5.33E-05	1.36E-06	3.50E-02	0.00E+00	2.62E-01	6.44E-10	2.62E-01	2.97E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
47357009	7.68E-05	3.41E-02	6.42E-03	2.77E-02	0.00E+00	0.00E+00	3.98E-01	3.79E-07	3.67E-05	2.28E-04	0.00E+00	6.74E-04	3.05E-09	8.91E-11	4.12E-03	7.37E-05	2.27E-03	0.00E+00	4.80E-05	1.13E-02	2.62E-01	0.00E+00	3.54E-10	4.59E-10	5.33E-05	1.36E-06	3.50E-02	0.00E+00	2.62E-01	6.43E-10	2.62E-01	2.97E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
47357113	6.41E-05	3.07E-02	5.59E-03	2.29E-02	6.00E-15	0.00E+00	3.22E-01	3.09E-07	2.96E-05	1.88E-04	0.00E+00	5.90E-04	2.46E-09	7.19E-11	3.42E-03	6.08E-05	1.99E-03	1.66E-04	4.32E-05	9.23E-03	2.15E-01	0.00E+00	2.91E-10	3.78E-10	4.37E-05	1.15E-06	2.88E-02	0.00E+00	2.15E-01	5.72E-10	2.15E-01	2.44E-01	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
47357115	5.68E-05	2.71E-02	4.93E-03	2.03E-02	1.20E-14	0.00E+00	2.85E-01	2.74E-07	2.62E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.76E-03	1.51E-04	3.81E-05	8.17E-03	1.91E-01	0.00E+00	2.57E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47387003	6.50E-05	3.11E-02	5.67E-03	2.32E-02	6.00E-15	0.00E+00	3.26E-01	3.13E-07	3.00E-05	1.90E-04	0.00E+00	5.98E-04	2.49E-09	7.29E-11	3.46E-03	6.16E-05	2.02E-03	1.68E-04	4.38E-05	9.36E-03	2.18E-01	0.00E+00	2.95E-10	3.83E-10	4.43E-05	1.16E-06	2.92E-02	0.00E+00	2.18E-01	5.79E-10	2.18E-01	2.47E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
47387006	5.69E-05	2.71E-02	4.93E-03	2.04E-02	1.40E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.53E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47387009	5.69E-05	2.71E-02	4.93E-03	2.04E-02	1.40E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.53E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47393505	1.08E-04	4.78E-02	9.00E-03	3.88E-02	0.00E+00	0.00E+00	5.59E-01	5.31E-07	5.14E-05	3.20E-04	0.00E+00	9.45E-04	4.27E-09	1.25E-10	5.77E-03	1.03E-04	3.19E-03	0.00E+00	6.73E-05	1.59E-02	3.68E-01	0.00E+00	4.97E-10	6.43E-10	7.47E-05	1.91E-06	4.90E-02	0.00E+00	3.68E-01	9.02E-10	3.68E-01	4.17E-01	4.90E-02	0.00E+00	0.00E+00	0.00E+00	2.89E-03
47397003	5.60E-05	2.66E-02	4.85E-03	2.00E-02	1.50E-14	0.00E+00	2.81E-01	2.70E-07	2.59E-05	1.64E-04	0.00E+00	5.12E-04	2.15E-09	6.28E-11	2.98E-03	5.31E-05	1.74E-03	1.51E-04	3.75E-05	8.06E-03	1.88E-01	0.00E+00	2.54E-10	3.30E-10	3.82E-05	1.00E-06	2.51E-02	0.00E+00	1.88E-01	4.96E-10	1.88E-01	2.13E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.52E-03
47397006	2.82E-05	1.36E-02	2.49E-03	1.01E-02	5.00E-15	0.00E+00	1.41E-01	1.36E-07	1.30E-05	8.24E-05	0.00E+00	2.62E-04	1.08E-09	3.16E-11	1.50E-03	2.67E-05	8.73E-04	6.78E-05	1.92E-05	4.06E-03	9.45E-02	0.00E+00	1.28E-10	1.66E-10	1.92E-05	5.03E-07	1.26E-02	0.00E+00	9.45E-02	2.54E-10	9.45E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.62E-04
47397009	5.69E-05	2.71E-02	4.93E-03	2.03E-02	1.30E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.40E-05	1.77E-03	1.52E-04	3.81E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47397013	6.44E-05	3.09E-02	5.62E-03	2.30E-02	5.00E-15	0.00E+00	3.23E-01	3.10E-07	2.98E-05	1.88E-04	0.00E+00	5.93E-04	2.47E-09	7.22E-11	3.43E-03	6.11E-05	2.00E-03	1.66E-04	4.34E-05	9.27E-03	2.16E-01	0.00E+00	2.92E-10	3.79E-10	4.39E-05	1.15E-06	2.89E-02	0.00E+00	2.16E-01	5.74E-10	2.16E-01	2.45E-01	2.89E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
47397014	6.27E-05	3.00E-02	5.47E-03	2.24E-02	7.00E-15	0.00E+00	3.15E-01	3.02E-07	2.90E-05	1.83E-04	0.00E+00	5.77E-04	2.41E-09	7.03E-11	3.34E-03	5.95E-05	1.95E-03	1.63E-04	4.23E-05	9.03E-03	2.10E-01	0.00E+00	2.84E-10	3.70E-10	4.28E-05	1.12E-06	2.82E-02	0.00E+00	2.10E-01	5.59E-10	2.10E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.70E-03
47397015	6.41E-05	3.07E-02	5.59E-03	2.29E-02	5.00E-15	0.00E+00	3.21E-01	3.09E-07	2.96E-05	1.87E-04	0.00E+00	5.90E-04	2.46E-09	7.19E-11	3.41E-03	6.08E-05	1.99E-03	1.65E-04	4.32E-05	9.23E-03	2.15E-01	0.00E+00	2.91E-10	3.78E-10	4.37E-05	1.15E-06	2.88E-02	0.00E+00	2.15E-01	5.72E-10	2.15E-01	2.44E-01	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
47397114	6.41E-05	3.07E-02	5.59E-03	2.29E-02	5.00E-15	0.00E+00	3.21E-01	3.09E-07	2.96E-05	1.87E-04	0.00E+00	5.90E-04	2.46E-09	7.19E-11	3.41E-03	6.08E-05	1.99E-03	1.65E-04	4.32E-05	9.23E-03	2.15E-01	0.00E+00	2.91E-10	3.78E-10	4.37E-05	1.15E-06	2.88E-02	0.00E+00	2.15E-01	5.72E-10	2.15E-01	2.44E-01	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
47397115	5.69E-05	2.71E-02	4.93E-03	2.03E-02	1.20E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.77E-03	1.52E-04	3.81E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47403512	7.71E-05	3.42E-02	6.44E-03	2.78E-02	0.00E+00	0.00E+00	4.00E-01	3.80E-07	3.68E-05	2.29E-04	0.00E+00	6.76E-04	3.06E-09	8.94E-11	4.13E-03	7.40E-05	2.28E-03	0.00E+00	4.82E-05	1.14E-02	2.63E-01	0.00E+00	3.56E-10	4.61E-10	5.35E-05	1.36E-06	3.51E-02	0.00E+00	2.63E-01	6.46E-10	2.63E-01	2.98E-01	3.51E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
47403515	4.51E-05	2.00E-02	3.76E-03	1.62E-02	0.00E+00	0.00E+00	2.34E-01	2.22E-07	2.15E-05	1.34E-04	0.00E+00	3.95E-04	1.79E-09	5.22E-11	2.41E-03	4.32E-05	1.33E-03	0.00E+00	2.81E-05	6.65E-03	1.54E-01	0.00E+00	2.08E-10	2.69E-10	3.13E-05	7.97E-07	2.05E-02	0.00E+00	1.54E-01	3.77E-10	1.54E-01	1.74E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
47403521	7.35E-05	5.42E-02	3.09E-02	2.40E-02	1.55E-10	0.00E+00	3.41E-01	3.31E-07	3.13E-05	2.19E-04	0.00E+00	1.26E-03	2.63E-09	7.49E-11	3.55E-03	7.66E-05	2.06E-03	1.53E-02	1.41E-04	7.88E-03	2.42E-01	0.00E+00	3.39E-10	4.33E-10	5.03E-05	1.45E-06	3.25E-02	0.00E+00	2.42E-01	1.18E-09	2.42E-01	2.75E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
47403523	7.35E-05	5.42E-02	3.09E-02	2.40E-02	1.55E-10	0.00E+00	3.41E-01	3.31E-07	3.13E-05	2.19E-04	0.00E+00	1.26E-03	2.63E-09	7.49E-11	3.55E-03	7.66E-05	2.06E-03	1.53E-02	1.41E-04	7.88E-03	2.42E-01	0.00E+00	3.39E-10	4.33E-10	5.03E-05	1.45E-06	3.25E-02	0.00E+00	2.42E-01	1.18E-09	2.42E-01	2.75E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
47403524	6.78E-05	4.98E-02	2.82E-02	2.22E-02	1.42E-10	0.00E+00	3.16E-01	3.06E-07	2.90E-05	2.02E-04	0.00E+00	1.15E-03	2.44E-09	6.94E-11	3.29E-03	7.06E-05	1.91E-03	1.39E-02	1.29E-04	7.35E-03	2.24E-01	0.00E+00	3.13E-10	3.99E-10	4.64E-05	1.33E-06	3.01E-02	0.00E+00	2.24E-01	1.08E-09	2.24E-01	2.54E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
47403527	6.31E-05	4.60E-02	2.59E-02	2.07E-02	1.30E-10	0.00E+00	2.94E-01	2.85E-07	2.70E-05	1.88E-04	0.00E+00	1.07E-03	2.27E-09	6.48E-11	3.07E-03	6.55E-05	1.78E-03	1.28E-02	1.19E-04	6.91E-03	2.08E-01	0.00E+00	2.91E-10	3.71E-10	4.31E-05	1.24E-06	2.80E-02	0.00E+00	2.08E-01	1.00E-09	2.08E-01	2.36E-01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-03
47403533	7.40E-05	5.46E-02	3.11E-02	2.42E-02	1.57E-10	0.00E+00	3.43E-01	3.33E-07	3.15E-05	2.20E-04	0.00E+00	1.27E-03	2.65E-09	7.54E-11	3.57E-03	7.71E-05	2.07E-03	1.54E-02	1.42E-04	7.93E-03	2.44E-01	0.00E+00	3.41E-10	4.35E-10	5.06E-05	1.46E-06	3.28E-02	0.00E+00	2.44E-01	1.18E-09	2.44E-01	2.77E-01	3.28E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
47413512	9.07E-05	6.77E-02	3.90E-02	2.95E-02	1.96E-10	0.00E+00	4.18E-01	4.05E-07	3.83E-05	2.70E-04	0.00E+00	1.57E-03	3.23E-09	9.16E-11	4.33E-03	9.48E-05	2.52E-03	1.94E-02	1.77E-04	9.49E-03	2.98E-01	0.00E+00	4.19E-10	5.33E-10	6.20E-05	1.81E-06	4.01E-02	0.00E+00	2.98E-01	1.47E-09	2.98E-01	3.38E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	2.47E-03
47413515	8.03E-05	3.56E-02	6.71E-03	2.89E-02	0.00E+00	0.00E+00	4.17E-01	3.96E-07	3.83E-05	2.38E-04	0.00E+00	7.04E-04	3.19E-09	9.31E-11	4.30E-03	7.71E-05	2.38E-03	0.00E+00	5.02E-05	1.18E-02	2.74E-01	0.00E+00	3.70E-10	4.80E-10	5.57E-05	1.42E-06	3.66E-02	0.00E+00	2.74E-01	6.72E-10	2.74E-01	3.11E-01	3.66E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-03
47413522	8.78E-05	6.55E-02	3.77E-02	2.86E-02	1.89E-10	0.00E+00	4.05E-01	3.93E-07	3.72E-05	2.62E-04	0.00E+00	1.52E-03	3.13E-09	8.88E-11	4.20E-03	9.17E-05	2.45E-03	1.87E-02	1.71E-04	9.22E-03	2.89E-01	0.00E+00	4.05E-10	5.16E-10	6.00E-05	1.75E-06	3.88E-02	0.00E+00	2.89E-01	1.42E-09	2.89E-01	3.28E-01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
47413525	1.04E-04	7.85E-02	4.55E-02	3.39E-02	2.29E-10	0.00E+00	4.79E-01	4.65E-07	4.40E-05	3.12E-04	0.00E+00	1.82E-03	3.70E-09	1.05E-10	4.96E-03	1.09E-04	2.89E-03	2.27E-02	2.06E-04	1.08E-02	3.43E-01	0.00E+00	4.82E-10	6.14E-10	7.14E-05	2.09E-06	4.61E-02	0.00E+00	3.43E-01	1.70E-09	3.43E-01	3.89E-01	4.61E-02	0.00E+00	0.00E+00	0.00E+00	2.85E-03
47428982	6.15E-05	2.92E-02	5.31E-03	2.20E-02	1.90E-14	0.00E+00	3.08E-01	2.96E-07	2.84E-05	1.80E-04	0.00E+00	5.61E-04	2.35E-09	6.88E-11	3.27E-03	5.83E-05	1.91E-03	1.68E-04	4.11E-05	8.84E-03	2.06E-01	0.00E+00	2.79E-10	3.62E-10	4.19E-05	1.10E-06	2.76E-02	0.00E+00	2.06E-01	5.43E-10	2.06E-01	2.34E-01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
47428989	5.33E-05	2.37E-02	4.46E-03	1.92E-02	0.00E+00	0.00E+00	2.77E-01	2.63E-07	2.55E-05	1.58E-04	0.00E+00	4.68E-04	2.12E-09	6.18E-11	2.86E-03	5.12E-05	1.58E-03	0.00E+00	3.33E-05	7.87E-03	1.82E-01	0.00E+00	2.46E-10	3.19E-10	3.70E-05	9.44E-07	2.43E-02	0.00E+00	1.82E-01	4.46E-10	1.82E-01	2.06E-01	2.43E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
47429909	6.05E-05	2.57E-02	4.53E-03	2.12E-02	0.00E+00	0.00E+00	2.83E-01	2.77E-07	2.62E-05	1.65E-04	0.00E+00	4.79E-04	2.15E-09	6.37E-11	3.18E-03	5.21E-05	2.02E-03	4.63E-04	3.72E-05	8.83E-03	1.91E-01	0.00E+00	2.54E-10	3.35E-10	3.84E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	4.78E-10	1.91E-01	2.16E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03
47429939	6.12E-05	2.92E-02	5.31E-03	2.19E-02	1.20E-14	0.00E+00	3.07E-01	2.95E-07	2.83E-05	1.79E-04	0.00E+00	5.60E-04	2.34E-09	6.85E-11	3.26E-03	5.80E-05	1.90E-03	1.63E-04	4.10E-05	8.80E-03	2.05E-01	0.00E+00	2.77E-10	3.60E-10	4.17E-05	1.09E-06	2.74E-02	0.00E+00	2.05E-01	5.43E-10	2.05E-01	2.33E-01	2.74E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
47429949	7.26E-05	3.07E-02	5.46E-03	2.52E-02	0.00E+00	0.00E+00	3.41E-01	3.32E-07	3.15E-05	1.98E-04	0.00E+00	5.77E-04	2.60E-09	7.66E-11	3.78E-03	6.28E-05	2.35E-03	4.63E-04	4.42E-05	1.05E-02	2.29E-01	0.00E+00	3.06E-10	4.02E-10	4.62E-05	1.21E-06	3.07E-02	0.00E+00	2.29E-01	5.71E-10	2.29E-01	2.60E-01	3.07E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
47431404	8.30E-05	3.41E-02	6.41E-03	2.76E-02	0.00E+00	0.00E+00	3.98E-01	3.78E-07	3.66E-05	2.28E-04	0.00E+00	6.73E-04	3.05E-09	8.90E-11	4.11E-03	7.37E-05	2.27E-03	0.00E+00	4.79E-05	1.13E-02	2.62E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.36E-06	3.49E-02	0.00E+00	2.62E-01	6.43E-10	2.62E-01	2.97E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
47431606	6.69E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
47431903	5.67E-05	2.71E-02	4.93E-03	2.03E-02	1.00E-14	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.36E-11	3.02E-03	5.38E-05	1.76E-03	1.50E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.87E-05	1.01E-06	2.55E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47431907	5.67E-05	2.71E-02	4.93E-03	2.03E-02	1.00E-14	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.36E-11	3.02E-03	5.38E-05	1.76E-03	1.50E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.87E-05	1.01E-06	2.55E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47431909	6.69E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
47431912	5.67E-05	2.71E-02	4.93E-03	2.03E-02	9.00E-15	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.35E-11	3.02E-03	5.38E-05	1.76E-03	1.49E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47431913	6.64E-05	3.19E-02	5.82E-03	2.37E-02	0.00E+00	0.00E+00	3.33E-01	3.20E-07	3.07E-05	1.94E-04	0.00E+00	6.14E-04	2.55E-09	7.45E-11	3.54E-03	6.30E-05	2.06E-03	1.67E-04	4.50E-05	9.57E-03	2.23E-01	0.00E+00	3.01E-10	3.91E-10	4.53E-05	1.19E-06	2.98E-02	0.00E+00	2.23E-01	5.94E-10	2.23E-01	2.53E-01	2.98E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
47431914	5.67E-05	2.71E-02	4.93E-03	2.03E-02	9.00E-15	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.35E-11	3.02E-03	5.38E-05	1.76E-03	1.49E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47431922	5.67E-05	2.71E-02	4.93E-03	2.03E-02	9.00E-15	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.35E-11	3.02E-03	5.38E-05	1.76E-03	1.49E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47432003	5.67E-05	2.71E-02	4.93E-03	2.03E-02	9.00E-15	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.35E-11	3.02E-03	5.38E-05	1.76E-03	1.49E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47432007	5.67E-05	2.71E-02	4.93E-03	2.03E-02	9.00E-15	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.35E-11	3.02E-03	5.38E-05	1.76E-03	1.49E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47432017	6.67E-05	3.21E-02	5.84E-03	2.38E-02	1.00E-15	0.00E+00	3.34E-01	3.21E-07	3.08E-05	1.95E-04	0.00E+00	6.17E-04	2.56E-09	7.48E-11	3.55E-03	6.32E-05	2.07E-03	1.68E-04	4.51E-05	9.60E-03	2.24E-01	0.00E+00	3.02E-10	3.93E-10	4.55E-05	1.19E-06	2.99E-02	0.00E+00	2.24E-01	5.97E-10	2.24E-01	2.54E-01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
47432022	6.69E-05	3.22E-02	5.87E-03	2.39E-02	1.00E-15	0.00E+00	3.36E-01	3.23E-07	3.10E-05	1.96E-04	0.00E+00	6.19E-04	2.57E-09	7.51E-11	3.57E-03	6.35E-05	2.08E-03	1.68E-04	4.53E-05	9.64E-03	2.25E-01	0.00E+00	3.03E-10	3.95E-10	4.56E-05	1.20E-06	3.00E-02	0.00E+00	2.25E-01	5.99E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
47432045	7.67E-05	3.40E-02	6.40E-03	2.76E-02	0.00E+00	0.00E+00	3.98E-01	3.78E-07	3.66E-05	2.28E-04	0.00E+00	6.72E-04	3.04E-09	8.89E-11	4.11E-03	7.36E-05	2.27E-03	0.00E+00	4.79E-05	1.13E-02	2.62E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.36E-06	3.49E-02	0.00E+00	2.62E-01	6.42E-10	2.62E-01	2.97E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
47432089	6.19E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03

47436003	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47436007	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47436009	6.56E-05	3.14E-02	5.72E-03	2.34E-02	6.00E-15	0.00E+00	3.29E-01	3.16E-07	3.03E-05	1.92E-04	0.00E+00	6.04E-04	2.51E-09	7.35E-11	3.49E-03	6.22E-05	2.04E-03	1.70E-04	4.42E-05	9.44E-03	2.20E-01	0.00E+00	2.97E-10	3.86E-10	4.47E-05	1.17E-06	2.94E-02	0.00E+00	2.20E-01	5.84E-10	2.20E-01	2.49E-01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
47436012	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47436013	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47436014	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.41E-05	1.77E-03	1.54E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47436022	6.36E-05	3.04E-02	5.53E-03	2.27E-02	9.00E-15	0.00E+00	3.19E-01	3.06E-07	2.94E-05	1.86E-04	0.00E+00	5.84E-04	2.44E-09	7.13E-11	3.39E-03	6.03E-05	1.97E-03	1.67E-04	4.28E-05	9.15E-03	2.13E-01	0.00E+00	2.88E-10	3.75E-10	4.33E-05	1.14E-06	2.85E-02	0.00E+00	2.13E-01	5.66E-10	2.13E-01	2.42E-01	2.85E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03
47436039	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47436049	7.15E-05	3.44E-02	6.27E-03	2.56E-02	0.00E+00	0.00E+00	3.59E-01	3.45E-07	3.31E-05	2.09E-04	0.00E+00	6.61E-04	2.74E-09	8.02E-11	3.81E-03	6.78E-05	2.22E-03	1.80E-04	4.84E-05	1.03E-02	2.40E-01	0.00E+00	3.24E-10	4.22E-10	4.88E-05	1.28E-06	3.21E-02	0.00E+00	2.40E-01	6.40E-10	2.40E-01	2.72E-01	3.21E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03
47436069	6.67E-05	3.19E-02	5.82E-03	2.38E-02	5.00E-15	0.00E+00	3.34E-01	3.21E-07	3.08E-05	1.95E-04	0.00E+00	6.14E-04	2.56E-09	7.48E-11	3.55E-03	6.32E-05	2.07E-03	1.72E-04	4.50E-05	9.60E-03	2.24E-01	0.00E+00	3.02E-10	3.93E-10	4.54E-05	1.19E-06	2.99E-02	0.00E+00	2.24E-01	5.95E-10	2.24E-01	2.54E-01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
47436079	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47436084	6.69E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
47436086	6.19E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
47436089	6.19E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
47438903	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47438907	5.67E-05	2.71E-02	4.93E-03	2.03E-02	9.00E-15	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.35E-11	3.02E-03	5.38E-05	1.76E-03	1.49E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47438912	7.67E-05	3.40E-02	6.41E-03	2.76E-02	0.00E+00	0.00E+00	3.98E-01	3.78E-07	3.66E-05	2.28E-04	0.00E+00	6.73E-04	3.04E-09	8.90E-11	4.11E-03	7.36E-05	2.27E-03	0.00E+00	4.79E-05	1.13E-02	2.62E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.36E-06	3.49E-02	0.00E+00	2.62E-01	6.42E-10	2.62E-01	2.97E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
47438913	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47438914	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47438922	6.19E-05	2.75E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.96E-05	1.84E-04	0.00E+00	5.43E-04	2.46E-09	7.18E-11	3.32E-03	5.94E-05	1.83E-03	0.00E+00	3.87E-05	9.13E-03	2.11E-01	0.00E+00	2.86E-10	3.70E-10	4.30E-05	1.10E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.40E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
47438982	7.41E-05	3.29E-02	6.19E-03	2.67E-02	0.00E+00	0.00E+00	3.84E-01	3.65E-07	3.54E-05	2.20E-04	0.00E+00	6.50E-04	2.94E-09	8.59E-11	3.97E-03	7.11E-05	2.19E-03	0.00E+00	4.63E-05	1.09E-02	2.53E-01	0.00E+00	3.42E-10	4.43E-10	5.14E-05	1.31E-06	3.37E-02	0.00E+00	2.53E-01	6.20E-10	2.53E-01	2.87E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
47438989	6.42E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.71E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.97E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
47441404	5.69E-05	2.71E-02	4.93E-03	2.04E-02	1.40E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.53E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47441606	8.27E-05	3.51E-02	6.19E-03	2.90E-02	0.00E+00	0.00E+00	3.86E-01	3.78E-07	3.58E-05	2.25E-04	0.00E+00	6.55E-04	2.94E-09	8.70E-11	4.34E-03	7.11E-05	2.76E-03	6.33E-04	5.08E-05	1.21E-02	2.61E-01	0.00E+00	3.47E-10	4.58E-10	5.25E-05	1.39E-06	3.50E-02	0.00E+00	2.61E-01	6.53E-10	2.61E-01	2.96E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
47441909	5.69E-05	2.71E-02	4.93E-03	2.03E-02	1.20E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.77E-03	1.52E-04	3.81E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47441949	5.69E-05	2.71E-02	4.93E-03	2.03E-02	1.30E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.40E-05	1.77E-03	1.52E-04	3.81E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47442045	1.49E-04	6.21E-02	1.13E-02	5.08E-02	0.00E+00	0.00E+00	7.06E-01	6.80E-07	6.51E-05	4.07E-04	0.00E+00	1.19E-03	5.39E-09	1.58E-10	7.58E-03	1.30E-04	4.50E-03	5.33E-04	8.86E-05	2.10E-02	4.70E-01	0.00E+00	6.31E-10	8.24E-10	9.51E-05	2.47E-06	6.28E-02	0.00E+00	4.70E-01	1.16E-09	4.70E-01	5.33E-01	6.28E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
47442079	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.70E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.56E-04	3.81E-05	8.21E-03	1.91E-01	0.00E+00	2.59E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47442089	8.26E-05	3.51E-02	6.19E-03	2.89E-02	0.00E+00	0.00E+00	3.86E-01	3.78E-07	3.57E-05	2.25E-04	0.00E+00	6.54E-04	2.94E-09	8.69E-11	4.34E-03	7.11E-05	2.76E-03	6.33E-04	5.08E-05	1.21E-02	2.61E-01	0.00E+00	3.47E-10	4.58E-10	5.25E-05	1.39E-06	3.49E-02	0.00E+00	2.61E-01	6.52E-10	2.61E-01	2.95E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
47446084	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47446086	6.50E-05	3.11E-02	5.67E-03	2.33E-02	7.00E-15	0.00E+00	3.26E-01	3.13E-07	3.01E-05	1.90E-04	0.00E+00	5.98E-04	2.49E-09	7.29E-11	3.46E-03	6.17E-05	2.02E-03	1.69E-04	4.38E-05	9.36E-03	2.18E-01	0.00E+00	2.95E-10	3.83E-10	4.43E-05	1.16E-06	2.92E-02	0.00E+00	2.18E-01	5.79E-10	2.18E-01	2.47E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
47446089	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47448982	5.69E-05	2.71E-02	4.93E-03	2.03E-02	1.30E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.40E-05	1.77E-03	1.52E-04	3.81E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47448989	6.15E-05	2.86E-02	4.96E-03	2.36E-02	0.00E+00	0.00E+00	3.10E-01	3.05E-07	2.87E-05	1.81E-04	0.00E+00	5.25E-04	2.35E-09	6.98E-11	3.55E-03	5.69E-05	2.33E-03	6.33E-04	4.16E-05	9.88E-03	2.10E-01	0.00E+00	2.79E-10	3.70E-10	4.22E-05	1.13E-06	2.82E-02	0.00E+00	2.10E-01	5.29E-10	2.10E-01	2.38E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
474520	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
47452045	7.67E-05	3.40E-02	6.40E-03	2.76E-02	0.00E+00	0.00E+00	3.98E-01	3.78E-07	3.66E-05	2.28E-04	0.00E+00	6.72E-04	3.04E-09	8.89E-11	4.11E-03	7.36E-05	2.27E-03	0.00E+00	4.79E-05	1.13E-02	2.62E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.36E-06	3.49E-02	0.00E+00	2.62E-01	6.42E-10	2.62E-01	2.97E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
474521	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
47461404	5.69E-05	2.71E-02	4.93E-03	2.04E-02	1.40E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.53E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47461606	5.69E-05	2.71E-02	4.93E-03	2.03E-02	1.30E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.40E-05	1.77E-03	1.52E-04	3.81E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47461909	6.36E-05	3.04E-02	5.55E-03	2.28E-02	7.00E-15	0.00E+00	3.19E-01	3.07E-07	2.94E-05	1.86E-04	0.00E+00	5.85E-04	2.44E-09	7.13E-11	3.39E-03	6.04E-05	1.98E-03	1.66E-04	4.29E-05	9.16E-03	2.13E-01	0.00E+00	2.88E-10	3.75E-10	4.34E-05	1.14E-06	2.86E-02	0.00E+00	2.13E-01	5.67E-10	2.13E-01	2.42E-01	2.86E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03
47466084	5.75E-05	2.73E-02	4.97E-03	2.06E-02	1.70E-14	0.00E+00	2.88E-01	2.77E-07	2.66E-05	1.68E-04	0.00E+00	5.25E-04	2.20E-09	6.44E-11	3.06E-03	5.46E-05	1.79E-03	1.57E-04	3.85E-05	8.27E-03	1.93E-01	0.00E+00	2.61E-10	3.39E-10	3.92E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.09E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
47466086	5.62E-05	2.66E-02	4.85E-03	2.01E-02	1.80E-14	0.00E+00	2.81E-01	2.71E-07	2.59E-05	1.64E-04	0.00E+00	5.12E-04	2.15E-09	6.29E-11	2.99E-03	5.33E-05	1.75E-03	1.54E-04	3.75E-05	8.08E-03	1.88E-01	0.00E+00	2.55E-10	3.31E-10	3.83E-05	1.01E-06	2.52E-02	0.00E+00	1.88E-01	4.96E-10	1.88E-01	2.14E-01	2.52E-02	0.00E+00	0.00E+00	0.00E+00	1.52E-03
47466089	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.70E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.56E-04	3.81E-05	8.21E-03	1.91E-01	0.00E+00	2.59E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47468982	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.55E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47468989	6.70E-05	3.21E-02	5.84E-03	2.40E-02	7.00E-15	0.00E+00	3.36E-01	3.23E-07	3.10E-05	1.96E-04	0.00E+00	6.17E-04	2.57E-09	7.51E-11	3.57E-03	6.36E-05	2.08E-03	1.74E-04	4.52E-05	9.65E-03	2.25E-01	0.00E+00	3.04E-10	3.95E-10	4.57E-05	1.20E-06	3.01E-02	0.00E+00	2.25E-01	5.97E-10	2.25E-01	2.55E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
47477103	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.20E-14	0.00E+00	2.87E-01	2.76E-07	2.64E-05	1.68E-04	0.00E+00	5.21E-04	2.19E-09	6.41E-11	3.05E-03	5.44E-05	1.78E-03	1.60E-04	3.81E-05	8.23E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.90E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47477104	5.77E-05	2.71E-02	4.93E-03	2.06E-02	3.10E-14	0.00E+00	2.89E-01	2.78E-07	2.66E-05	1.69E-04	0.00E+00	5.21E-04	2.21E-09	6.45E-11	3.07E-03	5.47E-05	1.79E-03	1.66E-04	3.82E-05	8.28E-03	1.93E-01	0.00E+00	2.61E-10	3.40E-10	3.93E-05	1.03E-06	2.59E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
47477106	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.55E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47477109	7.11E-05	3.41E-02	6.22E-03	2.54E-02	2.00E-15	0.00E+00	3.56E-01	3.43E-07	3.29E-05	2.08E-04	0.00E+00	6.56E-04	2.72E-09	7.97E-11	3.78E-03	6.74E-05	2.20E-03	1.81E-04	4.80E-05	1.02E-02	2.38E-01	0.00E+00	3.22E-10	4.19E-10	4.84E-05	1.27E-06	3.19E-02	0.00E+00	2.38E-01	6.35E-10	2.38E-01	2.70E-01	3.19E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
47487103	2.28E-05	9.68E-03	1.74E-03	8.15E-03	6.50E-14	0.00E+00	1.13E-01	1.09E-07	1.04E-05	6.66E-05	0.00E+00	1.85E-04	8.61E-10	2.52E-11	1.21E-03	2.17E-05	7.19E-04	1.01E-04	1.36E-05	3.23E-03	7.62E-02	0.00E+00	1.03E-10	1.34E-10	1.55E-05	4.14E-07	1.02E-02	0.00E+00	7.62E-02	1.80E-10	7.62E-02	8.64E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	6.24E-04
47487104	5.77E-05	2.71E-02	4.93E-03	2.06E-02	3.10E-14	0.00E+00	2.89E-01	2.78E-07	2.66E-05	1.69E-04	0.00E+00	5.21E-04	2.21E-09	6.45E-11	3.07E-03	5.47E-05	1.79E-03	1.66E-04	3.82E-05	8.28E-03	1.93E-01	0.00E+00	2.61E-10	3.40E-10	3.93E-05	1.03E-06	2.59E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
47487106	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.55E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47487109	6.44E-05	3.07E-02	5.59E-03	2.30E-02	1.10E-14	0.00E+00	3.23E-01	3.10E-07	2.97E-05	1.88E-04	0.00E+00	5.91E-04	2.47E-09	7.21E-11	3.43E-03	6.10E-05	2.00E-03	1.70E-04	4.32E-05	9.26E-03	2.16E-01	0.00E+00	2.92E-10	3.79E-10	4.39E-05	1.15E-06	2.89E-02	0.00E+00	2.16E-01	5.72E-10	2.16E-01	2.45E-01	2.89E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
47491404	5.69E-05	2.71E-02	4.93E-03	2.03E-02	1.20E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.77E-03	1.52E-04	3.81E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47491606	5.68E-05	2.71E-02	4.93E-03	2.03E-02	1.20E-14	0.00E+00	2.85E-01	2.74E-07	2.62E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.76E-03	1.51E-04	3.81E-05	8.17E-03	1.91E-01	0.00E+00	2.57E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47491909	5.68E-05	2.71E-02	4.93E-03	2.03E-02	1.20E-14	0.00E+00	2.85E-01	2.74E-07	2.62E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.76E-03	1.51E-04	3.81E-05	8.17E-03	1.91E-01	0.00E+00	2.57E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47496084	7.55E-05	3.63E-02	6.62E-03	2.70E-02	2.00E-15	0.00E+00	3.79E-01	3.64E-07	3.49E-05	2.21E-04	0.00E+00	6.98E-04	2.89E-09	8.47E-11	4.02E-03	7.16E-05	2.34E-03	1.89E-04	5.11E-05	1.09E-02	2.53E-01	0.00E+00	3.42E-10	4.45E-10	5.14E-05	1.35E-06	3.39E-02	0.00E+00	2.53E-01	6.76E-10	2.53E-01	2.87E-01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
47496086	7.28E-05	3.50E-02	6.38E-03	2.60E-02	0.00E+00	0.00E+00	3.65E-01	3.51E-07	3.37E-05	2.13E-04	0.00E+00	6.73E-04	2.79E-09	8.17E-11	3.88E-03	6.91E-05	2.26E-03	1.84E-04	4.93E-05	1.05E-02	2.44E-01	0.00E+00	3.30E-10	4.29E-10	4.96E-05	1.30E-06	3.27E-02	0.00E+00	2.44E-01	6.52E-10	2.44E-01	2.77E-01	3.27E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
47496089	6.19E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
47498982	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.55E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47498989	7.67E-05	3.41E-02	6.43E-03	2.76E-02	0.00E+00	0.00E+00	3.98E-01	3.78E-07	3.66E-05	2.28E-04	0.00E+00	6.69E-04	3.04E-09	8.90E-11	4.11E-03	7.36E-05	2.27E-03	0.00E+00	4.81E-05	1.14E-02	2.62E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.36E-06	3.49E-02	0.00E+00	2.62E-01	2.46E-10	2.62E-01	2.97E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
47501404	5.68E-05	2.71E-02	4.93E-03	2.03E-02	1.10E-14	0.00E+00	2.85E-01	2.74E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.18E-09	6.36E-11	3.02E-03	5.38E-05	1.76E-03	1.50E-04	3.81E-05	8.17E-03	1.90E-01	0.00E+00	2.57E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47501606	5.67E-05	2.71E-02	4.93E-03	2.03E-02	1.00E-14	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.36E-11	3.02E-03	5.38E-05	1.76E-03	1.50E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.87E-05	1.01E-06	2.55E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47501902	6.53E-05	3.14E-02	5.72E-03	2.34E-02	1.00E-15	0.00E+00	3.28E-01	3.15E-07	3.02E-05	1.91E-04	0.00E+00	6.04E-04	2.51E-09	7.33E-11	3.48E-03	6.20E-05	2.03E-03	1.66E-04	4.42E-05	9.41E-03	2.19E-01	0.00E+00	2.96E-10	3.85E-10	4.45E-05	1.17E-06	2.93E-02	0.00E+00	2.19E-01	5.84E-10	2.19E-01	2.49E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
47501903	5.67E-05	2.71E-02	4.93E-03	2.03E-02	1.00E-14	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.36E-11	3.02E-03	5.38E-05	1.76E-03	1.50E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.87E-05	1.01E-06	2.55E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47501907	6.80E-05	3.27E-02	5.97E-03	2.43E-02	2.00E-15	0.00E+00	3.41E-01	3.28E-07	3.15E-05	1.99E-04	0.00E+00	6.30E-04	2.61E-09	7.63E-11	3.62E-03	6.45E-05	2.11E-03	1.70E-04	4.61E-05	9.80E-03	2.28E-01	0.00E+00	3.08E-10	4.01E-10	4.64E-05	1.21E-06	3.05E-02	0.00E+00	2.28E-01	6.10E-10	2.28E-01	2.59E-01	3.05E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
47501909	5.67E-05	2.71E-02	4.93E-03	2.03E-02	1.00E-14	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.36E-11	3.02E-03	5.38E-05	1.76E-03	1.50E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.87E-05	1.01E-06	2.55E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47501913	6.21E-05	2.98E-02	5.42E-03	2.22E-02	5.00E-15	0.00E+00	3.12E-01	2.99E-07	2.87E-05	1.82E-04	0.00E+00	5.72E-04	2.38E-09	6.97E-11	3.31E-03	5.89E-05	1.93E-03	1.60E-04	4.19E-05	8.94E-03	2.08E-01	0.00E+00	2.82E-10	3.66E-10	4.23E-05	1.11E-06	2.79E-02	0.00E+00	2.08E-01	5.54E-10	2.08E-01	2.36E-01	2.79E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03
47501914	5.58E-05	2.66E-02	4.85E-03	1.99E-02	9.00E-15	0.00E+00	2.79E-01	2.69E-07	2.58E-05	1.63E-04	0.00E+00	5.12E-04	2.14E-09	6.25E-11	2.97E-03	5.29E-05	1.73E-03	1.47E-04	3.75E-05	8.02E-03	1.87E-01	0.00E+00	2.53E-10	3.29E-10	3.80E-05	9.97E-07	2.50E-02	0.00E+00	1.87E-01	4.96E-10	1.87E-01	2.12E-01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03
47501915	5.67E-05	2.71E-02	4.93E-03	2.03E-02	1.00E-14	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.36E-11	3.02E-03	5.38E-05	1.76E-03	1.50E-04	3.81E-05	8.16E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.87E-05	1.01E-06	2.55E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47501924	5.67E-05	2.71E-02	4.93E-03	2.03E-02	8.00E-15	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.35E-11	3.02E-03	5.37E-05	1.76E-03	1.48E-04	3.81E-05	8.15E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.15E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
47506002	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.55E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47506003	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.55E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47506007	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.41E-05	1.77E-03	1.54E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47506013	6.15E-05	2.94E-02	5.35E-03	2.20E-02	1.10E-14	0.00E+00	3.08E-01	2.97E-07	2.84E-05	1.80E-04	0.00E+00	5.64E-04	2.36E-09	6.90E-11	3.28E-03	5.84E-05	1.91E-03	1.63E-04	4.13E-05	8.85E-03	2.06E-01	0.00E+00	2.79E-10	3.63E-10	4.19E-05	1.10E-06	2.76E-02	0.00E+00	2.06E-01	5.47E-10	2.06E-01	2.34E-01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
47506014	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.55E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47506015	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.55E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47506084	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.41E-05	1.77E-03	1.54E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47506086	6.97E-05	3.34E-02	6.09E-03	2.49E-02	3.00E-15	0.00E+00	3.50E-01	3.36E-07	3.22E-05	2.04E-04	0.00E+00	6.43E-04	2.67E-09	7.82E-11	3.71E-03	6.61E-05	2.16E-03	1.78E-04	4.71E-05	1.00E-02	2.34E-01	0.00E+00	3.16E-10	4.11E-10	4.75E-05	1.25E-06	3.13E-02	0.00E+00	2.34E-01	6.22E-10	2.34E-01	2.65E-01	3.13E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
47506089	6.10E-05	2.70E-02	5.09E-03	2.19E-02	0.00E+00	0.00E+00	3.16E-01	3.01E-07	2.91E-05	1.81E-04	0.00E+00	5.35E-04	2.42E-09	7.07E-11	3.27E-03	5.85E-05	1.80E-03	0.00E+00	3.81E-05	8.99E-03	2.08E-01	0.00E+00	2.81E-10	3.64E-10	4.23E-05	1.08E-06	2.78E-02	0.00E+00	2.08E-01	5.10E-10	2.08E-01	2.36E-01	2.78E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
47508902	7.35E-05	3.53E-02	6.44E-03	2.63E-02	1.00E-15	0.00E+00	3.69E-01	3.54E-07	3.40E-05	2.15E-04	0.00E+00	6.80E-04	2.82E-09	8.24E-11	3.91E-03	6.97E-05	2.28E-03	1.85E-04	4.98E-05	1.06E-02	2.46E-01	0.00E+00	3.33E-10	4.33E-10	5.01E-05	1.31E-06	3.30E-02	0.00E+00	2.46E-01	6.58E-10	2.46E-01	2.79E-01	3.30E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
47508903	6.69E-05	3.21E-02	5.84E-03	2.39E-02	5.00E-15	0.00E+00	3.36E-01	3.23E-07	3.09E-05	1.96E-04	0.00E+00	6.17E-04	2.57E-09	7.51E-11	3.56E-03	6.35E-05	2.08E-03	1.72E-04	4.52E-05	9.64E-03	2.25E-01	0.00E+00	3.03E-10	3.95E-10	4.56E-05	1.20E-06	3.00E-02	0.00E+00	2.25E-01	5.97E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
47508907	5.66E-05	2.71E-02	4.93E-03	2.02E-02	7.00E-15	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.35E-11	3.02E-03	5.37E-05	1.76E-03	1.48E-04	3.81E-05	8.15E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.15E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
47508913	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47508914	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.41E-05	1.77E-03	1.54E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03

47508915	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.41E-05	1.77E-03	1.54E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47508924	6.39E-05	3.06E-02	5.57E-03	2.29E-02	9.00E-15	0.00E+00	3.20E-01	3.08E-07	2.95E-05	1.87E-04	0.00E+00	5.87E-04	2.45E-09	7.17E-11	3.40E-03	6.06E-05	1.98E-03	1.67E-04	4.30E-05	9.20E-03	2.14E-01	0.00E+00	2.90E-10	3.77E-10	4.36E-05	1.14E-06	2.87E-02	0.00E+00	2.14E-01	5.69E-10	2.14E-01	2.43E-01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-03
47508982	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.41E-05	1.77E-03	1.54E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47508989	7.58E-05	3.36E-02	6.35E-03	2.73E-02	0.00E+00	0.00E+00	3.93E-01	3.73E-07	3.62E-05	2.25E-04	0.00E+00	6.61E-04	3.01E-09	8.80E-11	4.06E-03	7.27E-05	2.24E-03	0.00E+00	4.75E-05	1.12E-02	2.59E-01	0.00E+00	3.49E-10	4.52E-10	5.26E-05	1.34E-06	3.45E-02	0.00E+00	2.59E-01	2.38E-10	2.59E-01	2.93E-01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
47511909	6.67E-05	2.86E-02	4.96E-03	2.36E-02	0.00E+00	0.00E+00	3.10E-01	3.05E-07	2.87E-05	1.81E-04	0.00E+00	5.25E-04	2.35E-09	6.98E-11	3.55E-03	5.69E-05	2.33E-03	6.33E-04	4.16E-05	9.88E-03	2.10E-01	0.00E+00	2.79E-10	3.70E-10	4.22E-05	1.13E-06	2.82E-02	0.00E+00	2.10E-01	5.29E-10	2.10E-01	2.38E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
47512045	6.21E-05	2.86E-02	5.03E-03	2.36E-02	0.00E+00	0.00E+00	3.14E-01	3.08E-07	2.91E-05	1.83E-04	0.00E+00	5.32E-04	2.39E-09	7.07E-11	3.54E-03	5.78E-05	2.26E-03	5.33E-04	4.14E-05	9.84E-03	2.12E-01	0.00E+00	2.82E-10	3.73E-10	4.27E-05	1.13E-06	2.85E-02	0.00E+00	2.12E-01	5.31E-10	2.12E-01	2.41E-01	2.85E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
47512089	6.15E-05	2.86E-02	4.96E-03	2.36E-02	0.00E+00	0.00E+00	3.10E-01	3.05E-07	2.87E-05	1.81E-04	0.00E+00	5.25E-04	2.35E-09	6.98E-11	3.55E-03	5.69E-05	2.33E-03	6.33E-04	4.16E-05	9.88E-03	2.10E-01	0.00E+00	2.79E-10	3.70E-10	4.22E-05	1.13E-06	2.82E-02	0.00E+00	2.10E-01	5.29E-10	2.10E-01	2.38E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
47516039	6.93E-05	3.32E-02	6.04E-03	2.48E-02	8.00E-15	0.00E+00	3.48E-01	3.34E-07	3.20E-05	2.03E-04	0.00E+00	6.38E-04	2.66E-09	7.77E-11	3.69E-03	6.58E-05	2.15E-03	1.80E-04	4.67E-05	9.98E-03	2.33E-01	0.00E+00	3.14E-10	4.09E-10	4.73E-05	1.24E-06	3.11E-02	0.00E+00	2.33E-01	6.18E-10	2.33E-01	2.64E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	1.88E-03
47516059	6.58E-05	3.14E-02	5.72E-03	2.35E-02	1.20E-14	0.00E+00	3.30E-01	3.17E-07	3.04E-05	1.93E-04	0.00E+00	6.04E-04	2.52E-09	7.38E-11	3.51E-03	6.24E-05	2.04E-03	1.74E-04	4.42E-05	9.47E-03	2.21E-01	0.00E+00	2.98E-10	3.88E-10	4.49E-05	1.18E-06	2.95E-02	0.00E+00	2.21E-01	5.85E-10	2.21E-01	2.50E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
47516064	5.72E-05	2.71E-02	4.93E-03	2.04E-02	2.00E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.58E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47516066	6.16E-05	2.86E-02	4.96E-03	2.37E-02	0.00E+00	0.00E+00	3.10E-01	3.06E-07	2.87E-05	1.81E-04	0.00E+00	5.26E-04	2.36E-09	7.00E-11	3.55E-03	5.70E-05	2.33E-03	6.33E-04	4.16E-05	9.90E-03	2.11E-01	0.00E+00	2.79E-10	3.70E-10	4.23E-05	1.13E-06	2.83E-02	0.00E+00	2.11E-01	5.30E-10	2.11E-01	2.39E-01	2.83E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
47516069	7.63E-05	3.51E-02	6.19E-03	2.90E-02	0.00E+00	0.00E+00	3.86E-01	3.78E-07	3.58E-05	2.25E-04	0.00E+00	6.55E-04	2.94E-09	8.70E-11	4.34E-03	7.11E-05	2.76E-03	6.33E-04	5.08E-05	1.21E-02	2.61E-01	0.00E+00	3.47E-10	4.58E-10	5.25E-05	1.39E-06	3.50E-02	0.00E+00	2.61E-01	6.53E-10	2.61E-01	2.96E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
47516072	5.72E-05	2.71E-02	4.93E-03	2.04E-02	2.00E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.58E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47516074	5.72E-05	2.71E-02	4.93E-03	2.04E-02	2.00E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.58E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47516076	5.66E-05	2.68E-02	4.87E-03	2.02E-02	2.20E-14	0.00E+00	2.83E-01	2.72E-07	2.61E-05	1.65E-04	0.00E+00	5.14E-04	2.17E-09	6.33E-11	3.01E-03	5.37E-05	1.76E-03	1.58E-04	3.77E-05	8.13E-03	1.90E-01	0.00E+00	2.56E-10	3.33E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	4.98E-10	1.90E-01	2.15E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
47516079	5.72E-05	2.71E-02	4.93E-03	2.04E-02	2.00E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.58E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47516084	8.27E-05	3.52E-02	6.19E-03	2.90E-02	0.00E+00	0.00E+00	3.86E-01	3.78E-07	3.58E-05	2.25E-04	0.00E+00	6.55E-04	2.94E-09	8.70E-11	4.34E-03	7.12E-05	2.77E-03	6.33E-04	5.08E-05	1.21E-02	2.61E-01	0.00E+00	3.47E-10	4.58E-10	5.25E-05	1.39E-06	3.50E-02	0.00E+00	2.61E-01	6.53E-10	2.61E-01	2.96E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
47516086	7.64E-05	3.52E-02	6.19E-03	2.90E-02	0.00E+00	0.00E+00	3.86E-01	3.78E-07	3.58E-05	2.25E-04	0.00E+00	6.55E-04	2.94E-09	8.70E-11	4.34E-03	7.12E-05	2.77E-03	6.33E-04	5.08E-05	1.21E-02	2.61E-01	0.00E+00	3.47E-10	4.58E-10	5.25E-05	1.39E-06	3.50E-02	0.00E+00	2.61E-01	6.53E-10	2.61E-01	2.96E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
47516089	8.26E-05	3.51E-02	6.19E-03	2.89E-02	0.00E+00	0.00E+00	3.86E-01	3.78E-07	3.57E-05	2.25E-04	0.00E+00	6.54E-04	2.94E-09	8.69E-11	4.34E-03	7.11E-05	2.76E-03	6.33E-04	5.08E-05	1.21E-02	2.61E-01	0.00E+00	3.47E-10	4.58E-10	5.25E-05	1.39E-06	3.49E-02	0.00E+00	2.61E-01	6.52E-10	2.61E-01	2.95E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
47517103	5.77E-05	2.71E-02	4.93E-03	2.06E-02	3.10E-14	0.00E+00	2.89E-01	2.78E-07	2.66E-05	1.69E-04	0.00E+00	5.21E-04	2.21E-09	6.45E-11	3.07E-03	5.47E-05	1.79E-03	1.66E-04	3.82E-05	8.28E-03	1.93E-01	0.00E+00	2.61E-10	3.40E-10	3.93E-05	1.03E-06	2.59E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
47517104	6.15E-05	2.86E-02	4.96E-03	2.36E-02	0.00E+00	0.00E+00	3.10E-01	3.05E-07	2.87E-05	1.81E-04	0.00E+00	5.25E-04	2.35E-09	6.98E-11	3.55E-03	5.69E-05	2.33E-03	6.33E-04	4.16E-05	9.88E-03	2.10E-01	0.00E+00	2.79E-10	3.70E-10	4.22E-05	1.13E-06	2.82E-02	0.00E+00	2.10E-01	5.29E-10	2.10E-01	2.38E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
47517106	6.15E-05	2.86E-02	4.96E-03	2.36E-02	0.00E+00	0.00E+00	3.10E-01	3.05E-07	2.87E-05	1.81E-04	0.00E+00	5.25E-04	2.35E-09	6.98E-11	3.55E-03	5.69E-05	2.33E-03	6.33E-04	4.16E-05	9.88E-03	2.10E-01	0.00E+00	2.79E-10	3.70E-10	4.22E-05	1.13E-06	2.82E-02	0.00E+00	2.10E-01	5.29E-10	2.10E-01	2.38E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
47517109	6.15E-05	2.86E-02	4.96E-03	2.36E-02	0.00E+00	0.00E+00	3.10E-01	3.05E-07	2.87E-05	1.81E-04	0.00E+00	5.25E-04	2.35E-09	6.98E-11	3.55E-03	5.69E-05	2.33E-03	6.33E-04	4.16E-05	9.88E-03	2.10E-01	0.00E+00	2.79E-10	3.70E-10	4.22E-05	1.13E-06	2.82E-02	0.00E+00	2.10E-01	5.29E-10	2.10E-01	2.38E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
47517203	5.77E-05	2.71E-02	4.93E-03	2.06E-02	3.10E-14	0.00E+00	2.89E-01	2.78E-07	2.66E-05	1.69E-04	0.00E+00	5.21E-04	2.21E-09	6.45E-11	3.07E-03	5.47E-05	1.79E-03	1.66E-04	3.82E-05	8.28E-03	1.93E-01	0.00E+00	2.61E-10	3.40E-10	3.93E-05	1.03E-06	2.59E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
47517204	6.15E-05	2.86E-02	4.96E-03	2.36E-02	0.00E+00	0.00E+00	3.10E-01	3.05E-07	2.87E-05	1.81E-04	0.00E+00	5.25E-04	2.35E-09	6.98E-11	3.55E-03	5.69E-05	2.33E-03	6.33E-04	4.16E-05	9.88E-03	2.10E-01	0.00E+00	2.79E-10	3.70E-10	4.22E-05	1.13E-06	2.82E-02	0.00E+00	2.10E-01	5.29E-10	2.10E-01	2.38E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
47517206	6.15E-05	2.86E-02	4.96E-03	2.36E-02	0.00E+00	0.00E+00	3.10E-01	3.05E-07	2.87E-05	1.81E-04	0.00E+00	5.25E-04	2.35E-09	6.98E-11	3.55E-03	5.69E-05	2.33E-03	6.33E-04	4.16E-05	9.88E-03	2.10E-01	0.00E+00	2.79E-10	3.70E-10	4.22E-05	1.13E-06	2.82E-02	0.00E+00	2.10E-01	5.29E-10	2.10E-01	2.38E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
47517209	6.15E-05	2.86E-02	4.96E-03	2.36E-02	0.00E+00	0.00E+00	3.10E-01	3.05E-07	2.87E-05	1.81E-04	0.00E+00	5.25E-04	2.35E-09	6.98E-11	3.55E-03	5.69E-05	2.33E-03	6.33E-04	4.16E-05	9.88E-03	2.10E-01	0.00E+00	2.79E-10	3.70E-10	4.22E-05	1.13E-06	2.82E-02	0.00E+00	2.10E-01	5.29E-10	2.10E-01	2.38E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
47517214	5.80E-05	2.71E-02	4.93E-03	2.07E-02	3.70E-14	0.00E+00	2.90E-01	2.79E-07	2.67E-05	1.70E-04	0.00E+00	5.21E-04	2.22E-09	6.48E-11	3.09E-03	5.50E-05	1.81E-03	1.71E-04	3.82E-05	8.32E-03	1.94E-01	0.00E+00	2.63E-10	3.42E-10	3.95E-05	1.04E-06	2.60E-02	0.00E+00	1.94E-01	5.05E-10	1.94E-01	2.20E-01	2.60E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-03
47518982	5.69E-05	2.71E-02	4.93E-03	2.04E-02	1.40E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.53E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47518989	6.15E-05	2.86E-02	4.96E-03	2.36E-02	0.00E+00	0.00E+00	3.10E-01	3.05E-07	2.87E-05	1.81E-04	0.00E+00	5.25E-04	2.35E-09	6.98E-11	3.55E-03	5.69E-05	2.33E-03	6.33E-04	4.16E-05	9.88E-03	2.10E-01	0.00E+00	2.79E-10	3.70E-10	4.22E-05	1.13E-06	2.82E-02	0.00E+00	2.10E-01	5.29E-10	2.10E-01	2.38E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
47521404	5.94E-05	2.83E-02	5.15E-03	2.13E-02	1.50E-14	0.00E+00	2.98E-01	2.86E-07	2.75E-05	1.74E-04	0.00E+00	5.43E-04	2.28E-09	6.66E-11	3.16E-03	5.64E-05	1.85E-03	1.60E-04	3.98E-05	8.55E-03	1.99E-01	0.00E+00	2.69E-10	3.50E-10	4.05E-05	1.06E-06	2.67E-02	0.00E+00	1.99E-01	5.26E-10	1.99E-01	2.26E-01	2.67E-02	0.00E+00	0.00E+00	0.00E+00	1.61E-03
47521606	7.63E-05	3.51E-02	6.19E-03	2.90E-02	0.00E+00	0.00E+00	3.86E-01	3.78E-07	3.58E-05	2.25E-04	0.00E+00	6.55E-04	2.94E-09	8.70E-11	4.34E-03	7.11E-05	2.76E-03	6.33E-04	5.08E-05	1.21E-02	2.61E-01	0.00E+00	3.47E-10	4.58E-10	5.25E-05	1.39E-06	3.50E-02	0.00E+00	2.61E-01	6.53E-10	2.61E-01	2.96E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
47521909	6.84E-05	3.28E-02	5.97E-03	2.45E-02	6.00E-15	0.00E+00	3.43E-01	3.30E-07	3.16E-05	2.00E-04	0.00E+00	6.30E-04	2.62E-09	7.67E-11	3.64E-03	6.49E-05	2.12E-03	1.77E-04	4.61E-05	9.85E-03	2.29E-01	0.00E+00	3.10E-10	4.03E-10	4.66E-05	1.22E-06	3.07E-02	0.00E+00	2.29E-01	6.10E-10	2.29E-01	2.60E-01	3.07E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
47526039	6.86E-05	3.28E-02	5.97E-03	2.45E-02	1.00E-14	0.00E+00	3.44E-01	3.31E-07	3.17E-05	2.01E-04	0.00E+00	6.30E-04	2.63E-09	7.69E-11	3.65E-03	6.51E-05	2.13E-03	1.80E-04	4.61E-05	9.87E-03	2.30E-01	0.00E+00	3.11E-10	4.04E-10	4.68E-05	1.23E-06	3.08E-02	0.00E+00	2.30E-01	6.10E-10	2.30E-01	2.61E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
47526049	6.72E-05	3.21E-02	5.84E-03	2.40E-02	1.20E-14	0.00E+00	3.37E-01	3.24E-07	3.11E-05	1.97E-04	0.00E+00	6.17E-04	2.58E-09	7.54E-11	3.58E-03	6.38E-05	2.09E-03	1.78E-04	4.52E-05	9.67E-03	2.26E-01	0.00E+00	3.05E-10	3.96E-10	4.58E-05	1.20E-06	3.02E-02	0.00E+00	2.26E-01	5.97E-10	2.26E-01	2.56E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
47526084	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.10E-14	0.00E+00	2.87E-01	2.76E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.41E-11	3.05E-03	5.43E-05	1.78E-03	1.59E-04	3.81E-05	8.23E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47526086	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.10E-14	0.00E+00	2.87E-01	2.76E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.41E-11	3.05E-03	5.43E-05	1.78E-03	1.59E-04	3.81E-05	8.23E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47526089	5.66E-05	2.68E-02	4.87E-03	2.02E-02	2.20E-14	0.00E+00	2.83E-01	2.72E-07	2.61E-05	1.65E-04	0.00E+00	5.14E-04	2.17E-09	6.33E-11	3.01E-03	5.37E-05	1.76E-03	1.58E-04	3.77E-05	8.13E-03	1.90E-01	0.00E+00	2.56E-10	3.33E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	4.98E-10	1.90E-01	2.15E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
47527103	5.77E-05	2.71E-02	4.93E-03	2.06E-02	3.10E-14	0.00E+00	2.89E-01	2.78E-07	2.66E-05	1.69E-04	0.00E+00	5.21E-04	2.21E-09	6.45E-11	3.07E-03	5.47E-05	1.79E-03	1.66E-04	3.82E-05	8.28E-03	1.93E-01	0.00E+00	2.61E-10	3.40E-10	3.93E-05	1.03E-06	2.59E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
47527104	6.49E-05	3.06E-02	5.56E-03	2.32E-02	3.10E-14	0.00E+00	3.25E-01	3.12E-07	2.99E-05	1.90E-04	0.00E+00	5.88E-04	2.48E-09	7.26E-11	3.46E-03	6.16E-05	2.02E-03	1.84E-04	4.31E-05	9.32E-03	2.18E-01	0.00E+00	2.94E-10	3.82E-10	4.42E-05	1.16E-06	2.91E-02	0.00E+00	2.18E-01	5.70E-10	2.18E-01	2.47E-01	2.91E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
47527106	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.30E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.19E-09	6.42E-11	3.05E-03	5.44E-05	1.78E-03	1.60E-04	3.81E-05	8.24E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47527109	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.40E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.42E-11	3.05E-03	5.44E-05	1.78E-03	1.61E-04	3.81E-05	8.24E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
47527203	5.77E-05	2.71E-02	4.93E-03	2.06E-02	3.10E-14	0.00E+00	2.89E-01	2.78E-07	2.66E-05	1.69E-04	0.00E+00	5.21E-04	2.21E-09	6.45E-11	3.07E-03	5.47E-05	1.79E-03	1.66E-04	3.82E-05	8.28E-03	1.93E-01	0.00E+00	2.61E-10	3.40E-10	3.93E-05	1.03E-06	2.59E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
47527204	5.80E-05	2.71E-02	4.93E-03	2.07E-02	3.70E-14	0.00E+00	2.90E-01	2.79E-07	2.67E-05	1.70E-04	0.00E+00	5.21E-04	2.22E-09	6.48E-11	3.09E-03	5.50E-05	1.81E-03	1.71E-04	3.82E-05	8.32E-03	1.94E-01	0.00E+00	2.63E-10	3.42E-10	3.95E-05	1.04E-06	2.60E-02	0.00E+00	1.94E-01	5.05E-10	1.94E-01	2.20E-01	2.60E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-03
47527206	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
47527209	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.30E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.19E-09	6.42E-11	3.05E-03	5.44E-05	1.78E-03	1.60E-04	3.81E-05	8.24E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47528982	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.70E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.56E-04	3.81E-05	8.21E-03	1.91E-01	0.00E+00	2.59E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
47528989	7.63E-05	3.51E-02	6.19E-03	2.90E-02	0.00E+00	0.00E+00	3.86E-01	3.78E-07	3.58E-05	2.25E-04	0.00E+00	6.55E-04	2.94E-09	8.70E-11	4.34E-03	7.11E-05	2.76E-03	6.33E-04	5.08E-05	1.21E-02	2.61E-01	0.00E+00	3.47E-10	4.58E-10	5.25E-05	1.39E-06	3.50E-02	0.00E+00	2.61E-01	6.53E-10	2.61E-01	2.96E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
4755	7.41E-05	3.29E-02	6.19E-03	2.67E-02	0.00E+00	0.00E+00	3.84E-01	3.65E-07	3.54E-05	2.20E-04	0.00E+00	6.50E-04	2.94E-09	8.59E-11	3.97E-03	7.11E-05	2.19E-03	0.00E+00	4.63E-05	1.09E-02	2.53E-01	0.00E+00	3.42E-10	4.42E-10	5.14E-05	1.31E-06	3.37E-02	0.00E+00	2.53E-01	6.20E-10	2.53E-01	2.86E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
475501	7.41E-05	3.29E-02	6.19E-03	2.67E-02	0.00E+00	0.00E+00	3.84E-01	3.65E-07	3.54E-05	2.20E-04	0.00E+00	6.50E-04	2.94E-09	8.59E-11	3.97E-03	7.11E-05	2.19E-03	0.00E+00	4.63E-05	1.09E-02	2.53E-01	0.00E+00	3.42E-10	4.42E-10	5.14E-05	1.31E-06	3.37E-02	0.00E+00	2.53E-01	6.20E-10	2.53E-01	2.86E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
47552045	8.19E-05	3.36E-02	6.32E-03	2.73E-02	0.00E+00	0.00E+00	3.93E-01	3.73E-07	3.61E-05	2.25E-04	0.00E+00	6.64E-04	3.00E-09	8.78E-11	4.06E-03	7.26E-05	2.24E-03	0.00E+00	4.73E-05	1.12E-02	2.58E-01	0.00E+00	3.49E-10	4.52E-10	5.25E-05	1.34E-06	3.45E-02	0.00E+00	2.58E-01	6.34E-10	2.58E-01	2.93E-01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
47552089	8.19E-05	3.36E-02	6.32E-03	2.73E-02	0.00E+00	0.00E+00	3.93E-01	3.73E-07	3.61E-05	2.25E-04	0.00E+00	6.64E-04	3.00E-09	8.78E-11	4.06E-03	7.26E-05	2.24E-03	0.00E+00	4.73E-05	1.12E-02	2.58E-01	0.00E+00	3.49E-10	4.52E-10	5.25E-05	1.34E-06	3.45E-02	0.00E+00	2.58E-01	6.34E-10	2.58E-01	2.93E-01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
47591606	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47591909	1.08E-04	4.82E-02	7.67E-03	4.05E-02	0.00E+00	0.00E+00	4.83E-01	4.94E-07	4.51E-05	2.89E-04	0.00E+00	8.22E-04	3.65E-09	1.10E-10	6.13E-03	8.81E-05	4.58E-03	2.07E-03	7.22E-05	1.72E-02	3.39E-01	0.00E+00	4.41E-10	6.00E-10	6.73E-05	1.88E-06	4.58E-02	0.00E+00	3.39E-01	8.74E-10	3.39E-01	3.85E-01	4.58E-02	0.00E+00	0.00E+00	0.00E+00	3.10E-03
47601404	1.01E-04	4.81E-02	8.77E-03	3.60E-02	1.30E-14	0.00E+00	5.05E-01	4.85E-07	4.65E-05	2.94E-04	0.00E+00	9.25E-04	3.86E-09	1.13E-10	5.36E-03	9.55E-05	3.12E-03	2.63E-04	6.77E-05	1.45E-02	3.38E-01	0.00E+00	4.56E-10	5.93E-10	6.86E-05	1.80E-06	4.52E-02	0.00E+00	3.38E-01	8.96E-10	3.38E-01	3.83E-01	4.52E-02	0.00E+00	0.00E+00	0.00E+00	2.73E-03
47601606	1.04E-04	4.98E-02	9.08E-03	3.72E-02	9.00E-15	0.00E+00	5.22E-01	5.01E-07	4.81E-05	3.04E-04	0.00E+00	9.58E-04	3.99E-09	1.17E-10	5.54E-03	9.86E-05	3.23E-03	2.68E-04	7.01E-05	1.50E-02	3.49E-01	0.00E+00	4.71E-10	6.13E-10	7.09E-05	1.86E-06	4.67E-02	0.00E+00	3.49E-01	9.27E-10	3.49E-01	3.96E-01	4.67E-02	0.00E+00	0.00E+00	0.00E+00	2.82E-03
47601909	1.12E-04	5.39E-02	9.82E-03	4.01E-02	2.00E-15	0.00E+00	5.63E-01	5.41E-07	5.19E-05	3.28E-04	0.00E+00	1.04E-03	4.30E-09	1.26E-10	5.98E-03	1.06E-04	3.48E-03	2.84E-04	7.59E-05	1.62E-02	3.76E-01	0.00E+00	5.09E-10	6.61E-10	7.65E-05	2.00E-06	5.04E-02	0.00E+00	3.76E-01	1.00E-09	3.76E-01	4.27E-01	5.04E-02	0.00E+00	0.00E+00	0.00E+00	3.04E-03
4763	1.34E-04	1.02E-01	5.96E-02	4.33E-02	3.00E-10	0.00E+00	6.09E-01	5.92E-07	5.60E-05	3.99E-04	0.00E+00	2.35E-03	4.71E-09	1.33E-10	6.29E-03	1.40E-04	3.68E-03	2.98E-02	2.69E-04	1.35E-02	4.38E-01	0.00E+00	6.18E-10	7.85E-10	9.14E-05	2.70E-06	5.89E-02	0.00E+00	4.38E-01	2.19E-09	4.38E-01	4.97E-01	5.89E-02	0.00E+00	0.00E+00	0.00E+00	3.66E-03
476301	1.51E-04	1.15E-01	6.79E-02	4.89E-02	3.42E-10	0.00E+00	6.87E-01	6.67E-07	6.31E-05	4.52E-04	0.00E+00	2.67E-03	5.32E-09	1.50E-10	7.09E-03	1.59E-04	4.15E-03	3.40E-02	3.06E-04	1.51E-02	4.95E-01	0.00E+00	6.98E-10	8.87E-10	1.03E-04	3.07E-06	6.65E-02	0.00E+00	4.95E-01	2.49E-09	4.95E-01	5.61E-01	6.65E-02	0.00E+00	0.00E+00	0.00E+00	4.14E-03
476309	1.70E-04	6.96E-02	1.31E-02	5.65E-02	0.00E+00	0.00E+00	8.14E-01	7.74E-07	7.49E-05	4.66E-04	0.00E+00	1.38E-03	6.23E-09	1.82E-10	8.41E-03	1.51E-04	4.64E-03	0.00E+00	9.81E-05	2.32E-02	5.36E-01	0.00E+00	7.24E-10	9.38E-10	1.09E-04	2.78E-06	7.15E-02	0.00E+00	5.36E-01	1.31E-09	5.36E-01	6.07E-01	7.15E-02	0.00E+00	0.00E+00	0.00E+00	4.21E-03
47631404	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
47631606	2.43E-05	1.01E-02	1.81E-03	8.67E-03	7.80E-14	0.00E+00	1.20E-01	1.16E-07	1.10E-05	7.09E-05	0.00E+00	1.93E-04	9.15E-10	2.67E-11	1.29E-03	2.31E-05	7.67E-04	1.14E-04	1.42E-05	3.43E-03	8.10E-02	0.00E+00	1.10E-10	1.43E-10	1.65E-05	4.41E-07	1.09E-02	0.00E+00	8.10E-02	1.89E-10	8.10E-02	9.19E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.65E-04
47631909	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
47633502	7.50E-05	5.54E-02	3.16E-02	2.45E-02	1.59E-10	0.00E+00	3.47E-01	3.37E-07	3.19E-05	2.23E-04	0.00E+00	1.28E-03	2.68E-09	7.63E-11	3.61E-03	7.81E-05	2.10E-03	1.56E-02	1.44E-04	8.02E-03	2.47E-01	0.00E+00	3.46E-10	4.41E-10	5.13E-05	1.48E-06	3.32E-02	0.00E+00	2.47E-01	1.20E-09	2.47E-01	2.80E-01	3.32E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
47633505	7.14E-05	3.17E-02	5.97E-03	2.57E-02	0.00E+00	0.00E+00	3.71E-01	3.52E-07	3.41E-05	2.12E-04	0.00E+00	6.26E-04	2.83E-09	8.28E-11	3.83E-03	6.85E-05	2.11E-03	0.00E+00	4.46E-05	1.05E-02	2.44E-01	0.00E+00	3.29E-10	4.27E-10	4.95E-05	1.26E-06	3.25E-02	0.00E+00	2.44E-01	5.98E-10	2.44E-01	2.76E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
47633522	1.04E-04	7.85E-02	4.55E-02	3.39E-02	2.29E-10	0.00E+00	4.79E-01	4.65E-07	4.40E-05	3.12E-04	0.00E+00	1.82E-03	3.70E-09	1.05E-10	4.96E-03	1.09E-04	2.89E-03	2.27E-02	2.06E-04	1.08E-02	3.43E-01	0.00E+00	4.82E-10	6.14E-10	7.14E-05	2.09E-06	4.61E-02	0.00E+00	3.43E-01	1.70E-09	3.43E-01	3.89E-01	4.61E-02	0.00E+00	0.00E+00	0.00E+00	2.85E-03
47633525	7.73E-05	3.17E-02	5.97E-03	2.57E-02	0.00E+00	0.00E+00	3.71E-01	3.52E-07	3.41E-05	2.12E-04	0.00E+00	6.26E-04	2.83E-09	8.28E-11	3.83E-03	6.85E-05	2.11E-03	0.00E+00	4.46E-05	1.05E-02	2.44E-01	0.00E+00	3.29E-10	4.27E-10	4.95E-05	1.26E-06	3.25E-02	0.00E+00	2.44E-01	5.98E-10	2.44E-01	2.76E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
47636084	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
47636086	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
47636089	7.63E-05	3.51E-02	6.19E-03	2.90E-02	0.00E+00	0.00E+00	3.86E-01	3.78E-07	3.58E-05	2.25E-04	0.00E+00	6.55E-04	2.94E-09	8.70E-11	4.34E-03	7.11E-05	2.76E-03	6.33E-04	5.08E-05	1.21E-02	2.61E-01	0.00E+00	3.47E-10	4.58E-10	5.25E-05	1.39E-06	3.50E-02	0.00E+00	2.61E-01	6.53E-10	2.61E-01	2.96E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
47637003	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
47637006	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
47637009	5.07E-05	2.33E-02	4.23E-03	1.81E-02	5.30E-14	0.00E+00	2.53E-01	2.43E-07	2.33E-05	1.48E-04	0.00E+00	4.47E-04	1.93E-09	5.65E-11	2.70E-03	4.81E-05	1.58E-03	1.64E-04	3.28E-05	7.25E-03	1.70E-01	0.00E+00	2.29E-10	2.98E-10	3.45E-05	9.10E-07	2.27E-02	0.00E+00	1.70E-01	4.34E-10	1.70E-01	1.92E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
47638982	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
47638989	7.03E-05	3.25E-02	5.69E-03	2.68E-02	0.00E+00	0.00E+00	3.55E-01	3.48E-07	3.29E-05	2.07E-04	0.00E+00	6.02E-04	2.70E-09	8.00E-11	4.02E-03	6.53E-05	2.59E-03	6.33E-04	4.71E-05	1.12E-02	2.40E-01	0.00E+00	3.19E-10	4.22E-10	4.83E-05	1.28E-06	3.22E-02	0.00E+00	2.40E-01	6.02E-10	2.40E-01	2.72E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-03
47693502	8.97E-05	4.27E-02	7.76E-03	3.21E-02	2.40E-14	0.00E+00	4.49E-01	4.32E-07	4.14E-05	2.62E-04	0.00E+00	8.20E-04	3.44E-09	1.00E-10	4.78E-03	8.51E-05	2.79E-03	2.42E-04	6.00E-05	1.29E-02	3.01E-01	0.00E+00	4.07E-10	5.29E-10	6.11E-05	1.60E-06	4.02E-02	0.00E+00	3.01E-01	7.94E-10	3.01E-01	3.41E-01	4.02E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
47703522	1.55E-04	7.32E-02	1.33E-02	5.53E-02	5.80E-14	0.00E+00	7.74E-01	7.45E-07	7.14E-05	4.52E-04	0.00E+00	1.41E-03	5.92E-09	1.73E-10	8.23E-03	1.47E-04	4.81E-03	4.29E-04	1.03E-04	2.22E-02	5.19E-01	0.00E+00	7.01E-10	9.11E-10	1.05E-04	2.77E-06	6.94E-02	0.00E+00	5.19E-01	1.36E-09	5.19E-01	5.88E-01	6.94E-02	0.00E+00	0.00E+00	0.00E+00	4.19E-03
47703525	9.17E-05	4.07E-02	7.66E-03	3.30E-02	0.00E+00	0.00E+00	4.76E-01	4.52E-07	4.38E-05	2.72E-04	0.00E+00	8.04E-04	3.64E-09	1.06E-10	4.91E-03	8.80E-05	2.71E-03	0.00E+00	5.73E-05	1.35E-02	3.13E-01	0.00E+00	4.23E-10	5.48E-10	6.36E-05	1.62E-06	4.17E-02	0.00E+00	3.13E-01	7.68E-10	3.13E-01	3.55E-01	4.17E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
47703532	1.55E-04	7.32E-02	1.33E-02	5.53E-02	5.80E-14	0.00E+00	7.74E-01	7.45E-07	7.14E-05	4.52E-04	0.00E+00	1.41E-03	5.92E-09	1.73E-10	8.23E-03	1.47E-04	4.81E-03	4.29E-04	1.03E-04	2.22E-02	5.19E-01	0.00E+00	7.01E-10	9.11E-10	1.05E-04	2.77E-06	6.94E-02	0.00E+00	5.19E-01	1.36E-09	5.19E-01	5.88E-01	6.94E-02	0.00E+00	0.00E+00	0.00E+00	4.19E-03
47703535	1.34E-04	6.30E-02	1.14E-02	4.80E-02	7.80E-14	0.00E+00	6.71E-01	6.46E-07	6.19E-05	3.92E-04	0.00E+00	1.21E-03	5.13E-09	1.50E-10	7.14E-03	1.27E-04	4.18E-03	3.91E-04	8.86E-05	1.93E-02	4.50E-01	0.00E+00	6.08E-10	7.91E-10	9.14E-05	2.40E-06	6.02E-02	0.00E+00	4.50E-01	1.17E-09	4.50E-01	5.10E-01	6.02E-02	0.00E+00	0.00E+00	0.00E+00	3.64E-03
47703545	1.53E-04	1.13E-01	6.45E-02	4.99E-02	3.25E-10	0.00E+00	7.06E-01	6.85E-07	6.48E-05	4.55E-04	0.00E+00	2.61E-03	5.46E-09	1.55E-10	7.34E-03	1.59E-04	4.27E-03	3.19E-02	2.94E-04	1.63E-02	5.02E-01	0.00E+00	7.04E-10	8.97E-10	1.04E-04	3.02E-06	6.75E-02	0.00E+00	5.02E-01	2.45E-09	5.02E-01	5.70E-01	6.75E-02	0.00E+00	0.00E+00	0.00E+00	4.16E-03
47703552	1.78E-04	1.33E-01	7.67E-02	5.81E-02	3.86E-10	0.00E+00	8.22E-01	7.98E-07	7.55E-05	5.32E-04	0.00E+00	3.09E-03	6.35E-09	1.80E-10	8.52E-03	1.86E-04	4.96E-03	3.81E-02	3.48E-04	1.87E-02	5.87E-01	0.00E+00	8.23E-10	1.05E-09	1.22E-04	3.56E-06	7.88E-02	0.00E+00	5.87E-01	2.88E-09	5.87E-01	6.65E-01	7.88E-02	0.00E+00	0.00E+00	0.00E+00	4.87E-03
47703555	1.53E-04	1.14E-01	6.52E-02	4.99E-02	3.28E-10	0.00E+00	7.06E-01	6.85E-07	6.48E-05	4.56E-04	0.00E+00	2.63E-03	5.46E-09	1.55E-10	7.33E-03	1.60E-04	4.27E-03	3.23E-02	2.96E-04	1.62E-02	5.03E-01	0.00E+00	7.06E-10	8.99E-10	1.05E-04	3.04E-06	6.76E-02	0.00E+00	5.03E-01	2.46E-09	5.03E-01	5.71E-01	6.76E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-03
47703562	1.78E-04	1.33E-01	7.66E-02	5.81E-02	3.86E-10	0.00E+00	8.22E-01	7.98E-07	7.55E-05	5.32E-04	0.00E+00	3.08E-03	6.35E-09	1.80E-10	8.53E-03	1.86E-04	4.96E-03	3.81E-02	3.48E-04	1.87E-02	5.86E-01	0.00E+00	8.23E-10	1.05E-09	1.22E-04	3.55E-06	7.88E-02	0.00E+00	5.86E-01	2.88E-09	5.86E-01	6.65E-01	7.88E-02	0.00E+00	0.00E+00	0.00E+00	4.86E-03
47703565	9.09E-05	6.43E-02	3.50E-02	3.01E-02	1.77E-10	0.00E+00	4.31E-01	4.18E-07	3.95E-05	2.69E-04	0.00E+00	1.49E-03	3.32E-09	9.54E-11	4.53E-03	9.37E-05	2.60E-03	1.70E-02	1.63E-04	1.05E-02	3.01E-01	0.00E+00	4.18E-10	5.35E-10	6.21E-05	1.74E-06	4.05E-02	0.00E+00	3.01E-01	1.40E-09	3.01E-01	3.42E-01	4.05E-02	0.00E+00	0.00E+00	0.00E+00	2.45E-03

47721606	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47721909	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47726084	1.12E-04	5.39E-02	9.82E-03	4.01E-02	2.00E-15	0.00E+00	5.63E-01	5.41E-07	5.19E-05	3.28E-04	0.00E+00	1.04E-03	4.30E-09	1.26E-10	5.98E-03	1.06E-04	3.48E-03	2.84E-04	7.59E-05	1.62E-02	3.76E-01	0.00E+00	5.09E-10	6.61E-10	7.65E-05	2.00E-06	5.04E-02	0.00E+00	3.76E-01	1.00E-09	3.76E-01	4.27E-01	5.04E-02	0.00E+00	0.00E+00	0.00E+00	3.04E-03
47726086	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47726096	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47726099	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47728989	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47733512	1.12E-04	4.90E-02	8.85E-03	3.98E-02	2.30E-13	0.00E+00	5.53E-01	5.34E-07	5.10E-05	3.26E-04	0.00E+00	9.38E-04	4.23E-09	1.24E-10	5.93E-03	1.06E-04	3.50E-03	4.36E-04	6.88E-05	1.59E-02	3.73E-01	0.00E+00	5.04E-10	6.56E-10	7.58E-05	2.01E-06	5.00E-02	0.00E+00	3.73E-01	9.13E-10	3.73E-01	4.23E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	3.04E-03
47733515	1.21E-04	5.37E-02	1.01E-02	4.36E-02	0.00E+00	0.00E+00	6.28E-01	5.97E-07	5.78E-05	3.59E-04	0.00E+00	1.06E-03	4.81E-09	1.40E-10	6.49E-03	1.16E-04	3.58E-03	0.00E+00	7.57E-05	1.79E-02	4.13E-01	0.00E+00	5.59E-10	7.24E-10	8.40E-05	2.14E-06	5.52E-02	0.00E+00	4.13E-01	1.01E-09	4.13E-01	4.69E-01	5.52E-02	0.00E+00	0.00E+00	0.00E+00	3.25E-03
47733522	1.63E-04	7.50E-02	1.36E-02	5.84E-02	1.79E-13	0.00E+00	8.15E-01	7.85E-07	7.51E-05	4.77E-04	0.00E+00	1.44E-03	6.23E-09	1.82E-10	8.69E-03	1.55E-04	5.10E-03	5.33E-04	1.05E-04	2.34E-02	5.47E-01	0.00E+00	7.40E-10	9.62E-10	1.11E-04	2.94E-06	7.32E-02	0.00E+00	5.47E-01	1.40E-09	5.47E-01	6.20E-01	7.32E-02	0.00E+00	0.00E+00	0.00E+00	4.44E-03
47733525	1.55E-04	6.86E-02	1.29E-02	5.57E-02	0.00E+00	0.00E+00	8.03E-01	7.63E-07	7.39E-05	4.59E-04	0.00E+00	1.36E-03	6.14E-09	1.79E-10	8.29E-03	1.48E-04	4.58E-03	0.00E+00	9.66E-05	2.28E-02	5.28E-01	0.00E+00	7.14E-10	9.24E-10	1.07E-04	2.74E-06	7.04E-02	0.00E+00	5.28E-01	1.30E-09	5.28E-01	5.98E-01	7.04E-02	0.00E+00	0.00E+00	0.00E+00	4.15E-03
47741606	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47741909	1.08E-04	4.82E-02	7.67E-03	4.05E-02	0.00E+00	0.00E+00	4.83E-01	4.94E-07	4.51E-05	2.89E-04	0.00E+00	8.22E-04	3.65E-09	1.10E-10	6.13E-03	8.81E-05	4.58E-03	2.07E-03	7.22E-05	1.72E-02	3.39E-01	0.00E+00	4.41E-10	6.00E-10	6.73E-05	1.88E-06	4.58E-02	0.00E+00	3.39E-01	8.74E-10	3.39E-01	3.85E-01	4.58E-02	0.00E+00	0.00E+00	0.00E+00	3.10E-03
47746086	1.26E-04	6.01E-02	9.93E-03	5.02E-02	0.00E+00	0.00E+00	6.23E-01	6.28E-07	5.80E-05	3.70E-04	0.00E+00	1.06E-03	4.72E-09	1.41E-10	7.57E-03	1.14E-04	5.38E-03	2.07E-03	8.90E-05	2.12E-02	4.31E-01	0.00E+00	5.66E-10	7.61E-10	8.60E-05	2.35E-06	5.81E-02	0.00E+00	4.31E-01	1.10E-09	4.31E-01	4.89E-01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	3.82E-03
47746089	1.26E-04	6.01E-02	9.93E-03	5.02E-02	0.00E+00	0.00E+00	6.23E-01	6.28E-07	5.80E-05	3.70E-04	0.00E+00	1.06E-03	4.72E-09	1.41E-10	7.57E-03	1.14E-04	5.38E-03	2.07E-03	8.90E-05	2.12E-02	4.31E-01	0.00E+00	5.66E-10	7.61E-10	8.60E-05	2.35E-06	5.81E-02	0.00E+00	4.31E-01	1.10E-09	4.31E-01	4.89E-01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	3.82E-03
47746096	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47746099	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47748982	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47748989	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47753522	1.89E-04	1.49E-01	8.97E-02	5.98E-02	4.44E-10	0.00E+00	8.43E-01	8.26E-07	7.73E-05	5.68E-04	0.00E+00	3.34E-03	6.60E-09	1.82E-10	8.58E-03	1.99E-04	4.95E-03	4.51E-02	4.00E-04	1.73E-02	6.17E-01	0.00E+00	8.77E-10	1.11E-09	1.29E-04	3.93E-06	8.29E-02	0.00E+00	6.17E-01	3.14E-09	6.17E-01	7.00E-01	8.29E-02	0.00E+00	0.00E+00	0.00E+00	5.21E-03
47753525	9.17E-05	4.07E-02	7.66E-03	3.30E-02	0.00E+00	0.00E+00	4.76E-01	4.52E-07	4.38E-05	2.72E-04	0.00E+00	8.04E-04	3.64E-09	1.06E-10	4.91E-03	8.80E-05	2.71E-03	0.00E+00	5.73E-05	1.35E-02	3.13E-01	0.00E+00	4.23E-10	5.48E-10	6.36E-05	1.62E-06	4.17E-02	0.00E+00	3.13E-01	7.68E-10	3.13E-01	3.55E-01	4.17E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
47753532	1.78E-04	1.33E-01	7.70E-02	5.80E-02	3.87E-10	0.00E+00	8.20E-01	7.96E-07	7.53E-05	5.32E-04	0.00E+00	3.09E-03	6.34E-09	1.80E-10	8.50E-03	1.86E-04	4.95E-03	3.83E-02	3.49E-04	1.86E-02	5.86E-01	0.00E+00	8.23E-10	1.05E-09	1.22E-04	3.56E-06	7.87E-02	0.00E+00	5.86E-01	2.88E-09	5.86E-01	6.64E-01	7.87E-02	0.00E+00	0.00E+00	0.00E+00	4.86E-03
47753535	1.72E-04	7.07E-02	1.33E-02	5.74E-02	0.00E+00	0.00E+00	8.26E-01	7.85E-07	7.60E-05	4.73E-04	0.00E+00	1.40E-03	6.32E-09	1.85E-10	8.53E-03	1.53E-04	4.71E-03	0.00E+00	9.95E-05	2.35E-02	5.44E-01	0.00E+00	7.35E-10	9.51E-10	1.10E-04	2.82E-06	7.25E-02	0.00E+00	5.44E-01	1.33E-09	5.44E-01	6.16E-01	7.25E-02	0.00E+00	0.00E+00	0.00E+00	4.27E-03
47753542	1.79E-04	1.34E-01	7.74E-02	5.82E-02	3.90E-10	0.00E+00	8.22E-01	7.98E-07	7.55E-05	5.33E-04	0.00E+00	3.10E-03	6.35E-09	1.80E-10	8.52E-03	1.87E-04	4.96E-03	3.85E-02	3.51E-04	1.86E-02	5.87E-01	0.00E+00	8.25E-10	1.05E-09	1.22E-04	3.57E-06	7.89E-02	0.00E+00	5.87E-01	2.90E-09	5.87E-01	6.66E-01	7.89E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-03
47753545	1.53E-04	6.28E-02	1.18E-02	5.10E-02	0.00E+00	0.00E+00	7.34E-01	6.98E-07	6.76E-05	4.20E-04	0.00E+00	1.24E-03	5.61E-09	1.64E-10	7.58E-03	1.36E-04	4.19E-03	0.00E+00	8.84E-05	2.09E-02	4.83E-01	0.00E+00	6.53E-10	8.45E-10	9.82E-05	2.50E-06	6.44E-02	0.00E+00	4.83E-01	1.18E-09	4.83E-01	5.47E-01	6.44E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
47753552	1.71E-04	8.12E-02	1.48E-02	6.11E-02	4.60E-14	0.00E+00	8.56E-01	8.23E-07	7.89E-05	5.00E-04	0.00E+00	1.56E-03	6.54E-09	1.91E-10	9.10E-03	1.62E-04	5.31E-03	4.62E-04	1.14E-04	2.46E-02	5.73E-01	0.00E+00	7.74E-10	1.01E-09	1.16E-04	3.06E-06	7.67E-02	0.00E+00	5.73E-01	1.51E-09	5.73E-01	6.50E-01	7.67E-02	0.00E+00	0.00E+00	0.00E+00	4.63E-03
47753555	1.34E-04	6.30E-02	1.14E-02	4.80E-02	8.10E-14	0.00E+00	6.72E-01	6.46E-07	6.19E-05	3.93E-04	0.00E+00	1.21E-03	5.14E-09	1.50E-10	7.15E-03	1.27E-04	4.18E-03	3.93E-04	8.86E-05	1.93E-02	4.50E-01	0.00E+00	6.09E-10	7.91E-10	9.15E-05	2.41E-06	6.03E-02	0.00E+00	4.50E-01	1.17E-09	4.50E-01	5.11E-01	6.03E-02	0.00E+00	0.00E+00	0.00E+00	3.64E-03
47753565	1.30E-04	6.07E-02	1.10E-02	4.65E-02	9.40E-14	0.00E+00	6.50E-01	6.26E-07	5.99E-05	3.80E-04	0.00E+00	1.16E-03	4.97E-09	1.45E-10	6.92E-03	1.23E-04	4.05E-03	3.91E-04	8.53E-05	1.87E-02	4.36E-01	0.00E+00	5.89E-10	7.66E-10	8.86E-05	2.33E-06	5.84E-02	0.00E+00	4.36E-01	1.13E-09	4.36E-01	4.94E-01	5.84E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03
47761404	1.06E-04	5.05E-02	9.20E-03	3.77E-02	1.10E-14	0.00E+00	5.29E-01	5.09E-07	4.88E-05	3.09E-04	0.00E+00	9.71E-04	4.04E-09	1.18E-10	5.62E-03	1.00E-04	3.28E-03	2.74E-04	7.11E-05	1.52E-02	3.54E-01	0.00E+00	4.78E-10	6.22E-10	7.19E-05	1.89E-06	4.74E-02	0.00E+00	3.54E-01	9.40E-10	3.54E-01	4.01E-01	4.74E-02	0.00E+00	0.00E+00	0.00E+00	2.86E-03
47761606	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47761909	1.08E-04	4.82E-02	7.67E-03	4.05E-02	0.00E+00	0.00E+00	4.83E-01	4.94E-07	4.51E-05	2.89E-04	0.00E+00	8.22E-04	3.65E-09	1.10E-10	6.13E-03	8.81E-05	4.58E-03	2.07E-03	7.22E-05	1.72E-02	3.39E-01	0.00E+00	4.41E-10	6.00E-10	6.73E-05	1.88E-06	4.58E-02	0.00E+00	3.39E-01	8.74E-10	3.39E-01	3.85E-01	4.58E-02	0.00E+00	0.00E+00	0.00E+00	3.10E-03
47771404	4.94E-05	2.25E-02	4.08E-03	1.77E-02	6.30E-14	0.00E+00	2.46E-01	2.37E-07	2.27E-05	1.44E-04	0.00E+00	4.31E-04	1.88E-09	5.50E-11	2.63E-03	4.69E-05	1.54E-03	1.67E-04	3.16E-05	7.06E-03	1.65E-01	0.00E+00	2.24E-10	2.91E-10	3.36E-05	8.89E-07	2.22E-02	0.00E+00	1.65E-01	4.19E-10	1.65E-01	1.88E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
47771606	5.38E-05	2.47E-02	4.47E-03	1.92E-02	5.80E-14	0.00E+00	2.68E-01	2.58E-07	2.47E-05	1.57E-04	0.00E+00	4.73E-04	2.05E-09	5.99E-11	2.86E-03	5.10E-05	1.68E-03	1.75E-04	3.47E-05	7.69E-03	1.80E-01	0.00E+00	2.43E-10	3.16E-10	3.66E-05	9.65E-07	2.41E-02	0.00E+00	1.80E-01	4.60E-10	1.80E-01	2.04E-01	2.41E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
47771909	1.04E-04	4.98E-02	9.08E-03	3.72E-02	1.00E-14	0.00E+00	5.22E-01	5.01E-07	4.81E-05	3.04E-04	0.00E+00	9.58E-04	3.99E-09	1.17E-10	5.54E-03	9.87E-05	3.23E-03	2.69E-04	7.01E-05	1.50E-02	3.49E-01	0.00E+00	4.72E-10	6.13E-10	7.09E-05	1.86E-06	4.67E-02	0.00E+00	3.49E-01	9.27E-10	3.49E-01	3.96E-01	4.67E-02	0.00E+00	0.00E+00	0.00E+00	2.82E-03
47781404	1.08E-04	5.19E-02	9.45E-03	3.86E-02	1.00E-15	0.00E+00	5.41E-01	5.20E-07	4.99E-05	3.16E-04	0.00E+00	9.97E-04	4.14E-09	1.21E-10	5.75E-03	1.02E-04	3.35E-03	2.73E-04	7.30E-05	1.55E-02	3.62E-01	0.00E+00	4.89E-10	6.36E-10	7.36E-05	1.93E-06	4.84E-02	0.00E+00	3.62E-01	9.65E-10	3.62E-01	4.10E-01	4.84E-02	0.00E+00	0.00E+00	0.00E+00	2.92E-03
47781606	4.95E-05	2.26E-02	4.10E-03	1.77E-02	5.80E-14	0.00E+00	2.47E-01	2.38E-07	2.27E-05	1.45E-04	0.00E+00	4.34E-04	1.89E-09	5.51E-11	2.63E-03	4.69E-05	1.54E-03	1.64E-04	3.18E-05	7.07E-03	1.66E-01	0.00E+00	2.24E-10	2.91E-10	3.37E-05	8.89E-07	2.22E-02	0.00E+00	1.66E-01	4.21E-10	1.66E-01	1.88E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
47781909	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47791909	1.10E-04	5.29E-02	9.64E-03	3.93E-02	5.00E-15	0.00E+00	5.51E-01	5.29E-07	5.08E-05	3.21E-04	0.00E+00	1.02E-03	4.21E-09	1.23E-10	5.85E-03	1.04E-04	3.40E-03	2.74E-04	7.44E-05	1.58E-02	3.68E-01	0.00E+00	4.98E-10	6.47E-10	7.48E-05	1.96E-06	4.93E-02	0.00E+00	3.68E-01	9.84E-10	3.68E-01	4.18E-01	4.93E-02	0.00E+00	0.00E+00	0.00E+00	2.97E-03
47843512	1.81E-04	7.42E-02	1.40E-02	6.02E-02	0.00E+00	0.00E+00	8.68E-01	8.25E-07	7.98E-05	4.96E-04	0.00E+00	1.47E-03	6.64E-09	1.94E-10	8.96E-03	1.60E-04	4.95E-03	0.00E+00	1.04E-04	2.47E-02	5.71E-01	0.00E+00	7.71E-10	9.99E-10	1.16E-04	2.96E-06	7.61E-02	0.00E+00	5.71E-01	1.40E-09	5.71E-01	6.47E-01	7.61E-02	0.00E+00	0.00E+00	0.00E+00	4.49E-03
47843515	9.17E-05	4.07E-02	7.66E-03	3.30E-02	0.00E+00	0.00E+00	4.76E-01	4.52E-07	4.38E-05	2.72E-04	0.00E+00	8.04E-04	3.64E-09	1.06E-10	4.91E-03	8.80E-05	2.71E-03	0.00E+00	5.73E-05	1.35E-02	3.13E-01	0.00E+00	4.23E-10	5.48E-10	6.36E-05	1.62E-06	4.17E-02	0.00E+00	3.13E-01	7.68E-10	3.13E-01	3.55E-01	4.17E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
47843532	8.14E-05	5.66E-02	3.03E-02	2.71E-02	1.53E-10	0.00E+00	3.89E-01	3.77E-07	3.57E-05	2.41E-04	0.00E+00	1.31E-03	3.00E-09	8.63E-11	4.10E-03	8.35E-05	2.35E-03	1.47E-02	1.42E-04	9.69E-03	2.70E-01	0.00E+00	3.74E-10	4.80E-10	5.56E-05	1.54E-06	3.63E-02	0.00E+00	2.70E-01	1.24E-09	2.70E-01	3.07E-01	3.63E-02	0.00E+00	0.00E+00	0.00E+00	2.19E-03
47843535	1.53E-04	1.13E-01	6.46E-02	4.99E-02	3.25E-10	0.00E+00	7.06E-01	6.85E-07	6.48E-05	4.55E-04	0.00E+00	2.62E-03	5.46E-09	1.55E-10	7.34E-03	1.59E-04	4.27E-03	3.20E-02	2.94E-04	1.62E-02	5.03E-01	0.00E+00	7.04E-10	8.98E-10	1.04E-04	3.03E-06	6.75E-02	0.00E+00	5.03E-01	2.45E-09	5.03E-01	5.70E-01	6.75E-02	0.00E+00	0.00E+00	0.00E+00	4.16E-03
47843542	6.95E-05	4.77E-02	2.52E-02	2.32E-02	1.27E-10	0.00E+00	3.35E-01	3.24E-07	3.07E-05	2.06E-04	0.00E+00	1.11E-03	2.58E-09	7.43E-11	3.54E-03	7.11E-05	2.02E-03	1.21E-02	1.18E-04	8.46E-03	2.31E-01	0.00E+00	3.19E-10	4.10E-10	4.75E-05	1.30E-06	3.11E-02	0.00E+00	2.31E-01	1.05E-09	2.31E-01	2.63E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-03
47843545	1.53E-04	6.28E-02	1.18E-02	5.10E-02	0.00E+00	0.00E+00	7.34E-01	6.98E-07	6.76E-05	4.20E-04	0.00E+00	1.24E-03	5.61E-09	1.64E-10	7.58E-03	1.36E-04	4.19E-03	0.00E+00	8.84E-05	2.09E-02	4.83E-01	0.00E+00	6.53E-10	8.45E-10	9.82E-05	2.50E-06	6.44E-02	0.00E+00	4.83E-01	1.18E-09	4.83E-01	5.47E-01	6.44E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
47851606	4.94E-05	2.26E-02	4.10E-03	1.77E-02	5.70E-14	0.00E+00	2.46E-01	2.37E-07	2.27E-05	1.44E-04	0.00E+00	4.34E-04	1.88E-09	5.51E-11	2.63E-03	4.69E-05	1.54E-03	1.63E-04	3.18E-05	7.07E-03	1.66E-01	0.00E+00	2.24E-10	2.91E-10	3.36E-05	8.88E-07	2.22E-02	0.00E+00	1.66E-01	4.21E-10	1.66E-01	1.88E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
47851909	6.51E-05	3.04E-02	5.53E-03	2.33E-02	4.30E-14	0.00E+00	3.25E-01	3.13E-07	3.00E-05	1.90E-04	0.00E+00	5.84E-04	2.49E-09	7.28E-11	3.46E-03	6.18E-05	2.03E-03	1.93E-04	4.28E-05	9.34E-03	2.18E-01	0.00E+00	2.95E-10	3.83E-10	4.43E-05	1.17E-06	2.92E-02	0.00E+00	2.18E-01	5.67E-10	2.18E-01	2.47E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
47861949	5.69E-05	2.71E-02	4.93E-03	2.04E-02	1.40E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.53E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
47867109	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.40E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.42E-11	3.05E-03	5.44E-05	1.78E-03	1.61E-04	3.81E-05	8.24E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
47871909	6.50E-05	3.04E-02	5.53E-03	2.32E-02	3.90E-14	0.00E+00	3.25E-01	3.12E-07	2.99E-05	1.90E-04	0.00E+00	5.84E-04	2.48E-09	7.26E-11	3.46E-03	6.16E-05	2.02E-03	1.90E-04	4.28E-05	9.32E-03	2.18E-01	0.00E+00	2.94E-10	3.83E-10	4.42E-05	1.16E-06	2.91E-02	0.00E+00	2.18E-01	5.67E-10	2.18E-01	2.47E-01	2.91E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
478816	9.30E-06	4.21E-03	7.63E-04	3.32E-03	1.30E-14	0.00E+00	4.63E-02	4.46E-08	4.27E-06	2.72E-05	0.00E+00	8.07E-05	3.54E-10	1.03E-11	4.94E-04	8.82E-06	2.91E-04	3.20E-05	5.92E-06	1.33E-03	3.11E-02	0.00E+00	4.21E-11	5.47E-11	6.32E-06	1.67E-07	4.16E-03	0.00E+00	3.11E-02	7.85E-11	3.11E-02	3.53E-02	4.16E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
478819	1.41E-05	6.67E-03	1.21E-03	5.05E-03	6.00E-15	0.00E+00	7.07E-02	6.80E-08	6.52E-06	4.13E-05	0.00E+00	1.28E-04	5.41E-10	1.58E-11	7.52E-04	1.34E-05	4.40E-04	3.98E-05	9.39E-06	2.03E-03	4.74E-02	0.00E+00	6.40E-11	8.33E-11	9.63E-06	2.53E-07	6.34E-03	0.00E+00	4.74E-02	1.24E-10	4.74E-02	5.37E-02	6.34E-03	0.00E+00	0.00E+00	0.00E+00	3.83E-04
478826	1.58E-05	7.51E-03	1.37E-03	5.66E-03	5.00E-15	0.00E+00	7.92E-02	7.62E-08	7.30E-06	4.63E-05	0.00E+00	1.44E-04	6.06E-10	1.77E-11	8.42E-04	1.50E-05	4.92E-04	4.30E-05	1.06E-05	2.27E-03	5.31E-02	0.00E+00	7.17E-11	9.32E-11	1.08E-05	2.83E-07	7.10E-03	0.00E+00	5.31E-02	1.40E-10	5.31E-02	6.02E-02	7.10E-03	0.00E+00	0.00E+00	0.00E+00	4.29E-04
478829	6.43E-06	2.76E-03	4.97E-04	2.29E-03	1.60E-14	0.00E+00	3.18E-02	3.07E-08	2.93E-06	1.88E-05	0.00E+00	5.27E-05	2.43E-10	7.10E-12	3.41E-04	6.10E-06	2.02E-04	2.72E-05	3.87E-06	9.10E-04	2.15E-02	0.00E+00	2.90E-11	3.78E-11	4.36E-06	1.16E-07	2.87E-03	0.00E+00	2.15E-02	5.15E-11	2.15E-02	2.43E-02	2.87E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-04
478836	6.17E-06	2.63E-03	4.72E-04	2.20E-03	1.70E-14	0.00E+00	3.04E-02	2.94E-08	2.81E-06	1.80E-05	0.00E+00	5.01E-05	2.33E-10	6.80E-12	3.27E-04	5.85E-06	1.94E-04	2.69E-05	3.68E-06	8.72E-04	2.06E-02	0.00E+00	2.78E-11	3.62E-11	4.19E-06	1.12E-07	2.76E-03	0.00E+00	2.06E-02	4.89E-11	2.06E-02	2.33E-02	2.76E-03	0.00E+00	0.00E+00	0.00E+00	1.68E-04
478869	3.98E-05	1.95E-02	3.55E-03	1.42E-02	1.60E-14	0.00E+00	2.00E-01	1.92E-07	1.85E-05	1.16E-04	0.00E+00	3.75E-04	1.53E-09	4.48E-11	2.12E-03	3.78E-05	1.23E-03	8.96E-05	2.74E-05	5.75E-03	1.34E-01	0.00E+00	1.81E-10	2.35E-10	2.72E-05	7.10E-07	1.79E-02	0.00E+00	1.34E-01	3.62E-10	1.34E-01	1.52E-01	1.79E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
47893502	1.70E-04	1.30E-01	7.66E-02	5.48E-02	3.85E-10	0.00E+00	7.70E-01	7.48E-07	7.08E-05	5.07E-04	0.00E+00	3.01E-03	5.96E-09	1.68E-10	7.94E-03	1.78E-04	4.66E-03	3.84E-02	3.45E-04	1.68E-02	5.55E-01	0.00E+00	7.84E-10	9.96E-10	1.16E-04	3.45E-06	7.47E-02	0.00E+00	5.55E-01	2.80E-09	5.55E-01	6.30E-01	7.47E-02	0.00E+00	0.00E+00	0.00E+00	4.65E-03
47893505	1.08E-04	4.78E-02	9.00E-03	3.88E-02	0.00E+00	0.00E+00	5.59E-01	5.31E-07	5.14E-05	3.20E-04	0.00E+00	9.45E-04	4.27E-09	1.25E-10	5.77E-03	1.03E-04	3.19E-03	0.00E+00	6.73E-05	1.59E-02	3.68E-01	0.00E+00	4.97E-10	6.43E-10	7.47E-05	1.91E-06	4.90E-02	0.00E+00	3.68E-01	9.02E-10	3.68E-01	4.17E-01	4.90E-02	0.00E+00	0.00E+00	0.00E+00	2.89E-03
47893522	1.78E-04	1.33E-01	7.66E-02	5.81E-02	3.86E-10	0.00E+00	8.22E-01	7.98E-07	7.55E-05	5.32E-04	0.00E+00	3.08E-03	6.35E-09	1.80E-10	8.53E-03	1.86E-04	4.96E-03	3.81E-02	3.48E-04	1.87E-02	5.86E-01	0.00E+00	8.23E-10	1.05E-09	1.22E-04	3.55E-06	7.88E-02	0.00E+00	5.86E-01	2.88E-09	5.86E-01	6.65E-01	7.88E-02	0.00E+00	0.00E+00	0.00E+00	4.86E-03
47893525	1.59E-04	7.07E-02	1.33E-02	5.74E-02	0.00E+00	0.00E+00	8.26E-01	7.85E-07	7.60E-05	4.73E-04	0.00E+00	1.40E-03	6.32E-09	1.85E-10	8.53E-03	1.53E-04	4.71E-03	0.00E+00	9.95E-05	2.35E-02	5.44E-01	0.00E+00	7.35E-10	9.51E-10	1.10E-04	2.82E-06	7.25E-02	0.00E+00	5.44E-01	1.33E-09	5.44E-01	6.16E-01	7.25E-02	0.00E+00	0.00E+00	0.00E+00	4.27E-03
47911404	6.55E-05	3.05E-02	5.53E-03	2.34E-02	5.00E-14	0.00E+00	3.27E-01	3.15E-07	3.01E-05	1.91E-04	0.00E+00	5.85E-04	2.50E-09	7.31E-11	3.48E-03	6.21E-05	2.04E-03	1.99E-04	4.28E-05	9.38E-03	2.19E-01	0.00E+00	2.96E-10	3.85E-10	4.46E-05	1.17E-06	2.93E-02	0.00E+00	2.19E-01	5.67E-10	2.19E-01	2.49E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
47911606	1.16E-04	5.56E-02	1.01E-02	4.14E-02	0.00E+00	0.00E+00	5.80E-01	5.58E-07	5.35E-05	3.38E-04	0.00E+00	1.07E-03	4.44E-09	1.30E-10	6.16E-03	1.10E-04	3.59E-03	2.92E-04	7.83E-05	1.67E-02	3.88E-01	0.00E+00	5.24E-10	6.82E-10	7.89E-05	2.07E-06	5.19E-02	0.00E+00	3.88E-01	1.04E-09	3.88E-01	4.40E-01	5.19E-02	0.00E+00	0.00E+00	0.00E+00	3.13E-03
47911616	5.25E-05	2.40E-02	4.35E-03	1.88E-02	6.30E-14	0.00E+00	2.62E-01	2.52E-07	2.41E-05	1.54E-04	0.00E+00	4.60E-04	2.00E-09	5.85E-11	2.79E-03	4.99E-05	1.64E-03	1.75E-04	3.37E-05	7.51E-03	1.76E-01	0.00E+00	2.38E-10	3.09E-10	3.58E-05	9.44E-07	2.35E-02	0.00E+00	1.76E-01	4.47E-10	1.76E-01	1.99E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
47911909	1.15E-04	5.53E-02	1.01E-02	4.11E-02	1.00E-15	0.00E+00	5.77E-01	5.54E-07	5.32E-05	3.36E-04	0.00E+00	1.06E-03	4.41E-09	1.29E-10	6.12E-03	1.09E-04	3.57E-03	2.91E-04	7.78E-05	1.66E-02	3.86E-01	0.00E+00	5.21E-10	6.78E-10	7.84E-05	2.05E-06	5.16E-02	0.00E+00	3.86E-01	1.03E-09	3.86E-01	4.37E-01	5.16E-02	0.00E+00	0.00E+00	0.00E+00	3.11E-03
47911919	1.08E-04	4.82E-02	7.67E-03	4.05E-02	0.00E+00	0.00E+00	4.83E-01	4.94E-07	4.51E-05	2.89E-04	0.00E+00	8.22E-04	3.65E-09	1.10E-10	6.13E-03	8.81E-05	4.58E-03	2.07E-03	7.22E-05	1.72E-02	3.39E-01	0.00E+00	4.41E-10	6.00E-10	6.73E-05	1.88E-06	4.58E-02	0.00E+00	3.39E-01	8.74E-10	3.39E-01	3.85E-01	4.58E-02	0.00E+00	0.00E+00	0.00E+00	3.10E-03
47921404	6.53E-05	3.05E-02	5.53E-03	2.33E-02	4.80E-14	0.00E+00	3.26E-01	3.14E-07	3.01E-05	1.91E-04	0.00E+00	5.85E-04	2.50E-09	7.30E-11	3.48E-03	6.20E-05	2.03E-03	1.97E-04	4.28E-05	9.37E-03	2.19E-01	0.00E+00	2.96E-10	3.85E-10	4.45E-05	1.17E-06	2.93E-02	0.00E+00	2.19E-01	5.67E-10	2.19E-01	2.48E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
47921606	5.65E-05	2.60E-02	4.72E-03	2.02E-02	5.50E-14	0.00E+00	2.82E-01	2.71E-07	2.60E-05	1.65E-04	0.00E+00	4.99E-04	2.15E-09	6.30E-11	3.00E-03	5.36E-05	1.76E-03	1.80E-04	3.66E-05	8.08E-03	1.89E-01	0.00E+00	2.56E-10	3.32E-10	3.84E-05	1.01E-06	2.53E-02	0.00E+00	1.89E-01	4.85E-10	1.89E-01	2.14E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
47921909	1.13E-04	5.42E-02	9.88E-03	4.03E-02	0.00E+00	0.00E+00	5.66E-01	5.44E-07	5.22E-05	3.30E-04	0.00E+00	1.04E-03	4.33E-09	1.27E-10	6.01E-03	1.07E-04	3.50E-03	2.85E-04	7.64E-05	1.63E-02	3.79E-01	0.00E+00	5.12E-10	6.65E-10	7.69E-05	2.02E-06	5.06E-02	0.00E+00	3.79E-01	1.01E-09	3.79E-01	4.29E-01	5.06E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-03
47931909	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47941606	1.11E-04	5.36E-02	9.76E-03	3.97E-02	6.00E-15	0.00E+00	5.58E-01	5.36E-07	5.14E-05	3.25E-04	0.00E+00	1.03E-03	4.26E-09	1.25E-10	5.92E-03	1.05E-04	3.45E-03	2.77E-04	7.54E-05	1.60E-02	3.73E-01	0.00E+00	5.04E-10	6.55E-10	7.58E-05	1.98E-06	4.99E-02	0.00E+00	3.73E-01	9.97E-10	3.73E-01	4.23E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	3.01E-03
47941909	6.50E-05	3.04E-02	5.53E-03	2.32E-02	3.90E-14	0.00E+00	3.25E-01	3.12E-07	2.99E-05	1.90E-04	0.00E+00	5.84E-04	2.48E-09	7.26E-11	3.46E-03	6.16E-05	2.02E-03	1.90E-04	4.28E-05	9.32E-03	2.18E-01	0.00E+00	2.94E-10	3.83E-10	4.42E-05	1.16E-06	2.91E-02	0.00E+00	2.18E-01	5.67E-10	2.18E-01	2.47E-01	2.91E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
47951909	1.26E-04	6.01E-02	9.93E-03	5.02E-02	0.00E+00	0.00E+00	6.23E-01	6.28E-07	5.80E-05	3.70E-04	0.00E+00	1.06E-03	4.72E-09	1.41E-10	7.57E-03	1.14E-04	5.38E-03	2.07E-03	8.90E-05	2.12E-02	4.31E-01	0.00E+00	5.66E-10	7.61E-10	8.60E-05	2.35E-06	5.81E-02	0.00E+00	4.31E-01	1.10E-09	4.31E-01	4.89E-01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	3.82E-03
47958982	9.30E-05	4.22E-02	6.55E-03	3.57E-02	0.00E+00	0.00E+00	4.13E-01	4.28E-07	3.87E-05	2.50E-04	0.00E+00	7.04E-04	3.11E-09	9.44E-11	5.41E-03	7.53E-05	4.19E-03	2.07E-03	6.38E-05	1.53E-02	2.93E-01	0.00E+00	3.79E-10	5.20E-10	5.80E-05	1.64E-06	3.97E-02	0.00E+00	2.93E-01	7.62E-10	2.93E-01	3.33E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
47958989	8.23E-05	3.88E-02	6.55E-03	3.22E-02	0.00E+00	0.00E+00	4.10E-01	4.09E-07	3.81E-05	2.42E-04	0.00E+00	6.96E-04	3.11E-09	9.28E-11	4.85E-03	7.53E-05	3.32E-03	1.11E-03	5.69E-05	1.36E-02	2.81E-01	0.00E+00	3.71E-10	4.96E-10	5.63E-05	1.52E-06	3.79E-02	0.00E+00	2.81E-01	7.13E-10	2.81E-01	3.19E-01	3.79E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03
48038989	1.71E-04	1.34E-01	7.99E-02	5.38E-02	4.24E-10	0.00E+00	7.60E-01	7.39E-07	6.95E-05	5.14E-04	0.00E+00	3.20E-03	5.87E-09	1.66E-10	8.05E-03	1.89E-04	4.98E-03	4.08E-02	3.58E-04	1.55E-02	5.60E-01	0.00E+00	7.96E-10	1.01E-09	1.17E-04	3.52E-06	7.56E-02	0.00E+00	5.60E-01	2.92E-09	5.60E-01	6.35E-01	7.56E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-03
53420212	6.16E-05	2.97E-02	5.41E-03	2.20E-02	4.00E-15	0.00E+00	3.09E-01	2.97E-07	2.85E-05	1.80E-04	0.00E+00	5.71E-04	2.36E-09	6.91E-11	3.28E-03	5.84E-05	1.91E-03	1.53E-04	4.18E-05	8.87E-03	2.07E-01	0.00E+00	2.79E-10	3.63E-10	4.20E-05	1.10E-06	2.76E-02	0.00E+00	2.07E-01	5.52E-10	2.07E-01	2.34E-01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
53420216	5.47E-05	2.24E-02	4.22E-03	1.82E-02	0.00E+00	0.00E+00	2.62E-01	2.49E-07	2.41E-05	1.50E-04	0.00E+00	4.43E-04	2.01E-09	5.86E-11	2.71E-03	4.85E-05	1.50E-03	0.00E+00	3.16E-05	7.46E-03	1.73E-01	0.00E+00	2.33E-10	3.02E-10	3.51E-05	8.94E-07	2.30E-02	0.00E+00	1.73E-01	4.23E-10	1.73E-01	1.96E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
53420219	5.46E-05	2.42E-02	4.56E-03	1.97E-02	0.00E+00	0.00E+00	2.83E-01	2.69E-07	2.61E-05	1.62E-04	0.00E+00	4.79E-04	2.17E-09	6.33E-11	2.93E-03	5.24E-05	1.62E-03	0.00E+00	3.41E-05	8.06E-03	1.86E-01	0.00E+00	2.52E-10	3.26E-10	3.79E-05	9.66E-07	2.49E-02	0.00E+00	1.86E-01	4.57E-10	1.86E-01	2.11E-01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
53420409	6.59E-05	4.90E-02	2.81E-02	2.15E-02	1.41E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.96E-04	0.00E+00	1.13E-03	2.35E-09	6.68E-11	3.16E-03	6.88E-05	1.84E-03	1.39E-02	1.28E-04	6.96E-03	2.17E-01	0.00E+00	3.04E-10	3.87E-10	4.51E-05	1.31E-06	2.91E-02	0.00E+00	2.17E-01	1.06E-09	2.17E-01	2.46E-01	2.91E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
61419308	8.59E-06	3.77E-03	6.81E-04	3.07E-03	1.80E-14	0.00E+00	4.26E-02	4.11E-08	3.93E-06	2.51E-05	0.00E+00	7.22E-05	3.26E-10	9.52E-12	4.56E-04	8.15E-06	2.69E-04	3.36E-05	5.30E-06	1.22E-03	2.87E-02	0.00E+00	3.88E-11	5.05E-11	5.84E-06	1.55E-07	3.84E-03	0.00E+00	2.87E-02	7.03E-11	2.87E-02	3.25E-02	3.84E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
6147431909	6.59E-05	2.70E-02	5.09E-03	2.19E-02	0.00E+00	0.00E+00	3.16E-01	3.01E-07	2.91E-05	1.81E-04	0.00E+00	5.35E-04	2.42E-09	7.07E-11	3.27E-03	5.85E-05	1.80E-03	0.00E+00	3.81E-05	8.99E-03	2.08E-01	0.00E+00	2.81E-10	3.64E-10	4.23E-05	1.08E-06	2.78E-02	0.00E+00	2.08E-01	5.10E-10	2.08E-01	2.36E-01	2.78E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
6147438982	7.41E-05	3.29E-02	6.19E-03	2.67E-02	0.00E+00	0.00E+00	3.84E-01	3.65E-07	3.54E-05	2.20E-04	0.00E+00	6.50E-04	2.94E-09	8.59E-11	3.97E-03	7.11E-05	2.19E-03	0.00E+00	4.63E-05	1.09E-02	2.53E-01	0.00E+00	3.42E-10	4.43E-10	5.14E-05	1.31E-06	3.37E-02	0.00E+00	2.53E-01	6.20E-10	2.53E-01	2.87E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
6147438989	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
61600049	4.12E-05	3.05E-02	1.74E-02	1.35E-02	8.77E-11	0.00E+00	1.91E-01	1.85E-07	1.75E-05	1.23E-04	0.00E+00	7.07E-04	1.47E-09	4.19E-11	1.98E-03	4.30E-05	1.15E-03	8.63E-03	7.94E-05	4.39E-03	1.36E-01	0.00E+00	1.90E-10	2.42E-10	2.82E-05	8.16E-07	1.82E-02	0.00E+00	1.36E-01	6.61E-10	1.36E-01	1.54E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-03
61604049	1.01E-04	7.59E-02	4.39E-02	3.29E-02	2.21E-10	0.00E+00	4.65E-01	4.52E-07	4.27E-05	3.02E-04	0.00E+00	1.76E-03	3.60E-09	1.02E-10	4.82E-03	1.06E-04	2.81E-03	2.18E-02	1.99E-04	1.05E-02	3.33E-01	0.00E+00	4.67E-10	5.95E-10	6.92E-05	2.03E-06	4.47E-02	0.00E+00	3.33E-01	1.64E-09	3.33E-01	3.77E-01	4.47E-02	0.00E+00	0.00E+00	0.00E+00	2.76E-03
6161032045	5.06E-05	2.43E-02	4.43E-03	1.81E-02	1.00E-15	0.00E+00	2.54E-01	2.44E-07	2.34E-05	1.48E-04	0.00E+00	4.67E-04	1.94E-09	5.67E-11	2.69E-03	4.80E-05	1.57E-03	1.28E-04	3.42E-05	7.28E-03	1.70E-01	0.00E+00	2.29E-10	2.98E-10	3.45E-05	9.03E-07	2.27E-02	0.00E+00	1.70E-01	4.52E-10	1.70E-01	1.92E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03

6161032089	5.09E-05	2.44E-02	4.45E-03	1.82E-02	1.00E-15	0.00E+00	2.55E-01	2.45E-07	2.35E-05	1.49E-04	0.00E+00	4.70E-04	1.95E-09	5.71E-11	2.71E-03	4.82E-05	1.58E-03	1.29E-04	3.44E-05	7.33E-03	1.71E-01	0.00E+00	2.31E-10	3.00E-10	3.47E-05	9.09E-07	2.28E-02	0.00E+00	1.71E-01	4.55E-10	1.71E-01	1.94E-01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
6161036084	4.70E-05	2.24E-02	4.08E-03	1.68E-02	1.00E-14	0.00E+00	2.35E-01	2.26E-07	2.17E-05	1.37E-04	0.00E+00	4.30E-04	1.80E-09	5.27E-11	2.50E-03	4.46E-05	1.46E-03	1.25E-04	3.15E-05	6.76E-03	1.58E-01	0.00E+00	2.13E-10	2.77E-10	3.20E-05	8.40E-07	2.11E-02	0.00E+00	1.58E-01	4.17E-10	1.58E-01	1.79E-01	2.11E-02	0.00E+00	0.00E+00	0.00E+00	1.27E-03
6161036086	5.08E-05	2.43E-02	4.43E-03	1.82E-02	6.00E-15	0.00E+00	2.55E-01	2.45E-07	2.35E-05	1.49E-04	0.00E+00	4.67E-04	1.95E-09	5.70E-11	2.71E-03	4.82E-05	1.58E-03	1.32E-04	3.42E-05	7.31E-03	1.70E-01	0.00E+00	2.30E-10	2.99E-10	3.46E-05	9.08E-07	2.28E-02	0.00E+00	1.70E-01	4.52E-10	1.70E-01	1.93E-01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
6161036089	5.11E-05	2.45E-02	4.45E-03	1.83E-02	6.00E-15	0.00E+00	2.56E-01	2.46E-07	2.36E-05	1.49E-04	0.00E+00	4.70E-04	1.96E-09	5.73E-11	2.72E-03	4.85E-05	1.59E-03	1.33E-04	3.44E-05	7.36E-03	1.71E-01	0.00E+00	2.32E-10	3.01E-10	3.48E-05	9.13E-07	2.29E-02	0.00E+00	1.71E-01	4.55E-10	1.71E-01	1.94E-01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
6167031909	6.15E-05	2.63E-02	4.59E-03	2.17E-02	0.00E+00	0.00E+00	2.86E-01	2.81E-07	2.65E-05	1.67E-04	0.00E+00	4.86E-04	2.18E-09	6.46E-11	3.25E-03	5.27E-05	2.11E-03	5.33E-04	3.81E-05	9.05E-03	1.94E-01	0.00E+00	2.58E-10	3.41E-10	3.90E-05	1.04E-06	2.60E-02	0.00E+00	1.94E-01	4.87E-10	1.94E-01	2.20E-01	2.60E-02	0.00E+00	0.00E+00	0.00E+00	1.64E-03
6167032045	5.09E-05	2.44E-02	4.45E-03	1.82E-02	2.00E-15	0.00E+00	2.56E-01	2.46E-07	2.36E-05	1.49E-04	0.00E+00	4.70E-04	1.95E-09	5.71E-11	2.71E-03	4.83E-05	1.58E-03	1.30E-04	3.44E-05	7.34E-03	1.71E-01	0.00E+00	2.31E-10	3.00E-10	3.47E-05	9.10E-07	2.29E-02	0.00E+00	1.71E-01	4.55E-10	1.71E-01	1.94E-01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
6167032089	5.09E-05	2.44E-02	4.45E-03	1.82E-02	2.00E-15	0.00E+00	2.56E-01	2.46E-07	2.36E-05	1.49E-04	0.00E+00	4.70E-04	1.95E-09	5.71E-11	2.71E-03	4.83E-05	1.58E-03	1.30E-04	3.44E-05	7.34E-03	1.71E-01	0.00E+00	2.31E-10	3.00E-10	3.47E-05	9.10E-07	2.29E-02	0.00E+00	1.71E-01	4.55E-10	1.71E-01	1.94E-01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
6167036084	5.12E-05	2.45E-02	4.45E-03	1.83E-02	7.00E-15	0.00E+00	2.57E-01	2.47E-07	2.36E-05	1.50E-04	0.00E+00	4.70E-04	1.96E-09	5.74E-11	2.73E-03	4.85E-05	1.59E-03	1.34E-04	3.44E-05	7.36E-03	1.72E-01	0.00E+00	2.32E-10	3.02E-10	3.49E-05	9.15E-07	2.30E-02	0.00E+00	1.72E-01	4.55E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
6167036086	5.12E-05	2.45E-02	4.45E-03	1.83E-02	7.00E-15	0.00E+00	2.57E-01	2.47E-07	2.36E-05	1.50E-04	0.00E+00	4.70E-04	1.96E-09	5.74E-11	2.73E-03	4.85E-05	1.59E-03	1.34E-04	3.44E-05	7.36E-03	1.72E-01	0.00E+00	2.32E-10	3.02E-10	3.49E-05	9.15E-07	2.30E-02	0.00E+00	1.72E-01	4.55E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
6167036089	5.94E-05	2.44E-02	4.59E-03	1.98E-02	0.00E+00	0.00E+00	2.85E-01	2.71E-07	2.62E-05	1.63E-04	0.00E+00	4.82E-04	2.18E-09	6.37E-11	2.94E-03	5.27E-05	1.62E-03	0.00E+00	3.43E-05	8.10E-03	1.87E-01	0.00E+00	2.53E-10	3.28E-10	3.81E-05	9.72E-07	2.50E-02	0.00E+00	1.87E-01	4.60E-10	1.87E-01	2.12E-01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
6167038982	5.94E-05	2.44E-02	4.59E-03	1.98E-02	0.00E+00	0.00E+00	2.85E-01	2.71E-07	2.62E-05	1.63E-04	0.00E+00	4.82E-04	2.18E-09	6.37E-11	2.94E-03	5.27E-05	1.62E-03	0.00E+00	3.43E-05	8.10E-03	1.87E-01	0.00E+00	2.53E-10	3.28E-10	3.81E-05	9.72E-07	2.50E-02	0.00E+00	1.87E-01	4.60E-10	1.87E-01	2.12E-01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
6167038989	5.49E-05	2.44E-02	4.59E-03	1.98E-02	0.00E+00	0.00E+00	2.85E-01	2.71E-07	2.62E-05	1.63E-04	0.00E+00	4.82E-04	2.18E-09	6.37E-11	2.94E-03	5.27E-05	1.62E-03	0.00E+00	3.43E-05	8.10E-03	1.87E-01	0.00E+00	2.53E-10	3.28E-10	3.81E-05	9.72E-07	2.50E-02	0.00E+00	1.87E-01	4.60E-10	1.87E-01	2.12E-01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
6167157003	5.11E-05	2.45E-02	4.45E-03	1.83E-02	7.00E-15	0.00E+00	2.56E-01	2.46E-07	2.36E-05	1.50E-04	0.00E+00	4.70E-04	1.96E-09	5.73E-11	2.72E-03	4.85E-05	1.59E-03	1.33E-04	3.44E-05	7.36E-03	1.72E-01	0.00E+00	2.32E-10	3.01E-10	3.49E-05	9.14E-07	2.29E-02	0.00E+00	1.72E-01	4.55E-10	1.72E-01	1.94E-01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
6167157006	5.04E-05	2.42E-02	4.40E-03	1.80E-02	4.00E-15	0.00E+00	2.53E-01	2.43E-07	2.33E-05	1.48E-04	0.00E+00	4.65E-04	1.93E-09	5.66E-11	2.69E-03	4.78E-05	1.57E-03	1.30E-04	3.40E-05	7.26E-03	1.69E-01	0.00E+00	2.29E-10	2.97E-10	3.44E-05	9.01E-07	2.26E-02	0.00E+00	1.69E-01	4.50E-10	1.69E-01	1.92E-01	2.26E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
6167157009	5.11E-05	2.45E-02	4.45E-03	1.83E-02	5.00E-15	0.00E+00	2.56E-01	2.46E-07	2.36E-05	1.49E-04	0.00E+00	4.70E-04	1.96E-09	5.73E-11	2.72E-03	4.84E-05	1.58E-03	1.32E-04	3.44E-05	7.35E-03	1.71E-01	0.00E+00	2.31E-10	3.01E-10	3.48E-05	9.12E-07	2.29E-02	0.00E+00	1.71E-01	4.55E-10	1.71E-01	1.94E-01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
6167331404	5.11E-05	2.45E-02	4.45E-03	1.83E-02	6.00E-15	0.00E+00	2.56E-01	2.46E-07	2.36E-05	1.49E-04	0.00E+00	4.70E-04	1.96E-09	5.73E-11	2.72E-03	4.85E-05	1.59E-03	1.33E-04	3.44E-05	7.36E-03	1.71E-01	0.00E+00	2.32E-10	3.01E-10	3.48E-05	9.13E-07	2.29E-02	0.00E+00	1.71E-01	4.55E-10	1.71E-01	1.94E-01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
6167331606	5.71E-05	2.66E-02	4.59E-03	2.20E-02	0.00E+00	0.00E+00	2.87E-01	2.83E-07	2.66E-05	1.68E-04	0.00E+00	4.87E-04	2.18E-09	6.47E-11	3.31E-03	5.27E-05	2.20E-03	6.33E-04	3.88E-05	9.23E-03	1.95E-01	0.00E+00	2.59E-10	3.44E-10	3.92E-05	1.05E-06	2.62E-02	0.00E+00	1.95E-01	4.92E-10	1.95E-01	2.21E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
6167331909	5.10E-05	2.45E-02	4.45E-03	1.82E-02	4.00E-15	0.00E+00	2.56E-01	2.46E-07	2.36E-05	1.49E-04	0.00E+00	4.70E-04	1.96E-09	5.72E-11	2.72E-03	4.84E-05	1.58E-03	1.32E-04	3.44E-05	7.35E-03	1.71E-01	0.00E+00	2.31E-10	3.01E-10	3.48E-05	9.12E-07	2.29E-02	0.00E+00	1.71E-01	4.55E-10	1.71E-01	1.94E-01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
6167336086	5.12E-05	2.45E-02	4.45E-03	1.83E-02	8.00E-15	0.00E+00	2.57E-01	2.47E-07	2.37E-05	1.50E-04	0.00E+00	4.70E-04	1.96E-09	5.74E-11	2.73E-03	4.86E-05	1.59E-03	1.35E-04	3.44E-05	7.37E-03	1.72E-01	0.00E+00	2.32E-10	3.02E-10	3.49E-05	9.16E-07	2.30E-02	0.00E+00	1.72E-01	4.55E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
6167336089	4.82E-05	2.29E-02	4.18E-03	1.72E-02	1.10E-14	0.00E+00	2.41E-01	2.32E-07	2.23E-05	1.41E-04	0.00E+00	4.41E-04	1.85E-09	5.40E-11	2.57E-03	4.57E-05	1.50E-03	1.29E-04	3.23E-05	6.93E-03	1.62E-01	0.00E+00	2.18E-10	2.84E-10	3.28E-05	8.62E-07	2.16E-02	0.00E+00	1.62E-01	4.27E-10	1.62E-01	1.83E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
6647438982	5.18E-05	2.45E-02	4.45E-03	1.85E-02	2.10E-14	0.00E+00	2.59E-01	2.49E-07	2.39E-05	1.51E-04	0.00E+00	4.70E-04	1.98E-09	5.80E-11	2.76E-03	4.91E-05	1.61E-03	1.45E-04	3.44E-05	7.44E-03	1.74E-01	0.00E+00	2.35E-10	3.05E-10	3.53E-05	9.27E-07	2.32E-02	0.00E+00	1.74E-01	4.56E-10	1.74E-01	1.97E-01	2.32E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
6647438989	4.15E-05	1.84E-02	3.46E-03	1.49E-02	0.00E+00	0.00E+00	2.15E-01	2.04E-07	1.98E-05	1.23E-04	0.00E+00	3.64E-04	1.65E-09	4.81E-11	2.22E-03	3.98E-05	1.23E-03	0.00E+00	2.59E-05	6.12E-03	1.41E-01	0.00E+00	1.91E-10	2.48E-10	2.88E-05	7.34E-07	1.89E-02	0.00E+00	1.41E-01	3.47E-10	1.41E-01	1.60E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
6647761404	6.61E-05	3.20E-02	5.84E-03	2.36E-02	1.40E-14	0.00E+00	3.32E-01	3.19E-07	3.06E-05	1.93E-04	0.00E+00	6.16E-04	2.54E-09	7.42E-11	3.52E-03	6.26E-05	2.05E-03	1.57E-04	4.51E-05	9.53E-03	2.22E-01	0.00E+00	3.00E-10	3.89E-10	4.51E-05	1.18E-06	2.97E-02	0.00E+00	2.22E-01	5.96E-10	2.22E-01	2.51E-01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
6647761606	5.96E-05	2.88E-02	5.25E-03	2.13E-02	8.00E-15	0.00E+00	2.99E-01	2.87E-07	2.76E-05	1.74E-04	0.00E+00	5.54E-04	2.29E-09	6.69E-11	3.17E-03	5.65E-05	1.85E-03	1.45E-04	4.06E-05	8.59E-03	2.00E-01	0.00E+00	2.70E-10	3.51E-10	4.06E-05	1.06E-06	2.68E-02	0.00E+00	2.00E-01	5.36E-10	2.00E-01	2.27E-01	2.68E-02	0.00E+00	0.00E+00	0.00E+00	1.61E-03
6647761909	6.20E-05	3.00E-02	5.47E-03	2.22E-02	1.00E-14	0.00E+00	3.11E-01	2.99E-07	2.87E-05	1.81E-04	0.00E+00	5.77E-04	2.38E-09	6.96E-11	3.30E-03	5.88E-05	1.92E-03	1.50E-04	4.22E-05	8.94E-03	2.08E-01	0.00E+00	2.81E-10	3.65E-10	4.23E-05	1.11E-06	2.78E-02	0.00E+00	2.08E-01	5.58E-10	2.08E-01	2.36E-01	2.78E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03
6647768989	6.40E-05	3.10E-02	5.66E-03	2.29E-02	1.20E-14	0.00E+00	3.22E-01	3.09E-07	2.96E-05	1.87E-04	0.00E+00	5.97E-04	2.46E-09	7.19E-11	3.41E-03	6.07E-05	1.98E-03	1.53E-04	4.37E-05	9.23E-03	2.15E-01	0.00E+00	2.90E-10	3.77E-10	4.37E-05	1.14E-06	2.87E-02	0.00E+00	2.15E-01	5.77E-10	2.15E-01	2.44E-01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-03
6647771606	5.69E-05	2.74E-02	5.00E-03	2.03E-02	5.00E-15	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.28E-04	2.18E-09	6.38E-11	3.03E-03	5.39E-05	1.76E-03	1.40E-04	3.86E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.88E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.11E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
6647771909	6.06E-05	2.93E-02	5.35E-03	2.17E-02	9.00E-15	0.00E+00	3.04E-01	2.92E-07	2.81E-05	1.77E-04	0.00E+00	5.64E-04	2.33E-09	6.81E-11	3.23E-03	5.75E-05	1.88E-03	1.47E-04	4.13E-05	8.74E-03	2.03E-01	0.00E+00	2.75E-10	3.57E-10	4.13E-05	1.08E-06	2.72E-02	0.00E+00	2.03E-01	5.46E-10	2.03E-01	2.31E-01	2.72E-02	0.00E+00	0.00E+00	0.00E+00	1.64E-03
6647778989	5.66E-05	2.73E-02	4.97E-03	2.02E-02	5.00E-15	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.65E-04	0.00E+00	5.25E-04	2.17E-09	6.35E-11	3.01E-03	5.36E-05	1.75E-03	1.40E-04	3.84E-05	8.15E-03	1.90E-01	0.00E+00	2.56E-10	3.33E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.08E-10	1.90E-01	2.15E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
6647781909	5.55E-05	2.68E-02	4.88E-03	1.99E-02	4.00E-15	0.00E+00	2.79E-01	2.68E-07	2.57E-05	1.62E-04	0.00E+00	5.15E-04	2.13E-09	6.23E-11	2.96E-03	5.26E-05	1.72E-03	1.38E-04	3.77E-05	8.00E-03	1.86E-01	0.00E+00	2.52E-10	3.27E-10	3.79E-05	9.91E-07	2.49E-02	0.00E+00	1.86E-01	4.98E-10	1.86E-01	2.11E-01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
6647788989	8.14E-04	4.06E-01	7.43E-02	2.91E-01	7.44E-13	0.00E+00	4.11E+00	3.94E-06	3.78E-04	2.38E-03	0.00E+00	7.83E-03	3.14E-08	9.19E-10	4.34E-02	7.72E-04	2.51E-02	1.56E-03	5.73E-04	1.18E-01	2.74E+00	0.00E+00	3.70E-09	4.80E-09	5.56E-04	1.45E-05	3.66E-01	0.00E+00	2.74E+00	7.56E-09	2.74E+00	3.10E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
67412809	7.31E-05	3.65E-02	6.67E-03	2.62E-02	6.40E-14	0.00E+00	3.69E-01	3.54E-07	3.40E-05	2.14E-04	0.00E+00	7.02E-04	2.82E-09	8.25E-11	3.90E-03	6.93E-05	2.26E-03	1.41E-04	5.14E-05	1.06E-02	2.46E-01	0.00E+00	3.32E-10	4.31E-10	4.99E-05	1.30E-06	3.29E-02	0.00E+00	2.46E-01	6.78E-10	2.46E-01	2.79E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
67419405	1.58E-05	7.39E-03	1.34E-03	5.65E-03	1.10E-14	0.00E+00	7.90E-02	7.61E-08	7.29E-06	4.62E-05	0.00E+00	1.42E-04	6.04E-10	1.77E-11	8.42E-04	1.50E-05	4.92E-04	4.71E-05	1.04E-05	2.27E-03	5.30E-02	0.00E+00	7.16E-11	9.32E-11	1.08E-05	2.83E-07	7.09E-03	0.00E+00	5.30E-02	1.38E-10	5.30E-02	6.01E-02	7.09E-03	0.00E+00	0.00E+00	0.00E+00	4.29E-04
67419409	1.59E-05	7.42E-03	1.35E-03	5.67E-03	1.10E-14	0.00E+00	7.93E-02	7.63E-08	7.31E-06	4.64E-05	0.00E+00	1.42E-04	6.06E-10	1.77E-11	8.44E-04	1.51E-05	4.94E-04	4.72E-05	1.04E-05	2.28E-03	5.32E-02	0.00E+00	7.19E-11	9.35E-11	1.08E-05	2.84E-07	7.12E-03	0.00E+00	5.32E-02	1.38E-10	5.32E-02	6.03E-02	7.12E-03	0.00E+00	0.00E+00	0.00E+00	4.31E-04
6745643501	1.04E-04	7.85E-02	4.55E-02	3.39E-02	2.29E-10	0.00E+00	4.79E-01	4.65E-07	4.40E-05	3.12E-04	0.00E+00	1.82E-03	3.70E-09	1.05E-10	4.96E-03	1.09E-04	2.89E-03	2.27E-02	2.06E-04	1.08E-02	3.43E-01	0.00E+00	4.82E-10	6.14E-10	7.14E-05	2.09E-06	4.61E-02	0.00E+00	3.43E-01	1.70E-09	3.43E-01	3.89E-01	4.61E-02	0.00E+00	0.00E+00	0.00E+00	2.85E-03
6745643503	7.70E-05	5.69E-02	3.25E-02	2.51E-02	1.64E-10	0.00E+00	3.56E-01	3.46E-07	3.27E-05	2.29E-04	0.00E+00	1.32E-03	2.75E-09	7.83E-11	3.70E-03	8.02E-05	2.15E-03	1.61E-02	1.48E-04	8.20E-03	2.53E-01	0.00E+00	3.55E-10	4.53E-10	5.26E-05	1.52E-06	3.41E-02	0.00E+00	2.53E-01	1.23E-09	2.53E-01	2.87E-01	3.41E-02	0.00E+00	0.00E+00	0.00E+00	2.10E-03
6745643504	1.04E-04	7.85E-02	4.55E-02	3.39E-02	2.29E-10	0.00E+00	4.79E-01	4.65E-07	4.40E-05	3.12E-04	0.00E+00	1.82E-03	3.70E-09	1.05E-10	4.96E-03	1.09E-04	2.89E-03	2.27E-02	2.06E-04	1.08E-02	3.43E-01	0.00E+00	4.82E-10	6.14E-10	7.14E-05	2.09E-06	4.61E-02	0.00E+00	3.43E-01	1.70E-09	3.43E-01	3.89E-01	4.61E-02	0.00E+00	0.00E+00	0.00E+00	2.85E-03
6745643507	1.04E-04	7.85E-02	4.55E-02	3.39E-02	2.29E-10	0.00E+00	4.79E-01	4.65E-07	4.40E-05	3.12E-04	0.00E+00	1.82E-03	3.70E-09	1.05E-10	4.96E-03	1.09E-04	2.89E-03	2.27E-02	2.06E-04	1.08E-02	3.43E-01	0.00E+00	4.82E-10	6.14E-10	7.14E-05	2.09E-06	4.61E-02	0.00E+00	3.43E-01	1.70E-09	3.43E-01	3.89E-01	4.61E-02	0.00E+00	0.00E+00	0.00E+00	2.85E-03
6745643513	1.04E-04	7.85E-02	4.55E-02	3.39E-02	2.29E-10	0.00E+00	4.79E-01	4.65E-07	4.40E-05	3.12E-04	0.00E+00	1.82E-03	3.70E-09	1.05E-10	4.96E-03	1.09E-04	2.89E-03	2.27E-02	2.06E-04	1.08E-02	3.43E-01	0.00E+00	4.82E-10	6.14E-10	7.14E-05	2.09E-06	4.61E-02	0.00E+00	3.43E-01	1.70E-09	3.43E-01	3.89E-01	4.61E-02	0.00E+00	0.00E+00	0.00E+00	2.85E-03
6765088962	5.12E-05	2.45E-02	4.45E-03	1.83E-02	8.00E-15	0.00E+00	2.57E-01	2.47E-07	2.37E-05	1.50E-04	0.00E+00	4.70E-04	1.96E-09	5.74E-11	2.73E-03	4.86E-05	1.59E-03	1.35E-04	3.44E-05	7.37E-03	1.72E-01	0.00E+00	2.32E-10	3.02E-10	3.49E-05	9.16E-07	2.30E-02	0.00E+00	1.72E-01	4.55E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
6765091909	5.41E-05	2.54E-02	4.62E-03	1.93E-02	2.80E-14	0.00E+00	2.70E-01	2.60E-07	2.49E-05	1.58E-04	0.00E+00	4.88E-04	2.07E-09	6.05E-11	2.88E-03	5.13E-05	1.68E-03	1.55E-04	3.58E-05	7.76E-03	1.81E-01	0.00E+00	2.45E-10	3.19E-10	3.68E-05	9.69E-07	2.43E-02	0.00E+00	1.81E-01	4.74E-10	1.81E-01	2.06E-01	2.43E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
6765091913	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765091914	5.51E-05	2.60E-02	4.72E-03	1.97E-02	2.60E-14	0.00E+00	2.76E-01	2.65E-07	2.54E-05	1.61E-04	0.00E+00	4.99E-04	2.11E-09	6.17E-11	2.93E-03	5.23E-05	1.71E-03	1.57E-04	3.66E-05	7.92E-03	1.85E-01	0.00E+00	2.50E-10	3.25E-10	3.76E-05	9.87E-07	2.47E-02	0.00E+00	1.85E-01	4.84E-10	1.85E-01	2.10E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
6765092022	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765092045	6.50E-05	4.85E-02	2.80E-02	2.12E-02	1.41E-10	0.00E+00	2.99E-01	2.90E-07	2.75E-05	1.94E-04	0.00E+00	1.12E-03	2.31E-09	6.56E-11	3.10E-03	6.79E-05	1.81E-03	1.39E-02	1.27E-04	6.79E-03	2.14E-01	0.00E+00	3.00E-10	3.82E-10	4.44E-05	1.30E-06	2.87E-02	0.00E+00	2.14E-01	1.05E-09	2.14E-01	2.42E-01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
6765092089	6.61E-05	4.94E-02	2.85E-02	2.15E-02	1.43E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.97E-04	0.00E+00	1.14E-03	2.35E-09	6.67E-11	3.16E-03	6.91E-05	1.84E-03	1.42E-02	1.29E-04	6.90E-03	2.17E-01	0.00E+00	3.05E-10	3.89E-10	4.52E-05	1.32E-06	2.92E-02	0.00E+00	2.17E-01	1.07E-09	2.17E-01	2.46E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
6765096013	7.41E-05	3.55E-02	6.47E-03	2.65E-02	8.00E-15	0.00E+00	3.72E-01	3.57E-07	3.43E-05	2.17E-04	0.00E+00	6.82E-04	2.84E-09	8.31E-11	3.95E-03	7.03E-05	2.30E-03	1.92E-04	5.00E-05	1.07E-02	2.49E-01	0.00E+00	3.36E-10	4.37E-10	5.05E-05	1.33E-06	3.33E-02	0.00E+00	2.49E-01	6.61E-10	2.49E-01	2.82E-01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
6765096086	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765096089	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765097015	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765098913	6.71E-05	3.20E-02	5.82E-03	2.40E-02	1.50E-14	0.00E+00	3.36E-01	3.23E-07	3.10E-05	1.96E-04	0.00E+00	6.14E-04	2.57E-09	7.52E-11	3.57E-03	6.37E-05	2.08E-03	1.80E-04	4.50E-05	9.65E-03	2.25E-01	0.00E+00	3.04E-10	3.96E-10	4.57E-05	1.20E-06	3.01E-02	0.00E+00	2.25E-01	5.95E-10	2.25E-01	2.55E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
6765098914	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765098915	6.74E-05	3.21E-02	5.84E-03	2.41E-02	1.50E-14	0.00E+00	3.38E-01	3.25E-07	3.11E-05	1.97E-04	0.00E+00	6.17E-04	2.58E-09	7.55E-11	3.59E-03	6.39E-05	2.09E-03	1.80E-04	4.52E-05	9.69E-03	2.26E-01	0.00E+00	3.05E-10	3.97E-10	4.59E-05	1.21E-06	3.02E-02	0.00E+00	2.26E-01	5.98E-10	2.26E-01	2.56E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
6765098989	6.88E-05	3.28E-02	5.97E-03	2.46E-02	1.40E-14	0.00E+00	3.45E-01	3.31E-07	3.18E-05	2.01E-04	0.00E+00	6.30E-04	2.63E-09	7.70E-11	3.66E-03	6.52E-05	2.14E-03	1.83E-04	4.61E-05	9.89E-03	2.31E-01	0.00E+00	3.12E-10	4.05E-10	4.69E-05	1.23E-06	3.09E-02	0.00E+00	2.31E-01	6.10E-10	2.31E-01	2.61E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
6765101404	5.75E-05	2.71E-02	4.93E-03	2.06E-02	2.70E-14	0.00E+00	2.88E-01	2.77E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.44E-11	3.06E-03	5.46E-05	1.79E-03	1.64E-04	3.81E-05	8.26E-03	1.93E-01	0.00E+00	2.61E-10	3.39E-10	3.92E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765101606	5.75E-05	2.71E-02	4.93E-03	2.06E-02	2.70E-14	0.00E+00	2.88E-01	2.77E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.44E-11	3.06E-03	5.46E-05	1.79E-03	1.64E-04	3.81E-05	8.26E-03	1.93E-01	0.00E+00	2.61E-10	3.39E-10	3.92E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765101909	5.75E-05	2.71E-02	4.93E-03	2.06E-02	2.70E-14	0.00E+00	2.88E-01	2.77E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.44E-11	3.06E-03	5.46E-05	1.79E-03	1.64E-04	3.81E-05	8.26E-03	1.93E-01	0.00E+00	2.61E-10	3.39E-10	3.92E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765102045	6.62E-05	4.97E-02	2.88E-02	2.15E-02	1.45E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.98E-04	0.00E+00	1.15E-03	2.35E-09	6.67E-11	3.15E-03	6.93E-05	1.84E-03	1.43E-02	1.30E-04	6.86E-03	2.18E-01	0.00E+00	3.06E-10	3.89E-10	4.53E-05	1.33E-06	2.92E-02	0.00E+00	2.18E-01	1.07E-09	2.18E-01	2.47E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
6765102089	8.57E-05	6.50E-02	3.80E-02	2.78E-02	1.91E-10	0.00E+00	3.91E-01	3.80E-07	3.59E-05	2.56E-04	0.00E+00	1.51E-03	3.03E-09	8.55E-11	4.04E-03	8.99E-05	2.36E-03	1.90E-02	1.72E-04	8.67E-03	2.81E-01	0.00E+00	3.96E-10	5.03E-10	5.86E-05	1.73E-06	3.78E-02	0.00E+00	2.81E-01	1.40E-09	2.81E-01	3.19E-01	3.78E-02	0.00E+00	0.00E+00	0.00E+00	2.35E-03
6765106084	5.76E-05	2.71E-02	4.93E-03	2.06E-02	2.90E-14	0.00E+00	2.88E-01	2.77E-07	2.66E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.44E-11	3.07E-03	5.46E-05	1.79E-03	1.65E-04	3.81E-05	8.27E-03	1.93E-01	0.00E+00	2.61E-10	3.39E-10	3.92E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765106086	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765106089	5.76E-05	2.71E-02	4.93E-03	2.06E-02	2.90E-14	0.00E+00	2.88E-01	2.77E-07	2.66E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.44E-11	3.07E-03	5.46E-05	1.79E-03	1.65E-04	3.81E-05	8.27E-03	1.93E-01	0.00E+00	2.61E-10	3.39E-10	3.92E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765107003	5.77E-05	2.71E-02	4.93E-03	2.06E-02	3.00E-14	0.00E+00	2.88E-01	2.77E-07	2.66E-05	1.69E-04	0.00E+00	5.21E-04	2.20E-09	6.45E-11	3.07E-03	5.47E-05	1.79E-03	1.66E-04	3.82E-05	8.28E-03	1.93E-01	0.00E+00	2.61E-10	3.40E-10	3.93E-05	1.03E-06	2.59E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765107006	6.46E-05	3.06E-02	5.57E-03	2.31E-02	2.30E-14	0.00E+00	3.24E-01	3.11E-07	2.98E-05	1.89E-04	0.00E+00	5.88E-04	2.47E-09	7.24E-11	3.44E-03	6.13E-05	2.01E-03	1.79E-04	4.31E-05	9.29E-03	2.17E-01	0.00E+00	2.93E-10	3.81E-10	4.40E-05	1.16E-06	2.90E-02	0.00E+00	2.17E-01	5.70E-10	2.17E-01	2.46E-01	2.90E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-03
6765107009	6.22E-05	2.94E-02	5.35E-03	2.22E-02	2.50E-14	0.00E+00	3.11E-01	2.99E-07	2.87E-05	1.82E-04	0.00E+00	5.65E-04	2.38E-09	6.96E-11	3.31E-03	5.90E-05	1.93E-03	1.74E-04	4.14E-05	8.93E-03	2.08E-01	0.00E+00	2.82E-10	3.66E-10	4.24E-05	1.11E-06	2.79E-02	0.00E+00	2.08E-01	5.47E-10	2.08E-01	2.36E-01	2.79E-02	0.00E+00	0.00E+00	0.00E+00	1.69E-03
6765108982	5.76E-05	2.71E-02	4.93E-03	2.06E-02	2.80E-14	0.00E+00	2.88E-01	2.77E-07	2.66E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.44E-11	3.06E-03	5.46E-05	1.79E-03	1.64E-04	3.81E-05	8.27E-03	1.93E-01	0.00E+00	2.61E-10	3.39E-10	3.92E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765108989	5.75E-05	2.71E-02	4.93E-03	2.06E-02	2.70E-14	0.00E+00	2.88E-01	2.77E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.44E-11	3.06E-03	5.46E-05	1.79E-03	1.64E-04	3.81E-05	8.26E-03	1.93E-01	0.00E+00	2.61E-10	3.39E-10	3.92E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765111606	5.56E-05	2.58E-02	4.67E-03	1.99E-02	4.80E-14	0.00E+00	2.77E-01	2.67E-07	2.56E-05	1.62E-04	0.00E+00	4.94E-04	2.12E-09	6.20E-11	2.96E-03	5.27E-05	1.73E-03	1.73E-04	3.62E-05	7.96E-03	1.86E-01	0.00E+00	2.52E-10	3.27E-10	3.78E-05	9.97E-07	2.49E-02	0.00E+00	1.86E-01	4.79E-10	1.86E-01	2.11E-01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03
6765116084	1.10E-04	5.32E-02	9.70E-03	3.95E-02	5.00E-15	0.00E+00	5.54E-01	5.33E-07	5.11E-05	3.23E-04	0.00E+00	1.02E-03	4.24E-09	1.24E-10	5.88E-03	1.05E-04	3.43E-03	2.75E-04	7.49E-05	1.59E-02	3.71E-01	0.00E+00	5.01E-10	6.51E-10	7.53E-05	1.97E-06	4.96E-02	0.00E+00	3.71E-01	9.90E-10	3.71E-01	4.20E-01	4.96E-02	0.00E+00	0.00E+00	0.00E+00	2.99E-03
6765116086	2.29E-04	1.14E-01	2.08E-02	8.19E-02	1.74E-13	0.00E+00	1.15E+00	1.11E-06	1.06E-04	6.70E-04	0.00E+00	2.19E-03	8.82E-09	2.58E-10	1.22E-02	2.17E-04	7.07E-03	4.61E-04	1.60E-04	3.32E-02	7.70E-01	0.00E+00	1.04E-09	1.35E-09	1.56E-04	4.07E-06	1.03E-01	0.00E+00	7.70E-01	2.11E-09	7.70E-01	8.72E-01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	6.18E-03
6765116089	6.70E-05	3.15E-02	5.72E-03	2.39E-02	3.70E-14	0.00E+00	3.35E-01	3.22E-07	3.09E-05	1.96E-04	0.00E+00	6.04E-04	2.56E-09	7.49E-11	3.57E-03	6.35E-05	2.08E-03	1.94E-04	4.43E-05	9.61E-03	2.25E-01	0.00E+00	3.03E-10	3.95E-10	4.56E-05	1.20E-06	3.00E-02	0.00E+00	2.25E-01	5.86E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
6765117006	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
6765118989	8.24E-05	3.93E-02	7.16E-03	2.95E-02	1.50E-14	0.00E+00	4.13E-01	3.97E-07	3.81E-05	2.41E-04	0.00E+00	7.56E-04	3.16E-09	9.24E-11	4.39E-03	7.82E-05	2.56E-03	2.18E-04	5.54E-05	1.19E-02	2.76E-01	0.00E+00	3.74E-10	4.86E-10	5.62E-05	1.47E-06	3.70E-02	0.00E+00	2.76E-01	7.32E-10	2.76E-01	3.13E-01	3.70E-02	0.00E+00	0.00E+00	0.00E+00	2.23E-03
6765757003	7.00E-05	3.35E-02	6.09E-03	2.50E-02	9.00E-15	0.00E+00	3.51E-01	3.37E-07	3.23E-05	2.05E-04	0.00E+00	6.43E-04	2.68E-09	7.84E-11	3.73E-03	6.63E-05	2.17E-03	1.83E-04	4.71E-05	1.01E-02	2.35E-01	0.00E+00	3.17E-10	4.12E-10	4.77E-05	1.25E-06	3.14E-02	0.00E+00	2.35E-01	6.23E-10	2.35E-01	2.66E-01	3.14E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
6765757004	5.77E-05	2.71E-02	4.93E-03	2.06E-02	3.00E-14	0.00E+00	2.88E-01	2.77E-07	2.66E-05	1.69E-04	0.00E+00	5.21E-04	2.20E-09	6.45E-11	3.07E-03	5.47E-05	1.79E-03	1.66E-04	3.82E-05	8.28E-03	1.93E-01	0.00E+00	2.61E-10	3.40E-10	3.93E-05	1.03E-06	2.59E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6765757006	6.31E-05	3.00E-02	5.47E-03	2.25E-02	1.30E-14	0.00E+00	3.16E-01	3.04E-07	2.91E-05	1.84E-04	0.00E+00	5.77E-04	2.42E-09	7.06E-11	3.36E-03	5.98E-05	1.96E-03	1.68E-04	4.23E-05	9.07E-03	2.11E-01	0.00E+00	2.86E-10	3.72E-10	4.30E-05	1.13E-06	2.83E-02	0.00E+00	2.11E-01	5.59E-10	2.11E-01	2.40E-01	2.83E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-03
6765757009	6.74E-05	3.22E-02	5.87E-03	2.41E-02	9.00E-15	0.00E+00	3.38E-01	3.25E-07	3.11E-05	1.97E-04	0.00E+00	6.19E-04	2.58E-09	7.56E-11	3.59E-03	6.39E-05	2.09E-03	1.76E-04	4.54E-05	9.70E-03	2.26E-01	0.00E+00	3.05E-10	3.97E-10	4.59E-05	1.20E-06	3.02E-02	0.00E+00	2.26E-01	6.00E-10	2.26E-01	2.56E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
6765760062	6.59E-05	3.16E-02	5.75E-03	2.36E-02	6.00E-15	0.00E+00	3.30E-01	3.18E-07	3.05E-05	1.93E-04	0.00E+00	6.07E-04	2.53E-09	7.39E-11	3.51E-03	6.25E-05	2.05E-03	1.70E-04	4.44E-05	9.49E-03	2.21E-01	0.00E+00	2.99E-10	3.88E-10	4.49E-05	1.18E-06	2.96E-02	0.00E+00	2.21E-01	5.87E-10	2.21E-01	2.51E-01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
6765760063	6.76E-05	3.24E-02	5.90E-03	2.42E-02	6.00E-15	0.00E+00	3.39E-01	3.26E-07	3.13E-05	1.98E-04	0.00E+00	6.22E-04	2.59E-09	7.58E-11	3.60E-03	6.41E-05	2.10E-03	1.75E-04	4.56E-05	9.73E-03	2.27E-01	0.00E+00	3.06E-10	3.98E-10	4.61E-05	1.21E-06	3.03E-02	0.00E+00	2.27E-01	6.03E-10	2.27E-01	2.57E-01	3.03E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
6765761404	5.48E-05	2.60E-02	4.72E-03	1.96E-02	1.90E-14	0.00E+00	2.74E-01	2.64E-07	2.53E-05	1.60E-04	0.00E+00	4.99E-04	2.10E-09	6.13E-11	2.92E-03	5.20E-05	1.70E-03	1.51E-04	3.65E-05	7.87E-03	1.84E-01	0.00E+00	2.48E-10	3.23E-10	3.73E-05	9.80E-07	2.46E-02	0.00E+00	1.84E-01	4.83E-10	1.84E-01	2.08E-01	2.46E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03
6765761606	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
6765761909	6.87E-05	3.29E-02	6.00E-03	2.45E-02	4.00E-15	0.00E+00	3.44E-01	3.31E-07	3.17E-05	2.01E-04	0.00E+00	6.33E-04	2.63E-09	7.70E-11	3.66E-03	6.51E-05	2.13E-03	1.76E-04	4.63E-05	9.89E-03	2.30E-01	0.00E+00	3.11E-10	4.05E-10	4.68E-05	1.23E-06	3.08E-02	0.00E+00	2.30E-01	6.13E-10	2.30E-01	2.61E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
6765762045	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.55E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6765762089	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.55E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6765766084	6.59E-05	3.14E-02	5.72E-03	2.36E-02	1.40E-14	0.00E+00	3.30E-01	3.18E-07	3.05E-05	1.93E-04	0.00E+00	6.04E-04	2.53E-09	7.39E-11	3.51E-03	6.25E-05	2.05E-03	1.76E-04	4.42E-05	9.48E-03	2.21E-01	0.00E+00	2.99E-10	3.88E-10	4.49E-05	1.18E-06	2.96E-02	0.00E+00	2.21E-01	5.85E-10	2.21E-01	2.51E-01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03

6765766086	6.12E-05	2.90E-02	5.28E-03	2.19E-02	1.90E-14	0.00E+00	3.06E-01	2.95E-07	2.82E-05	1.79E-04	0.00E+00	5.58E-04	2.34E-09	6.85E-11	3.26E-03	5.80E-05	1.90E-03	1.67E-04	4.09E-05	8.79E-03	2.05E-01	0.00E+00	2.77E-10	3.60E-10	4.17E-05	1.09E-06	2.74E-02	0.00E+00	2.05E-01	5.40E-10	2.05E-01	2.33E-01	2.74E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
6765766089	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.20E-14	0.00E+00	2.87E-01	2.76E-07	2.64E-05	1.68E-04	0.00E+00	5.21E-04	2.19E-09	6.41E-11	3.05E-03	5.44E-05	1.78E-03	1.60E-04	3.81E-05	8.23E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.90E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6765768962	6.48E-05	3.09E-02	5.62E-03	2.32E-02	1.40E-14	0.00E+00	3.25E-01	3.12E-07	2.99E-05	1.89E-04	0.00E+00	5.93E-04	2.48E-09	7.26E-11	3.45E-03	6.15E-05	2.01E-03	1.73E-04	4.34E-05	9.32E-03	2.17E-01	0.00E+00	2.94E-10	3.82E-10	4.42E-05	1.16E-06	2.91E-02	0.00E+00	2.17E-01	5.75E-10	2.17E-01	2.46E-01	2.91E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
6765768963	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.10E-14	0.00E+00	2.87E-01	2.76E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.41E-11	3.05E-03	5.43E-05	1.78E-03	1.59E-04	3.81E-05	8.23E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6765768982	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.30E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.19E-09	6.42E-11	3.05E-03	5.44E-05	1.78E-03	1.60E-04	3.81E-05	8.24E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6765768989	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.30E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.19E-09	6.42E-11	3.05E-03	5.44E-05	1.78E-03	1.60E-04	3.81E-05	8.24E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6765771404	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.70E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.56E-04	3.81E-05	8.21E-03	1.91E-01	0.00E+00	2.59E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6765771606	9.01E-05	4.36E-02	7.96E-03	3.22E-02	1.50E-14	0.00E+00	4.53E-01	4.35E-07	4.17E-05	2.64E-04	0.00E+00	8.39E-04	3.46E-09	1.01E-10	4.80E-03	8.55E-05	2.79E-03	2.17E-04	6.15E-05	1.30E-02	3.03E-01	0.00E+00	4.09E-10	5.31E-10	6.15E-05	1.61E-06	4.05E-02	0.00E+00	3.03E-01	8.12E-10	3.03E-01	3.43E-01	4.05E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03
6765771909	8.17E-05	3.94E-02	7.18E-03	2.92E-02	6.00E-15	0.00E+00	4.10E-01	3.94E-07	3.78E-05	2.39E-04	0.00E+00	7.58E-04	3.14E-09	9.17E-11	4.35E-03	7.75E-05	2.53E-03	2.02E-04	5.55E-05	1.18E-02	2.74E-01	0.00E+00	3.71E-10	4.82E-10	5.57E-05	1.46E-06	3.67E-02	0.00E+00	2.74E-01	7.34E-10	2.74E-01	3.11E-01	3.67E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
6765777103	4.49E-04	2.23E-01	4.08E-02	1.61E-01	3.51E-13	0.00E+00	2.26E+00	2.17E-06	2.09E-04	1.31E-03	0.00E+00	4.30E-03	1.73E-08	5.06E-10	2.39E-02	4.26E-04	1.39E-02	8.98E-04	3.14E-04	6.50E-02	1.51E+00	0.00E+00	2.04E-09	2.65E-09	3.07E-04	7.99E-06	2.02E-01	0.00E+00	1.51E+00	4.15E-09	1.51E+00	1.71E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	1.21E-02
6765777104	6.96E-05	3.28E-02	5.97E-03	2.49E-02	3.10E-14	0.00E+00	3.48E-01	3.35E-07	3.21E-05	2.03E-04	0.00E+00	6.30E-04	2.66E-09	7.78E-11	3.70E-03	6.60E-05	2.16E-03	1.97E-04	4.62E-05	9.99E-03	2.33E-01	0.00E+00	3.15E-10	4.10E-10	4.74E-05	1.25E-06	3.12E-02	0.00E+00	2.33E-01	6.11E-10	2.33E-01	2.64E-01	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
6765777106	6.62E-05	3.14E-02	5.72E-03	2.37E-02	2.10E-14	0.00E+00	3.32E-01	3.19E-07	3.06E-05	1.94E-04	0.00E+00	6.04E-04	2.54E-09	7.42E-11	3.53E-03	6.28E-05	2.06E-03	1.81E-04	4.42E-05	9.52E-03	2.22E-01	0.00E+00	3.00E-10	3.90E-10	4.51E-05	1.18E-06	2.97E-02	0.00E+00	2.22E-01	5.85E-10	2.22E-01	2.52E-01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
6765777109	5.52E-05	2.59E-02	4.70E-03	1.97E-02	3.30E-14	0.00E+00	2.76E-01	2.66E-07	2.55E-05	1.61E-04	0.00E+00	4.97E-04	2.11E-09	6.17E-11	2.94E-03	5.24E-05	1.72E-03	1.62E-04	3.64E-05	7.92E-03	1.85E-01	0.00E+00	2.50E-10	3.25E-10	3.76E-05	9.89E-07	2.48E-02	0.00E+00	1.85E-01	4.82E-10	1.85E-01	2.10E-01	2.48E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
6765778982	5.72E-05	2.71E-02	4.93E-03	2.04E-02	1.90E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.57E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6765778989	8.32E-05	4.01E-02	7.31E-03	2.97E-02	6.00E-15	0.00E+00	4.17E-01	4.01E-07	3.85E-05	2.43E-04	0.00E+00	7.71E-04	3.19E-09	9.33E-11	4.43E-03	7.89E-05	2.58E-03	2.06E-04	5.65E-05	1.20E-02	2.79E-01	0.00E+00	3.77E-10	4.90E-10	5.67E-05	1.48E-06	3.73E-02	0.00E+00	2.79E-01	7.47E-10	2.79E-01	3.16E-01	3.73E-02	0.00E+00	0.00E+00	0.00E+00	2.25E-03
676579	6.64E-05	5.01E-02	2.91E-02	2.16E-02	1.46E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.98E-04	0.00E+00	1.16E-03	2.35E-09	6.66E-11	3.15E-03	6.96E-05	1.84E-03	1.45E-02	1.32E-04	6.81E-03	2.18E-01	0.00E+00	3.07E-10	3.90E-10	4.54E-05	1.33E-06	2.93E-02	0.00E+00	2.18E-01	1.08E-09	2.18E-01	2.47E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
67657901	6.64E-05	5.00E-02	2.91E-02	2.16E-02	1.46E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.98E-04	0.00E+00	1.16E-03	2.35E-09	6.66E-11	3.15E-03	6.95E-05	1.84E-03	1.45E-02	1.32E-04	6.82E-03	2.18E-01	0.00E+00	3.07E-10	3.90E-10	4.54E-05	1.33E-06	2.93E-02	0.00E+00	2.18E-01	1.08E-09	2.18E-01	2.47E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
6765792045	8.07E-05	6.14E-02	3.60E-02	2.62E-02	1.81E-10	0.00E+00	3.68E-01	3.58E-07	3.38E-05	2.41E-04	0.00E+00	1.42E-03	2.85E-09	8.05E-11	3.80E-03	8.48E-05	2.22E-03	1.80E-02	1.62E-04	8.14E-03	2.65E-01	0.00E+00	3.73E-10	4.74E-10	5.52E-05	1.63E-06	3.56E-02	0.00E+00	2.65E-01	1.32E-09	2.65E-01	3.00E-01	3.56E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
6765792089	6.64E-05	5.02E-02	2.92E-02	2.16E-02	1.47E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.98E-04	0.00E+00	1.16E-03	2.35E-09	6.66E-11	3.15E-03	6.96E-05	1.84E-03	1.46E-02	1.32E-04	6.80E-03	2.18E-01	0.00E+00	3.07E-10	3.90E-10	4.55E-05	1.34E-06	2.93E-02	0.00E+00	2.18E-01	1.08E-09	2.18E-01	2.47E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
6765832045	6.61E-05	4.95E-02	2.85E-02	2.15E-02	1.44E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.97E-04	0.00E+00	1.15E-03	2.35E-09	6.67E-11	3.15E-03	6.91E-05	1.84E-03	1.42E-02	1.30E-04	6.89E-03	2.17E-01	0.00E+00	3.05E-10	3.89E-10	4.52E-05	1.32E-06	2.92E-02	0.00E+00	2.17E-01	1.07E-09	2.17E-01	2.47E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
6765832089	6.61E-05	4.95E-02	2.85E-02	2.15E-02	1.44E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.97E-04	0.00E+00	1.15E-03	2.35E-09	6.67E-11	3.15E-03	6.91E-05	1.84E-03	1.42E-02	1.30E-04	6.89E-03	2.17E-01	0.00E+00	3.05E-10	3.89E-10	4.52E-05	1.32E-06	2.92E-02	0.00E+00	2.17E-01	1.07E-09	2.17E-01	2.47E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
6765836086	6.91E-05	3.29E-02	5.99E-03	2.47E-02	1.40E-14	0.00E+00	3.46E-01	3.33E-07	3.19E-05	2.02E-04	0.00E+00	6.33E-04	2.65E-09	7.74E-11	3.68E-03	6.55E-05	2.14E-03	1.84E-04	4.63E-05	9.93E-03	2.32E-01	0.00E+00	3.13E-10	4.07E-10	4.71E-05	1.23E-06	3.10E-02	0.00E+00	2.32E-01	6.13E-10	2.32E-01	2.63E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-03
6765836089	5.75E-05	2.71E-02	4.93E-03	2.06E-02	2.60E-14	0.00E+00	2.88E-01	2.77E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.63E-04	3.81E-05	8.26E-03	1.93E-01	0.00E+00	2.60E-10	3.39E-10	3.92E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6768111606	4.25E-05	1.92E-02	3.48E-03	1.52E-02	6.10E-14	0.00E+00	2.12E-01	2.04E-07	1.95E-05	1.24E-04	0.00E+00	3.68E-04	1.62E-09	4.73E-11	2.26E-03	4.04E-05	1.33E-03	1.48E-04	2.70E-05	6.07E-03	1.42E-01	0.00E+00	1.92E-10	2.50E-10	2.89E-05	7.65E-07	1.91E-02	0.00E+00	1.42E-01	3.58E-10	1.42E-01	1.61E-01	1.91E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
6768116084	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
6768116089	5.64E-05	2.62E-02	4.75E-03	2.02E-02	4.80E-14	0.00E+00	2.82E-01	2.71E-07	2.60E-05	1.65E-04	0.00E+00	5.02E-04	2.15E-09	6.29E-11	3.00E-03	5.35E-05	1.76E-03	1.74E-04	3.68E-05	8.08E-03	1.89E-01	0.00E+00	2.55E-10	3.32E-10	3.84E-05	1.01E-06	2.53E-02	0.00E+00	1.89E-01	4.87E-10	1.89E-01	2.14E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
6768117006	5.75E-05	2.67E-02	4.85E-03	2.05E-02	4.60E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.12E-04	2.19E-09	6.42E-11	3.06E-03	5.45E-05	1.79E-03	1.76E-04	3.75E-05	8.24E-03	1.93E-01	0.00E+00	2.60E-10	3.39E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	4.97E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6768118982	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
6768118989	5.84E-05	2.72E-02	4.93E-03	2.09E-02	4.60E-14	0.00E+00	2.92E-01	2.81E-07	2.69E-05	1.71E-04	0.00E+00	5.21E-04	2.23E-09	6.52E-11	3.11E-03	5.54E-05	1.82E-03	1.78E-04	3.82E-05	8.37E-03	1.96E-01	0.00E+00	2.64E-10	3.44E-10	3.97E-05	1.05E-06	2.62E-02	0.00E+00	1.96E-01	5.06E-10	1.96E-01	2.22E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
6768757003	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.10E-14	0.00E+00	2.87E-01	2.76E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.41E-11	3.05E-03	5.43E-05	1.78E-03	1.59E-04	3.81E-05	8.23E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6768757004	5.75E-05	2.71E-02	4.93E-03	2.05E-02	2.60E-14	0.00E+00	2.88E-01	2.77E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.39E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6768757006	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.50E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.40E-05	1.77E-03	1.54E-04	3.81E-05	8.19E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
6768757009	5.70E-05	2.71E-02	4.93E-03	2.04E-02	1.60E-14	0.00E+00	2.86E-01	2.75E-07	2.63E-05	1.67E-04	0.00E+00	5.21E-04	2.18E-09	6.38E-11	3.03E-03	5.41E-05	1.77E-03	1.54E-04	3.81E-05	8.20E-03	1.91E-01	0.00E+00	2.58E-10	3.36E-10	3.88E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
6768760062	5.72E-05	2.71E-02	4.93E-03	2.05E-02	2.10E-14	0.00E+00	2.87E-01	2.76E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.41E-11	3.05E-03	5.43E-05	1.78E-03	1.58E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6768760063	3.85E-04	1.91E-01	3.50E-02	1.38E-01	3.07E-13	0.00E+00	1.94E+00	1.86E-06	1.79E-04	1.13E-03	0.00E+00	3.69E-03	1.48E-08	4.34E-10	2.05E-02	3.65E-04	1.19E-02	7.66E-04	2.70E-04	5.58E-02	1.30E+00	0.00E+00	1.75E-09	2.27E-09	2.63E-04	6.86E-06	1.73E-01	0.00E+00	1.30E+00	3.56E-09	1.30E+00	1.47E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-02
6768761404	5.05E-05	2.39E-02	4.35E-03	1.81E-02	1.90E-14	0.00E+00	2.53E-01	2.43E-07	2.33E-05	1.48E-04	0.00E+00	4.59E-04	1.93E-09	5.66E-11	2.69E-03	4.79E-05	1.57E-03	1.40E-04	3.37E-05	7.26E-03	1.69E-01	0.00E+00	2.29E-10	2.98E-10	3.44E-05	9.04E-07	2.27E-02	0.00E+00	1.69E-01	4.45E-10	1.69E-01	1.92E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
6768761606	6.27E-05	3.00E-02	5.47E-03	2.24E-02	7.00E-15	0.00E+00	3.15E-01	3.02E-07	2.90E-05	1.83E-04	0.00E+00	5.77E-04	2.41E-09	7.03E-11	3.34E-03	5.95E-05	1.95E-03	1.63E-04	4.23E-05	9.03E-03	2.10E-01	0.00E+00	2.84E-10	3.70E-10	4.28E-05	1.12E-06	2.82E-02	0.00E+00	2.10E-01	5.59E-10	2.10E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.70E-03
6768761909	5.69E-05	2.71E-02	4.93E-03	2.03E-02	1.20E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.77E-03	1.52E-04	3.81E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
6768762045	6.95E-05	3.34E-02	6.09E-03	2.49E-02	0.00E+00	0.00E+00	3.49E-01	3.35E-07	3.22E-05	2.03E-04	0.00E+00	6.43E-04	2.67E-09	7.80E-11	3.70E-03	6.59E-05	2.16E-03	1.75E-04	4.71E-05	1.00E-02	2.33E-01	0.00E+00	3.15E-10	4.10E-10	4.74E-05	1.24E-06	3.12E-02	0.00E+00	2.33E-01	6.22E-10	2.33E-01	2.65E-01	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.88E-03
6768762089	5.69E-05	2.71E-02	4.93E-03	2.03E-02	1.20E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.21E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.77E-03	1.52E-04	3.81E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
6768766012	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.20E-14	0.00E+00	2.87E-01	2.76E-07	2.64E-05	1.68E-04	0.00E+00	5.21E-04	2.19E-09	6.41E-11	3.05E-03	5.44E-05	1.78E-03	1.60E-04	3.81E-05	8.23E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.90E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6768766086	5.35E-05	2.53E-02	4.60E-03	1.91E-02	2.30E-14	0.00E+00	2.68E-01	2.58E-07	2.47E-05	1.57E-04	0.00E+00	4.86E-04	2.05E-09	5.99E-11	2.85E-03	5.08E-05	1.66E-03	1.50E-04	3.56E-05	7.69E-03	1.80E-01	0.00E+00	2.43E-10	3.15E-10	3.65E-05	9.58E-07	2.40E-02	0.00E+00	1.80E-01	4.71E-10	1.80E-01	2.04E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
6768766089	5.72E-05	2.71E-02	4.93E-03	2.04E-02	1.90E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.57E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6768768962	6.57E-05	3.14E-02	5.72E-03	2.35E-02	1.00E-14	0.00E+00	3.29E-01	3.17E-07	3.04E-05	1.92E-04	0.00E+00	6.04E-04	2.52E-09	7.37E-11	3.50E-03	6.23E-05	2.04E-03	1.72E-04	4.42E-05	9.46E-03	2.20E-01	0.00E+00	2.98E-10	3.87E-10	4.48E-05	1.17E-06	2.95E-02	0.00E+00	2.20E-01	5.85E-10	2.20E-01	2.50E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
6768768982	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.80E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.56E-04	3.81E-05	8.21E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6768768989	7.67E-05	3.40E-02	6.40E-03	2.76E-02	0.00E+00	0.00E+00	3.98E-01	3.78E-07	3.66E-05	2.28E-04	0.00E+00	6.72E-04	3.04E-09	8.89E-11	4.11E-03	7.36E-05	2.27E-03	0.00E+00	4.79E-05	1.13E-02	2.62E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.36E-06	3.49E-02	0.00E+00	2.62E-01	6.42E-10	2.62E-01	2.97E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
6768771404	7.93E-05	3.82E-02	6.96E-03	2.83E-02	4.00E-15	0.00E+00	3.98E-01	3.82E-07	3.67E-05	2.32E-04	0.00E+00	7.35E-04	3.04E-09	8.90E-11	4.22E-03	7.52E-05	2.46E-03	1.97E-04	5.38E-05	1.14E-02	2.66E-01	0.00E+00	3.59E-10	4.67E-10	5.41E-05	1.42E-06	3.56E-02	0.00E+00	2.66E-01	7.11E-10	2.66E-01	3.02E-01	3.56E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-03
6768771606	7.28E-05	3.50E-02	6.37E-03	2.60E-02	1.00E-15	0.00E+00	3.65E-01	3.51E-07	3.37E-05	2.13E-04	0.00E+00	6.72E-04	2.79E-09	8.16E-11	3.88E-03	6.90E-05	2.26E-03	1.84E-04	4.92E-05	1.05E-02	2.44E-01	0.00E+00	3.30E-10	4.29E-10	4.96E-05	1.30E-06	3.27E-02	0.00E+00	2.44E-01	6.51E-10	2.44E-01	2.77E-01	3.27E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
6768771909	7.15E-05	3.43E-02	6.24E-03	2.56E-02	5.00E-15	0.00E+00	3.58E-01	3.45E-07	3.30E-05	2.09E-04	0.00E+00	6.59E-04	2.74E-09	8.02E-11	3.81E-03	6.78E-05	2.22E-03	1.84E-04	4.82E-05	1.03E-02	2.40E-01	0.00E+00	3.24E-10	4.21E-10	4.87E-05	1.28E-06	3.21E-02	0.00E+00	2.40E-01	6.38E-10	2.40E-01	2.72E-01	3.21E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03
6768772089	6.37E-05	3.03E-02	5.52E-03	2.28E-02	1.40E-14	0.00E+00	3.19E-01	3.07E-07	2.94E-05	1.86E-04	0.00E+00	5.83E-04	2.44E-09	7.13E-11	3.39E-03	6.04E-05	1.98E-03	1.70E-04	4.27E-05	9.16E-03	2.14E-01	0.00E+00	2.89E-10	3.75E-10	4.34E-05	1.14E-06	2.86E-02	0.00E+00	2.14E-01	5.64E-10	2.14E-01	2.42E-01	2.86E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03
6768776084	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.20E-14	0.00E+00	2.87E-01	2.76E-07	2.64E-05	1.68E-04	0.00E+00	5.21E-04	2.19E-09	6.41E-11	3.05E-03	5.44E-05	1.78E-03	1.60E-04	3.81E-05	8.23E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.90E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6768776086	6.32E-05	3.01E-02	5.47E-03	2.26E-02	1.70E-14	0.00E+00	3.17E-01	3.04E-07	2.92E-05	1.85E-04	0.00E+00	5.78E-04	2.42E-09	7.08E-11	3.37E-03	5.99E-05	1.96E-03	1.71E-04	4.23E-05	9.09E-03	2.12E-01	0.00E+00	2.86E-10	3.72E-10	4.31E-05	1.13E-06	2.84E-02	0.00E+00	2.12E-01	5.59E-10	2.12E-01	2.40E-01	2.84E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-03
6768776089	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.20E-14	0.00E+00	2.87E-01	2.76E-07	2.64E-05	1.68E-04	0.00E+00	5.21E-04	2.19E-09	6.41E-11	3.05E-03	5.44E-05	1.78E-03	1.60E-04	3.81E-05	8.23E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.90E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6768777103	5.27E-05	2.46E-02	4.48E-03	1.88E-02	3.50E-14	0.00E+00	2.63E-01	2.54E-07	2.43E-05	1.54E-04	0.00E+00	4.73E-04	2.01E-09	5.89E-11	2.81E-03	5.00E-05	1.64E-03	1.57E-04	3.46E-05	7.56E-03	1.77E-01	0.00E+00	2.39E-10	3.11E-10	3.59E-05	9.45E-07	2.36E-02	0.00E+00	1.77E-01	4.59E-10	1.77E-01	2.00E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
6768777104	7.21E-05	3.42E-02	6.22E-03	2.58E-02	2.40E-14	0.00E+00	3.61E-01	3.47E-07	3.33E-05	2.11E-04	0.00E+00	6.56E-04	2.76E-09	8.07E-11	3.84E-03	6.84E-05	2.24E-03	1.98E-04	4.81E-05	1.04E-02	2.42E-01	0.00E+00	3.27E-10	4.25E-10	4.91E-05	1.29E-06	3.23E-02	0.00E+00	2.42E-01	6.36E-10	2.42E-01	2.74E-01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03
6768777106	5.75E-05	2.71E-02	4.93E-03	2.05E-02	2.60E-14	0.00E+00	2.88E-01	2.77E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.39E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6768777109	5.74E-05	2.71E-02	4.93E-03	2.05E-02	2.50E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.43E-11	3.06E-03	5.45E-05	1.79E-03	1.62E-04	3.81E-05	8.25E-03	1.93E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6768778982	5.72E-05	2.71E-02	4.93E-03	2.04E-02	1.90E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.57E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
6768778989	7.31E-05	3.51E-02	6.39E-03	2.61E-02	3.00E-15	0.00E+00	3.66E-01	3.52E-07	3.38E-05	2.14E-04	0.00E+00	6.74E-04	2.80E-09	8.20E-11	3.89E-03	6.93E-05	2.27E-03	1.86E-04	4.94E-05	1.05E-02	2.45E-01	0.00E+00	3.31E-10	4.31E-10	4.98E-05	1.31E-06	3.28E-02	0.00E+00	2.45E-01	6.53E-10	2.45E-01	2.78E-01	3.28E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03
676879	7.41E-05	3.29E-02	6.19E-03	2.67E-02	0.00E+00	0.00E+00	3.84E-01	3.65E-07	3.54E-05	2.20E-04	0.00E+00	6.50E-04	2.94E-09	8.59E-11	3.97E-03	7.11E-05	2.19E-03	0.00E+00	4.63E-05	1.09E-02	2.53E-01	0.00E+00	3.42E-10	4.43E-10	5.14E-05	1.31E-06	3.37E-02	0.00E+00	2.53E-01	6.20E-10	2.53E-01	2.87E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
67687901	7.41E-05	3.29E-02	6.19E-03	2.67E-02	0.00E+00	0.00E+00	3.84E-01	3.65E-07	3.54E-05	2.20E-04	0.00E+00	6.50E-04	2.94E-09	8.59E-11	3.97E-03	7.11E-05	2.19E-03	0.00E+00	4.63E-05	1.09E-02	2.53E-01	0.00E+00	3.42E-10	4.43E-10	5.14E-05	1.31E-06	3.37E-02	0.00E+00	2.53E-01	6.20E-10	2.53E-01	2.87E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
6768792045	6.65E-05	5.03E-02	2.94E-02	2.16E-02	1.48E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.99E-04	0.00E+00	1.17E-03	2.35E-09	6.66E-11	3.15E-03	6.98E-05	1.84E-03	1.46E-02	1.33E-04	6.78E-03	2.18E-01	0.00E+00	3.07E-10	3.91E-10	4.55E-05	1.34E-06	2.93E-02	0.00E+00	2.18E-01	1.09E-09	2.18E-01	2.48E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
6768792089	6.65E-05	5.03E-02	2.94E-02	2.16E-02	1.48E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.99E-04	0.00E+00	1.17E-03	2.35E-09	6.66E-11	3.15E-03	6.98E-05	1.84E-03	1.46E-02	1.33E-04	6.78E-03	2.18E-01	0.00E+00	3.07E-10	3.91E-10	4.55E-05	1.34E-06	2.93E-02	0.00E+00	2.18E-01	1.09E-09	2.18E-01	2.48E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
6768803512	6.57E-05	4.98E-02	2.90E-02	2.13E-02	1.46E-10	0.00E+00	3.00E-01	2.92E-07	2.76E-05	1.96E-04	0.00E+00	1.15E-03	2.32E-09	6.57E-11	3.11E-03	6.89E-05	1.81E-03	1.45E-02	1.31E-04	6.68E-03	2.16E-01	0.00E+00	3.04E-10	3.86E-10	4.50E-05	1.32E-06	2.90E-02	0.00E+00	2.16E-01	1.07E-09	2.16E-01	2.45E-01	2.90E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
6768803515	6.64E-05	2.94E-02	5.54E-03	2.39E-02	0.00E+00	0.00E+00	3.44E-01	3.27E-07	3.17E-05	1.97E-04	0.00E+00	5.82E-04	2.63E-09	7.69E-11	3.55E-03	6.37E-05	1.96E-03	0.00E+00	4.15E-05	9.79E-03	2.26E-01	0.00E+00	3.06E-10	3.96E-10	4.60E-05	1.17E-06	3.02E-02	0.00E+00	2.26E-01	5.55E-10	2.26E-01	2.57E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
6768803522	1.06E-04	8.13E-02	4.81E-02	3.41E-02	2.42E-10	0.00E+00	4.79E-01	4.65E-07	4.40E-05	3.16E-04	0.00E+00	1.88E-03	3.71E-09	1.04E-10	4.93E-03	1.11E-04	2.89E-03	2.41E-02	2.16E-04	1.04E-02	3.46E-01	0.00E+00	4.89E-10	6.21E-10	7.23E-05	2.16E-06	4.65E-02	0.00E+00	3.46E-01	1.75E-09	3.46E-01	3.92E-01	4.65E-02	0.00E+00	0.00E+00	0.00E+00	2.90E-03
6768803525	1.06E-04	8.11E-02	4.80E-02	3.41E-02	2.41E-10	0.00E+00	4.79E-01	4.65E-07	4.40E-05	3.16E-04	0.00E+00	1.88E-03	3.71E-09	1.04E-10	4.93E-03	1.11E-04	2.89E-03	2.41E-02	2.16E-04	1.04E-02	3.46E-01	0.00E+00	4.89E-10	6.20E-10	7.23E-05	2.15E-06	4.65E-02	0.00E+00	3.46E-01	1.75E-09	3.46E-01	3.92E-01	4.65E-02	0.00E+00	0.00E+00	0.00E+00	2.90E-03
6768813512	9.07E-05	6.77E-02	3.90E-02	2.95E-02	1.96E-10	0.00E+00	4.18E-01	4.05E-07	3.83E-05	2.70E-04	0.00E+00	1.57E-03	3.23E-09	9.16E-11	4.33E-03	9.48E-05	2.52E-03	1.94E-02	1.77E-04	9.49E-03	2.98E-01	0.00E+00	4.19E-10	5.33E-10	6.20E-05	1.81E-06	4.01E-02	0.00E+00	2.98E-01	1.47E-09	2.98E-01	3.38E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	2.47E-03
6768813515	7.14E-05	3.17E-02	5.97E-03	2.57E-02	0.00E+00	0.00E+00	3.71E-01	3.52E-07	3.41E-05	2.12E-04	0.00E+00	6.26E-04	2.83E-09	8.28E-11	3.83E-03	6.85E-05	2.11E-03	0.00E+00	4.46E-05	1.05E-02	2.44E-01	0.00E+00	3.29E-10	4.27E-10	4.95E-05	1.26E-06	3.25E-02	0.00E+00	2.44E-01	5.98E-10	2.44E-01	2.76E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
6768813522	8.31E-05	6.17E-02	3.54E-02	2.71E-02	1.78E-10	0.00E+00	3.84E-01	3.72E-07	3.52E-05	2.48E-04	0.00E+00	1.43E-03	2.96E-09	8.42E-11	3.98E-03	8.67E-05	2.32E-03	1.76E-02	1.61E-04	8.77E-03	2.73E-01	0.00E+00	3.83E-10	4.88E-10	5.68E-05	1.65E-06	3.67E-02	0.00E+00	2.73E-01	1.34E-09	2.73E-01	3.10E-01	3.67E-02	0.00E+00	0.00E+00	0.00E+00	2.26E-03
6768813525	7.63E-05	5.64E-02	3.22E-02	2.49E-02	1.62E-10	0.00E+00	3.53E-01	3.43E-07	3.24E-05	2.27E-04	0.00E+00	1.31E-03	2.73E-09	7.76E-11	3.67E-03	7.95E-05	2.13E-03	1.59E-02	1.47E-04	8.14E-03	2.51E-01	0.00E+00	3.52E-10	4.49E-10	5.22E-05	1.51E-06	3.38E-02	0.00E+00	2.51E-01	1.22E-09	2.51E-01	2.85E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
6768823512	1.95E-04	1.47E-01	8.54E-02	6.35E-02	4.30E-10	0.00E+00	8.97E-01	8.70E-07	8.23E-05	5.83E-04	0.00E+00	3.41E-03	6.93E-09	1.96E-10	9.28E-03	2.05E-04	5.42E-03	4.25E-02	3.87E-04	2.01E-02	6.42E-01	0.00E+00	9.03E-10	1.15E-09	1.34E-04	3.92E-06	8.63E-02	0.00E+00	6.42E-01	3.18E-09	6.42E-01	7.28E-01	8.63E-02	0.00E+00	0.00E+00	0.00E+00	5.34E-03
6768823515	1.42E-04	6.28E-02	1.18E-02	5.10E-02	0.00E+00	0.00E+00	7.34E-01	6.98E-07	6.76E-05	4.20E-04	0.00E+00	1.24E-03	5.61E-09	1.64E-10	7.58E-03	1.36E-04	4.19E-03	0.00E+00	8.84E-05	2.09E-02	4.83E-01	0.00E+00	6.53E-10	8.45E-10	9.82E-05	2.50E-06	6.44E-02	0.00E+00	4.83E-01	1.18E-09	4.83E-01	5.47E-01	6.44E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
6768823522	1.82E-04	1.36E-01	7.89E-02	5.91E-02	3.97E-10	0.00E+00	8.35E-01	8.11E-07	7.67E-05	5.42E-04	0.00E+00	3.16E-03	6.46E-09	1.83E-10	8.65E-03	1.90E-04	5.05E-03	3.92E-02	3.58E-04	1.89E-02	5.97E-01	0.00E+00	8.39E-10	1.07E-09	1.24E-04	3.64E-06	8.03E-02	0.00E+00	5.97E-01	2.95E-09	5.97E-01	6.77E-01	8.03E-02	0.00E+00	0.00E+00	0.00E+00	4.96E-03
6768823525	1.42E-04	6.28E-02	1.18E-02	5.10E-02	0.00E+00	0.00E+00	7.34E-01	6.98E-07	6.76E-05	4.20E-04	0.00E+00	1.24E-03	5.61E-09	1.64E-10	7.58E-03	1.36E-04	4.19E-03	0.00E+00	8.84E-05	2.09E-02	4.83E-01	0.00E+00	6.53E-10	8.45E-10	9.82E-05	2.50E-06	6.44E-02	0.00E+00	4.83E-01	1.18E-09	4.83E-01	5.47E-01	6.44E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
6768833512	1.49E-04	6.79E-02	1.23E-02	5.33E-02	1.93E-13	0.00E+00	7.43E-01	7.16E-07	6.86E-05	4.36E-04	0.00E+00	1.30E-03	5.68E-09	1.66E-10	7.94E-03	1.42E-04	4.66E-03	5.07E-04	9.54E-05	2.13E-02	5.00E-01	0.00E+00	6.75E-10	8.79E-10	1.02E-04	2.68E-06	6.69E-02	0.00E+00	5.00E-01	1.26E-09	5.00E-01	5.67E-01	6.69E-02	0.00E+00	0.00E+00	0.00E+00	4.06E-03
6768833515	1.49E-04	6.79E-02	1.23E-02	5.33E-02	1.93E-13	0.00E+00	7.43E-01	7.16E-07	6.86E-05	4.36E-04	0.00E+00	1.30E-03	5.68E-09	1.66E-10	7.94E-03	1.42E-04	4.66E-03	5.07E-04	9.54E-05	2.13E-02	5.00E-01	0.00E+00	6.75E-10	8.79E-10	1.02E-04	2.68E-06	6.69E-02	0.00E+00	5.00E-01	1.26E-09	5.00E-01	5.67E-01	6.69E-02	0.00E+00	0.00E+00	0.00E+00	4.06E-03
714134	4.07E-05	1.81E-02	3.40E-03	1.47E-02	0.00E+00	0.00E+00	2.11E-01	2.01E-07	1.94E-05	1.21E-04	0.00E+00	3.57E-04	1.62E-09	4.72E-11	2.18E-03	3.91E-05	1.21E-03	0.00E+00	2.54E-05	6.01E-03	1.39E-01	0.00E+00	1.88E-10	2.43E-10	2.83E-05	7.21E-07	1.85E-02	0.00E+00	1.39E-01	3.41E-10	1.39E-01	1.58E-01	1.85E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
7341231404	5.68E-05	2.71E-02	4.93E-03	2.03E-02	1.00E-14	0.00E+00	2.84E-01	2.73E-07	2.62E-05	1.66E-04	0.00E+00	5.20E-04	2.17E-09	6.36E-11	3.02E-03	5.38E-05	1.76E-03	1.50E-04	3.81E-05	8.17E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.87E-05	1.01E-06	2.55E-02	0.00E+00	1.90E-01	5.04E-10	1.90E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
7341231606	6.69E-05	2.74E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.45E-09	7.17E-11	3.31E-03	5.94E-05	1.83E-03	0.00E+00	3.86E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.09E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
7341231909	8.29E-05	3.40E-02	6.40E-03	2.76E-02	0.00E+00	0.00E+00	3.98E-01	3.78E-07	3.66E-05	2.28E-04	0.00E+00	6.72E-04	3.04E-09	8.89E-11	4.11E-03	7.36E-05	2.27E-03	0.00E+00	4.79E-05	1.13E-02	2.62E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.36E-06	3.49E-02	0.00E+00	2.62E-01	6.42E-10	2.62E-01	2.97E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
7341231914	8.33E-05	3.41E-02	6.43E-03	2.77E-02	0.00E+00	0.00E+00	3.99E-01	3.80E-07	3.67E-05	2.28E-04	0.00E+00	6.75E-04	3.05E-09	8.92E-11	4.12E-03	7.39E-05	2.28E-03	0.00E+00	4.81E-05	1.14E-02	2.63E-01	0.00E+00	3.55E-10	4.60E-10	5.34E-05	1.36E-06	3.50E-02	0.00E+00	2.63E-01	6.44E-10	2.63E-01	2.98E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
7341232045	6.18E-05	2.95E-02	5.38E-03	2.21E-02	9.00E-15	0.00E+00	3.10E-01	2.98E-07	2.86E-05	1.81E-04	0.00E+00	5.67E-04	2.37E-09	6.93E-11	3.29E-03	5.86E-05	1.92E-03	1.62E-04	4.16E-05	8.89E-03	2.07E-01	0.00E+00	2.80E-10	3.64E-10	4.21E-05	1.10E-06	2.77E-02	0.00E+00	2.07E-01	5.50E-10	2.07E-01	2.35E-01	2.77E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
7341232089	8.29E-05	3.40E-02	6.40E-03	2.76E-02	0.00E+00	0.00E+00	3.98E-01	3.78E-07	3.66E-05	2.28E-04	0.00E+00	6.72E-04	3.04E-09	8.89E-11	4.11E-03	7.36E-05	2.27E-03	0.00E+00	4.79E-05	1.13E-02	2.62E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.36E-06	3.49E-02	0.00E+00	2.62E-01	6.42E-10	2.62E-01	2.97E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
7341236014	7.70E-05	3.41E-02	6.43E-03	2.77E-02	0.00E+00	0.00E+00	3.99E-01	3.80E-07	3.67E-05	2.28E-04	0.00E+00	6.75E-04	3.05E-09	8.92E-11	4.12E-03	7.39E-05	2.28E-03	0.00E+00	4.81E-05	1.14E-02	2.63E-01	0.00E+00	3.55E-10	4.60E-10	5.34E-05	1.36E-06	3.50E-02	0.00E+00	2.63E-01	6.44E-10	2.63E-01	2.98E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03

7341236084	5.72E-05	2.71E-02	4.93E-03	2.04E-02	2.00E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.58E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
7341236086	7.67E-05	3.40E-02	6.40E-03	2.76E-02	0.00E+00	0.00E+00	3.98E-01	3.78E-07	3.66E-05	2.28E-04	0.00E+00	6.72E-04	3.04E-09	8.89E-11	4.11E-03	7.36E-05	2.27E-03	0.00E+00	4.79E-05	1.13E-02	2.62E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.36E-06	3.49E-02	0.00E+00	2.62E-01	6.42E-10	2.62E-01	2.97E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
7341236089	7.67E-05	3.40E-02	6.40E-03	2.76E-02	0.00E+00	0.00E+00	3.98E-01	3.78E-07	3.66E-05	2.28E-04	0.00E+00	6.72E-04	3.04E-09	8.89E-11	4.11E-03	7.36E-05	2.27E-03	0.00E+00	4.79E-05	1.13E-02	2.62E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.36E-06	3.49E-02	0.00E+00	2.62E-01	6.42E-10	2.62E-01	2.97E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
7341238982	5.72E-05	2.71E-02	4.93E-03	2.04E-02	2.00E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.40E-11	3.04E-03	5.42E-05	1.78E-03	1.58E-04	3.81E-05	8.22E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.04E-10	1.92E-01	2.17E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
7341238989	7.67E-05	3.40E-02	6.40E-03	2.76E-02	0.00E+00	0.00E+00	3.98E-01	3.78E-07	3.66E-05	2.28E-04	0.00E+00	6.72E-04	3.04E-09	8.89E-11	4.11E-03	7.36E-05	2.27E-03	0.00E+00	4.79E-05	1.13E-02	2.62E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.36E-06	3.49E-02	0.00E+00	2.62E-01	6.42E-10	2.62E-01	2.97E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
7341251404	2.84E-04	1.42E-01	2.60E-02	1.02E-01	2.68E-13	0.00E+00	1.43E+00	1.38E-06	1.32E-04	8.32E-04	0.00E+00	2.74E-03	1.10E-08	3.21E-10	1.52E-02	2.70E-04	8.77E-03	5.38E-04	2.00E-04	4.12E-02	9.56E-01	0.00E+00	1.29E-09	1.68E-09	1.94E-04	5.05E-06	1.28E-01	0.00E+00	9.56E-01	2.64E-09	9.56E-01	1.08E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	7.67E-03
7341251606	8.27E-05	3.51E-02	6.19E-03	2.90E-02	0.00E+00	0.00E+00	3.86E-01	3.78E-07	3.58E-05	2.25E-04	0.00E+00	6.55E-04	2.94E-09	8.70E-11	4.34E-03	7.11E-05	2.76E-03	6.33E-04	5.08E-05	1.21E-02	2.61E-01	0.00E+00	3.47E-10	4.58E-10	5.25E-05	1.39E-06	3.50E-02	0.00E+00	2.61E-01	6.53E-10	2.61E-01	2.96E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
7341251909	8.88E-05	4.30E-02	7.83E-03	3.17E-02	1.40E-14	0.00E+00	4.46E-01	4.28E-07	4.11E-05	2.60E-04	0.00E+00	8.26E-04	3.41E-09	9.97E-11	4.73E-03	8.42E-05	2.75E-03	2.15E-04	6.05E-05	1.28E-02	2.98E-01	0.00E+00	4.03E-10	5.23E-10	6.05E-05	1.58E-06	3.99E-02	0.00E+00	2.98E-01	8.00E-10	2.98E-01	3.38E-01	3.99E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
7341258982	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.70E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.56E-04	3.81E-05	8.21E-03	1.91E-01	0.00E+00	2.59E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
7341258989	8.27E-05	3.51E-02	6.19E-03	2.90E-02	0.00E+00	0.00E+00	3.86E-01	3.78E-07	3.58E-05	2.25E-04	0.00E+00	6.55E-04	2.94E-09	8.70E-11	4.34E-03	7.11E-05	2.76E-03	6.33E-04	5.08E-05	1.21E-02	2.61E-01	0.00E+00	3.47E-10	4.58E-10	5.25E-05	1.39E-06	3.50E-02	0.00E+00	2.61E-01	6.53E-10	2.61E-01	2.96E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
7341357003	5.43E-05	2.70E-02	4.93E-03	1.94E-02	4.40E-14	0.00E+00	2.74E-01	2.62E-07	2.52E-05	1.59E-04	0.00E+00	5.20E-04	2.09E-09	6.12E-11	2.89E-03	5.15E-05	1.68E-03	1.08E-04	3.80E-05	7.86E-03	1.82E-01	0.00E+00	2.46E-10	3.20E-10	3.70E-05	9.65E-07	2.44E-02	0.00E+00	1.82E-01	5.02E-10	1.82E-01	2.07E-01	2.44E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
7341357004	5.75E-05	2.71E-02	4.93E-03	2.06E-02	2.70E-14	0.00E+00	2.88E-01	2.77E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.20E-09	6.44E-11	3.06E-03	5.46E-05	1.79E-03	1.64E-04	3.81E-05	8.26E-03	1.93E-01	0.00E+00	2.61E-10	3.39E-10	3.92E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	5.05E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
7341357006	7.60E-05	3.37E-02	6.35E-03	2.74E-02	0.00E+00	0.00E+00	3.94E-01	3.75E-07	3.63E-05	2.25E-04	0.00E+00	6.66E-04	3.01E-09	8.81E-11	4.07E-03	7.29E-05	2.25E-03	0.00E+00	4.75E-05	1.12E-02	2.59E-01	0.00E+00	3.51E-10	4.54E-10	5.27E-05	1.34E-06	3.46E-02	0.00E+00	2.59E-01	6.36E-10	2.59E-01	2.94E-01	3.46E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
7341357009	7.59E-05	3.37E-02	6.34E-03	2.73E-02	0.00E+00	0.00E+00	3.94E-01	3.74E-07	3.62E-05	2.25E-04	0.00E+00	6.66E-04	3.01E-09	8.80E-11	4.07E-03	7.28E-05	2.25E-03	0.00E+00	4.74E-05	1.12E-02	2.59E-01	0.00E+00	3.50E-10	4.53E-10	5.26E-05	1.34E-06	3.46E-02	0.00E+00	2.59E-01	6.35E-10	2.59E-01	2.94E-01	3.46E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
7341357014	5.71E-05	2.71E-02	4.93E-03	2.04E-02	1.70E-14	0.00E+00	2.86E-01	2.75E-07	2.64E-05	1.67E-04	0.00E+00	5.21E-04	2.19E-09	6.39E-11	3.04E-03	5.41E-05	1.77E-03	1.56E-04	3.81E-05	8.21E-03	1.91E-01	0.00E+00	2.59E-10	3.36E-10	3.89E-05	1.02E-06	2.56E-02	0.00E+00	1.91E-01	5.04E-10	1.91E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
7341393505	9.07E-05	4.27E-02	7.76E-03	3.24E-02	4.50E-14	0.00E+00	4.53E-01	4.36E-07	4.18E-05	2.65E-04	0.00E+00	8.20E-04	3.47E-09	1.01E-10	4.83E-03	8.60E-05	2.82E-03	2.59E-04	6.01E-05	1.30E-02	3.04E-01	0.00E+00	4.11E-10	5.34E-10	6.18E-05	1.62E-06	4.07E-02	0.00E+00	3.04E-01	7.95E-10	3.04E-01	3.45E-01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
7341403533	1.04E-04	7.85E-02	4.55E-02	3.39E-02	2.29E-10	0.00E+00	4.79E-01	4.65E-07	4.40E-05	3.12E-04	0.00E+00	1.82E-03	3.70E-09	1.05E-10	4.96E-03	1.09E-04	2.89E-03	2.27E-02	2.06E-04	1.08E-02	3.43E-01	0.00E+00	4.82E-10	6.14E-10	7.14E-05	2.09E-06	4.61E-02	0.00E+00	3.43E-01	1.70E-09	3.43E-01	3.89E-01	4.61E-02	0.00E+00	0.00E+00	0.00E+00	2.85E-03
7341413515	8.98E-05	4.27E-02	7.76E-03	3.21E-02	2.50E-14	0.00E+00	4.50E-01	4.32E-07	4.15E-05	2.63E-04	0.00E+00	8.20E-04	3.44E-09	1.01E-10	4.78E-03	8.51E-05	2.79E-03	2.44E-04	6.00E-05	1.29E-02	3.01E-01	0.00E+00	4.07E-10	5.29E-10	6.12E-05	1.61E-06	4.03E-02	0.00E+00	3.01E-01	7.94E-10	3.01E-01	3.41E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
7341441909	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.30E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.19E-09	6.42E-11	3.05E-03	5.44E-05	1.78E-03	1.60E-04	3.81E-05	8.24E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
7341442045	6.63E-05	4.99E-02	2.90E-02	2.16E-02	1.46E-10	0.00E+00	3.04E-01	2.95E-07	2.79E-05	1.98E-04	0.00E+00	1.16E-03	2.35E-09	6.66E-11	3.15E-03	6.95E-05	1.84E-03	1.44E-02	1.31E-04	6.83E-03	2.18E-01	0.00E+00	3.06E-10	3.90E-10	4.54E-05	1.33E-06	2.93E-02	0.00E+00	2.18E-01	1.08E-09	2.18E-01	2.47E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
7341448989	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.30E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.19E-09	6.42E-11	3.05E-03	5.44E-05	1.78E-03	1.60E-04	3.81E-05	8.24E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
7341512045	2.72E-04	1.36E-01	2.48E-02	9.73E-02	2.55E-13	0.00E+00	1.37E+00	1.32E-06	1.26E-04	7.96E-04	0.00E+00	2.62E-03	1.05E-08	3.07E-10	1.45E-02	2.58E-04	8.39E-03	5.14E-04	1.91E-04	3.94E-02	9.14E-01	0.00E+00	1.23E-09	1.60E-09	1.86E-04	4.83E-06	1.22E-01	0.00E+00	9.14E-01	2.53E-09	9.14E-01	1.04E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	7.34E-03
7341512089	5.73E-05	2.71E-02	4.93E-03	2.05E-02	2.30E-14	0.00E+00	2.87E-01	2.76E-07	2.65E-05	1.68E-04	0.00E+00	5.21E-04	2.19E-09	6.42E-11	3.05E-03	5.44E-05	1.78E-03	1.60E-04	3.81E-05	8.24E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.03E-06	2.57E-02	0.00E+00	1.92E-01	5.05E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
7341516084	7.28E-05	3.48E-02	6.34E-03	2.60E-02	8.00E-15	0.00E+00	3.65E-01	3.51E-07	3.36E-05	2.13E-04	0.00E+00	6.69E-04	2.79E-09	8.16E-11	3.87E-03	6.90E-05	2.26E-03	1.89E-04	4.90E-05	1.05E-02	2.44E-01	0.00E+00	3.30E-10	4.29E-10	4.96E-05	1.30E-06	3.26E-02	0.00E+00	2.44E-01	6.48E-10	2.44E-01	2.77E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
7341516086	8.28E-05	3.52E-02	6.20E-03	2.90E-02	0.00E+00	0.00E+00	3.87E-01	3.79E-07	3.58E-05	2.25E-04	0.00E+00	6.56E-04	2.94E-09	8.71E-11	4.34E-03	7.12E-05	2.77E-03	6.33E-04	5.09E-05	1.21E-02	2.61E-01	0.00E+00	3.48E-10	4.59E-10	5.26E-05	1.39E-06	3.50E-02	0.00E+00	2.61E-01	6.53E-10	2.61E-01	2.96E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
7341516089	7.34E-05	3.52E-02	6.40E-03	2.63E-02	7.00E-15	0.00E+00	3.68E-01	3.54E-07	3.39E-05	2.15E-04	0.00E+00	6.76E-04	2.81E-09	8.23E-11	3.91E-03	6.96E-05	2.28E-03	1.90E-04	4.95E-05	1.06E-02	2.46E-01	0.00E+00	3.33E-10	4.33E-10	5.01E-05	1.31E-06	3.30E-02	0.00E+00	2.46E-01	6.54E-10	2.46E-01	2.79E-01	3.30E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
7341517203	8.71E-05	4.20E-02	7.65E-03	3.11E-02	6.00E-15	0.00E+00	4.37E-01	4.20E-07	4.03E-05	2.55E-04	0.00E+00	8.08E-04	3.34E-09	9.78E-11	4.64E-03	8.26E-05	2.70E-03	2.16E-04	5.91E-05	1.26E-02	2.92E-01	0.00E+00	3.95E-10	5.13E-10	5.94E-05	1.56E-06	3.91E-02	0.00E+00	2.92E-01	7.82E-10	2.92E-01	3.31E-01	3.91E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
7341517204	1.15E-04	5.59E-02	1.02E-02	4.11E-02	3.40E-14	0.00E+00	5.77E-01	5.54E-07	5.32E-05	3.36E-04	0.00E+00	1.08E-03	4.41E-09	1.29E-10	6.12E-03	1.09E-04	3.56E-03	2.67E-04	7.87E-05	1.66E-02	3.85E-01	0.00E+00	5.21E-10	6.77E-10	7.83E-05	2.05E-06	5.16E-02	0.00E+00	3.85E-01	1.04E-09	3.85E-01	4.37E-01	5.16E-02	0.00E+00	0.00E+00	0.00E+00	3.11E-03
7341517206	8.23E-05	3.96E-02	7.21E-03	2.94E-02	1.00E-15	0.00E+00	4.13E-01	3.97E-07	3.80E-05	2.41E-04	0.00E+00	7.61E-04	3.16E-09	9.23E-11	4.38E-03	7.80E-05	2.55E-03	2.07E-04	5.57E-05	1.19E-02	2.76E-01	0.00E+00	3.73E-10	4.85E-10	5.61E-05	1.47E-06	3.69E-02	0.00E+00	2.76E-01	7.37E-10	2.76E-01	3.13E-01	3.69E-02	0.00E+00	0.00E+00	0.00E+00	2.23E-03
7341517209	7.95E-05	3.82E-02	6.96E-03	2.84E-02	2.00E-15	0.00E+00	3.99E-01	3.83E-07	3.68E-05	2.33E-04	0.00E+00	7.35E-04	3.05E-09	8.92E-11	4.24E-03	7.54E-05	2.47E-03	2.02E-04	5.38E-05	1.15E-02	2.67E-01	0.00E+00	3.61E-10	4.69E-10	5.42E-05	1.42E-06	3.57E-02	0.00E+00	2.67E-01	7.11E-10	2.67E-01	3.03E-01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-03
73415520	7.41E-05	3.29E-02	6.19E-03	2.67E-02	0.00E+00	0.00E+00	3.84E-01	3.65E-07	3.54E-05	2.20E-04	0.00E+00	6.50E-04	2.94E-09	8.59E-11	3.97E-03	7.11E-05	2.19E-03	0.00E+00	4.63E-05	1.09E-02	2.53E-01	0.00E+00	3.42E-10	4.43E-10	5.14E-05	1.31E-06	3.37E-02	0.00E+00	2.53E-01	6.20E-10	2.53E-01	2.87E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
7341552045	7.67E-05	3.40E-02	6.40E-03	2.76E-02	0.00E+00	0.00E+00	3.98E-01	3.78E-07	3.66E-05	2.28E-04	0.00E+00	6.72E-04	3.04E-09	8.89E-11	4.11E-03	7.36E-05	2.27E-03	0.00E+00	4.79E-05	1.13E-02	2.62E-01	0.00E+00	3.54E-10	4.58E-10	5.32E-05	1.36E-06	3.49E-02	0.00E+00	2.62E-01	6.42E-10	2.62E-01	2.97E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
7341552089	8.67E-05	6.85E-02	4.11E-02	2.74E-02	2.03E-10	0.00E+00	3.86E-01	3.79E-07	3.55E-05	2.60E-04	0.00E+00	1.53E-03	3.02E-09	8.37E-11	3.93E-03	9.11E-05	2.27E-03	2.07E-02	1.83E-04	7.92E-03	2.83E-01	0.00E+00	4.02E-10	5.08E-10	5.94E-05	1.80E-06	3.80E-02	0.00E+00	2.83E-01	1.44E-09	2.83E-01	3.21E-01	3.80E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
73415521	7.41E-05	3.29E-02	6.19E-03	2.67E-02	0.00E+00	0.00E+00	3.84E-01	3.65E-07	3.54E-05	2.20E-04	0.00E+00	6.50E-04	2.94E-09	8.59E-11	3.97E-03	7.11E-05	2.19E-03	0.00E+00	4.63E-05	1.09E-02	2.53E-01	0.00E+00	3.42E-10	4.43E-10	5.14E-05	1.31E-06	3.37E-02	0.00E+00	2.53E-01	6.20E-10	2.53E-01	2.87E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
7341753555	1.55E-04	7.32E-02	1.33E-02	5.54E-02	6.20E-14	0.00E+00	7.75E-01	7.46E-07	7.15E-05	4.53E-04	0.00E+00	1.41E-03	5.93E-09	1.73E-10	8.24E-03	1.47E-04	4.81E-03	4.32E-04	1.03E-04	2.22E-02	5.19E-01	0.00E+00	7.02E-10	9.12E-10	1.06E-04	2.77E-06	6.95E-02	0.00E+00	5.19E-01	1.36E-09	5.19E-01	5.89E-01	6.95E-02	0.00E+00	0.00E+00	0.00E+00	4.20E-03
7429635	3.56E-05	1.70E-02	3.09E-03	1.27E-02	8.00E-15	0.00E+00	1.79E-01	1.72E-07	1.65E-05	1.04E-04	0.00E+00	3.26E-04	1.37E-09	3.99E-11	1.90E-03	3.38E-05	1.11E-03	9.52E-05	2.39E-05	5.13E-03	1.20E-01	0.00E+00	1.62E-10	2.10E-10	2.43E-05	6.37E-07	1.60E-02	0.00E+00	1.20E-01	3.16E-10	1.20E-01	1.36E-01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	9.65E-04
8412186	3.40E-06	1.39E-03	2.48E-04	1.21E-03	1.20E-14	0.00E+00	1.67E-02	1.62E-08	1.54E-06	9.92E-06	0.00E+00	2.64E-05	1.28E-10	3.74E-12	1.80E-04	3.23E-06	1.08E-04	1.69E-05	1.94E-06	4.78E-04	1.13E-02	0.00E+00	1.53E-11	2.00E-11	2.31E-06	6.19E-08	1.52E-03	0.00E+00	1.13E-02	2.59E-11	1.13E-02	1.29E-02	1.52E-03	0.00E+00	0.00E+00	0.00E+00	9.32E-05
8413006	2.77E-06	7.39E-04	1.24E-04	9.82E-04	2.90E-14	0.00E+00	1.30E-02	1.28E-08	1.21E-06	8.03E-06	0.00E+00	1.36E-05	9.98E-11	2.91E-12	1.45E-04	2.64E-06	9.10E-05	2.68E-05	1.01E-06	3.71E-04	9.10E-03	0.00E+00	1.24E-11	1.62E-11	1.86E-06	5.22E-08	1.23E-03	0.00E+00	9.10E-03	1.39E-11	9.10E-03	1.03E-02	1.23E-03	0.00E+00	0.00E+00	0.00E+00	7.76E-05
841402506	8.76E-05	4.38E-02	8.01E-03	3.14E-02	8.20E-14	0.00E+00	4.42E-01	4.24E-07	4.07E-05	2.57E-04	0.00E+00	8.44E-04	3.38E-09	9.89E-11	4.67E-03	8.31E-05	2.70E-03	1.66E-04	6.17E-05	1.27E-02	2.95E-01	0.00E+00	3.98E-10	5.17E-10	5.98E-05	1.56E-06	3.94E-02	0.00E+00	2.95E-01	8.15E-10	2.95E-01	3.34E-01	3.94E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
8418505	6.69E-06	2.97E-03	5.59E-04	2.41E-03	0.00E+00	0.00E+00	3.47E-02	3.30E-08	3.19E-06	1.99E-05	0.00E+00	5.87E-05	2.65E-10	7.76E-12	3.58E-04	6.42E-06	1.98E-04	0.00E+00	4.18E-06	9.87E-04	2.28E-02	0.00E+00	3.09E-11	4.00E-11	4.64E-06	1.18E-07	3.05E-03	0.00E+00	2.28E-02	5.60E-11	2.28E-02	2.59E-02	3.05E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04
8418525	8.54E-06	3.66E-03	6.58E-04	3.05E-03	2.20E-14	0.00E+00	4.22E-02	4.08E-08	3.89E-06	2.49E-05	0.00E+00	6.99E-05	3.22E-10	9.43E-12	4.53E-04	8.10E-06	2.69E-04	3.64E-05	5.13E-06	1.21E-03	2.85E-02	0.00E+00	3.85E-11	5.02E-11	5.79E-06	1.54E-07	3.82E-03	0.00E+00	2.85E-02	6.82E-11	2.85E-02	3.23E-02	3.82E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04
841852501	8.42E-06	3.65E-03	6.59E-04	3.01E-03	2.00E-14	0.00E+00	4.17E-02	4.03E-08	3.85E-06	2.46E-05	0.00E+00	6.98E-05	3.19E-10	9.31E-12	4.47E-04	7.99E-06	2.65E-04	3.44E-05	5.13E-06	1.19E-03	2.81E-02	0.00E+00	3.80E-11	4.95E-11	5.72E-06	1.52E-07	3.77E-03	0.00E+00	2.81E-02	6.81E-11	2.81E-02	3.19E-02	3.77E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
841852502	6.69E-06	2.97E-03	5.59E-04	2.41E-03	0.00E+00	0.00E+00	3.47E-02	3.30E-08	3.19E-06	1.99E-05	0.00E+00	5.87E-05	2.65E-10	7.76E-12	3.58E-04	6.42E-06	1.98E-04	0.00E+00	4.18E-06	9.87E-04	2.28E-02	0.00E+00	3.09E-11	4.00E-11	4.64E-06	1.18E-07	3.05E-03	0.00E+00	2.28E-02	5.60E-11	2.28E-02	2.59E-02	3.05E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04
841852505	6.69E-06	2.97E-03	5.59E-04	2.41E-03	0.00E+00	0.00E+00	3.47E-02	3.30E-08	3.19E-06	1.99E-05	0.00E+00	5.87E-05	2.65E-10	7.76E-12	3.58E-04	6.42E-06	1.98E-04	0.00E+00	4.18E-06	9.87E-04	2.28E-02	0.00E+00	3.09E-11	4.00E-11	4.64E-06	1.18E-07	3.05E-03	0.00E+00	2.28E-02	5.60E-11	2.28E-02	2.59E-02	3.05E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04
841852506	1.27E-05	5.83E-03	1.06E-03	4.53E-03	1.40E-14	0.00E+00	6.33E-02	6.09E-08	5.84E-06	3.71E-05	0.00E+00	1.12E-04	4.84E-10	1.41E-11	6.75E-04	1.20E-05	3.96E-04	4.12E-05	8.19E-06	1.81E-03	4.25E-02	0.00E+00	5.74E-11	7.47E-11	8.64E-06	2.28E-07	5.69E-03	0.00E+00	4.25E-02	1.08E-10	4.25E-02	4.82E-02	5.69E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04
841852521	6.49E-06	2.74E-03	4.92E-04	2.31E-03	1.90E-14	0.00E+00	3.20E-02	3.09E-08	2.95E-06	1.89E-05	0.00E+00	5.22E-05	2.45E-10	7.15E-12	3.44E-04	6.16E-06	2.04E-04	2.90E-05	3.84E-06	9.16E-04	2.16E-02	0.00E+00	2.93E-11	3.81E-11	4.40E-06	1.18E-07	2.90E-03	0.00E+00	2.16E-02	5.10E-11	2.16E-02	2.45E-02	2.90E-03	0.00E+00	0.00E+00	0.00E+00	1.77E-04
841852525	1.79E-05	8.44E-03	1.53E-03	6.39E-03	8.00E-15	0.00E+00	8.94E-02	8.60E-08	8.24E-06	5.22E-05	0.00E+00	1.62E-04	6.84E-10	2.00E-11	9.51E-04	1.69E-05	5.56E-04	5.03E-05	1.19E-05	2.57E-03	5.99E-02	0.00E+00	8.10E-11	1.05E-10	1.22E-05	3.20E-07	8.02E-03	0.00E+00	5.99E-02	1.57E-10	5.99E-02	6.79E-02	8.02E-03	0.00E+00	0.00E+00	0.00E+00	4.84E-04
841852526	6.75E-06	2.99E-03	5.64E-04	2.43E-03	0.00E+00	0.00E+00	3.50E-02	3.33E-08	3.22E-06	2.00E-05	0.00E+00	5.92E-05	2.68E-10	7.83E-12	3.62E-04	6.48E-06	2.00E-04	0.00E+00	4.22E-06	9.95E-04	2.30E-02	0.00E+00	3.11E-11	4.03E-11	4.68E-06	1.19E-07	3.07E-03	0.00E+00	2.30E-02	5.65E-11	2.30E-02	2.61E-02	3.07E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-04
8418855	3.46E-05	1.70E-02	3.10E-03	1.24E-02	1.70E-14	0.00E+00	1.74E-01	1.67E-07	1.61E-05	1.01E-04	0.00E+00	3.27E-04	1.33E-09	3.90E-11	1.85E-03	3.28E-05	1.07E-03	7.58E-05	2.39E-05	5.01E-03	1.16E-01	0.00E+00	1.57E-10	2.04E-10	2.36E-05	6.17E-07	1.56E-02	0.00E+00	1.16E-01	3.16E-10	1.16E-01	1.32E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.36E-04
8419505	6.69E-06	2.97E-03	5.59E-04	2.41E-03	0.00E+00	0.00E+00	3.47E-02	3.30E-08	3.19E-06	1.99E-05	0.00E+00	5.87E-05	2.65E-10	7.76E-12	3.58E-04	6.42E-06	1.98E-04	0.00E+00	4.18E-06	9.87E-04	2.28E-02	0.00E+00	3.09E-11	4.00E-11	4.64E-06	1.18E-07	3.05E-03	0.00E+00	2.28E-02	5.60E-11	2.28E-02	2.59E-02	3.05E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04
841952502	6.69E-06	2.97E-03	5.59E-04	2.41E-03	0.00E+00	0.00E+00	3.47E-02	3.30E-08	3.19E-06	1.99E-05	0.00E+00	5.87E-05	2.65E-10	7.76E-12	3.58E-04	6.42E-06	1.98E-04	0.00E+00	4.18E-06	9.87E-04	2.28E-02	0.00E+00	3.09E-11	4.00E-11	4.64E-06	1.18E-07	3.05E-03	0.00E+00	2.28E-02	5.60E-11	2.28E-02	2.59E-02	3.05E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04
841952505	6.69E-06	2.97E-03	5.59E-04	2.41E-03	0.00E+00	0.00E+00	3.47E-02	3.30E-08	3.19E-06	1.99E-05	0.00E+00	5.87E-05	2.65E-10	7.76E-12	3.58E-04	6.42E-06	1.98E-04	0.00E+00	4.18E-06	9.87E-04	2.28E-02	0.00E+00	3.09E-11	4.00E-11	4.64E-06	1.18E-07	3.05E-03	0.00E+00	2.28E-02	5.60E-11	2.28E-02	2.59E-02	3.05E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04
841952506	1.22E-05	5.56E-03	1.01E-03	4.35E-03	1.50E-14	0.00E+00	6.07E-02	5.85E-08	5.60E-06	3.56E-05	0.00E+00	1.06E-04	4.64E-10	1.36E-11	6.48E-04	1.16E-05	3.81E-04	4.09E-05	7.81E-06	1.74E-03	4.08E-02	0.00E+00	5.51E-11	7.17E-11	8.29E-06	2.19E-07	5.46E-03	0.00E+00	4.08E-02	1.03E-10	4.08E-02	4.62E-02	5.46E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04
8419605	3.41E-06	1.08E-03	1.86E-04	1.21E-03	2.80E-14	0.00E+00	1.63E-02	1.60E-08	1.51E-06	9.90E-06	0.00E+00	2.01E-05	1.25E-10	3.64E-12	1.80E-04	3.25E-06	1.11E-04	2.74E-05	1.49E-06	4.64E-04	1.13E-02	0.00E+00	1.53E-11	1.99E-11	2.30E-06	6.35E-08	1.51E-03	0.00E+00	1.13E-02	2.02E-11	1.13E-02	1.28E-02	1.51E-03	0.00E+00	0.00E+00	0.00E+00	9.48E-05
8419609	4.02E-06	1.41E-03	2.48E-04	1.43E-03	2.60E-14	0.00E+00	1.94E-02	1.89E-08	1.79E-06	1.17E-05	0.00E+00	2.66E-05	1.48E-10	4.33E-12	2.12E-04	3.82E-06	1.29E-04	2.73E-05	1.97E-06	5.54E-04	1.33E-02	0.00E+00	1.80E-11	2.35E-11	2.71E-06	7.40E-08	1.79E-03	0.00E+00	1.33E-02	2.64E-11	1.33E-02	1.51E-02	1.79E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-04
8429615	5.92E-05	2.87E-02	5.24E-03	2.12E-02	1.40E-14	0.00E+00	2.97E-01	2.85E-07	2.74E-05	1.73E-04	0.00E+00	5.53E-04	2.27E-09	6.65E-11	3.15E-03	5.61E-05	1.83E-03	1.40E-04	4.05E-05	8.53E-03	1.99E-01	0.00E+00	2.68E-10	3.49E-10	4.03E-05	1.06E-06	2.66E-02	0.00E+00	1.99E-01	5.35E-10	1.99E-01	2.25E-01	2.66E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03
8429634	5.54E-05	2.69E-02	4.91E-03	1.98E-02	1.40E-14	0.00E+00	2.78E-01	2.67E-07	2.56E-05	1.62E-04	0.00E+00	5.17E-04	2.13E-09	6.22E-11	2.95E-03	5.25E-05	1.71E-03	1.30E-04	3.79E-05	7.99E-03	1.86E-01	0.00E+00	2.51E-10	3.26E-10	3.78E-05	9.87E-07	2.49E-02	0.00E+00	1.86E-01	5.01E-10	1.86E-01	2.11E-01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
8429636	5.44E-05	2.64E-02	4.82E-03	1.95E-02	1.40E-14	0.00E+00	2.73E-01	2.63E-07	2.52E-05	1.59E-04	0.00E+00	5.09E-04	2.09E-09	6.12E-11	2.90E-03	5.16E-05	1.69E-03	1.28E-04	3.72E-05	7.85E-03	1.83E-01	0.00E+00	2.47E-10	3.21E-10	3.71E-05	9.71E-07	2.44E-02	0.00E+00	1.83E-01	4.92E-10	1.83E-01	2.07E-01	2.44E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
8429646	2.19E-05	1.03E-02	1.86E-03	7.84E-03	1.40E-14	0.00E+00	1.10E-01	1.06E-07	1.01E-05	6.41E-05	0.00E+00	1.97E-04	8.38E-10	2.45E-11	1.17E-03	2.08E-05	6.83E-04	6.49E-05	1.44E-05	3.15E-03	7.35E-02	0.00E+00	9.94E-11	1.29E-10	1.49E-05	3.93E-07	9.84E-03	0.00E+00	7.35E-02	1.91E-10	7.35E-02	8.34E-02	9.84E-03	0.00E+00	0.00E+00	0.00E+00	5.95E-04
8451705	6.55E-06	2.89E-03	5.22E-04	2.34E-03	1.30E-14	0.00E+00	3.25E-02	3.13E-08	3.00E-06	1.91E-05	0.00E+00	5.53E-05	2.48E-10	7.26E-12	3.48E-04	6.21E-06	2.05E-04	2.51E-05	4.06E-06	9.31E-04	2.19E-02	0.00E+00	2.96E-11	3.85E-11	4.45E-06	1.18E-07	2.93E-03	0.00E+00	2.19E-02	5.39E-11	2.19E-02	2.48E-02	2.93E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04
845172501	6.95E-06	3.09E-03	5.59E-04	2.48E-03	1.20E-14	0.00E+00	3.45E-02	3.33E-08	3.18E-06	2.03E-05	0.00E+00	5.92E-05	2.64E-10	7.72E-12	3.69E-04	6.60E-06	2.18E-04	2.58E-05	4.34E-06	9.90E-04	2.32E-02	0.00E+00	3.14E-11	4.09E-11	4.73E-06	1.25E-07	3.11E-03	0.00E+00	2.32E-02	5.76E-11	2.32E-02	2.64E-02	3.11E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-04
845172505	6.14E-06	2.69E-03	4.85E-04	2.19E-03	1.30E-14	0.00E+00	3.04E-02	2.94E-08	2.81E-06	1.79E-05	0.00E+00	5.14E-05	2.32E-10	6.80E-12	3.26E-04	5.82E-06	1.93E-04	2.43E-05	3.77E-06	8.71E-04	2.05E-02	0.00E+00	2.77E-11	3.61E-11	4.17E-06	1.11E-07	2.75E-03	0.00E+00	2.05E-02	5.01E-11	2.05E-02	2.33E-02	2.75E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-04
845172509	1.03E-05	4.75E-03	8.63E-04	3.67E-03	9.00E-15	0.00E+00	5.12E-02	4.93E-08	4.73E-06	3.00E-05	0.00E+00	9.12E-05	3.92E-10	1.15E-11	5.46E-04	9.74E-06	3.20E-04	3.20E-05	6.68E-06	1.47E-03	3.44E-02	0.00E+00	4.65E-11	6.05E-11	6.99E-06	1.84E-07	4.60E-03	0.00E+00	3.44E-02	8.85E-11	3.44E-02	3.90E-02	4.60E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
845712501	6.01E-06	2.56E-03	4.60E-04	2.14E-03	1.70E-14	0.00E+00	2.97E-02	2.87E-08	2.74E-06	1.75E-05	0.00E+00	4.88E-05	2.27E-10	6.63E-12	3.19E-04	5.70E-06	1.89E-04	2.63E-05	3.58E-06	8.50E-04	2.01E-02	0.00E+00	2.71E-11	3.53E-11	4.08E-06	1.09E-07	2.69E-03	0.00E+00	2.01E-02	4.77E-11	2.01E-02	2.27E-02	2.69E-03	0.00E+00	0.00E+00	0.00E+00	1.64E-04
845712503	1.58E-06	3.15E-04	4.93E-05	5.57E-04	2.20E-14	0.00E+00	7.26E-03	7.20E-09	6.73E-07	4.55E-06	0.00E+00	5.58E-06	5.55E-11	1.62E-12	8.22E-05	1.50E-06	5.26E-05	1.87E-05	4.23E-07	2.06E-04	5.14E-03	0.00E+00	6.99E-12	9.14E-12	1.05E-06	3.01E-08	6.93E-04	0.00E+00	5.14E-03	5.96E-12	5.14E-03	5.83E-03	6.93E-04	0.00E+00	0.00E+00	0.00E+00	4.45E-05
845712505	1.19E-05	5.48E-03	9.94E-04	4.25E-03	1.20E-14	0.00E+00	5.93E-02	5.72E-08	5.47E-06	3.48E-05	0.00E+00	1.05E-04	4.54E-10	1.33E-11	6.33E-04	1.13E-05	3.71E-04	3.80E-05	7.71E-06	1.70E-03	3.98E-02	0.00E+00	5.39E-11	7.01E-11	8.10E-06	2.14E-07	5.33E-03	0.00E+00	3.98E-02	1.02E-10	3.98E-02	4.52E-02	5.33E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
845712507	5.98E-06	2.52E-03	4.52E-04	2.13E-03	1.80E-14	0.00E+00	2.95E-02	2.85E-08	2.72E-06	1.74E-05	0.00E+00	4.80E-05	2.25E-10	6.58E-12	3.17E-04	5.67E-06	1.88E-04	2.69E-05	3.53E-06	8.44E-04	1.99E-02	0.00E+00	2.70E-11	3.51E-11	4.05E-06	1.08E-07	2.67E-03	0.00E+00	1.99E-02	4.69E-11	1.99E-02	2.26E-02	2.67E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-04
845712509	8.62E-06	4.90E-03	5.64E-04	4.34E-03	0.00E+00	0.00E+00	3.66E-02	4.40E-08	3.55E-06	2.44E-05	0.00E+00	6.33E-05	2.68E-10	8.72E-12	6.73E-04	6.48E-06	6.81E-04	5.33E-04	8.03E-06	1.95E-03	2.96E-02	0.00E+00	3.57E-11	5.34E-11	5.61E-06	1.84E-07	4.11E-03	0.00E+00	2.96E-02	8.36E-11	2.96E-02	3.37E-02	4.11E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04
847312506	1.10E-05	5.01E-03	9.07E-04	3.94E-03	1.40E-14	0.00E+00	5.49E-02	5.29E-08	5.06E-06	3.22E-05	0.00E+00	9.60E-05	4.20E-10	1.23E-11	5.86E-04	1.05E-05	3.44E-04	3.75E-05	7.04E-06	1.57E-03	3.69E-02	0.00E+00	4.99E-11	6.49E-11	7.50E-06	1.98E-07	4.94E-03	0.00E+00	3.69E-02	9.33E-11	3.69E-02	4.18E-02	4.94E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-04
847782502	1.74E-05	8.27E-03	1.50E-03	6.22E-03	5.00E-15	0.00E+00	8.71E-02	8.38E-08	8.03E-06	5.08E-05	0.00E+00	1.59E-04	6.66E-10	1.95E-11	9.26E-04	1.65E-05	5.40E-04	4.71E-05	1.16E-05	2.50E-03	5.83E-02	0.00E+00	7.88E-11	1.02E-10	1.19E-05	3.11E-07	7.80E-03	0.00E+00	5.83E-02	1.54E-10	5.83E-02	6.61E-02	7.80E-03	0.00E+00	0.00E+00	0.00E+00	4.71E-04
847782505	1.65E-05	7.83E-03	1.42E-03	5.91E-03	6.00E-15	0.00E+00	8.27E-02	7.96E-08	7.63E-06	4.83E-05	0.00E+00	1.50E-04	6.32E-10	1.85E-11	8.80E-04	1.57E-05	5.13E-04	4.55E-05	1.10E-05	2.37E-03	5.54E-02	0.00E+00	7.49E-11	9.73E-11	1.13E-05	2.96E-07	7.41E-03	0.00E+00	5.54E-02	1.46E-10	5.54E-02	6.28E-02	7.41E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-04
847782506	1.66E-05	7.86E-03	1.43E-03	5.93E-03	6.00E-15	0.00E+00	8.30E-02	7.98E-08	7.65E-06	4.85E-05	0.00E+00	1.51E-04	6.35E-10	1.86E-11	8.82E-04	1.57E-05	5.15E-04	4.56E-05	1.11E-05	2.38E-03	5.56E-02	0.00E+00	7.51E-11	9.77E-11	1.13E-05	2.97E-07	7.44E-03	0.00E+00	5.56E-02	1.46E-10	5.56E-02	6.30E-02	7.44E-03	0.00E+00	0.00E+00	0.00E+00	4.49E-04
847782512	6.21E-06	2.58E-03	4.62E-04	2.21E-03	2.00E-14	0.00E+00	3.06E-02	2.96E-08	2.82E-06	1.81E-05	0.00E+00	4.91E-05	2.34E-10	6.83E-12	3.29E-04	5.89E-06	1.96E-04	2.92E-05	3.61E-06	8.75E-04	2.07E-02	0.00E+00	2.80E-11	3.65E-11	4.21E-06	1.13E-07	2.77E-03	0.00E+00	2.07E-02	4.81E-11	2.07E-02	2.35E-02	2.77E-03	0.00E+00	0.00E+00	0.00E+00	1.70E-04
847792502	7.04E-06	3.00E-03	5.39E-04	2.51E-03	1.90E-14	0.00E+00	3.48E-02	3.36E-08	3.21E-06	2.05E-05	0.00E+00	5.72E-05	2.66E-10	7.77E-12	3.74E-04	6.68E-06	2.22E-04	3.07E-05	4.20E-06	9.96E-04	2.35E-02	0.00E+00	3.18E-11	4.14E-11	4.78E-06	1.28E-07	3.15E-03	0.00E+00	2.35E-02	5.59E-11	2.35E-02	2.66E-02	3.15E-03	0.00E+00	0.00E+00	0.00E+00	1.92E-04
847792505	1.43E-05	6.68E-03	1.21E-03	5.09E-03	9.00E-15	0.00E+00	7.12E-02	6.86E-08	6.57E-06	4.17E-05	0.00E+00	1.28E-04	5.45E-10	1.59E-11	7.58E-04	1.35E-05	4.44E-04	4.18E-05	9.39E-06	2.04E-03	4.78E-02	0.00E+00	6.45E-11	8.39E-11	9.71E-06	2.55E-07	6.39E-03	0.00E+00	4.78E-02	1.24E-10	4.78E-02	5.41E-02	6.39E-03	0.00E+00	0.00E+00	0.00E+00	3.86E-04
847792506	1.10E-05	5.01E-03	9.07E-04	3.94E-03	1.40E-14	0.00E+00	5.49E-02	5.29E-08	5.06E-06	3.22E-05	0.00E+00	9.60E-05	4.20E-10	1.23E-11	5.86E-04	1.05E-05	3.44E-04	3.75E-05	7.04E-06	1.57E-03	3.69E-02	0.00E+00	4.99E-11	6.49E-11	7.50E-06	1.98E-07	4.94E-03	0.00E+00	3.69E-02	9.33E-11	3.69E-02	4.18E-02	4.94E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-04
847792512	1.04E-05	4.70E-03	8.50E-04	3.73E-03	1.60E-14	0.00E+00	5.19E-02	5.00E-08	4.79E-06	3.05E-05	0.00E+00	9.00E-05	3.97E-10	1.16E-11	5.55E-04	9.90E-06	3.26E-04	3.70E-05	6.60E-06	1.49E-03	3.49E-02	0.00E+00	4.72E-11	6.14E-11	7.10E-06	1.88E-07	4.67E-03	0.00E+00	3.49E-02	8.75E-11	3.49E-02	3.96E-02	4.67E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
847882506	1.45E-05	6.76E-03	1.23E-03	5.16E-03	9.00E-15	0.00E+00	7.22E-02	6.95E-08	6.66E-06	4.22E-05	0.00E+00	1.30E-04	5.52E-10	1.61E-11	7.69E-04	1.37E-05	4.50E-04	4.28E-05	9.51E-06	2.07E-03	4.84E-02	0.00E+00	6.55E-11	8.51E-11	9.84E-06	2.59E-07	6.48E-03	0.00E+00	4.84E-02	1.26E-10	4.84E-02	5.49E-02	6.48E-03	0.00E+00	0.00E+00	0.00E+00	3.92E-04
848002502	2.60E-05	1.24E-02	2.25E-03	9.31E-03	8.00E-15	0.00E+00	1.30E-01	1.25E-07	1.20E-05	7.61E-05	0.00E+00	2.38E-04	9.97E-10	2.92E-11	1.39E-03	2.47E-05	8.09E-04	7.08E-05	1.74E-05	3.74E-03	8.73E-02	0.00E+00	1.18E-10	1.53E-10	1.77E-05	4.66E-07	1.17E-02	0.00E+00	8.73E-02	2.30E-10	8.73E-02	9.90E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	7.05E-04
848002503	2.78E-05	1.32E-02	2.41E-03	9.94E-03	6.00E-15	0.00E+00	1.39E-01	1.34E-07	1.28E-05	8.13E-05	0.00E+00	2.55E-04	1.07E-09	3.12E-11	1.48E-03	2.64E-05	8.64E-04	7.41E-05	1.86E-05	4.00E-03	9.33E-02	0.00E+00	1.26E-10	1.64E-10	1.89E-05	4.97E-07	1.25E-02	0.00E+00	9.33E-02	2.47E-10	9.33E-02	1.06E-01	1.25E-02	0.00E+00	0.00E+00	0.00E+00	7.53E-04
848002504	1.54E-04	7.62E-02	1.39E-02	5.50E-02	1.17E-13	0.00E+00	7.74E-01	7.43E-07	7.13E-05	4.50E-04	0.00E+00	1.47E-03	5.92E-09	1.73E-10	8.19E-03	1.46E-04	4.74E-03	3.09E-04	1.07E-04	2.22E-02	5.16E-01	0.00E+00	6.97E-10	9.06E-10	1.05E-04	2.73E-06	6.90E-02	0.00E+00	5.16E-01	1.42E-09	5.16E-01	5.85E-01	6.90E-02	0.00E+00	0.00E+00	0.00E+00	4.15E-03
848002505	1.18E-04	5.85E-02	1.07E-02	4.23E-02	8.20E-14	0.00E+00	5.96E-01	5.72E-07	5.49E-05	3.46E-04	0.00E+00	1.13E-03	4.55E-09	1.33E-10	6.31E-03	1.12E-04	3.65E-03	2.43E-04	8.25E-05	1.71E-02	3.97E-01	0.00E+00	5.37E-10	6.98E-10	8.07E-05	2.10E-06	5.31E-02	0.00E+00	3.97E-01	1.09E-09	3.97E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
848002506	1.29E-04	6.40E-02	1.17E-02	4.62E-02	9.30E-14	0.00E+00	6.51E-01	6.24E-07	6.00E-05	3.78E-04	0.00E+00	1.23E-03	4.97E-09	1.46E-10	6.88E-03	1.22E-04	3.99E-03	2.63E-04	9.01E-05	1.87E-02	4.34E-01	0.00E+00	5.86E-10	7.62E-10	8.81E-05	2.30E-06	5.80E-02	0.00E+00	4.34E-01	1.19E-09	4.34E-01	4.92E-01	5.80E-02	0.00E+00	0.00E+00	0.00E+00	3.49E-03
848002507	1.16E-05	5.10E-03	9.20E-04	4.15E-03	2.40E-14	0.00E+00	5.76E-02	5.56E-08	5.31E-06	3.39E-05	0.00E+00	9.75E-05	4.40E-10	1.29E-11	6.17E-04	1.10E-05	3.64E-04	4.56E-05	7.15E-06	1.65E-03	3.88E-02	0.00E+00	5.25E-11	6.83E-11	7.89E-06	2.10E-07	5.20E-03	0.00E+00	3.88E-02	9.50E-11	3.88E-02	4.40E-02	5.20E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
848002512	2.60E-05	1.23E-02	2.24E-03	9.29E-03	9.00E-15	0.00E+00	1.30E-01	1.25E-07	1.20E-05	7.60E-05	0.00E+00	2.36E-04	9.94E-10	2.91E-11	1.38E-03	2.46E-05	8.07E-04	7.19E-05	1.73E-05	3.73E-03	8.71E-02	0.00E+00	1.18E-10	1.53E-10	1.77E-05	4.65E-07	1.17E-02	0.00E+00	8.71E-02	2.29E-10	8.71E-02	9.88E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	7.04E-04

848002514	1.24E-04	6.12E-02	1.12E-02	4.43E-02	8.60E-14	0.00E+00	6.23E-01	5.98E-07	5.75E-05	3.62E-04	0.00E+00	1.18E-03	4.77E-09	1.39E-10	6.60E-03	1.17E-04	3.83E-03	2.55E-04	8.63E-05	1.79E-02	4.16E-01	0.00E+00	5.62E-10	7.30E-10	8.45E-05	2.20E-06	5.56E-02	0.00E+00	4.16E-01	1.14E-09	4.16E-01	4.72E-01	5.56E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
848002516	1.24E-04	6.12E-02	1.12E-02	4.43E-02	8.60E-14	0.00E+00	6.23E-01	5.98E-07	5.75E-05	3.62E-04	0.00E+00	1.18E-03	4.77E-09	1.39E-10	6.60E-03	1.17E-04	3.83E-03	2.55E-04	8.63E-05	1.79E-02	4.16E-01	0.00E+00	5.62E-10	7.30E-10	8.45E-05	2.20E-06	5.56E-02	0.00E+00	4.16E-01	1.14E-09	4.16E-01	4.72E-01	5.56E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
848002517	1.38E-04	6.84E-02	1.25E-02	4.94E-02	1.00E-13	0.00E+00	6.95E-01	6.67E-07	6.41E-05	4.04E-04	0.00E+00	1.32E-03	5.32E-09	1.56E-10	7.36E-03	1.31E-04	4.27E-03	2.81E-04	9.64E-05	2.00E-02	4.64E-01	0.00E+00	6.26E-10	8.14E-10	9.42E-05	2.46E-06	6.20E-02	0.00E+00	4.64E-01	1.27E-09	4.64E-01	5.26E-01	6.20E-02	0.00E+00	0.00E+00	0.00E+00	3.73E-03
848012502	1.16E-05	5.10E-03	9.20E-04	4.15E-03	2.50E-14	0.00E+00	5.77E-02	5.57E-08	5.32E-06	3.40E-05	0.00E+00	9.75E-05	4.41E-10	1.29E-11	6.18E-04	1.10E-05	3.65E-04	4.59E-05	7.15E-06	1.65E-03	3.89E-02	0.00E+00	5.26E-11	6.84E-11	7.91E-06	2.10E-07	5.21E-03	0.00E+00	3.89E-02	9.50E-11	3.89E-02	4.41E-02	5.21E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
848012503	2.16E-05	1.01E-02	1.84E-03	7.73E-03	1.40E-14	0.00E+00	1.08E-01	1.04E-07	9.97E-06	6.32E-05	0.00E+00	1.94E-04	8.27E-10	2.42E-11	1.15E-03	2.05E-05	6.73E-04	6.38E-05	1.42E-05	3.10E-03	7.25E-02	0.00E+00	9.80E-11	1.27E-10	1.47E-05	3.88E-07	9.70E-03	0.00E+00	7.25E-02	1.89E-10	7.25E-02	8.22E-02	9.70E-03	0.00E+00	0.00E+00	0.00E+00	5.87E-04
848012506	1.16E-05	5.10E-03	9.20E-04	4.15E-03	2.50E-14	0.00E+00	5.76E-02	5.56E-08	5.32E-06	3.39E-05	0.00E+00	9.75E-05	4.41E-10	1.29E-11	6.18E-04	1.10E-05	3.65E-04	4.58E-05	7.15E-06	1.65E-03	3.89E-02	0.00E+00	5.25E-11	6.84E-11	7.90E-06	2.10E-07	5.20E-03	0.00E+00	3.89E-02	9.50E-11	3.89E-02	4.41E-02	5.20E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
848012507	1.35E-04	6.67E-02	1.22E-02	4.81E-02	9.80E-14	0.00E+00	6.78E-01	6.51E-07	6.25E-05	3.94E-04	0.00E+00	1.28E-03	5.18E-09	1.52E-10	7.17E-03	1.28E-04	4.16E-03	2.74E-04	9.40E-05	1.95E-02	4.52E-01	0.00E+00	6.11E-10	7.94E-10	9.19E-05	2.39E-06	6.05E-02	0.00E+00	4.52E-01	1.24E-09	4.52E-01	5.13E-01	6.05E-02	0.00E+00	0.00E+00	0.00E+00	3.63E-03
848012512	2.64E-05	1.25E-02	2.28E-03	9.43E-03	9.00E-15	0.00E+00	1.32E-01	1.27E-07	1.22E-05	7.71E-05	0.00E+00	2.40E-04	1.01E-09	2.95E-11	1.40E-03	2.50E-05	8.20E-04	7.27E-05	1.76E-05	3.79E-03	8.85E-02	0.00E+00	1.20E-10	1.55E-10	1.80E-05	4.72E-07	1.18E-02	0.00E+00	8.85E-02	2.33E-10	8.85E-02	1.00E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	7.15E-04
848012513	1.32E-04	6.53E-02	1.19E-02	4.72E-02	9.40E-14	0.00E+00	6.65E-01	6.38E-07	6.12E-05	3.86E-04	0.00E+00	1.26E-03	5.08E-09	1.49E-10	7.03E-03	1.25E-04	4.08E-03	2.70E-04	9.21E-05	1.91E-02	4.43E-01	0.00E+00	5.99E-10	7.78E-10	9.00E-05	2.35E-06	5.93E-02	0.00E+00	4.43E-01	1.22E-09	4.43E-01	5.03E-01	5.93E-02	0.00E+00	0.00E+00	0.00E+00	3.56E-03
848012514	1.37E-04	6.80E-02	1.24E-02	4.91E-02	9.90E-14	0.00E+00	6.92E-01	6.64E-07	6.38E-05	4.02E-04	0.00E+00	1.31E-03	5.29E-09	1.55E-10	7.32E-03	1.30E-04	4.24E-03	2.80E-04	9.59E-05	1.99E-02	4.62E-01	0.00E+00	6.23E-10	8.10E-10	9.38E-05	2.44E-06	6.17E-02	0.00E+00	4.62E-01	1.27E-09	4.62E-01	5.23E-01	6.17E-02	0.00E+00	0.00E+00	0.00E+00	3.71E-03
848012517	1.24E-04	6.12E-02	1.12E-02	4.43E-02	8.60E-14	0.00E+00	6.23E-01	5.98E-07	5.75E-05	3.62E-04	0.00E+00	1.18E-03	4.77E-09	1.39E-10	6.60E-03	1.17E-04	3.83E-03	2.55E-04	8.63E-05	1.79E-02	4.16E-01	0.00E+00	5.62E-10	7.30E-10	8.45E-05	2.20E-06	5.56E-02	0.00E+00	4.16E-01	1.14E-09	4.16E-01	4.72E-01	5.56E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
848102502	1.47E-04	7.27E-02	1.33E-02	5.25E-02	1.10E-13	0.00E+00	7.39E-01	7.09E-07	6.81E-05	4.29E-04	0.00E+00	1.40E-03	5.65E-09	1.65E-10	7.82E-03	1.39E-04	4.53E-03	2.96E-04	1.02E-04	2.12E-02	4.93E-01	0.00E+00	6.66E-10	8.65E-10	1.00E-04	2.61E-06	6.59E-02	0.00E+00	4.93E-01	1.35E-09	4.93E-01	5.59E-01	6.59E-02	0.00E+00	0.00E+00	0.00E+00	3.96E-03
848102503	1.17E-05	5.10E-03	9.20E-04	4.17E-03	2.50E-14	0.00E+00	5.78E-02	5.58E-08	5.33E-06	3.41E-05	0.00E+00	9.75E-05	4.42E-10	1.29E-11	6.20E-04	1.11E-05	3.66E-04	4.65E-05	7.15E-06	1.66E-03	3.90E-02	0.00E+00	5.27E-11	6.86E-11	7.93E-06	2.11E-07	5.22E-03	0.00E+00	3.90E-02	9.50E-11	3.90E-02	4.42E-02	5.22E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
848102504	1.18E-04	5.85E-02	1.07E-02	4.23E-02	8.20E-14	0.00E+00	5.96E-01	5.72E-07	5.49E-05	3.46E-04	0.00E+00	1.13E-03	4.55E-09	1.33E-10	6.31E-03	1.12E-04	3.65E-03	2.43E-04	8.25E-05	1.71E-02	3.97E-01	0.00E+00	5.37E-10	6.98E-10	8.07E-05	2.10E-06	5.31E-02	0.00E+00	3.97E-01	1.09E-09	3.97E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
848102507	2.85E-05	1.36E-02	2.47E-03	1.02E-02	5.00E-15	0.00E+00	1.43E-01	1.37E-07	1.32E-05	8.33E-05	0.00E+00	2.61E-04	1.09E-09	3.19E-11	1.52E-03	2.70E-05	8.84E-04	7.54E-05	1.91E-05	4.10E-03	9.55E-02	0.00E+00	1.29E-10	1.68E-10	1.94E-05	5.09E-07	1.28E-02	0.00E+00	9.55E-02	2.53E-10	9.55E-02	1.08E-01	1.28E-02	0.00E+00	0.00E+00	0.00E+00	7.71E-04
848112502	1.18E-04	5.85E-02	1.07E-02	4.23E-02	8.20E-14	0.00E+00	5.96E-01	5.72E-07	5.49E-05	3.46E-04	0.00E+00	1.13E-03	4.55E-09	1.33E-10	6.31E-03	1.12E-04	3.65E-03	2.43E-04	8.25E-05	1.71E-02	3.97E-01	0.00E+00	5.37E-10	6.98E-10	8.07E-05	2.10E-06	5.31E-02	0.00E+00	3.97E-01	1.09E-09	3.97E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
848112505	4.34E-05	2.11E-02	3.84E-03	1.55E-02	9.00E-15	0.00E+00	2.18E-01	2.10E-07	2.01E-05	1.27E-04	0.00E+00	4.05E-04	1.67E-09	4.88E-11	2.31E-03	4.12E-05	1.35E-03	1.03E-04	2.97E-05	6.26E-03	1.46E-01	0.00E+00	1.97E-10	2.56E-10	2.96E-05	7.75E-07	1.95E-02	0.00E+00	1.46E-01	3.92E-10	1.46E-01	1.65E-01	1.95E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
848112506	3.07E-05	1.47E-02	2.68E-03	1.10E-02	3.00E-15	0.00E+00	1.54E-01	1.48E-07	1.42E-05	8.97E-05	0.00E+00	2.82E-04	1.18E-09	3.44E-11	1.63E-03	2.91E-05	9.52E-04	7.95E-05	2.07E-05	4.42E-03	1.03E-01	0.00E+00	1.39E-10	1.81E-10	2.09E-05	5.48E-07	1.38E-02	0.00E+00	1.03E-01	2.73E-10	1.03E-01	1.17E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	8.31E-04
848112512	3.81E-05	1.84E-02	3.34E-03	1.36E-02	2.00E-15	0.00E+00	1.91E-01	1.84E-07	1.76E-05	1.11E-04	0.00E+00	3.53E-04	1.46E-09	4.27E-11	2.03E-03	3.61E-05	1.18E-03	9.45E-05	2.58E-05	5.49E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.80E-07	1.71E-02	0.00E+00	1.28E-01	3.42E-10	1.28E-01	1.45E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
848112517	1.59E-04	7.89E-02	1.44E-02	5.69E-02	1.20E-13	0.00E+00	8.02E-01	7.69E-07	7.39E-05	4.66E-04	0.00E+00	1.52E-03	6.13E-09	1.79E-10	8.48E-03	1.51E-04	4.91E-03	3.21E-04	1.11E-04	2.30E-02	5.35E-01	0.00E+00	7.22E-10	9.38E-10	1.09E-04	2.83E-06	7.15E-02	0.00E+00	5.35E-01	1.47E-09	5.35E-01	6.06E-01	7.15E-02	0.00E+00	0.00E+00	0.00E+00	4.30E-03
848202502	1.52E-04	7.55E-02	1.38E-02	5.44E-02	1.15E-13	0.00E+00	7.66E-01	7.35E-07	7.06E-05	4.45E-04	0.00E+00	1.45E-03	5.86E-09	1.71E-10	8.11E-03	1.44E-04	4.70E-03	3.06E-04	1.06E-04	2.20E-02	5.11E-01	0.00E+00	6.90E-10	8.97E-10	1.04E-04	2.71E-06	6.83E-02	0.00E+00	5.11E-01	1.40E-09	5.11E-01	5.79E-01	6.83E-02	0.00E+00	0.00E+00	0.00E+00	4.11E-03
848202503	2.88E-05	1.37E-02	2.50E-03	1.03E-02	5.00E-15	0.00E+00	1.44E-01	1.39E-07	1.33E-05	8.41E-05	0.00E+00	2.64E-04	1.10E-09	3.22E-11	1.53E-03	2.73E-05	8.93E-04	7.59E-05	1.93E-05	4.14E-03	9.64E-02	0.00E+00	1.30E-10	1.69E-10	1.96E-05	5.14E-07	1.29E-02	0.00E+00	9.64E-02	2.55E-10	9.64E-02	1.09E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.79E-04
848202506	1.30E-04	6.46E-02	1.18E-02	4.66E-02	9.40E-14	0.00E+00	6.57E-01	6.30E-07	6.05E-05	3.82E-04	0.00E+00	1.24E-03	5.02E-09	1.47E-10	6.95E-03	1.24E-04	4.03E-03	2.66E-04	9.10E-05	1.89E-02	4.38E-01	0.00E+00	5.92E-10	7.69E-10	8.90E-05	2.32E-06	5.86E-02	0.00E+00	4.38E-01	1.20E-09	4.38E-01	4.97E-01	5.86E-02	0.00E+00	0.00E+00	0.00E+00	3.52E-03
848212502	1.18E-04	5.85E-02	1.07E-02	4.23E-02	8.20E-14	0.00E+00	5.96E-01	5.72E-07	5.49E-05	3.46E-04	0.00E+00	1.13E-03	4.55E-09	1.33E-10	6.31E-03	1.12E-04	3.65E-03	2.43E-04	8.25E-05	1.71E-02	3.97E-01	0.00E+00	5.37E-10	6.98E-10	8.07E-05	2.10E-06	5.31E-02	0.00E+00	3.97E-01	1.09E-09	3.97E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
848212503	1.18E-04	5.85E-02	1.07E-02	4.23E-02	8.20E-14	0.00E+00	5.96E-01	5.72E-07	5.49E-05	3.46E-04	0.00E+00	1.13E-03	4.55E-09	1.33E-10	6.31E-03	1.12E-04	3.65E-03	2.43E-04	8.25E-05	1.71E-02	3.97E-01	0.00E+00	5.37E-10	6.98E-10	8.07E-05	2.10E-06	5.31E-02	0.00E+00	3.97E-01	1.09E-09	3.97E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
848212504	1.18E-04	5.85E-02	1.07E-02	4.23E-02	8.20E-14	0.00E+00	5.96E-01	5.72E-07	5.49E-05	3.46E-04	0.00E+00	1.13E-03	4.55E-09	1.33E-10	6.31E-03	1.12E-04	3.65E-03	2.43E-04	8.25E-05	1.71E-02	3.97E-01	0.00E+00	5.37E-10	6.98E-10	8.07E-05	2.10E-06	5.31E-02	0.00E+00	3.97E-01	1.09E-09	3.97E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
848212512	4.35E-05	2.11E-02	3.84E-03	1.56E-02	8.00E-15	0.00E+00	2.18E-01	2.10E-07	2.01E-05	1.27E-04	0.00E+00	4.05E-04	1.67E-09	4.89E-11	2.32E-03	4.13E-05	1.35E-03	1.05E-04	2.97E-05	6.27E-03	1.46E-01	0.00E+00	1.97E-10	2.56E-10	2.97E-05	7.76E-07	1.95E-02	0.00E+00	1.46E-01	3.92E-10	1.46E-01	1.66E-01	1.95E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
848212513	1.58E-04	7.82E-02	1.43E-02	5.64E-02	1.19E-13	0.00E+00	7.94E-01	7.62E-07	7.32E-05	4.61E-04	0.00E+00	1.51E-03	6.07E-09	1.78E-10	8.40E-03	1.49E-04	4.87E-03	3.18E-04	1.10E-04	2.28E-02	5.30E-01	0.00E+00	7.15E-10	9.30E-10	1.08E-04	2.80E-06	7.08E-02	0.00E+00	5.30E-01	1.45E-09	5.30E-01	6.00E-01	7.08E-02	0.00E+00	0.00E+00	0.00E+00	4.26E-03
848212514	1.52E-04	7.55E-02	1.38E-02	5.44E-02	1.14E-13	0.00E+00	7.67E-01	7.36E-07	7.07E-05	4.45E-04	0.00E+00	1.45E-03	5.86E-09	1.71E-10	8.11E-03	1.44E-04	4.70E-03	3.08E-04	1.06E-04	2.20E-02	5.11E-01	0.00E+00	6.91E-10	8.98E-10	1.04E-04	2.71E-06	6.84E-02	0.00E+00	5.11E-01	1.40E-09	5.11E-01	5.80E-01	6.84E-02	0.00E+00	0.00E+00	0.00E+00	4.11E-03
848302502	1.64E-04	8.16E-02	1.49E-02	5.88E-02	1.27E-13	0.00E+00	8.29E-01	7.95E-07	7.64E-05	4.81E-04	0.00E+00	1.57E-03	6.34E-09	1.85E-10	8.77E-03	1.56E-04	5.08E-03	3.29E-04	1.15E-04	2.38E-02	5.53E-01	0.00E+00	7.46E-10	9.70E-10	1.12E-04	2.93E-06	7.39E-02	0.00E+00	5.53E-01	1.52E-09	5.53E-01	6.27E-01	7.39E-02	0.00E+00	0.00E+00	0.00E+00	4.44E-03
848302503	1.35E-04	6.67E-02	1.22E-02	4.81E-02	9.80E-14	0.00E+00	6.78E-01	6.51E-07	6.25E-05	3.94E-04	0.00E+00	1.28E-03	5.18E-09	1.52E-10	7.17E-03	1.28E-04	4.16E-03	2.74E-04	9.40E-05	1.95E-02	4.52E-01	0.00E+00	6.11E-10	7.94E-10	9.19E-05	2.39E-06	6.05E-02	0.00E+00	4.52E-01	1.24E-09	4.52E-01	5.13E-01	6.05E-02	0.00E+00	0.00E+00	0.00E+00	3.63E-03
848312512	2.73E-05	1.30E-02	2.36E-03	9.77E-03	8.00E-15	0.00E+00	1.37E-01	1.32E-07	1.26E-05	7.99E-05	0.00E+00	2.49E-04	1.05E-09	3.06E-11	1.46E-03	2.59E-05	8.49E-04	7.44E-05	1.83E-05	3.93E-03	9.17E-02	0.00E+00	1.24E-10	1.61E-10	1.86E-05	4.89E-07	1.23E-02	0.00E+00	9.17E-02	2.42E-10	9.17E-02	1.04E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.41E-04
848312514	1.24E-04	6.12E-02	1.12E-02	4.43E-02	8.60E-14	0.00E+00	6.23E-01	5.98E-07	5.75E-05	3.62E-04	0.00E+00	1.18E-03	4.77E-09	1.39E-10	6.60E-03	1.17E-04	3.83E-03	2.55E-04	8.63E-05	1.79E-02	4.16E-01	0.00E+00	5.62E-10	7.30E-10	8.45E-05	2.20E-06	5.56E-02	0.00E+00	4.16E-01	1.14E-09	4.16E-01	4.72E-01	5.56E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
848502506	1.21E-04	5.99E-02	1.09E-02	4.33E-02	8.60E-14	0.00E+00	6.09E-01	5.85E-07	5.61E-05	3.54E-04	0.00E+00	1.15E-03	4.66E-09	1.36E-10	6.45E-03	1.15E-04	3.74E-03	2.48E-04	8.44E-05	1.75E-02	4.06E-01	0.00E+00	5.49E-10	7.13E-10	8.26E-05	2.15E-06	5.43E-02	0.00E+00	4.06E-01	1.11E-09	4.06E-01	4.61E-01	5.43E-02	0.00E+00	0.00E+00	0.00E+00	3.27E-03
848512506	1.18E-04	5.85E-02	1.07E-02	4.23E-02	8.20E-14	0.00E+00	5.96E-01	5.72E-07	5.49E-05	3.46E-04	0.00E+00	1.13E-03	4.55E-09	1.33E-10	6.31E-03	1.12E-04	3.65E-03	2.43E-04	8.25E-05	1.71E-02	3.97E-01	0.00E+00	5.37E-10	6.98E-10	8.07E-05	2.10E-06	5.31E-02	0.00E+00	3.97E-01	1.09E-09	3.97E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
848512512	2.67E-05	1.26E-02	2.30E-03	9.53E-03	9.00E-15	0.00E+00	1.33E-01	1.28E-07	1.23E-05	7.79E-05	0.00E+00	2.43E-04	1.02E-09	2.98E-11	1.42E-03	2.53E-05	8.28E-04	7.32E-05	1.78E-05	3.83E-03	8.94E-02	0.00E+00	1.21E-10	1.57E-10	1.82E-05	4.77E-07	1.20E-02	0.00E+00	8.94E-02	2.35E-10	8.94E-02	1.01E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.22E-04
848512513	1.56E-04	7.76E-02	1.42E-02	5.59E-02	1.18E-13	0.00E+00	7.88E-01	7.56E-07	7.26E-05	4.58E-04	0.00E+00	1.49E-03	6.02E-09	1.76E-10	8.34E-03	1.48E-04	4.83E-03	3.16E-04	1.09E-04	2.26E-02	5.25E-01	0.00E+00	7.10E-10	9.22E-10	1.07E-04	2.78E-06	7.03E-02	0.00E+00	5.25E-01	1.44E-09	5.25E-01	5.96E-01	7.03E-02	0.00E+00	0.00E+00	0.00E+00	4.22E-03
848512514	1.32E-04	6.53E-02	1.19E-02	4.72E-02	9.40E-14	0.00E+00	6.65E-01	6.38E-07	6.12E-05	3.86E-04	0.00E+00	1.26E-03	5.08E-09	1.49E-10	7.03E-03	1.25E-04	4.08E-03	2.70E-04	9.21E-05	1.91E-02	4.43E-01	0.00E+00	5.99E-10	7.78E-10	9.00E-05	2.35E-06	5.93E-02	0.00E+00	4.43E-01	1.22E-09	4.43E-01	5.03E-01	5.93E-02	0.00E+00	0.00E+00	0.00E+00	3.56E-03
848602502	3.30E-05	1.58E-02	2.88E-03	1.18E-02	1.00E-15	0.00E+00	1.65E-01	1.59E-07	1.52E-05	9.64E-05	0.00E+00	3.04E-04	1.26E-09	3.70E-11	1.76E-03	3.13E-05	1.02E-03	8.38E-05	2.23E-05	4.75E-03	1.11E-01	0.00E+00	1.49E-10	1.94E-10	2.25E-05	5.89E-07	1.48E-02	0.00E+00	1.11E-01	2.95E-10	1.11E-01	1.25E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.92E-04
848602503	1.18E-04	5.85E-02	1.07E-02	4.23E-02	8.20E-14	0.00E+00	5.96E-01	5.72E-07	5.49E-05	3.46E-04	0.00E+00	1.13E-03	4.55E-09	1.33E-10	6.31E-03	1.12E-04	3.65E-03	2.43E-04	8.25E-05	1.71E-02	3.97E-01	0.00E+00	5.37E-10	6.98E-10	8.07E-05	2.10E-06	5.31E-02	0.00E+00	3.97E-01	1.09E-09	3.97E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
848602504	1.18E-04	5.85E-02	1.07E-02	4.23E-02	8.20E-14	0.00E+00	5.96E-01	5.72E-07	5.49E-05	3.46E-04	0.00E+00	1.13E-03	4.55E-09	1.33E-10	6.31E-03	1.12E-04	3.65E-03	2.43E-04	8.25E-05	1.71E-02	3.97E-01	0.00E+00	5.37E-10	6.98E-10	8.07E-05	2.10E-06	5.31E-02	0.00E+00	3.97E-01	1.09E-09	3.97E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
848602507	1.18E-04	5.85E-02	1.07E-02	4.23E-02	8.20E-14	0.00E+00	5.96E-01	5.72E-07	5.49E-05	3.46E-04	0.00E+00	1.13E-03	4.55E-09	1.33E-10	6.31E-03	1.12E-04	3.65E-03	2.43E-04	8.25E-05	1.71E-02	3.97E-01	0.00E+00	5.37E-10	6.98E-10	8.07E-05	2.10E-06	5.31E-02	0.00E+00	3.97E-01	1.09E-09	3.97E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
848602512	1.24E-04	6.12E-02	1.12E-02	4.43E-02	8.60E-14	0.00E+00	6.23E-01	5.98E-07	5.75E-05	3.62E-04	0.00E+00	1.18E-03	4.77E-09	1.39E-10	6.60E-03	1.17E-04	3.83E-03	2.55E-04	8.63E-05	1.79E-02	4.16E-01	0.00E+00	5.62E-10	7.30E-10	8.45E-05	2.20E-06	5.56E-02	0.00E+00	4.16E-01	1.14E-09	4.16E-01	4.72E-01	5.56E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
848612517	1.69E-04	8.40E-02	1.53E-02	6.05E-02	1.30E-13	0.00E+00	8.52E-01	8.18E-07	7.86E-05	4.95E-04	0.00E+00	1.62E-03	6.52E-09	1.91E-10	9.02E-03	1.60E-04	5.22E-03	3.39E-04	1.18E-04	2.45E-02	5.68E-01	0.00E+00	7.68E-10	9.98E-10	1.15E-04	3.01E-06	7.60E-02	0.00E+00	5.68E-01	1.56E-09	5.68E-01	6.44E-01	7.60E-02	0.00E+00	0.00E+00	0.00E+00	4.57E-03
848702502	2.78E-05	1.32E-02	2.41E-03	9.94E-03	6.00E-15	0.00E+00	1.39E-01	1.34E-07	1.28E-05	8.13E-05	0.00E+00	2.55E-04	1.07E-09	3.12E-11	1.48E-03	2.64E-05	8.64E-04	7.41E-05	1.86E-05	4.00E-03	9.33E-02	0.00E+00	1.26E-10	1.64E-10	1.89E-05	4.97E-07	1.25E-02	0.00E+00	9.33E-02	2.47E-10	9.33E-02	1.06E-01	1.25E-02	0.00E+00	0.00E+00	0.00E+00	7.53E-04
848702503	2.14E-05	1.01E-02	1.83E-03	7.66E-03	1.20E-14	0.00E+00	1.07E-01	1.03E-07	9.88E-06	6.26E-05	0.00E+00	1.93E-04	8.19E-10	2.39E-11	1.14E-03	2.03E-05	6.67E-04	6.22E-05	1.41E-05	3.07E-03	7.18E-02	0.00E+00	9.70E-11	1.26E-10	1.46E-05	3.84E-07	9.61E-03	0.00E+00	7.18E-02	1.87E-10	7.18E-02	8.14E-02	9.61E-03	0.00E+00	0.00E+00	0.00E+00	5.81E-04
848702504	2.51E-05	1.19E-02	2.17E-03	8.98E-03	9.00E-15	0.00E+00	1.26E-01	1.21E-07	1.16E-05	7.34E-05	0.00E+00	2.29E-04	9.61E-10	2.81E-11	1.34E-03	2.38E-05	7.81E-04	6.91E-05	1.67E-05	3.61E-03	8.42E-02	0.00E+00	1.14E-10	1.48E-10	1.71E-05	4.49E-07	1.13E-02	0.00E+00	8.42E-02	2.22E-10	8.42E-02	9.55E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.81E-04
848712502	1.32E-04	6.53E-02	1.19E-02	4.72E-02	9.60E-14	0.00E+00	6.64E-01	6.37E-07	6.12E-05	3.86E-04	0.00E+00	1.26E-03	5.08E-09	1.49E-10	7.03E-03	1.25E-04	4.07E-03	2.69E-04	9.20E-05	1.91E-02	4.43E-01	0.00E+00	5.98E-10	7.78E-10	9.00E-05	2.35E-06	5.92E-02	0.00E+00	4.43E-01	1.22E-09	4.43E-01	5.02E-01	5.92E-02	0.00E+00	0.00E+00	0.00E+00	3.56E-03
848712503	3.29E-05	1.58E-02	2.88E-03	1.18E-02	0.00E+00	0.00E+00	1.65E-01	1.59E-07	1.52E-05	9.63E-05	0.00E+00	3.04E-04	1.26E-09	3.69E-11	1.75E-03	3.12E-05	1.02E-03	8.31E-05	2.23E-05	4.74E-03	1.10E-01	0.00E+00	1.49E-10	1.94E-10	2.24E-05	5.88E-07	1.48E-02	0.00E+00	1.10E-01	2.95E-10	1.10E-01	1.25E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.91E-04
848712504	1.18E-04	5.85E-02	1.07E-02	4.23E-02	8.20E-14	0.00E+00	5.96E-01	5.72E-07	5.49E-05	3.46E-04	0.00E+00	1.13E-03	4.55E-09	1.33E-10	6.31E-03	1.12E-04	3.65E-03	2.43E-04	8.25E-05	1.71E-02	3.97E-01	0.00E+00	5.37E-10	6.98E-10	8.07E-05	2.10E-06	5.31E-02	0.00E+00	3.97E-01	1.09E-09	3.97E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
848712505	1.18E-04	5.85E-02	1.07E-02	4.23E-02	8.20E-14	0.00E+00	5.96E-01	5.72E-07	5.49E-05	3.46E-04	0.00E+00	1.13E-03	4.55E-09	1.33E-10	6.31E-03	1.12E-04	3.65E-03	2.43E-04	8.25E-05	1.71E-02	3.97E-01	0.00E+00	5.37E-10	6.98E-10	8.07E-05	2.10E-06	5.31E-02	0.00E+00	3.97E-01	1.09E-09	3.97E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
848712512	1.66E-04	8.23E-02	1.50E-02	5.93E-02	1.27E-13	0.00E+00	8.35E-01	8.01E-07	7.70E-05	4.85E-04	0.00E+00	1.58E-03	6.39E-09	1.87E-10	8.84E-03	1.57E-04	5.12E-03	3.33E-04	1.16E-04	2.40E-02	5.57E-01	0.00E+00	7.52E-10	9.78E-10	1.13E-04	2.95E-06	7.45E-02	0.00E+00	5.57E-01	1.53E-09	5.57E-01	6.31E-01	7.45E-02	0.00E+00	0.00E+00	0.00E+00	4.48E-03
848712513	1.24E-04	6.12E-02	1.12E-02	4.43E-02	8.60E-14	0.00E+00	6.23E-01	5.98E-07	5.75E-05	3.62E-04	0.00E+00	1.18E-03	4.77E-09	1.39E-10	6.60E-03	1.17E-04	3.83E-03	2.55E-04	8.63E-05	1.79E-02	4.16E-01	0.00E+00	5.62E-10	7.30E-10	8.45E-05	2.20E-06	5.56E-02	0.00E+00	4.16E-01	1.14E-09	4.16E-01	4.72E-01	5.56E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
848712514	2.15E-05	1.01E-02	1.83E-03	7.68E-03	1.40E-14	0.00E+00	1.07E-01	1.03E-07	9.91E-06	6.28E-05	0.00E+00	1.93E-04	8.21E-10	2.40E-11	1.14E-03	2.04E-05	6.69E-04	6.35E-05	1.41E-05	3.08E-03	7.20E-02	0.00E+00	9.74E-11	1.27E-10	1.46E-05	3.85E-07	9.64E-03	0.00E+00	7.20E-02	1.87E-10	7.20E-02	8.17E-02	9.64E-03	0.00E+00	0.00E+00	0.00E+00	5.83E-04
848812502	1.18E-04	5.85E-02	1.07E-02	4.23E-02	8.20E-14	0.00E+00	5.96E-01	5.72E-07	5.49E-05	3.46E-04	0.00E+00	1.13E-03	4.55E-09	1.33E-10	6.31E-03	1.12E-04	3.65E-03	2.43E-04	8.25E-05	1.71E-02	3.97E-01	0.00E+00	5.37E-10	6.98E-10	8.07E-05	2.10E-06	5.31E-02	0.00E+00	3.97E-01	1.09E-09	3.97E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
8618505	1.69E-05	7.89E-03	1.43E-03	6.03E-03	1.10E-14	0.00E+00	8.43E-02	8.11E-08	7.77E-06	4.93E-05	0.00E+00	1.52E-04	6.44E-10	1.88E-11	8.97E-04	1.60E-05	5.25E-04	4.96E-05	1.11E-05	2.42E-03	5.65E-02	0.00E+00	7.64E-11	9.93E-11	1.15E-05	3.02E-07	7.56E-03	0.00E+00	5.65E-02	1.47E-10	5.65E-02	6.41E-02	7.56E-03	0.00E+00	0.00E+00	0.00E+00	4.57E-04
861852501	8.42E-06	3.65E-03	6.59E-04	3.01E-03	2.00E-14	0.00E+00	4.17E-02	4.03E-08	3.85E-06	2.46E-05	0.00E+00	6.98E-05	3.19E-10	9.31E-12	4.47E-04	7.99E-06	2.65E-04	3.44E-05	5.13E-06	1.19E-03	2.81E-02	0.00E+00	3.80E-11	4.95E-11	5.72E-06	1.52E-07	3.77E-03	0.00E+00	2.81E-02	6.81E-11	2.81E-02	3.19E-02	3.77E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
861852502	1.41E-05	6.51E-03	1.18E-03	5.05E-03	1.40E-14	0.00E+00	7.05E-02	6.79E-08	6.50E-06	4.13E-05	0.00E+00	1.25E-04	5.39E-10	1.58E-11	7.51E-04	1.34E-05	4.41E-04	4.51E-05	9.15E-06	2.02E-03	4.73E-02	0.00E+00	6.39E-11	8.32E-11	9.62E-06	2.54E-07	6.33E-03	0.00E+00	4.73E-02	1.21E-10	4.73E-02	5.36E-02	6.33E-03	0.00E+00	0.00E+00	0.00E+00	3.84E-04
861852505	1.47E-05	6.82E-03	1.24E-03	5.26E-03	1.30E-14	0.00E+00	7.34E-02	7.07E-08	6.77E-06	4.30E-05	0.00E+00	1.31E-04	5.62E-10	1.64E-11	7.83E-04	1.40E-05	4.59E-04	4.56E-05	9.59E-06	2.11E-03	4.93E-02	0.00E+00	6.66E-11	8.66E-11	1.00E-05	2.64E-07	6.60E-03	0.00E+00	4.93E-02	1.27E-10	4.93E-02	5.59E-02	6.60E-03	0.00E+00	0.00E+00	0.00E+00	3.99E-04
8619505	4.20E-05	2.04E-02	3.73E-03	1.50E-02	1.20E-14	0.00E+00	2.11E-01	2.03E-07	1.95E-05	1.23E-04	0.00E+00	3.93E-04	1.61E-09	4.72E-11	2.24E-03	3.98E-05	1.30E-03	9.78E-05	2.88E-05	6.06E-03	1.41E-01	0.00E+00	1.91E-10	2.48E-10	2.87E-05	7.49E-07	1.89E-02	0.00E+00	1.41E-01	3.81E-10	1.41E-01	1.60E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
861952502	8.46E-06	3.66E-03	6.59E-04	3.02E-03	2.00E-14	0.00E+00	4.18E-02	4.04E-08	3.86E-06	2.47E-05	0.00E+00	6.98E-05	3.20E-10	9.35E-12	4.49E-04	8.03E-06	2.66E-04	3.51E-05	5.13E-06	1.20E-03	2.82E-02	0.00E+00	3.82E-11	4.97E-11	5.74E-06	1.53E-07	3.78E-03	0.00E+00	2.82E-02	6.81E-11	2.82E-02	3.20E-02	3.78E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
861952505	1.08E-05	4.83E-03	8.72E-04	3.85E-03	1.80E-14	0.00E+00	5.36E-02	5.17E-08	4.95E-06	3.15E-05	0.00E+00	9.24E-05	4.10E-10	1.20E-11	5.74E-04	1.02E-05	3.38E-04	3.94E-05	6.78E-06	1.54E-03	3.61E-02	0.00E+00	4.88E-11	6.35E-11	7.34E-06	1.94E-07	4.83E-03	0.00E+00	3.61E-02	8.99E-11	3.61E-02	4.09E-02	4.83E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
861952506	1.04E-05	4.65E-03	8.40E-04	3.73E-03	1.80E-14	0.00E+00	5.18E-02	5.00E-08	4.78E-06	3.05E-05	0.00E+00	8.90E-05	3.96E-10	1.16E-11	5.55E-04	9.91E-06	3.27E-04	3.88E-05	6.53E-06	1.49E-03	3.49E-02	0.00E+00	4.72E-11	6.14E-11	7.10E-06	1.88E-07	4.68E-03	0.00E+00	3.49E-02	8.66E-11	3.49E-02	3.96E-02	4.68E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
8624900	9.28E-06	4.23E-03	7.66E-04	3.32E-03	1.20E-14	0.00E+00	4.62E-02	4.46E-08	4.26E-06	2.71E-05	0.00E+00	8.10E-05	3.53E-10	1.03E-11	4.94E-04	8.81E-06	2.90E-04	3.14E-05	5.94E-06	1.33E-03	3.11E-02	0.00E+00	4.20E-11	5.46E-11	6.32E-06	1.67E-07	4.16E-03	0.00E+00	3.11E-02	7.87E-11	3.11E-02	3.52E-02	4.16E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
8624905	2.22E-05	1.04E-02	1.89E-03	7.92E-03	1.10E-14	0.00E+00	1.11E-01	1.07E-07	1.02E-05	6.48E-05	0.00E+00	2.00E-04	8.47E-10	2.48E-11	1.18E-03	2.10E-05	6.89E-04	6.36E-05	1.47E-05	3.18E-03	7.43E-02	0.00E+00	1.00E-10	1.30E-10	1.51E-05	3.97E-07	9.94E-03	0.00E+00	7.43E-02	1.94E-10	7.43E-02	8.42E-02	9.94E-03	0.00E+00	0.00E+00	0.00E+00	6.01E-04
862492502	1.95E-05	9.10E-03	1.65E-03	6.97E-03	1.40E-14	0.00E+00	9.75E-02	9.38E-08	8.99E-06	5.70E-05	0.00E+00	1.75E-04	7.45E-10	2.18E-11	1.04E-03	1.85E-05	6.08E-04	5.86E-05	1.28E-05	2.80E-03	6.54E-02	0.00E+00	8.84E-11	1.15E-10	1.33E-05	3.50E-07	8.75E-03	0.00E+00	6.54E-02	1.69E-10	6.54E-02	7.41E-02	8.75E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-04
862492505	2.32E-05	1.09E-02	1.99E-03	8.29E-03	1.00E-14	0.00E+00	1.16E-01	1.12E-07	1.07E-05	6.78E-05	0.00E+00	2.10E-04	8.87E-10	2.59E-11	1.23E-03	2.20E-05	7.21E-04	6.55E-05	1.54E-05	3.33E-03	7.77E-02	0.00E+00	1.05E-10	1.37E-10	1.58E-05	4.15E-07	1.04E-02	0.00E+00	7.77E-02	2.04E-10	7.77E-02	8.81E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.28E-04
862572502	3.04E-05	1.47E-02	2.67E-03	1.09E-02	4.00E-15	0.00E+00	1.52E-01	1.46E-07	1.40E-05	8.88E-05	0.00E+00	2.82E-04	1.16E-09	3.41E-11	1.62E-03	2.88E-05	9.41E-04	7.42E-05	2.06E-05	4.38E-03	1.02E-01	0.00E+00	1.38E-10	1.79E-10	2.07E-05	5.42E-07	1.36E-02	0.00E+00	1.02E-01	2.73E-10	1.02E-01	1.15E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	8.21E-04
862572505	2.80E-05	1.35E-02	2.46E-03	1.00E-02	1.00E-15	0.00E+00	1.40E-01	1.35E-07	1.29E-05	8.19E-05	0.00E+00	2.59E-04	1.07E-09	3.14E-11	1.49E-03	2.65E-05	8.68E-04	6.98E-05	1.90E-05	4.03E-03	9.39E-02	0.00E+00	1.27E-10	1.65E-10	1.91E-05	5.00E-07	1.26E-02	0.00E+00	9.39E-02	2.51E-10	9.39E-02	1.06E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.57E-04
8625900	3.40E-06	1.26E-03	2.23E-04	1.21E-03	1.80E-14	0.00E+00	1.65E-02	1.61E-08	1.53E-06	9.89E-06	0.00E+00	2.39E-05	1.26E-10	3.69E-12	1.80E-04	3.23E-06	1.09E-04	2.09E-05	1.76E-06	4.72E-04	1.13E-02	0.00E+00	1.53E-11	1.99E-11	2.30E-06	6.24E-08	1.51E-03	0.00E+00	1.13E-02	2.36E-11	1.13E-02	1.28E-02	1.51E-03	0.00E+00	0.00E+00	0.00E+00	9.36E-05
862622502	2.35E-05	1.09E-02	1.99E-03	8.38E-03	1.60E-14	0.00E+00	1.17E-01	1.13E-07	1.08E-05	6.85E-05	0.00E+00	2.10E-04	8.96E-10	2.62E-11	1.25E-03	2.22E-05	7.30E-04	7.01E-05	1.54E-05	3.36E-03	7.86E-02	0.00E+00	1.06E-10	1.38E-10	1.60E-05	4.20E-07	1.05E-02	0.00E+00	7.86E-02	2.04E-10	7.86E-02	8.91E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	6.36E-04
862622505	9.88E-06	4.47E-03	8.13E-04	3.66E-03	0.00E+00	0.00E+00	5.06E-02	4.88E-08	4.67E-06	2.92E-05	0.00E+00	8.57E-05	3.86E-10	1.14E-11	5.46E-04	9.34E-06	3.26E-04	4.26E-05	6.38E-06	1.51E-03	3.37E-02	0.00E+00	4.53E-11	5.92E-11	6.82E-06	1.77E-07	4.51E-03	0.00E+00	3.37E-02	8.36E-11	3.37E-02	3.83E-02	4.51E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
862622506	2.20E-05	1.02E-02	1.85E-03	7.85E-03	1.80E-14	0.00E+00	1.10E-01	1.06E-07	1.01E-05	6.42E-05	0.00E+00	1.96E-04	8.38E-10	2.45E-11	1.17E-03	2.08E-05	6.84E-04	6.73E-05	1.43E-05	3.15E-03	7.36E-02	0.00E+00	9.94E-11	1.29E-10	1.50E-05	3.94E-07	9.84E-03	0.00E+00	7.36E-02	1.90E-10	7.36E-02	8.34E-02	9.84E-03	0.00E+00	0.00E+00	0.00E+00	5.96E-04
8627205	6.24E-06	2.57E-03	4.60E-04	2.23E-03	2.20E-14	0.00E+00	3.07E-02	2.97E-08	2.83E-06	1.82E-05	0.00E+00	4.89E-05	2.35E-10	6.86E-12	3.31E-04	5.93E-06	1.97E-04	3.03E-05	3.59E-06	8.79E-04	2.08E-02	0.00E+00	2.82E-11	3.67E-11	4.23E-06	1.13E-07	2.79E-03	0.00E+00	2.08E-02	4.79E-11	2.08E-02	2.36E-02	2.79E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-04
863012502	2.74E-05	1.30E-02	2.37E-03	9.81E-03	7.00E-15	0.00E+00	1.37E-01	1.32E-07	1.27E-05	8.02E-05	0.00E+00	2.51E-04	1.05E-09	3.07E-11	1.46E-03	2.60E-05	8.52E-04	7.40E-05	1.84E-05	3.94E-03	9.20E-02	0.00E+00	1.24E-10	1.62E-10	1.87E-05	4.91E-07	1.23E-02	0.00E+00	9.20E-02	2.43E-10	9.20E-02	1.04E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.43E-04
863012505	1.24E-04	6.12E-02	1.12E-02	4.43E-02	8.60E-14	0.00E+00	6.23E-01	5.98E-07	5.75E-05	3.62E-04	0.00E+00	1.18E-03	4.77E-09	1.39E-10	6.60E-03	1.17E-04	3.83E-03	2.55E-04	8.63E-05	1.79E-02	4.16E-01	0.00E+00	5.62E-10	7.30E-10	8.45E-05	2.20E-06	5.56E-02	0.00E+00	4.16E-01	1.14E-09	4.16E-01	4.72E-01	5.56E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
863012512	1.74E-04	8.63E-02	1.58E-02	6.22E-02	1.33E-13	0.00E+00	8.77E-01	8.41E-07	8.08E-05	5.09E-04	0.00E+00	1.66E-03	6.70E-09	1.96E-10	9.28E-03	1.65E-04	5.37E-03	3.50E-04	1.22E-04	2.52E-02	5.85E-01	0.00E+00	7.90E-10	1.03E-09	1.19E-04	3.10E-06	7.82E-02	0.00E+00	5.85E-01	1.61E-09	5.85E-01	6.63E-01	7.82E-02	0.00E+00	0.00E+00	0.00E+00	4.70E-03
863012513	1.63E-05	7.41E-03	1.34E-03	5.81E-03	2.10E-14	0.00E+00	8.10E-02	7.81E-08	7.47E-06	4.75E-05	0.00E+00	1.42E-04	6.20E-10	1.81E-11	8.65E-04	1.54E-05	5.08E-04	5.49E-05	1.04E-05	2.32E-03	5.45E-02	0.00E+00	7.36E-11	9.58E-11	1.11E-05	2.93E-07	7.29E-03	0.00E+00	5.45E-02	1.38E-10	5.45E-02	6.18E-02	7.29E-03	0.00E+00	0.00E+00	0.00E+00	4.42E-04
863012514	1.61E-04	7.98E-02	1.46E-02	5.76E-02	1.20E-13	0.00E+00	8.11E-01	7.78E-07	7.47E-05	4.71E-04	0.00E+00	1.54E-03	6.20E-09	1.81E-10	8.58E-03	1.53E-04	4.97E-03	3.25E-04	1.12E-04	2.33E-02	5.41E-01	0.00E+00	7.30E-10	9.49E-10	1.10E-04	2.86E-06	7.23E-02	0.00E+00	5.41E-01	1.48E-09	5.41E-01	6.13E-01	7.23E-02	0.00E+00	0.00E+00	0.00E+00	4.35E-03
863012515	1.29E-04	6.40E-02	1.17E-02	4.63E-02	9.00E-14	0.00E+00	6.51E-01	6.25E-07	6.00E-05	3.78E-04	0.00E+00	1.23E-03	4.98E-09	1.46E-10	6.89E-03	1.23E-04	4.00E-03	2.66E-04	9.01E-05	1.87E-02	4.34E-01	0.00E+00	5.87E-10	7.63E-10	8.82E-05	2.30E-06	5.81E-02	0.00E+00	4.34E-01	1.19E-09	4.34E-01	4.92E-01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	3.49E-03
863012517	1.95E-05	9.04E-03	1.64E-03	6.98E-03	1.70E-14	0.00E+00	9.75E-02	9.39E-08	8.99E-06	5.71E-05	0.00E+00	1.73E-04	7.45E-10	2.18E-11	1.04E-03	1.85E-05	6.09E-04	6.10E-05	1.27E-05	2.80E-03	6.54E-02	0.00E+00	8.84E-11	1.15E-10	1.33E-05	3.50E-07	8.76E-03	0.00E+00	6.54E-02	1.68E-10	6.54E-02	7.42E-02	8.76E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-04
863512502	1.24E-04	6.12E-02	1.12E-02	4.43E-02	8.60E-14	0.00E+00	6.23E-01	5.98E-07	5.75E-05	3.62E-04	0.00E+00	1.18E-03	4.77E-09	1.39E-10	6.60E-03	1.17E-04	3.83E-03	2.55E-04	8.63E-05	1.79E-02	4.16E-01	0.00E+00	5.62E-10	7.30E-10	8.45E-05	2.20E-06	5.56E-02	0.00E+00	4.16E-01	1.14E-09	4.16E-01	4.72E-01	5.56E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
863512503	1.24E-04	6.12E-02	1.12E-02	4.43E-02	8.60E-14	0.00E+00	6.23E-01	5.98E-07	5.75E-05	3.62E-04	0.00E+00	1.18E-03	4.77E-09	1.39E-10	6.60E-03	1.17E-04	3.83E-03	2.55E-04	8.63E-05	1.79E-02	4.16E-01	0.00E+00	5.62E-10	7.30E-10	8.45E-05	2.20E-06	5.56E-02	0.00E+00	4.16E-01	1.14E-09	4.16E-01	4.72E-01	5.56E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
863512504	2.24E-05	1.05E-02	1.91E-03	8.02E-03	1.30E-14	0.00E+00	1.12E-01	1.08E-07	1.03E-05	6.56E-05	0.00E+00	2.02E-04	8.58E-10	2.51E-11	1.19E-03	2.13E-05	6.99E-04	6.53E-05	1.48E-05	3.22E-03	7.52E-02	0.00E+00	1.02E-10	1.32E-10	1.53E-05	4.02E-07	1.01E-02	0.00E+00	7.52E-02	1.96E-10	7.52E-02	8.53E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	6.09E-04
9418505	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.48E-09	4.34E-11	2.00E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.23E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03

9418525	3.77E-05	1.83E-02	3.34E-03	1.35E-02	8.00E-15	0.00E+00	1.90E-01	1.82E-07	1.75E-05	1.10E-04	0.00E+00	3.52E-04	1.45E-09	4.24E-11	2.01E-03	3.58E-05	1.17E-03	8.98E-05	2.58E-05	5.45E-03	1.27E-01	0.00E+00	1.71E-10	2.23E-10	2.57E-05	6.73E-07	1.69E-02	0.00E+00	1.27E-01	3.41E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03
941852501	3.74E-05	1.81E-02	3.31E-03	1.34E-02	8.00E-15	0.00E+00	1.88E-01	1.80E-07	1.73E-05	1.09E-04	0.00E+00	3.49E-04	1.43E-09	4.20E-11	1.99E-03	3.54E-05	1.16E-03	8.91E-05	2.55E-05	5.39E-03	1.25E-01	0.00E+00	1.69E-10	2.20E-10	2.55E-05	6.67E-07	1.68E-02	0.00E+00	1.25E-01	3.37E-10	1.25E-01	1.42E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
941852502	4.26E-05	1.89E-02	3.56E-03	1.53E-02	0.00E+00	0.00E+00	2.21E-01	2.10E-07	2.03E-05	1.26E-04	0.00E+00	3.73E-04	1.69E-09	4.94E-11	2.28E-03	4.09E-05	1.26E-03	0.00E+00	2.66E-05	6.28E-03	1.45E-01	0.00E+00	1.96E-10	2.54E-10	2.95E-05	7.53E-07	1.94E-02	0.00E+00	1.45E-01	3.56E-10	1.45E-01	1.65E-01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
941852505	4.26E-05	1.89E-02	3.56E-03	1.53E-02	0.00E+00	0.00E+00	2.21E-01	2.10E-07	2.03E-05	1.26E-04	0.00E+00	3.73E-04	1.69E-09	4.94E-11	2.28E-03	4.09E-05	1.26E-03	0.00E+00	2.66E-05	6.28E-03	1.45E-01	0.00E+00	1.96E-10	2.54E-10	2.95E-05	7.53E-07	1.94E-02	0.00E+00	1.45E-01	3.56E-10	1.45E-01	1.65E-01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
941852506	3.12E-05	1.50E-02	2.74E-03	1.12E-02	0.00E+00	0.00E+00	1.57E-01	1.51E-07	1.44E-05	9.13E-05	0.00E+00	2.89E-04	1.20E-09	3.50E-11	1.66E-03	2.96E-05	9.68E-04	7.88E-05	2.11E-05	4.50E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.58E-07	1.40E-02	0.00E+00	1.05E-01	2.79E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.45E-04
9419505	4.26E-05	1.89E-02	3.56E-03	1.53E-02	0.00E+00	0.00E+00	2.21E-01	2.10E-07	2.03E-05	1.26E-04	0.00E+00	3.73E-04	1.69E-09	4.94E-11	2.28E-03	4.09E-05	1.26E-03	0.00E+00	2.66E-05	6.28E-03	1.45E-01	0.00E+00	1.96E-10	2.54E-10	2.95E-05	7.53E-07	1.94E-02	0.00E+00	1.45E-01	3.56E-10	1.45E-01	1.65E-01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
941952501	3.31E-05	1.60E-02	2.91E-03	1.19E-02	2.00E-15	0.00E+00	1.66E-01	1.60E-07	1.53E-05	9.70E-05	0.00E+00	3.07E-04	1.27E-09	3.72E-11	1.77E-03	3.14E-05	1.03E-03	8.24E-05	2.25E-05	4.78E-03	1.11E-01	0.00E+00	1.50E-10	1.95E-10	2.26E-05	5.92E-07	1.49E-02	0.00E+00	1.11E-01	2.97E-10	1.11E-01	1.26E-01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	8.97E-04
941952502	4.26E-05	1.89E-02	3.56E-03	1.53E-02	0.00E+00	0.00E+00	2.21E-01	2.10E-07	2.03E-05	1.26E-04	0.00E+00	3.73E-04	1.69E-09	4.94E-11	2.28E-03	4.09E-05	1.26E-03	0.00E+00	2.66E-05	6.28E-03	1.45E-01	0.00E+00	1.96E-10	2.54E-10	2.95E-05	7.53E-07	1.94E-02	0.00E+00	1.45E-01	3.56E-10	1.45E-01	1.65E-01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
941952505	4.26E-05	1.89E-02	3.56E-03	1.53E-02	0.00E+00	0.00E+00	2.21E-01	2.10E-07	2.03E-05	1.26E-04	0.00E+00	3.73E-04	1.69E-09	4.94E-11	2.28E-03	4.09E-05	1.26E-03	0.00E+00	2.66E-05	6.28E-03	1.45E-01	0.00E+00	1.96E-10	2.54E-10	2.95E-05	7.53E-07	1.94E-02	0.00E+00	1.45E-01	3.56E-10	1.45E-01	1.65E-01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
941952506	4.26E-05	1.89E-02	3.56E-03	1.53E-02	0.00E+00	0.00E+00	2.21E-01	2.10E-07	2.03E-05	1.26E-04	0.00E+00	3.73E-04	1.69E-09	4.94E-11	2.28E-03	4.09E-05	1.26E-03	0.00E+00	2.66E-05	6.28E-03	1.45E-01	0.00E+00	1.96E-10	2.54E-10	2.95E-05	7.53E-07	1.94E-02	0.00E+00	1.45E-01	3.56E-10	1.45E-01	1.65E-01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
9419605	1.77E-05	8.22E-03	1.49E-03	6.32E-03	1.40E-14	0.00E+00	8.83E-02	8.50E-08	8.14E-06	5.17E-05	0.00E+00	1.58E-04	6.75E-10	1.97E-11	9.40E-04	1.68E-05	5.51E-04	5.40E-05	1.16E-05	2.53E-03	5.92E-02	0.00E+00	8.00E-11	1.04E-10	1.20E-05	3.17E-07	7.92E-03	0.00E+00	5.92E-02	1.53E-10	5.92E-02	6.71E-02	7.92E-03	0.00E+00	0.00E+00	0.00E+00	4.80E-04
9419609	1.16E-04	5.73E-02	1.05E-02	4.14E-02	8.30E-14	0.00E+00	5.83E-01	5.60E-07	5.38E-05	3.39E-04	0.00E+00	1.10E-03	4.46E-09	1.30E-10	6.17E-03	1.10E-04	3.58E-03	2.37E-04	8.08E-05	1.68E-02	3.89E-01	0.00E+00	5.26E-10	6.83E-10	7.91E-05	2.06E-06	5.20E-02	0.00E+00	3.89E-01	1.07E-09	3.89E-01	4.41E-01	5.20E-02	0.00E+00	0.00E+00	0.00E+00	3.13E-03
9419705	4.09E-05	1.98E-02	3.60E-03	1.46E-02	6.00E-15	0.00E+00	2.05E-01	1.97E-07	1.89E-05	1.20E-04	0.00E+00	3.80E-04	1.57E-09	4.59E-11	2.18E-03	3.87E-05	1.27E-03	9.91E-05	2.78E-05	5.89E-03	1.37E-01	0.00E+00	1.85E-10	2.41E-10	2.79E-05	7.29E-07	1.83E-02	0.00E+00	1.37E-01	3.68E-10	1.37E-01	1.55E-01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
9419709	5.73E-05	2.80E-02	5.10E-03	2.05E-02	1.90E-14	0.00E+00	2.88E-01	2.77E-07	2.66E-05	1.68E-04	0.00E+00	5.38E-04	2.20E-09	6.44E-11	3.05E-03	5.44E-05	1.77E-03	1.32E-04	3.94E-05	8.28E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.20E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
9419728	2.50E-05	1.17E-02	2.13E-03	8.93E-03	1.50E-14	0.00E+00	1.25E-01	1.20E-07	1.15E-05	7.31E-05	0.00E+00	2.25E-04	9.56E-10	2.79E-11	1.33E-03	2.37E-05	7.78E-04	7.30E-05	1.65E-05	3.59E-03	8.38E-02	0.00E+00	1.13E-10	1.47E-10	1.70E-05	4.48E-07	1.12E-02	0.00E+00	8.38E-02	2.18E-10	8.38E-02	9.50E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.78E-04
9419805	6.25E-05	3.07E-02	5.60E-03	2.24E-02	3.10E-14	0.00E+00	3.14E-01	3.02E-07	2.90E-05	1.83E-04	0.00E+00	5.90E-04	2.40E-09	7.03E-11	3.33E-03	5.93E-05	1.93E-03	1.37E-04	4.32E-05	9.03E-03	2.10E-01	0.00E+00	2.84E-10	3.69E-10	4.26E-05	1.11E-06	2.81E-02	0.00E+00	2.10E-01	5.71E-10	2.10E-01	2.38E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.69E-03
9419909	3.94E-05	1.90E-02	3.46E-03	1.41E-02	3.00E-15	0.00E+00	1.98E-01	1.90E-07	1.82E-05	1.15E-04	0.00E+00	3.65E-04	1.51E-09	4.42E-11	2.10E-03	3.73E-05	1.22E-03	9.75E-05	2.67E-05	5.68E-03	1.32E-01	0.00E+00	1.79E-10	2.32E-10	2.69E-05	7.03E-07	1.77E-02	0.00E+00	1.32E-01	3.53E-10	1.32E-01	1.50E-01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
9429603	3.74E-05	1.79E-02	3.27E-03	1.34E-02	3.00E-15	0.00E+00	1.88E-01	1.80E-07	1.73E-05	1.09E-04	0.00E+00	3.45E-04	1.43E-09	4.20E-11	1.99E-03	3.55E-05	1.16E-03	9.62E-05	2.52E-05	5.39E-03	1.26E-01	0.00E+00	1.70E-10	2.21E-10	2.55E-05	6.69E-07	1.68E-02	0.00E+00	1.26E-01	3.34E-10	1.26E-01	1.42E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
9429605	3.70E-04	1.85E-01	3.38E-02	1.33E-01	3.21E-13	0.00E+00	1.87E+00	1.79E-06	1.72E-04	1.08E-03	0.00E+00	3.56E-03	1.43E-08	4.18E-10	1.98E-02	3.51E-04	1.14E-02	7.19E-04	2.60E-04	5.37E-02	1.25E+00	0.00E+00	1.68E-09	2.19E-09	2.53E-04	6.59E-06	1.66E-01	0.00E+00	1.25E+00	3.43E-09	1.25E+00	1.41E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	1.00E-02
9429606	3.60E-04	1.79E-01	3.28E-02	1.29E-01	3.11E-13	0.00E+00	1.81E+00	1.74E-06	1.67E-04	1.05E-03	0.00E+00	3.46E-03	1.39E-08	4.06E-10	1.92E-02	3.41E-04	1.11E-02	7.00E-04	2.53E-04	5.22E-02	1.21E+00	0.00E+00	1.63E-09	2.12E-09	2.46E-04	6.40E-06	1.62E-01	0.00E+00	1.21E+00	3.34E-09	1.21E+00	1.37E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	9.72E-03
9429619	2.47E-05	1.15E-02	2.10E-03	8.84E-03	1.80E-14	0.00E+00	1.24E-01	1.19E-07	1.14E-05	7.23E-05	0.00E+00	2.21E-04	9.45E-10	2.76E-11	1.32E-03	2.35E-05	7.70E-04	7.42E-05	1.62E-05	3.55E-03	8.29E-02	0.00E+00	1.12E-10	1.46E-10	1.68E-05	4.43E-07	1.11E-02	0.00E+00	8.29E-02	2.15E-10	8.29E-02	9.40E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.71E-04
9451705	3.73E-05	1.83E-02	3.34E-03	1.34E-02	1.70E-14	0.00E+00	1.88E-01	1.80E-07	1.73E-05	1.09E-04	0.00E+00	3.52E-04	1.44E-09	4.20E-11	1.99E-03	3.54E-05	1.15E-03	8.26E-05	2.58E-05	5.39E-03	1.25E-01	0.00E+00	1.69E-10	2.20E-10	2.55E-05	6.65E-07	1.68E-02	0.00E+00	1.25E-01	3.40E-10	1.25E-01	1.42E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
945172501	3.40E-05	1.66E-02	3.03E-03	1.21E-02	1.40E-14	0.00E+00	1.71E-01	1.64E-07	1.57E-05	9.94E-05	0.00E+00	3.20E-04	1.31E-09	3.82E-11	1.81E-03	3.22E-05	1.05E-03	7.63E-05	2.34E-05	4.91E-03	1.14E-01	0.00E+00	1.54E-10	2.00E-10	2.32E-05	6.05E-07	1.53E-02	0.00E+00	1.14E-01	3.09E-10	1.14E-01	1.29E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	9.18E-04
945172505	3.40E-05	1.66E-02	3.03E-03	1.21E-02	1.40E-14	0.00E+00	1.71E-01	1.64E-07	1.57E-05	9.94E-05	0.00E+00	3.20E-04	1.31E-09	3.82E-11	1.81E-03	3.22E-05	1.05E-03	7.63E-05	2.34E-05	4.91E-03	1.14E-01	0.00E+00	1.54E-10	2.00E-10	2.32E-05	6.05E-07	1.53E-02	0.00E+00	1.14E-01	3.09E-10	1.14E-01	1.29E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	9.18E-04
945172507	4.14E-05	2.03E-02	3.71E-03	1.48E-02	2.10E-14	0.00E+00	2.08E-01	2.00E-07	1.92E-05	1.21E-04	0.00E+00	3.91E-04	1.59E-09	4.66E-11	2.21E-03	3.93E-05	1.28E-03	9.02E-05	2.86E-05	5.98E-03	1.39E-01	0.00E+00	1.88E-10	2.44E-10	2.82E-05	7.38E-07	1.86E-02	0.00E+00	1.39E-01	3.78E-10	1.39E-01	1.58E-01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-03
945172509	4.38E-05	2.05E-02	3.51E-03	1.70E-02	0.00E+00	0.00E+00	2.19E-01	2.18E-07	2.04E-05	1.29E-04	0.00E+00	3.72E-04	1.67E-09	4.96E-11	2.56E-03	4.03E-05	1.72E-03	5.33E-04	3.00E-05	7.14E-03	1.50E-01	0.00E+00	1.98E-10	2.64E-10	3.00E-05	8.07E-07	2.01E-02	0.00E+00	1.50E-01	3.78E-10	1.50E-01	1.70E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
945702505	6.62E-05	3.27E-02	5.97E-03	2.37E-02	4.10E-14	0.00E+00	3.33E-01	3.20E-07	3.07E-05	1.94E-04	0.00E+00	6.29E-04	2.55E-09	7.46E-11	3.53E-03	6.28E-05	2.05E-03	1.40E-04	4.60E-05	9.58E-03	2.23E-01	0.00E+00	3.01E-10	3.91E-10	4.52E-05	1.18E-06	2.98E-02	0.00E+00	2.23E-01	6.08E-10	2.23E-01	2.52E-01	2.98E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
945702515	5.28E-05	2.59E-02	4.73E-03	1.89E-02	2.50E-14	0.00E+00	2.65E-01	2.55E-07	2.45E-05	1.54E-04	0.00E+00	4.98E-04	2.03E-09	5.94E-11	2.81E-03	5.00E-05	1.63E-03	1.16E-04	3.65E-05	7.63E-03	1.77E-01	0.00E+00	2.39E-10	3.11E-10	3.60E-05	9.40E-07	2.37E-02	0.00E+00	1.77E-01	4.82E-10	1.77E-01	2.01E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
945712501	5.72E-05	2.82E-02	5.15E-03	2.05E-02	3.30E-14	0.00E+00	2.88E-01	2.77E-07	2.65E-05	1.67E-04	0.00E+00	5.43E-04	2.20E-09	6.44E-11	3.05E-03	5.43E-05	1.77E-03	1.22E-04	3.97E-05	8.28E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.24E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
945712505	5.65E-05	2.78E-02	5.09E-03	2.02E-02	3.30E-14	0.00E+00	2.85E-01	2.73E-07	2.62E-05	1.65E-04	0.00E+00	5.36E-04	2.18E-09	6.37E-11	3.01E-03	5.36E-05	1.75E-03	1.21E-04	3.92E-05	8.18E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.86E-05	1.01E-06	2.54E-02	0.00E+00	1.90E-01	5.18E-10	1.90E-01	2.15E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
945712507	5.72E-05	2.82E-02	5.15E-03	2.05E-02	3.30E-14	0.00E+00	2.88E-01	2.77E-07	2.65E-05	1.67E-04	0.00E+00	5.43E-04	2.20E-09	6.44E-11	3.05E-03	5.43E-05	1.77E-03	1.22E-04	3.97E-05	8.28E-03	1.92E-01	0.00E+00	2.60E-10	3.38E-10	3.91E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.24E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
945712509	5.67E-05	2.79E-02	5.10E-03	2.03E-02	3.30E-14	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.37E-04	2.18E-09	6.38E-11	3.02E-03	5.37E-05	1.75E-03	1.21E-04	3.93E-05	8.20E-03	1.90E-01	0.00E+00	2.57E-10	3.34E-10	3.87E-05	1.01E-06	2.55E-02	0.00E+00	1.90E-01	5.19E-10	1.90E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
947132502	9.30E-06	4.13E-03	7.46E-04	3.32E-03	1.70E-14	0.00E+00	4.61E-02	4.45E-08	4.26E-06	2.71E-05	0.00E+00	7.90E-05	3.53E-10	1.03E-11	4.94E-04	8.82E-06	2.91E-04	3.49E-05	5.79E-06	1.32E-03	3.11E-02	0.00E+00	4.20E-11	5.47E-11	6.32E-06	1.68E-07	4.16E-03	0.00E+00	3.11E-02	7.69E-11	3.11E-02	3.52E-02	4.16E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
947132503	3.75E-06	1.40E-03	2.48E-04	1.33E-03	2.00E-14	0.00E+00	1.82E-02	1.77E-08	1.68E-06	1.09E-05	0.00E+00	2.65E-05	1.39E-10	4.07E-12	1.98E-04	3.56E-06	1.20E-04	2.28E-05	1.96E-06	5.21E-04	1.24E-02	0.00E+00	1.69E-11	2.20E-11	2.53E-06	6.87E-08	1.67E-03	0.00E+00	1.24E-02	2.62E-11	1.24E-02	1.41E-02	1.67E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-04
947132504	9.30E-06	4.13E-03	7.46E-04	3.32E-03	1.70E-14	0.00E+00	4.61E-02	4.45E-08	4.26E-06	2.71E-05	0.00E+00	7.90E-05	3.53E-10	1.03E-11	4.94E-04	8.82E-06	2.91E-04	3.49E-05	5.79E-06	1.32E-03	3.11E-02	0.00E+00	4.20E-11	5.47E-11	6.32E-06	1.68E-07	4.16E-03	0.00E+00	3.11E-02	7.69E-11	3.11E-02	3.52E-02	4.16E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
947132505	8.07E-06	3.52E-03	6.34E-04	2.88E-03	1.80E-14	0.00E+00	4.00E-02	3.86E-08	3.69E-06	2.36E-05	0.00E+00	6.72E-05	3.06E-10	8.93E-12	4.29E-04	7.66E-06	2.54E-04	3.26E-05	4.93E-06	1.15E-03	2.70E-02	0.00E+00	3.65E-11	4.75E-11	5.48E-06	1.46E-07	3.61E-03	0.00E+00	2.70E-02	6.55E-11	2.70E-02	3.06E-02	3.61E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-04
947132506	9.30E-06	4.13E-03	7.46E-04	3.32E-03	1.70E-14	0.00E+00	4.61E-02	4.45E-08	4.26E-06	2.71E-05	0.00E+00	7.90E-05	3.53E-10	1.03E-11	4.94E-04	8.82E-06	2.91E-04	3.49E-05	5.79E-06	1.32E-03	3.11E-02	0.00E+00	4.20E-11	5.47E-11	6.32E-06	1.68E-07	4.16E-03	0.00E+00	3.11E-02	7.69E-11	3.11E-02	3.52E-02	4.16E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
947132576	1.55E-05	7.21E-03	1.31E-03	5.53E-03	1.10E-14	0.00E+00	7.73E-02	7.44E-08	7.12E-06	4.52E-05	0.00E+00	1.38E-04	5.91E-10	1.73E-11	8.23E-04	1.47E-05	4.82E-04	4.64E-05	1.01E-05	2.22E-03	5.18E-02	0.00E+00	7.00E-11	9.11E-11	1.05E-05	2.77E-07	6.93E-03	0.00E+00	5.18E-02	1.34E-10	5.18E-02	5.87E-02	6.93E-03	0.00E+00	0.00E+00	0.00E+00	4.20E-04
947782501	2.01E-05	9.56E-03	1.74E-03	7.18E-03	5.00E-15	0.00E+00	1.01E-01	9.68E-08	9.28E-06	5.87E-05	0.00E+00	1.84E-04	7.69E-10	2.25E-11	1.07E-03	1.91E-05	6.24E-04	5.39E-05	1.35E-05	2.89E-03	6.74E-02	0.00E+00	9.10E-11	1.18E-10	1.37E-05	3.59E-07	9.01E-03	0.00E+00	6.74E-02	1.78E-10	6.74E-02	7.64E-02	9.01E-03	0.00E+00	0.00E+00	0.00E+00	5.44E-04
947782502	3.47E-05	1.69E-02	3.07E-03	1.24E-02	8.00E-15	0.00E+00	1.74E-01	1.68E-07	1.61E-05	1.02E-04	0.00E+00	3.24E-04	1.33E-09	3.90E-11	1.85E-03	3.29E-05	1.08E-03	8.24E-05	2.37E-05	5.01E-03	1.17E-01	0.00E+00	1.57E-10	2.05E-10	2.37E-05	6.20E-07	1.56E-02	0.00E+00	1.17E-01	3.14E-10	1.17E-01	1.32E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.39E-04
947782503	3.57E-05	1.73E-02	3.16E-03	1.28E-02	9.00E-15	0.00E+00	1.79E-01	1.72E-07	1.65E-05	1.04E-04	0.00E+00	3.33E-04	1.37E-09	4.01E-11	1.90E-03	3.38E-05	1.11E-03	8.42E-05	2.44E-05	5.15E-03	1.20E-01	0.00E+00	1.62E-10	2.10E-10	2.43E-05	6.36E-07	1.60E-02	0.00E+00	1.20E-01	3.22E-10	1.20E-01	1.36E-01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	9.65E-04
947782505	3.59E-05	1.74E-02	3.18E-03	1.28E-02	9.00E-15	0.00E+00	1.80E-01	1.73E-07	1.66E-05	1.05E-04	0.00E+00	3.35E-04	1.38E-09	4.03E-11	1.91E-03	3.40E-05	1.11E-03	8.46E-05	2.46E-05	5.18E-03	1.20E-01	0.00E+00	1.63E-10	2.12E-10	2.45E-05	6.40E-07	1.61E-02	0.00E+00	1.20E-01	3.25E-10	1.20E-01	1.37E-01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	9.71E-04
947782506	3.57E-05	1.73E-02	3.16E-03	1.28E-02	9.00E-15	0.00E+00	1.79E-01	1.72E-07	1.65E-05	1.04E-04	0.00E+00	3.33E-04	1.37E-09	4.01E-11	1.90E-03	3.38E-05	1.11E-03	8.42E-05	2.44E-05	5.15E-03	1.20E-01	0.00E+00	1.62E-10	2.10E-10	2.43E-05	6.36E-07	1.60E-02	0.00E+00	1.20E-01	3.22E-10	1.20E-01	1.36E-01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	9.65E-04
947782512	3.86E-05	1.88E-02	3.43E-03	1.38E-02	1.20E-14	0.00E+00	1.94E-01	1.86E-07	1.79E-05	1.13E-04	0.00E+00	3.62E-04	1.48E-09	4.34E-11	2.06E-03	3.66E-05	1.20E-03	8.97E-05	2.65E-05	5.57E-03	1.30E-01	0.00E+00	1.75E-10	2.28E-10	2.63E-05	6.89E-07	1.73E-02	0.00E+00	1.30E-01	3.50E-10	1.30E-01	1.47E-01	1.73E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
947792501	3.78E-05	1.84E-02	3.36E-03	1.35E-02	1.10E-14	0.00E+00	1.90E-01	1.83E-07	1.75E-05	1.11E-04	0.00E+00	3.54E-04	1.45E-09	4.25E-11	2.02E-03	3.59E-05	1.17E-03	8.82E-05	2.59E-05	5.46E-03	1.27E-01	0.00E+00	1.72E-10	2.23E-10	2.58E-05	6.75E-07	1.70E-02	0.00E+00	1.27E-01	3.42E-10	1.27E-01	1.44E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03
947792502	3.82E-05	1.86E-02	3.39E-03	1.37E-02	1.10E-14	0.00E+00	1.92E-01	1.84E-07	1.77E-05	1.12E-04	0.00E+00	3.58E-04	1.47E-09	4.29E-11	2.04E-03	3.62E-05	1.18E-03	8.89E-05	2.62E-05	5.51E-03	1.28E-01	0.00E+00	1.73E-10	2.25E-10	2.61E-05	6.81E-07	1.72E-02	0.00E+00	1.28E-01	3.46E-10	1.28E-01	1.45E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
947792503	3.49E-05	1.69E-02	3.09E-03	1.25E-02	8.00E-15	0.00E+00	1.75E-01	1.68E-07	1.62E-05	1.02E-04	0.00E+00	3.26E-04	1.34E-09	3.92E-11	1.86E-03	3.31E-05	1.08E-03	8.28E-05	2.39E-05	5.04E-03	1.17E-01	0.00E+00	1.58E-10	2.06E-10	2.38E-05	6.23E-07	1.57E-02	0.00E+00	1.17E-01	3.15E-10	1.17E-01	1.33E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	9.44E-04
947792505	3.97E-05	1.94E-02	3.53E-03	1.42E-02	1.40E-14	0.00E+00	2.00E-01	1.92E-07	1.84E-05	1.16E-04	0.00E+00	3.73E-04	1.53E-09	4.46E-11	2.12E-03	3.77E-05	1.23E-03	9.11E-05	2.73E-05	5.73E-03	1.33E-01	0.00E+00	1.80E-10	2.34E-10	2.71E-05	7.08E-07	1.78E-02	0.00E+00	1.33E-01	3.60E-10	1.33E-01	1.51E-01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
947792506	3.95E-05	1.93E-02	3.52E-03	1.41E-02	1.30E-14	0.00E+00	1.99E-01	1.91E-07	1.83E-05	1.16E-04	0.00E+00	3.71E-04	1.52E-09	4.44E-11	2.11E-03	3.75E-05	1.22E-03	9.08E-05	2.71E-05	5.71E-03	1.33E-01	0.00E+00	1.79E-10	2.33E-10	2.70E-05	7.05E-07	1.77E-02	0.00E+00	1.33E-01	3.59E-10	1.33E-01	1.50E-01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
961842501	2.01E-05	9.56E-03	1.74E-03	7.19E-03	6.00E-15	0.00E+00	1.01E-01	9.69E-08	9.29E-06	5.88E-05	0.00E+00	1.84E-04	7.71E-10	2.25E-11	1.07E-03	1.91E-05	6.25E-04	5.45E-05	1.35E-05	2.89E-03	6.75E-02	0.00E+00	9.12E-11	1.19E-10	1.37E-05	3.60E-07	9.03E-03	0.00E+00	6.75E-02	1.78E-10	6.75E-02	7.65E-02	9.03E-03	0.00E+00	0.00E+00	0.00E+00	5.45E-04
9618505	3.30E-05	1.59E-02	2.89E-03	1.18E-02	1.00E-15	0.00E+00	1.66E-01	1.59E-07	1.53E-05	9.65E-05	0.00E+00	3.05E-04	1.27E-09	3.70E-11	1.76E-03	3.13E-05	1.02E-03	8.27E-05	2.24E-05	4.75E-03	1.11E-01	0.00E+00	1.50E-10	1.94E-10	2.25E-05	5.89E-07	1.48E-02	0.00E+00	1.11E-01	2.96E-10	1.11E-01	1.26E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.93E-04
961852501	3.38E-05	1.63E-02	2.97E-03	1.21E-02	2.00E-15	0.00E+00	1.70E-01	1.63E-07	1.56E-05	9.88E-05	0.00E+00	3.13E-04	1.30E-09	3.79E-11	1.80E-03	3.20E-05	1.05E-03	8.41E-05	2.29E-05	4.87E-03	1.13E-01	0.00E+00	1.53E-10	1.99E-10	2.30E-05	6.03E-07	1.52E-02	0.00E+00	1.13E-01	3.03E-10	1.13E-01	1.29E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	9.14E-04
961852502	4.03E-05	1.96E-02	3.57E-03	1.44E-02	1.00E-14	0.00E+00	2.03E-01	1.95E-07	1.87E-05	1.18E-04	0.00E+00	3.77E-04	1.55E-09	4.53E-11	2.15E-03	3.82E-05	1.25E-03	9.52E-05	2.76E-05	5.82E-03	1.35E-01	0.00E+00	1.83E-10	2.38E-10	2.75E-05	7.19E-07	1.81E-02	0.00E+00	1.35E-01	3.64E-10	1.35E-01	1.53E-01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
961852505	3.72E-05	1.80E-02	3.29E-03	1.33E-02	7.00E-15	0.00E+00	1.87E-01	1.79E-07	1.72E-05	1.09E-04	0.00E+00	3.47E-04	1.43E-09	4.18E-11	1.98E-03	3.53E-05	1.15E-03	8.93E-05	2.54E-05	5.36E-03	1.25E-01	0.00E+00	1.69E-10	2.19E-10	2.54E-05	6.64E-07	1.67E-02	0.00E+00	1.25E-01	3.35E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
961852506	3.47E-05	1.68E-02	3.06E-03	1.24E-02	3.00E-15	0.00E+00	1.74E-01	1.67E-07	1.61E-05	1.02E-04	0.00E+00	3.22E-04	1.33E-09	3.90E-11	1.85E-03	3.29E-05	1.08E-03	8.53E-05	2.36E-05	5.01E-03	1.17E-01	0.00E+00	1.57E-10	2.05E-10	2.37E-05	6.20E-07	1.56E-02	0.00E+00	1.17E-01	3.12E-10	1.17E-01	1.32E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.40E-04
9619405	2.42E-05	1.15E-02	2.10E-03	8.64E-03	5.00E-15	0.00E+00	1.21E-01	1.16E-07	1.12E-05	7.07E-05	0.00E+00	2.21E-04	9.26E-10	2.71E-11	1.29E-03	2.29E-05	7.50E-04	6.44E-05	1.62E-05	3.48E-03	8.10E-02	0.00E+00	1.10E-10	1.42E-10	1.65E-05	4.32E-07	1.08E-02	0.00E+00	8.10E-02	2.14E-10	8.10E-02	9.19E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.54E-04
961942502	2.70E-05	1.29E-02	2.34E-03	9.64E-03	4.00E-15	0.00E+00	1.35E-01	1.30E-07	1.25E-05	7.88E-05	0.00E+00	2.48E-04	1.03E-09	3.02E-11	1.44E-03	2.56E-05	8.37E-04	7.08E-05	1.81E-05	3.88E-03	9.04E-02	0.00E+00	1.22E-10	1.59E-10	1.84E-05	4.82E-07	1.21E-02	0.00E+00	9.04E-02	2.40E-10	9.04E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.30E-04
961942505	2.76E-05	1.33E-02	2.41E-03	9.88E-03	2.00E-15	0.00E+00	1.39E-01	1.33E-07	1.28E-05	8.08E-05	0.00E+00	2.55E-04	1.06E-09	3.10E-11	1.47E-03	2.62E-05	8.58E-04	7.09E-05	1.87E-05	3.98E-03	9.27E-02	0.00E+00	1.25E-10	1.63E-10	1.88E-05	4.94E-07	1.24E-02	0.00E+00	9.27E-02	2.47E-10	9.27E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.48E-04
961942506	3.19E-05	1.54E-02	2.81E-03	1.14E-02	2.00E-15	0.00E+00	1.60E-01	1.54E-07	1.48E-05	9.34E-05	0.00E+00	2.96E-04	1.23E-09	3.58E-11	1.70E-03	3.03E-05	9.90E-04	7.89E-05	2.17E-05	4.60E-03	1.07E-01	0.00E+00	1.45E-10	1.88E-10	2.18E-05	5.70E-07	1.43E-02	0.00E+00	1.07E-01	2.87E-10	1.07E-01	1.21E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	8.64E-04
9619505	3.08E-05	1.47E-02	2.68E-03	1.10E-02	3.00E-15	0.00E+00	1.54E-01	1.48E-07	1.42E-05	9.00E-05	0.00E+00	2.83E-04	1.18E-09	3.45E-11	1.64E-03	2.92E-05	9.55E-04	7.97E-05	2.07E-05	4.43E-03	1.03E-01	0.00E+00	1.39E-10	1.81E-10	2.10E-05	5.50E-07	1.38E-02	0.00E+00	1.03E-01	2.74E-10	1.03E-01	1.17E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	8.33E-04
961952501	3.53E-05	1.71E-02	3.11E-03	1.26E-02	3.00E-15	0.00E+00	1.77E-01	1.70E-07	1.63E-05	1.03E-04	0.00E+00	3.28E-04	1.36E-09	3.97E-11	1.88E-03	3.35E-05	1.10E-03	8.70E-05	2.40E-05	5.09E-03	1.19E-01	0.00E+00	1.60E-10	2.08E-10	2.41E-05	6.31E-07	1.59E-02	0.00E+00	1.19E-01	3.17E-10	1.19E-01	1.34E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	9.56E-04
961952502	3.42E-05	1.65E-02	3.00E-03	1.22E-02	1.00E-15	0.00E+00	1.72E-01	1.65E-07	1.58E-05	1.00E-04	0.00E+00	3.17E-04	1.31E-09	3.84E-11	1.82E-03	3.24E-05	1.06E-03	8.55E-05	2.32E-05	4.93E-03	1.15E-01	0.00E+00	1.55E-10	2.02E-10	2.33E-05	6.11E-07	1.54E-02	0.00E+00	1.15E-01	3.07E-10	1.15E-01	1.30E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	9.26E-04
961952505	3.32E-05	1.60E-02	2.91E-03	1.19E-02	0.00E+00	0.00E+00	1.67E-01	1.60E-07	1.54E-05	9.72E-05	0.00E+00	3.07E-04	1.27E-09	3.73E-11	1.77E-03	3.15E-05	1.03E-03	8.37E-05	2.25E-05	4.79E-03	1.11E-01	0.00E+00	1.51E-10	1.96E-10	2.27E-05	5.93E-07	1.49E-02	0.00E+00	1.11E-01	2.97E-10	1.11E-01	1.26E-01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	8.99E-04
961952506	4.26E-05	1.89E-02	3.56E-03	1.53E-02	0.00E+00	0.00E+00	2.21E-01	2.10E-07	2.03E-05	1.26E-04	0.00E+00	3.73E-04	1.69E-09	4.94E-11	2.28E-03	4.09E-05	1.26E-03	0.00E+00	2.66E-05	6.28E-03	1.45E-01	0.00E+00	1.96E-10	2.54E-10	2.95E-05	7.53E-07	1.94E-02	0.00E+00	1.45E-01	3.56E-10	1.45E-01	1.65E-01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
9624905	2.95E-05	1.41E-02	2.56E-03	1.06E-02	7.00E-15	0.00E+00	1.48E-01	1.42E-07	1.36E-05	8.64E-05	0.00E+00	2.70E-04	1.13E-09	3.31E-11	1.57E-03	2.80E-05	9.18E-04	7.91E-05	1.98E-05	4.25E-03	9.91E-02	0.00E+00	1.34E-10	1.74E-10	2.01E-05	5.28E-07	1.33E-02	0.00E+00	9.91E-02	2.62E-10	9.91E-02	1.12E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	8.00E-04
962492501	2.87E-05	1.37E-02	2.49E-03	1.03E-02	8.00E-15	0.00E+00	1.44E-01	1.38E-07	1.33E-05	8.40E-05	0.00E+00	2.63E-04	1.10E-09	3.22E-11	1.53E-03	2.73E-05	8.93E-04	7.76E-05	1.92E-05	4.13E-03	9.64E-02	0.00E+00	1.30E-10	1.69E-10	1.96E-05	5.14E-07	1.29E-02	0.00E+00	9.64E-02	2.54E-10	9.64E-02	1.09E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.78E-04
962492502	3.43E-05	1.52E-02	2.86E-03	1.23E-02	0.00E+00	0.00E+00	1.78E-01	1.69E-07	1.64E-05	1.02E-04	0.00E+00	3.01E-04	1.36E-09	3.98E-11	1.84E-03	3.29E-05	1.01E-03	0.00E+00	2.14E-05	5.06E-03	1.17E-01	0.00E+00	1.58E-10	2.05E-10	2.38E-05	6.07E-07	1.56E-02	0.00E+00	1.17E-01	2.87E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.20E-04
962492505	2.98E-05	1.42E-02	2.59E-03	1.07E-02	7.00E-15	0.00E+00	1.49E-01	1.44E-07	1.38E-05	8.72E-05	0.00E+00	2.73E-04	1.14E-09	3.34E-11	1.59E-03	2.83E-05	9.26E-04	7.97E-05	2.00E-05	4.29E-03	1.00E-01	0.00E+00	1.35E-10	1.76E-10	2.03E-05	5.33E-07	1.34E-02	0.00E+00	1.00E-01	2.64E-10	1.00E-01	1.13E-01	1.34E-02	0.00E+00	0.00E+00	0.00E+00	8.08E-04
962492506	3.12E-05	1.49E-02	2.71E-03	1.11E-02	5.00E-15	0.00E+00	1.56E-01	1.50E-07	1.44E-05	9.12E-05	0.00E+00	2.86E-04	1.19E-09	3.49E-11	1.66E-03	2.96E-05	9.68E-04	8.22E-05	2.10E-05	4.49E-03	1.05E-01	0.00E+00	1.41E-10	1.84E-10	2.12E-05	5.57E-07	1.40E-02	0.00E+00	1.05E-01	2.77E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.44E-04
962512502	3.29E-05	1.59E-02	2.90E-03	1.17E-02	6.00E-15	0.00E+00	1.65E-01	1.58E-07	1.52E-05	9.61E-05	0.00E+00	3.06E-04	1.26E-09	3.69E-11	1.75E-03	3.12E-05	1.02E-03	7.89E-05	2.24E-05	4.74E-03	1.10E-01	0.00E+00	1.49E-10	1.94E-10	2.24E-05	5.86E-07	1.47E-02	0.00E+00	1.10E-01	2.96E-10	1.10E-01	1.25E-01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	8.89E-04
962512503	2.76E-05	1.33E-02	2.42E-03	9.88E-03	1.00E-15	0.00E+00	1.39E-01	1.33E-07	1.28E-05	8.08E-05	0.00E+00	2.56E-04	1.06E-09	3.10E-11	1.47E-03	2.62E-05	8.57E-04	6.91E-05	1.87E-05	3.98E-03	9.27E-02	0.00E+00	1.25E-10	1.63E-10	1.88E-05	4.93E-07	1.24E-02	0.00E+00	9.27E-02	2.48E-10	9.27E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.48E-04
962512505	2.74E-05	1.32E-02	2.40E-03	9.81E-03	0.00E+00	0.00E+00	1.38E-01	1.32E-07	1.27E-05	8.02E-05	0.00E+00	2.53E-04	1.05E-09	3.08E-11	1.46E-03	2.60E-05	8.51E-04	6.93E-05	1.86E-05	3.95E-03	9.20E-02	0.00E+00	1.24E-10	1.62E-10	1.87E-05	4.90E-07	1.23E-02	0.00E+00	9.20E-02	2.45E-10	9.20E-02	1.04E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.42E-04
962572502	4.03E-05	1.96E-02	3.58E-03	1.44E-02	1.20E-14	0.00E+00	2.03E-01	1.95E-07	1.87E-05	1.18E-04	0.00E+00	3.78E-04	1.55E-09	4.53E-11	2.15E-03	3.83E-05	1.25E-03	9.41E-05	2.76E-05	5.82E-03	1.35E-01	0.00E+00	1.83E-10	2.38E-10	2.75E-05	7.20E-07	1.81E-02	0.00E+00	1.35E-01	3.65E-10	1.35E-01	1.54E-01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
962572503	4.31E-05	2.10E-02	3.83E-03	1.54E-02	1.40E-14	0.00E+00	2.16E-01	2.08E-07	1.99E-05	1.26E-04	0.00E+00	4.04E-04	1.65E-09	4.84E-11	2.29E-03	4.08E-05	1.33E-03	9.91E-05	2.96E-05	6.22E-03	1.45E-01	0.00E+00	1.95E-10	2.54E-10	2.94E-05	7.68E-07	1.93E-02	0.00E+00	1.45E-01	3.91E-10	1.45E-01	1.64E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
962572505	4.31E-05	2.10E-02	3.83E-03	1.54E-02	1.40E-14	0.00E+00	2.16E-01	2.08E-07	1.99E-05	1.26E-04	0.00E+00	4.04E-04	1.65E-09	4.84E-11	2.29E-03	4.08E-05	1.33E-03	9.91E-05	2.96E-05	6.22E-03	1.45E-01	0.00E+00	1.95E-10	2.54E-10	2.94E-05	7.68E-07	1.93E-02	0.00E+00	1.45E-01	3.91E-10	1.45E-01	1.64E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
962572506	4.43E-05	2.16E-02	3.94E-03	1.58E-02	1.50E-14	0.00E+00	2.23E-01	2.14E-07	2.05E-05	1.30E-04	0.00E+00	4.16E-04	1.70E-09	4.98E-11	2.36E-03	4.20E-05	1.37E-03	1.01E-04	3.04E-05	6.39E-03	1.49E-01	0.00E+00	2.01E-10	2.61E-10	3.02E-05	7.90E-07	1.99E-02	0.00E+00	1.49E-01	4.02E-10	1.49E-01	1.69E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
962592501	2.98E-05	1.42E-02	2.59E-03	1.06E-02	6.00E-15	0.00E+00	1.49E-01	1.43E-07	1.38E-05	8.71E-05	0.00E+00	2.73E-04	1.14E-09	3.34E-11	1.59E-03	2.82E-05	9.25E-04	7.90E-05	2.00E-05	4.28E-03	9.99E-02	0.00E+00	1.35E-10	1.76E-10	2.03E-05	5.32E-07	1.34E-02	0.00E+00	9.99E-02	2.64E-10	9.99E-02	1.13E-01	1.34E-02	0.00E+00	0.00E+00	0.00E+00	8.07E-04
962592502	3.09E-05	1.47E-02	2.69E-03	1.10E-02	5.00E-15	0.00E+00	1.55E-01	1.49E-07	1.43E-05	9.03E-05	0.00E+00	2.83E-04	1.18E-09	3.46E-11	1.64E-03	2.93E-05	9.58E-04	8.10E-05	2.08E-05	4.44E-03	1.04E-01	0.00E+00	1.40E-10	1.82E-10	2.10E-05	5.52E-07	1.39E-02	0.00E+00	1.04E-01	2.75E-10	1.04E-01	1.17E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	8.36E-04
962592503	2.95E-05	1.41E-02	2.56E-03	1.05E-02	6.00E-15	0.00E+00	1.48E-01	1.42E-07	1.36E-05	8.63E-05	0.00E+00	2.70E-04	1.13E-09	3.31E-11	1.57E-03	2.80E-05	9.16E-04	7.85E-05	1.98E-05	4.25E-03	9.90E-02	0.00E+00	1.34E-10	1.74E-10	2.01E-05	5.28E-07	1.32E-02	0.00E+00	9.90E-02	2.62E-10	9.90E-02	1.12E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	7.99E-04
962592505	2.82E-05	1.34E-02	2.44E-03	1.01E-02	7.00E-15	0.00E+00	1.41E-01	1.36E-07	1.30E-05	8.23E-05	0.00E+00	2.57E-04	1.08E-09	3.15E-11	1.50E-03	2.67E-05	8.75E-04	7.60E-05	1.88E-05	4.05E-03	9.44E-02	0.00E+00	1.28E-10	1.66E-10	1.92E-05	5.03E-07	1.26E-02	0.00E+00	9.44E-02	2.49E-10	9.44E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.63E-04
962592506	2.76E-05	1.31E-02	2.39E-03	9.87E-03	8.00E-15	0.00E+00	1.38E-01	1.33E-07	1.27E-05	8.07E-05	0.00E+00	2.52E-04	1.06E-09	3.09E-11	1.47E-03	2.62E-05	8.58E-04	7.49E-05	1.85E-05	3.97E-03	9.26E-02	0.00E+00	1.25E-10	1.63E-10	1.88E-05	4.94E-07	1.24E-02	0.00E+00	9.26E-02	2.44E-10	9.26E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.48E-04
9626205	3.06E-05	1.45E-02	2.64E-03	1.09E-02	1.20E-14	0.00E+00	1.53E-01	1.47E-07	1.41E-05	8.96E-05	0.00E+00	2.78E-04	1.17E-09	3.43E-11	1.63E-03	2.91E-05	9.52E-04	8.53E-05	2.04E-05	4.40E-03	1.03E-01	0.00E+00	1.39E-10	1.80E-10	2.09E-05	5.48E-07	1.37E-02	0.00E+00	1.03E-01	2.70E-10	1.03E-01	1.16E-01	1.37E-02	0.00E+00	0.00E+00	0.00E+00	8.30E-04
962622501	2.38E-06	2.62E-04	3.14E-05	8.37E-04	4.40E-14	0.00E+00	1.07E-02	1.07E-08	9.90E-07	6.83E-06	0.00E+00	4.08E-06	8.15E-11	2.37E-12	1.23E-04	2.27E-06	8.12E-05	3.54E-05	3.28E-07	3.00E-04	7.68E-03	0.00E+00	1.05E-11	1.37E-11	1.57E-06	4.64E-08	1.04E-03	0.00E+00	7.68E-03	5.05E-12	7.68E-03	8.72E-03	1.04E-03	0.00E+00	0.00E+00	0.00E+00	6.82E-05
962622502	2.92E-05	1.38E-02	2.51E-03	1.04E-02	1.30E-14	0.00E+00	1.46E-01	1.41E-07	1.35E-05	8.54E-05	0.00E+00	2.65E-04	1.12E-09	3.27E-11	1.56E-03	2.77E-05	9.09E-04	8.26E-05	1.94E-05	4.20E-03	9.79E-02	0.00E+00	1.32E-10	1.72E-10	1.99E-05	5.23E-07	1.31E-02	0.00E+00	9.79E-02	2.57E-10	9.79E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.92E-04
962622505	2.26E-05	1.04E-02	1.89E-03	8.08E-03	2.10E-14	0.00E+00	1.13E-01	1.09E-07	1.04E-05	6.61E-05	0.00E+00	2.00E-04	8.62E-10	2.52E-11	1.20E-03	2.14E-05	7.05E-04	7.14E-05	1.47E-05	3.24E-03	7.57E-02	0.00E+00	1.02E-10	1.33E-10	1.54E-05	4.06E-07	1.01E-02	0.00E+00	7.57E-02	1.94E-10	7.57E-02	8.59E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	6.14E-04

962622506	2.76E-05	1.30E-02	2.36E-03	9.86E-03	1.50E-14	0.00E+00	1.38E-01	1.33E-07	1.27E-05	8.06E-05	0.00E+00	2.49E-04	1.05E-09	3.08E-11	1.47E-03	2.62E-05	8.58E-04	7.96E-05	1.82E-05	3.96E-03	9.25E-02	0.00E+00	1.25E-10	1.63E-10	1.88E-05	4.94E-07	1.24E-02	0.00E+00	9.25E-02	2.41E-10	9.25E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.48E-04
9627205	3.46E-05	1.68E-02	3.06E-03	1.24E-02	5.00E-15	0.00E+00	1.74E-01	1.67E-07	1.60E-05	1.01E-04	0.00E+00	3.22E-04	1.33E-09	3.89E-11	1.85E-03	3.29E-05	1.07E-03	8.40E-05	2.36E-05	5.00E-03	1.16E-01	0.00E+00	1.57E-10	2.04E-10	2.36E-05	6.18E-07	1.56E-02	0.00E+00	1.16E-01	3.12E-10	1.16E-01	1.32E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.37E-04
962722502	4.58E-05	3.81E-02	2.09E-02	1.72E-02	1.00E-10	0.00E+00	2.22E-01	2.09E-07	2.13E-05	1.37E-04	0.00E+00	3.86E-04	1.68E-09	4.72E-11	2.02E-03	4.11E-05	3.11E-07	1.15E-02	1.01E-04	5.60E-03	1.49E-01	0.00E+00	2.07E-10	2.66E-10	3.20E-05	9.78E-07	2.04E-02	0.00E+00	1.49E-01	7.37E-10	1.49E-01	1.70E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
962722505	3.67E-05	1.78E-02	3.25E-03	1.31E-02	8.00E-15	0.00E+00	1.84E-01	1.77E-07	1.70E-05	1.07E-04	0.00E+00	3.43E-04	1.41E-09	4.13E-11	1.96E-03	3.48E-05	1.14E-03	8.73E-05	2.51E-05	5.30E-03	1.23E-01	0.00E+00	1.67E-10	2.17E-10	2.50E-05	6.55E-07	1.65E-02	0.00E+00	1.23E-01	3.32E-10	1.23E-01	1.40E-01	1.65E-02	0.00E+00	0.00E+00	0.00E+00	9.93E-04
962722506	2.02E-05	9.57E-03	1.74E-03	7.23E-03	8.00E-15	0.00E+00	1.01E-01	9.74E-08	9.34E-06	5.92E-05	0.00E+00	1.84E-04	7.74E-10	2.27E-11	1.08E-03	1.92E-05	6.29E-04	5.65E-05	1.35E-05	2.91E-03	6.79E-02	0.00E+00	9.17E-11	1.19E-10	1.38E-05	3.62E-07	9.08E-03	0.00E+00	6.79E-02	1.78E-10	6.79E-02	7.69E-02	9.08E-03	0.00E+00	0.00E+00	0.00E+00	5.49E-04
AS2457	1.39E-05	6.34E-03	1.15E-03	4.95E-03	1.60E-14	0.00E+00	6.91E-02	6.66E-08	6.37E-06	4.05E-05	0.00E+00	1.21E-04	5.28E-10	1.54E-11	7.37E-04	1.32E-05	4.33E-04	4.60E-05	8.91E-06	1.98E-03	4.64E-02	0.00E+00	6.27E-11	8.16E-11	9.43E-06	2.49E-07	6.21E-03	0.00E+00	4.64E-02	1.18E-10	4.64E-02	5.26E-02	6.21E-03	0.00E+00	0.00E+00	0.00E+00	3.77E-04
B45000	1.24E-05	5.48E-03	9.89E-04	4.42E-03	2.40E-14	0.00E+00	6.14E-02	5.93E-08	5.67E-06	3.62E-05	0.00E+00	1.05E-04	4.70E-10	1.37E-11	6.58E-04	1.18E-05	3.88E-04	4.72E-05	7.69E-06	1.76E-03	4.14E-02	0.00E+00	5.60E-11	7.29E-11	8.42E-06	2.23E-07	5.54E-03	0.00E+00	4.14E-02	1.02E-10	4.14E-02	4.69E-02	5.54E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
B45010	6.41E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
B45011	7.21E-05	3.51E-02	6.40E-03	2.58E-02	2.20E-14	0.00E+00	3.62E-01	3.48E-07	3.34E-05	2.11E-04	0.00E+00	6.75E-04	2.77E-09	8.10E-11	3.84E-03	6.83E-05	2.23E-03	1.67E-04	4.94E-05	1.04E-02	2.42E-01	0.00E+00	3.27E-10	4.25E-10	4.91E-05	1.28E-06	3.24E-02	0.00E+00	2.42E-01	6.53E-10	2.42E-01	2.74E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03
B45012	2.10E-06	8.86E-05	1.00E-06	7.38E-04	4.60E-14	0.00E+00	9.20E-03	9.31E-09	8.57E-07	6.02E-06	0.00E+00	6.96E-07	7.04E-11	2.04E-12	1.08E-04	2.01E-06	7.30E-05	3.60E-05	8.19E-08	2.58E-04	6.74E-03	0.00E+00	9.21E-12	1.21E-11	1.38E-06	4.17E-08	9.14E-04	0.00E+00	6.74E-03	1.83E-12	6.74E-03	7.66E-03	9.14E-04	0.00E+00	0.00E+00	0.00E+00	6.09E-05
B45013	2.10E-06	8.86E-05	1.00E-06	7.38E-04	4.60E-14	0.00E+00	9.20E-03	9.31E-09	8.57E-07	6.02E-06	0.00E+00	6.96E-07	7.04E-11	2.04E-12	1.08E-04	2.01E-06	7.30E-05	3.60E-05	8.19E-08	2.58E-04	6.74E-03	0.00E+00	9.21E-12	1.21E-11	1.38E-06	4.17E-08	9.14E-04	0.00E+00	6.74E-03	1.83E-12	6.74E-03	7.66E-03	9.14E-04	0.00E+00	0.00E+00	0.00E+00	6.09E-05
B45014	7.41E-05	3.61E-02	6.59E-03	2.65E-02	2.40E-14	0.00E+00	3.72E-01	3.58E-07	3.43E-05	2.17E-04	0.00E+00	6.95E-04	2.85E-09	8.33E-11	3.95E-03	7.03E-05	2.29E-03	1.71E-04	5.09E-05	1.07E-02	2.49E-01	0.00E+00	3.36E-10	4.37E-10	5.05E-05	1.32E-06	3.33E-02	0.00E+00	2.49E-01	6.72E-10	2.49E-01	2.82E-01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
B45016	2.27E-04	1.12E-01	2.06E-02	8.11E-02	1.73E-13	0.00E+00	1.14E+00	1.10E-06	1.05E-04	6.63E-04	0.00E+00	2.17E-03	8.73E-09	2.56E-10	1.21E-02	2.15E-04	7.00E-03	4.56E-04	1.59E-04	3.28E-02	7.62E-01	0.00E+00	1.03E-09	1.34E-09	1.55E-04	4.03E-06	1.02E-01	0.00E+00	7.62E-01	2.09E-09	7.62E-01	8.64E-01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	6.12E-03
B45020	4.97E-05	2.20E-02	4.15E-03	1.79E-02	0.00E+00	0.00E+00	2.58E-01	2.45E-07	2.37E-05	1.47E-04	0.00E+00	4.36E-04	1.97E-09	5.76E-11	2.66E-03	4.77E-05	1.47E-03	0.00E+00	3.10E-05	7.33E-03	1.70E-01	0.00E+00	2.29E-10	2.97E-10	3.45E-05	8.79E-07	2.26E-02	0.00E+00	1.70E-01	4.16E-10	1.70E-01	1.92E-01	2.26E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
B45021	5.37E-05	2.20E-02	4.15E-03	1.79E-02	0.00E+00	0.00E+00	2.58E-01	2.45E-07	2.37E-05	1.47E-04	0.00E+00	4.36E-04	1.97E-09	5.76E-11	2.66E-03	4.77E-05	1.47E-03	0.00E+00	3.10E-05	7.33E-03	1.70E-01	0.00E+00	2.29E-10	2.97E-10	3.45E-05	8.79E-07	2.26E-02	0.00E+00	1.70E-01	4.16E-10	1.70E-01	1.92E-01	2.26E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
B45022	3.26E-06	1.38E-04	1.56E-06	1.15E-03	7.10E-14	0.00E+00	1.43E-02	1.44E-08	1.33E-06	9.35E-06	0.00E+00	1.08E-06	1.09E-10	3.17E-12	1.68E-04	3.12E-06	1.13E-04	5.59E-05	1.27E-07	4.01E-04	1.05E-02	0.00E+00	1.43E-11	1.88E-11	2.15E-06	6.47E-08	1.42E-03	0.00E+00	1.05E-02	2.84E-12	1.05E-02	1.19E-02	1.42E-03	0.00E+00	0.00E+00	0.00E+00	9.45E-05
B45023	3.26E-06	1.38E-04	1.56E-06	1.15E-03	7.10E-14	0.00E+00	1.43E-02	1.44E-08	1.33E-06	9.35E-06	0.00E+00	1.08E-06	1.09E-10	3.17E-12	1.68E-04	3.12E-06	1.13E-04	5.59E-05	1.27E-07	4.01E-04	1.05E-02	0.00E+00	1.43E-11	1.88E-11	2.15E-06	6.47E-08	1.42E-03	0.00E+00	1.05E-02	2.84E-12	1.05E-02	1.19E-02	1.42E-03	0.00E+00	0.00E+00	0.00E+00	9.45E-05
B45024	4.97E-05	2.20E-02	4.15E-03	1.79E-02	0.00E+00	0.00E+00	2.58E-01	2.45E-07	2.37E-05	1.47E-04	0.00E+00	4.36E-04	1.97E-09	5.76E-11	2.66E-03	4.77E-05	1.47E-03	0.00E+00	3.10E-05	7.33E-03	1.70E-01	0.00E+00	2.29E-10	2.97E-10	3.45E-05	8.79E-07	2.26E-02	0.00E+00	1.70E-01	4.16E-10	1.70E-01	1.92E-01	2.26E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
B45026	4.26E-05	1.98E-02	3.60E-03	1.52E-02	3.30E-14	0.00E+00	2.13E-01	2.05E-07	1.96E-05	1.24E-04	0.00E+00	3.80E-04	1.63E-09	4.75E-11	2.27E-03	4.04E-05	1.33E-03	1.29E-04	2.79E-05	6.10E-03	1.43E-01	0.00E+00	1.93E-10	2.51E-10	2.90E-05	7.63E-07	1.91E-02	0.00E+00	1.43E-01	3.69E-10	1.43E-01	1.62E-01	1.91E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
B45030	8.78E-05	3.60E-02	6.78E-03	2.92E-02	0.00E+00	0.00E+00	4.21E-01	4.00E-07	3.88E-05	2.41E-04	0.00E+00	7.12E-04	3.22E-09	9.42E-11	4.35E-03	7.79E-05	2.40E-03	0.00E+00	5.07E-05	1.20E-02	2.77E-01	0.00E+00	3.75E-10	4.85E-10	5.63E-05	1.44E-06	3.70E-02	0.00E+00	2.77E-01	6.80E-10	2.77E-01	3.14E-01	3.70E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
B45031	4.59E-06	1.93E-04	2.19E-06	1.61E-03	1.00E-13	0.00E+00	2.01E-02	2.03E-08	1.87E-06	1.31E-05	0.00E+00	1.52E-06	1.54E-10	4.46E-12	2.37E-04	4.38E-06	1.59E-04	7.86E-05	1.79E-07	5.63E-04	1.47E-02	0.00E+00	2.01E-11	2.64E-11	3.01E-06	9.09E-08	1.99E-03	0.00E+00	1.47E-02	3.99E-12	1.47E-02	1.67E-02	1.99E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-04
B45032	4.59E-06	1.93E-04	2.19E-06	1.61E-03	1.00E-13	0.00E+00	2.01E-02	2.03E-08	1.87E-06	1.31E-05	0.00E+00	1.52E-06	1.54E-10	4.46E-12	2.37E-04	4.38E-06	1.59E-04	7.86E-05	1.79E-07	5.63E-04	1.47E-02	0.00E+00	2.01E-11	2.64E-11	3.01E-06	9.09E-08	1.99E-03	0.00E+00	1.47E-02	3.99E-12	1.47E-02	1.67E-02	1.99E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-04
B45033	4.59E-06	1.93E-04	2.19E-06	1.61E-03	1.00E-13	0.00E+00	2.01E-02	2.03E-08	1.87E-06	1.31E-05	0.00E+00	1.52E-06	1.54E-10	4.46E-12	2.37E-04	4.38E-06	1.59E-04	7.86E-05	1.79E-07	5.63E-04	1.47E-02	0.00E+00	2.01E-11	2.64E-11	3.01E-06	9.09E-08	1.99E-03	0.00E+00	1.47E-02	3.99E-12	1.47E-02	1.67E-02	1.99E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-04
B45034	6.30E-05	2.94E-02	5.35E-03	2.25E-02	4.30E-14	0.00E+00	3.15E-01	3.03E-07	2.90E-05	1.84E-04	0.00E+00	5.65E-04	2.41E-09	7.04E-11	3.35E-03	5.98E-05	1.96E-03	1.88E-04	4.14E-05	9.03E-03	2.11E-01	0.00E+00	2.85E-10	3.71E-10	4.29E-05	1.13E-06	2.82E-02	0.00E+00	2.11E-01	5.48E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-03
B88100	4.19E-05	2.07E-02	3.20E-03	1.75E-02	0.00E+00	0.00E+00	2.02E-01	2.10E-07	1.89E-05	1.22E-04	0.00E+00	3.44E-04	1.52E-09	4.62E-11	2.65E-03	3.68E-05	2.06E-03	1.03E-03	3.13E-05	7.49E-03	1.43E-01	0.00E+00	1.86E-10	2.54E-10	2.84E-05	8.03E-07	1.95E-02	0.00E+00	1.43E-01	3.73E-10	1.43E-01	1.63E-01	1.95E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
B88102	5.24E-05	2.59E-02	4.73E-03	1.87E-02	3.40E-14	0.00E+00	2.64E-01	2.53E-07	2.43E-05	1.53E-04	0.00E+00	4.98E-04	2.02E-09	5.90E-11	2.79E-03	4.97E-05	1.62E-03	1.10E-04	3.64E-05	7.58E-03	1.76E-01	0.00E+00	2.38E-10	3.09E-10	3.57E-05	9.33E-07	2.35E-02	0.00E+00	1.76E-01	4.81E-10	1.76E-01	2.00E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
B88122	1.09E-04	5.06E-02	8.85E-03	4.18E-02	0.00E+00	0.00E+00	5.52E-01	5.43E-07	5.12E-05	3.23E-04	0.00E+00	9.37E-04	4.20E-09	1.25E-10	6.27E-03	1.02E-04	4.06E-03	1.03E-03	7.35E-05	1.75E-02	3.74E-01	0.00E+00	4.97E-10	6.58E-10	7.52E-05	2.00E-06	5.02E-02	0.00E+00	3.74E-01	9.38E-10	3.74E-01	4.24E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	3.15E-03
GD20009011	3.02E-05	1.16E-02	2.06E-03	1.07E-02	1.43E-13	0.00E+00	1.47E-01	1.43E-07	1.36E-05	8.78E-05	0.00E+00	2.20E-04	1.12E-09	3.28E-11	1.59E-03	2.86E-05	9.60E-04	1.72E-04	1.62E-05	4.20E-03	1.00E-01	0.00E+00	1.36E-10	1.77E-10	2.04E-05	5.52E-07	1.34E-02	0.00E+00	1.00E-01	2.17E-10	1.00E-01	1.14E-01	1.34E-02	0.00E+00	0.00E+00	0.00E+00	8.29E-04
GD20017035	3.86E-05	1.58E-02	2.83E-03	1.38E-02	1.36E-13	0.00E+00	1.90E-01	1.84E-07	1.75E-05	1.13E-04	0.00E+00	3.01E-04	1.45E-09	4.24E-11	2.05E-03	3.67E-05	1.22E-03	1.89E-04	2.21E-05	5.43E-03	1.29E-01	0.00E+00	1.74E-10	2.27E-10	2.62E-05	7.02E-07	1.72E-02	0.00E+00	1.29E-01	2.95E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
GD20019011	6.61E-05	2.96E-02	5.34E-03	2.36E-02	1.09E-13	0.00E+00	3.28E-01	3.16E-07	3.03E-05	1.93E-04	0.00E+00	5.66E-04	2.51E-09	7.34E-11	3.51E-03	6.27E-05	2.07E-03	2.40E-04	4.15E-05	9.41E-03	2.21E-01	0.00E+00	2.99E-10	3.89E-10	4.49E-05	1.19E-06	2.96E-02	0.00E+00	2.21E-01	5.50E-10	2.21E-01	2.50E-01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
GD20019016	1.12E-05	1.72E-03	2.45E-04	3.94E-03	1.81E-13	0.00E+00	5.07E-02	5.05E-08	4.71E-06	3.21E-05	0.00E+00	2.90E-05	3.88E-10	1.13E-11	5.81E-04	1.06E-05	3.77E-04	1.50E-04	2.25E-06	1.43E-03	3.62E-02	0.00E+00	4.93E-11	6.46E-11	7.41E-06	2.16E-07	4.89E-03	0.00E+00	3.62E-02	3.26E-11	3.62E-02	4.11E-02	4.89E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
GD30007035	5.01E-05	2.02E-02	3.60E-03	1.79E-02	1.94E-13	0.00E+00	2.46E-01	2.38E-07	2.27E-05	1.46E-04	0.00E+00	3.83E-04	1.88E-09	5.49E-11	2.65E-03	4.76E-05	1.59E-03	2.57E-04	2.82E-05	7.03E-03	1.67E-01	0.00E+00	2.26E-10	2.94E-10	3.39E-05	9.12E-07	2.24E-02	0.00E+00	1.67E-01	3.76E-10	1.67E-01	1.89E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
GD30009011	5.15E-05	2.08E-02	3.73E-03	1.83E-02	1.93E-13	0.00E+00	2.52E-01	2.45E-07	2.33E-05	1.50E-04	0.00E+00	3.97E-04	1.93E-09	5.64E-11	2.73E-03	4.88E-05	1.63E-03	2.60E-04	2.92E-05	7.22E-03	1.71E-01	0.00E+00	2.32E-10	3.02E-10	3.49E-05	9.36E-07	2.30E-02	0.00E+00	1.71E-01	3.89E-10	1.71E-01	1.94E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
GD30017035	4.87E-05	1.95E-02	3.48E-03	1.74E-02	1.96E-13	0.00E+00	2.39E-01	2.31E-07	2.20E-05	1.42E-04	0.00E+00	3.70E-04	1.83E-09	5.33E-11	2.58E-03	4.63E-05	1.55E-03	2.54E-04	2.72E-05	6.83E-03	1.62E-01	0.00E+00	2.20E-10	2.86E-10	3.30E-05	8.88E-07	2.17E-02	0.00E+00	1.62E-01	3.63E-10	1.62E-01	1.84E-01	2.17E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
GD30019011	1.47E-04	6.91E-02	1.26E-02	5.24E-02	7.40E-14	0.00E+00	7.34E-01	7.06E-07	6.77E-05	4.29E-04	0.00E+00	1.33E-03	5.61E-09	1.64E-10	7.81E-03	1.39E-04	4.56E-03	4.20E-04	9.72E-05	2.11E-02	4.92E-01	0.00E+00	6.65E-10	8.64E-10	1.00E-04	2.63E-06	6.58E-02	0.00E+00	4.92E-01	1.29E-09	4.92E-01	5.58E-01	6.58E-02	0.00E+00	0.00E+00	0.00E+00	3.98E-03
GD30019016	2.74E-04	1.34E-01	2.44E-02	9.80E-02	9.30E-14	0.00E+00	1.38E+00	1.32E-06	1.27E-04	8.01E-04	0.00E+00	2.57E-03	1.05E-08	3.08E-10	1.46E-02	2.60E-04	8.48E-03	6.28E-04	1.88E-04	3.95E-02	9.20E-01	0.00E+00	1.24E-09	1.61E-09	1.87E-04	4.88E-06	1.23E-01	0.00E+00	9.20E-01	2.49E-09	9.20E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.40E-03
GDE20017035	7.15E-05	3.23E-02	5.84E-03	2.55E-02	1.04E-13	0.00E+00	3.56E-01	3.43E-07	3.28E-05	2.09E-04	0.00E+00	6.18E-04	2.72E-09	7.95E-11	3.80E-03	6.78E-05	2.24E-03	2.50E-04	4.53E-05	1.02E-02	2.39E-01	0.00E+00	3.23E-10	4.21E-10	4.86E-05	1.29E-06	3.20E-02	0.00E+00	2.39E-01	6.01E-10	2.39E-01	2.71E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-03
GDE20019016	4.20E-05	1.73E-02	3.11E-03	1.50E-02	1.42E-13	0.00E+00	2.06E-01	2.00E-07	1.91E-05	1.22E-04	0.00E+00	3.30E-04	1.58E-09	4.61E-11	2.23E-03	3.99E-05	1.33E-03	2.01E-04	2.43E-05	5.91E-03	1.40E-01	0.00E+00	1.89E-10	2.47E-10	2.85E-05	7.63E-07	1.88E-02	0.00E+00	1.40E-01	3.23E-10	1.40E-01	1.59E-01	1.88E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
GDE30019016	4.87E-05	1.95E-02	3.48E-03	1.74E-02	1.96E-13	0.00E+00	2.39E-01	2.31E-07	2.20E-05	1.42E-04	0.00E+00	3.70E-04	1.83E-09	5.33E-11	2.58E-03	4.63E-05	1.55E-03	2.54E-04	2.72E-05	6.83E-03	1.62E-01	0.00E+00	2.20E-10	2.86E-10	3.30E-05	8.88E-07	2.17E-02	0.00E+00	1.62E-01	3.63E-10	1.62E-01	1.84E-01	2.17E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
GE20103020	7.01E-05	3.16E-02	5.72E-03	2.50E-02	1.05E-13	0.00E+00	3.49E-01	3.36E-07	3.22E-05	2.05E-04	0.00E+00	6.05E-04	2.67E-09	7.80E-11	3.73E-03	6.65E-05	2.19E-03	2.48E-04	4.44E-05	1.00E-02	2.35E-01	0.00E+00	3.17E-10	4.13E-10	4.77E-05	1.26E-06	3.14E-02	0.00E+00	2.35E-01	5.88E-10	2.35E-01	2.66E-01	3.14E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
GE20109016	1.93E-05	5.79E-03	9.91E-04	6.84E-03	1.72E-13	0.00E+00	9.16E-02	8.98E-08	8.48E-06	5.59E-05	0.00E+00	1.08E-04	7.01E-10	2.04E-11	1.01E-03	1.83E-05	6.27E-04	1.64E-04	7.99E-06	2.61E-03	6.35E-02	0.00E+00	8.62E-11	1.12E-10	1.29E-05	3.60E-07	8.54E-03	0.00E+00	6.35E-02	1.08E-10	6.35E-02	7.20E-02	8.54E-03	0.00E+00	0.00E+00	0.00E+00	5.37E-04
GE20113020	3.94E-05	1.59E-02	2.83E-03	1.40E-02	1.53E-13	0.00E+00	1.93E-01	1.87E-07	1.78E-05	1.15E-04	0.00E+00	3.01E-04	1.48E-09	4.31E-11	2.09E-03	3.74E-05	1.25E-03	2.02E-04	2.22E-05	5.52E-03	1.31E-01	0.00E+00	1.77E-10	2.31E-10	2.67E-05	7.17E-07	1.76E-02	0.00E+00	1.31E-01	2.96E-10	1.31E-01	1.49E-01	1.76E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
GE20119016	1.04E-04	4.86E-02	8.83E-03	3.72E-02	7.30E-14	0.00E+00	5.20E-01	5.01E-07	4.80E-05	3.04E-04	0.00E+00	9.33E-04	3.98E-09	1.16E-10	5.54E-03	9.88E-05	3.24E-03	3.12E-04	6.83E-05	1.49E-02	3.49E-01	0.00E+00	4.72E-10	6.13E-10	7.09E-05	1.87E-06	4.67E-02	0.00E+00	3.49E-01	9.05E-10	3.49E-01	3.96E-01	4.67E-02	0.00E+00	0.00E+00	0.00E+00	2.82E-03
GS10017035	5.33E-05	4.03E-02	2.38E-02	1.65E-02	1.47E-10	0.00E+00	2.33E-01	2.23E-07	2.12E-05	1.59E-04	0.00E+00	1.11E-03	1.75E-09	5.23E-11	2.69E-03	6.46E-05	1.89E-03	1.26E-02	1.08E-04	4.66E-03	1.74E-01	0.00E+00	2.48E-10	3.17E-10	3.61E-05	1.07E-06	2.38E-02	0.00E+00	1.74E-01	9.57E-10	1.74E-01	1.98E-01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
GS10019011	5.33E-05	4.03E-02	2.38E-02	1.65E-02	1.47E-10	0.00E+00	2.33E-01	2.23E-07	2.12E-05	1.59E-04	0.00E+00	1.11E-03	1.75E-09	5.23E-11	2.69E-03	6.46E-05	1.89E-03	1.26E-02	1.08E-04	4.66E-03	1.74E-01	0.00E+00	2.48E-10	3.17E-10	3.61E-05	1.07E-06	2.38E-02	0.00E+00	1.74E-01	9.57E-10	1.74E-01	1.98E-01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
GS10019016	4.50E-05	2.13E-02	3.58E-03	1.77E-02	0.00E+00	0.00E+00	2.24E-01	2.24E-07	2.08E-05	1.32E-04	0.00E+00	3.80E-04	1.70E-09	5.07E-11	2.66E-03	4.11E-05	1.84E-03	6.33E-04	3.13E-05	7.45E-03	1.54E-01	0.00E+00	2.03E-10	2.71E-10	3.08E-05	8.34E-07	2.07E-02	0.00E+00	1.54E-01	3.91E-10	1.54E-01	1.75E-01	2.07E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
GS1001LAN	5.33E-05	4.03E-02	2.38E-02	1.65E-02	1.47E-10	0.00E+00	2.33E-01	2.23E-07	2.12E-05	1.59E-04	0.00E+00	1.11E-03	1.75E-09	5.23E-11	2.69E-03	6.46E-05	1.89E-03	1.26E-02	1.08E-04	4.66E-03	1.74E-01	0.00E+00	2.48E-10	3.17E-10	3.61E-05	1.07E-06	2.38E-02	0.00E+00	1.74E-01	9.57E-10	1.74E-01	1.98E-01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
GS11003020	3.02E-05	1.16E-02	2.06E-03	1.08E-02	1.45E-13	0.00E+00	1.47E-01	1.43E-07	1.36E-05	8.80E-05	0.00E+00	2.20E-04	1.13E-09	3.29E-11	1.60E-03	2.87E-05	9.62E-04	1.74E-04	1.62E-05	4.21E-03	1.00E-01	0.00E+00	1.36E-10	1.77E-10	2.04E-05	5.53E-07	1.35E-02	0.00E+00	1.00E-01	2.17E-10	1.00E-01	1.14E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	8.31E-04
GS11009011	3.88E-05	1.52E-02	2.71E-03	1.38E-02	1.71E-13	0.00E+00	1.90E-01	1.84E-07	1.75E-05	1.13E-04	0.00E+00	2.89E-04	1.45E-09	4.23E-11	2.05E-03	3.68E-05	1.23E-03	2.13E-04	2.12E-05	5.42E-03	1.29E-01	0.00E+00	1.75E-10	2.27E-10	2.62E-05	7.08E-07	1.73E-02	0.00E+00	1.29E-01	2.84E-10	1.29E-01	1.46E-01	1.73E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
GS11009016	3.02E-05	1.16E-02	2.06E-03	1.08E-02	1.45E-13	0.00E+00	1.47E-01	1.43E-07	1.36E-05	8.80E-05	0.00E+00	2.20E-04	1.13E-09	3.29E-11	1.60E-03	2.87E-05	9.62E-04	1.74E-04	1.62E-05	4.21E-03	1.00E-01	0.00E+00	1.36E-10	1.77E-10	2.04E-05	5.53E-07	1.35E-02	0.00E+00	1.00E-01	2.17E-10	1.00E-01	1.14E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	8.31E-04
GS11013020	4.01E-05	1.59E-02	2.83E-03	1.43E-02	1.69E-13	0.00E+00	1.96E-01	1.90E-07	1.81E-05	1.17E-04	0.00E+00	3.02E-04	1.50E-09	4.39E-11	2.12E-03	3.81E-05	1.27E-03	2.15E-04	2.22E-05	5.62E-03	1.34E-01	0.00E+00	1.81E-10	2.36E-10	2.72E-05	7.32E-07	1.79E-02	0.00E+00	1.34E-01	2.96E-10	1.34E-01	1.51E-01	1.79E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-03
GS11019011	3.92E-05	1.58E-02	2.83E-03	1.40E-02	1.49E-13	0.00E+00	1.92E-01	1.86E-07	1.77E-05	1.14E-04	0.00E+00	3.01E-04	1.47E-09	4.29E-11	2.08E-03	3.72E-05	1.24E-03	1.99E-04	2.22E-05	5.50E-03	1.30E-01	0.00E+00	1.77E-10	2.30E-10	2.65E-05	7.13E-07	1.75E-02	0.00E+00	1.30E-01	2.96E-10	1.30E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
GS11019016	4.01E-05	1.59E-02	2.83E-03	1.43E-02	1.69E-13	0.00E+00	1.96E-01	1.90E-07	1.81E-05	1.17E-04	0.00E+00	3.02E-04	1.50E-09	4.39E-11	2.12E-03	3.81E-05	1.27E-03	2.15E-04	2.22E-05	5.62E-03	1.34E-01	0.00E+00	1.81E-10	2.36E-10	2.72E-05	7.32E-07	1.79E-02	0.00E+00	1.34E-01	2.96E-10	1.34E-01	1.51E-01	1.79E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-03
GS12003020	3.08E-05	1.16E-02	2.06E-03	1.10E-02	1.57E-13	0.00E+00	1.50E-01	1.45E-07	1.38E-05	8.95E-05	0.00E+00	2.20E-04	1.14E-09	3.34E-11	1.63E-03	2.92E-05	9.81E-04	1.83E-04	1.62E-05	4.28E-03	1.02E-01	0.00E+00	1.38E-10	1.80E-10	2.08E-05	5.64E-07	1.37E-02	0.00E+00	1.02E-01	2.17E-10	1.02E-01	1.16E-01	1.37E-02	0.00E+00	0.00E+00	0.00E+00	8.46E-04
GS12009011	3.10E-05	1.16E-02	2.06E-03	1.10E-02	1.61E-13	0.00E+00	1.51E-01	1.46E-07	1.39E-05	9.01E-05	0.00E+00	2.20E-04	1.15E-09	3.36E-11	1.64E-03	2.94E-05	9.88E-04	1.86E-04	1.62E-05	4.30E-03	1.03E-01	0.00E+00	1.39E-10	1.81E-10	2.09E-05	5.67E-07	1.38E-02	0.00E+00	1.03E-01	2.17E-10	1.03E-01	1.17E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	8.52E-04
GS12009016	3.08E-05	1.16E-02	2.06E-03	1.10E-02	1.57E-13	0.00E+00	1.50E-01	1.45E-07	1.38E-05	8.95E-05	0.00E+00	2.20E-04	1.14E-09	3.34E-11	1.63E-03	2.92E-05	9.81E-04	1.83E-04	1.62E-05	4.28E-03	1.02E-01	0.00E+00	1.38E-10	1.80E-10	2.08E-05	5.64E-07	1.37E-02	0.00E+00	1.02E-01	2.17E-10	1.02E-01	1.16E-01	1.37E-02	0.00E+00	0.00E+00	0.00E+00	8.46E-04
GS12013020	3.94E-05	1.59E-02	2.83E-03	1.40E-02	1.53E-13	0.00E+00	1.93E-01	1.87E-07	1.78E-05	1.15E-04	0.00E+00	3.01E-04	1.48E-09	4.31E-11	2.09E-03	3.74E-05	1.25E-03	2.02E-04	2.22E-05	5.52E-03	1.31E-01	0.00E+00	1.77E-10	2.31E-10	2.67E-05	7.17E-07	1.76E-02	0.00E+00	1.31E-01	2.96E-10	1.31E-01	1.49E-01	1.76E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
GS12019011	3.90E-05	1.58E-02	2.83E-03	1.39E-02	1.44E-13	0.00E+00	1.91E-01	1.85E-07	1.77E-05	1.14E-04	0.00E+00	3.01E-04	1.46E-09	4.28E-11	2.07E-03	3.70E-05	1.23E-03	1.95E-04	2.22E-05	5.48E-03	1.30E-01	0.00E+00	1.76E-10	2.29E-10	2.64E-05	7.10E-07	1.74E-02	0.00E+00	1.30E-01	2.95E-10	1.30E-01	1.47E-01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
GS12019016	4.21E-05	1.72E-02	3.08E-03	1.50E-02	1.49E-13	0.00E+00	2.07E-01	2.00E-07	1.91E-05	1.23E-04	0.00E+00	3.28E-04	1.58E-09	4.62E-11	2.23E-03	3.99E-05	1.33E-03	2.06E-04	2.41E-05	5.91E-03	1.40E-01	0.00E+00	1.90E-10	2.47E-10	2.85E-05	7.65E-07	1.88E-02	0.00E+00	1.40E-01	3.21E-10	1.40E-01	1.59E-01	1.88E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
GS20003020	4.76E-05	2.11E-02	3.98E-03	1.71E-02	0.00E+00	0.00E+00	2.47E-01	2.35E-07	2.27E-05	1.41E-04	0.00E+00	4.17E-04	1.89E-09	5.52E-11	2.55E-03	4.57E-05	1.41E-03	0.00E+00	2.97E-05	7.02E-03	1.62E-01	0.00E+00	2.20E-10	2.84E-10	3.30E-05	8.42E-07	2.17E-02	0.00E+00	1.62E-01	3.98E-10	1.62E-01	1.84E-01	2.17E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
GS20009011	4.51E-05	2.00E-02	3.77E-03	1.62E-02	0.00E+00	0.00E+00	2.34E-01	2.22E-07	2.15E-05	1.34E-04	0.00E+00	3.96E-04	1.79E-09	5.23E-11	2.42E-03	4.33E-05	1.33E-03	0.00E+00	2.82E-05	6.65E-03	1.54E-01	0.00E+00	2.08E-10	2.69E-10	3.13E-05	7.98E-07	2.05E-02	0.00E+00	1.54E-01	3.78E-10	1.54E-01	1.75E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
GS20013020	5.70E-05	2.53E-02	4.76E-03	2.05E-02	0.00E+00	0.00E+00	2.96E-01	2.81E-07	2.72E-05	1.69E-04	0.00E+00	5.00E-04	2.26E-09	6.61E-11	3.05E-03	5.47E-05	1.69E-03	0.00E+00	3.56E-05	8.40E-03	1.94E-01	0.00E+00	2.63E-10	3.40E-10	3.95E-05	1.01E-06	2.59E-02	0.00E+00	1.94E-01	4.77E-10	1.94E-01	2.20E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
GS20019011	5.70E-05	2.53E-02	4.76E-03	2.05E-02	0.00E+00	0.00E+00	2.96E-01	2.81E-07	2.72E-05	1.69E-04	0.00E+00	5.00E-04	2.26E-09	6.61E-11	3.05E-03	5.47E-05	1.69E-03	0.00E+00	3.56E-05	8.40E-03	1.94E-01	0.00E+00	2.63E-10	3.40E-10	3.95E-05	1.01E-06	2.59E-02	0.00E+00	1.94E-01	4.77E-10	1.94E-01	2.20E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
GS20019016	5.70E-05	2.53E-02	4.76E-03	2.05E-02	0.00E+00	0.00E+00	2.96E-01	2.81E-07	2.72E-05	1.69E-04	0.00E+00	5.00E-04	2.26E-09	6.61E-11	3.05E-03	5.47E-05	1.69E-03	0.00E+00	3.56E-05	8.40E-03	1.94E-01	0.00E+00	2.63E-10	3.40E-10	3.95E-05	1.01E-06	2.59E-02	0.00E+00	1.94E-01	4.77E-10	1.94E-01	2.20E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
GS20109011	3.98E-05	3.29E-02	2.01E-02	1.28E-02	1.24E-10	0.00E+00	1.88E-01	1.85E-07	1.69E-05	1.23E-04	0.00E+00	7.55E-04	1.48E-09	4.03E-11	2.06E-03	1.21E-03	1.11E-03	1.01E-02	8.83E-05	3.80E-03	1.31E-01	0.00E+00	1.97E-10	2.33E-10	2.78E-05	8.66E-07	2.71E-02	0.00E+00	1.31E-01	2.98E-09	1.31E-01	1.58E-01	2.71E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
GS20109016	4.51E-05	2.00E-02	3.77E-03	1.62E-02	0.00E+00	0.00E+00	2.34E-01	2.22E-07	2.15E-05	1.34E-04	0.00E+00	3.96E-04	1.79E-09	5.23E-11	2.42E-03	4.33E-05	1.33E-03	0.00E+00	2.82E-05	6.65E-03	1.54E-01	0.00E+00	2.08E-10	2.69E-10	3.13E-05	7.98E-07	2.05E-02	0.00E+00	1.54E-01	3.78E-10	1.54E-01	1.75E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
GS20119011	5.25E-05	4.33E-02	2.64E-02	1.69E-02	1.64E-10	0.00E+00	2.47E-01	2.44E-07	2.23E-05	1.61E-04	0.00E+00	9.95E-04	1.94E-09	5.30E-11	2.71E-03	1.60E-03	1.46E-03	1.33E-02	1.16E-04	5.01E-03	1.72E-01	0.00E+00	2.60E-10	3.07E-10	3.67E-05	1.14E-06	3.57E-02	0.00E+00	1.72E-01	3.93E-09	1.72E-01	2.08E-01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
GS20119016	5.70E-05	2.53E-02	4.76E-03	2.05E-02	0.00E+00	0.00E+00	2.96E-01	2.81E-07	2.72E-05	1.69E-04	0.00E+00	5.00E-04	2.26E-09	6.61E-11	3.05E-03	5.47E-05	1.69E-03	0.00E+00	3.56E-05	8.40E-03	1.94E-01	0.00E+00	2.63E-10	3.40E-10	3.95E-05	1.01E-06	2.59E-02	0.00E+00	1.94E-01	4.77E-10	1.94E-01	2.20E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
GS30003020	6.25E-05	2.77E-02	5.22E-03	2.25E-02	0.00E+00	0.00E+00	3.24E-01	3.08E-07	2.98E-05	1.86E-04	0.00E+00	5.48E-04	2.48E-09	7.25E-11	3.35E-03	6.00E-05	1.85E-03	0.00E+00	3.90E-05	9.22E-03	2.13E-01	0.00E+00	2.88E-10	3.73E-10	4.34E-05	1.11E-06	2.85E-02	0.00E+00	2.13E-01	5.23E-10	2.13E-01	2.42E-01	2.85E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03
GS30009011	5.30E-05	4.37E-02	2.67E-02	1.70E-02	1.66E-10	0.00E+00	2.50E-01	2.47E-07	2.26E-05	1.63E-04	0.00E+00	1.01E-03	1.97E-09	5.36E-11	2.74E-03	1.62E-03	1.47E-03	1.34E-02	1.18E-04	5.06E-03	1.74E-01	0.00E+00	2.62E-10	3.10E-10	3.71E-05	1.15E-06	3.61E-02	0.00E+00	1.74E-01	3.97E-09	1.74E-01	2.10E-01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03
GS30009016	6.00E-05	2.66E-02	5.01E-03	2.16E-02	0.00E+00	0.00E+00	3.11E-01	2.96E-07	2.87E-05	1.78E-04	0.00E+00	5.26E-04	2.38E-09	6.96E-11	3.22E-03	5.76E-05	1.78E-03	0.00E+00	3.75E-05	8.85E-03	2.05E-01	0.00E+00	2.77E-10	3.59E-10	4.16E-05	1.06E-06	2.73E-02	0.00E+00	2.05E-01	5.02E-10	2.05E-01	2.32E-01	2.73E-02	0.00E+00	0.00E+00	0.00E+00	1.61E-03
GS30013020	8.61E-05	7.15E-02	3.92E-02	3.23E-02	1.89E-10	0.00E+00	4.16E-01	3.93E-07	4.00E-05	2.57E-04	0.00E+00	7.25E-04	3.15E-09	8.87E-11	3.80E-03	7.72E-05	5.87E-07	2.16E-02	1.90E-04	1.05E-02	2.81E-01	0.00E+00	3.89E-10	5.00E-10	6.01E-05	1.84E-06	3.84E-02	0.00E+00	2.81E-01	1.38E-09	2.81E-01	3.19E-01	3.84E-02	0.00E+00	0.00E+00	0.00E+00	2.42E-03
GS30019011	9.21E-05	4.08E-02	7.69E-03	3.32E-02	0.00E+00	0.00E+00	4.78E-01	4.54E-07	4.40E-05	2.73E-04	0.00E+00	8.08E-04	3.65E-09	1.07E-10	4.93E-03	8.84E-05	2.72E-03	0.00E+00	5.75E-05	1.36E-02	3.14E-01	0.00E+00	4.25E-10	5.50E-10	6.39E-05	1.63E-06	4.19E-02	0.00E+00	3.14E-01	7.71E-10	3.14E-01	3.56E-01	4.19E-02	0.00E+00	0.00E+00	0.00E+00	2.47E-03
GS30019016	9.21E-05	4.08E-02	7.69E-03	3.32E-02	0.00E+00	0.00E+00	4.78E-01	4.54E-07	4.40E-05	2.73E-04	0.00E+00	8.08E-04	3.65E-09	1.07E-10	4.93E-03	8.84E-05	2.72E-03	0.00E+00	5.75E-05	1.36E-02	3.14E-01	0.00E+00	4.25E-10	5.50E-10	6.39E-05	1.63E-06	4.19E-02	0.00E+00	3.14E-01	7.71E-10	3.14E-01	3.56E-01	4.19E-02	0.00E+00	0.00E+00	0.00E+00	2.47E-03
MK087-32	6.86E-06	2.94E-03	5.29E-04	2.45E-03	1.80E-14	0.00E+00	3.39E-02	3.27E-08	3.13E-06	2.00E-05	0.00E+00	5.62E-05	2.59E-10	7.57E-12	3.64E-04	6.51E-06	2.16E-04	2.92E-05	4.12E-06	9.71E-04	2.29E-02	0.00E+00	3.10E-11	4.03E-11	4.66E-06	1.24E-07	3.07E-03	0.00E+00	2.29E-02	5.48E-11	2.29E-02	2.60E-02	3.07E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-04
MK087-61	1.13E-05	5.21E-03	9.45E-04	4.03E-03	1.10E-14	0.00E+00	5.63E-02	5.42E-08	5.19E-06	3.30E-05	0.00E+00	9.99E-05	4.30E-10	1.26E-11	6.00E-04	1.07E-05	3.52E-04	3.57E-05	7.32E-06	1.61E-03	3.78E-02	0.00E+00	5.11E-11	6.64E-11	7.68E-06	2.02E-07	5.06E-03	0.00E+00	3.78E-02	9.70E-11	3.78E-02	4.28E-02	5.06E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04
SN013	6.49E-05	2.88E-02	5.42E-03	2.34E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.57E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
SN013QC	6.49E-05	2.88E-02	5.42E-03	2.34E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.57E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
SN015	7.02E-05	2.88E-02	5.42E-03	2.34E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.57E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
SN015QC	6.49E-05	2.88E-02	5.42E-03	2.34E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.57E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
SN016	6.66E-05	2.96E-02	5.57E-03	2.40E-02	0.00E+00	0.00E+00	3.46E-01	3.29E-07	3.18E-05	1.98E-04	0.00E+00	5.84E-04	2.64E-09	7.73E-11	3.57E-03	6.39E-05	1.97E-03	0.00E+00	4.16E-05	9.83E-03	2.27E-01	0.00E+00	3.07E-10	3.98E-10	4.62E-05	1.18E-06	3.03E-02	0.00E+00	2.27E-01	5.58E-10	2.27E-01	2.58E-01	3.03E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
SN016P	6.80E-05	3.02E-02	5.68E-03	2.45E-02	0.00E+00	0.00E+00	3.53E-01	3.35E-07	3.25E-05	2.02E-04	0.00E+00	5.96E-04	2.70E-09	7.88E-11	3.64E-03	6.52E-05	2.01E-03	0.00E+00	4.25E-05	1.00E-02	2.32E-01	0.00E+00	3.14E-10	4.06E-10	4.72E-05	1.20E-06	3.10E-02	0.00E+00	2.32E-01	5.69E-10	2.32E-01	2.63E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
SN023	7.02E-05	2.88E-02	5.42E-03	2.34E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.57E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
SN023QC	6.49E-05	2.88E-02	5.42E-03	2.34E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.57E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
SN025	7.02E-05	2.88E-02	5.42E-03	2.34E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.57E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03

SN025QC	6.49E-05	2.88E-02	5.42E-03	2.34E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.57E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
SN116	6.84E-05	3.03E-02	5.71E-03	2.46E-02	0.00E+00	0.00E+00	3.55E-01	3.37E-07	3.26E-05	2.03E-04	0.00E+00	6.00E-04	2.71E-09	7.93E-11	3.66E-03	6.56E-05	2.02E-03	0.00E+00	4.27E-05	1.01E-02	2.33E-01	0.00E+00	3.15E-10	4.08E-10	4.74E-05	1.21E-06	3.11E-02	0.00E+00	2.33E-01	5.73E-10	2.33E-01	2.65E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
SN116P	6.83E-05	3.23E-02	5.87E-03	2.44E-02	2.70E-14	0.00E+00	3.42E-01	3.29E-07	3.15E-05	2.00E-04	0.00E+00	6.20E-04	2.61E-09	7.64E-11	3.64E-03	6.48E-05	2.12E-03	1.91E-04	4.54E-05	9.81E-03	2.29E-01	0.00E+00	3.09E-10	4.02E-10	4.65E-05	1.22E-06	3.06E-02	0.00E+00	2.29E-01	6.01E-10	2.29E-01	2.60E-01	3.06E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
SN216	6.66E-05	2.96E-02	5.57E-03	2.40E-02	0.00E+00	0.00E+00	3.46E-01	3.29E-07	3.18E-05	1.98E-04	0.00E+00	5.84E-04	2.64E-09	7.73E-11	3.57E-03	6.39E-05	1.97E-03	0.00E+00	4.16E-05	9.83E-03	2.27E-01	0.00E+00	3.07E-10	3.98E-10	4.62E-05	1.18E-06	3.03E-02	0.00E+00	2.27E-01	5.58E-10	2.27E-01	2.58E-01	3.03E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
SN316	5.49E-05	2.62E-02	4.77E-03	1.96E-02	1.20E-14	0.00E+00	2.75E-01	2.65E-07	2.54E-05	1.61E-04	0.00E+00	5.03E-04	2.10E-09	6.16E-11	2.93E-03	5.21E-05	1.71E-03	1.46E-04	3.69E-05	7.90E-03	1.84E-01	0.00E+00	2.49E-10	3.24E-10	3.74E-05	9.82E-07	2.47E-02	0.00E+00	1.84E-01	4.87E-10	1.84E-01	2.09E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
SNO10DA	5.80E-05	2.38E-02	4.48E-03	1.93E-02	0.00E+00	0.00E+00	2.78E-01	2.64E-07	2.56E-05	1.59E-04	0.00E+00	4.70E-04	2.13E-09	6.21E-11	2.87E-03	5.14E-05	1.59E-03	0.00E+00	3.35E-05	7.90E-03	1.83E-01	0.00E+00	2.47E-10	3.20E-10	3.72E-05	9.48E-07	2.44E-02	0.00E+00	1.83E-01	4.48E-10	1.83E-01	2.07E-01	2.44E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-03
SNO15DA	5.77E-05	2.37E-02	4.45E-03	1.92E-02	0.00E+00	0.00E+00	2.77E-01	2.63E-07	2.55E-05	1.58E-04	0.00E+00	4.68E-04	2.12E-09	6.18E-11	2.86E-03	5.12E-05	1.58E-03	0.00E+00	3.33E-05	7.86E-03	1.82E-01	0.00E+00	2.46E-10	3.18E-10	3.70E-05	9.43E-07	2.43E-02	0.00E+00	1.82E-01	4.46E-10	1.82E-01	2.06E-01	2.43E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
SNS016	6.66E-05	2.96E-02	5.57E-03	2.40E-02	0.00E+00	0.00E+00	3.46E-01	3.29E-07	3.18E-05	1.98E-04	0.00E+00	5.84E-04	2.64E-09	7.73E-11	3.57E-03	6.39E-05	1.97E-03	0.00E+00	4.16E-05	9.83E-03	2.27E-01	0.00E+00	3.07E-10	3.98E-10	4.62E-05	1.18E-06	3.03E-02	0.00E+00	2.27E-01	5.58E-10	2.27E-01	2.58E-01	3.03E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
SNS216	1.34E-05	5.96E-03	1.12E-03	4.84E-03	0.00E+00	0.00E+00	6.97E-02	6.62E-08	6.41E-06	3.99E-05	0.00E+00	1.18E-04	5.33E-10	1.56E-11	7.20E-04	1.29E-05	3.97E-04	0.00E+00	8.39E-06	1.98E-03	4.58E-02	0.00E+00	6.20E-11	8.02E-11	9.32E-06	2.38E-07	6.12E-03	0.00E+00	4.58E-02	1.12E-10	4.58E-02	5.20E-02	6.12E-03	0.00E+00	0.00E+00	0.00E+00	3.60E-04
SNS316	7.26E-05	3.51E-02	6.40E-03	2.60E-02	1.00E-14	0.00E+00	3.65E-01	3.50E-07	3.36E-05	2.12E-04	0.00E+00	6.76E-04	2.79E-09	8.15E-11	3.87E-03	6.89E-05	2.25E-03	1.77E-04	4.95E-05	1.05E-02	2.44E-01	0.00E+00	3.29E-10	4.28E-10	4.95E-05	1.30E-06	3.26E-02	0.00E+00	2.44E-01	6.54E-10	2.44E-01	2.76E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
WBHP1S	4.18E-05	1.85E-02	3.01E-03	1.55E-02	0.00E+00	0.00E+00	1.89E-01	1.92E-07	1.77E-05	1.13E-04	0.00E+00	3.22E-04	1.43E-09	4.30E-11	2.34E-03	3.46E-05	1.70E-03	6.99E-04	2.75E-05	6.57E-03	1.32E-01	0.00E+00	1.72E-10	2.33E-10	2.62E-05	7.23E-07	1.78E-02	0.00E+00	1.32E-01	3.38E-10	1.32E-01	1.49E-01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
WBHP2S	3.85E-05	1.85E-02	3.01E-03	1.55E-02	0.00E+00	0.00E+00	1.89E-01	1.92E-07	1.76E-05	1.13E-04	0.00E+00	3.22E-04	1.43E-09	4.30E-11	2.33E-03	3.46E-05	1.69E-03	6.88E-04	2.75E-05	6.55E-03	1.32E-01	0.00E+00	1.72E-10	2.32E-10	2.62E-05	7.22E-07	1.78E-02	0.00E+00	1.32E-01	3.37E-10	1.32E-01	1.49E-01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
WBHP2S-MB	3.85E-05	1.85E-02	3.01E-03	1.55E-02	0.00E+00	0.00E+00	1.89E-01	1.92E-07	1.76E-05	1.13E-04	0.00E+00	3.22E-04	1.43E-09	4.30E-11	2.33E-03	3.46E-05	1.69E-03	6.88E-04	2.75E-05	6.55E-03	1.32E-01	0.00E+00	1.72E-10	2.32E-10	2.62E-05	7.22E-07	1.78E-02	0.00E+00	1.32E-01	3.37E-10	1.32E-01	1.49E-01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
WBHP2S-MW	3.85E-05	1.85E-02	3.01E-03	1.55E-02	0.00E+00	0.00E+00	1.89E-01	1.92E-07	1.76E-05	1.13E-04	0.00E+00	3.22E-04	1.43E-09	4.30E-11	2.33E-03	3.46E-05	1.69E-03	6.88E-04	2.75E-05	6.55E-03	1.32E-01	0.00E+00	1.72E-10	2.32E-10	2.62E-05	7.22E-07	1.78E-02	0.00E+00	1.32E-01	3.37E-10	1.32E-01	1.49E-01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
WBP1S	4.22E-05	1.95E-02	3.54E-03	1.51E-02	3.90E-14	0.00E+00	2.11E-01	2.03E-07	1.94E-05	1.23E-04	0.00E+00	3.75E-04	1.61E-09	4.71E-11	2.25E-03	4.01E-05	1.32E-03	1.33E-04	2.74E-05	6.05E-03	1.41E-01	0.00E+00	1.91E-10	2.49E-10	2.87E-05	7.58E-07	1.89E-02	0.00E+00	1.41E-01	3.64E-10	1.41E-01	1.60E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
WBP2S	4.85E-05	2.29E-02	3.85E-03	1.91E-02	0.00E+00	0.00E+00	2.41E-01	2.41E-07	2.24E-05	1.42E-04	0.00E+00	4.09E-04	1.83E-09	5.46E-11	2.87E-03	4.42E-05	1.99E-03	6.90E-04	3.37E-05	8.03E-03	1.66E-01	0.00E+00	2.18E-10	2.92E-10	3.31E-05	8.99E-07	2.23E-02	0.00E+00	1.66E-01	4.21E-10	1.66E-01	1.88E-01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
WBQP2S	4.78E-05	2.13E-02	3.42E-03	1.79E-02	0.00E+00	0.00E+00	2.15E-01	2.20E-07	2.01E-05	1.29E-04	0.00E+00	3.66E-04	1.63E-09	4.90E-11	2.71E-03	3.93E-05	2.01E-03	8.79E-04	3.19E-05	7.62E-03	1.51E-01	0.00E+00	1.96E-10	2.66E-10	2.99E-05	8.32E-07	2.04E-02	0.00E+00	1.51E-01	3.88E-10	1.51E-01	1.71E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
WBQP2S-MB	4.78E-05	2.13E-02	3.42E-03	1.79E-02	0.00E+00	0.00E+00	2.15E-01	2.20E-07	2.01E-05	1.29E-04	0.00E+00	3.66E-04	1.63E-09	4.90E-11	2.71E-03	3.93E-05	2.01E-03	8.79E-04	3.19E-05	7.62E-03	1.51E-01	0.00E+00	1.96E-10	2.66E-10	2.99E-05	8.32E-07	2.04E-02	0.00E+00	1.51E-01	3.88E-10	1.51E-01	1.71E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
WBQP2S-MW	4.78E-05	2.13E-02	3.42E-03	1.79E-02	0.00E+00	0.00E+00	2.15E-01	2.20E-07	2.01E-05	1.29E-04	0.00E+00	3.66E-04	1.63E-09	4.90E-11	2.71E-03	3.93E-05	2.01E-03	8.79E-04	3.19E-05	7.62E-03	1.51E-01	0.00E+00	1.96E-10	2.66E-10	2.99E-05	8.32E-07	2.04E-02	0.00E+00	1.51E-01	3.88E-10	1.51E-01	1.71E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
WBSP1S	2.85E-05	1.41E-02	2.18E-03	1.19E-02	0.00E+00	0.00E+00	1.37E-01	1.43E-07	1.29E-05	8.31E-05	0.00E+00	2.34E-04	1.04E-09	3.14E-11	1.80E-03	2.51E-05	1.39E-03	6.89E-04	2.12E-05	5.08E-03	9.76E-02	0.00E+00	1.26E-10	1.73E-10	1.93E-05	5.46E-07	1.32E-02	0.00E+00	9.76E-02	2.54E-10	9.76E-02	1.11E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	9.12E-04
WBSP1S-MW	2.85E-05	1.41E-02	2.18E-03	1.19E-02	0.00E+00	0.00E+00	1.37E-01	1.43E-07	1.29E-05	8.31E-05	0.00E+00	2.34E-04	1.04E-09	3.14E-11	1.80E-03	2.51E-05	1.39E-03	6.89E-04	2.12E-05	5.08E-03	9.76E-02	0.00E+00	1.26E-10	1.73E-10	1.93E-05	5.46E-07	1.32E-02	0.00E+00	9.76E-02	2.54E-10	9.76E-02	1.11E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	9.12E-04
WBSP2S	4.72E-05	2.07E-02	3.43E-03	1.73E-02	0.00E+00	0.00E+00	2.15E-01	2.17E-07	2.00E-05	1.28E-04	0.00E+00	3.66E-04	1.63E-09	4.88E-11	2.61E-03	3.94E-05	1.85E-03	6.99E-04	3.06E-05	7.31E-03	1.49E-01	0.00E+00	1.95E-10	2.63E-10	2.97E-05	8.12E-07	2.01E-02	0.00E+00	1.49E-01	3.79E-10	1.49E-01	1.69E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
WBSP2S-MB	4.72E-05	2.07E-02	3.43E-03	1.73E-02	0.00E+00	0.00E+00	2.15E-01	2.17E-07	2.00E-05	1.28E-04	0.00E+00	3.66E-04	1.63E-09	4.88E-11	2.61E-03	3.94E-05	1.85E-03	6.99E-04	3.06E-05	7.31E-03	1.49E-01	0.00E+00	1.95E-10	2.63E-10	2.97E-05	8.12E-07	2.01E-02	0.00E+00	1.49E-01	3.79E-10	1.49E-01	1.69E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
WBSP2S-MW	4.72E-05	2.07E-02	3.43E-03	1.73E-02	0.00E+00	0.00E+00	2.15E-01	2.17E-07	2.00E-05	1.28E-04	0.00E+00	3.66E-04	1.63E-09	4.88E-11	2.61E-03	3.94E-05	1.85E-03	6.99E-04	3.06E-05	7.31E-03	1.49E-01	0.00E+00	1.95E-10	2.63E-10	2.97E-05	8.12E-07	2.01E-02	0.00E+00	1.49E-01	3.79E-10	1.49E-01	1.69E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
WBWP115S	1.18E-04	5.34E-02	9.77E-03	4.36E-02	0.00E+00	0.00E+00	6.08E-01	5.85E-07	5.61E-05	3.51E-04	0.00E+00	1.03E-03	4.64E-09	1.36E-10	6.51E-03	1.12E-04	3.83E-03	4.10E-04	7.60E-05	1.80E-02	4.04E-01	0.00E+00	5.43E-10	7.09E-10	8.19E-05	2.12E-06	5.41E-02	0.00E+00	4.04E-01	1.00E-09	4.04E-01	4.58E-01	5.41E-02	0.00E+00	0.00E+00	0.00E+00	3.26E-03
WBWP1S	1.19E-04	5.35E-02	9.79E-03	4.37E-02	0.00E+00	0.00E+00	6.09E-01	5.86E-07	5.62E-05	3.51E-04	0.00E+00	1.03E-03	4.65E-09	1.37E-10	6.52E-03	1.13E-04	3.84E-03	4.10E-04	7.62E-05	1.80E-02	4.05E-01	0.00E+00	5.44E-10	7.10E-10	8.20E-05	2.12E-06	5.42E-02	0.00E+00	4.05E-01	1.00E-09	4.05E-01	4.59E-01	5.42E-02	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WBWP2S	1.88E-04	8.42E-02	1.56E-02	6.86E-02	0.00E+00	0.00E+00	9.68E-01	9.28E-07	8.93E-05	5.57E-04	0.00E+00	1.64E-03	7.40E-09	2.17E-10	1.02E-02	1.79E-04	5.89E-03	4.10E-04	1.19E-04	2.82E-02	6.41E-01	0.00E+00	8.64E-10	1.12E-09	1.30E-04	3.35E-06	8.57E-02	0.00E+00	6.41E-01	1.58E-09	6.41E-01	7.27E-01	8.57E-02	0.00E+00	0.00E+00	0.00E+00	5.13E-03
WBWP2SH	1.83E-04	8.21E-02	1.52E-02	6.69E-02	0.00E+00	0.00E+00	9.44E-01	9.05E-07	8.71E-05	5.43E-04	0.00E+00	1.60E-03	7.21E-09	2.12E-10	9.98E-03	1.74E-04	5.75E-03	4.10E-04	1.17E-04	2.76E-02	6.26E-01	0.00E+00	8.42E-10	1.10E-09	1.27E-04	3.27E-06	8.36E-02	0.00E+00	6.26E-01	1.54E-09	6.26E-01	7.09E-01	8.36E-02	0.00E+00	0.00E+00	0.00E+00	5.00E-03
WBWP2S-W	1.88E-04	8.44E-02	1.56E-02	6.88E-02	0.00E+00	0.00E+00	9.71E-01	9.30E-07	8.95E-05	5.58E-04	0.00E+00	1.64E-03	7.42E-09	2.17E-10	1.03E-02	1.79E-04	5.90E-03	4.10E-04	1.20E-04	2.83E-02	6.43E-01	0.00E+00	8.66E-10	1.13E-09	1.30E-04	3.36E-06	8.59E-02	0.00E+00	6.43E-01	1.59E-09	6.43E-01	7.29E-01	8.59E-02	0.00E+00	0.00E+00	0.00E+00	5.14E-03
WE100	3.80E-05	3.16E-02	1.73E-02	1.43E-02	8.33E-11	0.00E+00	1.84E-01	1.74E-07	1.77E-05	1.13E-04	0.00E+00	3.20E-04	1.39E-09	3.92E-11	1.68E-03	3.41E-05	2.58E-07	9.52E-03	8.40E-05	4.65E-03	1.24E-01	0.00E+00	1.72E-10	2.21E-10	2.65E-05	8.11E-07	1.69E-02	0.00E+00	1.24E-01	6.11E-10	1.24E-01	1.41E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
WE100A	4.03E-05	1.79E-02	3.37E-03	1.45E-02	0.00E+00	0.00E+00	2.09E-01	1.99E-07	1.92E-05	1.20E-04	0.00E+00	3.54E-04	1.60E-09	4.68E-11	2.16E-03	3.87E-05	1.19E-03	0.00E+00	2.52E-05	5.95E-03	1.38E-01	0.00E+00	1.86E-10	2.41E-10	2.80E-05	7.13E-07	1.84E-02	0.00E+00	1.38E-01	3.38E-10	1.38E-01	1.56E-01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
WE100G	4.13E-05	3.43E-02	1.88E-02	1.55E-02	9.05E-11	0.00E+00	2.00E-01	1.89E-07	1.92E-05	1.23E-04	0.00E+00	3.48E-04	1.51E-09	4.25E-11	1.82E-03	3.70E-05	2.80E-07	1.03E-02	9.12E-05	5.05E-03	1.35E-01	0.00E+00	1.87E-10	2.40E-10	2.88E-05	8.81E-07	1.84E-02	0.00E+00	1.35E-01	6.64E-10	1.35E-01	1.53E-01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
WE102	4.03E-05	1.79E-02	3.37E-03	1.45E-02	0.00E+00	0.00E+00	2.09E-01	1.99E-07	1.92E-05	1.20E-04	0.00E+00	3.54E-04	1.60E-09	4.68E-11	2.16E-03	3.87E-05	1.19E-03	0.00E+00	2.52E-05	5.95E-03	1.38E-01	0.00E+00	1.86E-10	2.41E-10	2.80E-05	7.13E-07	1.84E-02	0.00E+00	1.38E-01	3.38E-10	1.38E-01	1.56E-01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
WE102A	4.03E-05	1.79E-02	3.37E-03	1.45E-02	0.00E+00	0.00E+00	2.09E-01	1.99E-07	1.92E-05	1.20E-04	0.00E+00	3.54E-04	1.60E-09	4.68E-11	2.16E-03	3.87E-05	1.19E-03	0.00E+00	2.52E-05	5.95E-03	1.38E-01	0.00E+00	1.86E-10	2.41E-10	2.80E-05	7.13E-07	1.84E-02	0.00E+00	1.38E-01	3.38E-10	1.38E-01	1.56E-01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
WE102G	4.13E-05	3.43E-02	1.88E-02	1.55E-02	9.05E-11	0.00E+00	2.00E-01	1.89E-07	1.92E-05	1.23E-04	0.00E+00	3.48E-04	1.51E-09	4.25E-11	1.82E-03	3.70E-05	2.80E-07	1.03E-02	9.12E-05	5.05E-03	1.35E-01	0.00E+00	1.87E-10	2.40E-10	2.88E-05	8.81E-07	1.84E-02	0.00E+00	1.35E-01	6.64E-10	1.35E-01	1.53E-01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
WE104	3.29E-05	1.56E-02	2.83E-03	1.18E-02	1.10E-14	0.00E+00	1.65E-01	1.58E-07	1.52E-05	9.61E-05	0.00E+00	2.99E-04	1.26E-09	3.68E-11	1.75E-03	3.12E-05	1.02E-03	9.06E-05	2.19E-05	4.73E-03	1.10E-01	0.00E+00	1.49E-10	1.94E-10	2.24E-05	5.88E-07	1.48E-02	0.00E+00	1.10E-01	2.90E-10	1.10E-01	1.25E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.91E-04
WE106	4.03E-05	1.79E-02	3.37E-03	1.45E-02	0.00E+00	0.00E+00	2.09E-01	1.99E-07	1.92E-05	1.20E-04	0.00E+00	3.54E-04	1.60E-09	4.68E-11	2.16E-03	3.87E-05	1.19E-03	0.00E+00	2.52E-05	5.95E-03	1.38E-01	0.00E+00	1.86E-10	2.41E-10	2.80E-05	7.13E-07	1.84E-02	0.00E+00	1.38E-01	3.38E-10	1.38E-01	1.56E-01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
WE106A	4.03E-05	1.79E-02	3.37E-03	1.45E-02	0.00E+00	0.00E+00	2.09E-01	1.99E-07	1.92E-05	1.20E-04	0.00E+00	3.54E-04	1.60E-09	4.68E-11	2.16E-03	3.87E-05	1.19E-03	0.00E+00	2.52E-05	5.95E-03	1.38E-01	0.00E+00	1.86E-10	2.41E-10	2.80E-05	7.13E-07	1.84E-02	0.00E+00	1.38E-01	3.38E-10	1.38E-01	1.56E-01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
WE106G	4.09E-05	1.82E-02	3.42E-03	1.47E-02	0.00E+00	0.00E+00	2.12E-01	2.02E-07	1.95E-05	1.21E-04	0.00E+00	3.59E-04	1.62E-09	4.75E-11	2.19E-03	3.93E-05	1.21E-03	0.00E+00	2.56E-05	6.04E-03	1.40E-01	0.00E+00	1.89E-10	2.44E-10	2.84E-05	7.24E-07	1.86E-02	0.00E+00	1.40E-01	3.43E-10	1.40E-01	1.58E-01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-03
WE122	9.13E-05	3.74E-02	7.05E-03	3.04E-02	0.00E+00	0.00E+00	4.38E-01	4.16E-07	4.03E-05	2.50E-04	0.00E+00	7.40E-04	3.35E-09	9.78E-11	4.52E-03	8.10E-05	2.50E-03	0.00E+00	5.27E-05	1.24E-02	2.88E-01	0.00E+00	3.89E-10	5.04E-10	5.85E-05	1.49E-06	3.84E-02	0.00E+00	2.88E-01	7.06E-10	2.88E-01	3.26E-01	3.84E-02	0.00E+00	0.00E+00	0.00E+00	2.26E-03
WE122A	9.13E-05	3.74E-02	7.05E-03	3.04E-02	0.00E+00	0.00E+00	4.38E-01	4.16E-07	4.03E-05	2.50E-04	0.00E+00	7.40E-04	3.35E-09	9.78E-11	4.52E-03	8.10E-05	2.50E-03	0.00E+00	5.27E-05	1.24E-02	2.88E-01	0.00E+00	3.89E-10	5.04E-10	5.85E-05	1.49E-06	3.84E-02	0.00E+00	2.88E-01	7.06E-10	2.88E-01	3.26E-01	3.84E-02	0.00E+00	0.00E+00	0.00E+00	2.26E-03
WE123	1.42E-04	5.82E-02	1.10E-02	4.72E-02	0.00E+00	0.00E+00	6.80E-01	6.47E-07	6.26E-05	3.89E-04	0.00E+00	1.15E-03	5.20E-09	1.52E-10	7.02E-03	1.26E-04	3.88E-03	0.00E+00	8.19E-05	1.93E-02	4.48E-01	0.00E+00	6.05E-10	7.83E-10	9.10E-05	2.32E-06	5.97E-02	0.00E+00	4.48E-01	1.10E-09	4.48E-01	5.07E-01	5.97E-02	0.00E+00	0.00E+00	0.00E+00	3.52E-03
WE123A	1.42E-04	5.82E-02	1.10E-02	4.72E-02	0.00E+00	0.00E+00	6.80E-01	6.47E-07	6.26E-05	3.89E-04	0.00E+00	1.15E-03	5.20E-09	1.52E-10	7.02E-03	1.26E-04	3.88E-03	0.00E+00	8.19E-05	1.93E-02	4.48E-01	0.00E+00	6.05E-10	7.83E-10	9.10E-05	2.32E-06	5.97E-02	0.00E+00	4.48E-01	1.10E-09	4.48E-01	5.07E-01	5.97E-02	0.00E+00	0.00E+00	0.00E+00	3.52E-03
WFCC50NBSB	3.03E-05	9.99E-03	1.74E-03	1.08E-02	2.27E-13	0.00E+00	1.45E-01	1.42E-07	1.34E-05	8.80E-05	0.00E+00	1.87E-04	1.11E-09	3.24E-11	1.60E-03	2.88E-05	9.78E-04	2.29E-04	1.39E-05	4.14E-03	1.00E-01	0.00E+00	1.36E-10	1.77E-10	2.04E-05	5.61E-07	1.35E-02	0.00E+00	1.00E-01	1.87E-10	1.00E-01	1.14E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	8.40E-04
WFCC50NBSW	1.06E-04	4.81E-02	8.70E-03	3.80E-02	1.51E-13	0.00E+00	5.29E-01	5.10E-07	4.88E-05	3.10E-04	0.00E+00	9.21E-04	4.04E-09	1.18E-10	5.65E-03	1.01E-04	3.32E-03	3.70E-04	6.75E-05	1.52E-02	3.56E-01	0.00E+00	4.81E-10	6.25E-10	7.23E-05	1.91E-06	4.76E-02	0.00E+00	3.56E-01	8.95E-10	3.56E-01	4.03E-01	4.76E-02	0.00E+00	0.00E+00	0.00E+00	2.89E-03
WFS51BSB	1.88E-05	7.02E-03	1.24E-03	6.68E-03	1.00E-13	0.00E+00	9.13E-02	8.87E-08	8.43E-06	5.46E-05	0.00E+00	1.33E-04	6.98E-10	2.04E-11	9.93E-04	1.78E-05	6.00E-04	1.14E-04	9.78E-06	2.61E-03	6.23E-02	0.00E+00	8.44E-11	1.10E-10	1.27E-05	3.44E-07	8.37E-03	0.00E+00	6.23E-02	1.31E-10	6.23E-02	7.07E-02	8.37E-03	0.00E+00	0.00E+00	0.00E+00	5.17E-04
WFS51BSW	1.89E-05	7.02E-03	1.24E-03	6.71E-03	1.02E-13	0.00E+00	9.16E-02	8.91E-08	8.46E-06	5.49E-05	0.00E+00	1.33E-04	7.01E-10	2.05E-11	9.97E-04	1.79E-05	6.02E-04	1.16E-04	9.79E-06	2.62E-03	6.26E-02	0.00E+00	8.48E-11	1.10E-10	1.27E-05	3.46E-07	8.40E-03	0.00E+00	6.26E-02	1.31E-10	6.26E-02	7.10E-02	8.40E-03	0.00E+00	0.00E+00	0.00E+00	5.19E-04
WFSS81BSB	1.92E-05	7.03E-03	1.24E-03	6.82E-03	1.08E-13	0.00E+00	9.30E-02	9.04E-08	8.59E-06	5.57E-05	0.00E+00	1.33E-04	7.11E-10	2.08E-11	1.01E-03	1.82E-05	6.13E-04	1.21E-04	9.80E-06	2.66E-03	6.36E-02	0.00E+00	8.61E-11	1.12E-10	1.29E-05	3.52E-07	8.53E-03	0.00E+00	6.36E-02	1.31E-10	6.36E-02	7.21E-02	8.53E-03	0.00E+00	0.00E+00	0.00E+00	5.28E-04
WFSS81BSW	8.41E-05	3.97E-02	7.21E-03	3.01E-02	4.00E-14	0.00E+00	4.21E-01	4.05E-07	3.88E-05	2.46E-04	0.00E+00	7.62E-04	3.22E-09	9.41E-11	4.48E-03	7.98E-05	2.62E-03	2.39E-04	5.58E-05	1.21E-02	2.82E-01	0.00E+00	3.81E-10	4.96E-10	5.73E-05	1.51E-06	3.77E-02	0.00E+00	2.82E-01	7.38E-10	2.82E-01	3.20E-01	3.77E-02	0.00E+00	0.00E+00	0.00E+00	2.28E-03
WFSS81PSW	2.70E-05	1.11E-02	1.99E-03	9.61E-03	9.30E-14	0.00E+00	1.33E-01	1.28E-07	1.22E-05	7.86E-05	0.00E+00	2.11E-04	1.01E-09	2.96E-11	1.43E-03	2.56E-05	8.52E-04	1.30E-04	1.55E-05	3.79E-03	8.99E-02	0.00E+00	1.22E-10	1.58E-10	1.83E-05	4.90E-07	1.20E-02	0.00E+00	8.99E-02	2.07E-10	8.99E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.38E-04
WFSS82BSB	8.99E-05	4.07E-02	7.37E-03	3.21E-02	1.25E-13	0.00E+00	4.47E-01	4.31E-07	4.13E-05	2.63E-04	0.00E+00	7.80E-04	3.42E-09	1.00E-10	4.78E-03	8.53E-05	2.81E-03	3.11E-04	5.72E-05	1.28E-02	3.01E-01	0.00E+00	4.07E-10	5.29E-10	6.12E-05	1.62E-06	4.03E-02	0.00E+00	3.01E-01	7.58E-10	3.01E-01	3.41E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03
WFSS82BSW	8.53E-05	3.84E-02	6.95E-03	3.05E-02	1.31E-13	0.00E+00	4.24E-01	4.09E-07	3.91E-05	2.49E-04	0.00E+00	7.35E-04	3.24E-09	9.48E-11	4.53E-03	8.10E-05	2.67E-03	3.03E-04	5.39E-05	1.22E-02	2.85E-01	0.00E+00	3.86E-10	5.02E-10	5.80E-05	1.54E-06	3.82E-02	0.00E+00	2.85E-01	7.15E-10	2.85E-01	3.24E-01	3.82E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
WFSS82PSB	5.00E-05	2.08E-02	3.73E-03	1.78E-02	1.62E-13	0.00E+00	2.46E-01	2.38E-07	2.27E-05	1.46E-04	0.00E+00	3.96E-04	1.88E-09	5.50E-11	2.65E-03	4.75E-05	1.58E-03	2.35E-04	2.91E-05	7.05E-03	1.67E-01	0.00E+00	2.26E-10	2.94E-10	3.39E-05	9.08E-07	2.24E-02	0.00E+00	1.67E-01	3.87E-10	1.67E-01	1.89E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
WFSS82PSW	8.22E-05	3.68E-02	6.66E-03	2.94E-02	1.34E-13	0.00E+00	4.08E-01	3.94E-07	3.77E-05	2.40E-04	0.00E+00	7.05E-04	3.12E-09	9.13E-11	4.37E-03	7.80E-05	2.57E-03	2.97E-04	5.17E-05	1.17E-02	2.75E-01	0.00E+00	3.72E-10	4.84E-10	5.59E-05	1.48E-06	3.68E-02	0.00E+00	2.75E-01	6.86E-10	2.75E-01	3.12E-01	3.68E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
WGCS113S	3.74E-05	1.73E-02	3.14E-03	1.34E-02	3.40E-14	0.00E+00	1.87E-01	1.80E-07	1.72E-05	1.09E-04	0.00E+00	3.32E-04	1.43E-09	4.18E-11	1.99E-03	3.55E-05	1.17E-03	1.17E-04	2.43E-05	5.36E-03	1.25E-01	0.00E+00	1.69E-10	2.20E-10	2.55E-05	6.72E-07	1.68E-02	0.00E+00	1.25E-01	3.22E-10	1.25E-01	1.42E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03
WGCS115S	3.84E-05	1.77E-02	3.20E-03	1.37E-02	4.10E-14	0.00E+00	1.92E-01	1.85E-07	1.77E-05	1.12E-04	0.00E+00	3.39E-04	1.46E-09	4.28E-11	2.04E-03	3.65E-05	1.20E-03	1.24E-04	2.48E-05	5.50E-03	1.29E-01	0.00E+00	1.74E-10	2.26E-10	2.62E-05	6.90E-07	1.72E-02	0.00E+00	1.29E-01	3.29E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
WGCS116EA	3.73E-05	1.73E-02	3.14E-03	1.33E-02	3.10E-14	0.00E+00	1.86E-01	1.79E-07	1.72E-05	1.09E-04	0.00E+00	3.32E-04	1.42E-09	4.16E-11	1.98E-03	3.53E-05	1.16E-03	1.15E-04	2.43E-05	5.34E-03	1.25E-01	0.00E+00	1.69E-10	2.19E-10	2.54E-05	6.68E-07	1.67E-02	0.00E+00	1.25E-01	3.22E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
WGCS116S	4.60E-05	2.17E-02	3.95E-03	1.65E-02	2.00E-14	0.00E+00	2.30E-01	2.22E-07	2.12E-05	1.35E-04	0.00E+00	4.17E-04	1.76E-09	5.15E-11	2.45E-03	4.37E-05	1.43E-03	1.30E-04	3.06E-05	6.61E-03	1.54E-01	0.00E+00	2.09E-10	2.71E-10	3.14E-05	8.24E-07	2.06E-02	0.00E+00	1.54E-01	4.04E-10	1.54E-01	1.75E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.25E-03
WGCS216EA	3.35E-05	1.52E-02	2.74E-03	1.20E-02	4.60E-14	0.00E+00	1.67E-01	1.61E-07	1.54E-05	9.78E-05	0.00E+00	2.90E-04	1.27E-09	3.72E-11	1.78E-03	3.18E-05	1.05E-03	1.16E-04	2.13E-05	4.78E-03	1.12E-01	0.00E+00	1.51E-10	1.97E-10	2.28E-05	6.02E-07	1.50E-02	0.00E+00	1.12E-01	2.82E-10	1.12E-01	1.27E-01	1.50E-02	0.00E+00	0.00E+00	0.00E+00	9.10E-04
WGCS216UI	4.61E-05	2.12E-02	3.84E-03	1.65E-02	4.90E-14	0.00E+00	2.30E-01	2.21E-07	2.12E-05	1.35E-04	0.00E+00	4.06E-04	1.76E-09	5.14E-11	2.45E-03	4.37E-05	1.44E-03	1.49E-04	2.98E-05	6.59E-03	1.54E-01	0.00E+00	2.09E-10	2.71E-10	3.14E-05	8.27E-07	2.06E-02	0.00E+00	1.54E-01	3.94E-10	1.54E-01	1.75E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.25E-03
WGCXS113SKB	3.90E-05	1.83E-02	3.33E-03	1.39E-02	2.30E-14	0.00E+00	1.95E-01	1.88E-07	1.80E-05	1.14E-04	0.00E+00	3.51E-04	1.49E-09	4.36E-11	2.08E-03	3.70E-05	1.21E-03	1.14E-04	2.57E-05	5.60E-03	1.31E-01	0.00E+00	1.77E-10	2.30E-10	2.66E-05	6.99E-07	1.75E-02	0.00E+00	1.31E-01	3.41E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
WGCXS115SNB	3.63E-05	1.68E-02	3.05E-03	1.30E-02	3.40E-14	0.00E+00	1.81E-01	1.75E-07	1.67E-05	1.06E-04	0.00E+00	3.22E-04	1.39E-09	4.05E-11	1.93E-03	3.45E-05	1.13E-03	1.15E-04	2.36E-05	5.20E-03	1.22E-01	0.00E+00	1.64E-10	2.14E-10	2.47E-05	6.52E-07	1.63E-02	0.00E+00	1.22E-01	3.13E-10	1.22E-01	1.38E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.87E-04
WGCXS116EAKB	3.73E-05	1.75E-02	3.18E-03	1.33E-02	2.30E-14	0.00E+00	1.87E-01	1.80E-07	1.72E-05	1.09E-04	0.00E+00	3.36E-04	1.43E-09	4.17E-11	1.99E-03	3.54E-05	1.16E-03	1.09E-04	2.46E-05	5.35E-03	1.25E-01	0.00E+00	1.69E-10	2.20E-10	2.54E-05	6.69E-07	1.67E-02	0.00E+00	1.25E-01	3.26E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
WGCXS116EANB	3.74E-05	1.76E-02	3.19E-03	1.34E-02	2.20E-14	0.00E+00	1.87E-01	1.80E-07	1.73E-05	1.09E-04	0.00E+00	3.37E-04	1.43E-09	4.19E-11	1.99E-03	3.55E-05	1.17E-03	1.09E-04	2.47E-05	5.37E-03	1.25E-01	0.00E+00	1.70E-10	2.21E-10	2.55E-05	6.71E-07	1.68E-02	0.00E+00	1.25E-01	3.27E-10	1.25E-01	1.42E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03
WGCXS116ISKB	3.65E-05	1.67E-02	3.03E-03	1.30E-02	4.30E-14	0.00E+00	1.82E-01	1.75E-07	1.68E-05	1.07E-04	0.00E+00	3.20E-04	1.39E-09	4.07E-11	1.94E-03	3.46E-05	1.14E-03	1.21E-04	2.35E-05	5.22E-03	1.22E-01	0.00E+00	1.65E-10	2.15E-10	2.48E-05	6.56E-07	1.64E-02	0.00E+00	1.22E-01	3.11E-10	1.22E-01	1.39E-01	1.64E-02	0.00E+00	0.00E+00	0.00E+00	9.92E-04
WGCXS116ISNB	3.61E-05	1.65E-02	2.99E-03	1.29E-02	4.20E-14	0.00E+00	1.80E-01	1.73E-07	1.66E-05	1.05E-04	0.00E+00	3.17E-04	1.38E-09	4.02E-11	1.92E-03	3.43E-05	1.13E-03	1.19E-04	2.32E-05	5.16E-03	1.21E-01	0.00E+00	1.63E-10	2.13E-10	2.46E-05	6.49E-07	1.62E-02	0.00E+00	1.21E-01	3.08E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.81E-04
WGCXS116SKB	4.20E-05	1.99E-02	3.62E-03	1.50E-02	1.60E-14	0.00E+00	2.10E-01	2.02E-07	1.94E-05	1.23E-04	0.00E+00	3.82E-04	1.61E-09	4.71E-11	2.24E-03	3.99E-05	1.31E-03	1.17E-04	2.80E-05	6.04E-03	1.41E-01	0.00E+00	1.91E-10	2.48E-10	2.86E-05	7.53E-07	1.89E-02	0.00E+00	1.41E-01	3.70E-10	1.41E-01	1.60E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
WGCXS116SNB	1.32E-04	6.49E-02	1.18E-02	4.72E-02	7.00E-14	0.00E+00	6.64E-01	6.38E-07	6.12E-05	3.86E-04	0.00E+00	1.25E-03	5.08E-09	1.49E-10	7.03E-03	1.25E-04	4.08E-03	2.86E-04	9.14E-05	1.91E-02	4.43E-01	0.00E+00	5.99E-10	7.78E-10	9.00E-05	2.35E-06	5.93E-02	0.00E+00	4.43E-01	1.21E-09	4.43E-01	5.03E-01	5.93E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
WGCXS216EAKB	3.91E-05	1.82E-02	3.30E-03	1.40E-02	3.10E-14	0.00E+00	1.95E-01	1.88E-07	1.80E-05	1.14E-04	0.00E+00	3.49E-04	1.49E-09	4.36E-11	2.08E-03	3.71E-05	1.22E-03	1.19E-04	2.55E-05	5.60E-03	1.31E-01	0.00E+00	1.77E-10	2.30E-10	2.66E-05	7.01E-07	1.75E-02	0.00E+00	1.31E-01	3.38E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
WGCXS216EANB	3.93E-05	1.83E-02	3.32E-03	1.40E-02	3.00E-14	0.00E+00	1.96E-01	1.89E-07	1.81E-05	1.15E-04	0.00E+00	3.50E-04	1.50E-09	4.38E-11	2.09E-03	3.72E-05	1.22E-03	1.19E-04	2.57E-05	5.63E-03	1.32E-01	0.00E+00	1.78E-10	2.31E-10	2.67E-05	7.04E-07	1.76E-02	0.00E+00	1.32E-01	3.40E-10	1.32E-01	1.49E-01	1.76E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
WGDS110USIG	5.59E-05	2.67E-02	4.86E-03	2.00E-02	1.00E-14	0.00E+00	2.80E-01	2.70E-07	2.58E-05	1.64E-04	0.00E+00	5.13E-04	2.14E-09	6.27E-11	2.98E-03	5.31E-05	1.74E-03	1.48E-04	3.76E-05	8.05E-03	1.88E-01	0.00E+00	2.54E-10	3.30E-10	3.81E-05	1.00E-06	2.51E-02	0.00E+00	1.88E-01	4.97E-10	1.88E-01	2.13E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03
WGDS110USKB	5.59E-05	2.67E-02	4.86E-03	2.00E-02	1.00E-14	0.00E+00	2.80E-01	2.70E-07	2.58E-05	1.64E-04	0.00E+00	5.13E-04	2.14E-09	6.27E-11	2.98E-03	5.31E-05	1.74E-03	1.48E-04	3.76E-05	8.05E-03	1.88E-01	0.00E+00	2.54E-10	3.30E-10	3.81E-05	1.00E-06	2.51E-02	0.00E+00	1.88E-01	4.97E-10	1.88E-01	2.13E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03
WGDS113S	3.09E-05	1.40E-02	2.53E-03	1.10E-02	4.40E-14	0.00E+00	1.54E-01	1.48E-07	1.42E-05	9.02E-05	0.00E+00	2.68E-04	1.17E-09	3.43E-11	1.64E-03	2.93E-05	9.65E-04	1.07E-04	1.96E-05	4.41E-03	1.03E-01	0.00E+00	1.40E-10	1.82E-10	2.10E-05	5.55E-07	1.38E-02	0.00E+00	1.03E-01	2.60E-10	1.03E-01	1.17E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	8.40E-04
WGDS113SIG	4.46E-05	2.09E-02	3.81E-03	1.60E-02	2.60E-14	0.00E+00	2.23E-01	2.15E-07	2.06E-05	1.31E-04	0.00E+00	4.02E-04	1.71E-09	4.99E-11	2.38E-03	4.23E-05	1.39E-03	1.30E-04	2.95E-05	6.41E-03	1.50E-01	0.00E+00	2.02E-10	2.63E-10	3.04E-05	8.00E-07	2.00E-02	0.00E+00	1.50E-01	3.90E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
WGDS113SNB	4.56E-05	2.14E-02	3.89E-03	1.63E-02	2.50E-14	0.00E+00	2.28E-01	2.19E-07	2.10E-05	1.33E-04	0.00E+00	4.11E-04	1.74E-09	5.10E-11	2.43E-03	4.32E-05	1.42E-03	1.32E-04	3.01E-05	6.54E-03	1.53E-01	0.00E+00	2.06E-10	2.68E-10	3.10E-05	8.16E-07	2.04E-02	0.00E+00	1.53E-01	3.99E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-03
WGDS115S	6.58E-05	3.13E-02	5.70E-03	2.35E-02	1.60E-14	0.00E+00	3.30E-01	3.17E-07	3.04E-05	1.93E-04	0.00E+00	6.02E-04	2.52E-09	7.38E-11	3.51E-03	6.24E-05	2.04E-03	1.77E-04	4.41E-05	9.47E-03	2.21E-01	0.00E+00	2.98E-10	3.88E-10	4.49E-05	1.18E-06	2.95E-02	0.00E+00	2.21E-01	5.83E-10	2.21E-01	2.50E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
WGDS115SEG	6.57E-05	3.13E-02	5.70E-03	2.35E-02	1.30E-14	0.00E+00	3.29E-01	3.17E-07	3.04E-05	1.92E-04	0.00E+00	6.02E-04	2.52E-09	7.36E-11	3.50E-03	6.23E-05	2.04E-03	1.75E-04	4.41E-05	9.45E-03	2.20E-01	0.00E+00	2.98E-10	3.87E-10	4.48E-05	1.18E-06	2.95E-02	0.00E+00	2.20E-01	5.83E-10	2.20E-01	2.50E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
WGDS115SIG	6.57E-05	3.13E-02	5.70E-03	2.35E-02	1.30E-14	0.00E+00	3.29E-01	3.17E-07	3.04E-05	1.92E-04	0.00E+00	6.02E-04	2.52E-09	7.36E-11	3.50E-03	6.23E-05	2.04E-03	1.75E-04	4.41E-05	9.45E-03	2.20E-01	0.00E+00	2.98E-10	3.87E-10	4.48E-05	1.18E-06	2.95E-02	0.00E+00	2.20E-01	5.83E-10	2.20E-01	2.50E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
WGDS115SKB	6.57E-05	3.13E-02	5.70E-03	2.35E-02	1.30E-14	0.00E+00	3.29E-01	3.17E-07	3.04E-05	1.92E-04	0.00E+00	6.02E-04	2.52E-09	7.36E-11	3.50E-03	6.23E-05	2.04E-03	1.75E-04	4.41E-05	9.45E-03	2.20E-01	0.00E+00	2.98E-10	3.87E-10	4.48E-05	1.18E-06	2.95E-02	0.00E+00	2.20E-01	5.83E-10	2.20E-01	2.50E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
WGDS116EA	5.25E-05	2.49E-02	4.53E-03	1.88E-02	1.70E-14	0.00E+00	2.63E-01	2.53E-07	2.42E-05	1.54E-04	0.00E+00	4.79E-04	2.01E-09	5.88E-11	2.80E-03	4.98E-05	1.63E-03	1.44E-04	3.51E-05	7.55E-03	1.76E-01	0.00E+00	2.38E-10	3.09E-10	3.58E-05	9.39E-07	2.36E-02	0.00E+00	1.76E-01	4.64E-10	1.76E-01	2.00E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03
WGDS116EAEG	5.26E-05	2.50E-02	4.54E-03	1.88E-02	1.60E-14	0.00E+00	2.63E-01	2.53E-07	2.43E-05	1.54E-04	0.00E+00	4.80E-04	2.01E-09	5.89E-11	2.80E-03	4.99E-05	1.63E-03	1.44E-04	3.51E-05	7.56E-03	1.76E-01	0.00E+00	2.38E-10	3.10E-10	3.59E-05	9.41E-07	2.36E-02	0.00E+00	1.76E-01	4.65E-10	1.76E-01	2.00E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
WGDS116EAIG	5.34E-05	2.53E-02	4.61E-03	1.91E-02	1.60E-14	0.00E+00	2.67E-01	2.57E-07	2.46E-05	1.56E-04	0.00E+00	4.87E-04	2.04E-09	5.98E-11	2.84E-03	5.06E-05	1.66E-03	1.45E-04	3.57E-05	7.67E-03	1.79E-01	0.00E+00	2.42E-10	3.14E-10	3.64E-05	9.55E-07	2.39E-02	0.00E+00	1.79E-01	4.72E-10	1.79E-01	2.03E-01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
WGDS116EAKB	5.44E-05	2.58E-02	4.70E-03	1.94E-02	1.50E-14	0.00E+00	2.72E-01	2.62E-07	2.51E-05	1.59E-04	0.00E+00	4.97E-04	2.08E-09	6.09E-11	2.90E-03	5.16E-05	1.69E-03	1.47E-04	3.64E-05	7.82E-03	1.82E-01	0.00E+00	2.46E-10	3.20E-10	3.71E-05	9.73E-07	2.44E-02	0.00E+00	1.82E-01	4.81E-10	1.82E-01	2.07E-01	2.44E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
WGDS116EANB	5.44E-05	2.58E-02	4.70E-03	1.94E-02	1.50E-14	0.00E+00	2.72E-01	2.62E-07	2.51E-05	1.59E-04	0.00E+00	4.97E-04	2.08E-09	6.09E-11	2.90E-03	5.16E-05	1.69E-03	1.47E-04	3.64E-05	7.82E-03	1.82E-01	0.00E+00	2.46E-10	3.20E-10	3.71E-05	9.73E-07	2.44E-02	0.00E+00	1.82E-01	4.81E-10	1.82E-01	2.07E-01	2.44E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
WGDS116S	4.57E-05	2.15E-02	3.90E-03	1.63E-02	2.60E-14	0.00E+00	2.29E-01	2.20E-07	2.11E-05	1.34E-04	0.00E+00	4.12E-04	1.75E-09	5.11E-11	2.43E-03	4.34E-05	1.42E-03	1.33E-04	3.02E-05	6.56E-03	1.53E-01	0.00E+00	2.07E-10	2.69E-10	3.11E-05	8.19E-07	2.05E-02	0.00E+00	1.53E-01	4.00E-10	1.53E-01	1.74E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-03

WGDS116SEG	5.51E-05	2.62E-02	4.77E-03	1.97E-02	1.50E-14	0.00E+00	2.76E-01	2.65E-07	2.54E-05	1.61E-04	0.00E+00	5.03E-04	2.11E-09	6.17E-11	2.93E-03	5.23E-05	1.71E-03	1.49E-04	3.69E-05	7.92E-03	1.85E-01	0.00E+00	2.50E-10	3.25E-10	3.75E-05	9.85E-07	2.47E-02	0.00E+00	1.85E-01	4.88E-10	1.85E-01	2.09E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
WGDS116SIG	5.72E-05	2.73E-02	4.97E-03	2.05E-02	1.20E-14	0.00E+00	2.87E-01	2.76E-07	2.64E-05	1.67E-04	0.00E+00	5.24E-04	2.19E-09	6.41E-11	3.05E-03	5.43E-05	1.78E-03	1.52E-04	3.84E-05	8.23E-03	1.92E-01	0.00E+00	2.59E-10	3.37E-10	3.90E-05	1.02E-06	2.57E-02	0.00E+00	1.92E-01	5.08E-10	1.92E-01	2.18E-01	2.57E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
WGDS116SKB	5.51E-05	2.62E-02	4.77E-03	1.97E-02	1.50E-14	0.00E+00	2.76E-01	2.65E-07	2.54E-05	1.61E-04	0.00E+00	5.03E-04	2.11E-09	6.17E-11	2.93E-03	5.23E-05	1.71E-03	1.49E-04	3.69E-05	7.92E-03	1.85E-01	0.00E+00	2.50E-10	3.25E-10	3.75E-05	9.85E-07	2.47E-02	0.00E+00	1.85E-01	4.88E-10	1.85E-01	2.09E-01	2.47E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
WGDS116SNB	5.48E-05	2.60E-02	4.74E-03	1.96E-02	1.50E-14	0.00E+00	2.74E-01	2.64E-07	2.53E-05	1.60E-04	0.00E+00	5.00E-04	2.10E-09	6.13E-11	2.92E-03	5.19E-05	1.70E-03	1.48E-04	3.66E-05	7.87E-03	1.84E-01	0.00E+00	2.48E-10	3.23E-10	3.73E-05	9.80E-07	2.46E-02	0.00E+00	1.84E-01	4.84E-10	1.84E-01	2.08E-01	2.46E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03
WGDS216IS	7.67E-05	3.52E-02	6.39E-03	2.74E-02	8.10E-14	0.00E+00	3.82E-01	3.68E-07	3.52E-05	2.24E-04	0.00E+00	6.76E-04	2.92E-09	8.54E-11	4.08E-03	7.27E-05	2.39E-03	2.48E-04	4.95E-05	1.10E-02	2.57E-01	0.00E+00	3.47E-10	4.51E-10	5.22E-05	1.38E-06	3.44E-02	0.00E+00	2.57E-01	6.56E-10	2.57E-01	2.91E-01	3.44E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
WGDS216ISEG	7.65E-05	3.52E-02	6.39E-03	2.73E-02	7.70E-14	0.00E+00	3.82E-01	3.67E-07	3.52E-05	2.24E-04	0.00E+00	6.76E-04	2.92E-09	8.53E-11	4.07E-03	7.26E-05	2.39E-03	2.45E-04	4.95E-05	1.09E-02	2.56E-01	0.00E+00	3.46E-10	4.50E-10	5.21E-05	1.37E-06	3.43E-02	0.00E+00	2.56E-01	6.56E-10	2.56E-01	2.90E-01	3.43E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
WGDS216ISIG	7.65E-05	3.52E-02	6.39E-03	2.73E-02	7.70E-14	0.00E+00	3.82E-01	3.67E-07	3.52E-05	2.24E-04	0.00E+00	6.76E-04	2.92E-09	8.53E-11	4.07E-03	7.26E-05	2.39E-03	2.45E-04	4.95E-05	1.09E-02	2.56E-01	0.00E+00	3.46E-10	4.50E-10	5.21E-05	1.37E-06	3.43E-02	0.00E+00	2.56E-01	6.56E-10	2.56E-01	2.90E-01	3.43E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
WGDS216ISKB	7.65E-05	3.52E-02	6.39E-03	2.73E-02	7.70E-14	0.00E+00	3.82E-01	3.67E-07	3.52E-05	2.24E-04	0.00E+00	6.76E-04	2.92E-09	8.53E-11	4.07E-03	7.26E-05	2.39E-03	2.45E-04	4.95E-05	1.09E-02	2.56E-01	0.00E+00	3.46E-10	4.50E-10	5.21E-05	1.37E-06	3.43E-02	0.00E+00	2.56E-01	6.56E-10	2.56E-01	2.90E-01	3.43E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
WGDS216ISNB	7.64E-05	3.52E-02	6.39E-03	2.73E-02	7.50E-14	0.00E+00	3.81E-01	3.67E-07	3.51E-05	2.23E-04	0.00E+00	6.75E-04	2.91E-09	8.52E-11	4.06E-03	7.25E-05	2.38E-03	2.43E-04	4.95E-05	1.09E-02	2.56E-01	0.00E+00	3.46E-10	4.50E-10	5.20E-05	1.37E-06	3.42E-02	0.00E+00	2.56E-01	6.56E-10	2.56E-01	2.90E-01	3.42E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
WGMS110US	5.68E-05	2.72E-02	4.96E-03	2.03E-02	5.00E-15	0.00E+00	2.85E-01	2.74E-07	2.63E-05	1.66E-04	0.00E+00	5.24E-04	2.18E-09	6.37E-11	3.03E-03	5.39E-05	1.76E-03	1.46E-04	3.83E-05	8.18E-03	1.91E-01	0.00E+00	2.58E-10	3.35E-10	3.87E-05	1.02E-06	2.55E-02	0.00E+00	1.91E-01	5.07E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
WGMS113S	3.55E-05	1.64E-02	2.98E-03	1.27E-02	3.10E-14	0.00E+00	1.77E-01	1.71E-07	1.63E-05	1.04E-04	0.00E+00	3.15E-04	1.35E-09	3.96E-11	1.89E-03	3.37E-05	1.11E-03	1.11E-04	2.31E-05	5.08E-03	1.19E-01	0.00E+00	1.61E-10	2.09E-10	2.42E-05	6.37E-07	1.59E-02	0.00E+00	1.19E-01	3.06E-10	1.19E-01	1.35E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	9.64E-04
WGMS113SAS	3.19E-05	1.46E-02	2.65E-03	1.14E-02	3.70E-14	0.00E+00	1.59E-01	1.53E-07	1.47E-05	9.32E-05	0.00E+00	2.80E-04	1.22E-09	3.56E-11	1.70E-03	3.03E-05	9.96E-04	1.05E-04	2.05E-05	4.56E-03	1.07E-01	0.00E+00	1.44E-10	1.88E-10	2.17E-05	5.73E-07	1.43E-02	0.00E+00	1.07E-01	2.72E-10	1.07E-01	1.21E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	8.67E-04
WGMS113SKB	3.17E-05	1.45E-02	2.63E-03	1.13E-02	3.70E-14	0.00E+00	1.58E-01	1.52E-07	1.46E-05	9.25E-05	0.00E+00	2.78E-04	1.21E-09	3.53E-11	1.68E-03	3.00E-05	9.89E-04	1.05E-04	2.04E-05	4.53E-03	1.06E-01	0.00E+00	1.43E-10	1.86E-10	2.15E-05	5.69E-07	1.42E-02	0.00E+00	1.06E-01	2.70E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.60E-04
WGMS115S	5.64E-05	2.67E-02	4.86E-03	2.01E-02	1.90E-14	0.00E+00	2.82E-01	2.71E-07	2.60E-05	1.65E-04	0.00E+00	5.13E-04	2.16E-09	6.31E-11	3.00E-03	5.35E-05	1.75E-03	1.55E-04	3.76E-05	8.10E-03	1.89E-01	0.00E+00	2.55E-10	3.32E-10	3.84E-05	1.01E-06	2.53E-02	0.00E+00	1.89E-01	4.97E-10	1.89E-01	2.14E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
WGMS115SKB	5.64E-05	2.67E-02	4.86E-03	2.01E-02	1.90E-14	0.00E+00	2.82E-01	2.71E-07	2.60E-05	1.65E-04	0.00E+00	5.13E-04	2.16E-09	6.31E-11	3.00E-03	5.35E-05	1.75E-03	1.55E-04	3.76E-05	8.10E-03	1.89E-01	0.00E+00	2.55E-10	3.32E-10	3.84E-05	1.01E-06	2.53E-02	0.00E+00	1.89E-01	4.97E-10	1.89E-01	2.14E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
WGMS116EA	3.51E-05	1.62E-02	2.95E-03	1.25E-02	3.20E-14	0.00E+00	1.75E-01	1.69E-07	1.62E-05	1.03E-04	0.00E+00	3.11E-04	1.34E-09	3.92E-11	1.87E-03	3.33E-05	1.09E-03	1.10E-04	2.28E-05	5.02E-03	1.18E-01	0.00E+00	1.59E-10	2.07E-10	2.39E-05	6.30E-07	1.57E-02	0.00E+00	1.18E-01	3.02E-10	1.18E-01	1.33E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WGMS116EAAS	3.92E-05	1.83E-02	3.33E-03	1.40E-02	2.70E-14	0.00E+00	1.96E-01	1.89E-07	1.81E-05	1.15E-04	0.00E+00	3.51E-04	1.50E-09	4.38E-11	2.09E-03	3.72E-05	1.22E-03	1.17E-04	2.58E-05	5.62E-03	1.31E-01	0.00E+00	1.78E-10	2.31E-10	2.67E-05	7.03E-07	1.76E-02	0.00E+00	1.31E-01	3.41E-10	1.31E-01	1.49E-01	1.76E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
WGMS116EAKB	3.72E-05	1.73E-02	3.14E-03	1.33E-02	2.90E-14	0.00E+00	1.86E-01	1.79E-07	1.71E-05	1.09E-04	0.00E+00	3.32E-04	1.42E-09	4.15E-11	1.98E-03	3.53E-05	1.16E-03	1.13E-04	2.43E-05	5.33E-03	1.25E-01	0.00E+00	1.68E-10	2.19E-10	2.53E-05	6.67E-07	1.67E-02	0.00E+00	1.25E-01	3.22E-10	1.25E-01	1.41E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
WGMS116ISAS	3.92E-05	1.79E-02	3.25E-03	1.40E-02	4.40E-14	0.00E+00	1.95E-01	1.88E-07	1.80E-05	1.14E-04	0.00E+00	3.44E-04	1.49E-09	4.36E-11	2.08E-03	3.72E-05	1.22E-03	1.29E-04	2.52E-05	5.60E-03	1.31E-01	0.00E+00	1.77E-10	2.31E-10	2.67E-05	7.04E-07	1.76E-02	0.00E+00	1.31E-01	3.34E-10	1.31E-01	1.49E-01	1.76E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
WGMS116ISKB	3.97E-05	1.82E-02	3.30E-03	1.42E-02	4.40E-14	0.00E+00	1.98E-01	1.91E-07	1.83E-05	1.16E-04	0.00E+00	3.49E-04	1.51E-09	4.42E-11	2.11E-03	3.77E-05	1.24E-03	1.30E-04	2.56E-05	5.68E-03	1.33E-01	0.00E+00	1.80E-10	2.34E-10	2.70E-05	7.13E-07	1.78E-02	0.00E+00	1.33E-01	3.39E-10	1.33E-01	1.51E-01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
WGMS116S	4.36E-05	2.05E-02	3.73E-03	1.56E-02	2.20E-14	0.00E+00	2.18E-01	2.10E-07	2.01E-05	1.27E-04	0.00E+00	3.94E-04	1.67E-09	4.87E-11	2.32E-03	4.13E-05	1.36E-03	1.25E-04	2.89E-05	6.26E-03	1.46E-01	0.00E+00	1.97E-10	2.57E-10	2.97E-05	7.80E-07	1.95E-02	0.00E+00	1.46E-01	3.82E-10	1.46E-01	1.66E-01	1.95E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
WGMS116SKB	4.36E-05	2.05E-02	3.73E-03	1.56E-02	2.20E-14	0.00E+00	2.18E-01	2.10E-07	2.01E-05	1.27E-04	0.00E+00	3.94E-04	1.67E-09	4.87E-11	2.32E-03	4.13E-05	1.36E-03	1.25E-04	2.89E-05	6.26E-03	1.46E-01	0.00E+00	1.97E-10	2.57E-10	2.97E-05	7.80E-07	1.95E-02	0.00E+00	1.46E-01	3.82E-10	1.46E-01	1.66E-01	1.95E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
WGMS213S	4.58E-05	2.06E-02	3.73E-03	1.64E-02	7.10E-14	0.00E+00	2.28E-01	2.20E-07	2.10E-05	1.34E-04	0.00E+00	3.95E-04	1.74E-09	5.09E-11	2.44E-03	4.35E-05	1.43E-03	1.63E-04	2.89E-05	6.53E-03	1.53E-01	0.00E+00	2.07E-10	2.70E-10	3.12E-05	8.25E-07	2.05E-02	0.00E+00	1.53E-01	3.84E-10	1.53E-01	1.74E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.25E-03
WGMS216EA	3.69E-05	1.69E-02	3.07E-03	1.32E-02	4.00E-14	0.00E+00	1.84E-01	1.77E-07	1.70E-05	1.08E-04	0.00E+00	3.25E-04	1.41E-09	4.11E-11	1.96E-03	3.50E-05	1.15E-03	1.20E-04	2.38E-05	5.27E-03	1.23E-01	0.00E+00	1.67E-10	2.17E-10	2.51E-05	6.62E-07	1.65E-02	0.00E+00	1.23E-01	3.15E-10	1.23E-01	1.40E-01	1.65E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
WGMS216EAAS	3.99E-05	1.85E-02	3.35E-03	1.43E-02	3.70E-14	0.00E+00	1.99E-01	1.92E-07	1.84E-05	1.17E-04	0.00E+00	3.54E-04	1.52E-09	4.46E-11	2.12E-03	3.79E-05	1.25E-03	1.25E-04	2.60E-05	5.72E-03	1.34E-01	0.00E+00	1.81E-10	2.35E-10	2.72E-05	7.17E-07	1.79E-02	0.00E+00	1.34E-01	3.44E-10	1.34E-01	1.52E-01	1.79E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
WGMS216EAKB	4.02E-05	1.86E-02	3.38E-03	1.44E-02	3.60E-14	0.00E+00	2.01E-01	1.93E-07	1.85E-05	1.18E-04	0.00E+00	3.57E-04	1.53E-09	4.49E-11	2.14E-03	3.81E-05	1.25E-03	1.26E-04	2.62E-05	5.76E-03	1.35E-01	0.00E+00	1.82E-10	2.37E-10	2.74E-05	7.22E-07	1.80E-02	0.00E+00	1.35E-01	3.46E-10	1.35E-01	1.53E-01	1.80E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
WGMS216IS	6.73E-05	3.08E-02	5.57E-03	2.40E-02	8.00E-14	0.00E+00	3.35E-01	3.23E-07	3.09E-05	1.97E-04	0.00E+00	5.90E-04	2.56E-09	7.50E-11	3.58E-03	6.39E-05	2.10E-03	2.24E-04	4.32E-05	9.62E-03	2.25E-01	0.00E+00	3.05E-10	3.96E-10	4.58E-05	1.21E-06	3.02E-02	0.00E+00	2.25E-01	5.73E-10	2.25E-01	2.56E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
WGMS216ISKB	6.74E-05	3.08E-02	5.57E-03	2.41E-02	8.20E-14	0.00E+00	3.36E-01	3.23E-07	3.10E-05	1.97E-04	0.00E+00	5.90E-04	2.57E-09	7.51E-11	3.58E-03	6.39E-05	2.10E-03	2.25E-04	4.32E-05	9.63E-03	2.26E-01	0.00E+00	3.05E-10	3.97E-10	4.59E-05	1.21E-06	3.02E-02	0.00E+00	2.26E-01	5.73E-10	2.26E-01	2.56E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
WGMS216UI	4.48E-05	2.06E-02	3.74E-03	1.60E-02	4.60E-14	0.00E+00	2.24E-01	2.15E-07	2.06E-05	1.31E-04	0.00E+00	3.96E-04	1.71E-09	5.00E-11	2.38E-03	4.25E-05	1.40E-03	1.44E-04	2.90E-05	6.41E-03	1.50E-01	0.00E+00	2.03E-10	2.64E-10	3.05E-05	8.05E-07	2.01E-02	0.00E+00	1.50E-01	3.84E-10	1.50E-01	1.70E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
WH105853E	1.11E-05	4.94E-03	9.30E-04	4.01E-03	0.00E+00	0.00E+00	5.77E-02	5.49E-08	5.31E-06	3.30E-05	0.00E+00	9.76E-05	4.42E-10	1.29E-11	5.96E-04	1.07E-05	3.29E-04	0.00E+00	6.95E-06	1.64E-03	3.80E-02	0.00E+00	5.13E-11	6.65E-11	7.72E-06	1.97E-07	5.07E-03	0.00E+00	3.80E-02	9.32E-11	3.80E-02	4.30E-02	5.07E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
WH105853F	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH105854E	1.06E-05	4.18E-03	7.45E-04	3.79E-03	4.60E-14	0.00E+00	5.20E-02	5.04E-08	4.80E-06	3.10E-05	0.00E+00	7.94E-05	3.98E-10	1.16E-11	5.63E-04	1.01E-05	3.38E-04	5.78E-05	5.85E-06	1.49E-03	3.54E-02	0.00E+00	4.79E-11	6.24E-11	7.20E-06	1.94E-07	4.74E-03	0.00E+00	3.54E-02	7.80E-11	3.54E-02	4.01E-02	4.74E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
WH105952E	1.06E-05	4.18E-03	7.45E-04	3.79E-03	4.60E-14	0.00E+00	5.20E-02	5.04E-08	4.80E-06	3.10E-05	0.00E+00	7.94E-05	3.98E-10	1.16E-11	5.63E-04	1.01E-05	3.38E-04	5.78E-05	5.85E-06	1.49E-03	3.54E-02	0.00E+00	4.79E-11	6.24E-11	7.20E-06	1.94E-07	4.74E-03	0.00E+00	3.54E-02	7.80E-11	3.54E-02	4.01E-02	4.74E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
WH105952F	1.45E-06	6.12E-05	6.92E-07	5.10E-04	3.20E-14	0.00E+00	6.36E-03	6.43E-09	5.92E-07	4.16E-06	0.00E+00	4.81E-07	4.86E-11	1.41E-12	7.49E-05	1.39E-06	5.04E-05	2.49E-05	5.66E-08	1.78E-04	4.66E-03	0.00E+00	6.36E-12	8.36E-12	9.54E-07	2.88E-08	6.32E-04	0.00E+00	4.66E-03	1.27E-12	4.66E-03	5.29E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	4.21E-05
WH105962E	2.85E-05	1.37E-02	2.49E-03	1.02E-02	3.00E-15	0.00E+00	1.43E-01	1.38E-07	1.32E-05	8.35E-05	0.00E+00	2.62E-04	1.09E-09	3.20E-11	1.52E-03	2.71E-05	8.86E-04	7.43E-05	1.92E-05	4.11E-03	9.57E-02	0.00E+00	1.29E-10	1.68E-10	1.95E-05	5.10E-07	1.28E-02	0.00E+00	9.57E-02	2.54E-10	9.57E-02	1.09E-01	1.28E-02	0.00E+00	0.00E+00	0.00E+00	7.73E-04
WH106007E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH106253E	1.30E-06	5.48E-05	6.19E-07	4.56E-04	2.80E-14	0.00E+00	5.69E-03	5.75E-09	5.30E-07	3.72E-06	0.00E+00	4.30E-07	4.35E-11	1.26E-12	6.70E-05	1.24E-06	4.51E-05	2.23E-05	5.06E-08	1.60E-04	4.17E-03	0.00E+00	5.69E-12	7.48E-12	8.54E-07	2.58E-08	5.65E-04	0.00E+00	4.17E-03	1.13E-12	4.17E-03	4.73E-03	5.65E-04	0.00E+00	0.00E+00	0.00E+00	3.76E-05
WH106257F	1.68E-06	7.09E-05	8.01E-07	5.90E-04	3.70E-14	0.00E+00	7.36E-03	7.44E-09	6.85E-07	4.82E-06	0.00E+00	5.57E-07	5.63E-11	1.64E-12	8.68E-05	1.61E-06	5.84E-05	2.88E-05	6.55E-08	2.07E-04	5.39E-03	0.00E+00	7.37E-12	9.68E-12	1.11E-06	3.33E-08	7.31E-04	0.00E+00	5.39E-03	1.46E-12	5.39E-03	6.12E-03	7.31E-04	0.00E+00	0.00E+00	0.00E+00	4.87E-05
WH106453E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH106453F	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH106457E	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH106457F	2.10E-06	8.86E-05	1.00E-06	7.38E-04	4.60E-14	0.00E+00	9.20E-03	9.31E-09	8.57E-07	6.02E-06	0.00E+00	6.96E-07	7.04E-11	2.04E-12	1.08E-04	2.01E-06	7.30E-05	3.60E-05	8.19E-08	2.58E-04	6.74E-03	0.00E+00	9.21E-12	1.21E-11	1.38E-06	4.17E-08	9.14E-04	0.00E+00	6.74E-03	1.83E-12	6.74E-03	7.66E-03	9.14E-04	0.00E+00	0.00E+00	0.00E+00	6.09E-05
WH11580100C	3.94E-06	1.66E-04	1.88E-06	1.38E-03	8.60E-14	0.00E+00	1.72E-02	1.74E-08	1.60E-06	1.13E-05	0.00E+00	1.30E-06	1.32E-10	3.83E-12	2.03E-04	3.76E-06	1.37E-04	6.75E-05	1.53E-07	4.84E-04	1.26E-02	0.00E+00	1.72E-11	2.26E-11	2.59E-06	7.80E-08	1.71E-03	0.00E+00	1.26E-02	3.43E-12	1.26E-02	1.43E-02	1.71E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WH11580300A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH11580300B	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11580300C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH11580305A	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11580305B	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11580305C	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11580306C	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11585300A	2.20E-05	1.05E-02	1.91E-03	7.85E-03	2.00E-15	0.00E+00	1.10E-01	1.06E-07	1.01E-05	6.42E-05	0.00E+00	2.02E-04	8.41E-10	2.46E-11	1.17E-03	2.08E-05	6.81E-04	5.68E-05	1.48E-05	3.16E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.92E-07	9.85E-03	0.00E+00	7.36E-02	1.96E-10	7.36E-02	8.35E-02	9.85E-03	0.00E+00	0.00E+00	0.00E+00	5.94E-04
WH11585300B	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11585300C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH11585305A	2.20E-05	1.05E-02	1.91E-03	7.85E-03	2.00E-15	0.00E+00	1.10E-01	1.06E-07	1.01E-05	6.42E-05	0.00E+00	2.02E-04	8.41E-10	2.46E-11	1.17E-03	2.08E-05	6.81E-04	5.68E-05	1.48E-05	3.16E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.92E-07	9.85E-03	0.00E+00	7.36E-02	1.96E-10	7.36E-02	8.35E-02	9.85E-03	0.00E+00	0.00E+00	0.00E+00	5.94E-04
WH11585305B	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11585305C	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11585306A	2.20E-05	1.05E-02	1.91E-03	7.85E-03	2.00E-15	0.00E+00	1.10E-01	1.06E-07	1.01E-05	6.42E-05	0.00E+00	2.02E-04	8.41E-10	2.46E-11	1.17E-03	2.08E-05	6.81E-04	5.68E-05	1.48E-05	3.16E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.92E-07	9.85E-03	0.00E+00	7.36E-02	1.96E-10	7.36E-02	8.35E-02	9.85E-03	0.00E+00	0.00E+00	0.00E+00	5.94E-04
WH11585400A	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11585400C	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11592200A	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11592200B	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11592200C	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11592205A	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11592205B	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11592205C	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11593200A	1.87E-04	9.13E-02	1.67E-02	6.69E-02	6.70E-14	0.00E+00	9.41E-01	9.03E-07	8.67E-05	5.47E-04	0.00E+00	1.76E-03	7.19E-09	2.10E-10	9.97E-03	1.77E-04	5.79E-03	4.27E-04	1.29E-04	2.70E-02	6.28E-01	0.00E+00	8.49E-10	1.10E-09	1.28E-04	3.34E-06	8.40E-02	0.00E+00	6.28E-01	1.70E-09	6.28E-01	7.12E-01	8.40E-02	0.00E+00	0.00E+00	0.00E+00	5.06E-03
WH11593200B	3.88E-04	1.89E-01	3.46E-02	1.39E-01	1.51E-13	0.00E+00	1.95E+00	1.87E-06	1.80E-04	1.13E-03	0.00E+00	3.65E-03	1.49E-08	4.36E-10	2.07E-02	3.68E-04	1.20E-02	8.77E-04	2.67E-04	5.60E-02	1.30E+00	0.00E+00	1.76E-09	2.29E-09	2.64E-04	6.91E-06	1.74E-01	0.00E+00	1.30E+00	3.52E-09	1.30E+00	1.48E+00	1.74E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-02
WH11593205C	2.16E-04	1.02E-01	1.86E-02	7.73E-02	7.20E-14	0.00E+00	1.08E+00	1.04E-06	9.98E-05	6.32E-04	0.00E+00	1.97E-03	8.27E-09	2.42E-10	1.15E-02	2.05E-04	6.72E-03	5.94E-04	1.44E-04	3.11E-02	7.25E-01	0.00E+00	9.79E-10	1.27E-09	1.47E-04	3.87E-06	9.70E-02	0.00E+00	7.25E-01	1.91E-09	7.25E-01	8.22E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	5.86E-03
WH11593206C	2.16E-04	1.02E-01	1.86E-02	7.73E-02	7.20E-14	0.00E+00	1.08E+00	1.04E-06	9.98E-05	6.32E-04	0.00E+00	1.97E-03	8.27E-09	2.42E-10	1.15E-02	2.05E-04	6.72E-03	5.94E-04	1.44E-04	3.11E-02	7.25E-01	0.00E+00	9.79E-10	1.27E-09	1.47E-04	3.87E-06	9.70E-02	0.00E+00	7.25E-01	1.91E-09	7.25E-01	8.22E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	5.86E-03
WH11595200A	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11595200B	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11595200C	3.94E-06	1.66E-04	1.88E-06	1.38E-03	8.60E-14	0.00E+00	1.72E-02	1.74E-08	1.60E-06	1.13E-05	0.00E+00	1.30E-06	1.32E-10	3.83E-12	2.03E-04	3.76E-06	1.37E-04	6.75E-05	1.53E-07	4.84E-04	1.26E-02	0.00E+00	1.72E-11	2.26E-11	2.59E-06	7.80E-08	1.71E-03	0.00E+00	1.26E-02	3.43E-12	1.26E-02	1.43E-02	1.71E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WH11595205A	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11595205C	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH11596200A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH11596200B	3.88E-04	1.89E-01	3.46E-02	1.39E-01	1.51E-13	0.00E+00	1.95E+00	1.87E-06	1.80E-04	1.13E-03	0.00E+00	3.65E-03	1.49E-08	4.36E-10	2.07E-02	3.68E-04	1.20E-02	8.77E-04	2.67E-04	5.60E-02	1.30E+00	0.00E+00	1.76E-09	2.29E-09	2.64E-04	6.91E-06	1.74E-01	0.00E+00	1.30E+00	3.52E-09	1.30E+00	1.48E+00	1.74E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-02
WH11596200C	2.16E-04	1.02E-01	1.86E-02	7.73E-02	7.20E-14	0.00E+00	1.08E+00	1.04E-06	9.98E-05	6.32E-04	0.00E+00	1.97E-03	8.27E-09	2.42E-10	1.15E-02	2.05E-04	6.72E-03	5.94E-04	1.44E-04	3.11E-02	7.25E-01	0.00E+00	9.79E-10	1.27E-09	1.47E-04	3.87E-06	9.70E-02	0.00E+00	7.25E-01	1.91E-09	7.25E-01	8.22E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	5.86E-03
WH11596205C	2.16E-04	1.02E-01	1.86E-02	7.73E-02	7.20E-14	0.00E+00	1.08E+00	1.04E-06	9.98E-05	6.32E-04	0.00E+00	1.97E-03	8.27E-09	2.42E-10	1.15E-02	2.05E-04	6.72E-03	5.94E-04	1.44E-04	3.11E-02	7.25E-01	0.00E+00	9.79E-10	1.27E-09	1.47E-04	3.87E-06	9.70E-02	0.00E+00	7.25E-01	1.91E-09	7.25E-01	8.22E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	5.86E-03
WH11596206A	1.87E-04	9.13E-02	1.67E-02	6.69E-02	6.70E-14	0.00E+00	9.41E-01	9.03E-07	8.67E-05	5.47E-04	0.00E+00	1.76E-03	7.19E-09	2.10E-10	9.97E-03	1.77E-04	5.79E-03	4.27E-04	1.29E-04	2.70E-02	6.28E-01	0.00E+00	8.49E-10	1.10E-09	1.28E-04	3.34E-06	8.40E-02	0.00E+00	6.28E-01	1.70E-09	6.28E-01	7.12E-01	8.40E-02	0.00E+00	0.00E+00	0.00E+00	5.06E-03
WH11620300C	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11620305C	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11620700C	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11622300A	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11622300B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH11622300C	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04

WH11622305A	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11622305B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH11622305C	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11622700A	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11622700B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH11622700C	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11622705A	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11622705C	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11623306A	4.09E-04	2.04E-01	3.73E-02	1.46E-01	3.56E-13	0.00E+00	2.06E+00	1.98E-06	1.90E-04	1.20E-03	0.00E+00	3.93E-03	1.58E-08	4.62E-10	2.18E-02	3.88E-04	1.26E-02	7.94E-04	2.88E-04	5.93E-02	1.38E+00	0.00E+00	1.86E-09	2.42E-09	2.80E-04	7.28E-06	1.84E-01	0.00E+00	1.38E+00	3.80E-09	1.38E+00	1.56E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	1.11E-02
WH11625300A	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11625300B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH11625300C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH11625305A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH11625305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH11625306B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH11625700A	2.10E-06	8.86E-05	1.00E-06	7.38E-04	4.60E-14	0.00E+00	9.20E-03	9.31E-09	8.57E-07	6.02E-06	0.00E+00	6.96E-07	7.04E-11	2.04E-12	1.08E-04	2.01E-06	7.30E-05	3.60E-05	8.19E-08	2.58E-04	6.74E-03	0.00E+00	9.21E-12	1.21E-11	1.38E-06	4.17E-08	9.14E-04	0.00E+00	6.74E-03	1.83E-12	6.74E-03	7.66E-03	9.14E-04	0.00E+00	0.00E+00	0.00E+00	6.09E-05
WH11625700B	2.41E-06	1.02E-04	1.15E-06	8.45E-04	5.20E-14	0.00E+00	1.05E-02	1.07E-08	9.81E-07	6.89E-06	0.00E+00	7.97E-07	8.06E-11	2.34E-12	1.24E-04	2.30E-06	8.36E-05	4.13E-05	9.38E-08	2.96E-04	7.72E-03	0.00E+00	1.05E-11	1.39E-11	1.58E-06	4.77E-08	1.05E-03	0.00E+00	7.72E-03	2.10E-12	7.72E-03	8.77E-03	1.05E-03	0.00E+00	0.00E+00	0.00E+00	6.97E-05
WH11625700C	3.10E-06	1.31E-04	1.48E-06	1.09E-03	6.70E-14	0.00E+00	1.36E-02	1.37E-08	1.26E-06	8.86E-06	0.00E+00	1.02E-06	1.04E-10	3.01E-12	1.60E-04	2.96E-06	1.07E-04	5.31E-05	1.21E-07	3.80E-04	9.93E-03	0.00E+00	1.36E-11	1.78E-11	2.03E-06	6.14E-08	1.35E-03	0.00E+00	9.93E-03	2.70E-12	9.93E-03	1.13E-02	1.35E-03	0.00E+00	0.00E+00	0.00E+00	8.97E-05
WH11625705A	2.10E-06	8.86E-05	1.00E-06	7.38E-04	4.60E-14	0.00E+00	9.20E-03	9.31E-09	8.57E-07	6.02E-06	0.00E+00	6.96E-07	7.04E-11	2.04E-12	1.08E-04	2.01E-06	7.30E-05	3.60E-05	8.19E-08	2.58E-04	6.74E-03	0.00E+00	9.21E-12	1.21E-11	1.38E-06	4.17E-08	9.14E-04	0.00E+00	6.74E-03	1.83E-12	6.74E-03	7.66E-03	9.14E-04	0.00E+00	0.00E+00	0.00E+00	6.09E-05
WH11640300C	3.94E-06	1.66E-04	1.88E-06	1.38E-03	8.60E-14	0.00E+00	1.72E-02	1.74E-08	1.60E-06	1.13E-05	0.00E+00	1.30E-06	1.32E-10	3.83E-12	2.03E-04	3.76E-06	1.37E-04	6.75E-05	1.53E-07	4.84E-04	1.26E-02	0.00E+00	1.72E-11	2.26E-11	2.59E-06	7.80E-08	1.71E-03	0.00E+00	1.26E-02	3.43E-12	1.26E-02	1.43E-02	1.71E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WH11640305C	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11640700C	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11640705C	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11642105A	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11642300A	2.31E-05	1.06E-02	1.91E-03	8.24E-03	2.60E-14	0.00E+00	1.15E-01	1.11E-07	1.06E-05	6.74E-05	0.00E+00	2.02E-04	8.79E-10	2.57E-11	1.23E-03	2.19E-05	7.20E-04	7.58E-05	1.48E-05	3.30E-03	7.72E-02	0.00E+00	1.04E-10	1.36E-10	1.57E-05	4.14E-07	1.03E-02	0.00E+00	7.72E-02	1.97E-10	7.72E-02	8.75E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	6.26E-04
WH11642300B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH11642300C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH11642305A	2.31E-05	1.06E-02	1.91E-03	8.24E-03	2.60E-14	0.00E+00	1.15E-01	1.11E-07	1.06E-05	6.74E-05	0.00E+00	2.02E-04	8.79E-10	2.57E-11	1.23E-03	2.19E-05	7.20E-04	7.58E-05	1.48E-05	3.30E-03	7.72E-02	0.00E+00	1.04E-10	1.36E-10	1.57E-05	4.14E-07	1.03E-02	0.00E+00	7.72E-02	1.97E-10	7.72E-02	8.75E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	6.26E-04
WH11642305B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH11642305C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH11642306A	2.31E-05	1.06E-02	1.91E-03	8.24E-03	2.60E-14	0.00E+00	1.15E-01	1.11E-07	1.06E-05	6.74E-05	0.00E+00	2.02E-04	8.79E-10	2.57E-11	1.23E-03	2.19E-05	7.20E-04	7.58E-05	1.48E-05	3.30E-03	7.72E-02	0.00E+00	1.04E-10	1.36E-10	1.57E-05	4.14E-07	1.03E-02	0.00E+00	7.72E-02	1.97E-10	7.72E-02	8.75E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	6.26E-04
WH11642306C	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH11642700A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH11642700B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH11642700C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH11642705A	2.28E-05	1.04E-02	1.89E-03	8.14E-03	2.60E-14	0.00E+00	1.14E-01	1.09E-07	1.05E-05	6.66E-05	0.00E+00	2.00E-04	8.68E-10	2.54E-11	1.21E-03	2.16E-05	7.11E-04	7.53E-05	1.46E-05	3.26E-03	7.63E-02	0.00E+00	1.03E-10	1.34E-10	1.55E-05	4.09E-07	1.02E-02	0.00E+00	7.63E-02	1.94E-10	7.63E-02	8.65E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	6.19E-04
WH11642705C	3.58E-05	1.64E-02	2.98E-03	1.28E-02	3.70E-14	0.00E+00	1.78E-01	1.72E-07	1.64E-05	1.05E-04	0.00E+00	3.15E-04	1.36E-09	3.99E-11	1.90E-03	3.39E-05	1.12E-03	1.15E-04	2.31E-05	5.12E-03	1.20E-01	0.00E+00	1.62E-10	2.11E-10	2.43E-05	6.42E-07	1.60E-02	0.00E+00	1.20E-01	3.06E-10	1.20E-01	1.36E-01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	9.71E-04
WH11643300A	2.48E-06	1.05E-04	1.18E-06	8.72E-04	5.40E-14	0.00E+00	1.09E-02	1.10E-08	1.01E-06	7.11E-06	0.00E+00	8.22E-07	8.32E-11	2.42E-12	1.28E-04	2.37E-06	8.62E-05	4.26E-05	9.67E-08	3.05E-04	7.97E-03	0.00E+00	1.09E-11	1.43E-11	1.63E-06	4.92E-08	1.08E-03	0.00E+00	7.97E-03	2.16E-12	7.97E-03	9.05E-03	1.08E-03	0.00E+00	0.00E+00	0.00E+00	7.19E-05
WH11643300C	3.52E-06	1.48E-04	1.68E-06	1.23E-03	7.70E-14	0.00E+00	1.54E-02	1.56E-08	1.43E-06	1.01E-05	0.00E+00	1.16E-06	1.18E-10	3.42E-12	1.81E-04	3.36E-06	1.22E-04	6.03E-05	1.37E-07	4.32E-04	1.13E-02	0.00E+00	1.54E-11	2.02E-11	2.31E-06	6.97E-08	1.53E-03	0.00E+00	1.13E-02	3.06E-12	1.13E-02	1.28E-02	1.53E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-04
WH11643305A	2.48E-06	1.05E-04	1.18E-06	8.72E-04	5.40E-14	0.00E+00	1.09E-02	1.10E-08	1.01E-06	7.11E-06	0.00E+00	8.22E-07	8.32E-11	2.42E-12	1.28E-04	2.37E-06	8.62E-05	4.26E-05	9.67E-08	3.05E-04	7.97E-03	0.00E+00	1.09E-11	1.43E-11	1.63E-06	4.92E-08	1.08E-03	0.00E+00	7.97E-03	2.16E-12	7.97E-03	9.05E-03	1.08E-03	0.00E+00	0.00E+00	0.00E+00	7.19E-05
WH11643305C	3.40E-06	1.43E-04	1.62E-06	1.19E-03	7.40E-14	0.00E+00	1.49E-02	1.51E-08	1.39E-06	9.74E-06	0.00E+00	1.13E-06	1.14E-10	3.31E-12	1.75E-04	3.25E-06	1.18E-04	5.83E-05	1.32E-07	4.18E-04	1.09E-02	0.00E+00	1.49E-11	1.96E-11	2.24E-06	6.74E-08	1.48E-03	0.00E+00	1.09E-02	2.96E-12	1.09E-02	1.24E-02	1.48E-03	0.00E+00	0.00E+00	0.00E+00	9.85E-05
WH11643306A	4.09E-04	2.04E-01	3.73E-02	1.46E-01	3.56E-13	0.00E+00	2.06E+00	1.98E-06	1.90E-04	1.20E-03	0.00E+00	3.93E-03	1.58E-08	4.62E-10	2.18E-02	3.88E-04	1.26E-02	7.94E-04	2.88E-04	5.93E-02	1.38E+00	0.00E+00	1.86E-09	2.42E-09	2.80E-04	7.28E-06	1.84E-01	0.00E+00	1.38E+00	3.80E-09	1.38E+00	1.56E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	1.11E-02
WH11645300A	2.37E-06	9.99E-05	1.13E-06	8.32E-04	5.20E-14	0.00E+00	1.04E-02	1.05E-08	9.66E-07	6.78E-06	0.00E+00	7.84E-07	7.94E-11	2.31E-12	1.22E-04	2.26E-06	8.23E-05	4.06E-05	9.23E-08	2.91E-04	7.60E-03	0.00E+00	1.04E-11	1.36E-11	1.56E-06	4.70E-08	1.03E-03	0.00E+00	7.60E-03	2.06E-12	7.60E-03	8.63E-03	1.03E-03	0.00E+00	0.00E+00	0.00E+00	6.86E-05
WH11645300B	2.71E-06	1.14E-04	1.29E-06	9.52E-04	5.90E-14	0.00E+00	1.19E-02	1.20E-08	1.11E-06	7.77E-06	0.00E+00	8.98E-07	9.09E-11	2.64E-12	1.40E-04	2.59E-06	9.42E-05	4.65E-05	1.06E-07	3.33E-04	8.70E-03	0.00E+00	1.19E-11	1.56E-11	1.78E-06	5.38E-08	1.18E-03	0.00E+00	8.70E-03	2.36E-12	8.70E-03	9.88E-03	1.18E-03	0.00E+00	0.00E+00	0.00E+00	7.86E-05
WH11645300C	3.40E-06	1.43E-04	1.62E-06	1.19E-03	7.40E-14	0.00E+00	1.49E-02	1.51E-08	1.39E-06	9.74E-06	0.00E+00	1.13E-06	1.14E-10	3.31E-12	1.75E-04	3.25E-06	1.18E-04	5.83E-05	1.32E-07	4.18E-04	1.09E-02	0.00E+00	1.49E-11	1.96E-11	2.24E-06	6.74E-08	1.48E-03	0.00E+00	1.09E-02	2.96E-12	1.09E-02	1.24E-02	1.48E-03	0.00E+00	0.00E+00	0.00E+00	9.85E-05
WH11645305A	2.37E-06	9.99E-05	1.13E-06	8.32E-04	5.20E-14	0.00E+00	1.04E-02	1.05E-08	9.66E-07	6.78E-06	0.00E+00	7.84E-07	7.94E-11	2.31E-12	1.22E-04	2.26E-06	8.23E-05	4.06E-05	9.23E-08	2.91E-04	7.60E-03	0.00E+00	1.04E-11	1.36E-11	1.56E-06	4.70E-08	1.03E-03	0.00E+00	7.60E-03	2.06E-12	7.60E-03	8.63E-03	1.03E-03	0.00E+00	0.00E+00	0.00E+00	6.86E-05
WH11645305B	2.71E-06	1.14E-04	1.29E-06	9.52E-04	5.90E-14	0.00E+00	1.19E-02	1.20E-08	1.11E-06	7.77E-06	0.00E+00	8.98E-07	9.09E-11	2.64E-12	1.40E-04	2.59E-06	9.42E-05	4.65E-05	1.06E-07	3.33E-04	8.70E-03	0.00E+00	1.19E-11	1.56E-11	1.78E-06	5.38E-08	1.18E-03	0.00E+00	8.70E-03	2.36E-12	8.70E-03	9.88E-03	1.18E-03	0.00E+00	0.00E+00	0.00E+00	7.86E-05
WH11645305C	3.40E-06	1.43E-04	1.62E-06	1.19E-03	7.40E-14	0.00E+00	1.49E-02	1.51E-08	1.39E-06	9.74E-06	0.00E+00	1.13E-06	1.14E-10	3.31E-12	1.75E-04	3.25E-06	1.18E-04	5.83E-05	1.32E-07	4.18E-04	1.09E-02	0.00E+00	1.49E-11	1.96E-11	2.24E-06	6.74E-08	1.48E-03	0.00E+00	1.09E-02	2.96E-12	1.09E-02	1.24E-02	1.48E-03	0.00E+00	0.00E+00	0.00E+00	9.85E-05
WH11645306A	1.51E-04	7.49E-02	1.37E-02	5.41E-02	1.08E-13	0.00E+00	7.61E-01	7.31E-07	7.02E-05	4.42E-04	0.00E+00	1.44E-03	5.82E-09	1.70E-10	8.06E-03	1.43E-04	4.67E-03	3.09E-04	1.05E-04	2.19E-02	5.08E-01	0.00E+00	6.86E-10	8.92E-10	1.03E-04	2.69E-06	6.79E-02	0.00E+00	5.08E-01	1.39E-09	5.08E-01	5.76E-01	6.79E-02	0.00E+00	0.00E+00	0.00E+00	4.08E-03
WH11645700B	2.79E-06	1.18E-04	1.33E-06	9.79E-04	6.10E-14	0.00E+00	1.22E-02	1.24E-08	1.14E-06	7.99E-06	0.00E+00	9.23E-07	9.34E-11	2.71E-12	1.44E-04	2.66E-06	9.69E-05	4.78E-05	1.09E-07	3.43E-04	8.95E-03	0.00E+00	1.22E-11	1.61E-11	1.83E-06	5.53E-08	1.21E-03	0.00E+00	8.95E-03	2.43E-12	8.95E-03	1.02E-02	1.21E-03	0.00E+00	0.00E+00	0.00E+00	8.08E-05
WH11645700C	3.48E-06	1.47E-04	1.66E-06	1.22E-03	7.60E-14	0.00E+00	1.52E-02	1.54E-08	1.42E-06	9.96E-06	0.00E+00	1.15E-06	1.16E-10	3.38E-12	1.79E-04	3.32E-06	1.21E-04	5.96E-05	1.35E-07	4.27E-04	1.12E-02	0.00E+00	1.52E-11	2.00E-11	2.29E-06	6.89E-08	1.51E-03	0.00E+00	1.12E-02	3.03E-12	1.12E-02	1.27E-02	1.51E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-04
WH11645705A	2.45E-06	1.03E-04	1.17E-06	8.58E-04	5.30E-14	0.00E+00	1.07E-02	1.08E-08	9.97E-07	7.00E-06	0.00E+00	8.10E-07	8.19E-11	2.38E-12	1.26E-04	2.34E-06	8.49E-05	4.19E-05	9.53E-08	3.01E-04	7.84E-03	0.00E+00	1.07E-11	1.41E-11	1.61E-06	4.85E-08	1.06E-03	0.00E+00	7.84E-03	2.13E-12	7.84E-03	8.91E-03	1.06E-03	0.00E+00	0.00E+00	0.00E+00	7.08E-05
WH11645705C	3.48E-06	1.47E-04	1.66E-06	1.22E-03	7.60E-14	0.00E+00	1.52E-02	1.54E-08	1.42E-06	9.96E-06	0.00E+00	1.15E-06	1.16E-10	3.38E-12	1.79E-04	3.32E-06	1.21E-04	5.96E-05	1.35E-07	4.27E-04	1.12E-02	0.00E+00	1.52E-11	2.00E-11	2.29E-06	6.89E-08	1.51E-03	0.00E+00	1.12E-02	3.03E-12	1.12E-02	1.27E-02	1.51E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-04
WH12580300P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH12580305P	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH12580306P	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH12585300P	3.86E-06	1.63E-04	1.84E-06	1.35E-03	8.40E-14	0.00E+00	1.69E-02	1.71E-08	1.57E-06	1.11E-05	0.00E+00	1.28E-06	1.29E-10	3.75E-12	1.99E-04	3.68E-06	1.34E-04	6.62E-05	1.50E-07	4.74E-04	1.24E-02	0.00E+00	1.69E-11	2.22E-11	2.54E-06	7.65E-08	1.68E-03	0.00E+00	1.24E-02	3.36E-12	1.24E-02	1.41E-02	1.68E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-04
WH12585306P	5.44E-04	2.71E-01	4.95E-02	1.95E-01	4.43E-13	0.00E+00	2.74E+00	2.63E-06	2.53E-04	1.59E-03	0.00E+00	5.21E-03	2.10E-08	6.14E-10	2.90E-02	5.16E-04	1.68E-02	1.08E-03	3.82E-04	7.89E-02	1.83E+00	0.00E+00	2.47E-09	3.21E-09	3.72E-04	9.68E-06	2.45E-01	0.00E+00	1.83E+00	5.04E-09	1.83E+00	2.07E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	1.47E-02
WH12620300P	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH12620305P	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH12620306P	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH12620700P	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH12620705P	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH12625300P	2.79E-04	1.36E-01	2.49E-02	9.99E-02	9.90E-14	0.00E+00	1.40E+00	1.35E-06	1.29E-04	8.17E-04	0.00E+00	2.62E-03	1.07E-08	3.14E-10	1.49E-02	2.65E-04	8.65E-03	6.39E-04	1.92E-04	4.03E-02	9.38E-01	0.00E+00	1.27E-09	1.65E-09	1.91E-04	4.98E-06	1.25E-01	0.00E+00	9.38E-01	2.54E-09	9.38E-01	1.06E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-03
WH12625306P	2.79E-04	1.36E-01	2.49E-02	9.99E-02	9.90E-14	0.00E+00	1.40E+00	1.35E-06	1.29E-04	8.17E-04	0.00E+00	2.62E-03	1.07E-08	3.14E-10	1.49E-02	2.65E-04	8.65E-03	6.39E-04	1.92E-04	4.03E-02	9.38E-01	0.00E+00	1.27E-09	1.65E-09	1.91E-04	4.98E-06	1.25E-01	0.00E+00	9.38E-01	2.54E-09	9.38E-01	1.06E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-03
WH12640300P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH12640305P	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH12640700P	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH12640705P	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH12645300P	2.79E-04	1.36E-01	2.49E-02	9.99E-02	9.90E-14	0.00E+00	1.40E+00	1.35E-06	1.29E-04	8.17E-04	0.00E+00	2.62E-03	1.07E-08	3.14E-10	1.49E-02	2.65E-04	8.65E-03	6.39E-04	1.92E-04	4.03E-02	9.38E-01	0.00E+00	1.27E-09	1.65E-09	1.91E-04	4.98E-06	1.25E-01	0.00E+00	9.38E-01	2.54E-09	9.38E-01	1.06E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-03
WH12645305P	2.79E-04	1.36E-01	2.49E-02	9.99E-02	9.90E-14	0.00E+00	1.40E+00	1.35E-06	1.29E-04	8.17E-04	0.00E+00	2.62E-03	1.07E-08	3.14E-10	1.49E-02	2.65E-04	8.65E-03	6.39E-04	1.92E-04	4.03E-02	9.38E-01	0.00E+00	1.27E-09	1.65E-09	1.91E-04	4.98E-06	1.25E-01	0.00E+00	9.38E-01	2.54E-09	9.38E-01	1.06E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-03
WH12645306P	2.79E-04	1.36E-01	2.49E-02	9.99E-02	9.90E-14	0.00E+00	1.40E+00	1.35E-06	1.29E-04	8.17E-04	0.00E+00	2.62E-03	1.07E-08	3.14E-10	1.49E-02	2.65E-04	8.65E-03	6.39E-04	1.92E-04	4.03E-02	9.38E-01	0.00E+00	1.27E-09	1.65E-09	1.91E-04	4.98E-06	1.25E-01	0.00E+00	9.38E-01	2.54E-09	9.38E-01	1.06E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-03
WH12645700P	2.79E-04	1.36E-01	2.49E-02	9.99E-02	9.90E-14	0.00E+00	1.40E+00	1.35E-06	1.29E-04	8.17E-04	0.00E+00	2.62E-03	1.07E-08	3.14E-10	1.49E-02	2.65E-04	8.65E-03	6.39E-04	1.92E-04	4.03E-02	9.38E-01	0.00E+00	1.27E-09	1.65E-09	1.91E-04	4.98E-06	1.25E-01	0.00E+00	9.38E-01	2.54E-09	9.38E-01	1.06E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-03
WH14583300Q	5.62E-06	2.37E-04	2.68E-06	1.97E-03	1.22E-13	0.00E+00	2.46E-02	2.49E-08	2.29E-06	1.61E-05	0.00E+00	1.86E-06	1.88E-10	5.46E-12	2.90E-04	5.36E-06	1.95E-04	9.63E-05	2.19E-07	6.90E-04	1.80E-02	0.00E+00	2.46E-11	3.23E-11	3.69E-06	1.11E-07	2.44E-03	0.00E+00	1.80E-02	4.89E-12	1.80E-02	2.05E-02	2.44E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-04
WH14585400Q	8.06E-06	3.40E-04	3.84E-06	2.83E-03	1.75E-13	0.00E+00	3.53E-02	3.57E-08	3.29E-06	2.31E-05	0.00E+00	2.67E-06	2.70E-10	7.84E-12	4.16E-04	7.70E-06	2.80E-04	1.38E-04	3.14E-07	9.91E-04	2.59E-02	0.00E+00	3.53E-11	4.64E-11	5.30E-06	1.60E-07	3.51E-03	0.00E+00	2.59E-02	7.02E-12	2.59E-02	2.94E-02	3.51E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
WH14588300Q	5.62E-06	2.37E-04	2.68E-06	1.97E-03	1.22E-13	0.00E+00	2.46E-02	2.49E-08	2.29E-06	1.61E-05	0.00E+00	1.86E-06	1.88E-10	5.46E-12	2.90E-04	5.36E-06	1.95E-04	9.63E-05	2.19E-07	6.90E-04	1.80E-02	0.00E+00	2.46E-11	3.23E-11	3.69E-06	1.11E-07	2.44E-03	0.00E+00	1.80E-02	4.89E-12	1.80E-02	2.05E-02	2.44E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-04
WH14592200Q	8.14E-06	3.43E-04	3.88E-06	2.86E-03	1.77E-13	0.00E+00	3.56E-02	3.60E-08	3.32E-06	2.33E-05	0.00E+00	2.69E-06	2.73E-10	7.92E-12	4.20E-04	7.77E-06	2.83E-04	1.40E-04	3.17E-07	1.00E-03	2.61E-02	0.00E+00	3.57E-11	4.68E-11	5.35E-06	1.61E-07	3.54E-03	0.00E+00	2.61E-02	7.09E-12	2.61E-02	2.96E-02	3.54E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
WH14592205Q	8.14E-06	3.43E-04	3.88E-06	2.86E-03	1.77E-13	0.00E+00	3.56E-02	3.60E-08	3.32E-06	2.33E-05	0.00E+00	2.69E-06	2.73E-10	7.92E-12	4.20E-04	7.77E-06	2.83E-04	1.40E-04	3.17E-07	1.00E-03	2.61E-02	0.00E+00	3.57E-11	4.68E-11	5.35E-06	1.61E-07	3.54E-03	0.00E+00	2.61E-02	7.09E-12	2.61E-02	2.96E-02	3.54E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
WH14595200Q	8.14E-06	3.43E-04	3.88E-06	2.86E-03	1.77E-13	0.00E+00	3.56E-02	3.60E-08	3.32E-06	2.33E-05	0.00E+00	2.69E-06	2.73E-10	7.92E-12	4.20E-04	7.77E-06	2.83E-04	1.40E-04	3.17E-07	1.00E-03	2.61E-02	0.00E+00	3.57E-11	4.68E-11	5.35E-06	1.61E-07	3.54E-03	0.00E+00	2.61E-02	7.09E-12	2.61E-02	2.96E-02	3.54E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
WH14595205Q	8.14E-06	3.43E-04	3.88E-06	2.86E-03	1.77E-13	0.00E+00	3.56E-02	3.60E-08	3.32E-06	2.33E-05	0.00E+00	2.69E-06	2.73E-10	7.92E-12	4.20E-04	7.77E-06	2.83E-04	1.40E-04	3.17E-07	1.00E-03	2.61E-02	0.00E+00	3.57E-11	4.68E-11	5.35E-06	1.61E-07	3.54E-03	0.00E+00	2.61E-02	7.09E-12	2.61E-02	2.96E-02	3.54E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
WH14622300Q	6.88E-06	2.90E-04	3.28E-06	2.41E-03	1.50E-13	0.00E+00	3.01E-02	3.05E-08	2.80E-06	1.97E-05	0.00E+00	2.28E-06	2.30E-10	6.69E-12	3.55E-04	6.57E-06	2.39E-04	1.18E-04	2.68E-07	8.45E-04	2.21E-02	0.00E+00	3.01E-11	3.96E-11	4.52E-06	1.36E-07	2.99E-03	0.00E+00	2.21E-02	5.99E-12	2.21E-02	2.51E-02	2.99E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-04
WH14622305Q	6.88E-06	2.90E-04	3.28E-06	2.41E-03	1.50E-13	0.00E+00	3.01E-02	3.05E-08	2.80E-06	1.97E-05	0.00E+00	2.28E-06	2.30E-10	6.69E-12	3.55E-04	6.57E-06	2.39E-04	1.18E-04	2.68E-07	8.45E-04	2.21E-02	0.00E+00	3.01E-11	3.96E-11	4.52E-06	1.36E-07	2.99E-03	0.00E+00	2.21E-02	5.99E-12	2.21E-02	2.51E-02	2.99E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-04
WH14622306Q	6.88E-06	2.90E-04	3.28E-06	2.41E-03	1.50E-13	0.00E+00	3.01E-02	3.05E-08	2.80E-06	1.97E-05	0.00E+00	2.28E-06	2.30E-10	6.69E-12	3.55E-04	6.57E-06	2.39E-04	1.18E-04	2.68E-07	8.45E-04	2.21E-02	0.00E+00	3.01E-11	3.96E-11	4.52E-06	1.36E-07	2.99E-03	0.00E+00	2.21E-02	5.99E-12	2.21E-02	2.51E-02	2.99E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-04
WH14622700Q	6.88E-06	2.90E-04	3.28E-06	2.41E-03	1.50E-13	0.00E+00	3.01E-02	3.05E-08	2.80E-06	1.97E-05	0.00E+00	2.28E-06	2.30E-10	6.69E-12	3.55E-04	6.57E-06	2.39E-04	1.18E-04	2.68E-07	8.45E-04	2.21E-02	0.00E+00	3.01E-11	3.96E-11	4.52E-06	1.36E-07	2.99E-03	0.00E+00	2.21E-02	5.99E-12	2.21E-02	2.51E-02	2.99E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-04
WH14623300Q	5.96E-06	2.51E-04	2.84E-06	2.09E-03	1.30E-13	0.00E+00	2.61E-02	2.64E-08	2.43E-06	1.71E-05	0.00E+00	1.97E-06	2.00E-10	5.80E-12	3.08E-04	5.69E-06	2.07E-04	1.02E-04	2.32E-07	7.33E-04	1.91E-02	0.00E+00	2.61E-11	3.43E-11	3.92E-06	1.18E-07	2.59E-03	0.00E+00	1.91E-02	5.19E-12	1.91E-02	2.17E-02	2.59E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04

WH14625300Q	6.88E-06	2.90E-04	3.28E-06	2.41E-03	1.50E-13	0.00E+00	3.01E-02	3.05E-08	2.80E-06	1.97E-05	0.00E+00	2.28E-06	2.30E-10	6.69E-12	3.55E-04	6.57E-06	2.39E-04	1.18E-04	2.68E-07	8.45E-04	2.21E-02	0.00E+00	3.01E-11	3.96E-11	4.52E-06	1.36E-07	2.99E-03	0.00E+00	2.21E-02	5.99E-12	2.21E-02	2.51E-02	2.99E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-04
WH14625305Q	6.88E-06	2.90E-04	3.28E-06	2.41E-03	1.50E-13	0.00E+00	3.01E-02	3.05E-08	2.80E-06	1.97E-05	0.00E+00	2.28E-06	2.30E-10	6.69E-12	3.55E-04	6.57E-06	2.39E-04	1.18E-04	2.68E-07	8.45E-04	2.21E-02	0.00E+00	3.01E-11	3.96E-11	4.52E-06	1.36E-07	2.99E-03	0.00E+00	2.21E-02	5.99E-12	2.21E-02	2.51E-02	2.99E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-04
WH14625700Q	5.88E-06	2.48E-04	2.81E-06	2.07E-03	1.28E-13	0.00E+00	2.58E-02	2.61E-08	2.40E-06	1.69E-05	0.00E+00	1.95E-06	1.97E-10	5.72E-12	3.04E-04	5.62E-06	2.04E-04	1.01E-04	2.29E-07	7.23E-04	1.89E-02	0.00E+00	2.58E-11	3.39E-11	3.87E-06	1.17E-07	2.56E-03	0.00E+00	1.89E-02	5.13E-12	1.89E-02	2.14E-02	2.56E-03	0.00E+00	0.00E+00	0.00E+00	1.70E-04
WH14642300Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH14642305Q	7.18E-06	3.03E-04	3.42E-06	2.52E-03	1.56E-13	0.00E+00	3.15E-02	3.18E-08	2.93E-06	2.06E-05	0.00E+00	2.38E-06	2.41E-10	6.99E-12	3.71E-04	6.86E-06	2.49E-04	1.23E-04	2.80E-07	8.83E-04	2.30E-02	0.00E+00	3.15E-11	4.13E-11	4.72E-06	1.42E-07	3.13E-03	0.00E+00	2.30E-02	6.26E-12	2.30E-02	2.62E-02	3.13E-03	0.00E+00	0.00E+00	0.00E+00	2.08E-04
WH14642306Q	7.18E-06	3.03E-04	3.42E-06	2.52E-03	1.56E-13	0.00E+00	3.15E-02	3.18E-08	2.93E-06	2.06E-05	0.00E+00	2.38E-06	2.41E-10	6.99E-12	3.71E-04	6.86E-06	2.49E-04	1.23E-04	2.80E-07	8.83E-04	2.30E-02	0.00E+00	3.15E-11	4.13E-11	4.72E-06	1.42E-07	3.13E-03	0.00E+00	2.30E-02	6.26E-12	2.30E-02	2.62E-02	3.13E-03	0.00E+00	0.00E+00	0.00E+00	2.08E-04
WH14642700Q	7.18E-06	3.03E-04	3.42E-06	2.52E-03	1.56E-13	0.00E+00	3.15E-02	3.18E-08	2.93E-06	2.06E-05	0.00E+00	2.38E-06	2.41E-10	6.99E-12	3.71E-04	6.86E-06	2.49E-04	1.23E-04	2.80E-07	8.83E-04	2.30E-02	0.00E+00	3.15E-11	4.13E-11	4.72E-06	1.42E-07	3.13E-03	0.00E+00	2.30E-02	6.26E-12	2.30E-02	2.62E-02	3.13E-03	0.00E+00	0.00E+00	0.00E+00	2.08E-04
WH14914500Q	1.68E-04	7.80E-02	1.42E-02	6.00E-02	1.34E-13	0.00E+00	8.39E-01	8.07E-07	7.73E-05	4.91E-04	0.00E+00	1.50E-03	6.41E-09	1.88E-10	8.94E-03	1.59E-04	5.23E-03	5.14E-04	1.10E-04	2.41E-02	5.63E-01	0.00E+00	7.60E-10	9.89E-10	1.14E-04	3.01E-06	7.53E-02	0.00E+00	5.63E-01	1.45E-09	5.63E-01	6.38E-01	7.53E-02	0.00E+00	0.00E+00	0.00E+00	4.56E-03
WH14916500Q	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH20580300A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20580300B	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH20580303A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20580303B	3.62E-05	1.73E-02	3.16E-03	1.30E-02	4.00E-15	0.00E+00	1.82E-01	1.75E-07	1.67E-05	1.06E-04	0.00E+00	3.33E-04	1.39E-09	4.06E-11	1.93E-03	3.44E-05	1.12E-03	9.39E-05	2.44E-05	5.21E-03	1.22E-01	0.00E+00	1.64E-10	2.13E-10	2.47E-05	6.47E-07	1.63E-02	0.00E+00	1.22E-01	3.23E-10	1.22E-01	1.38E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.81E-04
WH20580304A	2.90E-06	1.22E-04	1.38E-06	1.02E-03	6.30E-14	0.00E+00	1.27E-02	1.29E-08	1.18E-06	8.32E-06	0.00E+00	9.61E-07	9.73E-11	2.83E-12	1.50E-04	2.77E-06	1.01E-04	4.98E-05	1.13E-07	3.57E-04	9.32E-03	0.00E+00	1.27E-11	1.67E-11	1.91E-06	5.76E-08	1.26E-03	0.00E+00	9.32E-03	2.53E-12	9.32E-03	1.06E-02	1.26E-03	0.00E+00	0.00E+00	0.00E+00	8.41E-05
WH20580304B	3.62E-05	1.73E-02	3.16E-03	1.30E-02	4.00E-15	0.00E+00	1.82E-01	1.75E-07	1.67E-05	1.06E-04	0.00E+00	3.33E-04	1.39E-09	4.06E-11	1.93E-03	3.44E-05	1.12E-03	9.39E-05	2.44E-05	5.21E-03	1.22E-01	0.00E+00	1.64E-10	2.13E-10	2.47E-05	6.47E-07	1.63E-02	0.00E+00	1.22E-01	3.23E-10	1.22E-01	1.38E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.81E-04
WH20580305A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20580305B	3.62E-05	1.73E-02	3.16E-03	1.30E-02	4.00E-15	0.00E+00	1.82E-01	1.75E-07	1.67E-05	1.06E-04	0.00E+00	3.33E-04	1.39E-09	4.06E-11	1.93E-03	3.44E-05	1.12E-03	9.39E-05	2.44E-05	5.21E-03	1.22E-01	0.00E+00	1.64E-10	2.13E-10	2.47E-05	6.47E-07	1.63E-02	0.00E+00	1.22E-01	3.23E-10	1.22E-01	1.38E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.81E-04
WH20580306A	1.07E-05	4.19E-03	7.45E-04	3.83E-03	4.90E-14	0.00E+00	5.25E-02	5.09E-08	4.85E-06	3.13E-05	0.00E+00	7.95E-05	4.01E-10	1.17E-11	5.69E-04	1.02E-05	3.42E-04	5.98E-05	5.85E-06	1.50E-03	3.57E-02	0.00E+00	4.84E-11	6.30E-11	7.27E-06	1.96E-07	4.79E-03	0.00E+00	3.57E-02	7.81E-11	3.57E-02	4.05E-02	4.79E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
WH20580306B	3.62E-05	1.73E-02	3.16E-03	1.30E-02	4.00E-15	0.00E+00	1.82E-01	1.75E-07	1.67E-05	1.06E-04	0.00E+00	3.33E-04	1.39E-09	4.06E-11	1.93E-03	3.44E-05	1.12E-03	9.39E-05	2.44E-05	5.21E-03	1.22E-01	0.00E+00	1.64E-10	2.13E-10	2.47E-05	6.47E-07	1.63E-02	0.00E+00	1.22E-01	3.23E-10	1.22E-01	1.38E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.81E-04
WH20580307A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20580307B	3.62E-05	1.73E-02	3.16E-03	1.30E-02	4.00E-15	0.00E+00	1.82E-01	1.75E-07	1.67E-05	1.06E-04	0.00E+00	3.33E-04	1.39E-09	4.06E-11	1.93E-03	3.44E-05	1.12E-03	9.39E-05	2.44E-05	5.21E-03	1.22E-01	0.00E+00	1.64E-10	2.13E-10	2.47E-05	6.47E-07	1.63E-02	0.00E+00	1.22E-01	3.23E-10	1.22E-01	1.38E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.81E-04
WH20580309A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20583300B	1.95E-06	8.22E-05	9.29E-07	6.84E-04	4.20E-14	0.00E+00	8.54E-03	8.63E-09	7.94E-07	5.58E-06	0.00E+00	6.45E-07	6.53E-11	1.90E-12	1.01E-04	1.86E-06	6.77E-05	3.34E-05	7.59E-08	2.39E-04	6.25E-03	0.00E+00	8.54E-12	1.12E-11	1.28E-06	3.86E-08	8.48E-04	0.00E+00	6.25E-03	1.70E-12	6.25E-03	7.10E-03	8.48E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05
WH20583303B	1.95E-06	8.22E-05	9.29E-07	6.84E-04	4.20E-14	0.00E+00	8.54E-03	8.63E-09	7.94E-07	5.58E-06	0.00E+00	6.45E-07	6.53E-11	1.90E-12	1.01E-04	1.86E-06	6.77E-05	3.34E-05	7.59E-08	2.39E-04	6.25E-03	0.00E+00	8.54E-12	1.12E-11	1.28E-06	3.86E-08	8.48E-04	0.00E+00	6.25E-03	1.70E-12	6.25E-03	7.10E-03	8.48E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05
WH20583306A	1.89E-04	9.39E-02	1.72E-02	6.75E-02	1.57E-13	0.00E+00	9.51E-01	9.12E-07	8.76E-05	5.52E-04	0.00E+00	1.81E-03	7.27E-09	2.13E-10	1.01E-02	1.79E-04	5.82E-03	3.71E-04	1.32E-04	2.73E-02	6.34E-01	0.00E+00	8.56E-10	1.11E-09	1.29E-04	3.36E-06	8.48E-02	0.00E+00	6.34E-01	1.75E-09	6.34E-01	7.19E-01	8.48E-02	0.00E+00	0.00E+00	0.00E+00	5.09E-03
WH20583306B	1.65E-04	8.16E-02	1.49E-02	5.89E-02	1.26E-13	0.00E+00	8.29E-01	7.96E-07	7.64E-05	4.82E-04	0.00E+00	1.57E-03	6.34E-09	1.85E-10	8.77E-03	1.56E-04	5.08E-03	3.31E-04	1.15E-04	2.38E-02	5.53E-01	0.00E+00	7.47E-10	9.71E-10	1.12E-04	2.93E-06	7.39E-02	0.00E+00	5.53E-01	1.52E-09	5.53E-01	6.27E-01	7.39E-02	0.00E+00	0.00E+00	0.00E+00	4.44E-03
WH20585300A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20585300B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH20585303A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20585303B	3.40E-05	1.63E-02	2.96E-03	1.22E-02	6.00E-15	0.00E+00	1.71E-01	1.64E-07	1.57E-05	9.96E-05	0.00E+00	3.12E-04	1.30E-09	3.82E-11	1.81E-03	3.23E-05	1.06E-03	8.99E-05	2.29E-05	4.90E-03	1.14E-01	0.00E+00	1.54E-10	2.01E-10	2.32E-05	6.09E-07	1.53E-02	0.00E+00	1.14E-01	3.02E-10	1.14E-01	1.29E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	9.22E-04
WH20585304A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20585305A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20585305B	3.40E-05	1.63E-02	2.96E-03	1.22E-02	6.00E-15	0.00E+00	1.71E-01	1.64E-07	1.57E-05	9.96E-05	0.00E+00	3.12E-04	1.30E-09	3.82E-11	1.81E-03	3.23E-05	1.06E-03	8.99E-05	2.29E-05	4.90E-03	1.14E-01	0.00E+00	1.54E-10	2.01E-10	2.32E-05	6.09E-07	1.53E-02	0.00E+00	1.14E-01	3.02E-10	1.14E-01	1.29E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	9.22E-04
WH20585306A	1.36E-05	5.55E-03	9.94E-04	4.84E-03	4.80E-14	0.00E+00	6.67E-02	6.46E-08	6.16E-06	3.96E-05	0.00E+00	1.06E-04	5.10E-10	1.49E-11	7.20E-04	1.29E-05	4.30E-04	6.68E-05	7.77E-06	1.91E-03	4.52E-02	0.00E+00	6.12E-11	7.97E-11	9.20E-06	2.47E-07	6.06E-03	0.00E+00	4.52E-02	1.04E-10	4.52E-02	5.13E-02	6.06E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04
WH20585306B	3.40E-05	1.63E-02	2.96E-03	1.22E-02	6.00E-15	0.00E+00	1.71E-01	1.64E-07	1.57E-05	9.96E-05	0.00E+00	3.12E-04	1.30E-09	3.82E-11	1.81E-03	3.23E-05	1.06E-03	8.99E-05	2.29E-05	4.90E-03	1.14E-01	0.00E+00	1.54E-10	2.01E-10	2.32E-05	6.09E-07	1.53E-02	0.00E+00	1.14E-01	3.02E-10	1.14E-01	1.29E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	9.22E-04
WH20585307A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20585307B	3.40E-05	1.63E-02	2.96E-03	1.22E-02	6.00E-15	0.00E+00	1.71E-01	1.64E-07	1.57E-05	9.96E-05	0.00E+00	3.12E-04	1.30E-09	3.82E-11	1.81E-03	3.23E-05	1.06E-03	8.99E-05	2.29E-05	4.90E-03	1.14E-01	0.00E+00	1.54E-10	2.01E-10	2.32E-05	6.09E-07	1.53E-02	0.00E+00	1.14E-01	3.02E-10	1.14E-01	1.29E-01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	9.22E-04
WH20585309A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20585400A	2.39E-05	1.06E-02	1.91E-03	8.53E-03	4.40E-14	0.00E+00	1.19E-01	1.14E-07	1.09E-05	6.98E-05	0.00E+00	2.03E-04	9.07E-10	2.65E-11	1.27E-03	2.27E-05	7.49E-04	9.02E-05	1.49E-05	3.40E-03	7.99E-02	0.00E+00	1.08E-10	1.41E-10	1.62E-05	4.31E-07	1.07E-02	0.00E+00	7.99E-02	1.97E-10	7.99E-02	9.06E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.51E-04
WH20585400B	3.82E-06	1.61E-04	1.82E-06	1.34E-03	8.30E-14	0.00E+00	1.67E-02	1.69E-08	1.56E-06	1.09E-05	0.00E+00	1.27E-06	1.28E-10	3.72E-12	1.97E-04	3.65E-06	1.33E-04	6.55E-05	1.49E-07	4.70E-04	1.23E-02	0.00E+00	1.67E-11	2.20E-11	2.51E-06	7.58E-08	1.66E-03	0.00E+00	1.23E-02	3.33E-12	1.23E-02	1.39E-02	1.66E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-04
WH20585403A	2.39E-05	1.06E-02	1.91E-03	8.53E-03	4.40E-14	0.00E+00	1.19E-01	1.14E-07	1.09E-05	6.98E-05	0.00E+00	2.03E-04	9.07E-10	2.65E-11	1.27E-03	2.27E-05	7.49E-04	9.02E-05	1.49E-05	3.40E-03	7.99E-02	0.00E+00	1.08E-10	1.41E-10	1.62E-05	4.31E-07	1.07E-02	0.00E+00	7.99E-02	1.97E-10	7.99E-02	9.06E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.51E-04
WH20585404A	2.39E-05	1.06E-02	1.91E-03	8.53E-03	4.40E-14	0.00E+00	1.19E-01	1.14E-07	1.09E-05	6.98E-05	0.00E+00	2.03E-04	9.07E-10	2.65E-11	1.27E-03	2.27E-05	7.49E-04	9.02E-05	1.49E-05	3.40E-03	7.99E-02	0.00E+00	1.08E-10	1.41E-10	1.62E-05	4.31E-07	1.07E-02	0.00E+00	7.99E-02	1.97E-10	7.99E-02	9.06E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.51E-04
WH20585404B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20585405A	2.39E-05	1.06E-02	1.91E-03	8.53E-03	4.40E-14	0.00E+00	1.19E-01	1.14E-07	1.09E-05	6.98E-05	0.00E+00	2.03E-04	9.07E-10	2.65E-11	1.27E-03	2.27E-05	7.49E-04	9.02E-05	1.49E-05	3.40E-03	7.99E-02	0.00E+00	1.08E-10	1.41E-10	1.62E-05	4.31E-07	1.07E-02	0.00E+00	7.99E-02	1.97E-10	7.99E-02	9.06E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.51E-04
WH20585405B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20588300B	1.95E-06	8.22E-05	9.29E-07	6.84E-04	4.20E-14	0.00E+00	8.54E-03	8.63E-09	7.94E-07	5.58E-06	0.00E+00	6.45E-07	6.53E-11	1.90E-12	1.01E-04	1.86E-06	6.77E-05	3.34E-05	7.59E-08	2.39E-04	6.25E-03	0.00E+00	8.54E-12	1.12E-11	1.28E-06	3.86E-08	8.48E-04	0.00E+00	6.25E-03	1.70E-12	6.25E-03	7.10E-03	8.48E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05
WH20588303B	1.95E-06	8.22E-05	9.29E-07	6.84E-04	4.20E-14	0.00E+00	8.54E-03	8.63E-09	7.94E-07	5.58E-06	0.00E+00	6.45E-07	6.53E-11	1.90E-12	1.01E-04	1.86E-06	6.77E-05	3.34E-05	7.59E-08	2.39E-04	6.25E-03	0.00E+00	8.54E-12	1.12E-11	1.28E-06	3.86E-08	8.48E-04	0.00E+00	6.25E-03	1.70E-12	6.25E-03	7.10E-03	8.48E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05
WH20588305B	1.95E-06	8.22E-05	9.29E-07	6.84E-04	4.20E-14	0.00E+00	8.54E-03	8.63E-09	7.94E-07	5.58E-06	0.00E+00	6.45E-07	6.53E-11	1.90E-12	1.01E-04	1.86E-06	6.77E-05	3.34E-05	7.59E-08	2.39E-04	6.25E-03	0.00E+00	8.54E-12	1.12E-11	1.28E-06	3.86E-08	8.48E-04	0.00E+00	6.25E-03	1.70E-12	6.25E-03	7.10E-03	8.48E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05
WH20588306B	1.67E-04	8.30E-02	1.52E-02	5.98E-02	1.29E-13	0.00E+00	8.43E-01	8.09E-07	7.77E-05	4.89E-04	0.00E+00	1.60E-03	6.44E-09	1.88E-10	8.92E-03	1.59E-04	5.16E-03	3.35E-04	1.17E-04	2.42E-02	5.62E-01	0.00E+00	7.59E-10	9.86E-10	1.14E-04	2.97E-06	7.51E-02	0.00E+00	5.62E-01	1.54E-09	5.62E-01	6.37E-01	7.51E-02	0.00E+00	0.00E+00	0.00E+00	4.51E-03
WH20592200A	2.22E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20592200B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20592203A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20592204A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20592204B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20592205A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20592207A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20592209A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20592209B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20593200A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20593203A	3.40E-04	1.69E-01	3.08E-02	1.22E-01	2.65E-13	0.00E+00	1.71E+00	1.64E-06	1.58E-04	9.94E-04	0.00E+00	3.25E-03	1.31E-08	3.83E-10	1.81E-02	3.22E-04	1.05E-02	6.79E-04	2.38E-04	4.92E-02	1.14E+00	0.00E+00	1.54E-09	2.00E-09	2.32E-04	6.04E-06	1.53E-01	0.00E+00	1.14E+00	3.14E-09	1.14E+00	1.29E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	9.17E-03
WH20593204A	3.40E-04	1.69E-01	3.08E-02	1.22E-01	2.65E-13	0.00E+00	1.71E+00	1.64E-06	1.58E-04	9.94E-04	0.00E+00	3.25E-03	1.31E-08	3.83E-10	1.81E-02	3.22E-04	1.05E-02	6.79E-04	2.38E-04	4.92E-02	1.14E+00	0.00E+00	1.54E-09	2.00E-09	2.32E-04	6.04E-06	1.53E-01	0.00E+00	1.14E+00	3.14E-09	1.14E+00	1.29E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	9.17E-03
WH20593205A	3.40E-04	1.69E-01	3.08E-02	1.22E-01	2.65E-13	0.00E+00	1.71E+00	1.64E-06	1.58E-04	9.94E-04	0.00E+00	3.25E-03	1.31E-08	3.83E-10	1.81E-02	3.22E-04	1.05E-02	6.79E-04	2.38E-04	4.92E-02	1.14E+00	0.00E+00	1.54E-09	2.00E-09	2.32E-04	6.04E-06	1.53E-01	0.00E+00	1.14E+00	3.14E-09	1.14E+00	1.29E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	9.17E-03
WH20593205B	3.16E-04	1.56E-01	2.86E-02	1.13E-01	2.34E-13	0.00E+00	1.59E+00	1.53E-06	1.47E-04	9.24E-04	0.00E+00	3.01E-03	1.22E-08	3.56E-10	1.68E-02	2.99E-04	9.75E-03	6.39E-04	2.21E-04	4.57E-02	1.06E+00	0.00E+00	1.43E-09	1.86E-09	2.15E-04	5.62E-06	1.42E-01	0.00E+00	1.06E+00	2.91E-09	1.06E+00	1.20E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	8.52E-03
WH20593207B	3.16E-04	1.56E-01	2.86E-02	1.13E-01	2.34E-13	0.00E+00	1.59E+00	1.53E-06	1.47E-04	9.24E-04	0.00E+00	3.01E-03	1.22E-08	3.56E-10	1.68E-02	2.99E-04	9.75E-03	6.39E-04	2.21E-04	4.57E-02	1.06E+00	0.00E+00	1.43E-09	1.86E-09	2.15E-04	5.62E-06	1.42E-01	0.00E+00	1.06E+00	2.91E-09	1.06E+00	1.20E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	8.52E-03
WH20593209B	3.16E-04	1.56E-01	2.86E-02	1.13E-01	2.34E-13	0.00E+00	1.59E+00	1.53E-06	1.47E-04	9.24E-04	0.00E+00	3.01E-03	1.22E-08	3.56E-10	1.68E-02	2.99E-04	9.75E-03	6.39E-04	2.21E-04	4.57E-02	1.06E+00	0.00E+00	1.43E-09	1.86E-09	2.15E-04	5.62E-06	1.42E-01	0.00E+00	1.06E+00	2.91E-09	1.06E+00	1.20E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	8.52E-03
WH20595200A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20595200B	3.82E-06	1.61E-04	1.82E-06	1.34E-03	8.30E-14	0.00E+00	1.67E-02	1.69E-08	1.56E-06	1.09E-05	0.00E+00	1.27E-06	1.28E-10	3.72E-12	1.97E-04	3.65E-06	1.33E-04	6.55E-05	1.49E-07	4.70E-04	1.23E-02	0.00E+00	1.67E-11	2.20E-11	2.51E-06	7.58E-08	1.66E-03	0.00E+00	1.23E-02	3.33E-12	1.23E-02	1.39E-02	1.66E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-04
WH20595203A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20595203B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20595204A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20595205A	3.36E-06	1.42E-04	1.60E-06	1.18E-03	7.30E-14	0.00E+00	1.47E-02	1.49E-08	1.37E-06	9.63E-06	0.00E+00	1.11E-06	1.13E-10	3.27E-12	1.74E-04	3.21E-06	1.17E-04	5.76E-05	1.31E-07	4.13E-04	1.08E-02	0.00E+00	1.47E-11	1.93E-11	2.21E-06	6.67E-08	1.46E-03	0.00E+00	1.08E-02	2.93E-12	1.08E-02	1.22E-02	1.46E-03	0.00E+00	0.00E+00	0.00E+00	9.74E-05
WH20595206A	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH20595206B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20595207A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20595209A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20596200A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20596204A	3.40E-04	1.69E-01	3.08E-02	1.22E-01	2.65E-13	0.00E+00	1.71E+00	1.64E-06	1.58E-04	9.94E-04	0.00E+00	3.25E-03	1.31E-08	3.83E-10	1.81E-02	3.22E-04	1.05E-02	6.79E-04	2.38E-04	4.92E-02	1.14E+00	0.00E+00	1.54E-09	2.00E-09	2.32E-04	6.04E-06	1.53E-01	0.00E+00	1.14E+00	3.14E-09	1.14E+00	1.29E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	9.17E-03
WH20596205A	3.40E-04	1.69E-01	3.08E-02	1.22E-01	2.65E-13	0.00E+00	1.71E+00	1.64E-06	1.58E-04	9.94E-04	0.00E+00	3.25E-03	1.31E-08	3.83E-10	1.81E-02	3.22E-04	1.05E-02	6.79E-04	2.38E-04	4.92E-02	1.14E+00	0.00E+00	1.54E-09	2.00E-09	2.32E-04	6.04E-06	1.53E-01	0.00E+00	1.14E+00	3.14E-09	1.14E+00	1.29E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	9.17E-03
WH20596205B	3.16E-04	1.56E-01	2.86E-02	1.13E-01	2.34E-13	0.00E+00	1.59E+00	1.53E-06	1.47E-04	9.24E-04	0.00E+00	3.01E-03	1.22E-08	3.56E-10	1.68E-02	2.99E-04	9.75E-03	6.39E-04	2.21E-04	4.57E-02	1.06E+00	0.00E+00	1.43E-09	1.86E-09	2.15E-04	5.62E-06	1.42E-01	0.00E+00	1.06E+00	2.91E-09	1.06E+00	1.20E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	8.52E-03
WH20596206A	3.40E-04	1.69E-01	3.08E-02	1.22E-01	2.65E-13	0.00E+00	1.71E+00	1.64E-06	1.58E-04	9.94E-04	0.00E+00	3.25E-03	1.31E-08	3.83E-10	1.81E-02	3.22E-04	1.05E-02	6.79E-04	2.38E-04	4.92E-02	1.14E+00	0.00E+00	1.54E-09	2.00E-09	2.32E-04	6.04E-06	1.53E-01	0.00E+00	1.14E+00	3.14E-09	1.14E+00	1.29E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	9.17E-03
WH20596207A	3.40E-04	1.69E-01	3.08E-02	1.22E-01	2.65E-13	0.00E+00	1.71E+00	1.64E-06	1.58E-04	9.94E-04	0.00E+00	3.25E-03	1.31E-08	3.83E-10	1.81E-02	3.22E-04	1.05E-02	6.79E-04	2.38E-04	4.92E-02	1.14E+00	0.00E+00	1.54E-09	2.00E-09	2.32E-04	6.04E-06	1.53E-01	0.00E+00	1.14E+00	3.14E-09	1.14E+00	1.29E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	9.17E-03
WH20600700A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH20620100A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620107A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620300A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04

WH20620300B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620303A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620303B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620304A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620304B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620305A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH20620305B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620306A	1.36E-05	5.55E-03	9.94E-04	4.84E-03	4.80E-14	0.00E+00	6.67E-02	6.46E-08	6.16E-06	3.96E-05	0.00E+00	1.06E-04	5.10E-10	1.49E-11	7.20E-04	1.29E-05	4.30E-04	6.68E-05	7.77E-06	1.91E-03	4.52E-02	0.00E+00	6.12E-11	7.97E-11	9.20E-06	2.47E-07	6.06E-03	0.00E+00	4.52E-02	1.04E-10	4.52E-02	5.13E-02	6.06E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04
WH20620306B	1.36E-05	5.55E-03	9.94E-04	4.84E-03	4.80E-14	0.00E+00	6.67E-02	6.46E-08	6.16E-06	3.96E-05	0.00E+00	1.06E-04	5.10E-10	1.49E-11	7.20E-04	1.29E-05	4.30E-04	6.68E-05	7.77E-06	1.91E-03	4.52E-02	0.00E+00	6.12E-11	7.97E-11	9.20E-06	2.47E-07	6.06E-03	0.00E+00	4.52E-02	1.04E-10	4.52E-02	5.13E-02	6.06E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04
WH20620307A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620309A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620309B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620700A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20620700B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH20620703A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620704A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620705A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620705B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620707A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20620709A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20623305B	2.52E-06	1.06E-04	1.20E-06	8.85E-04	5.50E-14	0.00E+00	1.10E-02	1.12E-08	1.03E-06	7.22E-06	0.00E+00	8.35E-07	8.45E-11	2.45E-12	1.30E-04	2.41E-06	8.76E-05	4.32E-05	9.82E-08	3.10E-04	8.09E-03	0.00E+00	1.10E-11	1.45E-11	1.66E-06	5.00E-08	1.10E-03	0.00E+00	8.09E-03	2.20E-12	8.09E-03	9.19E-03	1.10E-03	0.00E+00	0.00E+00	0.00E+00	7.31E-05
WH20623306B	1.46E-04	7.21E-02	1.32E-02	5.22E-02	1.01E-13	0.00E+00	7.34E-01	7.05E-07	6.77E-05	4.27E-04	0.00E+00	1.39E-03	5.61E-09	1.64E-10	7.77E-03	1.38E-04	4.50E-03	3.00E-04	1.02E-04	2.11E-02	4.90E-01	0.00E+00	6.62E-10	8.60E-10	9.95E-05	2.59E-06	6.55E-02	0.00E+00	4.90E-01	1.34E-09	4.90E-01	5.55E-01	6.55E-02	0.00E+00	0.00E+00	0.00E+00	3.94E-03
WH20625300A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20625300B	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH20625303A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20625303B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20625304A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20625305A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20625305B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20625306A	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH20625306B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20625307A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20625309A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20625700A	2.14E-06	9.02E-05	1.02E-06	7.51E-04	4.70E-14	0.00E+00	9.37E-03	9.47E-09	8.72E-07	6.13E-06	0.00E+00	7.08E-07	7.17E-11	2.08E-12	1.10E-04	2.04E-06	7.43E-05	3.67E-05	8.33E-08	2.63E-04	6.86E-03	0.00E+00	9.37E-12	1.23E-11	1.41E-06	4.24E-08	9.31E-04	0.00E+00	6.86E-03	1.86E-12	6.86E-03	7.79E-03	9.31E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-05
WH20625700B	2.48E-06	1.05E-04	1.18E-06	8.72E-04	5.40E-14	0.00E+00	1.09E-02	1.10E-08	1.01E-06	7.11E-06	0.00E+00	8.22E-07	8.32E-11	2.42E-12	1.28E-04	2.37E-06	8.62E-05	4.26E-05	9.67E-08	3.05E-04	7.97E-03	0.00E+00	1.09E-11	1.43E-11	1.63E-06	4.92E-08	1.08E-03	0.00E+00	7.97E-03	2.16E-12	7.97E-03	9.05E-03	1.08E-03	0.00E+00	0.00E+00	0.00E+00	7.19E-05
WH20625704A	2.14E-06	9.02E-05	1.02E-06	7.51E-04	4.70E-14	0.00E+00	9.37E-03	9.47E-09	8.72E-07	6.13E-06	0.00E+00	7.08E-07	7.17E-11	2.08E-12	1.10E-04	2.04E-06	7.43E-05	3.67E-05	8.33E-08	2.63E-04	6.86E-03	0.00E+00	9.37E-12	1.23E-11	1.41E-06	4.24E-08	9.31E-04	0.00E+00	6.86E-03	1.86E-12	6.86E-03	7.79E-03	9.31E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-05
WH20625705A	2.14E-06	9.02E-05	1.02E-06	7.51E-04	4.70E-14	0.00E+00	9.37E-03	9.47E-09	8.72E-07	6.13E-06	0.00E+00	7.08E-07	7.17E-11	2.08E-12	1.10E-04	2.04E-06	7.43E-05	3.67E-05	8.33E-08	2.63E-04	6.86E-03	0.00E+00	9.37E-12	1.23E-11	1.41E-06	4.24E-08	9.31E-04	0.00E+00	6.86E-03	1.86E-12	6.86E-03	7.79E-03	9.31E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-05
WH20625705B	2.48E-06	1.05E-04	1.18E-06	8.72E-04	5.40E-14	0.00E+00	1.09E-02	1.10E-08	1.01E-06	7.11E-06	0.00E+00	8.22E-07	8.32E-11	2.42E-12	1.28E-04	2.37E-06	8.62E-05	4.26E-05	9.67E-08	3.05E-04	7.97E-03	0.00E+00	1.09E-11	1.43E-11	1.63E-06	4.92E-08	1.08E-03	0.00E+00	7.97E-03	2.16E-12	7.97E-03	9.05E-03	1.08E-03	0.00E+00	0.00E+00	0.00E+00	7.19E-05
WH20625709B	2.48E-06	1.05E-04	1.18E-06	8.72E-04	5.40E-14	0.00E+00	1.09E-02	1.10E-08	1.01E-06	7.11E-06	0.00E+00	8.22E-07	8.32E-11	2.42E-12	1.28E-04	2.37E-06	8.62E-05	4.26E-05	9.67E-08	3.05E-04	7.97E-03	0.00E+00	1.09E-11	1.43E-11	1.63E-06	4.92E-08	1.08E-03	0.00E+00	7.97E-03	2.16E-12	7.97E-03	9.05E-03	1.08E-03	0.00E+00	0.00E+00	0.00E+00	7.19E-05
WH20640100A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH20640107A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20640300A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20640300B	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH20640303A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20640303B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20640304A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH20640304B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20640305A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20640305B	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH20640306A	1.36E-05	5.55E-03	9.94E-04	4.84E-03	4.80E-14	0.00E+00	6.67E-02	6.46E-08	6.16E-06	3.96E-05	0.00E+00	1.06E-04	5.10E-10	1.49E-11	7.20E-04	1.29E-05	4.30E-04	6.68E-05	7.77E-06	1.91E-03	4.52E-02	0.00E+00	6.12E-11	7.97E-11	9.20E-06	2.47E-07	6.06E-03	0.00E+00	4.52E-02	1.04E-10	4.52E-02	5.13E-02	6.06E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04
WH20640306B	1.36E-05	5.55E-03	9.94E-04	4.84E-03	4.80E-14	0.00E+00	6.67E-02	6.46E-08	6.16E-06	3.96E-05	0.00E+00	1.06E-04	5.10E-10	1.49E-11	7.20E-04	1.29E-05	4.30E-04	6.68E-05	7.77E-06	1.91E-03	4.52E-02	0.00E+00	6.12E-11	7.97E-11	9.20E-06	2.47E-07	6.06E-03	0.00E+00	4.52E-02	1.04E-10	4.52E-02	5.13E-02	6.06E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04
WH20640307A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20640307B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20640309A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20640309B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20640700A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20640700B	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH20640703A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20640703B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20640704A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20640704B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20640705A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20640705B	3.82E-06	1.61E-04	1.82E-06	1.34E-03	8.30E-14	0.00E+00	1.67E-02	1.69E-08	1.56E-06	1.09E-05	0.00E+00	1.27E-06	1.28E-10	3.72E-12	1.97E-04	3.65E-06	1.33E-04	6.55E-05	1.49E-07	4.70E-04	1.23E-02	0.00E+00	1.67E-11	2.20E-11	2.51E-06	7.58E-08	1.66E-03	0.00E+00	1.23E-02	3.33E-12	1.23E-02	1.39E-02	1.66E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-04
WH20640707A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20640707B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20640709A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20640709B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20643300B	3.02E-06	1.27E-04	1.44E-06	1.06E-03	6.60E-14	0.00E+00	1.32E-02	1.34E-08	1.23E-06	8.65E-06	0.00E+00	9.99E-07	1.01E-10	2.94E-12	1.56E-04	2.88E-06	1.05E-04	5.17E-05	1.18E-07	3.71E-04	9.68E-03	0.00E+00	1.32E-11	1.74E-11	1.98E-06	5.99E-08	1.31E-03	0.00E+00	9.68E-03	2.63E-12	9.68E-03	1.10E-02	1.31E-03	0.00E+00	0.00E+00	0.00E+00	8.74E-05
WH20643303B	3.02E-06	1.27E-04	1.44E-06	1.06E-03	6.60E-14	0.00E+00	1.32E-02	1.34E-08	1.23E-06	8.65E-06	0.00E+00	9.99E-07	1.01E-10	2.94E-12	1.56E-04	2.88E-06	1.05E-04	5.17E-05	1.18E-07	3.71E-04	9.68E-03	0.00E+00	1.32E-11	1.74E-11	1.98E-06	5.99E-08	1.31E-03	0.00E+00	9.68E-03	2.63E-12	9.68E-03	1.10E-02	1.31E-03	0.00E+00	0.00E+00	0.00E+00	8.74E-05
WH20643305B	3.02E-06	1.27E-04	1.44E-06	1.06E-03	6.60E-14	0.00E+00	1.32E-02	1.34E-08	1.23E-06	8.65E-06	0.00E+00	9.99E-07	1.01E-10	2.94E-12	1.56E-04	2.88E-06	1.05E-04	5.17E-05	1.18E-07	3.71E-04	9.68E-03	0.00E+00	1.32E-11	1.74E-11	1.98E-06	5.99E-08	1.31E-03	0.00E+00	9.68E-03	2.63E-12	9.68E-03	1.10E-02	1.31E-03	0.00E+00	0.00E+00	0.00E+00	8.74E-05
WH20645300A	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.78E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	6.99E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	6.99E-02	1.72E-10	6.99E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
WH20645300B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH20645303A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH20645303B	2.90E-06	1.22E-04	1.38E-06	1.02E-03	6.30E-14	0.00E+00	1.27E-02	1.29E-08	1.18E-06	8.32E-06	0.00E+00	9.61E-07	9.73E-11	2.83E-12	1.50E-04	2.77E-06	1.01E-04	4.98E-05	1.13E-07	3.57E-04	9.32E-03	0.00E+00	1.27E-11	1.67E-11	1.91E-06	5.76E-08	1.26E-03	0.00E+00	9.32E-03	2.53E-12	9.32E-03	1.06E-02	1.26E-03	0.00E+00	0.00E+00	0.00E+00	8.41E-05
WH20645304A	2.52E-06	1.06E-04	1.20E-06	8.85E-04	5.50E-14	0.00E+00	1.10E-02	1.12E-08	1.03E-06	7.22E-06	0.00E+00	8.35E-07	8.45E-11	2.45E-12	1.30E-04	2.41E-06	8.76E-05	4.32E-05	9.82E-08	3.10E-04	8.09E-03	0.00E+00	1.10E-11	1.45E-11	1.66E-06	5.00E-08	1.10E-03	0.00E+00	8.09E-03	2.20E-12	8.09E-03	9.19E-03	1.10E-03	0.00E+00	0.00E+00	0.00E+00	7.31E-05
WH20645304B	2.90E-06	1.22E-04	1.38E-06	1.02E-03	6.30E-14	0.00E+00	1.27E-02	1.29E-08	1.18E-06	8.32E-06	0.00E+00	9.61E-07	9.73E-11	2.83E-12	1.50E-04	2.77E-06	1.01E-04	4.98E-05	1.13E-07	3.57E-04	9.32E-03	0.00E+00	1.27E-11	1.67E-11	1.91E-06	5.76E-08	1.26E-03	0.00E+00	9.32E-03	2.53E-12	9.32E-03	1.06E-02	1.26E-03	0.00E+00	0.00E+00	0.00E+00	8.41E-05
WH20645305A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH20645305B	2.90E-06	1.22E-04	1.38E-06	1.02E-03	6.30E-14	0.00E+00	1.27E-02	1.29E-08	1.18E-06	8.32E-06	0.00E+00	9.61E-07	9.73E-11	2.83E-12	1.50E-04	2.77E-06	1.01E-04	4.98E-05	1.13E-07	3.57E-04	9.32E-03	0.00E+00	1.27E-11	1.67E-11	1.91E-06	5.76E-08	1.26E-03	0.00E+00	9.32E-03	2.53E-12	9.32E-03	1.06E-02	1.26E-03	0.00E+00	0.00E+00	0.00E+00	8.41E-05
WH20645306A	3.67E-04	1.82E-01	3.33E-02	1.31E-01	3.00E-13	0.00E+00	1.85E+00	1.77E-06	1.70E-04	1.07E-03	0.00E+00	3.51E-03	1.41E-08	4.13E-10	1.95E-02	3.48E-04	1.13E-02	7.23E-04	2.57E-04	5.31E-02	1.23E+00	0.00E+00	1.66E-09	2.16E-09	2.50E-04	6.52E-06	1.65E-01	0.00E+00	1.23E+00	3.39E-09	1.23E+00	1.40E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	9.90E-03
WH20645306B	3.40E-04	1.69E-01	3.08E-02	1.22E-01	2.65E-13	0.00E+00	1.71E+00	1.64E-06	1.58E-04	9.94E-04	0.00E+00	3.25E-03	1.31E-08	3.83E-10	1.81E-02	3.22E-04	1.05E-02	6.79E-04	2.38E-04	4.92E-02	1.14E+00	0.00E+00	1.54E-09	2.00E-09	2.32E-04	6.04E-06	1.53E-01	0.00E+00	1.14E+00	3.14E-09	1.14E+00	1.29E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	9.17E-03
WH20645307A	2.52E-06	1.06E-04	1.20E-06	8.85E-04	5.50E-14	0.00E+00	1.10E-02	1.12E-08	1.03E-06	7.22E-06	0.00E+00	8.35E-07	8.45E-11	2.45E-12	1.30E-04	2.41E-06	8.76E-05	4.32E-05	9.82E-08	3.10E-04	8.09E-03	0.00E+00	1.10E-11	1.45E-11	1.66E-06	5.00E-08	1.10E-03	0.00E+00	8.09E-03	2.20E-12	8.09E-03	9.19E-03	1.10E-03	0.00E+00	0.00E+00	0.00E+00	7.31E-05
WH20645307B	2.90E-06	1.22E-04	1.38E-06	1.02E-03	6.30E-14	0.00E+00	1.27E-02	1.29E-08	1.18E-06	8.32E-06	0.00E+00	9.61E-07	9.73E-11	2.83E-12	1.50E-04	2.77E-06	1.01E-04	4.98E-05	1.13E-07	3.57E-04	9.32E-03	0.00E+00	1.27E-11	1.67E-11	1.91E-06	5.76E-08	1.26E-03	0.00E+00	9.32E-03	2.53E-12	9.32E-03	1.06E-02	1.26E-03	0.00E+00	0.00E+00	0.00E+00	8.41E-05
WH20645309A	2.52E-06	1.06E-04	1.20E-06	8.85E-04	5.50E-14	0.00E+00	1.10E-02	1.12E-08	1.03E-06	7.22E-06	0.00E+00	8.35E-07	8.45E-11	2.45E-12	1.30E-04	2.41E-06	8.76E-05	4.32E-05	9.82E-08	3.10E-04	8.09E-03	0.00E+00	1.10E-11	1.45E-11	1.66E-06	5.00E-08	1.10E-03	0.00E+00	8.09E-03	2.20E-12	8.09E-03	9.19E-03	1.10E-03	0.00E+00	0.00E+00	0.00E+00	7.31E-05
WH20645700A	2.60E-06	1.10E-04	1.24E-06	9.12E-04	5.70E-14	0.00E+00	1.14E-02	1.15E-08	1.06E-06	7.44E-06	0.00E+00	8.60E-07	8.70E-11	2.53E-12	1.34E-04	2.48E-06	9.02E-05	4.45E-05	1.01E-07	3.19E-04	8.33E-03	0.00E+00	1.14E-11	1.50E-11	1.71E-06	5.15E-08	1.13E-03	0.00E+00	8.33E-03	2.26E-12	8.33E-03	9.46E-03	1.13E-03	0.00E+00	0.00E+00	0.00E+00	7.53E-05
WH20645700B	2.98E-06	1.26E-04	1.42E-06	1.05E-03	6.50E-14	0.00E+00	1.31E-02	1.32E-08	1.21E-06	8.54E-06	0.00E+00	9.87E-07	9.98E-11	2.90E-12	1.54E-04	2.85E-06	1.03E-04	5.11E-05	1.16E-07	3.66E-04	9.56E-03	0.00E+00	1.31E-11	1.72E-11	1.96E-06	5.91E-08	1.30E-03	0.00E+00	9.56E-03	2.60E-12	9.56E-03	1.09E-02	1.30E-03	0.00E+00	0.00E+00	0.00E+00	8.63E-05

WH20645704A	2.60E-06	1.10E-04	1.24E-06	9.12E-04	5.70E-14	0.00E+00	1.14E-02	1.15E-08	1.06E-06	7.44E-06	0.00E+00	8.60E-07	8.70E-11	2.53E-12	1.34E-04	2.48E-06	9.02E-05	4.45E-05	1.01E-07	3.19E-04	8.33E-03	0.00E+00	1.14E-11	1.50E-11	1.71E-06	5.15E-08	1.13E-03	0.00E+00	8.33E-03	2.26E-12	8.33E-03	9.46E-03	1.13E-03	0.00E+00	0.00E+00	0.00E+00	7.53E-05
WH20645705A	2.60E-06	1.10E-04	1.24E-06	9.12E-04	5.70E-14	0.00E+00	1.14E-02	1.15E-08	1.06E-06	7.44E-06	0.00E+00	8.60E-07	8.70E-11	2.53E-12	1.34E-04	2.48E-06	9.02E-05	4.45E-05	1.01E-07	3.19E-04	8.33E-03	0.00E+00	1.14E-11	1.50E-11	1.71E-06	5.15E-08	1.13E-03	0.00E+00	8.33E-03	2.26E-12	8.33E-03	9.46E-03	1.13E-03	0.00E+00	0.00E+00	0.00E+00	7.53E-05
WH20645705B	2.98E-06	1.26E-04	1.42E-06	1.05E-03	6.50E-14	0.00E+00	1.31E-02	1.32E-08	1.21E-06	8.54E-06	0.00E+00	9.87E-07	9.98E-11	2.90E-12	1.54E-04	2.85E-06	1.03E-04	5.11E-05	1.16E-07	3.66E-04	9.56E-03	0.00E+00	1.31E-11	1.72E-11	1.96E-06	5.91E-08	1.30E-03	0.00E+00	9.56E-03	2.60E-12	9.56E-03	1.09E-02	1.30E-03	0.00E+00	0.00E+00	0.00E+00	8.63E-05
WH20648305B	3.02E-06	1.27E-04	1.44E-06	1.06E-03	6.60E-14	0.00E+00	1.32E-02	1.34E-08	1.23E-06	8.65E-06	0.00E+00	9.99E-07	1.01E-10	2.94E-12	1.56E-04	2.88E-06	1.05E-04	5.17E-05	1.18E-07	3.71E-04	9.68E-03	0.00E+00	1.32E-11	1.74E-11	1.98E-06	5.99E-08	1.31E-03	0.00E+00	9.68E-03	2.63E-12	9.68E-03	1.10E-02	1.31E-03	0.00E+00	0.00E+00	0.00E+00	8.74E-05
WH20648306B	3.59E-04	1.78E-01	3.26E-02	1.28E-01	2.90E-13	0.00E+00	1.81E+00	1.73E-06	1.67E-04	1.05E-03	0.00E+00	3.43E-03	1.38E-08	4.04E-10	1.91E-02	3.40E-04	1.11E-02	7.10E-04	2.51E-04	5.19E-02	1.20E+00	0.00E+00	1.63E-09	2.12E-09	2.45E-04	6.38E-06	1.61E-01	0.00E+00	1.20E+00	3.32E-09	1.20E+00	1.37E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	9.68E-03
WH20750100A	5.19E-05	2.30E-02	4.33E-03	1.87E-02	0.00E+00	0.00E+00	2.69E-01	2.56E-07	2.48E-05	1.54E-04	0.00E+00	4.55E-04	2.06E-09	6.01E-11	2.78E-03	4.98E-05	1.53E-03	0.00E+00	3.24E-05	7.65E-03	1.77E-01	0.00E+00	2.39E-10	3.10E-10	3.60E-05	9.17E-07	2.36E-02	0.00E+00	1.77E-01	4.34E-10	1.77E-01	2.01E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
WH20750100B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20750105A	3.39E-05	1.39E-02	2.62E-03	1.13E-02	0.00E+00	0.00E+00	1.63E-01	1.55E-07	1.50E-05	9.30E-05	0.00E+00	2.75E-04	1.24E-09	3.64E-11	1.68E-03	3.01E-05	9.28E-04	0.00E+00	1.96E-05	4.62E-03	1.07E-01	0.00E+00	1.45E-10	1.87E-10	2.17E-05	5.55E-07	1.43E-02	0.00E+00	1.07E-01	2.62E-10	1.07E-01	1.21E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	8.41E-04
WH20750105B	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH20750205A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH22580000T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22580003T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22580005T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22580006T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22582000T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22582003T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22582005T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22582006T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22582700T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22582703T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22582706T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22592000T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22592003T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22592005T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22640000T	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH22640003T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22640005T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22640006T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22645300T	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH22645303T	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH22645305T	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH22645306T	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH226801K	3.29E-04	1.63E-01	2.98E-02	1.18E-01	2.51E-13	0.00E+00	1.66E+00	1.59E-06	1.53E-04	9.63E-04	0.00E+00	3.14E-03	1.27E-08	3.71E-10	1.75E-02	3.12E-04	1.02E-02	6.62E-04	2.30E-04	4.76E-02	1.11E+00	0.00E+00	1.49E-09	1.94E-09	2.25E-04	5.85E-06	1.48E-01	0.00E+00	1.11E+00	3.04E-09	1.11E+00	1.25E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	8.88E-03
WH226801T	3.60E-04	1.77E-01	3.23E-02	1.29E-01	2.03E-13	0.00E+00	1.81E+00	1.74E-06	1.67E-04	1.05E-03	0.00E+00	3.41E-03	1.38E-08	4.05E-10	1.92E-02	3.41E-04	1.11E-02	7.71E-04	2.49E-04	5.20E-02	1.21E+00	0.00E+00	1.63E-09	2.12E-09	2.45E-04	6.41E-06	1.62E-01	0.00E+00	1.21E+00	3.29E-09	1.21E+00	1.37E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	9.72E-03
WH226801TG	3.60E-04	1.77E-01	3.23E-02	1.29E-01	2.03E-13	0.00E+00	1.81E+00	1.74E-06	1.67E-04	1.05E-03	0.00E+00	3.41E-03	1.38E-08	4.05E-10	1.92E-02	3.41E-04	1.11E-02	7.71E-04	2.49E-04	5.20E-02	1.21E+00	0.00E+00	1.63E-09	2.12E-09	2.45E-04	6.41E-06	1.62E-01	0.00E+00	1.21E+00	3.29E-09	1.21E+00	1.37E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	9.72E-03
WH226802K	3.29E-04	1.63E-01	2.98E-02	1.18E-01	2.51E-13	0.00E+00	1.66E+00	1.59E-06	1.53E-04	9.63E-04	0.00E+00	3.14E-03	1.27E-08	3.71E-10	1.75E-02	3.12E-04	1.02E-02	6.62E-04	2.30E-04	4.76E-02	1.11E+00	0.00E+00	1.49E-09	1.94E-09	2.25E-04	5.85E-06	1.48E-01	0.00E+00	1.11E+00	3.04E-09	1.11E+00	1.25E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	8.88E-03
WH226802T	3.60E-04	1.77E-01	3.23E-02	1.29E-01	2.03E-13	0.00E+00	1.81E+00	1.74E-06	1.67E-04	1.05E-03	0.00E+00	3.41E-03	1.38E-08	4.05E-10	1.92E-02	3.41E-04	1.11E-02	7.71E-04	2.49E-04	5.20E-02	1.21E+00	0.00E+00	1.63E-09	2.12E-09	2.45E-04	6.41E-06	1.62E-01	0.00E+00	1.21E+00	3.29E-09	1.21E+00	1.37E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	9.72E-03
WH226802TG	3.60E-04	1.77E-01	3.23E-02	1.29E-01	2.03E-13	0.00E+00	1.81E+00	1.74E-06	1.67E-04	1.05E-03	0.00E+00	3.41E-03	1.38E-08	4.05E-10	1.92E-02	3.41E-04	1.11E-02	7.71E-04	2.49E-04	5.20E-02	1.21E+00	0.00E+00	1.63E-09	2.12E-09	2.45E-04	6.41E-06	1.62E-01	0.00E+00	1.21E+00	3.29E-09	1.21E+00	1.37E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	9.72E-03
WH226803K	3.29E-04	1.63E-01	2.98E-02	1.18E-01	2.51E-13	0.00E+00	1.66E+00	1.59E-06	1.53E-04	9.63E-04	0.00E+00	3.14E-03	1.27E-08	3.71E-10	1.75E-02	3.12E-04	1.02E-02	6.62E-04	2.30E-04	4.76E-02	1.11E+00	0.00E+00	1.49E-09	1.94E-09	2.25E-04	5.85E-06	1.48E-01	0.00E+00	1.11E+00	3.04E-09	1.11E+00	1.25E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	8.88E-03
WH226803T	3.60E-04	1.77E-01	3.23E-02	1.29E-01	2.03E-13	0.00E+00	1.81E+00	1.74E-06	1.67E-04	1.05E-03	0.00E+00	3.41E-03	1.38E-08	4.05E-10	1.92E-02	3.41E-04	1.11E-02	7.71E-04	2.49E-04	5.20E-02	1.21E+00	0.00E+00	1.63E-09	2.12E-09	2.45E-04	6.41E-06	1.62E-01	0.00E+00	1.21E+00	3.29E-09	1.21E+00	1.37E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	9.72E-03
WH226803TG	3.60E-04	1.77E-01	3.23E-02	1.29E-01	2.03E-13	0.00E+00	1.81E+00	1.74E-06	1.67E-04	1.05E-03	0.00E+00	3.41E-03	1.38E-08	4.05E-10	1.92E-02	3.41E-04	1.11E-02	7.71E-04	2.49E-04	5.20E-02	1.21E+00	0.00E+00	1.63E-09	2.12E-09	2.45E-04	6.41E-06	1.62E-01	0.00E+00	1.21E+00	3.29E-09	1.21E+00	1.37E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	9.72E-03
WH226811K	3.29E-04	1.63E-01	2.98E-02	1.18E-01	2.51E-13	0.00E+00	1.66E+00	1.59E-06	1.53E-04	9.63E-04	0.00E+00	3.14E-03	1.27E-08	3.71E-10	1.75E-02	3.12E-04	1.02E-02	6.62E-04	2.30E-04	4.76E-02	1.11E+00	0.00E+00	1.49E-09	1.94E-09	2.25E-04	5.85E-06	1.48E-01	0.00E+00	1.11E+00	3.04E-09	1.11E+00	1.25E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	8.88E-03
WH226811T	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH226811TG	3.60E-04	1.77E-01	3.23E-02	1.29E-01	2.03E-13	0.00E+00	1.81E+00	1.74E-06	1.67E-04	1.05E-03	0.00E+00	3.41E-03	1.38E-08	4.05E-10	1.92E-02	3.41E-04	1.11E-02	7.71E-04	2.49E-04	5.20E-02	1.21E+00	0.00E+00	1.63E-09	2.12E-09	2.45E-04	6.41E-06	1.62E-01	0.00E+00	1.21E+00	3.29E-09	1.21E+00	1.37E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	9.72E-03
WH226812K	3.29E-04	1.63E-01	2.98E-02	1.18E-01	2.51E-13	0.00E+00	1.66E+00	1.59E-06	1.53E-04	9.63E-04	0.00E+00	3.14E-03	1.27E-08	3.71E-10	1.75E-02	3.12E-04	1.02E-02	6.62E-04	2.30E-04	4.76E-02	1.11E+00	0.00E+00	1.49E-09	1.94E-09	2.25E-04	5.85E-06	1.48E-01	0.00E+00	1.11E+00	3.04E-09	1.11E+00	1.25E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	8.88E-03
WH226812T	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH226812TG	3.60E-04	1.77E-01	3.23E-02	1.29E-01	2.03E-13	0.00E+00	1.81E+00	1.74E-06	1.67E-04	1.05E-03	0.00E+00	3.41E-03	1.38E-08	4.05E-10	1.92E-02	3.41E-04	1.11E-02	7.71E-04	2.49E-04	5.20E-02	1.21E+00	0.00E+00	1.63E-09	2.12E-09	2.45E-04	6.41E-06	1.62E-01	0.00E+00	1.21E+00	3.29E-09	1.21E+00	1.37E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	9.72E-03
WH226813K	3.29E-04	1.63E-01	2.98E-02	1.18E-01	2.51E-13	0.00E+00	1.66E+00	1.59E-06	1.53E-04	9.63E-04	0.00E+00	3.14E-03	1.27E-08	3.71E-10	1.75E-02	3.12E-04	1.02E-02	6.62E-04	2.30E-04	4.76E-02	1.11E+00	0.00E+00	1.49E-09	1.94E-09	2.25E-04	5.85E-06	1.48E-01	0.00E+00	1.11E+00	3.04E-09	1.11E+00	1.25E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	8.88E-03
WH226813T	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH226813TG	3.60E-04	1.77E-01	3.23E-02	1.29E-01	2.03E-13	0.00E+00	1.81E+00	1.74E-06	1.67E-04	1.05E-03	0.00E+00	3.41E-03	1.38E-08	4.05E-10	1.92E-02	3.41E-04	1.11E-02	7.71E-04	2.49E-04	5.20E-02	1.21E+00	0.00E+00	1.63E-09	2.12E-09	2.45E-04	6.41E-06	1.62E-01	0.00E+00	1.21E+00	3.29E-09	1.21E+00	1.37E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	9.72E-03
WH22690000T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH22690003T	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH227101K	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH227101T	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH227101TG	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH227102K	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH227102T	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH227102TG	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH227103K	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH227103T	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH227103TG	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH227111K	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH227111T	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH227111TG	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH227112K	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH227112T	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH227112TG	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH227113K	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH227113T	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH227113TG	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH227301K	2.49E-04	1.23E-01	2.24E-02	8.90E-02	1.47E-13	0.00E+00	1.25E+00	1.20E-06	1.15E-04	7.28E-04	0.00E+00	2.36E-03	9.57E-09	2.80E-10	1.33E-02	2.36E-04	7.69E-03	5.29E-04	1.73E-04	3.60E-02	8.35E-01	0.00E+00	1.13E-09	1.47E-09	1.70E-04	4.43E-06	1.12E-01	0.00E+00	8.35E-01	2.28E-09	8.35E-01	9.47E-01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	6.72E-03
WH227301T	4.47E-04	1.98E-01	3.73E-02	1.61E-01	0.00E+00	0.00E+00	2.32E+00	2.20E-06	2.13E-04	1.33E-03	0.00E+00	3.92E-03	1.77E-08	5.18E-10	2.39E-02	4.29E-04	1.32E-02	0.00E+00	2.79E-04	6.59E-02	1.53E+00	0.00E+00	2.06E-09	2.67E-09	3.10E-04	7.91E-06	2.04E-01	0.00E+00	1.53E+00	3.74E-09	1.53E+00	1.73E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	1.20E-02
WH227301TG	2.79E-04	1.36E-01	2.49E-02	9.99E-02	9.90E-14	0.00E+00	1.40E+00	1.35E-06	1.29E-04	8.17E-04	0.00E+00	2.62E-03	1.07E-08	3.14E-10	1.49E-02	2.65E-04	8.65E-03	6.39E-04	1.92E-04	4.03E-02	9.38E-01	0.00E+00	1.27E-09	1.65E-09	1.91E-04	4.98E-06	1.25E-01	0.00E+00	9.38E-01	2.54E-09	9.38E-01	1.06E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-03
WH227302K	2.49E-04	1.23E-01	2.24E-02	8.90E-02	1.47E-13	0.00E+00	1.25E+00	1.20E-06	1.15E-04	7.28E-04	0.00E+00	2.36E-03	9.57E-09	2.80E-10	1.33E-02	2.36E-04	7.69E-03	5.29E-04	1.73E-04	3.60E-02	8.35E-01	0.00E+00	1.13E-09	1.47E-09	1.70E-04	4.43E-06	1.12E-01	0.00E+00	8.35E-01	2.28E-09	8.35E-01	9.47E-01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	6.72E-03
WH227302T	4.47E-04	1.98E-01	3.73E-02	1.61E-01	0.00E+00	0.00E+00	2.32E+00	2.20E-06	2.13E-04	1.33E-03	0.00E+00	3.92E-03	1.77E-08	5.18E-10	2.39E-02	4.29E-04	1.32E-02	0.00E+00	2.79E-04	6.59E-02	1.53E+00	0.00E+00	2.06E-09	2.67E-09	3.10E-04	7.91E-06	2.04E-01	0.00E+00	1.53E+00	3.74E-09	1.53E+00	1.73E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	1.20E-02
WH227302TG	2.79E-04	1.36E-01	2.49E-02	9.99E-02	9.90E-14	0.00E+00	1.40E+00	1.35E-06	1.29E-04	8.17E-04	0.00E+00	2.62E-03	1.07E-08	3.14E-10	1.49E-02	2.65E-04	8.65E-03	6.39E-04	1.92E-04	4.03E-02	9.38E-01	0.00E+00	1.27E-09	1.65E-09	1.91E-04	4.98E-06	1.25E-01	0.00E+00	9.38E-01	2.54E-09	9.38E-01	1.06E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-03
WH227303K	2.49E-04	1.23E-01	2.24E-02	8.90E-02	1.47E-13	0.00E+00	1.25E+00	1.20E-06	1.15E-04	7.28E-04	0.00E+00	2.36E-03	9.57E-09	2.80E-10	1.33E-02	2.36E-04	7.69E-03	5.29E-04	1.73E-04	3.60E-02	8.35E-01	0.00E+00	1.13E-09	1.47E-09	1.70E-04	4.43E-06	1.12E-01	0.00E+00	8.35E-01	2.28E-09	8.35E-01	9.47E-01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	6.72E-03
WH227303T	4.47E-04	1.98E-01	3.73E-02	1.61E-01	0.00E+00	0.00E+00	2.32E+00	2.20E-06	2.13E-04	1.33E-03	0.00E+00	3.92E-03	1.77E-08	5.18E-10	2.39E-02	4.29E-04	1.32E-02	0.00E+00	2.79E-04	6.59E-02	1.53E+00	0.00E+00	2.06E-09	2.67E-09	3.10E-04	7.91E-06	2.04E-01	0.00E+00	1.53E+00	3.74E-09	1.53E+00	1.73E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	1.20E-02
WH227303TG	2.79E-04	1.36E-01	2.49E-02	9.99E-02	9.90E-14	0.00E+00	1.40E+00	1.35E-06	1.29E-04	8.17E-04	0.00E+00	2.62E-03	1.07E-08	3.14E-10	1.49E-02	2.65E-04	8.65E-03	6.39E-04	1.92E-04	4.03E-02	9.38E-01	0.00E+00	1.27E-09	1.65E-09	1.91E-04	4.98E-06	1.25E-01	0.00E+00	9.38E-01	2.54E-09	9.38E-01	1.06E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-03
WH227311K	2.49E-04	1.23E-01	2.24E-02	8.90E-02	1.47E-13	0.00E+00	1.25E+00	1.20E-06	1.15E-04	7.28E-04	0.00E+00	2.36E-03	9.57E-09	2.80E-10	1.33E-02	2.36E-04	7.69E-03	5.29E-04	1.73E-04	3.60E-02	8.35E-01	0.00E+00	1.13E-09	1.47E-09	1.70E-04	4.43E-06	1.12E-01	0.00E+00	8.35E-01	2.28E-09	8.35E-01	9.47E-01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	6.72E-03
WH227311T	4.47E-04	1.98E-01	3.73E-02	1.61E-01	0.00E+00	0.00E+00	2.32E+00	2.20E-06	2.13E-04	1.33E-03	0.00E+00	3.92E-03	1.77E-08	5.18E-10	2.39E-02	4.29E-04	1.32E-02	0.00E+00	2.79E-04	6.59E-02	1.53E+00	0.00E+00	2.06E-09	2.67E-09	3.10E-04	7.91E-06	2.04E-01	0.00E+00	1.53E+00	3.74E-09	1.53E+00	1.73E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	1.20E-02
WH227311TG	2.79E-04	1.36E-01	2.49E-02	9.99E-02	9.90E-14	0.00E+00	1.40E+00	1.35E-06	1.29E-04	8.17E-04	0.00E+00	2.62E-03	1.07E-08	3.14E-10	1.49E-02	2.65E-04	8.65E-03	6.39E-04	1.92E-04	4.03E-02	9.38E-01	0.00E+00	1.27E-09	1.65E-09	1.91E-04	4.98E-06	1.25E-01	0.00E+00	9.38E-01	2.54E-09	9.38E-01	1.06E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-03
WH227312K	2.49E-04	1.23E-01	2.24E-02	8.90E-02	1.47E-13	0.00E+00	1.25E+00	1.20E-06	1.15E-04	7.28E-04	0.00E+00	2.36E-03	9.57E-09	2.80E-10	1.33E-02	2.36E-04	7.69E-03	5.29E-04	1.73E-04	3.60E-02	8.35E-01	0.00E+00	1.13E-09	1.47E-09	1.70E-04	4.43E-06	1.12E-01	0.00E+00	8.35E-01	2.28E-09	8.35E-01	9.47E-01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	6.72E-03
WH227312T	3.88E-04	1.72E-01	3.24E-02	1.40E-01	0.00E+00	0.00E+00	2.01E+00	1.91E-06	1.85E-04	1.15E-03	0.00E+00	3.40E-03	1.54E-08	4.50E-10	2.08E-02	3.72E-04	1.15E-02	0.00E+00	2.42E-04	5.72E-02	1.32E+00	0.00E+00	1.79E-09	2.32E-09	2.69E-04	6.86E-06	1.77E-01	0.00E+00	1.32E+00	3.25E-09	1.32E+00	1.50E+00	1.77E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-02
WH227312TG	2.79E-04	1.36E-01	2.49E-02	9.99E-02	9.90E-14	0.00E+00	1.40E+00	1.35E-06	1.29E-04	8.17E-04	0.00E+00	2.62E-03	1.07E-08	3.14E-10	1.49E-02	2.65E-04	8.65E-03	6.39E-04	1.92E-04	4.03E-02	9.38E-01	0.00E+00	1.27E-09	1.65E-09	1.91E-04	4.98E-06	1.25E-01	0.00E+00	9.38E-01	2.54E-09	9.38E-01	1.06E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-03

WH227313K	2.49E-04	1.23E-01	2.24E-02	8.90E-02	1.47E-13	0.00E+00	1.25E+00	1.20E-06	1.15E-04	7.28E-04	0.00E+00	2.36E-03	9.57E-09	2.80E-10	1.33E-02	2.36E-04	7.69E-03	5.29E-04	1.73E-04	3.60E-02	8.35E-01	0.00E+00	1.13E-09	1.47E-09	1.70E-04	4.43E-06	1.12E-01	0.00E+00	8.35E-01	2.28E-09	8.35E-01	9.47E-01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	6.72E-03
WH227313T	3.88E-04	1.72E-01	3.24E-02	1.40E-01	0.00E+00	0.00E+00	2.01E+00	1.91E-06	1.85E-04	1.15E-03	0.00E+00	3.40E-03	1.54E-08	4.50E-10	2.08E-02	3.72E-04	1.15E-02	0.00E+00	2.42E-04	5.72E-02	1.32E+00	0.00E+00	1.79E-09	2.32E-09	2.69E-04	6.86E-06	1.77E-01	0.00E+00	1.32E+00	3.25E-09	1.32E+00	1.50E+00	1.77E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-02
WH227313TG	2.79E-04	1.36E-01	2.49E-02	9.99E-02	9.90E-14	0.00E+00	1.40E+00	1.35E-06	1.29E-04	8.17E-04	0.00E+00	2.62E-03	1.07E-08	3.14E-10	1.49E-02	2.65E-04	8.65E-03	6.39E-04	1.92E-04	4.03E-02	9.38E-01	0.00E+00	1.27E-09	1.65E-09	1.91E-04	4.98E-06	1.25E-01	0.00E+00	9.38E-01	2.54E-09	9.38E-01	1.06E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-03
WH22790000T	2.73E-04	1.35E-01	2.46E-02	9.76E-02	1.78E-13	0.00E+00	1.37E+00	1.32E-06	1.27E-04	7.98E-04	0.00E+00	2.60E-03	1.05E-08	3.07E-10	1.45E-02	2.59E-04	8.43E-03	5.69E-04	1.90E-04	3.95E-02	9.17E-01	0.00E+00	1.24E-09	1.61E-09	1.86E-04	4.86E-06	1.23E-01	0.00E+00	9.17E-01	2.51E-09	9.17E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-03
WH22790003T	2.73E-04	1.35E-01	2.46E-02	9.76E-02	1.78E-13	0.00E+00	1.37E+00	1.32E-06	1.27E-04	7.98E-04	0.00E+00	2.60E-03	1.05E-08	3.07E-10	1.45E-02	2.59E-04	8.43E-03	5.69E-04	1.90E-04	3.95E-02	9.17E-01	0.00E+00	1.24E-09	1.61E-09	1.86E-04	4.86E-06	1.23E-01	0.00E+00	9.17E-01	2.51E-09	9.17E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-03
WH22892000T	2.73E-04	1.35E-01	2.46E-02	9.76E-02	1.78E-13	0.00E+00	1.37E+00	1.32E-06	1.27E-04	7.98E-04	0.00E+00	2.60E-03	1.05E-08	3.07E-10	1.45E-02	2.59E-04	8.43E-03	5.69E-04	1.90E-04	3.95E-02	9.17E-01	0.00E+00	1.24E-09	1.61E-09	1.86E-04	4.86E-06	1.23E-01	0.00E+00	9.17E-01	2.51E-09	9.17E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-03
WH22892003T	2.73E-04	1.35E-01	2.46E-02	9.76E-02	1.78E-13	0.00E+00	1.37E+00	1.32E-06	1.27E-04	7.98E-04	0.00E+00	2.60E-03	1.05E-08	3.07E-10	1.45E-02	2.59E-04	8.43E-03	5.69E-04	1.90E-04	3.95E-02	9.17E-01	0.00E+00	1.24E-09	1.61E-09	1.86E-04	4.86E-06	1.23E-01	0.00E+00	9.17E-01	2.51E-09	9.17E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-03
WH22892005T	2.73E-04	1.35E-01	2.46E-02	9.76E-02	1.78E-13	0.00E+00	1.37E+00	1.32E-06	1.27E-04	7.98E-04	0.00E+00	2.60E-03	1.05E-08	3.07E-10	1.45E-02	2.59E-04	8.43E-03	5.69E-04	1.90E-04	3.95E-02	9.17E-01	0.00E+00	1.24E-09	1.61E-09	1.86E-04	4.86E-06	1.23E-01	0.00E+00	9.17E-01	2.51E-09	9.17E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-03
WH228921K	2.49E-04	1.23E-01	2.24E-02	8.90E-02	1.47E-13	0.00E+00	1.25E+00	1.20E-06	1.15E-04	7.28E-04	0.00E+00	2.36E-03	9.57E-09	2.80E-10	1.33E-02	2.36E-04	7.69E-03	5.29E-04	1.73E-04	3.60E-02	8.35E-01	0.00E+00	1.13E-09	1.47E-09	1.70E-04	4.43E-06	1.12E-01	0.00E+00	8.35E-01	2.28E-09	8.35E-01	9.47E-01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	6.72E-03
WH228921T	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH228921TG	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH228924K	2.49E-04	1.23E-01	2.24E-02	8.90E-02	1.47E-13	0.00E+00	1.25E+00	1.20E-06	1.15E-04	7.28E-04	0.00E+00	2.36E-03	9.57E-09	2.80E-10	1.33E-02	2.36E-04	7.69E-03	5.29E-04	1.73E-04	3.60E-02	8.35E-01	0.00E+00	1.13E-09	1.47E-09	1.70E-04	4.43E-06	1.12E-01	0.00E+00	8.35E-01	2.28E-09	8.35E-01	9.47E-01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	6.72E-03
WH228924T	3.88E-04	1.72E-01	3.24E-02	1.40E-01	0.00E+00	0.00E+00	2.01E+00	1.91E-06	1.85E-04	1.15E-03	0.00E+00	3.40E-03	1.54E-08	4.50E-10	2.08E-02	3.72E-04	1.15E-02	0.00E+00	2.42E-04	5.72E-02	1.32E+00	0.00E+00	1.79E-09	2.32E-09	2.69E-04	6.86E-06	1.77E-01	0.00E+00	1.32E+00	3.25E-09	1.32E+00	1.50E+00	1.77E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-02
WH228924TG	3.06E-04	1.50E-01	2.74E-02	1.09E-01	1.33E-13	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.96E-04	0.00E+00	2.88E-03	1.18E-08	3.44E-10	1.63E-02	2.90E-04	9.47E-03	6.83E-04	2.11E-04	4.42E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.46E-06	1.37E-01	0.00E+00	1.03E+00	2.79E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
WH23580300Q	4.47E-05	1.98E-02	3.73E-03	1.61E-02	0.00E+00	0.00E+00	2.32E-01	2.20E-07	2.13E-05	1.33E-04	0.00E+00	3.92E-04	1.77E-09	5.18E-11	2.39E-03	4.29E-05	1.32E-03	0.00E+00	2.79E-05	6.59E-03	1.53E-01	0.00E+00	2.06E-10	2.67E-10	3.10E-05	7.91E-07	2.04E-02	0.00E+00	1.53E-01	3.74E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
WH23585300Q	4.47E-05	1.98E-02	3.73E-03	1.61E-02	0.00E+00	0.00E+00	2.32E-01	2.20E-07	2.13E-05	1.33E-04	0.00E+00	3.92E-04	1.77E-09	5.18E-11	2.39E-03	4.29E-05	1.32E-03	0.00E+00	2.79E-05	6.59E-03	1.53E-01	0.00E+00	2.06E-10	2.67E-10	3.10E-05	7.91E-07	2.04E-02	0.00E+00	1.53E-01	3.74E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
WH23585303Q	6.76E-06	2.85E-04	3.22E-06	2.37E-03	1.47E-13	0.00E+00	2.96E-02	2.99E-08	2.76E-06	1.94E-05	0.00E+00	2.24E-06	2.27E-10	6.58E-12	3.49E-04	6.46E-06	2.35E-04	1.16E-04	2.63E-07	8.31E-04	2.17E-02	0.00E+00	2.96E-11	3.89E-11	4.45E-06	1.34E-07	2.94E-03	0.00E+00	2.17E-02	5.89E-12	2.17E-02	2.46E-02	2.94E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-04
WH23585304Q	6.76E-06	2.85E-04	3.22E-06	2.37E-03	1.47E-13	0.00E+00	2.96E-02	2.99E-08	2.76E-06	1.94E-05	0.00E+00	2.24E-06	2.27E-10	6.58E-12	3.49E-04	6.46E-06	2.35E-04	1.16E-04	2.63E-07	8.31E-04	2.17E-02	0.00E+00	2.96E-11	3.89E-11	4.45E-06	1.34E-07	2.94E-03	0.00E+00	2.17E-02	5.89E-12	2.17E-02	2.46E-02	2.94E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-04
WH23585305Q	6.76E-06	2.85E-04	3.22E-06	2.37E-03	1.47E-13	0.00E+00	2.96E-02	2.99E-08	2.76E-06	1.94E-05	0.00E+00	2.24E-06	2.27E-10	6.58E-12	3.49E-04	6.46E-06	2.35E-04	1.16E-04	2.63E-07	8.31E-04	2.17E-02	0.00E+00	2.96E-11	3.89E-11	4.45E-06	1.34E-07	2.94E-03	0.00E+00	2.17E-02	5.89E-12	2.17E-02	2.46E-02	2.94E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-04
WH23585306Q	6.76E-06	2.85E-04	3.22E-06	2.37E-03	1.47E-13	0.00E+00	2.96E-02	2.99E-08	2.76E-06	1.94E-05	0.00E+00	2.24E-06	2.27E-10	6.58E-12	3.49E-04	6.46E-06	2.35E-04	1.16E-04	2.63E-07	8.31E-04	2.17E-02	0.00E+00	2.96E-11	3.89E-11	4.45E-06	1.34E-07	2.94E-03	0.00E+00	2.17E-02	5.89E-12	2.17E-02	2.46E-02	2.94E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-04
WH23585307Q	6.76E-06	2.85E-04	3.22E-06	2.37E-03	1.47E-13	0.00E+00	2.96E-02	2.99E-08	2.76E-06	1.94E-05	0.00E+00	2.24E-06	2.27E-10	6.58E-12	3.49E-04	6.46E-06	2.35E-04	1.16E-04	2.63E-07	8.31E-04	2.17E-02	0.00E+00	2.96E-11	3.89E-11	4.45E-06	1.34E-07	2.94E-03	0.00E+00	2.17E-02	5.89E-12	2.17E-02	2.46E-02	2.94E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-04
WH23585400Q	8.06E-06	3.40E-04	3.84E-06	2.83E-03	1.75E-13	0.00E+00	3.53E-02	3.57E-08	3.29E-06	2.31E-05	0.00E+00	2.67E-06	2.70E-10	7.84E-12	4.16E-04	7.70E-06	2.80E-04	1.38E-04	3.14E-07	9.91E-04	2.59E-02	0.00E+00	3.53E-11	4.64E-11	5.30E-06	1.60E-07	3.51E-03	0.00E+00	2.59E-02	7.02E-12	2.59E-02	2.94E-02	3.51E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
WH23585403Q	8.06E-06	3.40E-04	3.84E-06	2.83E-03	1.75E-13	0.00E+00	3.53E-02	3.57E-08	3.29E-06	2.31E-05	0.00E+00	2.67E-06	2.70E-10	7.84E-12	4.16E-04	7.70E-06	2.80E-04	1.38E-04	3.14E-07	9.91E-04	2.59E-02	0.00E+00	3.53E-11	4.64E-11	5.30E-06	1.60E-07	3.51E-03	0.00E+00	2.59E-02	7.02E-12	2.59E-02	2.94E-02	3.51E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
WH23585405Q	8.06E-06	3.40E-04	3.84E-06	2.83E-03	1.75E-13	0.00E+00	3.53E-02	3.57E-08	3.29E-06	2.31E-05	0.00E+00	2.67E-06	2.70E-10	7.84E-12	4.16E-04	7.70E-06	2.80E-04	1.38E-04	3.14E-07	9.91E-04	2.59E-02	0.00E+00	3.53E-11	4.64E-11	5.30E-06	1.60E-07	3.51E-03	0.00E+00	2.59E-02	7.02E-12	2.59E-02	2.94E-02	3.51E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
WH23585406Q	8.06E-06	3.40E-04	3.84E-06	2.83E-03	1.75E-13	0.00E+00	3.53E-02	3.57E-08	3.29E-06	2.31E-05	0.00E+00	2.67E-06	2.70E-10	7.84E-12	4.16E-04	7.70E-06	2.80E-04	1.38E-04	3.14E-07	9.91E-04	2.59E-02	0.00E+00	3.53E-11	4.64E-11	5.30E-06	1.60E-07	3.51E-03	0.00E+00	2.59E-02	7.02E-12	2.59E-02	2.94E-02	3.51E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04
WH23592200Q	4.47E-05	1.98E-02	3.73E-03	1.61E-02	0.00E+00	0.00E+00	2.32E-01	2.20E-07	2.13E-05	1.33E-04	0.00E+00	3.92E-04	1.77E-09	5.18E-11	2.39E-03	4.29E-05	1.32E-03	0.00E+00	2.79E-05	6.59E-03	1.53E-01	0.00E+00	2.06E-10	2.67E-10	3.10E-05	7.91E-07	2.04E-02	0.00E+00	1.53E-01	3.74E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
WH23592203Q	8.14E-06	3.43E-04	3.88E-06	2.86E-03	1.77E-13	0.00E+00	3.56E-02	3.60E-08	3.32E-06	2.33E-05	0.00E+00	2.69E-06	2.73E-10	7.92E-12	4.20E-04	7.77E-06	2.83E-04	1.40E-04	3.17E-07	1.00E-03	2.61E-02	0.00E+00	3.57E-11	4.68E-11	5.35E-06	1.61E-07	3.54E-03	0.00E+00	2.61E-02	7.09E-12	2.61E-02	2.96E-02	3.54E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
WH23592204Q	8.14E-06	3.43E-04	3.88E-06	2.86E-03	1.77E-13	0.00E+00	3.56E-02	3.60E-08	3.32E-06	2.33E-05	0.00E+00	2.69E-06	2.73E-10	7.92E-12	4.20E-04	7.77E-06	2.83E-04	1.40E-04	3.17E-07	1.00E-03	2.61E-02	0.00E+00	3.57E-11	4.68E-11	5.35E-06	1.61E-07	3.54E-03	0.00E+00	2.61E-02	7.09E-12	2.61E-02	2.96E-02	3.54E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
WH23592205Q	8.14E-06	3.43E-04	3.88E-06	2.86E-03	1.77E-13	0.00E+00	3.56E-02	3.60E-08	3.32E-06	2.33E-05	0.00E+00	2.69E-06	2.73E-10	7.92E-12	4.20E-04	7.77E-06	2.83E-04	1.40E-04	3.17E-07	1.00E-03	2.61E-02	0.00E+00	3.57E-11	4.68E-11	5.35E-06	1.61E-07	3.54E-03	0.00E+00	2.61E-02	7.09E-12	2.61E-02	2.96E-02	3.54E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
WH23592206Q	8.14E-06	3.43E-04	3.88E-06	2.86E-03	1.77E-13	0.00E+00	3.56E-02	3.60E-08	3.32E-06	2.33E-05	0.00E+00	2.69E-06	2.73E-10	7.92E-12	4.20E-04	7.77E-06	2.83E-04	1.40E-04	3.17E-07	1.00E-03	2.61E-02	0.00E+00	3.57E-11	4.68E-11	5.35E-06	1.61E-07	3.54E-03	0.00E+00	2.61E-02	7.09E-12	2.61E-02	2.96E-02	3.54E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
WH23593200Q	8.96E-05	4.11E-02	7.46E-03	3.20E-02	9.80E-14	0.00E+00	4.47E-01	4.30E-07	4.12E-05	2.62E-04	0.00E+00	7.89E-04	3.42E-09	9.99E-11	4.77E-03	8.50E-05	2.80E-03	2.92E-04	5.78E-05	1.28E-02	3.00E-01	0.00E+00	4.06E-10	5.28E-10	6.10E-05	1.61E-06	4.02E-02	0.00E+00	3.00E-01	7.66E-10	3.00E-01	3.40E-01	4.02E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
WH23593203Q	2.44E-04	1.19E-01	2.16E-02	8.74E-02	5.30E-14	0.00E+00	1.23E+00	1.18E-06	1.13E-04	7.15E-04	0.00E+00	2.28E-03	9.39E-09	2.75E-10	1.30E-02	2.32E-04	7.58E-03	5.81E-04	1.67E-04	3.53E-02	8.21E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.36E-06	1.10E-01	0.00E+00	8.21E-01	2.21E-09	8.21E-01	9.30E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23593205Q	2.44E-04	1.19E-01	2.16E-02	8.74E-02	5.30E-14	0.00E+00	1.23E+00	1.18E-06	1.13E-04	7.15E-04	0.00E+00	2.28E-03	9.39E-09	2.75E-10	1.30E-02	2.32E-04	7.58E-03	5.81E-04	1.67E-04	3.53E-02	8.21E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.36E-06	1.10E-01	0.00E+00	8.21E-01	2.21E-09	8.21E-01	9.30E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23593206Q	2.44E-04	1.19E-01	2.16E-02	8.74E-02	5.30E-14	0.00E+00	1.23E+00	1.18E-06	1.13E-04	7.15E-04	0.00E+00	2.28E-03	9.39E-09	2.75E-10	1.30E-02	2.32E-04	7.58E-03	5.81E-04	1.67E-04	3.53E-02	8.21E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.36E-06	1.10E-01	0.00E+00	8.21E-01	2.21E-09	8.21E-01	9.30E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23595200Q	4.47E-05	1.98E-02	3.73E-03	1.61E-02	0.00E+00	0.00E+00	2.32E-01	2.20E-07	2.13E-05	1.33E-04	0.00E+00	3.92E-04	1.77E-09	5.18E-11	2.39E-03	4.29E-05	1.32E-03	0.00E+00	2.79E-05	6.59E-03	1.53E-01	0.00E+00	2.06E-10	2.67E-10	3.10E-05	7.91E-07	2.04E-02	0.00E+00	1.53E-01	3.74E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
WH23595203Q	8.14E-06	3.43E-04	3.88E-06	2.86E-03	1.77E-13	0.00E+00	3.56E-02	3.60E-08	3.32E-06	2.33E-05	0.00E+00	2.69E-06	2.73E-10	7.92E-12	4.20E-04	7.77E-06	2.83E-04	1.40E-04	3.17E-07	1.00E-03	2.61E-02	0.00E+00	3.57E-11	4.68E-11	5.35E-06	1.61E-07	3.54E-03	0.00E+00	2.61E-02	7.09E-12	2.61E-02	2.96E-02	3.54E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
WH23595204Q	8.14E-06	3.43E-04	3.88E-06	2.86E-03	1.77E-13	0.00E+00	3.56E-02	3.60E-08	3.32E-06	2.33E-05	0.00E+00	2.69E-06	2.73E-10	7.92E-12	4.20E-04	7.77E-06	2.83E-04	1.40E-04	3.17E-07	1.00E-03	2.61E-02	0.00E+00	3.57E-11	4.68E-11	5.35E-06	1.61E-07	3.54E-03	0.00E+00	2.61E-02	7.09E-12	2.61E-02	2.96E-02	3.54E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
WH23595205Q	8.14E-06	3.43E-04	3.88E-06	2.86E-03	1.77E-13	0.00E+00	3.56E-02	3.60E-08	3.32E-06	2.33E-05	0.00E+00	2.69E-06	2.73E-10	7.92E-12	4.20E-04	7.77E-06	2.83E-04	1.40E-04	3.17E-07	1.00E-03	2.61E-02	0.00E+00	3.57E-11	4.68E-11	5.35E-06	1.61E-07	3.54E-03	0.00E+00	2.61E-02	7.09E-12	2.61E-02	2.96E-02	3.54E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
WH23595206Q	8.14E-06	3.43E-04	3.88E-06	2.86E-03	1.77E-13	0.00E+00	3.56E-02	3.60E-08	3.32E-06	2.33E-05	0.00E+00	2.69E-06	2.73E-10	7.92E-12	4.20E-04	7.77E-06	2.83E-04	1.40E-04	3.17E-07	1.00E-03	2.61E-02	0.00E+00	3.57E-11	4.68E-11	5.35E-06	1.61E-07	3.54E-03	0.00E+00	2.61E-02	7.09E-12	2.61E-02	2.96E-02	3.54E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
WH23596200Q	4.47E-05	1.98E-02	3.73E-03	1.61E-02	0.00E+00	0.00E+00	2.32E-01	2.20E-07	2.13E-05	1.33E-04	0.00E+00	3.92E-04	1.77E-09	5.18E-11	2.39E-03	4.29E-05	1.32E-03	0.00E+00	2.79E-05	6.59E-03	1.53E-01	0.00E+00	2.06E-10	2.67E-10	3.10E-05	7.91E-07	2.04E-02	0.00E+00	1.53E-01	3.74E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
WH23596203Q	2.44E-04	1.19E-01	2.16E-02	8.74E-02	5.30E-14	0.00E+00	1.23E+00	1.18E-06	1.13E-04	7.15E-04	0.00E+00	2.28E-03	9.39E-09	2.75E-10	1.30E-02	2.32E-04	7.58E-03	5.81E-04	1.67E-04	3.53E-02	8.21E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.36E-06	1.10E-01	0.00E+00	8.21E-01	2.21E-09	8.21E-01	9.30E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23596204Q	2.44E-04	1.19E-01	2.16E-02	8.74E-02	5.30E-14	0.00E+00	1.23E+00	1.18E-06	1.13E-04	7.15E-04	0.00E+00	2.28E-03	9.39E-09	2.75E-10	1.30E-02	2.32E-04	7.58E-03	5.81E-04	1.67E-04	3.53E-02	8.21E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.36E-06	1.10E-01	0.00E+00	8.21E-01	2.21E-09	8.21E-01	9.30E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23596205Q	2.44E-04	1.19E-01	2.16E-02	8.74E-02	5.30E-14	0.00E+00	1.23E+00	1.18E-06	1.13E-04	7.15E-04	0.00E+00	2.28E-03	9.39E-09	2.75E-10	1.30E-02	2.32E-04	7.58E-03	5.81E-04	1.67E-04	3.53E-02	8.21E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.36E-06	1.10E-01	0.00E+00	8.21E-01	2.21E-09	8.21E-01	9.30E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23596206Q	2.44E-04	1.19E-01	2.16E-02	8.74E-02	5.30E-14	0.00E+00	1.23E+00	1.18E-06	1.13E-04	7.15E-04	0.00E+00	2.28E-03	9.39E-09	2.75E-10	1.30E-02	2.32E-04	7.58E-03	5.81E-04	1.67E-04	3.53E-02	8.21E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.36E-06	1.10E-01	0.00E+00	8.21E-01	2.21E-09	8.21E-01	9.30E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23596209Q	2.44E-04	1.19E-01	2.16E-02	8.74E-02	5.30E-14	0.00E+00	1.23E+00	1.18E-06	1.13E-04	7.15E-04	0.00E+00	2.28E-03	9.39E-09	2.75E-10	1.30E-02	2.32E-04	7.58E-03	5.81E-04	1.67E-04	3.53E-02	8.21E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.36E-06	1.10E-01	0.00E+00	8.21E-01	2.21E-09	8.21E-01	9.30E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23600700Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH23620300Q	2.87E-07	1.27E-04	2.40E-05	1.03E-04	0.00E+00	0.00E+00	1.49E-03	1.42E-09	1.37E-07	8.52E-07	0.00E+00	2.52E-06	1.14E-11	3.33E-13	1.54E-05	2.76E-07	8.49E-06	0.00E+00	1.79E-07	4.23E-05	9.80E-04	0.00E+00	1.32E-12	1.72E-12	1.99E-07	5.08E-09	1.31E-04	0.00E+00	9.80E-04	2.40E-12	9.80E-04	1.11E-03	1.31E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-06
WH23620303Q	6.92E-06	2.92E-04	3.30E-06	2.43E-03	1.51E-13	0.00E+00	3.03E-02	3.06E-08	2.82E-06	1.98E-05	0.00E+00	2.29E-06	2.32E-10	6.73E-12	3.57E-04	6.60E-06	2.40E-04	1.19E-04	2.69E-07	8.50E-04	2.22E-02	0.00E+00	3.03E-11	3.98E-11	4.55E-06	1.37E-07	3.01E-03	0.00E+00	2.22E-02	6.02E-12	2.22E-02	2.52E-02	3.01E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH23620304Q	6.92E-06	2.92E-04	3.30E-06	2.43E-03	1.51E-13	0.00E+00	3.03E-02	3.06E-08	2.82E-06	1.98E-05	0.00E+00	2.29E-06	2.32E-10	6.73E-12	3.57E-04	6.60E-06	2.40E-04	1.19E-04	2.69E-07	8.50E-04	2.22E-02	0.00E+00	3.03E-11	3.98E-11	4.55E-06	1.37E-07	3.01E-03	0.00E+00	2.22E-02	6.02E-12	2.22E-02	2.52E-02	3.01E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH23620305Q	6.92E-06	2.92E-04	3.30E-06	2.43E-03	1.51E-13	0.00E+00	3.03E-02	3.06E-08	2.82E-06	1.98E-05	0.00E+00	2.29E-06	2.32E-10	6.73E-12	3.57E-04	6.60E-06	2.40E-04	1.19E-04	2.69E-07	8.50E-04	2.22E-02	0.00E+00	3.03E-11	3.98E-11	4.55E-06	1.37E-07	3.01E-03	0.00E+00	2.22E-02	6.02E-12	2.22E-02	2.52E-02	3.01E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH23620306Q	6.92E-06	2.92E-04	3.30E-06	2.43E-03	1.51E-13	0.00E+00	3.03E-02	3.06E-08	2.82E-06	1.98E-05	0.00E+00	2.29E-06	2.32E-10	6.73E-12	3.57E-04	6.60E-06	2.40E-04	1.19E-04	2.69E-07	8.50E-04	2.22E-02	0.00E+00	3.03E-11	3.98E-11	4.55E-06	1.37E-07	3.01E-03	0.00E+00	2.22E-02	6.02E-12	2.22E-02	2.52E-02	3.01E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH23620307Q	6.92E-06	2.92E-04	3.30E-06	2.43E-03	1.51E-13	0.00E+00	3.03E-02	3.06E-08	2.82E-06	1.98E-05	0.00E+00	2.29E-06	2.32E-10	6.73E-12	3.57E-04	6.60E-06	2.40E-04	1.19E-04	2.69E-07	8.50E-04	2.22E-02	0.00E+00	3.03E-11	3.98E-11	4.55E-06	1.37E-07	3.01E-03	0.00E+00	2.22E-02	6.02E-12	2.22E-02	2.52E-02	3.01E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH23620309Q	6.92E-06	2.92E-04	3.30E-06	2.43E-03	1.51E-13	0.00E+00	3.03E-02	3.06E-08	2.82E-06	1.98E-05	0.00E+00	2.29E-06	2.32E-10	6.73E-12	3.57E-04	6.60E-06	2.40E-04	1.19E-04	2.69E-07	8.50E-04	2.22E-02	0.00E+00	3.03E-11	3.98E-11	4.55E-06	1.37E-07	3.01E-03	0.00E+00	2.22E-02	6.02E-12	2.22E-02	2.52E-02	3.01E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH23620700Q	6.92E-06	2.92E-04	3.30E-06	2.43E-03	1.51E-13	0.00E+00	3.03E-02	3.06E-08	2.82E-06	1.98E-05	0.00E+00	2.29E-06	2.32E-10	6.73E-12	3.57E-04	6.60E-06	2.40E-04	1.19E-04	2.69E-07	8.50E-04	2.22E-02	0.00E+00	3.03E-11	3.98E-11	4.55E-06	1.37E-07	3.01E-03	0.00E+00	2.22E-02	6.02E-12	2.22E-02	2.52E-02	3.01E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH23620703Q	6.92E-06	2.92E-04	3.30E-06	2.43E-03	1.51E-13	0.00E+00	3.03E-02	3.06E-08	2.82E-06	1.98E-05	0.00E+00	2.29E-06	2.32E-10	6.73E-12	3.57E-04	6.60E-06	2.40E-04	1.19E-04	2.69E-07	8.50E-04	2.22E-02	0.00E+00	3.03E-11	3.98E-11	4.55E-06	1.37E-07	3.01E-03	0.00E+00	2.22E-02	6.02E-12	2.22E-02	2.52E-02	3.01E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH23620705Q	6.92E-06	2.92E-04	3.30E-06	2.43E-03	1.51E-13	0.00E+00	3.03E-02	3.06E-08	2.82E-06	1.98E-05	0.00E+00	2.29E-06	2.32E-10	6.73E-12	3.57E-04	6.60E-06	2.40E-04	1.19E-04	2.69E-07	8.50E-04	2.22E-02	0.00E+00	3.03E-11	3.98E-11	4.55E-06	1.37E-07	3.01E-03	0.00E+00	2.22E-02	6.02E-12	2.22E-02	2.52E-02	3.01E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH23620709Q	6.92E-06	2.92E-04	3.30E-06	2.43E-03	1.51E-13	0.00E+00	3.03E-02	3.06E-08	2.82E-06	1.98E-05	0.00E+00	2.29E-06	2.32E-10	6.73E-12	3.57E-04	6.60E-06	2.40E-04	1.19E-04	2.69E-07	8.50E-04	2.22E-02	0.00E+00	3.03E-11	3.98E-11	4.55E-06	1.37E-07	3.01E-03	0.00E+00	2.22E-02	6.02E-12	2.22E-02	2.52E-02	3.01E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04
WH23623300Q	7.11E-06	3.00E-04	3.39E-06	2.49E-03	1.55E-13	0.00E+00	3.11E-02	3.15E-08	2.90E-06	2.04E-05	0.00E+00	2.35E-06	2.38E-10	6.91E-12	3.67E-04	6.79E-06	2.47E-04	1.22E-04	2.77E-07	8.73E-04	2.28E-02	0.00E+00	3.11E-11	4.09E-11	4.67E-06	1.41E-07	3.09E-03	0.00E+00	2.28E-02	6.19E-12	2.28E-02	2.59E-02	3.09E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
WH23623303Q	7.11E-06	3.00E-04	3.39E-06	2.49E-03	1.55E-13	0.00E+00	3.11E-02	3.15E-08	2.90E-06	2.04E-05	0.00E+00	2.35E-06	2.38E-10	6.91E-12	3.67E-04	6.79E-06	2.47E-04	1.22E-04	2.77E-07	8.73E-04	2.28E-02	0.00E+00	3.11E-11	4.09E-11	4.67E-06	1.41E-07	3.09E-03	0.00E+00	2.28E-02	6.19E-12	2.28E-02	2.59E-02	3.09E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
WH23623304Q	7.11E-06	3.00E-04	3.39E-06	2.49E-03	1.55E-13	0.00E+00	3.11E-02	3.15E-08	2.90E-06	2.04E-05	0.00E+00	2.35E-06	2.38E-10	6.91E-12	3.67E-04	6.79E-06	2.47E-04	1.22E-04	2.77E-07	8.73E-04	2.28E-02	0.00E+00	3.11E-11	4.09E-11	4.67E-06	1.41E-07	3.09E-03	0.00E+00	2.28E-02	6.19E-12	2.28E-02	2.59E-02	3.09E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
WH23623309Q	7.11E-06	3.00E-04	3.39E-06	2.49E-03	1.55E-13	0.00E+00	3.11E-02	3.15E-08	2.90E-06	2.04E-05	0.00E+00	2.35E-06	2.38E-10	6.91E-12	3.67E-04	6.79E-06	2.47E-04	1.22E-04	2.77E-07	8.73E-04	2.28E-02	0.00E+00	3.11E-11	4.09E-11	4.67E-06	1.41E-07	3.09E-03	0.00E+00	2.28E-02	6.19E-12	2.28E-02	2.59E-02	3.09E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
WH23625300Q	4.47E-05	1.98E-02	3.73E-03	1.61E-02	0.00E+00	0.00E+00	2.32E-01	2.20E-07	2.13E-05	1.33E-04	0.00E+00	3.92E-04	1.77E-09	5.18E-11	2.39E-03	4.29E-05	1.32E-03	0.00E+00	2.79E-05	6.59E-03	1.53E-01	0.00E+00	2.06E-10	2.67E-10	3.10E-05	7.91E-07	2.04E-02	0.00E+00	1.53E-01	3.74E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
WH23625303Q	7.49E-06	3.16E-04	3.57E-06	2.63E-03	1.63E-13	0.00E+00	3.28E-02	3.32E-08	3.05E-06	2.14E-05	0.00E+00	2.48E-06	2.51E-10	7.29E-12	3.86E-04	7.15E-06	2.60E-04	1.28E-04	2.92E-07	9.20E-04	2.40E-02	0.00E+00	3.28E-11	4.31E-11	4.92E-06	1.48E-07	3.26E-03	0.00E+00	2.40E-02	6.52E-12	2.40E-02	2.73E-02	3.26E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
WH23625304Q	7.49E-06	3.16E-04	3.57E-06	2.63E-03	1.63E-13	0.00E+00	3.28E-02	3.32E-08	3.05E-06	2.14E-05	0.00E+00	2.48E-06	2.51E-10	7.29E-12	3.86E-04	7.15E-06	2.60E-04	1.28E-04	2.92E-07	9.20E-04	2.40E-02	0.00E+00	3.28E-11	4.31E-11	4.92E-06	1.48E-07	3.26E-03	0.00E+00	2.40E-02	6.52E-12	2.40E-02	2.73E-02	3.26E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
WH23625305Q	7.49E-06	3.16E-04	3.57E-06	2.63E-03	1.63E-13	0.00E+00	3.28E-02	3.32E-08	3.05E-06	2.14E-05	0.00E+00	2.48E-06	2.51E-10	7.29E-12	3.86E-04	7.15E-06	2.60E-04	1.28E-04	2.92E-07	9.20E-04	2.40E-02	0.00E+00	3.28E-11	4.31E-11	4.92E-06	1.48E-07	3.26E-03	0.00E+00	2.40E-02	6.52E-12	2.40E-02	2.73E-02	3.26E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
WH23625306Q	7.49E-06	3.16E-04	3.57E-06	2.63E-03	1.63E-13	0.00E+00	3.28E-02	3.32E-08	3.05E-06	2.14E-05	0.00E+00	2.48E-06	2.51E-10	7.29E-12	3.86E-04	7.15E-06	2.60E-04	1.28E-04	2.92E-07	9.20E-04	2.40E-02	0.00E+00	3.28E-11	4.31E-11	4.92E-06	1.48E-07	3.26E-03	0.00E+00	2.40E-02	6.52E-12	2.40E-02	2.73E-02	3.26E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
WH23625309Q	7.49E-06	3.16E-04	3.57E-06	2.63E-03	1.63E-13	0.00E+00	3.28E-02	3.32E-08	3.05E-06	2.14E-05	0.00E+00	2.48E-06	2.51E-10	7.29E-12	3.86E-04	7.15E-06	2.60E-04	1.28E-04	2.92E-07	9.20E-04	2.40E-02	0.00E+00	3.28E-11	4.31E-11	4.92E-06	1.48E-07	3.26E-03	0.00E+00	2.40E-02	6.52E-12	2.40E-02	2.73E-02	3.26E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
WH23625700Q	7.03E-06	2.96E-04	3.35E-06	2.47E-03	1.53E-13	0.00E+00	3.08E-02	3.11E-08	2.87E-06	2.01E-05	0.00E+00	2.33E-06	2.36E-10	6.84E-12	3.63E-04	6.71E-06	2.44E-04	1.21E-04	2.74E-07	8.64E-04	2.26E-02	0.00E+00	3.08E-11	4.05E-11	4.62E-06	1.39E-07	3.06E-03	0.00E+00	2.26E-02	6.12E-12	2.26E-02	2.56E-02	3.06E-03	0.00E+00	0.00E+00	0.00E+00	2.04E-04
WH23625704Q	7.03E-06	2.96E-04	3.35E-06	2.47E-03	1.53E-13	0.00E+00	3.08E-02	3.11E-08	2.87E-06	2.01E-05	0.00E+00	2.33E-06	2.36E-10	6.84E-12	3.63E-04	6.71E-06	2.44E-04	1.21E-04	2.74E-07	8.64E-04	2.26E-02	0.00E+00	3.08E-11	4.05E-11	4.62E-06	1.39E-07	3.06E-03	0.00E+00	2.26E-02	6.12E-12	2.26E-02	2.56E-02	3.06E-03	0.00E+00	0.00E+00	0.00E+00	2.04E-04
WH23628300Q	7.11E-06	3.00E-04	3.39E-06	2.49E-03	1.55E-13	0.00E+00	3.11E-02	3.15E-08	2.90E-06	2.04E-05	0.00E+00	2.35E-06	2.38E-10	6.91E-12	3.67E-04	6.79E-06	2.47E-04	1.22E-04	2.77E-07	8.73E-04	2.28E-02	0.00E+00	3.11E-11	4.09E-11	4.67E-06	1.41E-07	3.09E-03	0.00E+00	2.28E-02	6.19E-12	2.28E-02	2.59E-02	3.09E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
WH23628307Q	7.11E-06	3.00E-04	3.39E-06	2.49E-03	1.55E-13	0.00E+00	3.11E-02	3.15E-08	2.90E-06	2.04E-05	0.00E+00	2.35E-06	2.38E-10	6.91E-12	3.67E-04	6.79E-06	2.47E-04	1.22E-04	2.77E-07	8.73E-04	2.28E-02	0.00E+00	3.11E-11	4.09E-11	4.67E-06	1.41E-07	3.09E-03	0.00E+00	2.28E-02	6.19E-12	2.28E-02	2.59E-02	3.09E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
WH23640300Q	4.47E-05	1.98E-02	3.73E-03	1.61E-02	0.00E+00	0.00E+00	2.32E-01	2.20E-07	2.13E-05	1.33E-04	0.00E+00	3.92E-04	1.77E-09	5.18E-11	2.39E-03	4.29E-05	1.32E-03	0.00E+00	2.79E-05	6.59E-03	1.53E-01	0.00E+00	2.06E-10	2.67E-10	3.10E-05	7.91E-07	2.04E-02	0.00E+00	1.53E-01	3.74E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
WH23640303Q	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23640304Q	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23640305Q	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23640306Q	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23640307Q	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23640309Q	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23640700Q	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23640703Q	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23640704Q	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23640705Q	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23640707Q	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23640709Q	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH23643300Q	7.57E-06	3.19E-04	3.61E-06	2.66E-03	1.65E-13	0.00E+00	3.31E-02	3.35E-08	3.08E-06	2.17E-05	0.00E+00	2.50E-06	2.53E-10	7.36E-12	3.90E-04	7.22E-06	2.63E-04	1.30E-04	2.95E-07	9.30E-04	2.43E-02	0.00E+00	3.31E-11	4.35E-11	4.97E-06	1.50E-07	3.29E-03	0.00E+00	2.43E-02	6.59E-12	2.43E-02	2.76E-02	3.29E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04

WH23643304Q	7.57E-06	3.19E-04	3.61E-06	2.66E-03	1.65E-13	0.00E+00	3.31E-02	3.35E-08	3.08E-06	2.17E-05	0.00E+00	2.50E-06	2.53E-10	7.36E-12	3.90E-04	7.22E-06	2.63E-04	1.30E-04	2.95E-07	9.30E-04	2.43E-02	0.00E+00	3.31E-11	4.35E-11	4.97E-06	1.50E-07	3.29E-03	0.00E+00	2.43E-02	6.59E-12	2.43E-02	2.76E-02	3.29E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
WH23643305Q	7.57E-06	3.19E-04	3.61E-06	2.66E-03	1.65E-13	0.00E+00	3.31E-02	3.35E-08	3.08E-06	2.17E-05	0.00E+00	2.50E-06	2.53E-10	7.36E-12	3.90E-04	7.22E-06	2.63E-04	1.30E-04	2.95E-07	9.30E-04	2.43E-02	0.00E+00	3.31E-11	4.35E-11	4.97E-06	1.50E-07	3.29E-03	0.00E+00	2.43E-02	6.59E-12	2.43E-02	2.76E-02	3.29E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
WH23643309Q	7.57E-06	3.19E-04	3.61E-06	2.66E-03	1.65E-13	0.00E+00	3.31E-02	3.35E-08	3.08E-06	2.17E-05	0.00E+00	2.50E-06	2.53E-10	7.36E-12	3.90E-04	7.22E-06	2.63E-04	1.30E-04	2.95E-07	9.30E-04	2.43E-02	0.00E+00	3.31E-11	4.35E-11	4.97E-06	1.50E-07	3.29E-03	0.00E+00	2.43E-02	6.59E-12	2.43E-02	2.76E-02	3.29E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
WH23645300Q	4.47E-05	1.98E-02	3.73E-03	1.61E-02	0.00E+00	0.00E+00	2.32E-01	2.20E-07	2.13E-05	1.33E-04	0.00E+00	3.92E-04	1.77E-09	5.18E-11	2.39E-03	4.29E-05	1.32E-03	0.00E+00	2.79E-05	6.59E-03	1.53E-01	0.00E+00	2.06E-10	2.67E-10	3.10E-05	7.91E-07	2.04E-02	0.00E+00	1.53E-01	3.74E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
WH23645303Q	7.45E-06	3.14E-04	3.55E-06	2.62E-03	1.62E-13	0.00E+00	3.26E-02	3.30E-08	3.04E-06	2.13E-05	0.00E+00	2.47E-06	2.50E-10	7.25E-12	3.84E-04	7.11E-06	2.59E-04	1.28E-04	2.90E-07	9.16E-04	2.39E-02	0.00E+00	3.26E-11	4.29E-11	4.90E-06	1.48E-07	3.24E-03	0.00E+00	2.39E-02	6.49E-12	2.39E-02	2.71E-02	3.24E-03	0.00E+00	0.00E+00	0.00E+00	2.16E-04
WH23645304Q	7.45E-06	3.14E-04	3.55E-06	2.62E-03	1.62E-13	0.00E+00	3.26E-02	3.30E-08	3.04E-06	2.13E-05	0.00E+00	2.47E-06	2.50E-10	7.25E-12	3.84E-04	7.11E-06	2.59E-04	1.28E-04	2.90E-07	9.16E-04	2.39E-02	0.00E+00	3.26E-11	4.29E-11	4.90E-06	1.48E-07	3.24E-03	0.00E+00	2.39E-02	6.49E-12	2.39E-02	2.71E-02	3.24E-03	0.00E+00	0.00E+00	0.00E+00	2.16E-04
WH23645305Q	7.45E-06	3.14E-04	3.55E-06	2.62E-03	1.62E-13	0.00E+00	3.26E-02	3.30E-08	3.04E-06	2.13E-05	0.00E+00	2.47E-06	2.50E-10	7.25E-12	3.84E-04	7.11E-06	2.59E-04	1.28E-04	2.90E-07	9.16E-04	2.39E-02	0.00E+00	3.26E-11	4.29E-11	4.90E-06	1.48E-07	3.24E-03	0.00E+00	2.39E-02	6.49E-12	2.39E-02	2.71E-02	3.24E-03	0.00E+00	0.00E+00	0.00E+00	2.16E-04
WH23645306Q	2.93E-04	1.43E-01	2.61E-02	1.05E-01	1.16E-13	0.00E+00	1.47E+00	1.41E-06	1.36E-04	8.56E-04	0.00E+00	2.75E-03	1.13E-08	3.29E-10	1.56E-02	2.78E-04	9.06E-03	6.61E-04	2.02E-04	4.23E-02	9.83E-01	0.00E+00	1.33E-09	1.73E-09	2.00E-04	5.22E-06	1.31E-01	0.00E+00	9.83E-01	2.66E-09	9.83E-01	1.11E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	7.91E-03
WH23645309Q	7.45E-06	3.14E-04	3.55E-06	2.62E-03	1.62E-13	0.00E+00	3.26E-02	3.30E-08	3.04E-06	2.13E-05	0.00E+00	2.47E-06	2.50E-10	7.25E-12	3.84E-04	7.11E-06	2.59E-04	1.28E-04	2.90E-07	9.16E-04	2.39E-02	0.00E+00	3.26E-11	4.29E-11	4.90E-06	1.48E-07	3.24E-03	0.00E+00	2.39E-02	6.49E-12	2.39E-02	2.71E-02	3.24E-03	0.00E+00	0.00E+00	0.00E+00	2.16E-04
WH23645700Q	7.53E-06	3.17E-04	3.59E-06	2.64E-03	1.64E-13	0.00E+00	3.30E-02	3.33E-08	3.07E-06	2.16E-05	0.00E+00	2.49E-06	2.52E-10	7.32E-12	3.88E-04	7.19E-06	2.61E-04	1.29E-04	2.93E-07	9.25E-04	2.41E-02	0.00E+00	3.30E-11	4.33E-11	4.95E-06	1.49E-07	3.27E-03	0.00E+00	2.41E-02	6.56E-12	2.41E-02	2.74E-02	3.27E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04
WH23645703Q	7.53E-06	3.17E-04	3.59E-06	2.64E-03	1.64E-13	0.00E+00	3.30E-02	3.33E-08	3.07E-06	2.16E-05	0.00E+00	2.49E-06	2.52E-10	7.32E-12	3.88E-04	7.19E-06	2.61E-04	1.29E-04	2.93E-07	9.25E-04	2.41E-02	0.00E+00	3.30E-11	4.33E-11	4.95E-06	1.49E-07	3.27E-03	0.00E+00	2.41E-02	6.56E-12	2.41E-02	2.74E-02	3.27E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04
WH23648300Q	7.57E-06	3.19E-04	3.61E-06	2.66E-03	1.65E-13	0.00E+00	3.31E-02	3.35E-08	3.08E-06	2.17E-05	0.00E+00	2.50E-06	2.53E-10	7.36E-12	3.90E-04	7.22E-06	2.63E-04	1.30E-04	2.95E-07	9.30E-04	2.43E-02	0.00E+00	3.31E-11	4.35E-11	4.97E-06	1.50E-07	3.29E-03	0.00E+00	2.43E-02	6.59E-12	2.43E-02	2.76E-02	3.29E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
WH23750100Q	6.99E-06	2.95E-04	3.33E-06	2.45E-03	1.52E-13	0.00E+00	3.06E-02	3.10E-08	2.85E-06	2.00E-05	0.00E+00	2.31E-06	2.34E-10	6.80E-12	3.61E-04	6.68E-06	2.43E-04	1.20E-04	2.72E-07	8.59E-04	2.24E-02	0.00E+00	3.06E-11	4.02E-11	4.60E-06	1.39E-07	3.04E-03	0.00E+00	2.24E-02	6.09E-12	2.24E-02	2.55E-02	3.04E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-04
WH23750105Q	6.99E-06	2.95E-04	3.33E-06	2.45E-03	1.52E-13	0.00E+00	3.06E-02	3.10E-08	2.85E-06	2.00E-05	0.00E+00	2.31E-06	2.34E-10	6.80E-12	3.61E-04	6.68E-06	2.43E-04	1.20E-04	2.72E-07	8.59E-04	2.24E-02	0.00E+00	3.06E-11	4.02E-11	4.60E-06	1.39E-07	3.04E-03	0.00E+00	2.24E-02	6.09E-12	2.24E-02	2.55E-02	3.04E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-04
WH25580300C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH25580303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25580304C	3.94E-06	1.66E-04	1.88E-06	1.38E-03	8.60E-14	0.00E+00	1.72E-02	1.74E-08	1.60E-06	1.13E-05	0.00E+00	1.30E-06	1.32E-10	3.83E-12	2.03E-04	3.76E-06	1.37E-04	6.75E-05	1.53E-07	4.84E-04	1.26E-02	0.00E+00	1.72E-11	2.26E-11	2.59E-06	7.80E-08	1.71E-03	0.00E+00	1.26E-02	3.43E-12	1.26E-02	1.43E-02	1.71E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WH25580305C	3.94E-06	1.66E-04	1.88E-06	1.38E-03	8.60E-14	0.00E+00	1.72E-02	1.74E-08	1.60E-06	1.13E-05	0.00E+00	1.30E-06	1.32E-10	3.83E-12	2.03E-04	3.76E-06	1.37E-04	6.75E-05	1.53E-07	4.84E-04	1.26E-02	0.00E+00	1.72E-11	2.26E-11	2.59E-06	7.80E-08	1.71E-03	0.00E+00	1.26E-02	3.43E-12	1.26E-02	1.43E-02	1.71E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WH25580306C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25580307C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25580309C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25583300C	2.71E-06	1.14E-04	1.29E-06	9.52E-04	5.90E-14	0.00E+00	1.19E-02	1.20E-08	1.11E-06	7.77E-06	0.00E+00	8.98E-07	9.09E-11	2.64E-12	1.40E-04	2.59E-06	9.42E-05	4.65E-05	1.06E-07	3.33E-04	8.70E-03	0.00E+00	1.19E-11	1.56E-11	1.78E-06	5.38E-08	1.18E-03	0.00E+00	8.70E-03	2.36E-12	8.70E-03	9.88E-03	1.18E-03	0.00E+00	0.00E+00	0.00E+00	7.86E-05
WH25583303C	2.71E-06	1.14E-04	1.29E-06	9.52E-04	5.90E-14	0.00E+00	1.19E-02	1.20E-08	1.11E-06	7.77E-06	0.00E+00	8.98E-07	9.09E-11	2.64E-12	1.40E-04	2.59E-06	9.42E-05	4.65E-05	1.06E-07	3.33E-04	8.70E-03	0.00E+00	1.19E-11	1.56E-11	1.78E-06	5.38E-08	1.18E-03	0.00E+00	8.70E-03	2.36E-12	8.70E-03	9.88E-03	1.18E-03	0.00E+00	0.00E+00	0.00E+00	7.86E-05
WH25583304C	2.71E-06	1.14E-04	1.29E-06	9.52E-04	5.90E-14	0.00E+00	1.19E-02	1.20E-08	1.11E-06	7.77E-06	0.00E+00	8.98E-07	9.09E-11	2.64E-12	1.40E-04	2.59E-06	9.42E-05	4.65E-05	1.06E-07	3.33E-04	8.70E-03	0.00E+00	1.19E-11	1.56E-11	1.78E-06	5.38E-08	1.18E-03	0.00E+00	8.70E-03	2.36E-12	8.70E-03	9.88E-03	1.18E-03	0.00E+00	0.00E+00	0.00E+00	7.86E-05
WH25583305C	2.71E-06	1.14E-04	1.29E-06	9.52E-04	5.90E-14	0.00E+00	1.19E-02	1.20E-08	1.11E-06	7.77E-06	0.00E+00	8.98E-07	9.09E-11	2.64E-12	1.40E-04	2.59E-06	9.42E-05	4.65E-05	1.06E-07	3.33E-04	8.70E-03	0.00E+00	1.19E-11	1.56E-11	1.78E-06	5.38E-08	1.18E-03	0.00E+00	8.70E-03	2.36E-12	8.70E-03	9.88E-03	1.18E-03	0.00E+00	0.00E+00	0.00E+00	7.86E-05
WH25583306C	4.09E-04	2.04E-01	3.73E-02	1.46E-01	3.56E-13	0.00E+00	2.06E+00	1.98E-06	1.90E-04	1.20E-03	0.00E+00	3.93E-03	1.58E-08	4.62E-10	2.18E-02	3.88E-04	1.26E-02	7.94E-04	2.88E-04	5.93E-02	1.38E+00	0.00E+00	1.86E-09	2.42E-09	2.80E-04	7.28E-06	1.84E-01	0.00E+00	1.38E+00	3.80E-09	1.38E+00	1.56E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	1.11E-02
WH25585300C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH25585303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25585304C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25585305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25585306C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25585307C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25585309C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25585400C	3.94E-06	1.66E-04	1.88E-06	1.38E-03	8.60E-14	0.00E+00	1.72E-02	1.74E-08	1.60E-06	1.13E-05	0.00E+00	1.30E-06	1.32E-10	3.83E-12	2.03E-04	3.76E-06	1.37E-04	6.75E-05	1.53E-07	4.84E-04	1.26E-02	0.00E+00	1.72E-11	2.26E-11	2.59E-06	7.80E-08	1.71E-03	0.00E+00	1.26E-02	3.43E-12	1.26E-02	1.43E-02	1.71E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WH25585403C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25585405C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25585409C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25588300C	2.71E-06	1.14E-04	1.29E-06	9.52E-04	5.90E-14	0.00E+00	1.19E-02	1.20E-08	1.11E-06	7.77E-06	0.00E+00	8.98E-07	9.09E-11	2.64E-12	1.40E-04	2.59E-06	9.42E-05	4.65E-05	1.06E-07	3.33E-04	8.70E-03	0.00E+00	1.19E-11	1.56E-11	1.78E-06	5.38E-08	1.18E-03	0.00E+00	8.70E-03	2.36E-12	8.70E-03	9.88E-03	1.18E-03	0.00E+00	0.00E+00	0.00E+00	7.86E-05
WH25588304C	2.71E-06	1.14E-04	1.29E-06	9.52E-04	5.90E-14	0.00E+00	1.19E-02	1.20E-08	1.11E-06	7.77E-06	0.00E+00	8.98E-07	9.09E-11	2.64E-12	1.40E-04	2.59E-06	9.42E-05	4.65E-05	1.06E-07	3.33E-04	8.70E-03	0.00E+00	1.19E-11	1.56E-11	1.78E-06	5.38E-08	1.18E-03	0.00E+00	8.70E-03	2.36E-12	8.70E-03	9.88E-03	1.18E-03	0.00E+00	0.00E+00	0.00E+00	7.86E-05
WH25588305C	2.71E-06	1.14E-04	1.29E-06	9.52E-04	5.90E-14	0.00E+00	1.19E-02	1.20E-08	1.11E-06	7.77E-06	0.00E+00	8.98E-07	9.09E-11	2.64E-12	1.40E-04	2.59E-06	9.42E-05	4.65E-05	1.06E-07	3.33E-04	8.70E-03	0.00E+00	1.19E-11	1.56E-11	1.78E-06	5.38E-08	1.18E-03	0.00E+00	8.70E-03	2.36E-12	8.70E-03	9.88E-03	1.18E-03	0.00E+00	0.00E+00	0.00E+00	7.86E-05
WH25592200C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH25592203C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25592204C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25592205C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25592207C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25592209C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25593200C	1.21E-04	5.49E-02	9.94E-03	4.33E-02	1.68E-13	0.00E+00	6.03E-01	5.82E-07	5.57E-05	3.54E-04	0.00E+00	1.05E-03	4.61E-09	1.35E-10	6.45E-03	1.15E-04	3.79E-03	4.19E-04	7.72E-05	1.73E-02	4.06E-01	0.00E+00	5.49E-10	7.14E-10	8.25E-05	2.18E-06	5.43E-02	0.00E+00	4.06E-01	1.02E-09	4.06E-01	4.60E-01	5.43E-02	0.00E+00	0.00E+00	0.00E+00	3.30E-03
WH25593204C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH25593205C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH25593209C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH25595200C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH25595203C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25595204C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25595205C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25595206C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25595207C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25595209C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25596200C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH25596205C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH25596207C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH25596209C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH25620300C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH25620303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25620304C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25620307C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25620309C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25620700C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH25620703C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25620704C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25620705C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25620707C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25623300C	3.32E-06	1.40E-04	1.58E-06	1.17E-03	7.20E-14	0.00E+00	1.46E-02	1.47E-08	1.35E-06	9.52E-06	0.00E+00	1.10E-06	1.11E-10	3.23E-12	1.72E-04	3.17E-06	1.15E-04	5.70E-05	1.29E-07	4.09E-04	1.07E-02	0.00E+00	1.46E-11	1.91E-11	2.19E-06	6.59E-08	1.45E-03	0.00E+00	1.07E-02	2.90E-12	1.07E-02	1.21E-02	1.45E-03	0.00E+00	0.00E+00	0.00E+00	9.63E-05
WH25623305C	3.32E-06	1.40E-04	1.58E-06	1.17E-03	7.20E-14	0.00E+00	1.46E-02	1.47E-08	1.35E-06	9.52E-06	0.00E+00	1.10E-06	1.11E-10	3.23E-12	1.72E-04	3.17E-06	1.15E-04	5.70E-05	1.29E-07	4.09E-04	1.07E-02	0.00E+00	1.46E-11	1.91E-11	2.19E-06	6.59E-08	1.45E-03	0.00E+00	1.07E-02	2.90E-12	1.07E-02	1.21E-02	1.45E-03	0.00E+00	0.00E+00	0.00E+00	9.63E-05
WH25623306C	3.91E-04	1.95E-01	3.56E-02	1.40E-01	3.31E-13	0.00E+00	1.97E+00	1.89E-06	1.82E-04	1.14E-03	0.00E+00	3.75E-03	1.51E-08	4.41E-10	2.08E-02	3.70E-04	1.21E-02	7.63E-04	2.74E-04	5.66E-02	1.31E+00	0.00E+00	1.77E-09	2.30E-09	2.67E-04	6.95E-06	1.76E-01	0.00E+00	1.31E+00	3.62E-09	1.31E+00	1.49E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-02
WH25625300C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH25625303C	5.35E-05	2.54E-02	4.62E-03	1.91E-02	1.50E-14	0.00E+00	2.68E-01	2.58E-07	2.47E-05	1.56E-04	0.00E+00	4.88E-04	2.05E-09	5.99E-11	2.85E-03	5.07E-05	1.66E-03	1.45E-04	3.58E-05	7.69E-03	1.79E-01	0.00E+00	2.42E-10	3.15E-10	3.64E-05	9.56E-07	2.40E-02	0.00E+00	1.79E-01	4.73E-10	1.79E-01	2.03E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
WH25625304C	5.35E-05	2.54E-02	4.62E-03	1.91E-02	1.50E-14	0.00E+00	2.68E-01	2.58E-07	2.47E-05	1.56E-04	0.00E+00	4.88E-04	2.05E-09	5.99E-11	2.85E-03	5.07E-05	1.66E-03	1.45E-04	3.58E-05	7.69E-03	1.79E-01	0.00E+00	2.42E-10	3.15E-10	3.64E-05	9.56E-07	2.40E-02	0.00E+00	1.79E-01	4.73E-10	1.79E-01	2.03E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
WH25625305C	5.35E-05	2.54E-02	4.62E-03	1.91E-02	1.50E-14	0.00E+00	2.68E-01	2.58E-07	2.47E-05	1.56E-04	0.00E+00	4.88E-04	2.05E-09	5.99E-11	2.85E-03	5.07E-05	1.66E-03	1.45E-04	3.58E-05	7.69E-03	1.79E-01	0.00E+00	2.42E-10	3.15E-10	3.64E-05	9.56E-07	2.40E-02	0.00E+00	1.79E-01	4.73E-10	1.79E-01	2.03E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
WH25625306C	5.35E-05	2.54E-02	4.62E-03	1.91E-02	1.50E-14	0.00E+00	2.68E-01	2.58E-07	2.47E-05	1.56E-04	0.00E+00	4.88E-04	2.05E-09	5.99E-11	2.85E-03	5.07E-05	1.66E-03	1.45E-04	3.58E-05	7.69E-03	1.79E-01	0.00E+00	2.42E-10	3.15E-10	3.64E-05	9.56E-07	2.40E-02	0.00E+00	1.79E-01	4.73E-10	1.79E-01	2.03E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
WH25625307C	5.35E-05	2.54E-02	4.62E-03	1.91E-02	1.50E-14	0.00E+00	2.68E-01	2.58E-07	2.47E-05	1.56E-04	0.00E+00	4.88E-04	2.05E-09	5.99E-11	2.85E-03	5.07E-05	1.66E-03	1.45E-04	3.58E-05	7.69E-03	1.79E-01	0.00E+00	2.42E-10	3.15E-10	3.64E-05	9.56E-07	2.40E-02	0.00E+00	1.79E-01	4.73E-10	1.79E-01	2.03E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
WH25625309C	5.35E-05	2.54E-02	4.62E-03	1.91E-02	1.50E-14	0.00E+00	2.68E-01	2.58E-07	2.47E-05	1.56E-04	0.00E+00	4.88E-04	2.05E-09	5.99E-11	2.85E-03	5.07E-05	1.66E-03	1.45E-04	3.58E-05	7.69E-03	1.79E-01	0.00E+00	2.42E-10	3.15E-10	3.64E-05	9.56E-07	2.40E-02	0.00E+00	1.79E-01	4.73E-10	1.79E-01	2.03E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
WH25625700C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH25628300C	3.32E-06	1.40E-04	1.58E-06	1.17E-03	7.20E-14	0.00E+00	1.46E-02	1.47E-08	1.35E-06	9.52E-06	0.00E+00	1.10E-06	1.11E-10	3.23E-12	1.72E-04	3.17E-06	1.15E-04	5.70E-05	1.29E-07	4.09E-04	1.07E-02	0.00E+00	1.46E-11	1.91E-11	2.19E-06	6.59E-08	1.45E-03	0.00E+00	1.07E-02	2.90E-12	1.07E-02	1.21E-02	1.45E-03	0.00E+00	0.00E+00	0.00E+00	9.63E-05
WH25628306C	3.91E-04	1.95E-01	3.56E-02	1.40E-01	3.31E-13	0.00E+00	1.97E+00	1.89E-06	1.82E-04	1.14E-03	0.00E+00	3.75E-03	1.51E-08	4.41E-10	2.08E-02	3.70E-04	1.21E-02	7.63E-04	2.74E-04	5.66E-02	1.31E+00	0.00E+00	1.77E-09	2.30E-09	2.67E-04	6.95E-06	1.76E-01	0.00E+00	1.31E+00	3.62E-09	1.31E+00	1.49E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-02
WH25640300C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03

WH25640303C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH25640304C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH25640305C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH25640306C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25640307C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25640309C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25640700C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH25640703C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25640704C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25640705C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH25640707C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25640709C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25643300C	3.78E-06	1.60E-04	1.80E-06	1.33E-03	8.20E-14	0.00E+00	1.66E-02	1.67E-08	1.54E-06	1.08E-05	0.00E+00	1.25E-06	1.27E-10	3.68E-12	1.95E-04	3.61E-06	1.31E-04	6.48E-05	1.47E-07	4.65E-04	1.21E-02	0.00E+00	1.66E-11	2.18E-11	2.49E-06	7.50E-08	1.65E-03	0.00E+00	1.21E-02	3.30E-12	1.21E-02	1.38E-02	1.65E-03	0.00E+00	0.00E+00	0.00E+00	1.10E-04
WH25643303C	3.78E-06	1.60E-04	1.80E-06	1.33E-03	8.20E-14	0.00E+00	1.66E-02	1.67E-08	1.54E-06	1.08E-05	0.00E+00	1.25E-06	1.27E-10	3.68E-12	1.95E-04	3.61E-06	1.31E-04	6.48E-05	1.47E-07	4.65E-04	1.21E-02	0.00E+00	1.66E-11	2.18E-11	2.49E-06	7.50E-08	1.65E-03	0.00E+00	1.21E-02	3.30E-12	1.21E-02	1.38E-02	1.65E-03	0.00E+00	0.00E+00	0.00E+00	1.10E-04
WH25643305C	3.78E-06	1.60E-04	1.80E-06	1.33E-03	8.20E-14	0.00E+00	1.66E-02	1.67E-08	1.54E-06	1.08E-05	0.00E+00	1.25E-06	1.27E-10	3.68E-12	1.95E-04	3.61E-06	1.31E-04	6.48E-05	1.47E-07	4.65E-04	1.21E-02	0.00E+00	1.66E-11	2.18E-11	2.49E-06	7.50E-08	1.65E-03	0.00E+00	1.21E-02	3.30E-12	1.21E-02	1.38E-02	1.65E-03	0.00E+00	0.00E+00	0.00E+00	1.10E-04
WH25643306C	3.29E-04	1.63E-01	2.98E-02	1.18E-01	2.51E-13	0.00E+00	1.66E+00	1.59E-06	1.53E-04	9.63E-04	0.00E+00	3.14E-03	1.27E-08	3.71E-10	1.75E-02	3.12E-04	1.02E-02	6.62E-04	2.30E-04	4.76E-02	1.11E+00	0.00E+00	1.49E-09	1.94E-09	2.25E-04	5.85E-06	1.48E-01	0.00E+00	1.11E+00	3.04E-09	1.11E+00	1.25E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	8.88E-03
WH25645300C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH25645303C	3.67E-06	1.55E-04	1.75E-06	1.29E-03	8.00E-14	0.00E+00	1.61E-02	1.62E-08	1.50E-06	1.05E-05	0.00E+00	1.21E-06	1.23E-10	3.57E-12	1.89E-04	3.50E-06	1.27E-04	6.29E-05	1.43E-07	4.51E-04	1.18E-02	0.00E+00	1.61E-11	2.11E-11	2.41E-06	7.27E-08	1.60E-03	0.00E+00	1.18E-02	3.20E-12	1.18E-02	1.34E-02	1.60E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-04
WH25645304C	3.67E-06	1.55E-04	1.75E-06	1.29E-03	8.00E-14	0.00E+00	1.61E-02	1.62E-08	1.50E-06	1.05E-05	0.00E+00	1.21E-06	1.23E-10	3.57E-12	1.89E-04	3.50E-06	1.27E-04	6.29E-05	1.43E-07	4.51E-04	1.18E-02	0.00E+00	1.61E-11	2.11E-11	2.41E-06	7.27E-08	1.60E-03	0.00E+00	1.18E-02	3.20E-12	1.18E-02	1.34E-02	1.60E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-04
WH25645305C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH25645306C	3.67E-06	1.55E-04	1.75E-06	1.29E-03	8.00E-14	0.00E+00	1.61E-02	1.62E-08	1.50E-06	1.05E-05	0.00E+00	1.21E-06	1.23E-10	3.57E-12	1.89E-04	3.50E-06	1.27E-04	6.29E-05	1.43E-07	4.51E-04	1.18E-02	0.00E+00	1.61E-11	2.11E-11	2.41E-06	7.27E-08	1.60E-03	0.00E+00	1.18E-02	3.20E-12	1.18E-02	1.34E-02	1.60E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-04
WH25645307C	3.67E-06	1.55E-04	1.75E-06	1.29E-03	8.00E-14	0.00E+00	1.61E-02	1.62E-08	1.50E-06	1.05E-05	0.00E+00	1.21E-06	1.23E-10	3.57E-12	1.89E-04	3.50E-06	1.27E-04	6.29E-05	1.43E-07	4.51E-04	1.18E-02	0.00E+00	1.61E-11	2.11E-11	2.41E-06	7.27E-08	1.60E-03	0.00E+00	1.18E-02	3.20E-12	1.18E-02	1.34E-02	1.60E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-04
WH25645309C	3.67E-06	1.55E-04	1.75E-06	1.29E-03	8.00E-14	0.00E+00	1.61E-02	1.62E-08	1.50E-06	1.05E-05	0.00E+00	1.21E-06	1.23E-10	3.57E-12	1.89E-04	3.50E-06	1.27E-04	6.29E-05	1.43E-07	4.51E-04	1.18E-02	0.00E+00	1.61E-11	2.11E-11	2.41E-06	7.27E-08	1.60E-03	0.00E+00	1.18E-02	3.20E-12	1.18E-02	1.34E-02	1.60E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-04
WH25645700C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH25645705C	3.74E-06	1.58E-04	1.79E-06	1.31E-03	8.10E-14	0.00E+00	1.64E-02	1.66E-08	1.53E-06	1.07E-05	0.00E+00	1.24E-06	1.25E-10	3.64E-12	1.93E-04	3.58E-06	1.30E-04	6.42E-05	1.46E-07	4.60E-04	1.20E-02	0.00E+00	1.64E-11	2.15E-11	2.46E-06	7.42E-08	1.63E-03	0.00E+00	1.20E-02	3.26E-12	1.20E-02	1.36E-02	1.63E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-04
WH25645707C	3.74E-06	1.58E-04	1.79E-06	1.31E-03	8.10E-14	0.00E+00	1.64E-02	1.66E-08	1.53E-06	1.07E-05	0.00E+00	1.24E-06	1.25E-10	3.64E-12	1.93E-04	3.58E-06	1.30E-04	6.42E-05	1.46E-07	4.60E-04	1.20E-02	0.00E+00	1.64E-11	2.15E-11	2.46E-06	7.42E-08	1.63E-03	0.00E+00	1.20E-02	3.26E-12	1.20E-02	1.36E-02	1.63E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-04
WH25648305C	3.78E-06	1.60E-04	1.80E-06	1.33E-03	8.20E-14	0.00E+00	1.66E-02	1.67E-08	1.54E-06	1.08E-05	0.00E+00	1.25E-06	1.27E-10	3.68E-12	1.95E-04	3.61E-06	1.31E-04	6.48E-05	1.47E-07	4.65E-04	1.21E-02	0.00E+00	1.66E-11	2.18E-11	2.49E-06	7.50E-08	1.65E-03	0.00E+00	1.21E-02	3.30E-12	1.21E-02	1.38E-02	1.65E-03	0.00E+00	0.00E+00	0.00E+00	1.10E-04
WH25750100C	3.67E-06	1.55E-04	1.75E-06	1.29E-03	8.00E-14	0.00E+00	1.61E-02	1.62E-08	1.50E-06	1.05E-05	0.00E+00	1.21E-06	1.23E-10	3.57E-12	1.89E-04	3.50E-06	1.27E-04	6.29E-05	1.43E-07	4.51E-04	1.18E-02	0.00E+00	1.61E-11	2.11E-11	2.41E-06	7.27E-08	1.60E-03	0.00E+00	1.18E-02	3.20E-12	1.18E-02	1.34E-02	1.60E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-04
WH25750105C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25750205C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH25915600C	2.59E-05	1.15E-02	2.16E-03	9.33E-03	0.00E+00	0.00E+00	1.34E-01	1.28E-07	1.24E-05	7.69E-05	0.00E+00	2.27E-04	1.03E-09	3.00E-11	1.39E-03	2.49E-05	7.66E-04	0.00E+00	1.62E-05	3.82E-03	8.84E-02	0.00E+00	1.19E-10	1.55E-10	1.80E-05	4.58E-07	1.18E-02	0.00E+00	8.84E-02	2.17E-10	8.84E-02	1.00E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	6.95E-04
WH25915603C	2.06E-04	1.01E-01	1.84E-02	7.36E-02	9.10E-14	0.00E+00	1.04E+00	9.94E-07	9.54E-05	6.02E-04	0.00E+00	1.94E-03	7.92E-09	2.32E-10	1.10E-02	1.95E-04	6.37E-03	4.58E-04	1.42E-04	2.97E-02	6.91E-01	0.00E+00	9.34E-10	1.21E-09	1.40E-04	3.67E-06	9.25E-02	0.00E+00	6.91E-01	1.88E-09	6.91E-01	7.84E-01	9.25E-02	0.00E+00	0.00E+00	0.00E+00	5.56E-03
WH25915605C	2.06E-04	1.01E-01	1.84E-02	7.36E-02	9.10E-14	0.00E+00	1.04E+00	9.94E-07	9.54E-05	6.02E-04	0.00E+00	1.94E-03	7.92E-09	2.32E-10	1.10E-02	1.95E-04	6.37E-03	4.58E-04	1.42E-04	2.97E-02	6.91E-01	0.00E+00	9.34E-10	1.21E-09	1.40E-04	3.67E-06	9.25E-02	0.00E+00	6.91E-01	1.88E-09	6.91E-01	7.84E-01	9.25E-02	0.00E+00	0.00E+00	0.00E+00	5.56E-03
WH25915700C	2.42E-04	1.17E-01	2.14E-02	8.65E-02	5.00E-14	0.00E+00	1.21E+00	1.17E-06	1.12E-04	7.07E-04	0.00E+00	2.26E-03	9.29E-09	2.72E-10	1.29E-02	2.29E-04	7.49E-03	5.77E-04	1.65E-04	3.49E-02	8.12E-01	0.00E+00	1.10E-09	1.43E-09	1.65E-04	4.31E-06	1.09E-01	0.00E+00	8.12E-01	2.18E-09	8.12E-01	9.20E-01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	6.54E-03
WH25915800C	5.18E-05	2.30E-02	4.33E-03	1.87E-02	0.00E+00	0.00E+00	2.69E-01	2.55E-07	2.47E-05	1.54E-04	0.00E+00	4.54E-04	2.06E-09	6.01E-11	2.78E-03	4.97E-05	1.53E-03	0.00E+00	3.24E-05	7.64E-03	1.77E-01	0.00E+00	2.39E-10	3.09E-10	3.59E-05	9.17E-07	2.36E-02	0.00E+00	1.77E-01	4.34E-10	1.77E-01	2.00E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
WH25915803C	2.19E-04	1.08E-01	1.96E-02	7.84E-02	1.09E-13	0.00E+00	1.10E+00	1.06E-06	1.02E-04	6.42E-04	0.00E+00	2.07E-03	8.43E-09	2.47E-10	1.17E-02	2.08E-04	6.78E-03	4.80E-04	1.52E-04	3.17E-02	7.36E-01	0.00E+00	9.95E-10	1.29E-09	1.50E-04	3.91E-06	9.85E-02	0.00E+00	7.36E-01	2.00E-09	7.36E-01	8.35E-01	9.85E-02	0.00E+00	0.00E+00	0.00E+00	5.92E-03
WH25915804C	2.19E-04	1.08E-01	1.96E-02	7.84E-02	1.09E-13	0.00E+00	1.10E+00	1.06E-06	1.02E-04	6.42E-04	0.00E+00	2.07E-03	8.43E-09	2.47E-10	1.17E-02	2.08E-04	6.78E-03	4.80E-04	1.52E-04	3.17E-02	7.36E-01	0.00E+00	9.95E-10	1.29E-09	1.50E-04	3.91E-06	9.85E-02	0.00E+00	7.36E-01	2.00E-09	7.36E-01	8.35E-01	9.85E-02	0.00E+00	0.00E+00	0.00E+00	5.92E-03
WH25915805C	2.19E-04	1.08E-01	1.96E-02	7.84E-02	1.09E-13	0.00E+00	1.10E+00	1.06E-06	1.02E-04	6.42E-04	0.00E+00	2.07E-03	8.43E-09	2.47E-10	1.17E-02	2.08E-04	6.78E-03	4.80E-04	1.52E-04	3.17E-02	7.36E-01	0.00E+00	9.95E-10	1.29E-09	1.50E-04	3.91E-06	9.85E-02	0.00E+00	7.36E-01	2.00E-09	7.36E-01	8.35E-01	9.85E-02	0.00E+00	0.00E+00	0.00E+00	5.92E-03
WH25916200C	2.55E-04	1.24E-01	2.26E-02	9.13E-02	6.70E-14	0.00E+00	1.28E+00	1.23E-06	1.18E-04	7.47E-04	0.00E+00	2.39E-03	9.80E-09	2.87E-10	1.36E-02	2.42E-04	7.91E-03	5.99E-04	1.75E-04	3.68E-02	8.57E-01	0.00E+00	1.16E-09	1.50E-09	1.74E-04	4.55E-06	1.15E-01	0.00E+00	8.57E-01	2.31E-09	8.57E-01	9.71E-01	1.15E-01	0.00E+00	0.00E+00	0.00E+00	6.90E-03
WH25916203C	2.55E-04	1.24E-01	2.26E-02	9.13E-02	6.70E-14	0.00E+00	1.28E+00	1.23E-06	1.18E-04	7.47E-04	0.00E+00	2.39E-03	9.80E-09	2.87E-10	1.36E-02	2.42E-04	7.91E-03	5.99E-04	1.75E-04	3.68E-02	8.57E-01	0.00E+00	1.16E-09	1.50E-09	1.74E-04	4.55E-06	1.15E-01	0.00E+00	8.57E-01	2.31E-09	8.57E-01	9.71E-01	1.15E-01	0.00E+00	0.00E+00	0.00E+00	6.90E-03
WH25916205C	2.55E-04	1.24E-01	2.26E-02	9.13E-02	6.70E-14	0.00E+00	1.28E+00	1.23E-06	1.18E-04	7.47E-04	0.00E+00	2.39E-03	9.80E-09	2.87E-10	1.36E-02	2.42E-04	7.91E-03	5.99E-04	1.75E-04	3.68E-02	8.57E-01	0.00E+00	1.16E-09	1.50E-09	1.74E-04	4.55E-06	1.15E-01	0.00E+00	8.57E-01	2.31E-09	8.57E-01	9.71E-01	1.15E-01	0.00E+00	0.00E+00	0.00E+00	6.90E-03
WH25916300C	2.09E-04	1.02E-01	1.87E-02	7.46E-02	9.50E-14	0.00E+00	1.05E+00	1.01E-06	9.67E-05	6.10E-04	0.00E+00	1.97E-03	8.02E-09	2.35E-10	1.11E-02	1.98E-04	6.45E-03	4.63E-04	1.44E-04	3.01E-02	7.00E-01	0.00E+00	9.46E-10	1.23E-09	1.42E-04	3.72E-06	9.37E-02	0.00E+00	7.00E-01	1.90E-09	7.00E-01	7.94E-01	9.37E-02	0.00E+00	0.00E+00	0.00E+00	5.64E-03
WH25916304C	2.09E-04	1.02E-01	1.87E-02	7.46E-02	9.50E-14	0.00E+00	1.05E+00	1.01E-06	9.67E-05	6.10E-04	0.00E+00	1.97E-03	8.02E-09	2.35E-10	1.11E-02	1.98E-04	6.45E-03	4.63E-04	1.44E-04	3.01E-02	7.00E-01	0.00E+00	9.46E-10	1.23E-09	1.42E-04	3.72E-06	9.37E-02	0.00E+00	7.00E-01	1.90E-09	7.00E-01	7.94E-01	9.37E-02	0.00E+00	0.00E+00	0.00E+00	5.64E-03
WH25916305C	2.09E-04	1.02E-01	1.87E-02	7.46E-02	9.50E-14	0.00E+00	1.05E+00	1.01E-06	9.67E-05	6.10E-04	0.00E+00	1.97E-03	8.02E-09	2.35E-10	1.11E-02	1.98E-04	6.45E-03	4.63E-04	1.44E-04	3.01E-02	7.00E-01	0.00E+00	9.46E-10	1.23E-09	1.42E-04	3.72E-06	9.37E-02	0.00E+00	7.00E-01	1.90E-09	7.00E-01	7.94E-01	9.37E-02	0.00E+00	0.00E+00	0.00E+00	5.64E-03
WH25917000C	2.06E-04	1.01E-01	1.84E-02	7.36E-02	9.10E-14	0.00E+00	1.04E+00	9.94E-07	9.54E-05	6.02E-04	0.00E+00	1.94E-03	7.92E-09	2.32E-10	1.10E-02	1.95E-04	6.37E-03	4.58E-04	1.42E-04	2.97E-02	6.91E-01	0.00E+00	9.34E-10	1.21E-09	1.40E-04	3.67E-06	9.25E-02	0.00E+00	6.91E-01	1.88E-09	6.91E-01	7.84E-01	9.25E-02	0.00E+00	0.00E+00	0.00E+00	5.56E-03
WH25917003C	2.06E-04	1.01E-01	1.84E-02	7.36E-02	9.10E-14	0.00E+00	1.04E+00	9.94E-07	9.54E-05	6.02E-04	0.00E+00	1.94E-03	7.92E-09	2.32E-10	1.10E-02	1.95E-04	6.37E-03	4.58E-04	1.42E-04	2.97E-02	6.91E-01	0.00E+00	9.34E-10	1.21E-09	1.40E-04	3.67E-06	9.25E-02	0.00E+00	6.91E-01	1.88E-09	6.91E-01	7.84E-01	9.25E-02	0.00E+00	0.00E+00	0.00E+00	5.56E-03
WH25917004C	2.06E-04	1.01E-01	1.84E-02	7.36E-02	9.10E-14	0.00E+00	1.04E+00	9.94E-07	9.54E-05	6.02E-04	0.00E+00	1.94E-03	7.92E-09	2.32E-10	1.10E-02	1.95E-04	6.37E-03	4.58E-04	1.42E-04	2.97E-02	6.91E-01	0.00E+00	9.34E-10	1.21E-09	1.40E-04	3.67E-06	9.25E-02	0.00E+00	6.91E-01	1.88E-09	6.91E-01	7.84E-01	9.25E-02	0.00E+00	0.00E+00	0.00E+00	5.56E-03
WH25917700C	2.83E-04	1.36E-01	2.49E-02	1.01E-01	1.50E-14	0.00E+00	1.42E+00	1.37E-06	1.31E-04	8.28E-04	0.00E+00	2.62E-03	1.09E-08	3.18E-10	1.51E-02	2.68E-04	8.78E-03	7.04E-04	1.92E-04	4.08E-02	9.50E-01	0.00E+00	1.28E-09	1.67E-09	1.93E-04	5.06E-06	1.27E-01	0.00E+00	9.50E-01	2.54E-09	9.50E-01	1.08E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH25917705C	2.83E-04	1.36E-01	2.49E-02	1.01E-01	1.50E-14	0.00E+00	1.42E+00	1.37E-06	1.31E-04	8.28E-04	0.00E+00	2.62E-03	1.09E-08	3.18E-10	1.51E-02	2.68E-04	8.78E-03	7.04E-04	1.92E-04	4.08E-02	9.50E-01	0.00E+00	1.28E-09	1.67E-09	1.93E-04	5.06E-06	1.27E-01	0.00E+00	9.50E-01	2.54E-09	9.50E-01	1.08E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH25917803C	2.83E-04	1.36E-01	2.49E-02	1.01E-01	1.50E-14	0.00E+00	1.42E+00	1.37E-06	1.31E-04	8.28E-04	0.00E+00	2.62E-03	1.09E-08	3.18E-10	1.51E-02	2.68E-04	8.78E-03	7.04E-04	1.92E-04	4.08E-02	9.50E-01	0.00E+00	1.28E-09	1.67E-09	1.93E-04	5.06E-06	1.27E-01	0.00E+00	9.50E-01	2.54E-09	9.50E-01	1.08E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH25917804C	2.83E-04	1.36E-01	2.49E-02	1.01E-01	1.50E-14	0.00E+00	1.42E+00	1.37E-06	1.31E-04	8.28E-04	0.00E+00	2.62E-03	1.09E-08	3.18E-10	1.51E-02	2.68E-04	8.78E-03	7.04E-04	1.92E-04	4.08E-02	9.50E-01	0.00E+00	1.28E-09	1.67E-09	1.93E-04	5.06E-06	1.27E-01	0.00E+00	9.50E-01	2.54E-09	9.50E-01	1.08E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH25917805C	2.83E-04	1.36E-01	2.49E-02	1.01E-01	1.50E-14	0.00E+00	1.42E+00	1.37E-06	1.31E-04	8.28E-04	0.00E+00	2.62E-03	1.09E-08	3.18E-10	1.51E-02	2.68E-04	8.78E-03	7.04E-04	1.92E-04	4.08E-02	9.50E-01	0.00E+00	1.28E-09	1.67E-09	1.93E-04	5.06E-06	1.27E-01	0.00E+00	9.50E-01	2.54E-09	9.50E-01	1.08E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH26580300C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH26580303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26580304C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26580305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26580307C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26585300C	3.94E-06	1.66E-04	1.88E-06	1.38E-03	8.60E-14	0.00E+00	1.72E-02	1.74E-08	1.60E-06	1.13E-05	0.00E+00	1.30E-06	1.32E-10	3.83E-12	2.03E-04	3.76E-06	1.37E-04	6.75E-05	1.53E-07	4.84E-04	1.26E-02	0.00E+00	1.72E-11	2.26E-11	2.59E-06	7.80E-08	1.71E-03	0.00E+00	1.26E-02	3.43E-12	1.26E-02	1.43E-02	1.71E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WH26585303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26585304C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26585305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26585307C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26585400C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26585405C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26592200C	3.94E-06	1.66E-04	1.88E-06	1.38E-03	8.60E-14	0.00E+00	1.72E-02	1.74E-08	1.60E-06	1.13E-05	0.00E+00	1.30E-06	1.32E-10	3.83E-12	2.03E-04	3.76E-06	1.37E-04	6.75E-05	1.53E-07	4.84E-04	1.26E-02	0.00E+00	1.72E-11	2.26E-11	2.59E-06	7.80E-08	1.71E-03	0.00E+00	1.26E-02	3.43E-12	1.26E-02	1.43E-02	1.71E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WH26592205C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26593200C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH26595200C	3.94E-06	1.66E-04	1.88E-06	1.38E-03	8.60E-14	0.00E+00	1.72E-02	1.74E-08	1.60E-06	1.13E-05	0.00E+00	1.30E-06	1.32E-10	3.83E-12	2.03E-04	3.76E-06	1.37E-04	6.75E-05	1.53E-07	4.84E-04	1.26E-02	0.00E+00	1.72E-11	2.26E-11	2.59E-06	7.80E-08	1.71E-03	0.00E+00	1.26E-02	3.43E-12	1.26E-02	1.43E-02	1.71E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WH26595205C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26595207C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26596200C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH26596203C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH26596207C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH26620300C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26620303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26620304C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26620305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26620307C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26620309C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26620700C	3.63E-06	1.53E-04	1.73E-06	1.27E-03	7.90E-14	0.00E+00	1.59E-02	1.61E-08	1.48E-06	1.04E-05	0.00E+00	1.20E-06	1.22E-10	3.53E-12	1.87E-04	3.47E-06	1.26E-04	6.22E-05	1.41E-07	4.46E-04	1.16E-02	0.00E+00	1.59E-11	2.09E-11	2.39E-06	7.20E-08	1.58E-03	0.00E+00	1.16E-02	3.16E-12	1.16E-02	1.32E-02	1.58E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-04
WH26620704C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26620705C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26623305C	3.55E-06	1.50E-04	1.69E-06	1.25E-03	7.70E-14	0.00E+00	1.56E-02	1.57E-08	1.45E-06	1.02E-05	0.00E+00	1.18E-06	1.19E-10	3.46E-12	1.83E-04	3.39E-06	1.23E-04	6.09E-05	1.38E-07	4.37E-04	1.14E-02	0.00E+00	1.56E-11	2.04E-11	2.34E-06	7.05E-08	1.55E-03	0.00E+00	1.14E-02	3.10E-12	1.14E-02	1.29E-02	1.55E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-04
WH26625300C	3.63E-06	1.53E-04	1.73E-06	1.27E-03	7.90E-14	0.00E+00	1.59E-02	1.61E-08	1.48E-06	1.04E-05	0.00E+00	1.20E-06	1.22E-10	3.53E-12	1.87E-04	3.47E-06	1.26E-04	6.22E-05	1.41E-07	4.46E-04	1.16E-02	0.00E+00	1.59E-11	2.09E-11	2.39E-06	7.20E-08	1.58E-03	0.00E+00	1.16E-02	3.16E-12	1.16E-02	1.32E-02	1.58E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-04
WH26625303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05

WH26625304C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26625305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26625307C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26625700C	3.48E-06	1.47E-04	1.66E-06	1.22E-03	7.60E-14	0.00E+00	1.52E-02	1.54E-08	1.42E-06	9.96E-06	0.00E+00	1.15E-06	1.16E-10	3.38E-12	1.79E-04	3.32E-06	1.21E-04	5.96E-05	1.35E-07	4.27E-04	1.12E-02	0.00E+00	1.52E-11	2.00E-11	2.29E-06	6.89E-08	1.51E-03	0.00E+00	1.12E-02	3.03E-12	1.12E-02	1.27E-02	1.51E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-04
WH26625709C	3.48E-06	1.47E-04	1.66E-06	1.22E-03	7.60E-14	0.00E+00	1.52E-02	1.54E-08	1.42E-06	9.96E-06	0.00E+00	1.15E-06	1.16E-10	3.38E-12	1.79E-04	3.32E-06	1.21E-04	5.96E-05	1.35E-07	4.27E-04	1.12E-02	0.00E+00	1.52E-11	2.00E-11	2.29E-06	6.89E-08	1.51E-03	0.00E+00	1.12E-02	3.03E-12	1.12E-02	1.27E-02	1.51E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-04
WH26640300C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH26640700C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH26640703C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26640704C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26640705C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26640707C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26643305C	4.01E-06	1.69E-04	1.91E-06	1.41E-03	8.70E-14	0.00E+00	1.76E-02	1.78E-08	1.64E-06	1.15E-05	0.00E+00	1.33E-06	1.34E-10	3.90E-12	2.07E-04	3.83E-06	1.39E-04	6.88E-05	1.56E-07	4.93E-04	1.29E-02	0.00E+00	1.76E-11	2.31E-11	2.64E-06	7.96E-08	1.75E-03	0.00E+00	1.29E-02	3.49E-12	1.29E-02	1.46E-02	1.75E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04
WH26645300C	3.90E-06	1.64E-04	1.86E-06	1.37E-03	8.50E-14	0.00E+00	1.71E-02	1.73E-08	1.59E-06	1.12E-05	0.00E+00	1.29E-06	1.31E-10	3.79E-12	2.01E-04	3.72E-06	1.35E-04	6.68E-05	1.52E-07	4.79E-04	1.25E-02	0.00E+00	1.71E-11	2.24E-11	2.56E-06	7.73E-08	1.70E-03	0.00E+00	1.25E-02	3.40E-12	1.25E-02	1.42E-02	1.70E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-04
WH26645303C	3.90E-06	1.64E-04	1.86E-06	1.37E-03	8.50E-14	0.00E+00	1.71E-02	1.73E-08	1.59E-06	1.12E-05	0.00E+00	1.29E-06	1.31E-10	3.79E-12	2.01E-04	3.72E-06	1.35E-04	6.68E-05	1.52E-07	4.79E-04	1.25E-02	0.00E+00	1.71E-11	2.24E-11	2.56E-06	7.73E-08	1.70E-03	0.00E+00	1.25E-02	3.40E-12	1.25E-02	1.42E-02	1.70E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-04
WH26645304C	3.90E-06	1.64E-04	1.86E-06	1.37E-03	8.50E-14	0.00E+00	1.71E-02	1.73E-08	1.59E-06	1.12E-05	0.00E+00	1.29E-06	1.31E-10	3.79E-12	2.01E-04	3.72E-06	1.35E-04	6.68E-05	1.52E-07	4.79E-04	1.25E-02	0.00E+00	1.71E-11	2.24E-11	2.56E-06	7.73E-08	1.70E-03	0.00E+00	1.25E-02	3.40E-12	1.25E-02	1.42E-02	1.70E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-04
WH26645305C	3.90E-06	1.64E-04	1.86E-06	1.37E-03	8.50E-14	0.00E+00	1.71E-02	1.73E-08	1.59E-06	1.12E-05	0.00E+00	1.29E-06	1.31E-10	3.79E-12	2.01E-04	3.72E-06	1.35E-04	6.68E-05	1.52E-07	4.79E-04	1.25E-02	0.00E+00	1.71E-11	2.24E-11	2.56E-06	7.73E-08	1.70E-03	0.00E+00	1.25E-02	3.40E-12	1.25E-02	1.42E-02	1.70E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-04
WH26645307C	3.90E-06	1.64E-04	1.86E-06	1.37E-03	8.50E-14	0.00E+00	1.71E-02	1.73E-08	1.59E-06	1.12E-05	0.00E+00	1.29E-06	1.31E-10	3.79E-12	2.01E-04	3.72E-06	1.35E-04	6.68E-05	1.52E-07	4.79E-04	1.25E-02	0.00E+00	1.71E-11	2.24E-11	2.56E-06	7.73E-08	1.70E-03	0.00E+00	1.25E-02	3.40E-12	1.25E-02	1.42E-02	1.70E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-04
WH26645700C	3.97E-06	1.68E-04	1.89E-06	1.39E-03	8.60E-14	0.00E+00	1.74E-02	1.76E-08	1.62E-06	1.14E-05	0.00E+00	1.32E-06	1.33E-10	3.87E-12	2.05E-04	3.79E-06	1.38E-04	6.81E-05	1.55E-07	4.88E-04	1.27E-02	0.00E+00	1.74E-11	2.29E-11	2.61E-06	7.88E-08	1.73E-03	0.00E+00	1.27E-02	3.46E-12	1.27E-02	1.45E-02	1.73E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-04
WH26645704C	3.97E-06	1.68E-04	1.89E-06	1.39E-03	8.60E-14	0.00E+00	1.74E-02	1.76E-08	1.62E-06	1.14E-05	0.00E+00	1.32E-06	1.33E-10	3.87E-12	2.05E-04	3.79E-06	1.38E-04	6.81E-05	1.55E-07	4.88E-04	1.27E-02	0.00E+00	1.74E-11	2.29E-11	2.61E-06	7.88E-08	1.73E-03	0.00E+00	1.27E-02	3.46E-12	1.27E-02	1.45E-02	1.73E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-04
WH26750100C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH26915600C	2.06E-04	1.01E-01	1.84E-02	7.36E-02	9.10E-14	0.00E+00	1.04E+00	9.94E-07	9.54E-05	6.02E-04	0.00E+00	1.94E-03	7.92E-09	2.32E-10	1.10E-02	1.95E-04	6.37E-03	4.58E-04	1.42E-04	2.97E-02	6.91E-01	0.00E+00	9.34E-10	1.21E-09	1.40E-04	3.67E-06	9.25E-02	0.00E+00	6.91E-01	1.88E-09	6.91E-01	7.84E-01	9.25E-02	0.00E+00	0.00E+00	0.00E+00	5.56E-03
WH26915700C	2.42E-04	1.17E-01	2.14E-02	8.65E-02	5.00E-14	0.00E+00	1.21E+00	1.17E-06	1.12E-04	7.07E-04	0.00E+00	2.26E-03	9.29E-09	2.72E-10	1.29E-02	2.29E-04	7.49E-03	5.77E-04	1.65E-04	3.49E-02	8.12E-01	0.00E+00	1.10E-09	1.43E-09	1.65E-04	4.31E-06	1.09E-01	0.00E+00	8.12E-01	2.18E-09	8.12E-01	9.20E-01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	6.54E-03
WH26915800C	2.19E-04	1.08E-01	1.96E-02	7.84E-02	1.09E-13	0.00E+00	1.10E+00	1.06E-06	1.02E-04	6.42E-04	0.00E+00	2.07E-03	8.43E-09	2.47E-10	1.17E-02	2.08E-04	6.78E-03	4.80E-04	1.52E-04	3.17E-02	7.36E-01	0.00E+00	9.95E-10	1.29E-09	1.50E-04	3.91E-06	9.85E-02	0.00E+00	7.36E-01	2.00E-09	7.36E-01	8.35E-01	9.85E-02	0.00E+00	0.00E+00	0.00E+00	5.92E-03
WH26916300C	2.09E-04	1.02E-01	1.87E-02	7.46E-02	9.50E-14	0.00E+00	1.05E+00	1.01E-06	9.67E-05	6.10E-04	0.00E+00	1.97E-03	8.02E-09	2.35E-10	1.11E-02	1.98E-04	6.45E-03	4.63E-04	1.44E-04	3.01E-02	7.00E-01	0.00E+00	9.46E-10	1.23E-09	1.42E-04	3.72E-06	9.37E-02	0.00E+00	7.00E-01	1.90E-09	7.00E-01	7.94E-01	9.37E-02	0.00E+00	0.00E+00	0.00E+00	5.64E-03
WH26917000C	2.06E-04	1.01E-01	1.84E-02	7.36E-02	9.10E-14	0.00E+00	1.04E+00	9.94E-07	9.54E-05	6.02E-04	0.00E+00	1.94E-03	7.92E-09	2.32E-10	1.10E-02	1.95E-04	6.37E-03	4.58E-04	1.42E-04	2.97E-02	6.91E-01	0.00E+00	9.34E-10	1.21E-09	1.40E-04	3.67E-06	9.25E-02	0.00E+00	6.91E-01	1.88E-09	6.91E-01	7.84E-01	9.25E-02	0.00E+00	0.00E+00	0.00E+00	5.56E-03
WH26917805C	2.83E-04	1.36E-01	2.49E-02	1.01E-01	1.50E-14	0.00E+00	1.42E+00	1.37E-06	1.31E-04	8.28E-04	0.00E+00	2.62E-03	1.09E-08	3.18E-10	1.51E-02	2.68E-04	8.78E-03	7.04E-04	1.92E-04	4.08E-02	9.50E-01	0.00E+00	1.28E-09	1.67E-09	1.93E-04	5.06E-06	1.27E-01	0.00E+00	9.50E-01	2.54E-09	9.50E-01	1.08E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH27580300C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH27580303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27580304C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27580305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27580306C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27580307C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27580309C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27583305C	3.06E-06	1.29E-04	1.46E-06	1.07E-03	6.70E-14	0.00E+00	1.34E-02	1.35E-08	1.25E-06	8.75E-06	0.00E+00	1.01E-06	1.02E-10	2.97E-12	1.58E-04	2.92E-06	1.06E-04	5.24E-05	1.19E-07	3.76E-04	9.81E-03	0.00E+00	1.34E-11	1.76E-11	2.01E-06	6.06E-08	1.33E-03	0.00E+00	9.81E-03	2.66E-12	9.81E-03	1.11E-02	1.33E-03	0.00E+00	0.00E+00	0.00E+00	8.86E-05
WH27583306C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27583307C	3.06E-06	1.29E-04	1.46E-06	1.07E-03	6.70E-14	0.00E+00	1.34E-02	1.35E-08	1.25E-06	8.75E-06	0.00E+00	1.01E-06	1.02E-10	2.97E-12	1.58E-04	2.92E-06	1.06E-04	5.24E-05	1.19E-07	3.76E-04	9.81E-03	0.00E+00	1.34E-11	1.76E-11	2.01E-06	6.06E-08	1.33E-03	0.00E+00	9.81E-03	2.66E-12	9.81E-03	1.11E-02	1.33E-03	0.00E+00	0.00E+00	0.00E+00	8.86E-05
WH27585300C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH27585303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27585304C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27585305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27585306C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27585307C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27585309C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27585400C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27585405C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27588306C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27592200C	3.94E-06	1.66E-04	1.88E-06	1.38E-03	8.60E-14	0.00E+00	1.72E-02	1.74E-08	1.60E-06	1.13E-05	0.00E+00	1.30E-06	1.32E-10	3.83E-12	2.03E-04	3.76E-06	1.37E-04	6.75E-05	1.53E-07	4.84E-04	1.26E-02	0.00E+00	1.72E-11	2.26E-11	2.59E-06	7.80E-08	1.71E-03	0.00E+00	1.26E-02	3.43E-12	1.26E-02	1.43E-02	1.71E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WH27592203C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27592204C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27592205C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27592209C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27593200C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH27593203C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH27593204C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH27593205C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH27593206C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27595200C	3.94E-06	1.66E-04	1.88E-06	1.38E-03	8.60E-14	0.00E+00	1.72E-02	1.74E-08	1.60E-06	1.13E-05	0.00E+00	1.30E-06	1.32E-10	3.83E-12	2.03E-04	3.76E-06	1.37E-04	6.75E-05	1.53E-07	4.84E-04	1.26E-02	0.00E+00	1.72E-11	2.26E-11	2.59E-06	7.80E-08	1.71E-03	0.00E+00	1.26E-02	3.43E-12	1.26E-02	1.43E-02	1.71E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WH27595203C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27595204C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27595205C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27595207C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27596203C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH27596204C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH27596205C	2.03E-04	9.57E-02	1.74E-02	7.25E-02	8.90E-14	0.00E+00	1.01E+00	9.76E-07	9.36E-05	5.93E-04	0.00E+00	1.84E-03	7.76E-09	2.27E-10	1.08E-02	1.92E-04	6.31E-03	5.72E-04	1.35E-04	2.91E-02	6.80E-01	0.00E+00	9.19E-10	1.19E-09	1.38E-04	3.63E-06	9.10E-02	0.00E+00	6.80E-01	1.78E-09	6.80E-01	7.71E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
WH27596206C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27620300C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH27620303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27620304C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27620305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27620306C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27620307C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27620309C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27620700C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH27620703C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27620704C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27620705C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27623300C	3.67E-06	1.55E-04	1.75E-06	1.29E-03	8.00E-14	0.00E+00	1.61E-02	1.62E-08	1.50E-06	1.05E-05	0.00E+00	1.21E-06	1.23E-10	3.57E-12	1.89E-04	3.50E-06	1.27E-04	6.29E-05	1.43E-07	4.51E-04	1.18E-02	0.00E+00	1.61E-11	2.11E-11	2.41E-06	7.27E-08	1.60E-03	0.00E+00	1.18E-02	3.20E-12	1.18E-02	1.34E-02	1.60E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-04
WH27623303C	3.67E-06	1.55E-04	1.75E-06	1.29E-03	8.00E-14	0.00E+00	1.61E-02	1.62E-08	1.50E-06	1.05E-05	0.00E+00	1.21E-06	1.23E-10	3.57E-12	1.89E-04	3.50E-06	1.27E-04	6.29E-05	1.43E-07	4.51E-04	1.18E-02	0.00E+00	1.61E-11	2.11E-11	2.41E-06	7.27E-08	1.60E-03	0.00E+00	1.18E-02	3.20E-12	1.18E-02	1.34E-02	1.60E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-04
WH27623305C	3.67E-06	1.55E-04	1.75E-06	1.29E-03	8.00E-14	0.00E+00	1.61E-02	1.62E-08	1.50E-06	1.05E-05	0.00E+00	1.21E-06	1.23E-10	3.57E-12	1.89E-04	3.50E-06	1.27E-04	6.29E-05	1.43E-07	4.51E-04	1.18E-02	0.00E+00	1.61E-11	2.11E-11	2.41E-06	7.27E-08	1.60E-03	0.00E+00	1.18E-02	3.20E-12	1.18E-02	1.34E-02	1.60E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-04
WH27623306C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27625300C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH27625303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27625304C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27625305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27625306C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

WH27625307C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27625309C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27625700C	3.59E-06	1.51E-04	1.71E-06	1.26E-03	7.80E-14	0.00E+00	1.57E-02	1.59E-08	1.46E-06	1.03E-05	0.00E+00	1.19E-06	1.20E-10	3.49E-12	1.85E-04	3.43E-06	1.25E-04	6.16E-05	1.40E-07	4.41E-04	1.15E-02	0.00E+00	1.57E-11	2.07E-11	2.36E-06	7.12E-08	1.56E-03	0.00E+00	1.15E-02	3.13E-12	1.15E-02	1.31E-02	1.56E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-04
WH27625704C	3.59E-06	1.51E-04	1.71E-06	1.26E-03	7.80E-14	0.00E+00	1.57E-02	1.59E-08	1.46E-06	1.03E-05	0.00E+00	1.19E-06	1.20E-10	3.49E-12	1.85E-04	3.43E-06	1.25E-04	6.16E-05	1.40E-07	4.41E-04	1.15E-02	0.00E+00	1.57E-11	2.07E-11	2.36E-06	7.12E-08	1.56E-03	0.00E+00	1.15E-02	3.13E-12	1.15E-02	1.31E-02	1.56E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-04
WH27625705C	3.59E-06	1.51E-04	1.71E-06	1.26E-03	7.80E-14	0.00E+00	1.57E-02	1.59E-08	1.46E-06	1.03E-05	0.00E+00	1.19E-06	1.20E-10	3.49E-12	1.85E-04	3.43E-06	1.25E-04	6.16E-05	1.40E-07	4.41E-04	1.15E-02	0.00E+00	1.57E-11	2.07E-11	2.36E-06	7.12E-08	1.56E-03	0.00E+00	1.15E-02	3.13E-12	1.15E-02	1.31E-02	1.56E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-04
WH27628306C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27640300C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH27640303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27640304C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27640305C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH27640306C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27640307C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27640309C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27640700C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH27640703C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27640704C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27640705C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27640707C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27640709C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27643300C	4.13E-06	1.74E-04	1.97E-06	1.45E-03	9.00E-14	0.00E+00	1.81E-02	1.83E-08	1.68E-06	1.18E-05	0.00E+00	1.37E-06	1.38E-10	4.02E-12	2.13E-04	3.94E-06	1.43E-04	7.07E-05	1.61E-07	5.07E-04	1.32E-02	0.00E+00	1.81E-11	2.37E-11	2.71E-06	8.18E-08	1.80E-03	0.00E+00	1.32E-02	3.59E-12	1.32E-02	1.50E-02	1.80E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-04
WH27643304C	4.13E-06	1.74E-04	1.97E-06	1.45E-03	9.00E-14	0.00E+00	1.81E-02	1.83E-08	1.68E-06	1.18E-05	0.00E+00	1.37E-06	1.38E-10	4.02E-12	2.13E-04	3.94E-06	1.43E-04	7.07E-05	1.61E-07	5.07E-04	1.32E-02	0.00E+00	1.81E-11	2.37E-11	2.71E-06	8.18E-08	1.80E-03	0.00E+00	1.32E-02	3.59E-12	1.32E-02	1.50E-02	1.80E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-04
WH27643305C	4.13E-06	1.74E-04	1.97E-06	1.45E-03	9.00E-14	0.00E+00	1.81E-02	1.83E-08	1.68E-06	1.18E-05	0.00E+00	1.37E-06	1.38E-10	4.02E-12	2.13E-04	3.94E-06	1.43E-04	7.07E-05	1.61E-07	5.07E-04	1.32E-02	0.00E+00	1.81E-11	2.37E-11	2.71E-06	8.18E-08	1.80E-03	0.00E+00	1.32E-02	3.59E-12	1.32E-02	1.50E-02	1.80E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-04
WH27643306C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27645300C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27645303C	4.01E-06	1.69E-04	1.91E-06	1.41E-03	8.70E-14	0.00E+00	1.76E-02	1.78E-08	1.64E-06	1.15E-05	0.00E+00	1.33E-06	1.34E-10	3.90E-12	2.07E-04	3.83E-06	1.39E-04	6.88E-05	1.56E-07	4.93E-04	1.29E-02	0.00E+00	1.76E-11	2.31E-11	2.64E-06	7.96E-08	1.75E-03	0.00E+00	1.29E-02	3.49E-12	1.29E-02	1.46E-02	1.75E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04
WH27645304C	4.01E-06	1.69E-04	1.91E-06	1.41E-03	8.70E-14	0.00E+00	1.76E-02	1.78E-08	1.64E-06	1.15E-05	0.00E+00	1.33E-06	1.34E-10	3.90E-12	2.07E-04	3.83E-06	1.39E-04	6.88E-05	1.56E-07	4.93E-04	1.29E-02	0.00E+00	1.76E-11	2.31E-11	2.64E-06	7.96E-08	1.75E-03	0.00E+00	1.29E-02	3.49E-12	1.29E-02	1.46E-02	1.75E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04
WH27645305C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27645306C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27645307C	4.01E-06	1.69E-04	1.91E-06	1.41E-03	8.70E-14	0.00E+00	1.76E-02	1.78E-08	1.64E-06	1.15E-05	0.00E+00	1.33E-06	1.34E-10	3.90E-12	2.07E-04	3.83E-06	1.39E-04	6.88E-05	1.56E-07	4.93E-04	1.29E-02	0.00E+00	1.76E-11	2.31E-11	2.64E-06	7.96E-08	1.75E-03	0.00E+00	1.29E-02	3.49E-12	1.29E-02	1.46E-02	1.75E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04
WH27645309C	4.01E-06	1.69E-04	1.91E-06	1.41E-03	8.70E-14	0.00E+00	1.76E-02	1.78E-08	1.64E-06	1.15E-05	0.00E+00	1.33E-06	1.34E-10	3.90E-12	2.07E-04	3.83E-06	1.39E-04	6.88E-05	1.56E-07	4.93E-04	1.29E-02	0.00E+00	1.76E-11	2.31E-11	2.64E-06	7.96E-08	1.75E-03	0.00E+00	1.29E-02	3.49E-12	1.29E-02	1.46E-02	1.75E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04
WH27645700C	4.09E-06	1.72E-04	1.95E-06	1.44E-03	8.90E-14	0.00E+00	1.79E-02	1.81E-08	1.67E-06	1.17E-05	0.00E+00	1.35E-06	1.37E-10	3.98E-12	2.11E-04	3.90E-06	1.42E-04	7.01E-05	1.59E-07	5.02E-04	1.31E-02	0.00E+00	1.79E-11	2.35E-11	2.69E-06	8.11E-08	1.78E-03	0.00E+00	1.31E-02	3.56E-12	1.31E-02	1.49E-02	1.78E-03	0.00E+00	0.00E+00	0.00E+00	1.18E-04
WH27645705C	4.09E-06	1.72E-04	1.95E-06	1.44E-03	8.90E-14	0.00E+00	1.79E-02	1.81E-08	1.67E-06	1.17E-05	0.00E+00	1.35E-06	1.37E-10	3.98E-12	2.11E-04	3.90E-06	1.42E-04	7.01E-05	1.59E-07	5.02E-04	1.31E-02	0.00E+00	1.79E-11	2.35E-11	2.69E-06	8.11E-08	1.78E-03	0.00E+00	1.31E-02	3.56E-12	1.31E-02	1.49E-02	1.78E-03	0.00E+00	0.00E+00	0.00E+00	1.18E-04
WH27648300C	4.13E-06	1.74E-04	1.97E-06	1.45E-03	9.00E-14	0.00E+00	1.81E-02	1.83E-08	1.68E-06	1.18E-05	0.00E+00	1.37E-06	1.38E-10	4.02E-12	2.13E-04	3.94E-06	1.43E-04	7.07E-05	1.61E-07	5.07E-04	1.32E-02	0.00E+00	1.81E-11	2.37E-11	2.71E-06	8.18E-08	1.80E-03	0.00E+00	1.32E-02	3.59E-12	1.32E-02	1.50E-02	1.80E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-04
WH27648304C	4.13E-06	1.74E-04	1.97E-06	1.45E-03	9.00E-14	0.00E+00	1.81E-02	1.83E-08	1.68E-06	1.18E-05	0.00E+00	1.37E-06	1.38E-10	4.02E-12	2.13E-04	3.94E-06	1.43E-04	7.07E-05	1.61E-07	5.07E-04	1.32E-02	0.00E+00	1.81E-11	2.37E-11	2.71E-06	8.18E-08	1.80E-03	0.00E+00	1.32E-02	3.59E-12	1.32E-02	1.50E-02	1.80E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-04
WH27648306C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27750100C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27750105C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27750205C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH27915600C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH27915605C	2.06E-04	1.01E-01	1.84E-02	7.36E-02	9.10E-14	0.00E+00	1.04E+00	9.94E-07	9.54E-05	6.02E-04	0.00E+00	1.94E-03	7.92E-09	2.32E-10	1.10E-02	1.95E-04	6.37E-03	4.58E-04	1.42E-04	2.97E-02	6.91E-01	0.00E+00	9.34E-10	1.21E-09	1.40E-04	3.67E-06	9.25E-02	0.00E+00	6.91E-01	1.88E-09	6.91E-01	7.84E-01	9.25E-02	0.00E+00	0.00E+00	0.00E+00	5.56E-03
WH27915700C	2.42E-04	1.17E-01	2.14E-02	8.65E-02	5.00E-14	0.00E+00	1.21E+00	1.17E-06	1.12E-04	7.07E-04	0.00E+00	2.26E-03	9.29E-09	2.72E-10	1.29E-02	2.29E-04	7.49E-03	5.77E-04	1.65E-04	3.49E-02	8.12E-01	0.00E+00	1.10E-09	1.43E-09	1.65E-04	4.31E-06	1.09E-01	0.00E+00	8.12E-01	2.18E-09	8.12E-01	9.20E-01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	6.54E-03
WH27915705C	2.42E-04	1.17E-01	2.14E-02	8.65E-02	5.00E-14	0.00E+00	1.21E+00	1.17E-06	1.12E-04	7.07E-04	0.00E+00	2.26E-03	9.29E-09	2.72E-10	1.29E-02	2.29E-04	7.49E-03	5.77E-04	1.65E-04	3.49E-02	8.12E-01	0.00E+00	1.10E-09	1.43E-09	1.65E-04	4.31E-06	1.09E-01	0.00E+00	8.12E-01	2.18E-09	8.12E-01	9.20E-01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	6.54E-03
WH27915800C	2.19E-04	1.08E-01	1.96E-02	7.84E-02	1.09E-13	0.00E+00	1.10E+00	1.06E-06	1.02E-04	6.42E-04	0.00E+00	2.07E-03	8.43E-09	2.47E-10	1.17E-02	2.08E-04	6.78E-03	4.80E-04	1.52E-04	3.17E-02	7.36E-01	0.00E+00	9.95E-10	1.29E-09	1.50E-04	3.91E-06	9.85E-02	0.00E+00	7.36E-01	2.00E-09	7.36E-01	8.35E-01	9.85E-02	0.00E+00	0.00E+00	0.00E+00	5.92E-03
WH27915805C	2.19E-04	1.08E-01	1.96E-02	7.84E-02	1.09E-13	0.00E+00	1.10E+00	1.06E-06	1.02E-04	6.42E-04	0.00E+00	2.07E-03	8.43E-09	2.47E-10	1.17E-02	2.08E-04	6.78E-03	4.80E-04	1.52E-04	3.17E-02	7.36E-01	0.00E+00	9.95E-10	1.29E-09	1.50E-04	3.91E-06	9.85E-02	0.00E+00	7.36E-01	2.00E-09	7.36E-01	8.35E-01	9.85E-02	0.00E+00	0.00E+00	0.00E+00	5.92E-03
WH27916200C	2.55E-04	1.24E-01	2.26E-02	9.13E-02	6.70E-14	0.00E+00	1.28E+00	1.23E-06	1.18E-04	7.47E-04	0.00E+00	2.39E-03	9.80E-09	2.87E-10	1.36E-02	2.42E-04	7.91E-03	5.99E-04	1.75E-04	3.68E-02	8.57E-01	0.00E+00	1.16E-09	1.50E-09	1.74E-04	4.55E-06	1.15E-01	0.00E+00	8.57E-01	2.31E-09	8.57E-01	9.71E-01	1.15E-01	0.00E+00	0.00E+00	0.00E+00	6.90E-03
WH27916205C	2.55E-04	1.24E-01	2.26E-02	9.13E-02	6.70E-14	0.00E+00	1.28E+00	1.23E-06	1.18E-04	7.47E-04	0.00E+00	2.39E-03	9.80E-09	2.87E-10	1.36E-02	2.42E-04	7.91E-03	5.99E-04	1.75E-04	3.68E-02	8.57E-01	0.00E+00	1.16E-09	1.50E-09	1.74E-04	4.55E-06	1.15E-01	0.00E+00	8.57E-01	2.31E-09	8.57E-01	9.71E-01	1.15E-01	0.00E+00	0.00E+00	0.00E+00	6.90E-03
WH27916300C	2.09E-04	1.02E-01	1.87E-02	7.46E-02	9.50E-14	0.00E+00	1.05E+00	1.01E-06	9.67E-05	6.10E-04	0.00E+00	1.97E-03	8.02E-09	2.35E-10	1.11E-02	1.98E-04	6.45E-03	4.63E-04	1.44E-04	3.01E-02	7.00E-01	0.00E+00	9.46E-10	1.23E-09	1.42E-04	3.72E-06	9.37E-02	0.00E+00	7.00E-01	1.90E-09	7.00E-01	7.94E-01	9.37E-02	0.00E+00	0.00E+00	0.00E+00	5.64E-03
WH27916304C	2.09E-04	1.02E-01	1.87E-02	7.46E-02	9.50E-14	0.00E+00	1.05E+00	1.01E-06	9.67E-05	6.10E-04	0.00E+00	1.97E-03	8.02E-09	2.35E-10	1.11E-02	1.98E-04	6.45E-03	4.63E-04	1.44E-04	3.01E-02	7.00E-01	0.00E+00	9.46E-10	1.23E-09	1.42E-04	3.72E-06	9.37E-02	0.00E+00	7.00E-01	1.90E-09	7.00E-01	7.94E-01	9.37E-02	0.00E+00	0.00E+00	0.00E+00	5.64E-03
WH27916305C	2.09E-04	1.02E-01	1.87E-02	7.46E-02	9.50E-14	0.00E+00	1.05E+00	1.01E-06	9.67E-05	6.10E-04	0.00E+00	1.97E-03	8.02E-09	2.35E-10	1.11E-02	1.98E-04	6.45E-03	4.63E-04	1.44E-04	3.01E-02	7.00E-01	0.00E+00	9.46E-10	1.23E-09	1.42E-04	3.72E-06	9.37E-02	0.00E+00	7.00E-01	1.90E-09	7.00E-01	7.94E-01	9.37E-02	0.00E+00	0.00E+00	0.00E+00	5.64E-03
WH27917000C	2.06E-04	1.01E-01	1.84E-02	7.36E-02	9.10E-14	0.00E+00	1.04E+00	9.94E-07	9.54E-05	6.02E-04	0.00E+00	1.94E-03	7.92E-09	2.32E-10	1.10E-02	1.95E-04	6.37E-03	4.58E-04	1.42E-04	2.97E-02	6.91E-01	0.00E+00	9.34E-10	1.21E-09	1.40E-04	3.67E-06	9.25E-02	0.00E+00	6.91E-01	1.88E-09	6.91E-01	7.84E-01	9.25E-02	0.00E+00	0.00E+00	0.00E+00	5.56E-03
WH27917003C	2.06E-04	1.01E-01	1.84E-02	7.36E-02	9.10E-14	0.00E+00	1.04E+00	9.94E-07	9.54E-05	6.02E-04	0.00E+00	1.94E-03	7.92E-09	2.32E-10	1.10E-02	1.95E-04	6.37E-03	4.58E-04	1.42E-04	2.97E-02	6.91E-01	0.00E+00	9.34E-10	1.21E-09	1.40E-04	3.67E-06	9.25E-02	0.00E+00	6.91E-01	1.88E-09	6.91E-01	7.84E-01	9.25E-02	0.00E+00	0.00E+00	0.00E+00	5.56E-03
WH27917005C	2.06E-04	1.01E-01	1.84E-02	7.36E-02	9.10E-14	0.00E+00	1.04E+00	9.94E-07	9.54E-05	6.02E-04	0.00E+00	1.94E-03	7.92E-09	2.32E-10	1.10E-02	1.95E-04	6.37E-03	4.58E-04	1.42E-04	2.97E-02	6.91E-01	0.00E+00	9.34E-10	1.21E-09	1.40E-04	3.67E-06	9.25E-02	0.00E+00	6.91E-01	1.88E-09	6.91E-01	7.84E-01	9.25E-02	0.00E+00	0.00E+00	0.00E+00	5.56E-03
WH27917700C	2.83E-04	1.36E-01	2.49E-02	1.01E-01	1.50E-14	0.00E+00	1.42E+00	1.37E-06	1.31E-04	8.28E-04	0.00E+00	2.62E-03	1.09E-08	3.18E-10	1.51E-02	2.68E-04	8.78E-03	7.04E-04	1.92E-04	4.08E-02	9.50E-01	0.00E+00	1.28E-09	1.67E-09	1.93E-04	5.06E-06	1.27E-01	0.00E+00	9.50E-01	2.54E-09	9.50E-01	1.08E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH27917705C	2.83E-04	1.36E-01	2.49E-02	1.01E-01	1.50E-14	0.00E+00	1.42E+00	1.37E-06	1.31E-04	8.28E-04	0.00E+00	2.62E-03	1.09E-08	3.18E-10	1.51E-02	2.68E-04	8.78E-03	7.04E-04	1.92E-04	4.08E-02	9.50E-01	0.00E+00	1.28E-09	1.67E-09	1.93E-04	5.06E-06	1.27E-01	0.00E+00	9.50E-01	2.54E-09	9.50E-01	1.08E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH27918000C	2.83E-04	1.36E-01	2.49E-02	1.01E-01	1.50E-14	0.00E+00	1.42E+00	1.37E-06	1.31E-04	8.28E-04	0.00E+00	2.62E-03	1.09E-08	3.18E-10	1.51E-02	2.68E-04	8.78E-03	7.04E-04	1.92E-04	4.08E-02	9.50E-01	0.00E+00	1.28E-09	1.67E-09	1.93E-04	5.06E-06	1.27E-01	0.00E+00	9.50E-01	2.54E-09	9.50E-01	1.08E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH27917804C	2.83E-04	1.36E-01	2.49E-02	1.01E-01	1.50E-14	0.00E+00	1.42E+00	1.37E-06	1.31E-04	8.28E-04	0.00E+00	2.62E-03	1.09E-08	3.18E-10	1.51E-02	2.68E-04	8.78E-03	7.04E-04	1.92E-04	4.08E-02	9.50E-01	0.00E+00	1.28E-09	1.67E-09	1.93E-04	5.06E-06	1.27E-01	0.00E+00	9.50E-01	2.54E-09	9.50E-01	1.08E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH27917805C	2.83E-04	1.36E-01	2.49E-02	1.01E-01	1.50E-14	0.00E+00	1.42E+00	1.37E-06	1.31E-04	8.28E-04	0.00E+00	2.62E-03	1.09E-08	3.18E-10	1.51E-02	2.68E-04	8.78E-03	7.04E-04	1.92E-04	4.08E-02	9.50E-01	0.00E+00	1.28E-09	1.67E-09	1.93E-04	5.06E-06	1.27E-01	0.00E+00	9.50E-01	2.54E-09	9.50E-01	1.08E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH3358025F	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36580300A	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36580300C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36580300Q	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH36580303A	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36580303C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36580303Q	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH36580305A	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36580305C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36580305Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36580349A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36580349C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36580349Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36582300A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36582300C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36582300Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36582303A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36582303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36582303Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36582305A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36582305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36582305Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36582349C	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH36583300A	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH36583300C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH36583300Q	1.54E-04	7.37E-02	1.34E-02	5.50E-02	1.50E-14	0.00E+00	7.72E-01	7.42E-07	7.12E-05	4.50E-04	0.00E+00	1.42E-03	5.90E-09	1.73E-10	8.20E-03	1.46E-04	4.78E-03	3.99E-04	1.04E-04	2.22E-02	5.16E-01	0.00E+00	6.98E-10	9.07E-10	1.05E-04	2.75E-06	6.91E-02	0.00E+00	5.16E-01	1.37E-09	5.16E-01	5.86E-01	6.91E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-03
WH36583303A	3.14E-05	1.38E-02	2.49E-03	1.12E-02	6.50E-14	0.00E+00	1.55E-01	1.50E-07	1.43E-05	9.16E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.67E-03	2.98E-05	9.84E-04	1.23E-04	1.93E-05	4.46E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.66E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04
WH36583303C	3.14E-05	1.38E-02	2.49E-03	1.12E-02	6.50E-14	0.00E+00	1.55E-01	1.50E-07	1.43E-05	9.16E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.67E-03	2.98E-05	9.84E-04	1.23E-04	1.93E-05	4.46E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.66E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04

WH36583303Q	3.44E-05	1.39E-02	2.48E-03	1.23E-02	1.32E-13	0.00E+00	1.69E-01	1.64E-07	1.56E-05	1.00E-04	0.00E+00	2.64E-04	1.29E-09	3.77E-11	1.82E-03	3.27E-05	1.09E-03	1.75E-04	1.94E-05	4.83E-03	1.15E-01	0.00E+00	1.55E-10	2.02E-10	2.33E-05	6.27E-07	1.54E-02	0.00E+00	1.15E-01	2.59E-10	1.15E-01	1.30E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04
WH36583305A	3.14E-05	1.38E-02	2.49E-03	1.12E-02	6.50E-14	0.00E+00	1.55E-01	1.50E-07	1.43E-05	9.16E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.67E-03	2.98E-05	9.84E-04	1.23E-04	1.93E-05	4.46E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.66E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04
WH36583305C	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH36583305Q	1.54E-04	7.37E-02	1.34E-02	5.50E-02	1.50E-14	0.00E+00	7.72E-01	7.42E-07	7.12E-05	4.50E-04	0.00E+00	1.42E-03	5.90E-09	1.73E-10	8.20E-03	1.46E-04	4.78E-03	3.99E-04	1.04E-04	2.22E-02	5.16E-01	0.00E+00	6.98E-10	9.07E-10	1.05E-04	2.75E-06	6.91E-02	0.00E+00	5.16E-01	1.37E-09	5.16E-01	5.86E-01	6.91E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-03
WH36583349A	3.14E-05	1.38E-02	2.49E-03	1.12E-02	6.50E-14	0.00E+00	1.55E-01	1.50E-07	1.43E-05	9.16E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.67E-03	2.98E-05	9.84E-04	1.23E-04	1.93E-05	4.46E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.66E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04
WH36583349C	3.14E-05	1.38E-02	2.49E-03	1.12E-02	6.50E-14	0.00E+00	1.55E-01	1.50E-07	1.43E-05	9.16E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.67E-03	2.98E-05	9.84E-04	1.23E-04	1.93E-05	4.46E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.66E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04
WH36583349Q	3.44E-05	1.39E-02	2.48E-03	1.23E-02	1.32E-13	0.00E+00	1.69E-01	1.64E-07	1.56E-05	1.00E-04	0.00E+00	2.64E-04	1.29E-09	3.77E-11	1.82E-03	3.27E-05	1.09E-03	1.75E-04	1.94E-05	4.83E-03	1.15E-01	0.00E+00	1.55E-10	2.02E-10	2.33E-05	6.27E-07	1.54E-02	0.00E+00	1.15E-01	2.59E-10	1.15E-01	1.30E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04
WH36583400A	3.16E-05	1.38E-02	2.49E-03	1.13E-02	6.90E-14	0.00E+00	1.56E-01	1.51E-07	1.44E-05	9.21E-05	0.00E+00	2.63E-04	1.20E-09	3.49E-11	1.68E-03	3.00E-05	9.91E-04	1.26E-04	1.93E-05	4.48E-03	1.05E-01	0.00E+00	1.43E-10	1.86E-10	2.14E-05	5.70E-07	1.41E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.60E-04
WH36583400C	3.16E-05	1.38E-02	2.49E-03	1.13E-02	6.90E-14	0.00E+00	1.56E-01	1.51E-07	1.44E-05	9.21E-05	0.00E+00	2.63E-04	1.20E-09	3.49E-11	1.68E-03	3.00E-05	9.91E-04	1.26E-04	1.93E-05	4.48E-03	1.05E-01	0.00E+00	1.43E-10	1.86E-10	2.14E-05	5.70E-07	1.41E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.60E-04
WH36583403A	3.16E-05	1.38E-02	2.49E-03	1.13E-02	6.90E-14	0.00E+00	1.56E-01	1.51E-07	1.44E-05	9.21E-05	0.00E+00	2.63E-04	1.20E-09	3.49E-11	1.68E-03	3.00E-05	9.91E-04	1.26E-04	1.93E-05	4.48E-03	1.05E-01	0.00E+00	1.43E-10	1.86E-10	2.14E-05	5.70E-07	1.41E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.60E-04
WH36583403C	3.16E-05	1.38E-02	2.49E-03	1.13E-02	6.90E-14	0.00E+00	1.56E-01	1.51E-07	1.44E-05	9.21E-05	0.00E+00	2.63E-04	1.20E-09	3.49E-11	1.68E-03	3.00E-05	9.91E-04	1.26E-04	1.93E-05	4.48E-03	1.05E-01	0.00E+00	1.43E-10	1.86E-10	2.14E-05	5.70E-07	1.41E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.60E-04
WH36583405A	3.16E-05	1.38E-02	2.49E-03	1.13E-02	6.90E-14	0.00E+00	1.56E-01	1.51E-07	1.44E-05	9.21E-05	0.00E+00	2.63E-04	1.20E-09	3.49E-11	1.68E-03	3.00E-05	9.91E-04	1.26E-04	1.93E-05	4.48E-03	1.05E-01	0.00E+00	1.43E-10	1.86E-10	2.14E-05	5.70E-07	1.41E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.60E-04
WH36583405C	3.16E-05	1.38E-02	2.49E-03	1.13E-02	6.90E-14	0.00E+00	1.56E-01	1.51E-07	1.44E-05	9.21E-05	0.00E+00	2.63E-04	1.20E-09	3.49E-11	1.68E-03	3.00E-05	9.91E-04	1.26E-04	1.93E-05	4.48E-03	1.05E-01	0.00E+00	1.43E-10	1.86E-10	2.14E-05	5.70E-07	1.41E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.60E-04
WH36583405Q	3.44E-05	1.39E-02	2.48E-03	1.23E-02	1.32E-13	0.00E+00	1.69E-01	1.64E-07	1.56E-05	1.00E-04	0.00E+00	2.64E-04	1.29E-09	3.77E-11	1.82E-03	3.27E-05	1.09E-03	1.75E-04	1.94E-05	4.83E-03	1.15E-01	0.00E+00	1.55E-10	2.02E-10	2.33E-05	6.27E-07	1.54E-02	0.00E+00	1.15E-01	2.59E-10	1.15E-01	1.30E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04
WH36585300A	3.26E-04	1.62E-01	2.96E-02	1.17E-01	2.48E-13	0.00E+00	1.64E+00	1.58E-06	1.52E-04	9.55E-04	0.00E+00	3.12E-03	1.26E-08	3.68E-10	1.74E-02	3.09E-04	1.01E-02	6.57E-04	2.28E-04	4.73E-02	1.10E+00	0.00E+00	1.48E-09	1.93E-09	2.23E-04	5.81E-06	1.47E-01	0.00E+00	1.10E+00	3.01E-09	1.10E+00	1.24E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	8.81E-03
WH36585300C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36585300Q	3.70E-04	1.82E-01	3.33E-02	1.32E-01	2.17E-13	0.00E+00	1.86E+00	1.79E-06	1.72E-04	1.08E-03	0.00E+00	3.51E-03	1.43E-08	4.17E-10	1.97E-02	3.51E-04	1.15E-02	7.89E-04	2.57E-04	5.36E-02	1.24E+00	0.00E+00	1.68E-09	2.18E-09	2.53E-04	6.60E-06	1.66E-01	0.00E+00	1.24E+00	3.39E-09	1.24E+00	1.41E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	1.00E-02
WH36585303A	3.26E-04	1.62E-01	2.96E-02	1.17E-01	2.48E-13	0.00E+00	1.64E+00	1.58E-06	1.52E-04	9.55E-04	0.00E+00	3.12E-03	1.26E-08	3.68E-10	1.74E-02	3.09E-04	1.01E-02	6.57E-04	2.28E-04	4.73E-02	1.10E+00	0.00E+00	1.48E-09	1.93E-09	2.23E-04	5.81E-06	1.47E-01	0.00E+00	1.10E+00	3.01E-09	1.10E+00	1.24E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	8.81E-03
WH36585303C	2.65E-04	1.31E-01	2.39E-02	9.47E-02	1.68E-13	0.00E+00	1.33E+00	1.28E-06	1.23E-04	7.75E-04	0.00E+00	2.52E-03	1.02E-08	2.98E-10	1.41E-02	2.51E-04	8.19E-03	5.55E-04	1.84E-04	3.83E-02	8.90E-01	0.00E+00	1.20E-09	1.56E-09	1.81E-04	4.71E-06	1.19E-01	0.00E+00	8.90E-01	2.43E-09	8.90E-01	1.01E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	7.15E-03
WH36585303Q	3.70E-04	1.82E-01	3.33E-02	1.32E-01	2.17E-13	0.00E+00	1.86E+00	1.79E-06	1.72E-04	1.08E-03	0.00E+00	3.51E-03	1.43E-08	4.17E-10	1.97E-02	3.51E-04	1.15E-02	7.89E-04	2.57E-04	5.36E-02	1.24E+00	0.00E+00	1.68E-09	2.18E-09	2.53E-04	6.60E-06	1.66E-01	0.00E+00	1.24E+00	3.39E-09	1.24E+00	1.41E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	1.00E-02
WH36585305A	3.26E-04	1.62E-01	2.96E-02	1.17E-01	2.48E-13	0.00E+00	1.64E+00	1.58E-06	1.52E-04	9.55E-04	0.00E+00	3.12E-03	1.26E-08	3.68E-10	1.74E-02	3.09E-04	1.01E-02	6.57E-04	2.28E-04	4.73E-02	1.10E+00	0.00E+00	1.48E-09	1.93E-09	2.23E-04	5.81E-06	1.47E-01	0.00E+00	1.10E+00	3.01E-09	1.10E+00	1.24E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	8.81E-03
WH36585305C	2.65E-04	1.31E-01	2.39E-02	9.47E-02	1.68E-13	0.00E+00	1.33E+00	1.28E-06	1.23E-04	7.75E-04	0.00E+00	2.52E-03	1.02E-08	2.98E-10	1.41E-02	2.51E-04	8.19E-03	5.55E-04	1.84E-04	3.83E-02	8.90E-01	0.00E+00	1.20E-09	1.56E-09	1.81E-04	4.71E-06	1.19E-01	0.00E+00	8.90E-01	2.43E-09	8.90E-01	1.01E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	7.15E-03
WH36585305Q	3.70E-04	1.82E-01	3.33E-02	1.32E-01	2.17E-13	0.00E+00	1.86E+00	1.79E-06	1.72E-04	1.08E-03	0.00E+00	3.51E-03	1.43E-08	4.17E-10	1.97E-02	3.51E-04	1.15E-02	7.89E-04	2.57E-04	5.36E-02	1.24E+00	0.00E+00	1.68E-09	2.18E-09	2.53E-04	6.60E-06	1.66E-01	0.00E+00	1.24E+00	3.39E-09	1.24E+00	1.41E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	1.00E-02
WH36585349A	3.26E-04	1.62E-01	2.96E-02	1.17E-01	2.48E-13	0.00E+00	1.64E+00	1.58E-06	1.52E-04	9.55E-04	0.00E+00	3.12E-03	1.26E-08	3.68E-10	1.74E-02	3.09E-04	1.01E-02	6.57E-04	2.28E-04	4.73E-02	1.10E+00	0.00E+00	1.48E-09	1.93E-09	2.23E-04	5.81E-06	1.47E-01	0.00E+00	1.10E+00	3.01E-09	1.10E+00	1.24E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	8.81E-03
WH36585349C	2.65E-04	1.31E-01	2.39E-02	9.47E-02	1.68E-13	0.00E+00	1.33E+00	1.28E-06	1.23E-04	7.75E-04	0.00E+00	2.52E-03	1.02E-08	2.98E-10	1.41E-02	2.51E-04	8.19E-03	5.55E-04	1.84E-04	3.83E-02	8.90E-01	0.00E+00	1.20E-09	1.56E-09	1.81E-04	4.71E-06	1.19E-01	0.00E+00	8.90E-01	2.43E-09	8.90E-01	1.01E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	7.15E-03
WH36585600A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36585600C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36585600Q	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH36585603A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36585603C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36585603Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36585605A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36585605C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36585605Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36585649A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36585649C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36585649Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36586300A	3.14E-05	1.38E-02	2.49E-03	1.12E-02	6.50E-14	0.00E+00	1.55E-01	1.50E-07	1.43E-05	9.16E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.67E-03	2.98E-05	9.84E-04	1.23E-04	1.93E-05	4.46E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.66E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04
WH36586300C	3.14E-05	1.38E-02	2.49E-03	1.12E-02	6.50E-14	0.00E+00	1.55E-01	1.50E-07	1.43E-05	9.16E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.67E-03	2.98E-05	9.84E-04	1.23E-04	1.93E-05	4.46E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.66E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04
WH36586300Q	6.16E-05	2.75E-02	4.97E-03	2.20E-02	1.05E-13	0.00E+00	3.06E-01	2.95E-07	2.82E-05	1.80E-04	0.00E+00	5.26E-04	2.34E-09	6.84E-11	3.27E-03	5.84E-05	1.93E-03	2.26E-04	3.86E-05	8.77E-03	2.06E-01	0.00E+00	2.78E-10	3.62E-10	4.19E-05	1.11E-06	2.76E-02	0.00E+00	2.06E-01	5.12E-10	2.06E-01	2.34E-01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03
WH36586303A	3.14E-05	1.38E-02	2.49E-03	1.12E-02	6.50E-14	0.00E+00	1.55E-01	1.50E-07	1.43E-05	9.16E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.67E-03	2.98E-05	9.84E-04	1.23E-04	1.93E-05	4.46E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.66E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04
WH36586303C	3.14E-05	1.38E-02	2.49E-03	1.12E-02	6.50E-14	0.00E+00	1.55E-01	1.50E-07	1.43E-05	9.16E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.67E-03	2.98E-05	9.84E-04	1.23E-04	1.93E-05	4.46E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.66E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04
WH36586303Q	3.44E-05	1.39E-02	2.48E-03	1.23E-02	1.32E-13	0.00E+00	1.69E-01	1.64E-07	1.56E-05	1.00E-04	0.00E+00	2.64E-04	1.29E-09	3.77E-11	1.82E-03	3.27E-05	1.09E-03	1.75E-04	1.94E-05	4.83E-03	1.15E-01	0.00E+00	1.55E-10	2.02E-10	2.33E-05	6.27E-07	1.54E-02	0.00E+00	1.15E-01	2.59E-10	1.15E-01	1.30E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04
WH36586305A	3.14E-05	1.38E-02	2.49E-03	1.12E-02	6.50E-14	0.00E+00	1.55E-01	1.50E-07	1.43E-05	9.16E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.67E-03	2.98E-05	9.84E-04	1.23E-04	1.93E-05	4.46E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.66E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04
WH36586305C	3.14E-05	1.38E-02	2.49E-03	1.12E-02	6.50E-14	0.00E+00	1.55E-01	1.50E-07	1.43E-05	9.16E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.67E-03	2.98E-05	9.84E-04	1.23E-04	1.93E-05	4.46E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.66E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04
WH36586305Q	6.16E-05	2.75E-02	4.97E-03	2.20E-02	1.05E-13	0.00E+00	3.06E-01	2.95E-07	2.82E-05	1.80E-04	0.00E+00	5.26E-04	2.34E-09	6.84E-11	3.27E-03	5.84E-05	1.93E-03	2.26E-04	3.86E-05	8.77E-03	2.06E-01	0.00E+00	2.78E-10	3.62E-10	4.19E-05	1.11E-06	2.76E-02	0.00E+00	2.06E-01	5.12E-10	2.06E-01	2.34E-01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03
WH36586349A	3.14E-05	1.38E-02	2.49E-03	1.12E-02	6.50E-14	0.00E+00	1.55E-01	1.50E-07	1.43E-05	9.16E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.67E-03	2.98E-05	9.84E-04	1.23E-04	1.93E-05	4.46E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.66E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04
WH36586349C	3.14E-05	1.38E-02	2.49E-03	1.12E-02	6.50E-14	0.00E+00	1.55E-01	1.50E-07	1.43E-05	9.16E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.67E-03	2.98E-05	9.84E-04	1.23E-04	1.93E-05	4.46E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.66E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04
WH36586349Q	3.44E-05	1.39E-02	2.48E-03	1.23E-02	1.32E-13	0.00E+00	1.69E-01	1.64E-07	1.56E-05	1.00E-04	0.00E+00	2.64E-04	1.29E-09	3.77E-11	1.82E-03	3.27E-05	1.09E-03	1.75E-04	1.94E-05	4.83E-03	1.15E-01	0.00E+00	1.55E-10	2.02E-10	2.33E-05	6.27E-07	1.54E-02	0.00E+00	1.15E-01	2.59E-10	1.15E-01	1.30E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04
WH36586400A	3.16E-05	1.38E-02	2.49E-03	1.13E-02	6.90E-14	0.00E+00	1.56E-01	1.51E-07	1.44E-05	9.21E-05	0.00E+00	2.63E-04	1.20E-09	3.49E-11	1.68E-03	3.00E-05	9.91E-04	1.26E-04	1.93E-05	4.48E-03	1.05E-01	0.00E+00	1.43E-10	1.86E-10	2.14E-05	5.70E-07	1.41E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.60E-04
WH36586405A	3.16E-05	1.38E-02	2.49E-03	1.13E-02	6.90E-14	0.00E+00	1.56E-01	1.51E-07	1.44E-05	9.21E-05	0.00E+00	2.63E-04	1.20E-09	3.49E-11	1.68E-03	3.00E-05	9.91E-04	1.26E-04	1.93E-05	4.48E-03	1.05E-01	0.00E+00	1.43E-10	1.86E-10	2.14E-05	5.70E-07	1.41E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.60E-04
WH36586405C	3.16E-05	1.38E-02	2.49E-03	1.13E-02	6.90E-14	0.00E+00	1.56E-01	1.51E-07	1.44E-05	9.21E-05	0.00E+00	2.63E-04	1.20E-09	3.49E-11	1.68E-03	3.00E-05	9.91E-04	1.26E-04	1.93E-05	4.48E-03	1.05E-01	0.00E+00	1.43E-10	1.86E-10	2.14E-05	5.70E-07	1.41E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.60E-04
WH36586405Q	3.44E-05	1.39E-02	2.48E-03	1.23E-02	1.32E-13	0.00E+00	1.69E-01	1.64E-07	1.56E-05	1.00E-04	0.00E+00	2.64E-04	1.29E-09	3.77E-11	1.82E-03	3.27E-05	1.09E-03	1.75E-04	1.94E-05	4.83E-03	1.15E-01	0.00E+00	1.55E-10	2.02E-10	2.33E-05	6.27E-07	1.54E-02	0.00E+00	1.15E-01	2.59E-10	1.15E-01	1.30E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04
WH36587600A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36587600C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36587600Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36587603A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36587603C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36587603Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36587605A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36587605C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36587605Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36587649Q	3.81E-04	1.88E-01	3.43E-02	1.36E-01	2.31E-13	0.00E+00	1.92E+00	1.84E-06	1.77E-04	1.12E-03	0.00E+00	3.62E-03	1.47E-08	4.29E-10	2.03E-02	3.61E-04	1.18E-02	8.07E-04	2.65E-04	5.51E-02	1.28E+00	0.00E+00	1.73E-09	2.25E-09	2.60E-04	6.79E-06	1.71E-01	0.00E+00	1.28E+00	3.50E-09	1.28E+00	1.45E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH36592200A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36592200C	3.94E-06	1.66E-04	1.88E-06	1.38E-03	8.60E-14	0.00E+00	1.72E-02	1.74E-08	1.60E-06	1.13E-05	0.00E+00	1.30E-06	1.32E-10	3.83E-12	2.03E-04	3.76E-06	1.37E-04	6.75E-05	1.53E-07	4.84E-04	1.26E-02	0.00E+00	1.72E-11	2.26E-11	2.59E-06	7.80E-08	1.71E-03	0.00E+00	1.26E-02	3.43E-12	1.26E-02	1.43E-02	1.71E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WH36592200Q	9.29E-06	3.92E-04	4.43E-06	3.26E-03	2.02E-13	0.00E+00	4.07E-02	4.11E-08	3.78E-06	2.66E-05	0.00E+00	3.07E-06	3.11E-10	9.03E-12	4.79E-04	8.87E-06	3.22E-04	1.59E-04	3.62E-07	1.14E-03	2.98E-02	0.00E+00	4.07E-11	5.34E-11	6.10E-06	1.84E-07	4.04E-03	0.00E+00	2.98E-02	8.09E-12	2.98E-02	3.38E-02	4.04E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04
WH36592203A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36592203C	3.94E-06	1.66E-04	1.88E-06	1.38E-03	8.60E-14	0.00E+00	1.72E-02	1.74E-08	1.60E-06	1.13E-05	0.00E+00	1.30E-06	1.32E-10	3.83E-12	2.03E-04	3.76E-06	1.37E-04	6.75E-05	1.53E-07	4.84E-04	1.26E-02	0.00E+00	1.72E-11	2.26E-11	2.59E-06	7.80E-08	1.71E-03	0.00E+00	1.26E-02	3.43E-12	1.26E-02	1.43E-02	1.71E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-04
WH36592203Q	9.29E-06	3.92E-04	4.43E-06	3.26E-03	2.02E-13	0.00E+00	4.07E-02	4.11E-08	3.78E-06	2.66E-05	0.00E+00	3.07E-06	3.11E-10	9.03E-12	4.79E-04	8.87E-06	3.22E-04	1.59E-04	3.62E-07	1.14E-03	2.98E-02	0.00E+00	4.07E-11	5.34E-11	6.10E-06	1.84E-07	4.04E-03	0.00E+00	2.98E-02	8.09E-12	2.98E-02	3.38E-02	4.04E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04
WH36592205A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36592205C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36592205Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36592249A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36592249C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36592249Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36593200A	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH36593200C	2.67E-04	1.32E-01	2.41E-02	9.57E-02	1.71E-13	0.00E+00	1.35E+00	1.29E-06	1.24E-04	7.83E-04	0.00E+00	2.54E-03	1.03E-08	3.01E-10	1.43E-02	2.54E-04	8.27E-03	5.60E-04	1.86E-04	3.87E-02	8.99E-01	0.00E+00	1.21E-09	1.58E-09	1.83E-04	4.76E-06	1.20E-01	0.00E+00	8.99E-01	2.46E-09	8.99E-01	1.02E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-03
WH36593200Q	1.64E-04	7.79E-02	1.42E-02	5.87E-02	5.10E-14	0.00E+00	8.22E-01	7.90E-07	7.58E-05	4.80E-04	0.00E+00	1.50E-03	6.28E-09	1.84E-10	8.74E-03	1.56E-04	5.10E-03	4.49E-04	1.10E-04	2.36E-02	5.50E-01	0.00E+00	7.44E-10	9.67E-10	1.12E-04	2.94E-06	7.36E-02	0.00E+00	5.50E-01	1.45E-09	5.50E-01	6.24E-01	7.36E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-03
WH36593203A	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH36593203C	2.67E-04	1.32E-01	2.41E-02	9.57E-02	1.71E-13	0.00E+00	1.35E+00	1.29E-06	1.24E-04	7.83E-04	0.00E+00	2.54E-03	1.03E-08	3.01E-10	1.43E-02	2.54E-04	8.27E-03	5.60E-04	1.86E-04	3.87E-02	8.99E-01	0.00E+00	1.21E-09	1.58E-09	1.83E-04	4.76E-06	1.20E-01	0.00E+00	8.99E-01	2.46E-09	8.99E-01	1.02E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-03
WH36593203Q	1.64E-04	7.79E-02	1.42E-02	5.87E-02	5.10E-14	0.00E+00	8.22E-01	7.90E-07	7.58E-05	4.80E-04	0.00E+00	1.50E-03	6.28E-09	1.84E-10	8.74E-03	1.56E-04	5.10E-03	4.49E-04	1.10E-04	2.36E-02	5.50E-01	0.00E+00	7.44E-10	9.67E-10	1.12E-04	2.94E-06	7.36E-02	0.00E+00	5.50E-01	1.45E-09	5.50E-01	6.24E-01	7.36E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-03
WH36593205A	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH36593205C	2.67E-04	1.32E-01	2.41E-02	9.57E-02	1.71E-13	0.00E+00	1.35E+00	1.29E-06	1.24E-04	7.83E-04	0.00E+00	2.54E-03	1.03E-08	3.01E-10	1.43E-02	2.54E-04	8.27E-03	5.60E-04	1.86E-04	3.87E-02	8.99E-01	0.00E+00	1.21E-09	1.58E-09	1.83E-04	4.76E-06	1.20E-01	0.00E+00	8.99E-01	2.46E-09	8.99E-01	1.02E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-03
WH36593205Q	1.64E-04	7.79E-02	1.42E-02	5.87E-02	5.10E-14	0.00E+00	8.22E-01	7.90E-07	7.58E-05	4.80E-04	0.00E+00	1.50E-03	6.28E-09	1.84E-10	8.74E-03	1.56E-04	5.10E-03	4.49E-04	1.10E-04	2.36E-02	5.50E-01	0.00E+00	7.44E-10	9.67E-10	1.12E-04	2.94E-06	7.36E-02	0.00E+00	5.50E-01	1.45E-09	5.50E-01	6.24E-01	7.36E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-03
WH36593249A	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03

WH36593249Q	1.64E-04	7.79E-02	1.42E-02	5.87E-02	5.10E-14	0.00E+00	8.22E-01	7.90E-07	7.58E-05	4.80E-04	0.00E+00	1.50E-03	6.28E-09	1.84E-10	8.74E-03	1.56E-04	5.10E-03	4.49E-04	1.10E-04	2.36E-02	5.50E-01	0.00E+00	7.44E-10	9.67E-10	1.12E-04	2.94E-06	7.36E-02	0.00E+00	5.50E-01	1.45E-09	5.50E-01	6.24E-01	7.36E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-03
WH36593300A	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36593300C	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36593300Q	3.48E-05	1.39E-02	2.48E-03	1.24E-02	1.40E-13	0.00E+00	1.71E-01	1.65E-07	1.57E-05	1.01E-04	0.00E+00	2.65E-04	1.30E-09	3.81E-11	1.84E-03	3.31E-05	1.10E-03	1.82E-04	1.95E-05	4.88E-03	1.16E-01	0.00E+00	1.57E-10	2.04E-10	2.36E-05	6.34E-07	1.55E-02	0.00E+00	1.16E-01	2.60E-10	1.16E-01	1.31E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.54E-04
WH36593303A	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36593303C	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36593305A	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36593305C	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36593305Q	3.48E-05	1.39E-02	2.48E-03	1.24E-02	1.40E-13	0.00E+00	1.71E-01	1.65E-07	1.57E-05	1.01E-04	0.00E+00	2.65E-04	1.30E-09	3.81E-11	1.84E-03	3.31E-05	1.10E-03	1.82E-04	1.95E-05	4.88E-03	1.16E-01	0.00E+00	1.57E-10	2.04E-10	2.36E-05	6.34E-07	1.55E-02	0.00E+00	1.16E-01	2.60E-10	1.16E-01	1.31E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.54E-04
WH36593349C	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36594200A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36594200C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36594200Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36594203A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36594203C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36594203Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36594205A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36594249Q	2.85E-04	1.39E-01	2.54E-02	1.02E-01	1.06E-13	0.00E+00	1.43E+00	1.37E-06	1.32E-04	8.33E-04	0.00E+00	2.67E-03	1.09E-08	3.20E-10	1.52E-02	2.70E-04	8.81E-03	6.47E-04	1.96E-04	4.11E-02	9.56E-01	0.00E+00	1.29E-09	1.68E-09	1.94E-04	5.07E-06	1.28E-01	0.00E+00	9.56E-01	2.59E-09	9.56E-01	1.08E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	7.70E-03
WH36595200A	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36595200C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36595200Q	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH36595203A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36595203C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36595203Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36595205A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36595205C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36595205Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36595249A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36595249C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36595249Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36596200A	1.40E-05	6.81E-03	1.24E-03	4.99E-03	5.00E-15	0.00E+00	7.02E-02	6.74E-08	6.47E-06	4.09E-05	0.00E+00	1.31E-04	5.37E-10	1.57E-11	7.44E-04	1.32E-05	4.32E-04	3.19E-05	9.60E-06	2.02E-03	4.69E-02	0.00E+00	6.33E-11	8.23E-11	9.53E-06	2.49E-07	6.27E-03	0.00E+00	4.69E-02	1.27E-10	4.69E-02	5.32E-02	6.27E-03	0.00E+00	0.00E+00	0.00E+00	3.78E-04
WH36596200C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36596200Q	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH36596203A	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH36596205A	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH36596205Q	1.64E-04	7.79E-02	1.42E-02	5.87E-02	5.10E-14	0.00E+00	8.22E-01	7.90E-07	7.58E-05	4.80E-04	0.00E+00	1.50E-03	6.28E-09	1.84E-10	8.74E-03	1.56E-04	5.10E-03	4.49E-04	1.10E-04	2.36E-02	5.50E-01	0.00E+00	7.44E-10	9.67E-10	1.12E-04	2.94E-06	7.36E-02	0.00E+00	5.50E-01	1.45E-09	5.50E-01	6.24E-01	7.36E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-03
WH36596249A	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH36596249C	2.67E-04	1.32E-01	2.41E-02	9.57E-02	1.71E-13	0.00E+00	1.35E+00	1.29E-06	1.24E-04	7.83E-04	0.00E+00	2.54E-03	1.03E-08	3.01E-10	1.43E-02	2.54E-04	8.27E-03	5.60E-04	1.86E-04	3.87E-02	8.99E-01	0.00E+00	1.21E-09	1.58E-09	1.83E-04	4.76E-06	1.20E-01	0.00E+00	8.99E-01	2.46E-09	8.99E-01	1.02E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-03
WH36596249Q	1.64E-04	7.79E-02	1.42E-02	5.87E-02	5.10E-14	0.00E+00	8.22E-01	7.90E-07	7.58E-05	4.80E-04	0.00E+00	1.50E-03	6.28E-09	1.84E-10	8.74E-03	1.56E-04	5.10E-03	4.49E-04	1.10E-04	2.36E-02	5.50E-01	0.00E+00	7.44E-10	9.67E-10	1.12E-04	2.94E-06	7.36E-02	0.00E+00	5.50E-01	1.45E-09	5.50E-01	6.24E-01	7.36E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-03
WH36596300A	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36596300C	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36596300Q	3.48E-05	1.39E-02	2.48E-03	1.24E-02	1.40E-13	0.00E+00	1.71E-01	1.65E-07	1.57E-05	1.01E-04	0.00E+00	2.65E-04	1.30E-09	3.81E-11	1.84E-03	3.31E-05	1.10E-03	1.82E-04	1.95E-05	4.88E-03	1.16E-01	0.00E+00	1.57E-10	2.04E-10	2.36E-05	6.34E-07	1.55E-02	0.00E+00	1.16E-01	2.60E-10	1.16E-01	1.31E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.54E-04
WH36596303A	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36596303C	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36596303Q	3.48E-05	1.39E-02	2.48E-03	1.24E-02	1.40E-13	0.00E+00	1.71E-01	1.65E-07	1.57E-05	1.01E-04	0.00E+00	2.65E-04	1.30E-09	3.81E-11	1.84E-03	3.31E-05	1.10E-03	1.82E-04	1.95E-05	4.88E-03	1.16E-01	0.00E+00	1.57E-10	2.04E-10	2.36E-05	6.34E-07	1.55E-02	0.00E+00	1.16E-01	2.60E-10	1.16E-01	1.31E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.54E-04
WH36596305A	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36596305C	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36596305Q	3.48E-05	1.39E-02	2.48E-03	1.24E-02	1.40E-13	0.00E+00	1.71E-01	1.65E-07	1.57E-05	1.01E-04	0.00E+00	2.65E-04	1.30E-09	3.81E-11	1.84E-03	3.31E-05	1.10E-03	1.82E-04	1.95E-05	4.88E-03	1.16E-01	0.00E+00	1.57E-10	2.04E-10	2.36E-05	6.34E-07	1.55E-02	0.00E+00	1.16E-01	2.60E-10	1.16E-01	1.31E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.54E-04
WH36596349A	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36596349C	3.18E-05	1.38E-02	2.49E-03	1.13E-02	7.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.27E-05	0.00E+00	2.64E-04	1.20E-09	3.51E-11	1.69E-03	3.01E-05	9.97E-04	1.29E-04	1.93E-05	4.50E-03	1.06E-01	0.00E+00	1.43E-10	1.87E-10	2.16E-05	5.74E-07	1.42E-02	0.00E+00	1.06E-01	2.57E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.66E-04
WH36596349Q	3.48E-05	1.39E-02	2.48E-03	1.24E-02	1.40E-13	0.00E+00	1.71E-01	1.65E-07	1.57E-05	1.01E-04	0.00E+00	2.65E-04	1.30E-09	3.81E-11	1.84E-03	3.31E-05	1.10E-03	1.82E-04	1.95E-05	4.88E-03	1.16E-01	0.00E+00	1.57E-10	2.04E-10	2.36E-05	6.34E-07	1.55E-02	0.00E+00	1.16E-01	2.60E-10	1.16E-01	1.31E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.54E-04
WH36597200A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36597200C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36597200Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36597203A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36597203C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36597203Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36597205A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36597205C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36597205Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36597249A	2.41E-04	1.18E-01	2.16E-02	8.61E-02	1.36E-13	0.00E+00	1.21E+00	1.16E-06	1.12E-04	7.04E-04	0.00E+00	2.28E-03	9.26E-09	2.71E-10	1.28E-02	2.28E-04	7.44E-03	5.16E-04	1.67E-04	3.48E-02	8.08E-01	0.00E+00	1.09E-09	1.42E-09	1.64E-04	4.29E-06	1.08E-01	0.00E+00	8.08E-01	2.20E-09	8.08E-01	9.17E-01	1.08E-01	0.00E+00	0.00E+00	0.00E+00	6.50E-03
WH36597249C	1.82E-04	8.86E-02	1.62E-02	6.50E-02	6.00E-14	0.00E+00	9.13E-01	8.77E-07	8.42E-05	5.32E-04	0.00E+00	1.70E-03	6.98E-09	2.04E-10	9.68E-03	1.72E-04	5.63E-03	4.18E-04	1.25E-04	2.62E-02	6.10E-01	0.00E+00	8.24E-10	1.07E-09	1.24E-04	3.24E-06	8.16E-02	0.00E+00	6.10E-01	1.65E-09	6.10E-01	6.92E-01	8.16E-02	0.00E+00	0.00E+00	0.00E+00	4.91E-03
WH36598200A	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH36598200Q	1.64E-04	7.79E-02	1.42E-02	5.87E-02	5.10E-14	0.00E+00	8.22E-01	7.90E-07	7.58E-05	4.80E-04	0.00E+00	1.50E-03	6.28E-09	1.84E-10	8.74E-03	1.56E-04	5.10E-03	4.49E-04	1.10E-04	2.36E-02	5.50E-01	0.00E+00	7.44E-10	9.67E-10	1.12E-04	2.94E-06	7.36E-02	0.00E+00	5.50E-01	1.45E-09	5.50E-01	6.24E-01	7.36E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-03
WH36598203A	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH36599200A	3.82E-07	1.61E-05	1.82E-07	1.34E-04	8.00E-15	0.00E+00	1.67E-03	1.69E-09	1.56E-07	1.09E-06	0.00E+00	1.27E-07	1.28E-11	3.72E-13	1.97E-05	3.65E-07	1.33E-05	6.55E-06	1.49E-08	4.70E-05	1.23E-03	0.00E+00	1.67E-12	2.20E-12	2.51E-07	7.58E-09	1.66E-04	0.00E+00	1.23E-03	3.33E-13	1.23E-03	1.39E-03	1.66E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-05
WH36599200C	2.67E-04	1.32E-01	2.41E-02	9.57E-02	1.71E-13	0.00E+00	1.35E+00	1.29E-06	1.24E-04	7.83E-04	0.00E+00	2.54E-03	1.03E-08	3.01E-10	1.43E-02	2.54E-04	8.27E-03	5.60E-04	1.86E-04	3.87E-02	8.99E-01	0.00E+00	1.21E-09	1.58E-09	1.83E-04	4.76E-06	1.20E-01	0.00E+00	8.99E-01	2.46E-09	8.99E-01	1.02E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-03
WH36599200Q	1.64E-04	7.79E-02	1.42E-02	5.87E-02	5.10E-14	0.00E+00	8.22E-01	7.90E-07	7.58E-05	4.80E-04	0.00E+00	1.50E-03	6.28E-09	1.84E-10	8.74E-03	1.56E-04	5.10E-03	4.49E-04	1.10E-04	2.36E-02	5.50E-01	0.00E+00	7.44E-10	9.67E-10	1.12E-04	2.94E-06	7.36E-02	0.00E+00	5.50E-01	1.45E-09	5.50E-01	6.24E-01	7.36E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-03
WH36599203A	3.82E-07	1.61E-05	1.82E-07	1.34E-04	8.00E-15	0.00E+00	1.67E-03	1.69E-09	1.56E-07	1.09E-06	0.00E+00	1.27E-07	1.28E-11	3.72E-13	1.97E-05	3.65E-07	1.33E-05	6.55E-06	1.49E-08	4.70E-05	1.23E-03	0.00E+00	1.67E-12	2.20E-12	2.51E-07	7.58E-09	1.66E-04	0.00E+00	1.23E-03	3.33E-13	1.23E-03	1.39E-03	1.66E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-05
WH36599203C	2.67E-04	1.32E-01	2.41E-02	9.57E-02	1.71E-13	0.00E+00	1.35E+00	1.29E-06	1.24E-04	7.83E-04	0.00E+00	2.54E-03	1.03E-08	3.01E-10	1.43E-02	2.54E-04	8.27E-03	5.60E-04	1.86E-04	3.87E-02	8.99E-01	0.00E+00	1.21E-09	1.58E-09	1.83E-04	4.76E-06	1.20E-01	0.00E+00	8.99E-01	2.46E-09	8.99E-01	1.02E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-03
WH36599203Q	1.64E-04	7.79E-02	1.42E-02	5.87E-02	5.10E-14	0.00E+00	8.22E-01	7.90E-07	7.58E-05	4.80E-04	0.00E+00	1.50E-03	6.28E-09	1.84E-10	8.74E-03	1.56E-04	5.10E-03	4.49E-04	1.10E-04	2.36E-02	5.50E-01	0.00E+00	7.44E-10	9.67E-10	1.12E-04	2.94E-06	7.36E-02	0.00E+00	5.50E-01	1.45E-09	5.50E-01	6.24E-01	7.36E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-03
WH36599205C	2.67E-04	1.32E-01	2.41E-02	9.57E-02	1.71E-13	0.00E+00	1.35E+00	1.29E-06	1.24E-04	7.83E-04	0.00E+00	2.54E-03	1.03E-08	3.01E-10	1.43E-02	2.54E-04	8.27E-03	5.60E-04	1.86E-04	3.87E-02	8.99E-01	0.00E+00	1.21E-09	1.58E-09	1.83E-04	4.76E-06	1.20E-01	0.00E+00	8.99E-01	2.46E-09	8.99E-01	1.02E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-03
WH36599205Q	1.64E-04	7.79E-02	1.42E-02	5.87E-02	5.10E-14	0.00E+00	8.22E-01	7.90E-07	7.58E-05	4.80E-04	0.00E+00	1.50E-03	6.28E-09	1.84E-10	8.74E-03	1.56E-04	5.10E-03	4.49E-04	1.10E-04	2.36E-02	5.50E-01	0.00E+00	7.44E-10	9.67E-10	1.12E-04	2.94E-06	7.36E-02	0.00E+00	5.50E-01	1.45E-09	5.50E-01	6.24E-01	7.36E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-03
WH36599249Q	1.64E-04	7.79E-02	1.42E-02	5.87E-02	5.10E-14	0.00E+00	8.22E-01	7.90E-07	7.58E-05	4.80E-04	0.00E+00	1.50E-03	6.28E-09	1.84E-10	8.74E-03	1.56E-04	5.10E-03	4.49E-04	1.10E-04	2.36E-02	5.50E-01	0.00E+00	7.44E-10	9.67E-10	1.12E-04	2.94E-06	7.36E-02	0.00E+00	5.50E-01	1.45E-09	5.50E-01	6.24E-01	7.36E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-03
WH36600700Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36600800Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36620300A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36620300C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36620300Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36620303A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36620303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36620303Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36620305A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36620305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36620305Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05

WH36620349A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36620349C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36620349Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36622300A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36622300C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36622300Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36622303A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36622303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36622303Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36622305A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36622305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36622305Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36622349A	3.02E-04	1.50E-01	2.74E-02	1.08E-01	2.17E-13	0.00E+00	1.52E+00	1.46E-06	1.40E-04	8.85E-04	0.00E+00	2.88E-03	1.16E-08	3.41E-10	1.61E-02	2.87E-04	9.34E-03	6.17E-04	2.11E-04	4.38E-02	1.02E+00	0.00E+00	1.37E-09	1.78E-09	2.06E-04	5.38E-06	1.36E-01	0.00E+00	1.02E+00	2.79E-09	1.02E+00	1.15E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	8.16E-03
WH36622349Q	3.46E-04	1.70E-01	3.11E-02	1.24E-01	1.86E-13	0.00E+00	1.74E+00	1.67E-06	1.61E-04	1.01E-03	0.00E+00	3.28E-03	1.33E-08	3.90E-10	1.85E-02	3.28E-04	1.07E-02	7.49E-04	2.40E-04	5.01E-02	1.16E+00	0.00E+00	1.57E-09	2.04E-09	2.36E-04	6.17E-06	1.56E-01	0.00E+00	1.16E+00	3.17E-09	1.16E+00	1.32E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	9.36E-03
WH36625300A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36625300C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36625300Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36625303A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36625303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36625303Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36625305A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36625305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36625305Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36625349A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36625349C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36625349Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36627300A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36627300C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36627300Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36627303A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36627303Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36627305A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36627305Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36627349Q	3.46E-04	1.70E-01	3.11E-02	1.24E-01	1.86E-13	0.00E+00	1.74E+00	1.67E-06	1.61E-04	1.01E-03	0.00E+00	3.28E-03	1.33E-08	3.90E-10	1.85E-02	3.28E-04	1.07E-02	7.49E-04	2.40E-04	5.01E-02	1.16E+00	0.00E+00	1.57E-09	2.04E-09	2.36E-04	6.17E-06	1.56E-01	0.00E+00	1.16E+00	3.17E-09	1.16E+00	1.32E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	9.36E-03
WH36640300A	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36640300C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36640300Q	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH36640303A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36640303C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36640303Q	5.93E-05	2.63E-02	4.95E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.75E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
WH36640305A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36640305C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36640305Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36640349A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36640349C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WH36640349Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36640700A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36640700C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36640700Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36640703A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36640703C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36640703Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36640705A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36640705C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36640705Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36640749A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36640749C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36640749Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642300A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642300C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642300Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642303A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642303C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642303Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642305A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642305C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642305Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642349Q	3.09E-04	1.51E-01	2.76E-02	1.10E-01	1.37E-13	0.00E+00	1.55E+00	1.49E-06	1.43E-04	9.03E-04	0.00E+00	2.91E-03	1.19E-08	3.47E-10	1.65E-02	2.93E-04	9.56E-03	6.87E-04	2.13E-04	4.46E-02	1.04E+00	0.00E+00	1.40E-09	1.82E-09	2.11E-04	5.50E-06	1.39E-01	0.00E+00	1.04E+00	2.81E-09	1.04E+00	1.18E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	8.35E-03
WH36642700Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642703A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642703C	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642703Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642705A	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36642705Q	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH36645300A	4.62E-06	1.95E-04	2.20E-06	1.62E-03	1.01E-13	0.00E+00	2.02E-02	2.05E-08	1.88E-06	1.32E-05	0.00E+00	1.53E-06	1.55E-10	4.50E-12	2.39E-04	4.41E-06	1.61E-04	7.93E-05	1.80E-07	5.68E-04	1.48E-02	0.00E+00	2.03E-11	2.66E-11	3.04E-06	9.17E-08	2.01E-03	0.00E+00	1.48E-02	4.03E-12	1.48E-02	1.68E-02	2.01E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-04
WH36645300C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36645300Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36645303A	4.62E-06	1.95E-04	2.20E-06	1.62E-03	1.01E-13	0.00E+00	2.02E-02	2.05E-08	1.88E-06	1.32E-05	0.00E+00	1.53E-06	1.55E-10	4.50E-12	2.39E-04	4.41E-06	1.61E-04	7.93E-05	1.80E-07	5.68E-04	1.48E-02	0.00E+00	2.03E-11	2.66E-11	3.04E-06	9.17E-08	2.01E-03	0.00E+00	1.48E-02	4.03E-12	1.48E-02	1.68E-02	2.01E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-04
WH36645303C	6.69E-06	2.82E-04	3.19E-06	2.35E-03	1.46E-13	0.00E+00	2.93E-02	2.96E-08	2.73E-06	1.92E-05	0.00E+00	2.21E-06	2.24E-10	6.51E-12	3.45E-04	6.38E-06	2.32E-04	1.15E-04	2.60E-07	8.22E-04	2.14E-02	0.00E+00	2.93E-11	3.85E-11	4.40E-06	1.33E-07	2.91E-03	0.00E+00	2.14E-02	5.82E-12	2.14E-02	2.44E-02	2.91E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-04
WH36645303Q	7.91E-06	3.34E-04	3.77E-06	2.78E-03	1.72E-13	0.00E+00	3.46E-02	3.50E-08	3.22E-06	2.27E-05	0.00E+00	2.62E-06	2.65E-10	7.70E-12	4.08E-04	7.55E-06	2.75E-04	1.36E-04	3.08E-07	9.72E-04	2.54E-02	0.00E+00	3.47E-11	4.55E-11	5.20E-06	1.57E-07	3.44E-03	0.00E+00	2.54E-02	6.89E-12	2.54E-02	2.88E-02	3.44E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
WH36645305A	4.62E-06	1.95E-04	2.20E-06	1.62E-03	1.01E-13	0.00E+00	2.02E-02	2.05E-08	1.88E-06	1.32E-05	0.00E+00	1.53E-06	1.55E-10	4.50E-12	2.39E-04	4.41E-06	1.61E-04	7.93E-05	1.80E-07	5.68E-04	1.48E-02	0.00E+00	2.03E-11	2.66E-11	3.04E-06	9.17E-08	2.01E-03	0.00E+00	1.48E-02	4.03E-12	1.48E-02	1.68E-02	2.01E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-04
WH36645305C	6.69E-06	2.82E-04	3.19E-06	2.35E-03	1.46E-13	0.00E+00	2.93E-02	2.96E-08	2.73E-06	1.92E-05	0.00E+00	2.21E-06	2.24E-10	6.51E-12	3.45E-04	6.38E-06	2.32E-04	1.15E-04	2.60E-07	8.22E-04	2.14E-02	0.00E+00	2.93E-11	3.85E-11	4.40E-06	1.33E-07	2.91E-03	0.00E+00	2.14E-02	5.82E-12	2.14E-02	2.44E-02	2.91E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-04
WH36645305Q	7.91E-06	3.34E-04	3.77E-06	2.78E-03	1.72E-13	0.00E+00	3.46E-02	3.50E-08	3.22E-06	2.27E-05	0.00E+00	2.62E-06	2.65E-10	7.70E-12	4.08E-04	7.55E-06	2.75E-04	1.36E-04	3.08E-07	9.72E-04	2.54E-02	0.00E+00	3.47E-11	4.55E-11	5.20E-06	1.57E-07	3.44E-03	0.00E+00	2.54E-02	6.89E-12	2.54E-02	2.88E-02	3.44E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
WH36645349A	4.62E-06	1.95E-04	2.20E-06	1.62E-03	1.01E-13	0.00E+00	2.02E-02	2.05E-08	1.88E-06	1.32E-05	0.00E+00	1.53E-06	1.55E-10	4.50E-12	2.39E-04	4.41E-06	1.61E-04	7.93E-05	1.80E-07	5.68E-04	1.48E-02	0.00E+00	2.03E-11	2.66E-11	3.04E-06	9.17E-08	2.01E-03	0.00E+00	1.48E-02	4.03E-12	1.48E-02	1.68E-02	2.01E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-04
WH36645349C	6.69E-06	2.82E-04	3.19E-06	2.35E-03	1.46E-13	0.00E+00	2.93E-02	2.96E-08	2.73E-06	1.92E-05	0.00E+00	2.21E-06	2.24E-10	6.51E-12	3.45E-04	6.38E-06	2.32E-04	1.15E-04	2.60E-07	8.22E-04	2.14E-02	0.00E+00	2.93E-11	3.85E-11	4.40E-06	1.33E-07	2.91E-03	0.00E+00	2.14E-02	5.82E-12	2.14E-02	2.44E-02	2.91E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-04

WH36645349Q	7.91E-06	3.34E-04	3.77E-06	2.78E-03	1.72E-13	0.00E+00	3.46E-02	3.50E-08	3.22E-06	2.27E-05	0.00E+00	2.62E-06	2.65E-10	7.70E-12	4.08E-04	7.55E-06	2.75E-04	1.36E-04	3.08E-07	9.72E-04	2.54E-02	0.00E+00	3.47E-11	4.55E-11	5.20E-06	1.57E-07	3.44E-03	0.00E+00	2.54E-02	6.89E-12	2.54E-02	2.88E-02	3.44E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
WH36647300Q	7.76E-06	3.27E-04	3.70E-06	2.72E-03	1.69E-13	0.00E+00	3.40E-02	3.43E-08	3.16E-06	2.22E-05	0.00E+00	2.57E-06	2.60E-10	7.55E-12	4.00E-04	7.41E-06	2.69E-04	1.33E-04	3.02E-07	9.53E-04	2.49E-02	0.00E+00	3.40E-11	4.46E-11	5.10E-06	1.54E-07	3.37E-03	0.00E+00	2.49E-02	6.76E-12	2.49E-02	2.83E-02	3.37E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
WH36647303Q	7.76E-06	3.27E-04	3.70E-06	2.72E-03	1.69E-13	0.00E+00	3.40E-02	3.43E-08	3.16E-06	2.22E-05	0.00E+00	2.57E-06	2.60E-10	7.55E-12	4.00E-04	7.41E-06	2.69E-04	1.33E-04	3.02E-07	9.53E-04	2.49E-02	0.00E+00	3.40E-11	4.46E-11	5.10E-06	1.54E-07	3.37E-03	0.00E+00	2.49E-02	6.76E-12	2.49E-02	2.83E-02	3.37E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
WH36647305Q	7.76E-06	3.27E-04	3.70E-06	2.72E-03	1.69E-13	0.00E+00	3.40E-02	3.43E-08	3.16E-06	2.22E-05	0.00E+00	2.57E-06	2.60E-10	7.55E-12	4.00E-04	7.41E-06	2.69E-04	1.33E-04	3.02E-07	9.53E-04	2.49E-02	0.00E+00	3.40E-11	4.46E-11	5.10E-06	1.54E-07	3.37E-03	0.00E+00	2.49E-02	6.76E-12	2.49E-02	2.83E-02	3.37E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
WH36647349Q	7.76E-06	3.27E-04	3.70E-06	2.72E-03	1.69E-13	0.00E+00	3.40E-02	3.43E-08	3.16E-06	2.22E-05	0.00E+00	2.57E-06	2.60E-10	7.55E-12	4.00E-04	7.41E-06	2.69E-04	1.33E-04	3.02E-07	9.53E-04	2.49E-02	0.00E+00	3.40E-11	4.46E-11	5.10E-06	1.54E-07	3.37E-03	0.00E+00	2.49E-02	6.76E-12	2.49E-02	2.83E-02	3.37E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
WH36910900C	1.61E-04	7.65E-02	1.39E-02	5.77E-02	5.50E-14	0.00E+00	8.08E-01	7.77E-07	7.45E-05	4.72E-04	0.00E+00	1.47E-03	6.18E-09	1.81E-10	8.60E-03	1.53E-04	5.02E-03	4.44E-04	1.08E-04	2.32E-02	5.41E-01	0.00E+00	7.32E-10	9.51E-10	1.10E-04	2.89E-06	7.24E-02	0.00E+00	5.41E-01	1.42E-09	5.41E-01	6.14E-01	7.24E-02	0.00E+00	0.00E+00	0.00E+00	4.37E-03
WH36910900Q	1.84E-04	8.62E-02	1.57E-02	6.58E-02	1.13E-13	0.00E+00	9.20E-01	8.85E-07	8.48E-05	5.38E-04	0.00E+00	1.65E-03	7.03E-09	2.06E-10	9.79E-03	1.75E-04	5.73E-03	5.41E-04	1.21E-04	2.64E-02	6.17E-01	0.00E+00	8.33E-10	1.08E-09	1.25E-04	3.30E-06	8.25E-02	0.00E+00	6.17E-01	1.60E-09	6.17E-01	6.99E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	4.99E-03
WH36910903Q	1.84E-04	8.62E-02	1.57E-02	6.58E-02	1.13E-13	0.00E+00	9.20E-01	8.85E-07	8.48E-05	5.38E-04	0.00E+00	1.65E-03	7.03E-09	2.06E-10	9.79E-03	1.75E-04	5.73E-03	5.41E-04	1.21E-04	2.64E-02	6.17E-01	0.00E+00	8.33E-10	1.08E-09	1.25E-04	3.30E-06	8.25E-02	0.00E+00	6.17E-01	1.60E-09	6.17E-01	6.99E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	4.99E-03
WH36910905Q	1.84E-04	8.62E-02	1.57E-02	6.58E-02	1.13E-13	0.00E+00	9.20E-01	8.85E-07	8.48E-05	5.38E-04	0.00E+00	1.65E-03	7.03E-09	2.06E-10	9.79E-03	1.75E-04	5.73E-03	5.41E-04	1.21E-04	2.64E-02	6.17E-01	0.00E+00	8.33E-10	1.08E-09	1.25E-04	3.30E-06	8.25E-02	0.00E+00	6.17E-01	1.60E-09	6.17E-01	6.99E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	4.99E-03
WH36910949Q	1.84E-04	8.62E-02	1.57E-02	6.58E-02	1.13E-13	0.00E+00	9.20E-01	8.85E-07	8.48E-05	5.38E-04	0.00E+00	1.65E-03	7.03E-09	2.06E-10	9.79E-03	1.75E-04	5.73E-03	5.41E-04	1.21E-04	2.64E-02	6.17E-01	0.00E+00	8.33E-10	1.08E-09	1.25E-04	3.30E-06	8.25E-02	0.00E+00	6.17E-01	1.60E-09	6.17E-01	6.99E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	4.99E-03
WH36911000C	1.73E-04	8.08E-02	1.47E-02	6.19E-02	1.27E-13	0.00E+00	8.66E-01	8.33E-07	7.98E-05	5.07E-04	0.00E+00	1.55E-03	6.62E-09	1.94E-10	9.22E-03	1.64E-04	5.40E-03	5.23E-04	1.14E-04	2.48E-02	5.81E-01	0.00E+00	7.85E-10	1.02E-09	1.18E-04	3.11E-06	7.77E-02	0.00E+00	5.81E-01	1.50E-09	5.81E-01	6.58E-01	7.77E-02	0.00E+00	0.00E+00	0.00E+00	4.70E-03
WH36911003C	1.73E-04	8.08E-02	1.47E-02	6.19E-02	1.27E-13	0.00E+00	8.66E-01	8.33E-07	7.98E-05	5.07E-04	0.00E+00	1.55E-03	6.62E-09	1.94E-10	9.22E-03	1.64E-04	5.40E-03	5.23E-04	1.14E-04	2.48E-02	5.81E-01	0.00E+00	7.85E-10	1.02E-09	1.18E-04	3.11E-06	7.77E-02	0.00E+00	5.81E-01	1.50E-09	5.81E-01	6.58E-01	7.77E-02	0.00E+00	0.00E+00	0.00E+00	4.70E-03
WH36912300C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912300Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912303C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912303Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912349C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912349Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912400C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912400Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912403C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912403Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912405C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912405Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912449C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912449Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912500C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912500Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912503C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912503Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912505C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912505Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912549C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912549Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912600C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912600Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912603C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912603Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912605C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912605Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912649C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH36912649Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH37580300D	1.58E-05	7.00E-03	1.32E-03	5.68E-03	0.00E+00	0.00E+00	8.19E-02	7.78E-08	7.54E-06	4.68E-05	0.00E+00	1.38E-04	6.26E-10	1.83E-11	8.46E-04	1.51E-05	4.67E-04	0.00E+00	9.86E-06	2.33E-03	5.39E-02	0.00E+00	7.28E-11	9.43E-11	1.09E-05	2.79E-07	7.19E-03	0.00E+00	5.39E-02	1.32E-10	5.39E-02	6.11E-02	7.19E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
WH37580300DM	1.81E-04	8.98E-02	1.64E-02	6.46E-02	1.47E-13	0.00E+00	9.10E-01	8.73E-07	8.39E-05	5.29E-04	0.00E+00	1.73E-03	6.96E-09	2.04E-10	9.63E-03	1.71E-04	5.58E-03	3.57E-04	1.27E-04	2.62E-02	6.07E-01	0.00E+00	8.20E-10	1.07E-09	1.23E-04	3.21E-06	8.12E-02	0.00E+00	6.07E-01	1.67E-09	6.07E-01	6.88E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-03
WH37580305D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH37580305DM	1.81E-04	8.98E-02	1.64E-02	6.46E-02	1.47E-13	0.00E+00	9.10E-01	8.73E-07	8.39E-05	5.29E-04	0.00E+00	1.73E-03	6.96E-09	2.04E-10	9.63E-03	1.71E-04	5.58E-03	3.57E-04	1.27E-04	2.62E-02	6.07E-01	0.00E+00	8.20E-10	1.07E-09	1.23E-04	3.21E-06	8.12E-02	0.00E+00	6.07E-01	1.67E-09	6.07E-01	6.88E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-03
WH37580306DM	1.81E-04	8.98E-02	1.64E-02	6.46E-02	1.47E-13	0.00E+00	9.10E-01	8.73E-07	8.39E-05	5.29E-04	0.00E+00	1.73E-03	6.96E-09	2.04E-10	9.63E-03	1.71E-04	5.58E-03	3.57E-04	1.27E-04	2.62E-02	6.07E-01	0.00E+00	8.20E-10	1.07E-09	1.23E-04	3.21E-06	8.12E-02	0.00E+00	6.07E-01	1.67E-09	6.07E-01	6.88E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-03
WH37581400D	1.71E-05	7.00E-03	1.32E-03	5.68E-03	0.00E+00	0.00E+00	8.19E-02	7.78E-08	7.54E-06	4.68E-05	0.00E+00	1.38E-04	6.26E-10	1.83E-11	8.46E-04	1.51E-05	4.67E-04	0.00E+00	9.86E-06	2.33E-03	5.39E-02	0.00E+00	7.28E-11	9.43E-11	1.09E-05	2.79E-07	7.19E-03	0.00E+00	5.39E-02	1.32E-10	5.39E-02	6.11E-02	7.19E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
WH37581405D	1.18E-06	4.99E-05	5.65E-07	4.16E-04	2.60E-14	0.00E+00	5.19E-03	5.24E-09	4.83E-07	3.39E-06	0.00E+00	3.92E-07	3.97E-11	1.15E-12	6.11E-05	1.13E-06	4.11E-05	2.03E-05	4.61E-08	1.46E-04	3.80E-03	0.00E+00	5.19E-12	6.82E-12	7.79E-07	2.35E-08	5.15E-04	0.00E+00	3.80E-03	1.03E-12	3.80E-03	4.31E-03	5.15E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-05
WH37581406D	1.18E-06	4.99E-05	5.65E-07	4.16E-04	2.60E-14	0.00E+00	5.19E-03	5.24E-09	4.83E-07	3.39E-06	0.00E+00	3.92E-07	3.97E-11	1.15E-12	6.11E-05	1.13E-06	4.11E-05	2.03E-05	4.61E-08	1.46E-04	3.80E-03	0.00E+00	5.19E-12	6.82E-12	7.79E-07	2.35E-08	5.15E-04	0.00E+00	3.80E-03	1.03E-12	3.80E-03	4.31E-03	5.15E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-05
WH37581411D	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH37581429D	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH375814E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH37583300D	1.81E-04	8.98E-02	1.64E-02	6.46E-02	1.47E-13	0.00E+00	9.10E-01	8.73E-07	8.39E-05	5.29E-04	0.00E+00	1.73E-03	6.96E-09	2.04E-10	9.63E-03	1.71E-04	5.58E-03	3.57E-04	1.27E-04	2.62E-02	6.07E-01	0.00E+00	8.20E-10	1.07E-09	1.23E-04	3.21E-06	8.12E-02	0.00E+00	6.07E-01	1.67E-09	6.07E-01	6.88E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-03
WH37583300DM	1.75E-04	8.71E-02	1.59E-02	6.27E-02	1.40E-13	0.00E+00	8.83E-01	8.47E-07	8.14E-05	5.13E-04	0.00E+00	1.68E-03	6.75E-09	1.98E-10	9.34E-03	1.66E-04	5.41E-03	3.48E-04	1.23E-04	2.54E-02	5.89E-01	0.00E+00	7.95E-10	1.03E-09	1.20E-04	3.12E-06	7.87E-02	0.00E+00	5.89E-01	1.62E-09	5.89E-01	6.68E-01	7.87E-02	0.00E+00	0.00E+00	0.00E+00	4.73E-03
WH37583305D	1.81E-04	8.98E-02	1.64E-02	6.46E-02	1.47E-13	0.00E+00	9.10E-01	8.73E-07	8.39E-05	5.29E-04	0.00E+00	1.73E-03	6.96E-09	2.04E-10	9.63E-03	1.71E-04	5.58E-03	3.57E-04	1.27E-04	2.62E-02	6.07E-01	0.00E+00	8.20E-10	1.07E-09	1.23E-04	3.21E-06	8.12E-02	0.00E+00	6.07E-01	1.67E-09	6.07E-01	6.88E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-03
WH37583306D	1.81E-04	8.98E-02	1.64E-02	6.46E-02	1.47E-13	0.00E+00	9.10E-01	8.73E-07	8.39E-05	5.29E-04	0.00E+00	1.73E-03	6.96E-09	2.04E-10	9.63E-03	1.71E-04	5.58E-03	3.57E-04	1.27E-04	2.62E-02	6.07E-01	0.00E+00	8.20E-10	1.07E-09	1.23E-04	3.21E-06	8.12E-02	0.00E+00	6.07E-01	1.67E-09	6.07E-01	6.88E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-03
WH37585300D	1.58E-05	7.00E-03	1.32E-03	5.68E-03	0.00E+00	0.00E+00	8.19E-02	7.78E-08	7.54E-06	4.68E-05	0.00E+00	1.38E-04	6.26E-10	1.83E-11	8.46E-04	1.51E-05	4.67E-04	0.00E+00	9.86E-06	2.33E-03	5.39E-02	0.00E+00	7.28E-11	9.43E-11	1.09E-05	2.79E-07	7.19E-03	0.00E+00	5.39E-02	1.32E-10	5.39E-02	6.11E-02	7.19E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
WH37585300DM	1.58E-05	7.00E-03	1.32E-03	5.68E-03	0.00E+00	0.00E+00	8.19E-02	7.78E-08	7.54E-06	4.68E-05	0.00E+00	1.38E-04	6.26E-10	1.83E-11	8.46E-04	1.51E-05	4.67E-04	0.00E+00	9.86E-06	2.33E-03	5.39E-02	0.00E+00	7.28E-11	9.43E-11	1.09E-05	2.79E-07	7.19E-03	0.00E+00	5.39E-02	1.32E-10	5.39E-02	6.11E-02	7.19E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
WH37585305D	1.58E-05	7.00E-03	1.32E-03	5.68E-03	0.00E+00	0.00E+00	8.19E-02	7.78E-08	7.54E-06	4.68E-05	0.00E+00	1.38E-04	6.26E-10	1.83E-11	8.46E-04	1.51E-05	4.67E-04	0.00E+00	9.86E-06	2.33E-03	5.39E-02	0.00E+00	7.28E-11	9.43E-11	1.09E-05	2.79E-07	7.19E-03	0.00E+00	5.39E-02	1.32E-10	5.39E-02	6.11E-02	7.19E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
WH37585305DM	1.75E-04	8.71E-02	1.59E-02	6.27E-02	1.40E-13	0.00E+00	8.83E-01	8.47E-07	8.14E-05	5.13E-04	0.00E+00	1.68E-03	6.75E-09	1.98E-10	9.34E-03	1.66E-04	5.41E-03	3.48E-04	1.23E-04	2.54E-02	5.89E-01	0.00E+00	7.95E-10	1.03E-09	1.20E-04	3.12E-06	7.87E-02	0.00E+00	5.89E-01	1.62E-09	5.89E-01	6.68E-01	7.87E-02	0.00E+00	0.00E+00	0.00E+00	4.73E-03
WH37585306D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH37585306DM	1.75E-04	8.71E-02	1.59E-02	6.27E-02	1.40E-13	0.00E+00	8.83E-01	8.47E-07	8.14E-05	5.13E-04	0.00E+00	1.68E-03	6.75E-09	1.98E-10	9.34E-03	1.66E-04	5.41E-03	3.48E-04	1.23E-04	2.54E-02	5.89E-01	0.00E+00	7.95E-10	1.03E-09	1.20E-04	3.12E-06	7.87E-02	0.00E+00	5.89E-01	1.62E-09	5.89E-01	6.68E-01	7.87E-02	0.00E+00	0.00E+00	0.00E+00	4.73E-03
WH37586400D	1.62E-05	7.20E-03	1.36E-03	5.85E-03	0.00E+00	0.00E+00	8.42E-02	8.01E-08	7.75E-06	4.82E-05	0.00E+00	1.42E-04	6.44E-10	1.88E-11	8.70E-04	1.56E-05	4.80E-04	0.00E+00	1.01E-05	2.40E-03	5.54E-02	0.00E+00	7.49E-11	9.70E-11	1.13E-05	2.87E-07	7.39E-03	0.00E+00	5.54E-02	1.36E-10	5.54E-02	6.28E-02	7.39E-03	0.00E+00	0.00E+00	0.00E+00	4.36E-04
WH37586405D	1.71E-05	7.00E-03	1.32E-03	5.68E-03	0.00E+00	0.00E+00	8.19E-02	7.78E-08	7.54E-06	4.68E-05	0.00E+00	1.38E-04	6.26E-10	1.83E-11	8.46E-04	1.51E-05	4.67E-04	0.00E+00	9.86E-06	2.33E-03	5.39E-02	0.00E+00	7.28E-11	9.43E-11	1.09E-05	2.79E-07	7.19E-03	0.00E+00	5.39E-02	1.32E-10	5.39E-02	6.11E-02	7.19E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
WH37586406D	1.71E-05	7.00E-03	1.32E-03	5.68E-03	0.00E+00	0.00E+00	8.19E-02	7.78E-08	7.54E-06	4.68E-05	0.00E+00	1.38E-04	6.26E-10	1.83E-11	8.46E-04	1.51E-05	4.67E-04	0.00E+00	9.86E-06	2.33E-03	5.39E-02	0.00E+00	7.28E-11	9.43E-11	1.09E-05	2.79E-07	7.19E-03	0.00E+00	5.39E-02	1.32E-10	5.39E-02	6.11E-02	7.19E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
WH37586411D	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH37586429D	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH37588300D	1.81E-04	8.98E-02	1.64E-02	6.46E-02	1.47E-13	0.00E+00	9.10E-01	8.73E-07	8.39E-05	5.29E-04	0.00E+00	1.73E-03	6.96E-09	2.04E-10	9.63E-03	1.71E-04	5.58E-03	3.57E-04	1.27E-04	2.62E-02	6.07E-01	0.00E+00	8.20E-10	1.07E-09	1.23E-04	3.21E-06	8.12E-02	0.00E+00	6.07E-01	1.67E-09	6.07E-01	6.88E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-03
WH37588305D	1.81E-04	8.98E-02	1.64E-02	6.46E-02	1.47E-13	0.00E+00	9.10E-01	8.73E-07	8.39E-05	5.29E-04	0.00E+00	1.73E-03	6.96E-09	2.04E-10	9.63E-03	1.71E-04	5.58E-03	3.57E-04	1.27E-04	2.62E-02	6.07E-01	0.00E+00	8.20E-10	1.07E-09	1.23E-04	3.21E-06	8.12E-02	0.00E+00	6.07E-01	1.67E-09	6.07E-01	6.88E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-03
WH37588306D	1.81E-04	8.98E-02	1.64E-02	6.46E-02	1.47E-13	0.00E+00	9.10E-01	8.73E-07	8.39E-05	5.29E-04	0.00E+00	1.73E-03	6.96E-09	2.04E-10	9.63E-03	1.71E-04	5.58E-03	3.57E-04	1.27E-04	2.62E-02	6.07E-01	0.00E+00	8.20E-10	1.07E-09	1.23E-04	3.21E-06	8.12E-02	0.00E+00	6.07E-01	1.67E-09	6.07E-01	6.88E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-03
WH37590200D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37590205D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37590206D	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH37593200D	2.73E-04	1.35E-01	2.46E-02	9.76E-02	1.78E-13	0.00E+00	1.37E+00	1.32E-06	1.27E-04	7.98E-04	0.00E+00	2.60E-03	1.05E-08	3.07E-10	1.45E-02	2.59E-04	8.43E-03	5.69E-04	1.90E-04	3.95E-02	9.17E-01	0.00E+00	1.24E-09	1.61E-09	1.86E-04	4.86E-06	1.23E-01	0.00E+00	9.17E-01	2.51E-09	9.17E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-03
WH37593205D	2.73E-04	1.35E-01	2.46E-02	9.76E-02	1.78E-13	0.00E+00	1.37E+00	1.32E-06	1.27E-04	7.98E-04	0.00E+00	2.60E-03	1.05E-08	3.07E-10	1.45E-02	2.59E-04	8.43E-03	5.69E-04	1.90E-04	3.95E-02	9.17E-01	0.00E+00	1.24E-09	1.61E-09	1.86E-04	4.86E-06	1.23E-01	0.00E+00	9.17E-01	2.51E-09	9.17E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-03
WH37595200D	2.12E-05	9.39E-03	1.77E-03	7.62E-03	0.00E+00	0.00E+00	1.10E-01	1.04E-07	1.01E-05	6.28E-05	0.00E+00	1.86E-04	8.40E-10	2.45E-11	1.13E-03	2.03E-05	6.26E-04	0.00E+00	1.32E-05	3.12E-03	7.22E-02	0.00E+00	9.76E-11	1.26E-10	1.47E-05	3.74E-07	9.63E-03	0.00E+00	7.22E-02	1.77E-10	7.22E-02	8.18E-02	9.63E-03	0.00E+00	0.00E+00	0.00E+00	5.68E-04
WH37595205D	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WH37595206D	3.06E-06	1.37E-03	2.49E-04	1.09E-03	5.00E-15	0.00E+00	1.52E-02	1.47E-08	1.40E-06	8.94E-06	0.00E+00	2.63E-05	1.16E-10	3.40E-12	1.63E-04	2.90E-06	9.58E-05	1.10E-05	1.93E-06	4.36E-04	1.02E-02	0.00E+00	1.38E-11	1.80E-11	2.08E-06	5.51E-08	1.37E-03	0.00E+00	1.02E-02	2.56E-11	1.02E-02	1.16E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05
WH37596200D	5.82E-05	2.74E-02	4.97E-03	2.08E-02	3.10E-14	0.00E+00	2.91E-01	2.80E-07	2.68E-05	1.70E-04	0.00E+00	5.25E-04	2.22E-09	6.51E-11	3.10E-03	5.52E-05	1.81E-03	1.68E-04	3.85E-05	8.35E-03	1.95E-01	0.00E+00	2.64E-10	3.43E-10	3.96E-05	1.04E-06	2.61E-02	0.00E+00	1.95E-01	5.09E-10	1.95E-01	2.21E-01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
WH37596205D	2.73E-04	1.35E-01	2.46E-02	9.76E-02	1.78E-13	0.00E+00	1.37E+00	1.32E-06	1.27E-04	7.98E-04	0.00E+00	2.60E-03	1.05E-08	3.07E-10	1.45E-02	2.59E-04	8.43E-03	5.69E-04	1.90E-04	3.95E-02	9.17E-01	0.00E+00	1.24E-09	1.61E-09	1.86E-04	4.86E-06	1.23E-01	0.00E+00	9.17E-01	2.51E-09	9.17E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-03
WH37596206D	2.73E-04	1.35E-01	2.46E-02	9.76E-02	1.78E-13	0.00E+00	1.37E+00	1.32E-06	1.27E-04	7.98E-04	0.00E+00	2.60E-03	1.05E-08	3.07E-10	1.45E-02	2.59E-04	8.43E-03	5.69E-04	1.90E-04	3.95E-02	9.17E-01	0.00E+00	1.24E-09	1.61E-09	1.86E-04	4.86E-06	1.23E-01	0.00E+00	9.17E-01	2.51E-09	9.17E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-03
WH37620300D	2.12E-05	9.39E-03	1.77E-03	7.62E-03	0.00E+00	0.00E+00	1.10E-01	1.04E-07	1.01E-05	6.28E-05	0.00E+00	1.86E-04	8.40E-10	2.45E-11	1.13E-03	2.03E-05	6.26E-04	0.00E+00	1.32E-05	3.12E-03	7.22E-02	0.00E+00	9.76E-11	1.26E-10	1.47E-05	3.74E-07	9.63E-03	0.00E+00	7.22E-02	1.77E-10	7.22E-02	8.18E-02	9.63E-03	0.00E+00	0.00E+00	0.00E+00	5.68E-04
WH37620305D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37620306D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03

WH37620700D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37623300D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37623305D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37625300D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37625305D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37625306D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37625700D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37628306D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37629000D	8.30E-05	3.68E-02	6.94E-03	2.99E-02	0.00E+00	0.00E+00	4.31E-01	4.09E-07	3.96E-05	2.46E-04	0.00E+00	7.28E-04	3.29E-09	9.63E-11	4.45E-03	7.97E-05	2.46E-03	0.00E+00	5.19E-05	1.22E-02	2.83E-01	0.00E+00	3.83E-10	4.96E-10	5.76E-05	1.47E-06	3.78E-02	0.00E+00	2.83E-01	6.95E-10	2.83E-01	3.21E-01	3.78E-02	0.00E+00	0.00E+00	0.00E+00	2.23E-03
WH37629100D	8.48E-05	3.87E-02	6.94E-03	3.17E-02	0.00E+00	0.00E+00	4.32E-01	4.20E-07	4.00E-05	2.51E-04	0.00E+00	7.32E-04	3.29E-09	9.71E-11	4.75E-03	7.97E-05	2.92E-03	5.08E-04	5.55E-05	1.32E-02	2.90E-01	0.00E+00	3.87E-10	5.08E-10	5.85E-05	1.53E-06	3.88E-02	0.00E+00	2.90E-01	7.21E-10	2.90E-01	3.28E-01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
WH37640300D	2.12E-05	9.39E-03	1.77E-03	7.62E-03	0.00E+00	0.00E+00	1.10E-01	1.04E-07	1.01E-05	6.28E-05	0.00E+00	1.86E-04	8.40E-10	2.45E-11	1.13E-03	2.03E-05	6.26E-04	0.00E+00	1.32E-05	3.12E-03	7.22E-02	0.00E+00	9.76E-11	1.26E-10	1.47E-05	3.74E-07	9.63E-03	0.00E+00	7.22E-02	1.77E-10	7.22E-02	8.18E-02	9.63E-03	0.00E+00	0.00E+00	0.00E+00	5.68E-04
WH37640305D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH37640306D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37640700D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH37640705D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37643300D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37643306D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37645300D	2.12E-05	9.39E-03	1.77E-03	7.62E-03	0.00E+00	0.00E+00	1.10E-01	1.04E-07	1.01E-05	6.28E-05	0.00E+00	1.86E-04	8.40E-10	2.45E-11	1.13E-03	2.03E-05	6.26E-04	0.00E+00	1.32E-05	3.12E-03	7.22E-02	0.00E+00	9.76E-11	1.26E-10	1.47E-05	3.74E-07	9.63E-03	0.00E+00	7.22E-02	1.77E-10	7.22E-02	8.18E-02	9.63E-03	0.00E+00	0.00E+00	0.00E+00	5.68E-04
WH37645305D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37645306D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37645700D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37645705D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37648300D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37648305D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37648306D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37649000D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH37649100D	8.48E-05	3.87E-02	6.94E-03	3.17E-02	0.00E+00	0.00E+00	4.32E-01	4.20E-07	4.00E-05	2.51E-04	0.00E+00	7.32E-04	3.29E-09	9.71E-11	4.75E-03	7.97E-05	2.92E-03	5.08E-04	5.55E-05	1.32E-02	2.90E-01	0.00E+00	3.87E-10	5.08E-10	5.85E-05	1.53E-06	3.88E-02	0.00E+00	2.90E-01	7.21E-10	2.90E-01	3.28E-01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
WH37660205D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37660590D	8.30E-05	3.68E-02	6.94E-03	2.99E-02	0.00E+00	0.00E+00	4.31E-01	4.09E-07	3.96E-05	2.46E-04	0.00E+00	7.28E-04	3.29E-09	9.63E-11	4.45E-03	7.97E-05	2.46E-03	0.00E+00	5.19E-05	1.22E-02	2.83E-01	0.00E+00	3.83E-10	4.96E-10	5.76E-05	1.47E-06	3.78E-02	0.00E+00	2.83E-01	6.95E-10	2.83E-01	3.21E-01	3.78E-02	0.00E+00	0.00E+00	0.00E+00	2.23E-03
WH37660900D	2.16E-05	1.25E-02	1.38E-03	1.11E-02	0.00E+00	0.00E+00	9.01E-02	1.10E-07	8.78E-06	6.08E-05	0.00E+00	1.56E-04	6.57E-10	2.16E-11	1.72E-03	1.59E-05	1.78E-03	1.44E-03	2.06E-05	5.01E-03	7.41E-02	0.00E+00	8.85E-11	1.34E-10	1.40E-05	4.67E-07	1.03E-02	0.00E+00	7.41E-02	2.11E-10	7.41E-02	8.44E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	8.84E-04
WH37661000D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH37661005D	9.24E-04	4.61E-01	8.43E-02	3.31E-01	8.27E-13	0.00E+00	4.66E+00	4.47E-06	4.29E-04	2.71E-03	0.00E+00	8.88E-03	3.56E-08	1.04E-09	4.93E-02	8.76E-04	2.85E-02	1.78E-03	6.50E-04	1.34E-01	3.11E+00	0.00E+00	4.20E-09	5.45E-09	6.31E-04	1.64E-05	4.15E-01	0.00E+00	3.11E+00	8.58E-09	3.11E+00	3.52E+00	4.15E-01	0.00E+00	0.00E+00	0.00E+00	2.49E-02
WH37661006D	1.66E-05	7.37E-03	1.39E-03	5.98E-03	0.00E+00	0.00E+00	8.61E-02	8.19E-08	7.93E-06	4.93E-05	0.00E+00	1.46E-04	6.59E-10	1.93E-11	8.90E-04	1.59E-05	4.91E-04	0.00E+00	1.04E-05	2.45E-03	5.67E-02	0.00E+00	7.66E-11	9.92E-11	1.15E-05	2.94E-07	7.56E-03	0.00E+00	5.67E-02	1.39E-10	5.67E-02	6.42E-02	7.56E-03	0.00E+00	0.00E+00	0.00E+00	4.45E-04
WH37682100D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37682200D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37682300D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37682400D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37682500D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37682600D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37683100D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37683106D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37683200D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37683205D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37683206D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37683300D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37683305D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37683306D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37683400D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37683406D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37683500D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37683506D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37683600D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37683606D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37685300D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37685400D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37685500D	2.45E-04	1.22E-01	2.24E-02	8.76E-02	2.30E-13	0.00E+00	1.24E+00	1.18E-06	1.14E-04	7.17E-04	0.00E+00	2.36E-03	9.44E-09	2.76E-10	1.31E-02	2.32E-04	7.56E-03	4.63E-04	1.72E-04	3.55E-02	8.23E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.35E-06	1.10E-01	0.00E+00	8.23E-01	2.28E-09	8.23E-01	9.33E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WH37687000D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37687100D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37687200D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37687300D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37687305D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37687400D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WH37687405D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37687500D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37687505D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37687506D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37687600D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37687605D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37687700D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37687800D	2.75E-04	1.36E-01	2.49E-02	9.86E-02	1.82E-13	0.00E+00	1.39E+00	1.33E-06	1.28E-04	8.06E-04	0.00E+00	2.62E-03	1.06E-08	3.10E-10	1.47E-02	2.61E-04	8.52E-03	5.73E-04	1.92E-04	3.99E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.90E-06	1.24E-01	0.00E+00	9.26E-01	2.53E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.44E-03
WH37693300D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37693400D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37732100D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37732200D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37732300D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37733100D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37733200D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37733300D	6.54E-06	1.52E-03	2.47E-04	2.31E-03	8.10E-14	0.00E+00	3.04E-02	3.01E-08	2.82E-06	1.89E-05	0.00E+00	2.75E-05	2.33E-10	6.78E-12	3.42E-04	6.22E-06	2.17E-04	7.06E-05	2.07E-06	8.63E-04	2.14E-02	0.00E+00	2.91E-11	3.80E-11	4.37E-06	1.24E-07	2.88E-03	0.00E+00	2.14E-02	2.86E-11	2.14E-02	2.43E-02	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04
WH37893400D	2.73E-04	1.35E-01	2.46E-02	9.76E-02	1.78E-13	0.00E+00	1.37E+00	1.32E-06	1.27E-04	7.98E-04	0.00E+00	2.60E-03	1.05E-08	3.07E-10	1.45E-02	2.59E-04	8.43E-03	5.69E-04	1.90E-04	3.95E-02	9.17E-01	0.00E+00	1.24E-09	1.61E-09	1.86E-04	4.86E-06	1.23E-01	0.00E+00	9.17E-01	2.51E-09	9.17E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-03
WH385703E	3.33E-04	1.63E-01	2.98E-02	1.19E-01	1.68E-13	0.00E+00	1.67E+00	1.61E-06	1.54E-04	9.74E-04	0.00E+00	3.15E-03	1.28E-08	3.75E-10	1.77E-02	3.16E-04	1.03E-02	7.27E-04	2.30E-04	4.81E-02	1.12E+00	0.00E+00	1.51E-09	1.96E-09	2.27E-04	5.93E-06	1.50E-01	0.00E+00	1.12E+00	3.04E-09	1.12E+00	1.27E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	9.00E-03
WH38585300D	1.07E-04	5.29E-02	9.68E-03	3.82E-02	7.90E-14	0.00E+00	5.38E-01	5.16E-07	4.96E-05	3.13E-04	0.00E+00	1.02E-03	4.11E-09	1.20E-10	5.69E-03	1.01E-04	3.30E-03	2.16E-04	7.46E-05	1.55E-02	3.59E-01	0.00E+00	4.85E-10	6.30E-10	7.29E-05	1.90E-06	4.80E-02	0.00E+00	3.59E-01	9.85E-10	3.59E-01	4.07E-01	4.80E-02	0.00E+00	0.00E+00	0.00E+00	2.88E-03
WH38585305D	2.21E-05	1.83E-02	1.00E-02	8.28E-03	4.84E-11	0.00E+00	1.07E-01	1.01E-07	1.03E-05	6.58E-05	0.00E+00	1.86E-04	8.09E-10	2.27E-11	9.73E-04	1.98E-05	1.50E-07	5.52E-03	4.87E-05	2.70E-03	7.20E-02	0.00E+00	9.98E-11	1.28E-10	1.54E-05	4.71E-07	9.83E-03	0.00E+00	7.20E-02	3.55E-10	7.20E-02	8.18E-02	9.83E-03	0.00E+00	0.00E+00	0.00E+00	6.21E-04
WH38585306D	1.07E-04	5.29E-02	9.68E-03	3.82E-02	7.90E-14	0.00E+00	5.38E-01	5.16E-07	4.96E-05	3.13E-04	0.00E+00	1.02E-03	4.11E-09	1.20E-10	5.69E-03	1.01E-04	3.30E-03	2.16E-04	7.46E-05	1.55E-02	3.59E-01	0.00E+00	4.85E-10	6.30E-10	7.29E-05	1.90E-06	4.80E-02	0.00E+00	3.59E-01	9.85E-10	3.59E-01	4.07E-01	4.80E-02	0.00E+00	0.00E+00	0.00E+00	2.88E-03
WH38750400Z	1.66E-04	8.17E-02	1.49E-02	5.95E-02	8.40E-14	0.00E+00	8.37E-01	8.04E-07	7.72E-05	4.87E-04	0.00E+00	1.57E-03	6.40E-09	1.87E-10	8.87E-03	1.58E-04	5.15E-03	3.64E-04	1.15E-04	2.41E-02	5.59E-01	0.00E+00	7.55E-10	9.82E-10	1.14E-04	2.97E-06	7.48E-02	0.00E+00	5.59E-01	1.52E-09	5.59E-01	6.34E-01	7.48E-02	0.00E+00	0.00E+00	0.00E+00	4.50E-03
WH39620300D	2.12E-05	9.39E-03	1.77E-03	7.62E-03	0.00E+00	0.00E+00	1.10E-01	1.04E-07	1.01E-05	6.28E-05	0.00E+00	1.86E-04	8.40E-10	2.45E-11	1.13E-03	2.03E-05	6.26E-04	0.00E+00	1.32E-05	3.12E-03	7.22E-02	0.00E+00	9.76E-11	1.26E-10	1.47E-05	3.74E-07	9.63E-03	0.00E+00	7.22E-02	1.77E-10	7.22E-02	8.18E-02	9.63E-03	0.00E+00	0.00E+00	0.00E+00	5.68E-04

WH39620305D	3.83E-04	1.90E-01	3.48E-02	1.37E-01	3.21E-13	0.00E+00	1.93E+00	1.85E-06	1.78E-04	1.12E-03	0.00E+00	3.67E-03	1.47E-08	4.31E-10	2.04E-02	3.63E-04	1.18E-02	7.50E-04	2.68E-04	5.54E-02	1.29E+00	0.00E+00	1.74E-09	2.26E-09	2.61E-04	6.81E-06	1.72E-01	0.00E+00	1.29E+00	3.54E-09	1.29E+00	1.46E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH39620400D	6.64E-06	2.95E-03	5.55E-04	2.39E-03	0.00E+00	0.00E+00	3.45E-02	3.28E-08	3.17E-06	1.97E-05	0.00E+00	5.83E-05	2.64E-10	7.70E-12	3.56E-04	6.37E-06	1.97E-04	0.00E+00	4.15E-06	9.80E-04	2.27E-02	0.00E+00	3.06E-11	3.97E-11	4.61E-06	1.18E-07	3.02E-03	0.00E+00	2.27E-02	5.56E-11	2.27E-02	2.57E-02	3.02E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04
WHDY11580100C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WHDY11592200C	5.82E-06	2.74E-03	4.97E-04	2.08E-03	3.00E-15	0.00E+00	2.91E-02	2.80E-08	2.68E-06	1.70E-05	0.00E+00	5.25E-05	2.22E-10	6.50E-12	3.10E-04	5.52E-06	1.81E-04	1.67E-05	3.85E-06	8.35E-04	1.95E-02	0.00E+00	2.63E-11	3.43E-11	3.96E-06	1.04E-07	2.61E-03	0.00E+00	1.95E-02	5.09E-11	1.95E-02	2.21E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
WHDY11640100C	3.55E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.70E-05	1.05E-04	0.00E+00	3.12E-04	1.41E-09	4.12E-11	1.90E-03	3.41E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.29E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.53E-04
WHDY14580100Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WHDY14585400Q	2.50E-04	1.21E-01	2.21E-02	8.94E-02	6.00E-14	0.00E+00	1.26E+00	1.21E-06	1.16E-04	7.31E-04	0.00E+00	2.33E-03	9.60E-09	2.81E-10	1.33E-02	2.37E-04	7.74E-03	5.90E-04	1.71E-04	3.60E-02	8.39E-01	0.00E+00	1.13E-09	1.47E-09	1.70E-04	4.46E-06	1.12E-01	0.00E+00	8.39E-01	2.26E-09	8.39E-01	9.51E-01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	6.76E-03
WHDY14592200Q	2.44E-04	1.19E-01	2.16E-02	8.74E-02	5.30E-14	0.00E+00	1.23E+00	1.18E-06	1.13E-04	7.15E-04	0.00E+00	2.28E-03	9.39E-09	2.75E-10	1.30E-02	2.32E-04	7.58E-03	5.81E-04	1.67E-04	3.53E-02	8.21E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.36E-06	1.10E-01	0.00E+00	8.21E-01	2.21E-09	8.21E-01	9.30E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WHDY14595200Q	2.44E-04	1.19E-01	2.16E-02	8.74E-02	5.30E-14	0.00E+00	1.23E+00	1.18E-06	1.13E-04	7.15E-04	0.00E+00	2.28E-03	9.39E-09	2.75E-10	1.30E-02	2.32E-04	7.58E-03	5.81E-04	1.67E-04	3.53E-02	8.21E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.36E-06	1.10E-01	0.00E+00	8.21E-01	2.21E-09	8.21E-01	9.30E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WHDY14640500Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WHDY23580100Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WHDY23595200Q	2.44E-04	1.19E-01	2.16E-02	8.74E-02	5.30E-14	0.00E+00	1.23E+00	1.18E-06	1.13E-04	7.15E-04	0.00E+00	2.28E-03	9.39E-09	2.75E-10	1.30E-02	2.32E-04	7.58E-03	5.81E-04	1.67E-04	3.53E-02	8.21E-01	0.00E+00	1.11E-09	1.44E-09	1.67E-04	4.36E-06	1.10E-01	0.00E+00	8.21E-01	2.21E-09	8.21E-01	9.30E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
WHDY23620100Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WHDY23640100Q	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
WJA100B	1.61E-05	9.24E-03	1.05E-03	8.19E-03	0.00E+00	0.00E+00	6.81E-02	8.24E-08	6.61E-06	4.56E-05	0.00E+00	1.18E-04	4.98E-10	1.63E-11	1.27E-03	1.20E-05	1.30E-03	1.03E-03	1.52E-05	3.68E-03	5.54E-02	0.00E+00	6.66E-11	1.00E-10	1.05E-05	3.47E-07	7.70E-03	0.00E+00	5.54E-02	1.57E-10	5.54E-02	6.31E-02	7.70E-03	0.00E+00	0.00E+00	0.00E+00	6.51E-04
WJA102B	1.14E-04	5.70E-02	1.04E-02	4.08E-02	1.11E-13	0.00E+00	5.75E-01	5.52E-07	5.30E-05	3.34E-04	0.00E+00	1.10E-03	4.40E-09	1.29E-10	6.08E-03	1.08E-04	3.52E-03	2.13E-04	8.04E-05	1.65E-02	3.83E-01	0.00E+00	5.18E-10	6.73E-10	7.78E-05	2.03E-06	5.12E-02	0.00E+00	3.83E-01	1.06E-09	3.83E-01	4.34E-01	5.12E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
WJA122B	1.99E-04	9.89E-02	1.81E-02	7.12E-02	1.57E-13	0.00E+00	1.00E+00	9.63E-07	9.25E-05	5.83E-04	0.00E+00	1.91E-03	7.67E-09	2.24E-10	1.06E-02	1.89E-04	6.15E-03	3.97E-04	1.39E-04	2.88E-02	6.69E-01	0.00E+00	9.04E-10	1.17E-09	1.36E-04	3.54E-06	8.95E-02	0.00E+00	6.69E-01	1.84E-09	6.69E-01	7.59E-01	8.95E-02	0.00E+00	0.00E+00	0.00E+00	5.38E-03
WJA160B	1.32E-04	6.59E-02	1.21E-02	4.71E-02	1.28E-13	0.00E+00	6.64E-01	6.37E-07	6.12E-05	3.85E-04	0.00E+00	1.27E-03	5.08E-09	1.49E-10	7.02E-03	1.25E-04	4.06E-03	2.46E-04	9.29E-05	1.91E-02	4.43E-01	0.00E+00	5.98E-10	7.77E-10	8.99E-05	2.34E-06	5.92E-02	0.00E+00	4.43E-01	1.23E-09	4.43E-01	5.02E-01	5.92E-02	0.00E+00	0.00E+00	0.00E+00	3.55E-03
WJC100B	4.17E-05	2.06E-02	3.19E-03	1.74E-02	0.00E+00	0.00E+00	2.01E-01	2.09E-07	1.88E-05	1.22E-04	0.00E+00	3.42E-04	1.51E-09	4.60E-11	2.64E-03	3.66E-05	2.05E-03	1.03E-03	3.12E-05	7.46E-03	1.43E-01	0.00E+00	1.85E-10	2.53E-10	2.82E-05	8.00E-07	1.94E-02	0.00E+00	1.43E-01	3.71E-10	1.43E-01	1.62E-01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
WJC102B	2.15E-04	1.08E-01	1.97E-02	7.70E-02	2.10E-13	0.00E+00	1.09E+00	1.04E-06	1.00E-04	6.30E-04	0.00E+00	2.08E-03	8.30E-09	2.43E-10	1.15E-02	2.04E-04	6.64E-03	4.02E-04	1.52E-04	3.12E-02	7.23E-01	0.00E+00	9.77E-10	1.27E-09	1.47E-04	3.82E-06	9.67E-02	0.00E+00	7.23E-01	2.00E-09	7.23E-01	8.20E-01	9.67E-02	0.00E+00	0.00E+00	0.00E+00	5.81E-03
WJC122B	5.75E-05	2.61E-02	4.72E-03	2.05E-02	7.90E-14	0.00E+00	2.86E-01	2.76E-07	2.64E-05	1.68E-04	0.00E+00	5.00E-04	2.19E-09	6.40E-11	3.06E-03	5.46E-05	1.80E-03	1.98E-04	3.66E-05	8.21E-03	1.93E-01	0.00E+00	2.60E-10	3.39E-10	3.91E-05	1.03E-06	2.58E-02	0.00E+00	1.93E-01	4.86E-10	1.93E-01	2.18E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
WJC132B	5.35E-05	2.43E-02	4.39E-03	1.91E-02	7.40E-14	0.00E+00	2.66E-01	2.57E-07	2.46E-05	1.56E-04	0.00E+00	4.65E-04	2.04E-09	5.96E-11	2.85E-03	5.08E-05	1.67E-03	1.85E-04	3.41E-05	7.64E-03	1.79E-01	0.00E+00	2.42E-10	3.15E-10	3.64E-05	9.63E-07	2.40E-02	0.00E+00	1.79E-01	4.52E-10	1.79E-01	2.03E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
WJC142B	5.48E-05	2.51E-02	4.56E-03	1.96E-02	6.00E-14	0.00E+00	2.73E-01	2.63E-07	2.52E-05	1.60E-04	0.00E+00	4.82E-04	2.09E-09	6.11E-11	2.91E-03	5.20E-05	1.71E-03	1.79E-04	3.53E-05	7.84E-03	1.83E-01	0.00E+00	2.48E-10	3.23E-10	3.73E-05	9.84E-07	2.46E-02	0.00E+00	1.83E-01	4.68E-10	1.83E-01	2.08E-01	2.46E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
WJC157B	3.81E-05	1.83E-02	3.33E-03	1.36E-02	1.00E-15	0.00E+00	1.91E-01	1.83E-07	1.76E-05	1.11E-04	0.00E+00	3.51E-04	1.46E-09	4.27E-11	2.03E-03	3.61E-05	1.18E-03	9.68E-05	2.57E-05	5.48E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.59E-05	6.80E-07	1.71E-02	0.00E+00	1.28E-01	3.40E-10	1.28E-01	1.45E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
WJC160B	2.36E-04	1.18E-01	2.16E-02	8.45E-02	2.30E-13	0.00E+00	1.19E+00	1.14E-06	1.10E-04	6.92E-04	0.00E+00	2.28E-03	9.11E-09	2.67E-10	1.26E-02	2.24E-04	7.29E-03	4.42E-04	1.67E-04	3.43E-02	7.94E-01	0.00E+00	1.07E-09	1.39E-09	1.61E-04	4.20E-06	1.06E-01	0.00E+00	7.94E-01	2.20E-09	7.94E-01	9.01E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	6.38E-03
WJC162B	4.62E-05	2.04E-02	3.68E-03	1.65E-02	9.20E-14	0.00E+00	2.29E-01	2.21E-07	2.11E-05	1.35E-04	0.00E+00	3.90E-04	1.75E-09	5.12E-11	2.45E-03	4.39E-05	1.45E-03	1.78E-04	2.86E-05	6.57E-03	1.54E-01	0.00E+00	2.09E-10	2.72E-10	3.14E-05	8.34E-07	2.07E-02	0.00E+00	1.54E-01	3.80E-10	1.54E-01	1.75E-01	2.07E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
WMS51	4.80E-05	2.22E-02	3.31E-03	1.89E-02	0.00E+00	0.00E+00	2.09E-01	2.21E-07	1.97E-05	1.28E-04	0.00E+00	3.57E-04	1.57E-09	4.81E-11	2.87E-03	3.80E-05	2.33E-03	1.29E-03	3.40E-05	8.15E-03	1.51E-01	0.00E+00	1.94E-10	2.68E-10	2.97E-05	8.58E-07	2.05E-02	0.00E+00	1.51E-01	3.97E-10	1.51E-01	1.72E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
WMS81	4.80E-05	2.22E-02	3.31E-03	1.89E-02	0.00E+00	0.00E+00	2.09E-01	2.21E-07	1.97E-05	1.28E-04	0.00E+00	3.57E-04	1.57E-09	4.81E-11	2.87E-03	3.80E-05	2.33E-03	1.29E-03	3.40E-05	8.15E-03	1.51E-01	0.00E+00	1.94E-10	2.68E-10	2.97E-05	8.58E-07	2.05E-02	0.00E+00	1.51E-01	3.97E-10	1.51E-01	1.72E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
WMS812LN	6.01E-05	2.73E-02	4.94E-03	2.15E-02	8.10E-14	0.00E+00	2.99E-01	2.88E-07	2.76E-05	1.76E-04	0.00E+00	5.22E-04	2.29E-09	6.69E-11	3.20E-03	5.70E-05	1.88E-03	2.06E-04	3.83E-05	8.58E-03	2.01E-01	0.00E+00	2.72E-10	3.54E-10	4.09E-05	1.08E-06	2.69E-02	0.00E+00	2.01E-01	5.08E-10	2.01E-01	2.28E-01	2.69E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
WMS82	6.41E-05	2.93E-02	5.30E-03	2.29E-02	7.70E-14	0.00E+00	3.19E-01	3.08E-07	2.95E-05	1.87E-04	0.00E+00	5.61E-04	2.44E-09	7.14E-11	3.41E-03	6.08E-05	2.00E-03	2.14E-04	4.11E-05	9.16E-03	2.15E-01	0.00E+00	2.90E-10	3.77E-10	4.36E-05	1.15E-06	2.87E-02	0.00E+00	2.15E-01	5.45E-10	2.15E-01	2.43E-01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
WMSO100	1.64E-04	7.45E-02	1.34E-02	6.11E-02	0.00E+00	0.00E+00	8.35E-01	8.09E-07	7.71E-05	4.83E-04	0.00E+00	1.41E-03	6.36E-09	1.87E-10	9.13E-03	1.54E-04	5.58E-03	9.29E-04	1.07E-04	2.53E-02	5.59E-01	0.00E+00	7.48E-10	9.81E-10	1.13E-04	2.95E-06	7.48E-02	0.00E+00	5.59E-01	1.39E-09	5.59E-01	6.33E-01	7.48E-02	0.00E+00	0.00E+00	0.00E+00	4.59E-03
WMSS115	4.47E-05	2.04E-02	3.70E-03	1.60E-02	5.40E-14	0.00E+00	2.23E-01	2.14E-07	2.05E-05	1.31E-04	0.00E+00	3.91E-04	1.70E-09	4.98E-11	2.38E-03	4.24E-05	1.40E-03	1.49E-04	2.87E-05	6.38E-03	1.50E-01	0.00E+00	2.02E-10	2.63E-10	3.04E-05	8.03E-07	2.00E-02	0.00E+00	1.50E-01	3.80E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
WMSS81	4.80E-05	2.22E-02	3.31E-03	1.89E-02	0.00E+00	0.00E+00	2.09E-01	2.21E-07	1.97E-05	1.28E-04	0.00E+00	3.57E-04	1.57E-09	4.81E-11	2.87E-03	3.80E-05	2.33E-03	1.29E-03	3.40E-05	8.15E-03	1.51E-01	0.00E+00	1.94E-10	2.68E-10	2.97E-05	8.58E-07	2.05E-02	0.00E+00	1.51E-01	3.97E-10	1.51E-01	1.72E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
WMSS81G	4.16E-05	1.91E-02	3.47E-03	1.49E-02	4.40E-14	0.00E+00	2.07E-01	2.00E-07	1.91E-05	1.22E-04	0.00E+00	3.67E-04	1.59E-09	4.64E-11	2.21E-03	3.95E-05	1.30E-03	1.34E-04	2.69E-05	5.95E-03	1.39E-01	0.00E+00	1.88E-10	2.45E-10	2.83E-05	7.47E-07	1.86E-02	0.00E+00	1.39E-01	3.56E-10	1.39E-01	1.58E-01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03
WMSS81N	3.80E-05	1.73E-02	3.13E-03	1.36E-02	4.90E-14	0.00E+00	1.89E-01	1.82E-07	1.74E-05	1.11E-04	0.00E+00	3.31E-04	1.45E-09	4.23E-11	2.02E-03	3.60E-05	1.19E-03	1.29E-04	2.43E-05	5.42E-03	1.27E-01	0.00E+00	1.72E-10	2.24E-10	2.58E-05	6.83E-07	1.70E-02	0.00E+00	1.27E-01	3.22E-10	1.27E-01	1.44E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
WMSS81R	3.90E-05	1.78E-02	3.23E-03	1.39E-02	4.60E-14	0.00E+00	1.94E-01	1.87E-07	1.79E-05	1.14E-04	0.00E+00	3.42E-04	1.49E-09	4.35E-11	2.07E-03	3.70E-05	1.22E-03	1.30E-04	2.51E-05	5.58E-03	1.31E-01	0.00E+00	1.77E-10	2.30E-10	2.66E-05	7.01E-07	1.75E-02	0.00E+00	1.31E-01	3.32E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
WMSS81RR	3.64E-05	1.65E-02	2.98E-03	1.30E-02	5.10E-14	0.00E+00	1.81E-01	1.75E-07	1.67E-05	1.06E-04	0.00E+00	3.16E-04	1.39E-09	4.05E-11	1.94E-03	3.46E-05	1.14E-03	1.26E-04	2.31E-05	5.20E-03	1.22E-01	0.00E+00	1.65E-10	2.14E-10	2.48E-05	6.55E-07	1.63E-02	0.00E+00	1.22E-01	3.07E-10	1.22E-01	1.38E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.90E-04
WMSS82	8.06E-05	3.56E-02	5.83E-03	2.98E-02	0.00E+00	0.00E+00	3.66E-01	3.70E-07	3.41E-05	2.18E-04	0.00E+00	6.22E-04	2.77E-09	8.31E-11	4.49E-03	6.70E-05	3.23E-03	1.29E-03	5.28E-05	1.26E-02	2.54E-01	0.00E+00	3.33E-10	4.49E-10	5.07E-05	1.39E-06	3.43E-02	0.00E+00	2.54E-01	6.50E-10	2.54E-01	2.88E-01	3.43E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
WMSS82N	6.41E-05	2.91E-02	5.27E-03	2.29E-02	8.40E-14	0.00E+00	3.19E-01	3.07E-07	2.94E-05	1.87E-04	0.00E+00	5.58E-04	2.44E-09	7.13E-11	3.40E-03	6.08E-05	2.00E-03	2.18E-04	4.09E-05	9.14E-03	2.14E-01	0.00E+00	2.90E-10	3.77E-10	4.36E-05	1.15E-06	2.87E-02	0.00E+00	2.14E-01	5.42E-10	2.14E-01	2.43E-01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
WMSS82O	8.06E-05	3.56E-02	5.83E-03	2.98E-02	0.00E+00	0.00E+00	3.66E-01	3.70E-07	3.41E-05	2.18E-04	0.00E+00	6.22E-04	2.77E-09	8.31E-11	4.49E-03	6.70E-05	3.23E-03	1.29E-03	5.28E-05	1.26E-02	2.54E-01	0.00E+00	3.33E-10	4.49E-10	5.07E-05	1.39E-06	3.43E-02	0.00E+00	2.54E-01	6.50E-10	2.54E-01	2.88E-01	3.43E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
WMSS82OG	8.06E-05	3.56E-02	5.83E-03	2.98E-02	0.00E+00	0.00E+00	3.66E-01	3.70E-07	3.41E-05	2.18E-04	0.00E+00	6.22E-04	2.77E-09	8.31E-11	4.49E-03	6.70E-05	3.23E-03	1.29E-03	5.28E-05	1.26E-02	2.54E-01	0.00E+00	3.33E-10	4.49E-10	5.07E-05	1.39E-06	3.43E-02	0.00E+00	2.54E-01	6.50E-10	2.54E-01	2.88E-01	3.43E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
WMSS82ON	6.65E-05	3.02E-02	5.47E-03	2.38E-02	8.90E-14	0.00E+00	3.31E-01	3.19E-07	3.05E-05	1.94E-04	0.00E+00	5.79E-04	2.53E-09	7.40E-11	3.54E-03	6.31E-05	2.08E-03	2.28E-04	4.24E-05	9.50E-03	2.23E-01	0.00E+00	3.01E-10	3.92E-10	4.53E-05	1.20E-06	2.98E-02	0.00E+00	2.23E-01	5.62E-10	2.23E-01	2.52E-01	2.98E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
WMSS82OR	6.44E-05	2.91E-02	5.27E-03	2.30E-02	9.20E-14	0.00E+00	3.21E-01	3.09E-07	2.96E-05	1.88E-04	0.00E+00	5.58E-04	2.45E-09	7.17E-11	3.43E-03	6.11E-05	2.01E-03	2.24E-04	4.09E-05	9.19E-03	2.16E-01	0.00E+00	2.92E-10	3.79E-10	4.38E-05	1.16E-06	2.89E-02	0.00E+00	2.16E-01	5.43E-10	2.16E-01	2.44E-01	2.89E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-03
WMSS82ORR	6.64E-05	3.02E-02	5.46E-03	2.37E-02	8.80E-14	0.00E+00	3.31E-01	3.19E-07	3.05E-05	1.94E-04	0.00E+00	5.78E-04	2.53E-09	7.39E-11	3.53E-03	6.30E-05	2.08E-03	2.27E-04	4.24E-05	9.48E-03	2.22E-01	0.00E+00	3.01E-10	3.91E-10	4.52E-05	1.19E-06	2.98E-02	0.00E+00	2.22E-01	5.62E-10	2.22E-01	2.52E-01	2.98E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
WMSS82R	2.27E-05	8.43E-03	1.49E-03	8.09E-03	1.24E-13	0.00E+00	1.10E-01	1.07E-07	1.02E-05	6.61E-05	0.00E+00	1.59E-04	8.44E-10	2.46E-11	1.20E-03	2.16E-05	7.26E-04	1.41E-04	1.17E-05	3.15E-03	7.54E-02	0.00E+00	1.02E-10	1.33E-10	1.54E-05	4.17E-07	1.01E-02	0.00E+00	7.54E-02	1.57E-10	7.54E-02	8.55E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	6.26E-04
WMSS82R/CS	6.34E-05	2.88E-02	5.21E-03	2.26E-02	8.40E-14	0.00E+00	3.15E-01	3.04E-07	2.91E-05	1.85E-04	0.00E+00	5.51E-04	2.41E-09	7.05E-11	3.37E-03	6.01E-05	1.98E-03	2.16E-04	4.04E-05	9.05E-03	2.12E-01	0.00E+00	2.87E-10	3.73E-10	4.31E-05	1.14E-06	2.84E-02	0.00E+00	2.12E-01	5.36E-10	2.12E-01	2.40E-01	2.84E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03
WMSS82R/UPS	6.26E-05	2.84E-02	5.14E-03	2.24E-02	8.60E-14	0.00E+00	3.12E-01	3.00E-07	2.88E-05	1.83E-04	0.00E+00	5.44E-04	2.38E-09	6.97E-11	3.33E-03	5.94E-05	1.96E-03	2.16E-04	3.99E-05	8.94E-03	2.10E-01	0.00E+00	2.83E-10	3.69E-10	4.26E-05	1.13E-06	2.81E-02	0.00E+00	2.10E-01	5.29E-10	2.10E-01	2.38E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.70E-03
WMSS82RR	5.98E-05	2.69E-02	4.87E-03	2.13E-02	9.00E-14	0.00E+00	2.97E-01	2.87E-07	2.74E-05	1.75E-04	0.00E+00	5.16E-04	2.27E-09	6.64E-11	3.18E-03	5.67E-05	1.87E-03	2.12E-04	3.78E-05	8.52E-03	2.00E-01	0.00E+00	2.70E-10	3.52E-10	4.07E-05	1.08E-06	2.68E-02	0.00E+00	2.00E-01	5.01E-10	2.00E-01	2.27E-01	2.68E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
WMV100B	9.50E-05	4.21E-02	7.94E-03	3.42E-02	0.00E+00	0.00E+00	4.93E-01	4.68E-07	4.54E-05	2.82E-04	0.00E+00	8.33E-04	3.77E-09	1.10E-10	5.09E-03	9.12E-05	2.81E-03	0.00E+00	5.93E-05	1.40E-02	3.24E-01	0.00E+00	4.38E-10	5.67E-10	6.59E-05	1.68E-06	4.33E-02	0.00E+00	3.24E-01	7.95E-10	3.24E-01	3.68E-01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
WMV100N	9.50E-05	4.21E-02	7.94E-03	3.42E-02	0.00E+00	0.00E+00	4.93E-01	4.68E-07	4.54E-05	2.82E-04	0.00E+00	8.33E-04	3.77E-09	1.10E-10	5.09E-03	9.12E-05	2.81E-03	0.00E+00	5.93E-05	1.40E-02	3.24E-01	0.00E+00	4.38E-10	5.67E-10	6.59E-05	1.68E-06	4.33E-02	0.00E+00	3.24E-01	7.95E-10	3.24E-01	3.68E-01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
WNA100	8.85E-05	6.78E-02	4.03E-02	2.75E-02	2.33E-10	0.00E+00	3.90E-01	3.75E-07	3.55E-05	2.65E-04	0.00E+00	1.76E-03	2.96E-09	8.63E-11	4.33E-03	1.03E-04	2.88E-03	2.10E-02	1.81E-04	7.85E-03	2.89E-01	0.00E+00	4.11E-10	5.23E-10	6.02E-05	1.79E-06	3.93E-02	0.00E+00	2.89E-01	1.55E-09	2.89E-01	3.28E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.42E-03
WNA100B	1.33E-04	1.05E-01	6.32E-02	4.21E-02	3.13E-10	0.00E+00	5.94E-01	5.82E-07	5.45E-05	4.00E-04	0.00E+00	2.36E-03	4.65E-09	1.29E-10	6.05E-03	1.40E-04	3.49E-03	3.18E-02	2.82E-04	1.22E-02	4.35E-01	0.00E+00	6.18E-10	7.81E-10	9.12E-05	2.77E-06	5.84E-02	0.00E+00	4.35E-01	2.22E-09	4.35E-01	4.93E-01	5.84E-02	0.00E+00	0.00E+00	0.00E+00	3.67E-03
WNA105	1.46E-04	1.16E-01	6.95E-02	4.63E-02	3.44E-10	0.00E+00	6.53E-01	6.40E-07	5.99E-05	4.40E-04	0.00E+00	2.59E-03	5.11E-09	1.41E-10	6.65E-03	1.54E-04	3.83E-03	3.49E-02	3.10E-04	1.34E-02	4.78E-01	0.00E+00	6.79E-10	8.59E-10	1.00E-04	3.05E-06	6.42E-02	0.00E+00	4.78E-01	2.44E-09	4.78E-01	5.42E-01	6.42E-02	0.00E+00	0.00E+00	0.00E+00	4.03E-03
WNA160	5.49E-05	2.58E-02	4.37E-03	2.14E-02	0.00E+00	0.00E+00	2.73E-01	2.72E-07	2.54E-05	1.61E-04	0.00E+00	4.64E-04	2.08E-09	6.19E-11	3.23E-03	5.02E-05	2.21E-03	7.30E-04	3.79E-05	9.02E-03	1.87E-01	0.00E+00	2.47E-10	3.30E-10	3.75E-05	1.01E-06	2.52E-02	0.00E+00	1.87E-01	4.75E-10	1.87E-01	2.13E-01	2.52E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
WNA160B	9.50E-05	4.21E-02	7.94E-03	3.42E-02	0.00E+00	0.00E+00	4.93E-01	4.68E-07	4.54E-05	2.82E-04	0.00E+00	8.33E-04	3.77E-09	1.10E-10	5.09E-03	9.12E-05	2.81E-03	0.00E+00	5.93E-05	1.40E-02	3.24E-01	0.00E+00	4.38E-10	5.67E-10	6.59E-05	1.68E-06	4.33E-02	0.00E+00	3.24E-01	7.95E-10	3.24E-01	3.68E-01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
WNA161	5.49E-05	2.58E-02	4.37E-03	2.14E-02	0.00E+00	0.00E+00	2.73E-01	2.72E-07	2.54E-05	1.61E-04	0.00E+00	4.64E-04	2.08E-09	6.19E-11	3.23E-03	5.02E-05	2.21E-03	7.30E-04	3.79E-05	9.02E-03	1.87E-01	0.00E+00	2.47E-10	3.30E-10	3.75E-05	1.01E-06	2.52E-02	0.00E+00	1.87E-01	4.75E-10	1.87E-01	2.13E-01	2.52E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
WNA161B	9.50E-05	4.21E-02	7.94E-03	3.42E-02	0.00E+00	0.00E+00	4.93E-01	4.68E-07	4.54E-05	2.82E-04	0.00E+00	8.33E-04	3.77E-09	1.10E-10	5.09E-03	9.12E-05	2.81E-03	0.00E+00	5.93E-05	1.40E-02	3.24E-01	0.00E+00	4.38E-10	5.67E-10	6.59E-05	1.68E-06	4.33E-02	0.00E+00	3.24E-01	7.95E-10	3.24E-01	3.68E-01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
WNC100	1.12E-04	8.88E-02	5.33E-02	3.55E-02	2.64E-10	0.00E+00	5.01E-01	4.91E-07	4.60E-05	3.37E-04	0.00E+00	1.99E-03	3.92E-09	1.08E-10	5.10E-03	1.18E-04	2.94E-03	2.68E-02	2.38E-04	1.03E-02	3.67E-01	0.00E+00	5.21E-10	6.59E-10	7.69E-05	2.34E-06	4.93E-02	0.00E+00	3.67E-01	1.87E-09	3.67E-01	4.16E-01	4.93E-02	0.00E+00	0.00E+00	0.00E+00	3.09E-03
WNC100EC	1.12E-04	8.88E-02	5.33E-02	3.55E-02	2.64E-10	0.00E+00	5.01E-01	4.91E-07	4.60E-05	3.37E-04	0.00E+00	1.99E-03	3.92E-09	1.08E-10	5.10E-03	1.18E-04	2.94E-03	2.68E-02	2.38E-04	1.03E-02	3.67E-01	0.00E+00	5.21E-10	6.59E-10	7.69E-05	2.34E-06	4.93E-02	0.00E+00	3.67E-01	1.87E-09	3.67E-01	4.16E-01	4.93E-02	0.00E+00	0.00E+00	0.00E+00	3.09E-03
WNC122	2.19E-04	1.73E-01	1.04E-01	6.92E-02	5.14E-10	0.00E+00	9.76E-01	9.57E-07	8.95E-05	6.57E-04	0.00E+00	3.87E-03	7.64E-09	2.11E-10	9.93E-03	2.30E-04	5.73E-03	5.22E-02	4.63E-04	2.00E-02	7.14E-01	0.00E+00	1.02E-09	1.28E-09	1.50E-04	4.55E-06	9.60E-02	0.00E+00	7.14E-01	3.64E-09	7.14E-01	8.10E-01	9.60E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-03
WNC122B	2.12E-04	1.67E-01	1.00E-01	6.69E-02	4.97E-10	0.00E+00	9.43E-01	9.25E-07	8.66E-05	6.35E-04	0.00E+00	3.74E-03	7.38E-09	2.04E-10	9.60E-03	2.22E-04	5.54E-03	5.04E-02	4.48E-04	1.93E-02	6.91E-01	0.00E+00	9.81E-10	1.24E-09	1.45E-04	4.40E-06	9.28E-02	0.00E+00	6.91E-01	3.52E-09	6.91E-01	7.83E-01	9.28E-02	0.00E+00	0.00E+00	0.00E+00	5.83E-03
WNC123	2.74E-04	2.16E-01	1.30E-01	8.66E-02	6.43E-10	0.00E+00	1.22E+00	1.20E-06	1.12E-04	8.22E-04	0.00E+00	4.84E-03	9.55E-09	2.64E-10	1.24E-02	2.88E-04	7.16E-03	6.53E-02	5.79E-04	2.50E-02	8.94E-01	0.00E+00	1.27E-09	1.61E-09	1.87E-04	5.70E-06	1.20E-01	0.00E+00	8.94E-01	4.55E-09	8.94E-01	1.01E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	7.54E-03
WNC123B	2.74E-04	2.16E-01	1.30E-01	8.66E-02	6.43E-10	0.00E+00	1.22E+00	1.20E-06	1.12E-04	8.22E-04	0.00E+00	4.84E-03	9.55E-09	2.64E-10	1.24E-02	2.88E-04	7.16E-03	6.53E-02	5.79E-04	2.50E-02	8.94E-01	0.00E+00	1.27E-09	1.61E-09	1.87E-04	5.70E-06	1.20E-01	0.00E+00	8.94E-01	4.55E-09	8.94E-01	1.01E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	7.54E-03
WNC160	1.12E-04	8.88E-02	5.33E-02	3.55E-02	2.64E-10	0.00E+00	5.01E-01	4.91E-07	4.60E-05	3.37E-04	0.00E+00	1.99E-03	3.92E-09	1.08E-10	5.10E-03	1.18E-04	2.94E-03	2.68E-02	2.38E-04	1.03E-02	3.67E-01	0.00E+00	5.21E-10	6.59E-10	7.69E-05	2.34E-06	4.93E-02	0.00E+00	3.67E-01	1.87E-09	3.67E-01	4.16E-01	4.93E-02	0.00E+00	0.00E+00	0.00E+00	3.09E-03
WNC160B	1.12E-04	8.88E-02	5.33E-02	3.55E-02	2.64E-10	0.00E+00	5.01E-01	4.91E-07	4.60E-05	3.37E-04	0.00E+00	1.99E-03	3.92E-09	1.08E-10	5.10E-03	1.18E-04	2.94E-03	2.68E-02	2.38E-04	1.03E-02	3.67E-01	0.00E+00	5.21E-10	6.59E-10	7.69E-05	2.34E-06	4.93E-02	0.00E+00	3.67E-01	1.87E-09	3.67E-01	4.16E-01	4.93E-02	0.00E+00	0.00E+00	0.00E+00	3.09E-03
WNC161	1.12E-04	8.88E-02	5.33E-02	3.55E-02	2.64E-10	0.00E+00	5.01E-01	4.91E-07	4.60E-05	3.37E-04	0.00E+00	1.99E-03	3.92E-09	1.08E-10	5.10E-03	1.18E-04	2.94E-03	2.68E-02	2.38E-04	1.03E-02	3.67E-01	0.00E+00	5.21E-10	6.59E-10	7.69E-05	2.34E-06	4.93E-02	0.00E+00	3.67E-01	1.87E-09	3.67E-01	4.16E-01	4.93E-02	0.00E+00	0.00E+00	0.00E+00	3.09E-03
WNC161B	1.12E-04	8.88E-02	5.33E-02	3.55E-02	2.64E-10	0.00E+00	5.01E-01	4.91E-07	4.60E-05	3.37E-04	0.00E+00	1.99E-03	3.92E-09	1.08E-10	5.10E-03	1.18E-04	2.94E-03	2.68E-02	2.38E-04	1.03E-02	3.67E-01	0.00E+00	5.21E-10	6.59E-10	7.69E-05	2.34E-06	4.93E-02	0.00E+00	3.67E-01	1.87E-09	3.67E-01	4.16E-01	4.93E-02	0.00E+00	0.00E+00	0.00E+00	3.09E-03
WNC162	2.19E-04	1.73E-01	1.04E-01	6.92E-02	5.14E-10	0.00E+00	9.76E-01	9.57E-07	8.95E-05	6.57E-04	0.00E+00	3.87E-03	7.64E-09	2.11E-10	9.93E-03	2.30E-04	5.73E-03	5.22E-02	4.63E-04	2.00E-02	7.14E-01	0.00E+00	1.02E-09	1.28E-09	1.50E-04	4.55E-06	9.60E-02	0.00E+00	7.14E-01	3.64E-09	7.14E-01	8.10E-01	9.60E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-03
WNC162B	2.12E-04	1.67E-01	1.00E-01	6.69E-02	4.97E-10	0.00E+00	9.43E-01	9.25E-07	8.66E-05	6.35E-04	0.00E+00	3.74E-03	7.38E-09	2.04E-10	9.60E-03	2.22E-04	5.54E-03	5.04E-02	4.48E-04	1.93E-02	6.91E-01	0.00E+00	9.81E-10	1.24E-09	1.45E-04	4.40E-06	9.28E-02	0.00E+00	6.91E-01	3.52E-09	6.91E-01	7.83E-01	9.28E-02	0.00E+00	0.00E+00	0.00E+00	5.83E-03
WNC164	2.19E-04	1.73E-01	1.04E-01	6.92E-02	5.14E-10	0.00E+00	9.76E-01	9.57E-07	8.95E-05	6.57E-04	0.00E+00	3.87E-03	7.64E-09	2.11E-10	9.93E-03	2.30E-04	5.73E-03	5.22E-02	4.63E-04	2.00E-02	7.14E-01	0.00E+00	1.02E-09	1.28E-09	1.50E-04	4.55E-06	9.60E-02	0.00E+00	7.14E-01	3.64E-09	7.14E-01	8.10E-01	9.60E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-03
WNC165	2.74E-04	2.16E-01	1.30E-01	8.66E-02	6.43E-10	0.00E+00	1.22E+00	1.20E-06	1.12E-04	8.22E-04	0.00E+00	4.84E-03	9.55E-09	2.64E-10	1.24E-02	2.88E-04	7.16E-03	6.53E-02	5.79E-04	2.50E-02	8.94E-01	0.00E+00	1.27E-09	1.61E-09	1.87E-04	5.70E-06	1.20E-01	0.00E+00	8.94E-01	4.55E-09	8.94E-01	1.01E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	7.54E-03
WNC166	1.43E-04	1.13E-01	6.80E-02	4.53E-02	3.36E-10	0.00E+00	6.39E-01	6.26E-07	5.86E-05	4.30E-04	0.00E+00	2.53E-03	5.00E-09	1.38E-10	6.50E-03	1.51E-04	3.75E-03	3.42E-02	3.03E-04	1.31E-02	4.68E-01	0.00E+00	6.65E-10	8.40E-10	9.81E-05	2.98E-06	6.28E-02	0.00E+00	4.68E-01	2.38E-09	4.68E-01	5.30E-01	6.28E-02	0.00E+00	0.00E+00	0.00E+00	3.95E-03
WNC166B	1.43E-04	1.13E-01	6.80E-02	4.53E-02	3.36E-10	0.00E+00	6.39E-01	6.26E-07	5.86E-05	4.30E-04	0.00E+00	2.53E-03	5.00E-09	1.38E-10	6.50E-03	1.51E-04	3.75E-03	3.42E-02	3.03E-04	1.31E-02	4.68E-01	0.00E+00	6.65E-10	8.40E-10	9.81E-05	2.98E-06	6.28E-02	0.00E+00	4.68E-01	2.38E-09	4.68E-01	5.30E-01	6.28E-02	0.00E+00	0.00E+00	0.00E+00	3.95E-03
WNC172	2.19E-04	1.73E-01	1.04E-01	6.92E-02	5.14E-10	0.00E+00	9.76E-01	9.57E-07	8.95E-05	6.57E-04	0.00E+00	3.87E-03	7.64E-09	2.11E-10	9.93E-03	2.30E-04	5.73E-03	5.22E-02	4.63E-04	2.00E-02	7.14E-01	0.00E+00	1.02E-09	1.28E-09	1.50E-04	4.55E-06	9.60E-02	0.00E+00	7.14E-01	3.64E-09	7.14E-01	8.10E-01	9.60E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-03
WNC172B	2.12E-04	1.67E-01	1.00E-01	6.69E-02	4.97E-10	0.00E+00	9.43E-01	9.25E-07	8.66E-05	6.35E-04	0.00E+00	3.74E-03	7.38E-09	2.04E-10	9.60E-03	2.22E-04	5.54E-03	5.04E-02	4.48E-04	1.93E-02	6.91E-01	0.00E+00	9.81E-10	1.24E-09	1.45E-04	4.40E-06	9.28E-02	0.00E+00	6.91E-01	3.52E-09	6.91E-01	7.83E-01	9.28E-02	0.00E+00	0.00E+00	0.00E+00	5.83E-03
WNC174	2.19E-04	1.73E-01	1.04E-01	6.92E-02	5.14E-10	0.00E+00	9.76E-01	9.57E-07	8.95E-05	6.57E-04	0.00E+00	3.87E-03	7.64E-09	2.11E-10	9.93E-03	2.30E-04	5.73E-03	5.22E-02	4.63E-04	2.00E-02	7.14E-01	0.00E+00	1.02E-09	1.28E-09	1.50E-04	4.55E-06	9.60E-02	0.00E+00	7.14E-01	3.64E-09	7.14E-01	8.10E-01	9.60E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-03
WNE160B	1.01E-04	7.95E-02	4.77E-02	3.18E-02	2.36E-10	0.00E+00	4.48E-01	4.39E-07	4.11E-05	3.02E-04	0.00E+00	1.78E-03	3.51E-09	9.70E-11	4.56E-03	1.06E-04	2.63E-03	2.40E-02	2.13E-04	9.18E-03	3.28E-01	0.00E+00	4.66E-10	5.89E-10	6.88E-05	2.09E-06	4.41E-02	0.00E+00	3.28E-01	1.67E-09	3.28E-01	3.72E-01	4.41E-02	0.00E+00	0.00E+00	0.00E+00	2.77E-03
WNE161B	1.01E-04	7.95E-02	4.77E-02	3.18E-02	2.36E-10	0.00E+00	4.48E-01	4.39E-07	4.11E-05	3.02E-04	0.00E+00	1.78E-03	3.51E-09	9.70E-11	4.56E-03	1.06E-04	2.63E-03	2.40E-02	2.13E-04	9.18E-03	3.28E-01	0.00E+00	4.66E-10	5.89E-10	6.88E-05	2.09E-06	4.41E-02	0.00E+00	3.28E-01	1.67E-09	3.28E-01	3.72E-01	4.41E-02	0.00E+00	0.00E+00	0.00E+00	2.77E-03
WPS51BKO	9.22E-05	4.12E-02	7.46E-03	3.29E-02	1.53E-13	0.00E+00	4.58E-01	4.42E-07	4.23E-05	2.69E-04	0.00E+00	7.90E-04	3.50E-09	1.02E-10	4.90E-03	8.75E-05	2.89E-03	3.36E-04	5.79E-05	1.31E-02	3.08E-01	0.00E+00	4.17E-10	5.42E-10	6.27E-05	1.66E-06	4.13E-02	0.00E+00	3.08E-01	7.68E-10	3.08E-01	3.50E-01	4.13E-02	0.00E+00	0.00E+00	0.00E+00	2.51E-03
WPSS81	4.54E-05	2.02E-02	3.64E-03	1.62E-02	8.20E-14	0.00E+00	2.25E-01	2.17E-07	2.08E-05	1.32E-04	0.00E+00	3.86E-04	1.72E-09	5.03E-11	2.41E-03	4.30E-05	1.42E-03	1.69E-04	2.83E-05	6.46E-03	1.52E-01	0.00E+00	2.05E-10	2.67E-10	3.08E-05	8.18E-07	2.03E-02	0.00E+00	1.52E-01	3.76E-10	1.52E-01	1.72E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-03
WPSS81BKO	8.20E-05	3.58E-02	6.46E-03	2.93E-02	1.80E-13	0.00E+00	4.06E-01	3.92E-07	3.75E-05	2.39E-04	0.00E+00	6.84E-04	3.10E-09	9.08E-11	4.35E-03	7.78E-05	2.57E-03	3.28E-04	5.02E-05	1.16E-02	2.74E-01	0.00E+00	3.70E-10	4.82E-10	5.57E-05	1.48E-06	3.67E-02	0.00E+00	2.74E-01	6.67E-10	2.74E-01	3.11E-01	3.67E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
WPSS81W	4.06E-05	1.78E-02	3.20E-03	1.45E-02	8.80E-14	0.00E+00	2.01E-01	1.94E-07	1.86E-05	1.19E-04	0.00E+00	3.40E-04	1.54E-09	4.50E-11	2.16E-03	3.85E-05	1.28E-03	1.61E-04	2.49E-05	5.77E-03	1.36E-01	0.00E+00	1.84E-10	2.39E-10	2.76E-05	7.33E-07	1.82E-02	0.00E+00	1.36E-01	3.31E-10	1.36E-01	1.54E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
WPSS82BKO	1.23E-04	5.66E-02	1.00E-02	4.66E-02	0.00E+00	0.00E+00	6.25E-01	6.11E-07	5.79E-05	3.64E-04	0.00E+00	1.06E-03	4.76E-09	1.41E-10	6.97E-03	1.15E-04	4.39E-03	9.29E-04	8.16E-05	1.94E-02	4.21E-01	0.00E+00	5.62E-10	7.40E-10	8.49E-05	2.24E-06	5.65E-02	0.00E+00	4.21E-01	1.05E-09	4.21E-01	4.78E-01	5.65E-02	0.00E+00	0.00E+00	0.00E+00	3.50E-03
WPSS82NW	8.60E-06	3.63E-04	4.10E-06	3.02E-03	1.87E-13	0.00E+00	3.77E-02	3.81E-08	3.50E-06	2.46E-05	0.00E+00	2.85E-06	2.88E-10	8.36E-12	4.44E-04	8.21E-06	2.99E-04	1.47E-04	3.35E-07	1.06E-03	2.76E-02	0.00E+00	3.77E-11	4.95E-11	5.65E-06	1.70E-07	3.74E-03	0.00E+00	2.76E-02	7.49E-12	2.76E-02	3.13E-02	3.74E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
WPSS82O	6.94E-05	3.04E-02	5.48E-03	2.48E-02	1.48E-13	0.00E+00	3.44E-01	3.32E-07	3.17E-05	2.02E-04	0.00E+00	5.81E-04	2.63E-09	7.68E-11	3.68E-03	6.58E-05	2.18E-03	2.74E-04	4.26E-05	9.85E-03	2.32E-01	0.00E+00	3.13E-10	4.08E-10	4.71E-05	1.25E-06	3.10E-02	0.00E+00	2.32E-01	5.66E-10	2.32E-01	2.63E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03

	WPSS82OW	9.17E-06	3.87E-04	4.37E-06	3.22E-03	2.00E-13	0.00E+00	4.02E-02	4.06E-08	3.74E-06	2.63E-05	0.00E+00	3.04E-06	3.07E-10	8.92E-12	4.73E-04	8.76E-06	3.18E-04	1.57E-04	3.57E-07	1.13E-03	2.94E-02	0.00E+00	4.02E-11	5.28E-11	6.03E-06	1.82E-07	3.99E-03	0.00E+00	2.94E-02	7.99E-12	2.94E-02	3.34E-02	3.99E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
	WPSS82W	6.70E-05	2.93E-02	5.28E-03	2.39E-02	1.46E-13	0.00E+00	3.32E-01	3.20E-07	3.06E-05	1.95E-04	0.00E+00	5.59E-04	2.54E-09	7.41E-11	3.56E-03	6.35E-05	2.10E-03	2.67E-04	4.10E-05	9.50E-03	2.24E-01	0.00E+00	3.03E-10	3.94E-10	4.55E-05	1.21E-06	3.00E-02	0.00E+00	2.24E-01	5.45E-10	2.24E-01	2.54E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
	WRCC50NBSB	9.02E-05	4.04E-02	7.30E-03	3.22E-02	1.49E-13	0.00E+00	4.48E-01	4.32E-07	4.14E-05	2.64E-04	0.00E+00	7.73E-04	3.43E-09	1.00E-10	4.80E-03	8.56E-05	2.82E-03	3.28E-04	5.67E-05	1.29E-02	3.02E-01	0.00E+00	4.08E-10	5.31E-10	6.14E-05	1.63E-06	4.04E-02	0.00E+00	3.02E-01	7.52E-10	3.02E-01	3.42E-01	4.04E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
	WRCC50NBSW	9.16E-05	4.10E-02	7.42E-03	3.27E-02	1.50E-13	0.00E+00	4.55E-01	4.39E-07	4.20E-05	2.67E-04	0.00E+00	7.86E-04	3.48E-09	1.02E-10	4.87E-03	8.69E-05	2.87E-03	3.32E-04	5.76E-05	1.30E-02	3.06E-01	0.00E+00	4.14E-10	5.39E-10	6.23E-05	1.65E-06	4.10E-02	0.00E+00	3.06E-01	7.64E-10	3.06E-01	3.47E-01	4.10E-02	0.00E+00	0.00E+00	0.00E+00	2.49E-03
	WRCC50NPSB	5.38E-05	2.22E-02	3.97E-03	1.92E-02	1.83E-13	0.00E+00	2.65E-01	2.56E-07	2.44E-05	1.57E-04	0.00E+00	4.23E-04	2.02E-09	5.91E-11	2.85E-03	5.11E-05	1.70E-03	2.59E-04	3.11E-05	7.58E-03	1.79E-01	0.00E+00	2.43E-10	3.16E-10	3.65E-05	9.78E-07	2.40E-02	0.00E+00	1.79E-01	4.14E-10	1.79E-01	2.03E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
	WRCC50NPSW	9.58E-05	4.32E-02	7.81E-03	3.42E-02	1.44E-13	0.00E+00	4.76E-01	4.59E-07	4.39E-05	2.80E-04	0.00E+00	8.27E-04	3.64E-09	1.07E-10	5.09E-03	9.09E-05	3.00E-03	3.38E-04	6.06E-05	1.37E-02	3.21E-01	0.00E+00	4.33E-10	5.64E-10	6.52E-05	1.72E-06	4.29E-02	0.00E+00	3.21E-01	8.04E-10	3.21E-01	3.63E-01	4.29E-02	0.00E+00	0.00E+00	0.00E+00	2.61E-03
	WRS51BSB	6.05E-05	2.81E-02	5.10E-03	2.16E-02	5.00E-14	0.00E+00	3.02E-01	2.91E-07	2.79E-05	1.77E-04	0.00E+00	5.39E-04	2.31E-09	6.76E-11	3.22E-03	5.74E-05	1.89E-03	1.86E-04	3.95E-05	8.67E-03	2.03E-01	0.00E+00	2.74E-10	3.56E-10	4.12E-05	1.09E-06	2.71E-02	0.00E+00	2.03E-01	5.23E-10	2.03E-01	2.30E-01	2.71E-02	0.00E+00	0.00E+00	0.00E+00	1.64E-03
	WRS51BSW	7.81E-05	3.69E-02	6.71E-03	2.79E-02	3.20E-14	0.00E+00	3.91E-01	3.76E-07	3.60E-05	2.28E-04	0.00E+00	7.09E-04	2.99E-09	8.74E-11	4.16E-03	7.41E-05	2.43E-03	2.19E-04	5.19E-05	1.12E-02	2.62E-01	0.00E+00	3.54E-10	4.60E-10	5.32E-05	1.40E-06	3.50E-02	0.00E+00	2.62E-01	6.87E-10	2.62E-01	2.97E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.12E-03
	WRS51PSB	2.36E-05	9.71E-03	1.74E-03	8.43E-03	8.20E-14	0.00E+00	1.16E-01	1.12E-07	1.07E-05	6.89E-05	0.00E+00	1.85E-04	8.88E-10	2.60E-11	1.25E-03	2.24E-05	7.47E-04	1.15E-04	1.36E-05	3.33E-03	7.88E-02	0.00E+00	1.07E-10	1.39E-10	1.60E-05	4.30E-07	1.06E-02	0.00E+00	7.88E-02	1.81E-10	7.88E-02	8.93E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.47E-04
	WRS51PSW	6.70E-05	3.14E-02	5.70E-03	2.39E-02	4.20E-14	0.00E+00	3.35E-01	3.22E-07	3.09E-05	1.96E-04	0.00E+00	6.02E-04	2.56E-09	7.49E-11	3.57E-03	6.36E-05	2.09E-03	1.98E-04	4.41E-05	9.61E-03	2.25E-01	0.00E+00	3.03E-10	3.95E-10	4.56E-05	1.20E-06	3.00E-02	0.00E+00	2.25E-01	5.84E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
	WRSO100BSB	1.63E-04	7.44E-02	1.34E-02	6.10E-02	0.00E+00	0.00E+00	8.34E-01	8.09E-07	7.70E-05	4.83E-04	0.00E+00	1.41E-03	6.36E-09	1.87E-10	9.12E-03	1.54E-04	5.58E-03	9.29E-04	1.07E-04	2.53E-02	5.58E-01	0.00E+00	7.47E-10	9.80E-10	1.13E-04	2.95E-06	7.47E-02	0.00E+00	5.58E-01	1.39E-09	5.58E-01	6.33E-01	7.47E-02	0.00E+00	0.00E+00	0.00E+00	4.58E-03
	WRSS81BSB	6.36E-05	2.95E-02	5.36E-03	2.27E-02	5.40E-14	0.00E+00	3.18E-01	3.06E-07	2.93E-05	1.86E-04	0.00E+00	5.66E-04	2.43E-09	7.10E-11	3.38E-03	6.04E-05	1.98E-03	1.97E-04	4.15E-05	9.11E-03	2.13E-01	0.00E+00	2.88E-10	3.75E-10	4.33E-05	1.14E-06	2.85E-02	0.00E+00	2.13E-01	5.50E-10	2.13E-01	2.42E-01	2.85E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-03
	WRSS81BSW	6.55E-05	3.04E-02	5.52E-03	2.34E-02	5.30E-14	0.00E+00	3.27E-01	3.15E-07	3.02E-05	1.91E-04	0.00E+00	5.84E-04	2.50E-09	7.31E-11	3.49E-03	6.22E-05	2.04E-03	2.01E-04	4.28E-05	9.39E-03	2.19E-01	0.00E+00	2.97E-10	3.86E-10	4.46E-05	1.18E-06	2.94E-02	0.00E+00	2.19E-01	5.67E-10	2.19E-01	2.49E-01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
	WRSS81PSB	6.79E-05	3.17E-02	5.76E-03	2.43E-02	4.80E-14	0.00E+00	3.39E-01	3.27E-07	3.13E-05	1.99E-04	0.00E+00	6.08E-04	2.59E-09	7.59E-11	3.61E-03	6.44E-05	2.12E-03	2.04E-04	4.46E-05	9.74E-03	2.28E-01	0.00E+00	3.08E-10	4.00E-10	4.63E-05	1.22E-06	3.05E-02	0.00E+00	2.28E-01	5.90E-10	2.28E-01	2.58E-01	3.05E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
	WRSS81PSW	6.76E-05	3.15E-02	5.72E-03	2.41E-02	5.00E-14	0.00E+00	3.38E-01	3.25E-07	3.11E-05	1.98E-04	0.00E+00	6.04E-04	2.58E-09	7.55E-11	3.60E-03	6.41E-05	2.10E-03	2.04E-04	4.43E-05	9.69E-03	2.26E-01	0.00E+00	3.06E-10	3.98E-10	4.60E-05	1.21E-06	3.03E-02	0.00E+00	2.26E-01	5.86E-10	2.26E-01	2.57E-01	3.03E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
	WRSS82BSB	1.00E-04	4.24E-02	7.53E-03	3.49E-02	0.00E+00	0.00E+00	4.70E-01	4.58E-07	4.34E-05	2.73E-04	0.00E+00	7.96E-04	3.58E-09	1.06E-10	5.22E-03	8.65E-05	3.27E-03	6.72E-04	6.11E-05	1.45E-02	3.16E-01	0.00E+00	4.22E-10	5.55E-10	6.37E-05	1.68E-06	4.23E-02	0.00E+00	3.16E-01	7.89E-10	3.16E-01	3.58E-01	4.23E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
	WRSS82BSW	1.00E-04	4.24E-02	7.53E-03	3.49E-02	0.00E+00	0.00E+00	4.70E-01	4.58E-07	4.34E-05	2.73E-04	0.00E+00	7.96E-04	3.58E-09	1.06E-10	5.22E-03	8.65E-05	3.27E-03	6.72E-04	6.11E-05	1.45E-02	3.16E-01	0.00E+00	4.22E-10	5.55E-10	6.37E-05	1.68E-06	4.23E-02	0.00E+00	3.16E-01	7.89E-10	3.16E-01	3.58E-01	4.23E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
	WRSS82PSB	9.05E-05	4.13E-02	7.49E-03	3.23E-02	1.08E-13	0.00E+00	4.51E-01	4.34E-07	4.16E-05	2.64E-04	0.00E+00	7.92E-04	3.45E-09	1.01E-10	4.81E-03	8.58E-05	2.82E-03	3.01E-04	5.81E-05	1.29E-02	3.03E-01	0.00E+00	4.09E-10	5.32E-10	6.16E-05	1.63E-06	4.05E-02	0.00E+00	3.03E-01	7.69E-10	3.03E-01	3.43E-01	4.05E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
	WRSS82PSW	9.92E-05	4.57E-02	8.30E-03	3.54E-02	9.70E-14	0.00E+00	4.95E-01	4.77E-07	4.56E-05	2.90E-04	0.00E+00	8.77E-04	3.78E-09	1.11E-10	5.28E-03	9.41E-05	3.09E-03	3.16E-04	6.43E-05	1.42E-02	3.32E-01	0.00E+00	4.49E-10	5.84E-10	6.75E-05	1.78E-06	4.45E-02	0.00E+00	3.32E-01	8.52E-10	3.32E-01	3.77E-01	4.45E-02	0.00E+00	0.00E+00	0.00E+00	2.69E-03
	WXF105	2.19E-05	8.98E-03	1.69E-03	7.29E-03	0.00E+00	0.00E+00	1.05E-01	9.98E-08	9.66E-06	6.01E-05	0.00E+00	1.77E-04	8.03E-10	2.35E-11	1.08E-03	1.94E-05	5.99E-04	0.00E+00	1.26E-05	2.98E-03	6.91E-02	0.00E+00	9.33E-11	1.21E-10	1.40E-05	3.58E-07	9.21E-03	0.00E+00	6.91E-02	1.69E-10	6.91E-02	7.83E-02	9.21E-03	0.00E+00	0.00E+00	0.00E+00	5.43E-04
	WXF106	2.02E-05	8.98E-03	1.69E-03	7.29E-03	0.00E+00	0.00E+00	1.05E-01	9.98E-08	9.66E-06	6.01E-05	0.00E+00	1.77E-04	8.03E-10	2.35E-11	1.08E-03	1.94E-05	5.99E-04	0.00E+00	1.26E-05	2.98E-03	6.91E-02	0.00E+00	9.33E-11	1.21E-10	1.40E-05	3.58E-07	9.21E-03	0.00E+00	6.91E-02	1.69E-10	6.91E-02	7.83E-02	9.21E-03	0.00E+00	0.00E+00	0.00E+00	5.43E-04
	WXF122	8.41E-05	3.45E-02	6.49E-03	2.80E-02	0.00E+00	0.00E+00	4.03E-01	3.83E-07	3.71E-05	2.31E-04	0.00E+00	6.82E-04	3.08E-09	9.01E-11	4.16E-03	7.46E-05	2.30E-03	0.00E+00	4.85E-05	1.15E-02	2.65E-01	0.00E+00	3.59E-10	4.64E-10	5.39E-05	1.38E-06	3.54E-02	0.00E+00	2.65E-01	6.51E-10	2.65E-01	3.01E-01	3.54E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
	WXF123	1.40E-04	5.74E-02	1.08E-02	4.66E-02	0.00E+00	0.00E+00	6.71E-01	6.38E-07	6.17E-05	3.84E-04	0.00E+00	1.13E-03	5.13E-09	1.50E-10	6.93E-03	1.24E-04	3.83E-03	0.00E+00	8.08E-05	1.91E-02	4.41E-01	0.00E+00	5.96E-10	7.72E-10	8.97E-05	2.29E-06	5.89E-02	0.00E+00	4.41E-01	1.08E-09	4.41E-01	5.00E-01	5.89E-02	0.00E+00	0.00E+00	0.00E+00	3.47E-03
	WXF160B	2.56E-05	1.05E-02	1.98E-03	8.52E-03	0.00E+00	0.00E+00	1.23E-01	1.17E-07	1.13E-05	7.02E-05	0.00E+00	2.07E-04	9.39E-10	2.74E-11	1.27E-03	2.27E-05	7.00E-04	0.00E+00	1.48E-05	3.49E-03	8.07E-02	0.00E+00	1.09E-10	1.41E-10	1.64E-05	4.19E-07	1.08E-02	0.00E+00	8.07E-02	1.98E-10	8.07E-02	9.15E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.34E-04
	WXF160D	1.86E-05	8.72E-03	1.58E-03	6.65E-03	1.20E-14	0.00E+00	9.31E-02	8.96E-08	8.58E-06	5.44E-05	0.00E+00	1.67E-04	7.11E-10	2.08E-11	9.91E-04	1.77E-05	5.80E-04	5.49E-05	1.23E-05	2.67E-03	6.24E-02	0.00E+00	8.43E-11	1.10E-10	1.27E-05	3.34E-07	8.35E-03	0.00E+00	6.24E-02	1.62E-10	6.24E-02	7.07E-02	8.35E-03	0.00E+00	0.00E+00	0.00E+00	5.05E-04
	WXF160E	2.03E-05	9.56E-03	1.74E-03	7.26E-03	1.00E-14	0.00E+00	1.02E-01	9.77E-08	9.36E-06	5.94E-05	0.00E+00	1.84E-04	7.76E-10	2.27E-11	1.08E-03	1.93E-05	6.32E-04	5.80E-05	1.34E-05	2.91E-03	6.81E-02	0.00E+00	9.20E-11	1.20E-10	1.38E-05	3.64E-07	9.11E-03	0.00E+00	6.81E-02	1.78E-10	6.81E-02	7.72E-02	9.11E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
	WXF160N	2.30E-05	1.09E-02	1.98E-03	8.21E-03	7.00E-15	0.00E+00	1.15E-01	1.11E-07	1.06E-05	6.71E-05	0.00E+00	2.09E-04	8.79E-10	2.57E-11	1.22E-03	2.18E-05	7.14E-04	6.30E-05	1.53E-05	3.30E-03	7.70E-02	0.00E+00	1.04E-10	1.35E-10	1.56E-05	4.11E-07	1.03E-02	0.00E+00	7.70E-02	2.03E-10	7.70E-02	8.73E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
	WXF160R	1.99E-05	9.36E-03	1.70E-03	7.11E-03	1.00E-14	0.00E+00	9.95E-02	9.57E-08	9.17E-06	5.82E-05	0.00E+00	1.80E-04	7.61E-10	2.22E-11	1.06E-03	1.89E-05	6.19E-04	5.72E-05	1.32E-05	2.86E-03	6.67E-02	0.00E+00	9.01E-11	1.17E-10	1.36E-05	3.56E-07	8.92E-03	0.00E+00	6.67E-02	1.74E-10	6.67E-02	7.56E-02	8.92E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
	WXF160T	2.30E-05	1.09E-02	1.98E-03	8.21E-03	7.00E-15	0.00E+00	1.15E-01	1.11E-07	1.06E-05	6.71E-05	0.00E+00	2.09E-04	8.79E-10	2.57E-11	1.22E-03	2.18E-05	7.14E-04	6.30E-05	1.53E-05	3.30E-03	7.70E-02	0.00E+00	1.04E-10	1.35E-10	1.56E-05	4.11E-07	1.03E-02	0.00E+00	7.70E-02	2.03E-10	7.70E-02	8.73E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
	WXF160V	2.05E-05	9.65E-03	1.76E-03	7.32E-03	1.00E-14	0.00E+00	1.03E-01	9.86E-08	9.45E-06	5.99E-05	0.00E+00	1.85E-04	7.84E-10	2.29E-11	1.09E-03	1.94E-05	6.37E-04	5.84E-05	1.36E-05	2.94E-03	6.87E-02	0.00E+00	9.28E-11	1.21E-10	1.40E-05	3.67E-07	9.19E-03	0.00E+00	6.87E-02	1.80E-10	6.87E-02	7.79E-02	9.19E-03	0.00E+00	0.00E+00	0.00E+00	5.56E-04
	WXF165B	3.29E-05	1.59E-02	2.89E-03	1.18E-02	2.00E-15	0.00E+00	1.65E-01	1.59E-07	1.52E-05	9.62E-05	0.00E+00	3.05E-04	1.26E-09	3.69E-11	1.75E-03	3.12E-05	1.02E-03	8.15E-05	2.23E-05	4.74E-03	1.10E-01	0.00E+00	1.49E-10	1.94E-10	2.24E-05	5.87E-07	1.48E-02	0.00E+00	1.10E-01	2.95E-10	1.10E-01	1.25E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.90E-04
	WXF165N	3.56E-05	1.72E-02	3.14E-03	1.27E-02	5.00E-15	0.00E+00	1.79E-01	1.72E-07	1.65E-05	1.04E-04	0.00E+00	3.31E-04	1.37E-09	4.00E-11	1.90E-03	3.38E-05	1.10E-03	8.66E-05	2.43E-05	5.14E-03	1.20E-01	0.00E+00	1.62E-10	2.10E-10	2.43E-05	6.36E-07	1.60E-02	0.00E+00	1.20E-01	3.21E-10	1.20E-01	1.36E-01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	9.64E-04
	WXF165T	3.54E-05	1.71E-02	3.12E-03	1.26E-02	5.00E-15	0.00E+00	1.77E-01	1.71E-07	1.64E-05	1.03E-04	0.00E+00	3.29E-04	1.36E-09	3.97E-11	1.88E-03	3.35E-05	1.10E-03	8.61E-05	2.41E-05	5.10E-03	1.19E-01	0.00E+00	1.60E-10	2.08E-10	2.41E-05	6.31E-07	1.59E-02	0.00E+00	1.19E-01	3.18E-10	1.19E-01	1.35E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	9.57E-04
	WXF191N	1.03E-04	5.04E-02	9.21E-03	3.68E-02	5.10E-14	0.00E+00	5.17E-01	4.96E-07	4.77E-05	3.01E-04	0.00E+00	9.71E-04	3.95E-09	1.16E-10	5.48E-03	9.75E-05	3.18E-03	2.25E-04	7.11E-05	1.49E-02	3.45E-01	0.00E+00	4.66E-10	6.06E-10	7.01E-05	1.83E-06	4.62E-02	0.00E+00	3.45E-01	9.39E-10	3.45E-01	3.91E-01	4.62E-02	0.00E+00	0.00E+00	0.00E+00	2.78E-03
	WXF421B	1.28E-05	1.07E-02	5.84E-03	4.82E-03	2.81E-11	0.00E+00	6.21E-02	5.86E-08	5.97E-06	3.83E-05	0.00E+00	1.08E-04	4.70E-10	1.32E-11	5.66E-04	1.15E-05	8.70E-08	3.21E-03	2.84E-05	1.57E-03	4.19E-02	0.00E+00	5.81E-11	7.45E-11	8.96E-06	2.74E-07	5.72E-03	0.00E+00	4.19E-02	2.06E-10	4.19E-02	4.76E-02	5.72E-03	0.00E+00	0.00E+00	0.00E+00	3.61E-04
	WXF421E	3.77E-05	1.79E-02	3.26E-03	1.35E-02	1.10E-14	0.00E+00	1.89E-01	1.82E-07	1.74E-05	1.10E-04	0.00E+00	3.44E-04	1.44E-09	4.22E-11	2.01E-03	3.58E-05	1.17E-03	1.03E-04	2.52E-05	5.42E-03	1.26E-01	0.00E+00	1.71E-10	2.22E-10	2.57E-05	6.75E-07	1.69E-02	0.00E+00	1.26E-01	3.33E-10	1.26E-01	1.43E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03
	WXF421N	3.70E-05	1.75E-02	3.19E-03	1.32E-02	1.20E-14	0.00E+00	1.85E-01	1.78E-07	1.71E-05	1.08E-04	0.00E+00	3.37E-04	1.42E-09	4.14E-11	1.97E-03	3.51E-05	1.15E-03	1.01E-04	2.47E-05	5.32E-03	1.24E-01	0.00E+00	1.68E-10	2.18E-10	2.52E-05	6.62E-07	1.66E-02	0.00E+00	1.24E-01	3.27E-10	1.24E-01	1.41E-01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
	WXF421R	3.61E-05	1.71E-02	3.11E-03	1.29E-02	1.30E-14	0.00E+00	1.81E-01	1.74E-07	1.66E-05	1.05E-04	0.00E+00	3.28E-04	1.38E-09	4.04E-11	1.92E-03	3.42E-05	1.12E-03	9.95E-05	2.40E-05	5.18E-03	1.21E-01	0.00E+00	1.63E-10	2.12E-10	2.46E-05	6.45E-07	1.62E-02	0.00E+00	1.21E-01	3.18E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.77E-04
	WXF421T	3.69E-05	1.75E-02	3.19E-03	1.32E-02	1.20E-14	0.00E+00	1.85E-01	1.78E-07	1.70E-05	1.08E-04	0.00E+00	3.36E-04	1.41E-09	4.13E-11	1.96E-03	3.50E-05	1.15E-03	1.01E-04	2.46E-05	5.30E-03	1.24E-01	0.00E+00	1.67E-10	2.17E-10	2.51E-05	6.60E-07	1.66E-02	0.00E+00	1.24E-01	3.26E-10	1.24E-01	1.40E-01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
	WXF421V	3.79E-05	1.80E-02	3.27E-03	1.35E-02	1.10E-14	0.00E+00	1.90E-01	1.82E-07	1.75E-05	1.11E-04	0.00E+00	3.45E-04	1.45E-09	4.24E-11	2.02E-03	3.59E-05	1.18E-03	1.03E-04	2.53E-05	5.44E-03	1.27E-01	0.00E+00	1.72E-10	2.23E-10	2.58E-05	6.77E-07	1.70E-02	0.00E+00	1.27E-01	3.35E-10	1.27E-01	1.44E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
	WXF422B	4.34E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.14E-07	2.07E-05	1.29E-04	0.00E+00	3.80E-04	1.72E-09	5.03E-11	2.32E-03	4.16E-05	1.28E-03	0.00E+00	2.71E-05	6.40E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.01E-05	7.67E-07	1.97E-02	0.00E+00	1.48E-01	3.63E-10	1.48E-01	1.68E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
	WXF422E	3.09E-05	1.40E-02	2.53E-03	1.11E-02	4.40E-14	0.00E+00	1.54E-01	1.48E-07	1.42E-05	9.04E-05	0.00E+00	2.68E-04	1.18E-09	3.44E-11	1.64E-03	2.94E-05	9.67E-04	1.08E-04	1.97E-05	4.41E-03	1.04E-01	0.00E+00	1.40E-10	1.82E-10	2.10E-05	5.57E-07	1.39E-02	0.00E+00	1.04E-01	2.61E-10	1.04E-01	1.17E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	8.41E-04
	WXF422N	3.29E-05	1.50E-02	2.71E-03	1.18E-02	4.20E-14	0.00E+00	1.64E-01	1.58E-07	1.51E-05	9.62E-05	0.00E+00	2.87E-04	1.25E-09	3.67E-11	1.75E-03	3.12E-05	1.03E-03	1.11E-04	2.11E-05	4.70E-03	1.10E-01	0.00E+00	1.49E-10	1.94E-10	2.24E-05	5.92E-07	1.48E-02	0.00E+00	1.10E-01	2.79E-10	1.10E-01	1.25E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04
	WXF422R	3.16E-05	1.43E-02	2.59E-03	1.13E-02	4.30E-14	0.00E+00	1.57E-01	1.52E-07	1.45E-05	9.23E-05	0.00E+00	2.74E-04	1.20E-09	3.52E-11	1.68E-03	3.00E-05	9.88E-04	1.09E-04	2.01E-05	4.51E-03	1.06E-01	0.00E+00	1.43E-10	1.86E-10	2.15E-05	5.68E-07	1.42E-02	0.00E+00	1.06E-01	2.67E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.59E-04
	WXF422T	3.24E-05	1.47E-02	2.66E-03	1.16E-02	4.30E-14	0.00E+00	1.61E-01	1.55E-07	1.49E-05	9.46E-05	0.00E+00	2.82E-04	1.23E-09	3.60E-11	1.72E-03	3.07E-05	1.01E-03	1.10E-04	2.07E-05	4.62E-03	1.08E-01	0.00E+00	1.47E-10	1.91E-10	2.20E-05	5.82E-07	1.45E-02	0.00E+00	1.08E-01	2.74E-10	1.08E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.80E-04
	WXF422V	3.15E-05	1.43E-02	2.58E-03	1.12E-02	4.40E-14	0.00E+00	1.57E-01	1.51E-07	1.44E-05	9.19E-05	0.00E+00	2.73E-04	1.20E-09	3.50E-11	1.67E-03	2.98E-05	9.83E-04	1.09E-04	2.00E-05	4.49E-03	1.05E-01	0.00E+00	1.42E-10	1.85E-10	2.14E-05	5.66E-07	1.41E-02	0.00E+00	1.05E-01	2.65E-10	1.05E-01	1.19E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04
	WXF423B	3.59E-05	1.59E-02	3.00E-03	1.29E-02	0.00E+00	0.00E+00	1.86E-01	1.77E-07	1.72E-05	1.07E-04	0.00E+00	3.15E-04	1.43E-09	4.17E-11	1.93E-03	3.45E-05	1.06E-03	0.00E+00	2.24E-05	5.30E-03	1.23E-01	0.00E+00	1.66E-10	2.15E-10	2.49E-05	6.36E-07	1.64E-02	0.00E+00	1.23E-01	3.01E-10	1.23E-01	1.39E-01	1.64E-02	0.00E+00	0.00E+00	0.00E+00	9.64E-04
	WXF423E	4.81E-05	2.20E-02	3.98E-03	1.72E-02	5.70E-14	0.00E+00	2.40E-01	2.31E-07	2.21E-05	1.41E-04	0.00E+00	4.21E-04	1.83E-09	5.36E-11	2.56E-03	4.57E-05	1.50E-03	1.60E-04	3.09E-05	6.88E-03	1.61E-01	0.00E+00	2.18E-10	2.83E-10	3.28E-05	8.65E-07	2.16E-02	0.00E+00	1.61E-01	4.09E-10	1.61E-01	1.83E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
	WXF423N	4.38E-05	1.98E-02	3.59E-03	1.56E-02	6.20E-14	0.00E+00	2.18E-01	2.10E-07	2.01E-05	1.28E-04	0.00E+00	3.80E-04	1.67E-09	4.87E-11	2.33E-03	4.15E-05	1.37E-03	1.52E-04	2.78E-05	6.25E-03	1.47E-01	0.00E+00	1.98E-10	2.58E-10	2.98E-05	7.88E-07	1.96E-02	0.00E+00	1.47E-01	3.69E-10	1.47E-01	1.66E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
	WXF423R	4.69E-05	2.14E-02	3.87E-03	1.67E-02	5.90E-14	0.00E+00	2.33E-01	2.25E-07	2.15E-05	1.37E-04	0.00E+00	4.09E-04	1.79E-09	5.22E-11	2.49E-03	4.45E-05	1.46E-03	1.58E-04	3.00E-05	6.70E-03	1.57E-01	0.00E+00	2.12E-10	2.76E-10	3.19E-05	8.43E-07	2.10E-02	0.00E+00	1.57E-01	3.98E-10	1.57E-01	1.78E-01	2.10E-02	0.00E+00	0.00E+00	0.00E+00	1.27E-03
	WXF423T	4.52E-05	2.05E-02	3.71E-03	1.61E-02	6.00E-14	0.00E+00	2.25E-01	2.17E-07	2.07E-05	1.32E-04	0.00E+00	3.93E-04	1.72E-09	5.03E-11	2.40E-03	4.29E-05	1.41E-03	1.54E-04	2.88E-05	6.45E-03	1.51E-01	0.00E+00	2.04E-10	2.66E-10	3.07E-05	8.12E-07	2.02E-02	0.00E+00	1.51E-01	3.82E-10	1.51E-01	1.71E-01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-03
	WXF423V	4.79E-05	2.19E-02	3.96E-03	1.71E-02	5.80E-14	0.00E+00	2.38E-01	2.30E-07	2.20E-05	1.40E-04	0.00E+00	4.19E-04	1.82E-09	5.33E-11	2.54E-03	4.54E-05	1.49E-03	1.59E-04	3.07E-05	6.84E-03	1.60E-01	0.00E+00	2.17E-10	2.82E-10	3.26E-05	8.60E-07	2.14E-02	0.00E+00	1.60E-01	4.07E-10	1.60E-01	1.82E-01	2.14E-02	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	WXF431	9.02E-05	4.45E-02	8.14E-03	3.23E-02	5.80E-14	0.00E+00	4.54E-01	4.36E-07	4.19E-05	2.64E-04	0.00E+00	8.57E-04	3.47E-09	1.02E-10	4.81E-03	8.55E-05	2.79E-03	1.89E-04	6.27E-05	1.30E-02	3.03E-01	0.00E+00	4.09E-10	5.32E-10	6.16E-05	1.61E-06	4.05E-02	0.00E+00	3.03E-01	8.29E-10	3.03E-01	3.44E-01	4.05E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03
	WXF432	2.92E-05	1.31E-02	2.37E-03	1.04E-02	4.60E-14	0.00E+00	1.45E-01	1.40E-07	1.34E-05	8.52E-05	0.00E+00	2.51E-04	1.11E-09	3.24E-11	1.55E-03	2.77E-05	9.13E-04	1.04E-04	1.84E-05	4.16E-03	9.76E-02	0.00E+00	1.32E-10	1.72E-10	1.98E-05	5.25E-07	1.31E-02	0.00E+00	9.76E-02	2.44E-10	9.76E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.94E-04
	WXF433	4.81E-05	2.19E-02	3.98E-03	1.72E-02	5.70E-14	0.00E+00	2.39E-01	2.31E-07	2.21E-05	1.40E-04	0.00E+00	4.21E-04	1.83E-09	5.35E-11	2.55E-03	4.56E-05	1.50E-03	1.60E-04	3.08E-05	6.87E-03	1.61E-01	0.00E+00	2.17E-10	2.83E-10	3.27E-05	8.63E-07	2.15E-02	0.00E+00	1.61E-01	4.09E-10	1.61E-01	1.82E-01	2.15E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
	WXF452B	4.46E-06	1.98E-03	3.73E-04	1.61E-03	0.00E+00	0.00E+00	2.32E-02	2.20E-08	2.13E-06	1.32E-05	0.00E+00	3.92E-05	1.77E-10	5.18E-12	2.39E-04	4.28E-06	1.32E-04	0.00E+00	2.79E-06	6.58E-04	1.52E-02	0.00E+00	2.06E-11	2.67E-11	3.10E-06	7.90E-08	2.03E-03	0.00E+00	1.52E-02	3.74E-11	1.52E-02	1.73E-02	2.03E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-04
	WXF452N	1.74E-05	7.03E-03	1.26E-03	6.19E-03	6.60E-14	0.00E+00	8.52E-02	8.26E-08	7.87E-06	5.06E-05	0.00E+00	1.34E-04	6.52E-10	1.90E-11	9.20E-04	1.65E-05	5.50E-04	8.79E-05	9.84E-06	2.44E-03	5.79E-02	0.00E+00	7.83E-11	1.02E-10	1.18E-05	3.16E-07	7.76E-03	0.00E+00	5.79E-02	1.31E-10	5.79E-02	6.56E-02	7.76E-03	0.00E+00	0.00E+00	0.00E+00	4.76E-04
	WXF452T	1.60E-05	6.35E-03	1.13E-03	5.71E-03	6.70E-14	0.00E+00	7.84E-02	7.60E-08	7.24E-06	4.67E-05	0.00E+00	1.21E-04	5.99E-10	1.75E-11	8.48E-04	1.52E-05	5.08E-04	8.54E-05	8.88E-06	2.24E-03	5.33E-02	0.00E+00	7.21E-11	9.40E-11	1.08E-05	2.92E-07	7.15E-03	0.00E+00	5.33E-02	1.19E-10	5.33E-02	6.04E-02	7.15E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-04
	WXF453B	2.06E-05	7.89E-03	1.40E-03	7.32E-03	9.90E-14	0.00E+00	1.00E-01	9.73E-08	9.26E-06	5.98E-05	0.00E+00	1.49E-04	7.66E-10	2.24E-11	1.09E-03	1.95E-05	6.55E-04	1.18E-04	1.10E-05	2.86E-03	6.83E-02	0.00E+00	9.25E-11	1.21E-10	1.39E-05	3.76E-07	9.16E-03	0.00E+00	6.83E-02	1.47E-10	6.83E-02	7.75E-02	9.16E-03	0.00E+00	0.00E+00	0.00E+00	5.65E-04
	WXF453N	2.23E-05	8.77E-03	1.56E-03	7.95E-03	9.70E-14	0.00E+00	1.09E-01	1.06E-07	1.01E-05	6.50E-05	0.00E+00	1.67E-04	8.34E-10	2.44E-11	1.18E-03	2.12E-05	7.09E-04	1.22E-04	1.23E-05	3.12E-03	7.42E-02	0.00E+00	1.01E-10	1.31E-10	1.51E-05	4.08E-07	9.96E-03	0.00E+00	7.42E-02	1.64E-10	7.42E-02	8.42E-02	9.96E-03	0.00E+00	0.00E+00	0.00E+00	6.13E-04
	WXF453T	2.10E-05	8.09E-03	1.44E-03	7.47E-03	9.90E-14	0.00E+00	1.02E-01	9.93E-08	9.45E-06	6.10E-05	0.00E+00	1.53E-04	7.82E-10	2.28E-11	1.11E-03	1.99E-05	6.67E-04	1.19E-04	1.13E-05	2.92E-03	6.97E-02	0.00E+00	9.43E-11	1.23E-10	1.42E-05	3.83E-07	9.35E-03	0.00E+00	6.97E-02	1.51E-10	6.97E-02	7.90E-02	9.35E-03	0.00E+00	0.00E+00	0.00E+00	5.76E-04
	WXF462B	2.01E-05	9.41E-03	1.71E-03	7.17E-03	1.20E-14	0.00E+00	1.00E-01	9.65E-08	9.25E-06	5.87E-05	0.00E+00	1.81E-04	7.67E-10	2.24E-11	1.07E-03	1.90E-05	6.24E-04	5.85E-05	1.32E-05	2.88E-03	6.72E-02	0.00E+00	9.09E-11	1.18E-10	1.37E-05	3.59E-07	9.00E-03	0.00E+00	6.72E-02	1.75E-10	6.72E-02	7.62E-02	9.00E-03	0.00E+00	0.00E+00	0.00E+00	5.44E-04
	WXF462R	2.29E-05	1.08E-02	1.97E-03	8.18E-03	9.00E-15	0.00E+00	1.15E-01	1.10E-07	1.06E-05	6.69E-05	0.00E+00	2.08E-04	8.76E-10	2.56E-11	1.22E-03	2.17E-05	7.12E-04	6.38E-05	1.52E-05	3.29E-03	7.67E-02	0.00E+00	1.04E-10	1.35E-10	1.56E-05	4.10E-07	1.03E-02	0.00E+00	7.67E-02	2.02E-10	7.67E-02	8.70E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	6.20E-04
	WXF472B	2.07E-05	8.70E-03	1.56E-03	7.38E-03	6.20E-14	0.00E+00	1.02E-01	9.86E-08	9.41E-06	6.03E-05	0.00E+00	1.66E-04	7.79E-10	2.28E-11	1.10E-03	1.96E-05	6.52E-04	9.35E-05	1.22E-05	2.92E-03	6.90E-02	0.00E+00	9.33E-11	1.21E-10	1.40E-05	3.75E-07	9.24E-03	0.00E+00	6.90E-02	1.62E-10	6.90E-02	7.82E-02	9.24E-03	0.00E+00	0.00E+00	0.00E+00	5.65E-04
	WXF472E	1.92E-05	7.93E-03	1.42E-03	6.83E-03	6.40E-14	0.00E+00	9.43E-02	9.13E-08	8.70E-06	5.59E-05	0.00E+00	1.51E-04	7.21E-10	2.11E-11	1.02E-03	1.82E-05	6.06E-04	9.13E-05	1.11E-05	2.70E-03	6.39E-02	0.00E+00	8.65E-11	1.13E-10	1.30E-05	3.48E-07	8.56E-03	0.00E+00	6.39E-02	1.48E-10	6.39E-02	7.24E-02	8.56E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-04
	WXF472N	1.78E-05	7.25E-03	1.30E-03	6.35E-03	6.50E-14	0.00E+00	8.74E-02	8.47E-08	8.07E-06	5.19E-05	0.00E+00	1.38E-04	6.69E-10	1.95E-11	9.44E-04	1.69E-05	5.64E-04	8.87E-05	1.01E-05	2.50E-03	5.93E-02	0.00E+00	8.03E-11	1.05E-10	1.21E-05	3.24E-07	7.95E-03	0.00E+00	5.93E-02	1.35E-10	5.93E-02	6.73E-02	7.95E-03	0.00E+00	0.00E+00	0.00E+00	4.88E-04
	WXF472R	3.68E-05	1.63E-02	3.07E-03	1.32E-02	0.00E+00	0.00E+00	1.91E-01	1.81E-07	1.75E-05	1.09E-04	0.00E+00	3.22E-04	1.46E-09	4.26E-11	1.97E-03	3.53E-05	1.09E-03	0.00E+00	2.30E-05	5.42E-03	1.25E-01	0.00E+00	1.70E-10	2.20E-10	2.55E-05	6.50E-07	1.67E-02	0.00E+00	1.25E-01	3.08E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.86E-04
	WXF472T	2.05E-05	8.61E-03	1.55E-03	7.31E-03	6.20E-14	0.00E+00	1.01E-01	9.77E-08	9.32E-06	5.98E-05	0.00E+00	1.64E-04	7.72E-10	2.26E-11	1.09E-03	1.94E-05	6.46E-04	9.31E-05	1.21E-05	2.89E-03	6.83E-02	0.00E+00	9.25E-11	1.20E-10	1.39E-05	3.72E-07	9.16E-03	0.00E+00	6.83E-02	1.60E-10	6.83E-02	7.75E-02	9.16E-03	0.00E+00	0.00E+00	0.00E+00	5.60E-04
	WXF472V	1.92E-05	7.93E-03	1.42E-03	6.83E-03	6.40E-14	0.00E+00	9.43E-02	9.13E-08	8.70E-06	5.59E-05	0.00E+00	1.51E-04	7.21E-10	2.11E-11	1.02E-03	1.82E-05	6.06E-04	9.13E-05	1.11E-05	2.70E-03	6.39E-02	0.00E+00	8.65E-11	1.13E-10	1.30E-05	3.48E-07	8.56E-03	0.00E+00	6.39E-02	1.48E-10	6.39E-02	7.24E-02	8.56E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-04
	WXF473B	2.64E-05	1.08E-02	1.94E-03	9.40E-03	9.20E-14	0.00E+00	1.30E-01	1.25E-07	1.20E-05	7.68E-05	0.00E+00	2.06E-04	9.90E-10	2.89E-11	1.40E-03	2.50E-05	8.33E-04	1.29E-04	1.51E-05	3.71E-03	8.78E-02	0.00E+00	1.19E-10	1.55E-10	1.79E-05	4.79E-07	1.18E-02	0.00E+00	8.78E-02	2.02E-10	8.78E-02	9.96E-02	1.18E-02	0.00E+00	0.00E+00	0.00E+00	7.22E-04
	WXF473N	2.13E-05	8.28E-03	1.47E-03	7.59E-03	9.70E-14	0.00E+00	1.04E-01	1.01E-07	9.61E-06	6.20E-05	0.00E+00	1.57E-04	7.95E-10	2.32E-11	1.13E-03	2.02E-05	6.78E-04	1.19E-04	1.16E-05	2.97E-03	7.08E-02	0.00E+00	9.59E-11	1.25E-10	1.44E-05	3.89E-07	9.50E-03	0.00E+00	7.08E-02	1.55E-10	7.08E-02	8.03E-02	9.50E-03	0.00E+00	0.00E+00	0.00E+00	5.85E-04
	WXF473R	2.54E-05	1.03E-02	1.85E-03	9.05E-03	9.30E-14	0.00E+00	1.25E-01	1.21E-07	1.15E-05	7.40E-05	0.00E+00	1.96E-04	9.53E-10	2.78E-11	1.34E-03	2.41E-05	8.03E-04	1.27E-04	1.44E-05	3.57E-03	8.45E-02	0.00E+00	1.14E-10	1.49E-10	1.72E-05	4.62E-07	1.13E-02	0.00E+00	8.45E-02	1.92E-10	8.45E-02	9.59E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.95E-04
	WXF473T	1.73E-05	6.24E-03	1.10E-03	6.14E-03	1.02E-13	0.00E+00	8.36E-02	8.14E-08	7.73E-06	5.02E-05	0.00E+00	1.18E-04	6.40E-10	1.87E-11	9.12E-04	1.64E-05	5.53E-04	1.12E-04	8.69E-06	2.39E-03	5.73E-02	0.00E+00	7.76E-11	1.01E-10	1.17E-05	3.18E-07	7.69E-03	0.00E+00	5.73E-02	1.17E-10	5.73E-02	6.49E-02	7.69E-03	0.00E+00	0.00E+00	0.00E+00	4.76E-04
	WXPSS81	1.69E-04	7.50E-02	1.41E-02	6.09E-02	0.00E+00	0.00E+00	8.77E-01	8.34E-07	8.07E-05	5.02E-04	0.00E+00	1.48E-03	6.71E-09	1.96E-10	9.06E-03	1.62E-04	5.00E-03	0.00E+00	1.06E-04	2.49E-02	5.77E-01	0.00E+00	7.80E-10	1.01E-09	1.17E-04	2.99E-06	7.70E-02	0.00E+00	5.77E-01	1.42E-09	5.77E-01	6.54E-01	7.70E-02	0.00E+00	0.00E+00	0.00E+00	4.54E-03
	WXPSS82	2.37E-04	9.73E-02	1.83E-02	7.90E-02	0.00E+00	0.00E+00	1.14E+00	1.08E-06	1.05E-04	6.51E-04	0.00E+00	1.92E-03	8.70E-09	2.54E-10	1.17E-02	2.10E-04	6.49E-03	0.00E+00	1.37E-04	3.23E-02	7.48E-01	0.00E+00	1.01E-09	1.31E-09	1.52E-04	3.88E-06	9.99E-02	0.00E+00	7.48E-01	1.84E-09	7.48E-01	8.48E-01	9.99E-02	0.00E+00	0.00E+00	0.00E+00	5.88E-03
Use B1-B7	GS20009016	3.66E-03	7.15E-01	1.32E-03	7.14E-01	0.00E+00	0.00E+00	1.35E+00	1.88E-06	4.46E-04	7.17E-03	0.00E+00	3.13E-02	8.99E-11	2.15E-09	1.03E+00	1.98E-02	0.00E+00	0.00E+00	1.29E-03	1.21E-01	1.81E+01	0.00E+00	3.47E-09	2.95E-08	1.40E-03	2.77E-05	4.78E+00	0.00E+00	1.81E+01	2.53E-07	1.81E+01	2.28E+01	4.78E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02
	194802	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
	194818	1.15E-03	2.21E-01	1.50E-04	2.20E-01	0.00E+00	0.00E+00	4.14E-01	1.49E-07	1.38E-04	2.22E-03	0.00E+00	9.31E-03	2.78E-11	6.64E-10	3.14E-01	2.20E-03	0.00E+00	0.00E+00	9.93E-04	3.72E-02	5.59E+00	0.00E+00	1.06E-09	9.14E-09	4.35E-04	5.52E-06	8.11E-01	0.00E+00	5.59E+00	5.11E-08	5.59E+00	7.04E+00	8.11E-01	0.00E+00	0.00E+00	0.00E+00	4.26E-02
	194819	1.15E-03	2.21E-01	1.50E-04	2.20E-01	0.00E+00	0.00E+00	4.14E-01	1.49E-07	1.38E-04	2.22E-03	0.00E+00	9.31E-03	2.78E-11	6.64E-10	3.14E-01	2.20E-03	0.00E+00	0.00E+00	9.93E-04	3.72E-02	5.59E+00	0.00E+00	1.06E-09	9.14E-09	4.35E-04	5.52E-06	8.11E-01	0.00E+00	5.59E+00	5.11E-08	5.59E+00	7.04E+00	8.11E-01	0.00E+00	0.00E+00	0.00E+00	4.26E-02
	194830	1.15E-03	2.21E-01	1.50E-04	2.20E-01	0.00E+00	0.00E+00	4.14E-01	1.49E-07	1.38E-04	2.22E-03	0.00E+00	9.31E-03	2.78E-11	6.64E-10	3.14E-01	2.20E-03	0.00E+00	0.00E+00	9.93E-04	3.72E-02	5.59E+00	0.00E+00	1.06E-09	9.14E-09	4.35E-04	5.52E-06	8.11E-01	0.00E+00	5.59E+00	5.11E-08	5.59E+00	7.04E+00	8.11E-01	0.00E+00	0.00E+00	0.00E+00	4.26E-02
	396103	5.16E-04	9.94E-02	2.08E-03	9.80E-02	0.00E+00	0.00E+00	1.64E-01	2.47E-07	6.13E-05	9.84E-04	0.00E+00	3.37E-03	1.24E-11	2.94E-10	1.35E-01	2.68E-03	0.00E+00	0.00E+00	1.77E-04	1.57E-02	2.43E+00	0.00E+00	4.48E-10	4.08E-09	1.94E-04	3.66E-06	5.99E-01	0.00E+00	2.43E+00	3.34E-08	2.43E+00	3.03E+00	5.99E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-03
	396161	5.16E-04	9.94E-02	2.08E-03	9.80E-02	0.00E+00	0.00E+00	1.64E-01	2.47E-07	6.13E-05	9.84E-04	0.00E+00	3.37E-03	1.24E-11	2.94E-10	1.35E-01	2.68E-03	0.00E+00	0.00E+00	1.77E-04	1.57E-02	2.43E+00	0.00E+00	4.48E-10	4.08E-09	1.94E-04	3.66E-06	5.99E-01	0.00E+00	2.43E+00	3.34E-08	2.43E+00	3.03E+00	5.99E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-03
	396380	3.41E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
	396765	3.41E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
	396768	6.54E-04	1.25E-01	2.76E-03	1.22E-01	0.00E+00	0.00E+00	1.87E-01	2.99E-07	7.65E-05	1.23E-03	0.00E+00	3.45E-03	1.54E-11	3.66E-10	1.63E-01	3.31E-03	0.00E+00	0.00E+00	2.21E-04	1.88E-02	3.00E+00	0.00E+00	5.35E-10	5.12E-09	2.43E-04	4.44E-06	7.01E-01	0.00E+00	3.00E+00	4.05E-08	3.00E+00	3.70E+00	7.01E-01	0.00E+00	0.00E+00	0.00E+00	9.47E-03

396874	3.41E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
404049	5.00E-04	9.76E-02	1.80E-04	9.75E-02	0.00E+00	0.00E+00	1.84E-01	2.57E-07	6.09E-05	9.79E-04	0.00E+00	4.28E-03	1.23E-11	2.93E-10	1.40E-01	2.70E-03	0.00E+00	0.00E+00	1.76E-04	1.65E-02	2.46E+00	0.00E+00	4.73E-10	4.03E-09	1.92E-04	3.78E-06	6.52E-01	0.00E+00	2.46E+00	3.45E-08	2.46E+00	3.12E+00	6.52E-01	0.00E+00	0.00E+00	0.00E+00	7.48E-03
41091404	1.93E-02	3.70E+00	2.51E-03	3.69E+00	0.00E+00	0.00E+00	6.94E+00	2.50E-06	2.31E-03	3.71E-02	0.00E+00	1.56E-01	4.66E-10	1.11E-08	5.26E+00	3.69E-02	0.00E+00	0.00E+00	1.66E-02	6.23E-01	9.36E+01	0.00E+00	1.78E-08	1.53E-07	7.28E-03	9.23E-05	1.36E+01	0.00E+00	9.36E+01	8.56E-07	9.36E+01	1.18E+02	1.36E+01	0.00E+00	0.00E+00	0.00E+00	7.14E-01
41091606	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
41091909	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
41092045	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
41092089	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
41096084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41096086	7.44E-04	1.42E-01	9.65E-05	1.42E-01	0.00E+00	0.00E+00	2.67E-01	9.64E-08	8.91E-05	1.43E-03	0.00E+00	6.01E-03	1.80E-11	4.29E-10	2.03E-01	1.42E-03	0.00E+00	0.00E+00	6.41E-04	2.40E-02	3.61E+00	0.00E+00	6.84E-10	5.90E-09	2.81E-04	3.56E-06	5.23E-01	0.00E+00	3.61E+00	3.30E-08	3.61E+00	4.54E+00	5.23E-01	0.00E+00	0.00E+00	0.00E+00	2.75E-02
41096089	9.12E-04	1.74E-01	1.18E-04	1.74E-01	0.00E+00	0.00E+00	3.27E-01	1.18E-07	1.09E-04	1.75E-03	0.00E+00	7.36E-03	2.20E-11	5.25E-10	2.48E-01	1.74E-03	0.00E+00	0.00E+00	7.85E-04	2.94E-02	4.42E+00	0.00E+00	8.38E-10	7.22E-09	3.44E-04	4.36E-06	6.41E-01	0.00E+00	4.42E+00	4.04E-08	4.42E+00	5.57E+00	6.41E-01	0.00E+00	0.00E+00	0.00E+00	3.37E-02
41097003	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41097006	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41097009	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41098982	1.58E-03	3.03E-01	2.05E-04	3.02E-01	0.00E+00	0.00E+00	5.68E-01	2.05E-07	1.89E-04	3.04E-03	0.00E+00	1.28E-02	3.82E-11	9.11E-10	4.30E-01	3.02E-03	0.00E+00	0.00E+00	1.36E-03	5.10E-02	7.67E+00	0.00E+00	1.45E-09	1.25E-08	5.96E-04	7.56E-06	1.11E+00	0.00E+00	7.67E+00	7.01E-08	7.67E+00	9.66E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-02
41098989	7.19E-04	1.31E-01	2.41E-04	1.31E-01	0.00E+00	0.00E+00	2.47E-01	3.44E-07	8.16E-05	1.31E-03	0.00E+00	5.73E-03	1.64E-11	3.93E-10	1.88E-01	3.62E-03	0.00E+00	0.00E+00	2.35E-04	2.21E-02	3.30E+00	0.00E+00	6.34E-10	5.39E-09	2.57E-04	5.07E-06	8.74E-01	0.00E+00	3.30E+00	4.63E-08	3.30E+00	4.17E+00	8.74E-01	0.00E+00	0.00E+00	0.00E+00	1.00E-02
41101909	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
41101913	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
41101914	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
41101915	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
41101924	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
41102007	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
41102022	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
41102045	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
41102089	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
41106013	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41106014	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41106015	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41106024	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41106084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41106086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41106089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41107009	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41107113	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41107114	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41107115	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41108913	6.70E-04	1.31E-01	2.41E-04	1.31E-01	0.00E+00	0.00E+00	2.47E-01	3.44E-07	8.16E-05	1.31E-03	0.00E+00	5.73E-03	1.64E-11	3.93E-10	1.88E-01	3.62E-03	0.00E+00	0.00E+00	2.35E-04	2.21E-02	3.30E+00	0.00E+00	6.34E-10	5.39E-09	2.57E-04	5.07E-06	8.74E-01	0.00E+00	3.30E+00	4.63E-08	3.30E+00	4.17E+00	8.74E-01	0.00E+00	0.00E+00	0.00E+00	1.00E-02
41108914	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
41108915	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
41108924	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
41108989	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
41157003	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41157004	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41157006	4.68E-04	9.13E-02	1.68E-04	9.11E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.70E-05	9.15E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.53E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.54E-06	6.10E-01	0.00E+00	2.30E+00	3.23E-08	2.30E+00	2.91E+00	6.10E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-03
41157009	4.68E-04	9.13E-02	1.68E-04	9.11E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.70E-05	9.15E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.53E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.54E-06	6.10E-01	0.00E+00	2.30E+00	3.23E-08	2.30E+00	2.91E+00	6.10E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-03
41231404	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
41231606	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
41231909	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
41232045	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
41232089	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
41236084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41236086	4.84E-04	9.26E-02	6.28E-05	9.23E-02	0.00E+00	0.00E+00	1.74E-01	6.27E-08	5.79E-05	9.30E-04	0.00E+00	3.90E-03	1.17E-11	2.79E-10	1.32E-01	9.24E-04	0.00E+00	0.00E+00	4.17E-04	1.56E-02	2.35E+00	0.00E+00	4.45E-10	3.83E-09	1.82E-04	2.31E-06	3.40E-01	0.00E+00	2.35E+00	2.14E-08	2.35E+00	2.95E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
41236089	4.68E-04	9.13E-02	1.68E-04	9.11E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.70E-05	9.15E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.53E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.54E-06	6.10E-01	0.00E+00	2.30E+00	3.23E-08	2.30E+00	2.91E+00	6.10E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-03
41238982	1.58E-03	3.03E-01	2.05E-04	3.02E-01	0.00E+00	0.00E+00	5.68E-01	2.05E-07	1.89E-04	3.04E-03	0.00E+00	1.28E-02	3.82E-11	9.11E-10	4.30E-01	3.02E-03	0.00E+00	0.00E+00	1.36E-03	5.10E-02	7.67E+00	0.00E+00	1.45E-09	1.25E-08	5.96E-04	7.56E-06	1.11E+00	0.00E+00	7.67E+00	7.01E-08	7.67E+00	9.66E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-02
41238989	4.68E-04	9.13E-02	1.68E-04	9.11E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.70E-05	9.15E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.53E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.54E-06	6.10E-01	0.00E+00	2.30E+00	3.23E-08	2.30E+00	2.91E+00	6.10E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-03
41241404	4.84E-04	9.26E-02	6.28E-05	9.23E-02	0.00E+00	0.00E+00	1.74E-01	6.27E-08	5.79E-05	9.30E-04	0.00E+00	3.90E-03	1.17E-11	2.79E-10	1.32E-01	9.24E-04	0.00E+00	0.00E+00	4.17E-04	1.56E-02	2.35E+00	0.00E+00	4.45E-10	3.83E-09	1.82E-04	2.31E-06	3.40E-01	0.00E+00	2.35E+00	2.14E-08	2.35E+00	2.95E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
41241606	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
41241909	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
41248982	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
41248989	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
41357003	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41357004	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41357006	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41357009	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41392045	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
41392089	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
41401606	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
41401909	5.66E-03	1.08E+00	7.34E-04	1.08E+00	0.00E+00	0.00E+00	2.03E+00	7.33E-07	6.77E-04	1.09E-02	0.00E+00	4.56E-02	1.36E-10	3.26E-09	1.54E+00	1.08E-02	0.00E+00	0.00E+00	4.87E-03	1.82E-01	2.74E+01	0.00E+00	5.20E-09	4.48E-08	2.13E-03	2.70E-05	3.98E+00	0.00E+00	2.74E+01	2.51E-07	2.74E+01	3.45E+01	3.98E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-01
41406086	8.75E-04	1.67E-01	1.13E-04	1.67E-01	0.00E+00	0.00E+00	3.14E-01	1.13E-07	1.05E-04	1.68E-03	0.00E+00	7.06E-03	2.11E-11	5.04E-10	2.38E-01	1.67E-03	0.00E+00	0.00E+00	7.53E-04	2.82E-02	4.24E+00	0.00E+00	8.04E-10	6.93E-09	3.30E-04	4.18E-06	6.15E-01	0.00E+00	4.24E+00	3.88E-08	4.24E+00	5.34E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
41406089	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
41407006	8.75E-04	1.67E-01	1.13E-04	1.67E-01	0.00E+00	0.00E+00	3.14E-01	1.13E-07	1.05E-04	1.68E-03	0.00E+00	7.06E-03	2.11E-11	5.04E-10	2.38E-01	1.67E-03	0.00E+00	0.00E+00	7.53E-04	2.82E-02	4.24E+00	0.00E+00	8.04E-10	6.93E-09	3.30E-04	4.18E-06	6.15E-01	0.00E+00	4.24E+00	3.88E-08	4.24E+00	5.34E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
41407009	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41408982	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
41408989	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
41428989	5.64E-02	1.08E+01	7.32E-03	1.08E+01	0.00E+00	0.00E+00	2.03E+01	7.31E-06	6.75E-03	1.08E-01	0.00E+00	4.55E-01	1.36E-09	3.25E-08	1.53E+01	1.08E-01	0.00E+00	0.00E+00	4.86E-02	1.82E+00	2.73E+02	0.00E+00	5.18E-08	4.47E-07	2.13E-02	2.70E-04	3.97E+01	0.00E+00	2.73E+02	2.50E-06	2.73E+02	3.44E+02	3.97E+01	0.00E+00	0.00E+00	0.00E+00	2.08E+00
41429909	5.64E-02	1.08E+01	7.32E-03	1.08E+01	0.00E+00	0.00E+00	2.03E+01	7.31E-06	6.75E-03	1.08E-01	0.00E+00	4.55E-01	1.36E-09	3.25E-08	1.53E+01	1.08E-01	0.00E+00	0.00E+00	4.86E-02	1.82E+00	2.73E+02	0.00E+00	5.18E-08	4.47E-07	2.13E-02	2.70E-04	3.97E+01	0.00E+00	2.73E+02	2.50E-06	2.73E+02	3.44E+02	3.97E+01	0.00E+00	0.00E+00	0.00E+00	2.08E+00
41431404	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
41431606	3.66E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
41431909	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
41431912	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
41431913	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
41431914	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
41432045	4.68E-04	9.13E-02	1.68E-04	9.11E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.70E-05	9.15E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.53E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.54E-06	6.10E-01	0.00E+00	2.30E+00	3.23E-08	2.30E+00	2.91E+00	6.10E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-03
41432089	4.68E-04	9.13E-02	1.68E-04	9.11E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.70E-05	9.15E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.53E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.54E-06	6.10E-01	0.00E+00	2.30E+00	3.23E-08	2.30E+00	2.91E+00	6.10E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-03
41436012	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41436013	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02

41436014	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41436084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41436086	4.68E-04	9.13E-02	1.68E-04	9.11E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.70E-05	9.15E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.53E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.54E-06	6.10E-01	0.00E+00	2.30E+00	3.23E-08	2.30E+00	2.91E+00	6.10E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-03
41436089	4.68E-04	9.13E-02	1.68E-04	9.11E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.70E-05	9.15E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.53E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.54E-06	6.10E-01	0.00E+00	2.30E+00	3.23E-08	2.30E+00	2.91E+00	6.10E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-03
41438912	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
41438913	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
41438914	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
41438982	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
41438989	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
414520	4.68E-04	9.13E-02	1.68E-04	9.11E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.70E-05	9.15E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.53E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.54E-06	6.10E-01	0.00E+00	2.30E+00	3.23E-08	2.30E+00	2.91E+00	6.10E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-03
41452045	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
41452089	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
414521	4.68E-04	9.13E-02	1.68E-04	9.11E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.70E-05	9.15E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.53E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.54E-06	6.10E-01	0.00E+00	2.30E+00	3.23E-08	2.30E+00	2.91E+00	6.10E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-03
41491404	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
41491606	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
41491909	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
41496084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41496086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41496089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41498982	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
41498989	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
41516013	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41516014	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41516015	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41516024	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41517113	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41517115	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41517124	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41631909	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
41636086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41636089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
41637006	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41637009	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
41638982	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
41638989	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
41661909	1.49E-04	2.85E-02	1.93E-05	2.84E-02	0.00E+00	0.00E+00	5.35E-02	1.93E-08	1.78E-05	2.86E-04	0.00E+00	1.20E-03	3.59E-12	8.57E-11	4.05E-02	2.84E-04	0.00E+00	0.00E+00	1.28E-04	4.80E-03	7.22E-01	0.00E+00	1.37E-10	1.18E-09	5.61E-05	7.12E-07	1.05E-01	0.00E+00	7.22E-01	6.60E-09	7.22E-01	9.09E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	5.50E-03
41666084	1.49E-04	2.85E-02	1.93E-05	2.84E-02	0.00E+00	0.00E+00	5.35E-02	1.93E-08	1.78E-05	2.86E-04	0.00E+00	1.20E-03	3.59E-12	8.57E-11	4.05E-02	2.84E-04	0.00E+00	0.00E+00	1.28E-04	4.80E-03	7.22E-01	0.00E+00	1.37E-10	1.18E-09	5.61E-05	7.12E-07	1.05E-01	0.00E+00	7.22E-01	6.60E-09	7.22E-01	9.09E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	5.50E-03
41666086	1.49E-04	2.85E-02	1.93E-05	2.84E-02	0.00E+00	0.00E+00	5.35E-02	1.93E-08	1.78E-05	2.86E-04	0.00E+00	1.20E-03	3.59E-12	8.57E-11	4.05E-02	2.84E-04	0.00E+00	0.00E+00	1.28E-04	4.80E-03	7.22E-01	0.00E+00	1.37E-10	1.18E-09	5.61E-05	7.12E-07	1.05E-01	0.00E+00	7.22E-01	6.60E-09	7.22E-01	9.09E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	5.50E-03
41666089	1.49E-04	2.85E-02	1.93E-05	2.84E-02	0.00E+00	0.00E+00	5.35E-02	1.93E-08	1.78E-05	2.86E-04	0.00E+00	1.20E-03	3.59E-12	8.57E-11	4.05E-02	2.84E-04	0.00E+00	0.00E+00	1.28E-04	4.80E-03	7.22E-01	0.00E+00	1.37E-10	1.18E-09	5.61E-05	7.12E-07	1.05E-01	0.00E+00	7.22E-01	6.60E-09	7.22E-01	9.09E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	5.50E-03
41668982	1.49E-04	2.85E-02	1.93E-05	2.84E-02	0.00E+00	0.00E+00	5.35E-02	1.93E-08	1.78E-05	2.86E-04	0.00E+00	1.20E-03	3.59E-12	8.57E-11	4.05E-02	2.84E-04	0.00E+00	0.00E+00	1.28E-04	4.80E-03	7.22E-01	0.00E+00	1.37E-10	1.18E-09	5.61E-05	7.12E-07	1.05E-01	0.00E+00	7.22E-01	6.60E-09	7.22E-01	9.09E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	5.50E-03
41668989	1.49E-04	2.85E-02	1.93E-05	2.84E-02	0.00E+00	0.00E+00	5.35E-02	1.93E-08	1.78E-05	2.86E-04	0.00E+00	1.20E-03	3.59E-12	8.57E-11	4.05E-02	2.84E-04	0.00E+00	0.00E+00	1.28E-04	4.80E-03	7.22E-01	0.00E+00	1.37E-10	1.18E-09	5.61E-05	7.12E-07	1.05E-01	0.00E+00	7.22E-01	6.60E-09	7.22E-01	9.09E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	5.50E-03
41681909	1.49E-04	2.85E-02	1.93E-05	2.84E-02	0.00E+00	0.00E+00	5.35E-02	1.93E-08	1.78E-05	2.86E-04	0.00E+00	1.20E-03	3.59E-12	8.57E-11	4.05E-02	2.84E-04	0.00E+00	0.00E+00	1.28E-04	4.80E-03	7.22E-01	0.00E+00	1.37E-10	1.18E-09	5.61E-05	7.12E-07	1.05E-01	0.00E+00	7.22E-01	6.60E-09	7.22E-01	9.09E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	5.50E-03
41686086	1.49E-04	2.85E-02	1.93E-05	2.84E-02	0.00E+00	0.00E+00	5.35E-02	1.93E-08	1.78E-05	2.86E-04	0.00E+00	1.20E-03	3.59E-12	8.57E-11	4.05E-02	2.84E-04	0.00E+00	0.00E+00	1.28E-04	4.80E-03	7.22E-01	0.00E+00	1.37E-10	1.18E-09	5.61E-05	7.12E-07	1.05E-01	0.00E+00	7.22E-01	6.60E-09	7.22E-01	9.09E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	5.50E-03
41686089	1.08E-03	2.07E-01	1.40E-04	2.06E-01	0.00E+00	0.00E+00	3.88E-01	1.40E-07	1.29E-04	2.08E-03	0.00E+00	8.71E-03	2.60E-11	6.21E-10	2.94E-01	2.06E-03	0.00E+00	0.00E+00	9.29E-04	3.48E-02	5.23E+00	0.00E+00	9.92E-10	8.55E-09	4.07E-04	5.16E-06	7.59E-01	0.00E+00	5.23E+00	4.78E-08	5.23E+00	6.59E+00	7.59E-01	0.00E+00	0.00E+00	0.00E+00	3.99E-02
41688989	1.49E-04	2.85E-02	1.93E-05	2.84E-02	0.00E+00	0.00E+00	5.35E-02	1.93E-08	1.78E-05	2.86E-04	0.00E+00	1.20E-03	3.59E-12	8.57E-11	4.05E-02	2.84E-04	0.00E+00	0.00E+00	1.28E-04	4.80E-03	7.22E-01	0.00E+00	1.37E-10	1.18E-09	5.61E-05	7.12E-07	1.05E-01	0.00E+00	7.22E-01	6.60E-09	7.22E-01	9.09E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	5.50E-03
417508	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
417509	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
417708	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
418037	4.84E-04	9.26E-02	6.28E-05	9.23E-02	0.00E+00	0.00E+00	1.74E-01	6.27E-08	5.79E-05	9.30E-04	0.00E+00	3.90E-03	1.17E-11	2.79E-10	1.32E-01	9.24E-04	0.00E+00	0.00E+00	4.17E-04	1.56E-02	2.35E+00	0.00E+00	4.45E-10	3.83E-09	1.82E-04	2.31E-06	3.40E-01	0.00E+00	2.35E+00	2.14E-08	2.35E+00	2.95E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
418105	1.43E-03	2.74E-01	1.86E-04	2.73E-01	0.00E+00	0.00E+00	5.14E-01	1.86E-07	1.72E-04	2.75E-03	0.00E+00	1.16E-02	3.46E-11	8.25E-10	3.90E-01	2.74E-03	0.00E+00	0.00E+00	1.23E-03	4.62E-02	6.95E+00	0.00E+00	1.32E-09	1.14E-08	5.40E-04	6.85E-06	1.01E+00	0.00E+00	6.95E+00	6.35E-08	6.95E+00	8.75E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
418109	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
418802	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
418805	1.43E-03	2.74E-01	1.86E-04	2.73E-01	0.00E+00	0.00E+00	5.14E-01	1.86E-07	1.72E-04	2.75E-03	0.00E+00	1.16E-02	3.46E-11	8.25E-10	3.90E-01	2.74E-03	0.00E+00	0.00E+00	1.23E-03	4.62E-02	6.95E+00	0.00E+00	1.32E-09	1.14E-08	5.40E-04	6.85E-06	1.01E+00	0.00E+00	6.95E+00	6.35E-08	6.95E+00	8.75E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
418806	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
418808	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
418809	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
418858	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
418902	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
418905	1.39E-03	2.71E-01	4.98E-04	2.70E-01	0.00E+00	0.00E+00	5.11E-01	7.13E-07	1.69E-04	2.71E-03	0.00E+00	1.19E-02	3.40E-11	8.13E-10	3.89E-01	7.49E-03	0.00E+00	0.00E+00	4.87E-04	4.57E-02	6.83E+00	0.00E+00	1.31E-09	1.12E-08	5.32E-04	1.05E-05	1.81E+00	0.00E+00	6.83E+00	9.58E-08	6.83E+00	8.64E+00	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-02
418906	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
418909	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
419005	1.43E-03	2.74E-01	1.86E-04	2.73E-01	0.00E+00	0.00E+00	5.14E-01	1.86E-07	1.72E-04	2.75E-03	0.00E+00	1.16E-02	3.46E-11	8.25E-10	3.90E-01	2.74E-03	0.00E+00	0.00E+00	1.23E-03	4.62E-02	6.95E+00	0.00E+00	1.32E-09	1.14E-08	5.40E-04	6.85E-06	1.01E+00	0.00E+00	6.95E+00	6.35E-08	6.95E+00	8.75E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
4211	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
421109	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
4212	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
421209	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
4216	5.56E-04	1.07E-01	2.24E-03	1.06E-01	0.00E+00	0.00E+00	1.77E-01	2.66E-07	6.61E-05	1.06E-03	0.00E+00	3.63E-03	1.33E-11	3.17E-10	1.45E-01	2.89E-03	0.00E+00	0.00E+00	1.91E-04	1.69E-02	2.62E+00	0.00E+00	4.82E-10	4.40E-09	2.09E-04	3.94E-06	6.46E-01	0.00E+00	2.62E+00	3.59E-08	2.62E+00	3.27E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-03
421601	5.56E-04	1.07E-01	2.24E-03	1.06E-01	0.00E+00	0.00E+00	1.77E-01	2.66E-07	6.61E-05	1.06E-03	0.00E+00	3.63E-03	1.33E-11	3.17E-10	1.45E-01	2.89E-03	0.00E+00	0.00E+00	1.91E-04	1.69E-02	2.62E+00	0.00E+00	4.82E-10	4.40E-09	2.09E-04	3.94E-06	6.46E-01	0.00E+00	2.62E+00	3.59E-08	2.62E+00	3.27E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-03
421609	3.41E-04	6.65E-02	1.22E-04	6.64E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.15E-05	6.67E-04	0.00E+00	2.92E-03	8.36E-12	2.00E-10	9.56E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.22E-10	2.74E-09	1.31E-04	2.58E-06	4.44E-01	0.00E+00	1.68E+00	2.35E-08	1.68E+00	2.12E+00	4.44E-01	0.00E+00	0.00E+00	0.00E+00	5.09E-03
470049	4.39E-04	8.57E-02	1.58E-04	8.55E-02	0.00E+00	0.00E+00	1.62E-01	2.25E-07	5.35E-05	8.59E-04	0.00E+00	3.75E-03	1.08E-11	2.57E-10	1.23E-01	2.37E-03	0.00E+00	0.00E+00	1.54E-04	1.45E-02	2.16E+00	0.00E+00	4.15E-10	3.53E-09	1.68E-04	3.32E-06	5.72E-01	0.00E+00	2.16E+00	3.03E-08	2.16E+00	2.73E+00	5.72E-01	0.00E+00	0.00E+00	0.00E+00	6.56E-03
47063512	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
47063515	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47063522	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47063525	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47063532	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
47063535	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47081909	2.25E-03	4.30E-01	9.51E-03	4.21E-01	0.00E+00	0.00E+00	6.45E-01	1.03E-06	2.64E-04	4.23E-03	0.00E+00	1.19E-02	5.32E-11	1.26E-09	5.63E-01	1.14E-02	0.00E+00	0.00E+00	7.63E-04	6.49E-02	1.03E+01	0.00E+00	1.84E-09	1.76E-08	8.36E-04	1.53E-05	2.42E+00	0.00E+00	1.03E+01	1.40E-07	1.03E+01	1.27E+01	2.42E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-02
47086084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47086086	7.44E-04	1.42E-01	9.65E-05	1.42E-01	0.00E+00	0.00E+00	2.67E-01	9.64E-08	8.91E-05	1.43E-03	0.00E+00	6.01E-03	1.80E-11	4.29E-10	2.03E-01	1.42E-03	0.00E+00	0.00E+00	6.41E-04	2.40E-02	3.61E+00	0.00E+00	6.84E-10	5.90E-09	2.81E-04	3.56E-06	5.23E-01	0.00E+00	3.61E+00	3.30E-08	3.61E+00	4.54E+00	5.23E-01	0.00E+00	0.00E+00	0.00E+00	2.75E-02
47086089	8.93E-04	1.71E-01	1.16E-04	1.70E-01	0.00E+00	0.00E+00	3.21E-01	1.16E-07	1.07E-04	1.72E-03	0.00E+00	7.21E-03	2.15E-11	5.14E-10	2.43E-01	1.71E-03	0.00E+00	0.00E+00	7.69E-04	2.88E-02	4.33E+00	0.00E+00	8.21E-10	7.08E-09	3.37E-04	4.27E-06	6.28E-01	0.00E+00	4.33E+00	3.96E-08	4.33E+00	5.45E+00	6.28E-01	0.00E+00	0.00E+00	0.00E+00	3.30E-02
47087003	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47087006	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47087009	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47088982	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47088989	1.92E-03	3.75E-01	6.91E-04	3.75E-01	0.00E+00	0.00E+00	7.09E-01	9.88E-07	2.34E-04	3.76E-03	0.00E+00	1.65E-02	4.72E-11	1.13E-09	5.40E-01	1.04E-02	0.00E+00	0.00E+00	6.76E-04	6.34E-02	9.48E+00	0.00E+00	1.82E-09	1.55E-08	7.37E-04	1.45E-05	2.51E+00	0.00E+00	9.48E+00	1.33E-07	9.48E+00	1.20E+01	2.51E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-02

471020	6.28E-04	1.14E-01	2.10E-04	1.14E-01	0.00E+00	0.00E+00	2.16E-01	3.00E-07	7.12E-05	1.14E-03	0.00E+00	5.00E-03	1.44E-11	3.43E-10	1.64E-01	3.16E-03	0.00E+00	0.00E+00	2.05E-04	1.93E-02	2.88E+00	0.00E+00	5.53E-10	4.71E-09	2.24E-04	4.42E-06	7.62E-01	0.00E+00	2.88E+00	4.04E-08	2.88E+00	3.64E+00	7.62E-01	0.00E+00	0.00E+00	0.00E+00	8.74E-03
471040	1.56E-03	2.84E-01	5.23E-04	2.84E-01	0.00E+00	0.00E+00	5.37E-01	7.48E-07	1.77E-04	2.85E-03	0.00E+00	1.25E-02	3.57E-11	8.53E-10	4.08E-01	7.86E-03	0.00E+00	0.00E+00	5.11E-04	4.80E-02	7.17E+00	0.00E+00	1.38E-09	1.17E-08	5.58E-04	1.10E-05	1.90E+00	0.00E+00	7.17E+00	1.00E-07	7.17E+00	9.07E+00	1.90E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
471060	2.37E-03	4.63E-01	8.52E-04	4.62E-01	0.00E+00	0.00E+00	8.74E-01	1.22E-06	2.89E-04	4.64E-03	0.00E+00	2.03E-02	5.82E-11	1.39E-09	6.65E-01	1.28E-02	0.00E+00	0.00E+00	8.33E-04	7.81E-02	1.17E+01	0.00E+00	2.24E-09	1.91E-08	9.09E-04	1.79E-05	3.09E+00	0.00E+00	1.17E+01	1.64E-07	1.17E+01	1.48E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-02
4715	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
471501	5.99E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
471509	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47157003	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47157004	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47157006	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.77E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47157009	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.77E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47157013	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47157014	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47157015	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47157113	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47157114	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47157115	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
4716	5.56E-04	1.07E-01	2.24E-03	1.06E-01	0.00E+00	0.00E+00	1.77E-01	2.66E-07	6.61E-05	1.06E-03	0.00E+00	3.63E-03	1.33E-11	3.17E-10	1.45E-01	2.89E-03	0.00E+00	0.00E+00	1.91E-04	1.69E-02	2.62E+00	0.00E+00	4.82E-10	4.40E-09	2.09E-04	3.94E-06	6.46E-01	0.00E+00	2.62E+00	3.59E-08	2.62E+00	3.27E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-03
471601	5.56E-04	1.07E-01	2.24E-03	1.06E-01	0.00E+00	0.00E+00	1.77E-01	2.66E-07	6.61E-05	1.06E-03	0.00E+00	3.63E-03	1.33E-11	3.17E-10	1.45E-01	2.89E-03	0.00E+00	0.00E+00	1.91E-04	1.69E-02	2.62E+00	0.00E+00	4.82E-10	4.40E-09	2.09E-04	3.94E-06	6.46E-01	0.00E+00	2.62E+00	3.59E-08	2.62E+00	3.27E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-03
471609	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
4718	5.56E-04	1.07E-01	2.24E-03	1.06E-01	0.00E+00	0.00E+00	1.77E-01	2.66E-07	6.61E-05	1.06E-03	0.00E+00	3.63E-03	1.33E-11	3.17E-10	1.45E-01	2.89E-03	0.00E+00	0.00E+00	1.91E-04	1.69E-02	2.62E+00	0.00E+00	4.82E-10	4.40E-09	2.09E-04	3.94E-06	6.46E-01	0.00E+00	2.62E+00	3.59E-08	2.62E+00	3.27E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-03
471801	5.56E-04	1.07E-01	2.24E-03	1.06E-01	0.00E+00	0.00E+00	1.77E-01	2.66E-07	6.61E-05	1.06E-03	0.00E+00	3.63E-03	1.33E-11	3.17E-10	1.45E-01	2.89E-03	0.00E+00	0.00E+00	1.91E-04	1.69E-02	2.62E+00	0.00E+00	4.82E-10	4.40E-09	2.09E-04	3.94E-06	6.46E-01	0.00E+00	2.62E+00	3.59E-08	2.62E+00	3.27E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-03
471809	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
4719	5.56E-04	1.07E-01	2.24E-03	1.06E-01	0.00E+00	0.00E+00	1.77E-01	2.66E-07	6.61E-05	1.06E-03	0.00E+00	3.63E-03	1.33E-11	3.17E-10	1.45E-01	2.89E-03	0.00E+00	0.00E+00	1.91E-04	1.69E-02	2.62E+00	0.00E+00	4.82E-10	4.40E-09	2.09E-04	3.94E-06	6.46E-01	0.00E+00	2.62E+00	3.59E-08	2.62E+00	3.27E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-03
471909	5.56E-04	1.07E-01	2.24E-03	1.06E-01	0.00E+00	0.00E+00	1.77E-01	2.66E-07	6.61E-05	1.06E-03	0.00E+00	3.63E-03	1.33E-11	3.17E-10	1.45E-01	2.89E-03	0.00E+00	0.00E+00	1.91E-04	1.69E-02	2.62E+00	0.00E+00	4.82E-10	4.40E-09	2.09E-04	3.94E-06	6.46E-01	0.00E+00	2.62E+00	3.59E-08	2.62E+00	3.27E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-03
47202045	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
47202089	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
47206084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47206086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47206089	1.21E-03	2.35E-01	4.33E-04	2.35E-01	0.00E+00	0.00E+00	4.45E-01	6.20E-07	1.47E-04	2.36E-03	0.00E+00	1.03E-02	2.96E-11	7.07E-10	3.38E-01	6.52E-03	0.00E+00	0.00E+00	4.24E-04	3.98E-02	5.94E+00	0.00E+00	1.14E-09	9.71E-09	4.62E-04	9.12E-06	1.57E+00	0.00E+00	5.94E+00	8.33E-08	5.94E+00	7.52E+00	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02
47206094	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47206096	7.44E-04	1.42E-01	9.65E-05	1.42E-01	0.00E+00	0.00E+00	2.67E-01	9.64E-08	8.91E-05	1.43E-03	0.00E+00	6.01E-03	1.80E-11	4.29E-10	2.03E-01	1.42E-03	0.00E+00	0.00E+00	6.41E-04	2.40E-02	3.61E+00	0.00E+00	6.84E-10	5.90E-09	2.81E-04	3.56E-06	5.23E-01	0.00E+00	3.61E+00	3.30E-08	3.61E+00	4.54E+00	5.23E-01	0.00E+00	0.00E+00	0.00E+00	2.75E-02
47206099	1.21E-03	2.35E-01	4.33E-04	2.35E-01	0.00E+00	0.00E+00	4.45E-01	6.20E-07	1.47E-04	2.36E-03	0.00E+00	1.03E-02	2.96E-11	7.07E-10	3.38E-01	6.52E-03	0.00E+00	0.00E+00	4.24E-04	3.98E-02	5.94E+00	0.00E+00	1.14E-09	9.71E-09	4.62E-04	9.12E-06	1.57E+00	0.00E+00	5.94E+00	8.33E-08	5.94E+00	7.52E+00	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02
47208982	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47208989	1.21E-03	2.35E-01	4.33E-04	2.35E-01	0.00E+00	0.00E+00	4.45E-01	6.20E-07	1.47E-04	2.36E-03	0.00E+00	1.03E-02	2.96E-11	7.07E-10	3.38E-01	6.52E-03	0.00E+00	0.00E+00	4.24E-04	3.98E-02	5.94E+00	0.00E+00	1.14E-09	9.71E-09	4.62E-04	9.12E-06	1.57E+00	0.00E+00	5.94E+00	8.33E-08	5.94E+00	7.52E+00	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02
47209909	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47209939	2.84E-02	5.44E+00	3.69E-03	5.43E+00	0.00E+00	0.00E+00	1.02E+01	3.68E-06	3.40E-03	5.47E-02	0.00E+00	2.29E-01	6.86E-10	1.64E-08	7.74E+00	5.43E-02	0.00E+00	0.00E+00	2.45E-02	9.17E-01	1.38E+02	0.00E+00	2.61E-08	2.25E-07	1.07E-02	1.36E-04	2.00E+01	0.00E+00	1.38E+02	1.26E-06	1.38E+02	1.74E+02	2.00E+01	0.00E+00	0.00E+00	0.00E+00	1.05E+00
47209949	1.21E-03	2.35E-01	4.33E-04	2.35E-01	0.00E+00	0.00E+00	4.45E-01	6.20E-07	1.47E-04	2.36E-03	0.00E+00	1.03E-02	2.96E-11	7.07E-10	3.38E-01	6.52E-03	0.00E+00	0.00E+00	4.24E-04	3.98E-02	5.94E+00	0.00E+00	1.14E-09	9.71E-09	4.62E-04	9.12E-06	1.57E+00	0.00E+00	5.94E+00	8.33E-08	5.94E+00	7.52E+00	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02
47228982	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
47228989	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47229909	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47229939	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
47229949	7.28E-03	1.39E+00	9.44E-04	1.39E+00	0.00E+00	0.00E+00	2.61E+00	9.43E-07	8.71E-04	1.40E-02	0.00E+00	5.87E-02	1.76E-10	4.19E-09	1.98E+00	1.39E-02	0.00E+00	0.00E+00	6.27E-03	2.35E-01	3.53E+01	0.00E+00	6.69E-09	5.76E-08	2.74E-03	3.48E-05	5.12E+00	0.00E+00	3.53E+01	3.22E-07	3.53E+01	4.44E+01	5.12E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-01
47231404	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
47231606	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47231903	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
47231909	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47231914	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
47231917	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
47231922	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
47232045	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47232089	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47236003	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47236022	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47236084	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47236086	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47236089	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47238903	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
47238907	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
47238914	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
47238917	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
47238922	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47238982	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47238989	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47241404	4.84E-04	9.26E-02	6.28E-05	9.23E-02	0.00E+00	0.00E+00	1.74E-01	6.27E-08	5.79E-05	9.30E-04	0.00E+00	3.90E-03	1.17E-11	2.79E-10	1.32E-01	9.24E-04	0.00E+00	0.00E+00	4.17E-04	1.56E-02	2.35E+00	0.00E+00	4.45E-10	3.83E-09	1.82E-04	2.31E-06	3.40E-01	0.00E+00	2.35E+00	2.14E-08	2.35E+00	2.95E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
47241606	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
47241909	5.64E-02	1.08E+01	7.32E-03	1.08E+01	0.00E+00	0.00E+00	2.03E+01	7.31E-06	6.75E-03	1.08E-01	0.00E+00	4.55E-01	1.36E-09	3.25E-08	1.53E+01	1.08E-01	0.00E+00	0.00E+00	4.86E-02	1.82E+00	2.73E+02	0.00E+00	5.18E-08	4.47E-07	2.13E-02	2.70E-04	3.97E+01	0.00E+00	2.73E+02	2.50E-06	2.73E+02	3.44E+02	3.97E+01	0.00E+00	0.00E+00	0.00E+00	2.08E+00
47248982	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
47248989	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47271404	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47271606	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47271909	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47272045	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
47272089	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
47276084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47276086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47276089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47278982	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47278989	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47287103	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47287106	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47287109	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47357002	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47357003	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47357004	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47357006	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03

47357009	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47357113	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47357115	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47387003	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47387006	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47387009	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47393505	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47397003	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47397006	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47397009	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47397013	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47397014	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47397015	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47397114	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47397115	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47403512	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47403515	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47403521	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
47403523	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
47403524	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
47403527	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
47403533	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
47413512	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
47413515	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47413522	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
47413525	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
47428982	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47428989	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47429909	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47429939	2.84E-02	5.44E+00	3.69E-03	5.43E+00	0.00E+00	0.00E+00	1.02E+01	3.68E-06	3.40E-03	5.47E-02	0.00E+00	2.29E-01	6.86E-10	1.64E-08	7.74E+00	5.43E-02	0.00E+00	0.00E+00	2.45E-02	9.17E-01	1.38E+02	0.00E+00	2.61E-08	2.25E-07	1.07E-02	1.36E-04	2.00E+01	0.00E+00	1.38E+02	1.26E-06	1.38E+02	1.74E+02	2.00E+01	0.00E+00	0.00E+00	0.00E+00	1.05E+00
47429949	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47431404	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47431606	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47431903	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47431907	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47431909	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47431912	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47431913	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47431914	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
47431922	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47432003	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
47432007	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
47432017	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
47432022	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
47432045	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47432089	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47436003	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47436007	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47436009	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47436012	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47436013	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47436014	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47436022	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47436039	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47436049	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47436069	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47436079	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47436084	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47436086	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.77E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47436089	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.77E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47438903	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47438907	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47438912	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47438913	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
47438914	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47438922	1.31E-03	2.56E-01	4.72E-04	2.56E-01	0.00E+00	0.00E+00	4.84E-01	6.75E-07	1.60E-04	2.57E-03	0.00E+00	1.12E-02	3.22E-11	7.70E-10	3.68E-01	7.09E-03	0.00E+00	0.00E+00	4.61E-04	4.33E-02	6.47E+00	0.00E+00	1.24E-09	1.06E-08	5.03E-04	9.93E-06	1.71E+00	0.00E+00	6.47E+00	9.06E-08	6.47E+00	8.18E+00	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-02
47438982	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47438989	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47441404	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
47441606	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47441909	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47441949	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
47442045	5.98E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.05E-01	2.86E-07	6.79E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.56E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.27E-10	4.48E-09	2.14E-04	4.21E-06	7.26E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.47E+00	7.26E-01	0.00E+00	0.00E+00	0.00E+00	8.33E-03
47442079	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
47442089	5.98E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.05E-01	2.86E-07	6.79E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.56E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.27E-10	4.48E-09	2.14E-04	4.21E-06	7.26E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.47E+00	7.26E-01	0.00E+00	0.00E+00	0.00E+00	8.33E-03
47446084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47446086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47446089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47448982	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47448989	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
474520	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.77E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47452045	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
474521	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.77E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47461404	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
47461606	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02

47461909	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47466084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47466086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47466089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47468982	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47468989	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47477103	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47477104	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47477106	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47477109	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47487103	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47487104	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47487106	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47487109	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47491404	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
47491606	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
47491909	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
47496084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47496086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47496089	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47498982	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47498989	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47501404	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47501606	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47501902	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47501903	5.64E-02	1.08E+01	7.32E-03	1.08E+01	0.00E+00	0.00E+00	2.03E+01	7.31E-06	6.75E-03	1.08E-01	0.00E+00	4.55E-01	1.36E-09	3.25E-08	1.53E+01	1.08E-01	0.00E+00	0.00E+00	4.86E-02	1.82E+00	2.73E+02	0.00E+00	5.18E-08	4.47E-07	2.13E-02	2.70E-04	3.97E+01	0.00E+00	2.73E+02	2.50E-06	2.73E+02	3.44E+02	3.97E+01	0.00E+00	0.00E+00	0.00E+00	2.08E+00
47501907	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47501909	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47501913	5.64E-02	1.08E+01	7.32E-03	1.08E+01	0.00E+00	0.00E+00	2.03E+01	7.31E-06	6.75E-03	1.08E-01	0.00E+00	4.55E-01	1.36E-09	3.25E-08	1.53E+01	1.08E-01	0.00E+00	0.00E+00	4.86E-02	1.82E+00	2.73E+02	0.00E+00	5.18E-08	4.47E-07	2.13E-02	2.70E-04	3.97E+01	0.00E+00	2.73E+02	2.50E-06	2.73E+02	3.44E+02	3.97E+01	0.00E+00	0.00E+00	0.00E+00	2.08E+00
47501914	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
47501915	5.64E-02	1.08E+01	7.32E-03	1.08E+01	0.00E+00	0.00E+00	2.03E+01	7.31E-06	6.75E-03	1.08E-01	0.00E+00	4.55E-01	1.36E-09	3.25E-08	1.53E+01	1.08E-01	0.00E+00	0.00E+00	4.86E-02	1.82E+00	2.73E+02	0.00E+00	5.18E-08	4.47E-07	2.13E-02	2.70E-04	3.97E+01	0.00E+00	2.73E+02	2.50E-06	2.73E+02	3.44E+02	3.97E+01	0.00E+00	0.00E+00	0.00E+00	2.08E+00
47501924	5.64E-02	1.08E+01	7.32E-03	1.08E+01	0.00E+00	0.00E+00	2.03E+01	7.31E-06	6.75E-03	1.08E-01	0.00E+00	4.55E-01	1.36E-09	3.25E-08	1.53E+01	1.08E-01	0.00E+00	0.00E+00	4.86E-02	1.82E+00	2.73E+02	0.00E+00	5.18E-08	4.47E-07	2.13E-02	2.70E-04	3.97E+01	0.00E+00	2.73E+02	2.50E-06	2.73E+02	3.44E+02	3.97E+01	0.00E+00	0.00E+00	0.00E+00	2.08E+00
47506002	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47506003	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47506007	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47506013	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47506014	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47506015	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
47506084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47506086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47506089	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47508902	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47508903	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47508907	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47508913	5.64E-02	1.08E+01	7.32E-03	1.08E+01	0.00E+00	0.00E+00	2.03E+01	7.31E-06	6.75E-03	1.08E-01	0.00E+00	4.55E-01	1.36E-09	3.25E-08	1.53E+01	1.08E-01	0.00E+00	0.00E+00	4.86E-02	1.82E+00	2.73E+02	0.00E+00	5.18E-08	4.47E-07	2.13E-02	2.70E-04	3.97E+01	0.00E+00	2.73E+02	2.50E-06	2.73E+02	3.44E+02	3.97E+01	0.00E+00	0.00E+00	0.00E+00	2.08E+00
47508914	5.64E-02	1.08E+01	7.32E-03	1.08E+01	0.00E+00	0.00E+00	2.03E+01	7.31E-06	6.75E-03	1.08E-01	0.00E+00	4.55E-01	1.36E-09	3.25E-08	1.53E+01	1.08E-01	0.00E+00	0.00E+00	4.86E-02	1.82E+00	2.73E+02	0.00E+00	5.18E-08	4.47E-07	2.13E-02	2.70E-04	3.97E+01	0.00E+00	2.73E+02	2.50E-06	2.73E+02	3.44E+02	3.97E+01	0.00E+00	0.00E+00	0.00E+00	2.08E+00
47508915	5.64E-02	1.08E+01	7.32E-03	1.08E+01	0.00E+00	0.00E+00	2.03E+01	7.31E-06	6.75E-03	1.08E-01	0.00E+00	4.55E-01	1.36E-09	3.25E-08	1.53E+01	1.08E-01	0.00E+00	0.00E+00	4.86E-02	1.82E+00	2.73E+02	0.00E+00	5.18E-08	4.47E-07	2.13E-02	2.70E-04	3.97E+01	0.00E+00	2.73E+02	2.50E-06	2.73E+02	3.44E+02	3.97E+01	0.00E+00	0.00E+00	0.00E+00	2.08E+00
47508924	5.64E-02	1.08E+01	7.32E-03	1.08E+01	0.00E+00	0.00E+00	2.03E+01	7.31E-06	6.75E-03	1.08E-01	0.00E+00	4.55E-01	1.36E-09	3.25E-08	1.53E+01	1.08E-01	0.00E+00	0.00E+00	4.86E-02	1.82E+00	2.73E+02	0.00E+00	5.18E-08	4.47E-07	2.13E-02	2.70E-04	3.97E+01	0.00E+00	2.73E+02	2.50E-06	2.73E+02	3.44E+02	3.97E+01	0.00E+00	0.00E+00	0.00E+00	2.08E+00
47508982	1.36E-03	2.60E-01	1.76E-04	2.59E-01	0.00E+00	0.00E+00	4.88E-01	1.76E-07	1.63E-04	2.61E-03	0.00E+00	1.10E-02	3.28E-11	7.82E-10	3.70E-01	2.60E-03	0.00E+00	0.00E+00	1.17E-03	4.38E-02	6.59E+00	0.00E+00	1.25E-09	1.08E-08	5.12E-04	6.49E-06	9.55E-01	0.00E+00	6.59E+00	6.02E-08	6.59E+00	8.29E+00	9.55E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-02
47508989	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47511909	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47512045	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47512089	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47516039	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47516059	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47516064	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47516066	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.77E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47516069	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47516072	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47516074	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47516076	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
47516079	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47516084	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47516086	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47516089	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47517103	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47517104	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47517106	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47517109	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47517203	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47517204	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47517206	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47517209	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
47517214	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47518982	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47518989	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.77E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47521404	4.84E-04	9.26E-02	6.28E-05	9.23E-02	0.00E+00	0.00E+00	1.74E-01	6.27E-08	5.79E-05	9.30E-04	0.00E+00	3.90E-03	1.17E-11	2.79E-10	1.32E-01	9.24E-04	0.00E+00	0.00E+00	4.17E-04	1.56E-02	2.35E+00	0.00E+00	4.45E-10	3.83E-09	1.82E-04	2.31E-06	3.40E-01	0.00E+00	2.35E+00	2.14E-08	2.35E+00	2.95E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
47521606	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47521909	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
47526039	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47526049	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47526084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47526086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47526089	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
47527103	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02

47527104	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47527106	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47527109	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47527203	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47527204	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47527206	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47527209	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47528982	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47528989	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
4755	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
475501	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47552045	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47552089	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47591606	4.38E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47591909	4.38E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47601404	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47601606	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47601909	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
4763	5.56E-04	1.07E-01	2.24E-03	1.06E-01	0.00E+00	0.00E+00	1.77E-01	2.66E-07	6.61E-05	1.06E-03	0.00E+00	3.63E-03	1.33E-11	3.17E-10	1.45E-01	2.89E-03	0.00E+00	0.00E+00	1.91E-04	1.69E-02	2.62E+00	0.00E+00	4.82E-10	4.40E-09	2.09E-04	3.94E-06	6.46E-01	0.00E+00	2.62E+00	3.59E-08	2.62E+00	3.27E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-03
476301	5.56E-04	1.07E-01	2.24E-03	1.06E-01	0.00E+00	0.00E+00	1.77E-01	2.66E-07	6.61E-05	1.06E-03	0.00E+00	3.63E-03	1.33E-11	3.17E-10	1.45E-01	2.89E-03	0.00E+00	0.00E+00	1.91E-04	1.69E-02	2.62E+00	0.00E+00	4.82E-10	4.40E-09	2.09E-04	3.94E-06	6.46E-01	0.00E+00	2.62E+00	3.59E-08	2.62E+00	3.27E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-03
476309	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47631404	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
47631606	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
47631909	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
47633502	5.36E-04	1.03E-01	2.16E-03	1.02E-01	0.00E+00	0.00E+00	1.70E-01	2.57E-07	6.37E-05	1.02E-03	0.00E+00	3.50E-03	1.29E-11	3.05E-10	1.40E-01	2.78E-03	0.00E+00	0.00E+00	1.84E-04	1.63E-02	2.53E+00	0.00E+00	4.65E-10	4.24E-09	2.01E-04	3.80E-06	6.23E-01	0.00E+00	2.53E+00	3.47E-08	2.53E+00	3.15E+00	6.23E-01	0.00E+00	0.00E+00	0.00E+00	7.86E-03
47633505	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47633522	5.36E-04	1.03E-01	2.16E-03	1.02E-01	0.00E+00	0.00E+00	1.70E-01	2.57E-07	6.37E-05	1.02E-03	0.00E+00	3.50E-03	1.29E-11	3.05E-10	1.40E-01	2.78E-03	0.00E+00	0.00E+00	1.84E-04	1.63E-02	2.53E+00	0.00E+00	4.65E-10	4.24E-09	2.01E-04	3.80E-06	6.23E-01	0.00E+00	2.53E+00	3.47E-08	2.53E+00	3.15E+00	6.23E-01	0.00E+00	0.00E+00	0.00E+00	7.86E-03
47633525	5.18E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47636084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47636086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47636089	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
47637003	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47637006	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47637009	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47638982	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
47638989	6.54E-04	1.25E-01	2.76E-03	1.22E-01	0.00E+00	0.00E+00	1.87E-01	2.99E-07	7.65E-05	1.23E-03	0.00E+00	3.45E-03	1.54E-11	3.66E-10	1.63E-01	3.31E-03	0.00E+00	0.00E+00	2.21E-04	1.88E-02	3.00E+00	0.00E+00	5.35E-10	5.12E-09	2.43E-04	4.44E-06	7.01E-01	0.00E+00	3.00E+00	4.05E-08	3.00E+00	3.70E+00	7.01E-01	0.00E+00	0.00E+00	0.00E+00	9.47E-03
47693502	1.40E-03	2.67E-01	1.81E-04	2.66E-01	0.00E+00	0.00E+00	5.01E-01	1.81E-07	1.67E-04	2.68E-03	0.00E+00	1.13E-02	3.37E-11	8.04E-10	3.80E-01	2.67E-03	0.00E+00	0.00E+00	1.20E-03	4.50E-02	6.77E+00	0.00E+00	1.28E-09	1.11E-08	5.26E-04	6.67E-06	9.81E-01	0.00E+00	6.77E+00	6.19E-08	6.77E+00	8.52E+00	9.81E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-02
47703522	5.58E-04	1.07E-01	7.24E-05	1.07E-01	0.00E+00	0.00E+00	2.00E-01	7.23E-08	6.68E-05	1.07E-03	0.00E+00	4.50E-03	1.35E-11	3.21E-10	1.52E-01	1.07E-03	0.00E+00	0.00E+00	4.81E-04	1.80E-02	2.71E+00	0.00E+00	5.13E-10	4.42E-09	2.10E-04	2.67E-06	3.93E-01	0.00E+00	2.71E+00	2.47E-08	2.71E+00	3.41E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	2.06E-02
47703525	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47703532	1.40E-03	2.67E-01	1.81E-04	2.66E-01	0.00E+00	0.00E+00	5.01E-01	1.81E-07	1.67E-04	2.68E-03	0.00E+00	1.13E-02	3.37E-11	8.04E-10	3.80E-01	2.67E-03	0.00E+00	0.00E+00	1.20E-03	4.50E-02	6.77E+00	0.00E+00	1.28E-09	1.11E-08	5.26E-04	6.67E-06	9.81E-01	0.00E+00	6.77E+00	6.19E-08	6.77E+00	8.52E+00	9.81E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-02
47703535	1.40E-03	2.67E-01	1.81E-04	2.66E-01	0.00E+00	0.00E+00	5.01E-01	1.81E-07	1.67E-04	2.68E-03	0.00E+00	1.13E-02	3.37E-11	8.04E-10	3.80E-01	2.67E-03	0.00E+00	0.00E+00	1.20E-03	4.50E-02	6.77E+00	0.00E+00	1.28E-09	1.11E-08	5.26E-04	6.67E-06	9.81E-01	0.00E+00	6.77E+00	6.19E-08	6.77E+00	8.52E+00	9.81E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-02
47703545	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
47703552	5.96E-04	1.15E-01	2.40E-03	1.13E-01	0.00E+00	0.00E+00	1.89E-01	2.85E-07	7.08E-05	1.14E-03	0.00E+00	3.89E-03	1.43E-11	3.39E-10	1.56E-01	3.09E-03	0.00E+00	0.00E+00	2.04E-04	1.81E-02	2.81E+00	0.00E+00	5.16E-10	4.71E-09	2.24E-04	4.22E-06	6.92E-01	0.00E+00	2.81E+00	3.85E-08	2.81E+00	3.50E+00	6.92E-01	0.00E+00	0.00E+00	0.00E+00	8.73E-03
47703555	5.96E-04	1.15E-01	2.40E-03	1.13E-01	0.00E+00	0.00E+00	1.89E-01	2.85E-07	7.08E-05	1.14E-03	0.00E+00	3.89E-03	1.43E-11	3.39E-10	1.56E-01	3.09E-03	0.00E+00	0.00E+00	2.04E-04	1.81E-02	2.81E+00	0.00E+00	5.16E-10	4.71E-09	2.24E-04	4.22E-06	6.92E-01	0.00E+00	2.81E+00	3.85E-08	2.81E+00	3.50E+00	6.92E-01	0.00E+00	0.00E+00	0.00E+00	8.73E-03
47703562	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
47703565	7.15E-04	1.38E-01	2.88E-03	1.36E-01	0.00E+00	0.00E+00	2.27E-01	3.42E-07	8.49E-05	1.36E-03	0.00E+00	4.67E-03	1.71E-11	4.07E-10	1.87E-01	3.71E-03	0.00E+00	0.00E+00	2.45E-04	2.17E-02	3.37E+00	0.00E+00	6.20E-10	5.65E-09	2.68E-04	5.06E-06	8.30E-01	0.00E+00	3.37E+00	4.62E-08	3.37E+00	4.20E+00	8.30E-01	0.00E+00	0.00E+00	0.00E+00	1.05E-02
47721606	4.38E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47721909	4.38E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47726084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
47726086	4.38E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47726096	8.56E-04	1.56E-01	2.86E-04	1.55E-01	0.00E+00	0.00E+00	2.94E-01	4.10E-07	9.71E-05	1.56E-03	0.00E+00	6.82E-03	1.96E-11	4.67E-10	2.24E-01	4.31E-03	0.00E+00	0.00E+00	2.80E-04	2.63E-02	3.93E+00	0.00E+00	7.54E-10	6.42E-09	3.06E-04	6.03E-06	1.04E+00	0.00E+00	3.93E+00	5.50E-08	3.93E+00	4.97E+00	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02
47726099	8.56E-04	1.56E-01	2.86E-04	1.55E-01	0.00E+00	0.00E+00	2.94E-01	4.10E-07	9.71E-05	1.56E-03	0.00E+00	6.82E-03	1.96E-11	4.67E-10	2.24E-01	4.31E-03	0.00E+00	0.00E+00	2.80E-04	2.63E-02	3.93E+00	0.00E+00	7.54E-10	6.42E-09	3.06E-04	6.03E-06	1.04E+00	0.00E+00	3.93E+00	5.50E-08	3.93E+00	4.97E+00	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02
47728989	4.38E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47733512	1.40E-03	2.67E-01	1.81E-04	2.66E-01	0.00E+00	0.00E+00	5.01E-01	1.81E-07	1.67E-04	2.68E-03	0.00E+00	1.13E-02	3.37E-11	8.04E-10	3.80E-01	2.67E-03	0.00E+00	0.00E+00	1.20E-03	4.50E-02	6.77E+00	0.00E+00	1.28E-09	1.11E-08	5.26E-04	6.67E-06	9.81E-01	0.00E+00	6.77E+00	6.19E-08	6.77E+00	8.52E+00	9.81E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-02
47733515	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47733522	8.19E-04	1.57E-01	1.06E-04	1.56E-01	0.00E+00	0.00E+00	2.94E-01	1.06E-07	9.80E-05	1.57E-03	0.00E+00	6.61E-03	1.98E-11	4.71E-10	2.23E-01	1.56E-03	0.00E+00	0.00E+00	7.05E-04	2.64E-02	3.97E+00	0.00E+00	7.53E-10	6.49E-09	3.09E-04	3.91E-06	5.76E-01	0.00E+00	3.97E+00	3.63E-08	3.97E+00	5.00E+00	5.76E-01	0.00E+00	0.00E+00	0.00E+00	3.03E-02
47733525	9.64E-04	1.88E-01	3.46E-04	1.88E-01	0.00E+00	0.00E+00	3.56E-01	4.96E-07	1.17E-04	1.89E-03	0.00E+00	8.25E-03	2.37E-11	5.65E-10	2.71E-01	5.21E-03	0.00E+00	0.00E+00	3.39E-04	3.18E-02	4.75E+00	0.00E+00	9.12E-10	7.76E-09	3.70E-04	7.29E-06	1.26E+00	0.00E+00	4.75E+00	6.66E-08	4.75E+00	6.01E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
47741606	4.38E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47741909	4.38E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47746086	4.08E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47746089	4.08E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47746096	8.56E-04	1.56E-01	2.86E-04	1.55E-01	0.00E+00	0.00E+00	2.94E-01	4.10E-07	9.71E-05	1.56E-03	0.00E+00	6.82E-03	1.96E-11	4.67E-10	2.24E-01	4.31E-03	0.00E+00	0.00E+00	2.80E-04	2.63E-02	3.93E+00	0.00E+00	7.54E-10	6.42E-09	3.06E-04	6.03E-06	1.04E+00	0.00E+00	3.93E+00	5.50E-08	3.93E+00	4.97E+00	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02
47746099	4.38E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47748982	4.38E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47748989	4.38E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47753522	9.61E-04	1.84E-01	4.05E-03	1.79E-01	0.00E+00	0.00E+00	2.75E-01	4.40E-07	1.12E-04	1.80E-03	0.00E+00	5.07E-03	2.27E-11	5.38E-10	2.40E-01	4.87E-03	0.00E+00	0.00E+00	3.25E-04	2.77E-02	4.40E+00	0.00E+00	7.86E-10	7.52E-09	3.56E-04	6.52E-06	1.03E+00	0.00E+00	4.40E+00	5.95E-08	4.40E+00	5.43E+00	1.03E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02
47753525	9.64E-04	1.88E-01	3.46E-04	1.88E-01	0.00E+00	0.00E+00	3.56E-01	4.96E-07	1.17E-04	1.89E-03	0.00E+00	8.25E-03	2.37E-11	5.65E-10	2.71E-01	5.21E-03	0.00E+00	0.00E+00	3.39E-04	3.18E-02	4.75E+00	0.00E+00	9.12E-10	7.76E-09	3.70E-04	7.29E-06	1.26E+00	0.00E+00	4.75E+00	6.66E-08	4.75E+00	6.01E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
47753532	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
47753535	1.04E-03	1.88E-01	3.46E-04	1.88E-01	0.00E+00	0.00E+00	3.56E-01	4.96E-07	1.17E-04	1.89E-03	0.00E+00	8.25E-03	2.37E-11	5.65E-10	2.71E-01	5.21E-03	0.00E+00	0.00E+00	3.39E-04	3.18E-02	4.75E+00	0.00E+00	9.12E-10	7.76E-09	3.70E-04	7.29E-06	1.26E+00	0.00E+00	4.75E+00	6.66E-08	4.75E+00	6.01E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
47753542	5.96E-04	1.15E-01	2.40E-03	1.13E-01	0.00E+00	0.00E+00	1.89E-01	2.85E-07	7.08E-05	1.14E-03	0.00E+00	3.89E-03	1.43E-11	3.39E-10	1.56E-01	3.09E-03	0.00E+00	0.00E+00	2.04E-04	1.81E-02	2.81E+00	0.00E+00	5.16E-10	4.71E-09	2.24E-04	4.22E-06	6.92E-01	0.00E+00	2.81E+00	3.85E-08	2.81E+00	3.50E+00	6.92E-01	0.00E+00	0.00E+00	0.00E+00	8.73E-03
47753545	5.18E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47753552	1.40E-03	2.67E-01	1.81E-04	2.66E-01	0.00E+00	0.00E+00	5.01E-01	1.81E-07	1.67E-04	2.68E-03	0.00E+00	1.13E-02	3.37E-11	8.04E-10	3.80E-01	2.67E-03	0.00E+00	0.00E+00	1.20E-03	4.50E-02	6.77E+00	0.00E+00	1.28E-09	1.11E-08	5.26E-04	6.67E-06	9.81E-01	0.00E+00	6.77E+00	6.19E-08	6.77E+00	8.52E+00	9.81E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-02
47753555	1.40E-03	2.67E-01	1.81E-04	2.66E-01	0.00E+00	0.00E+00	5.01E-01	1.81E-07	1.67E-04	2.68E-03	0.00E+00	1.13E-02	3.37E-11	8.04E-10	3.80E-01	2.67E-03	0.00E+00	0.00E+00	1.20E-03	4.50E-02	6.77E+00	0.00E+00	1.28E-09	1.11E-08	5.26E-04	6.67E-06	9.81E-01	0.00E+00	6.77E+00	6.19E-08	6.77E+00	8.52E+00	9.81E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-02
47753565	1.40E-03	2.67E-01	1.81E-04	2.66E-01	0.00E+00	0.00E+00	5.01E-01	1.81E-07	1.67E-04	2.68E-03	0.00E+00	1.13E-02	3.37E-11	8.04E-10	3.80E-01	2.67E-03	0.00E+00	0.00E+00	1.20E-03	4.50E-02	6.77E+00	0.00E+00	1.28E-09	1.11E-08	5.26E-04	6.67E-06	9.81E-01	0.00E+00	6.77E+00	6.19E-08	6.77E+00	8.52E+00	9.81E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-02
47761404	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47761606	4.28E-04	7.79E-02	1.43E-04	7.78E-02	0.00E+00	0.00E+00	1.47E-01	2.05E-07	4.86E-05	7.81E-04	0.00E+00	3.41E-03	9.80E-12	2.34E-10	1.12E-01	2.16E-03	0.00E+00	0.00E+00	1.40E-04	1.32E-02	1.97E+00	0.00E+00	3.77E-10	3.21E-09	1.53E-04	3.02E-06	5.20E-01	0.00E+00	1.97E+00	2.76E-08	1.97E+00	2.49E+00	5.20E-01	0.00E+00	0.00E+00	0.00E+00	5.97E-03
47761909	4.28E-04	7.79E-02	1.43E-04	7.78E-02	0.00E+00	0.00E+00	1.47E-01	2.05E-07	4.86E-05	7.81E-04	0.00E+00	3.41E-03	9.80E-12	2.34E-10	1.12E-01	2.16E-03	0.00E+00	0.00E+00	1.40E-04	1.32E-02	1.97E+00	0.00E+00	3.77E-10	3.21E-09	1.53E-04	3.02E-06	5.20E-01	0.00E+00	1.97E+00	2.76E-08	1.97E+00	2.49E+00	5.20E-01	0.00E+00	0.00E+00	0.00E+00	5.97E-03
47771404	1.93E-02	3.70E+00	2.51E-03	3.69E+00	0.00E+00	0.00E+00	6.94E+00	2.50E-06	2.31E-03	3.71E-02	0.00E+00	1.56E-01	4.66E-10	1.11E-08	5.26E+00	3.69E-02	0.00E+00	0.00E+00	1.66E-02	6.23E-01	9.36E+01	0.00E+00	1.78E-08	1.53E-07	7.28E-03	9.23E-05	1.36E+01	0.00E+00	9.36E+01	8.56E-07	9.36E+01	1.18E+02	1.36E+01	0.00E+00	0.00E+00	0.00E+00	7.14E-01
47771606	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47771909	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47781404	1.93E-02	3.70E+00	2.51E-03	3.69E+00	0.00E+00	0.00E+00	6.94E+00	2.50E-06	2.31E-03	3.71E-02	0.00E+00	1.56E-01	4.66E-10	1.11E-08	5.26E+00	3.69E-02	0.00E+00	0.00E+00	1.66E-02	6.23E-01	9.36E+01	0.00E+00	1.78E-08	1.53E-07	7.28E-03	9.23E-05	1.36E+01	0.00E+00	9.36E+01	8.56E-07	9.36E+01	1.18E+02	1.36E+01	0.00E+00	0.00E+00	0.00E+00	7.14E-01
47781606	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
47781909	4.28E-04	7.79E-02	1.43E-04	7.78E-02	0.00E+00	0.00E+00	1.47E-01	2.05E-07	4.86E-05	7.81E-04	0.00E+00	3.41E-03	9.80E-12	2.34E-10	1.12E-01	2.16E-03	0.00E+00	0.00E+00	1.40E-04	1.32E-02	1.97E+00	0.00E+00	3.77E-10	3.21E-09	1.53E-04	3.02E-06	5.20E-01	0.00E+00	1.97E+00	2.76E-08	1.97E+00	2.49E+00	5.20E-01	0.00E+00	0.00E+00	0.00E+00	5.97E-03
47791909	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
47843512	5.18E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03

47843515	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47843532	5.96E-04	1.15E-01	2.40E-03	1.13E-01	0.00E+00	0.00E+00	1.89E-01	2.85E-07	7.08E-05	1.14E-03	0.00E+00	3.89E-03	1.43E-11	3.39E-10	1.56E-01	3.09E-03	0.00E+00	0.00E+00	2.04E-04	1.81E-02	2.81E+00	0.00E+00	5.16E-10	4.71E-09	2.24E-04	4.22E-06	6.92E-01	0.00E+00	2.81E+00	3.85E-08	2.81E+00	3.50E+00	6.92E-01	0.00E+00	0.00E+00	0.00E+00	8.73E-03
47843535	5.96E-04	1.15E-01	2.40E-03	1.13E-01	0.00E+00	0.00E+00	1.89E-01	2.85E-07	7.08E-05	1.14E-03	0.00E+00	3.89E-03	1.43E-11	3.39E-10	1.56E-01	3.09E-03	0.00E+00	0.00E+00	2.04E-04	1.81E-02	2.81E+00	0.00E+00	5.16E-10	4.71E-09	2.24E-04	4.22E-06	6.92E-01	0.00E+00	2.81E+00	3.85E-08	2.81E+00	3.50E+00	6.92E-01	0.00E+00	0.00E+00	0.00E+00	8.73E-03
47843542	5.96E-04	1.15E-01	2.40E-03	1.13E-01	0.00E+00	0.00E+00	1.89E-01	2.85E-07	7.08E-05	1.14E-03	0.00E+00	3.89E-03	1.43E-11	3.39E-10	1.56E-01	3.09E-03	0.00E+00	0.00E+00	2.04E-04	1.81E-02	2.81E+00	0.00E+00	5.16E-10	4.71E-09	2.24E-04	4.22E-06	6.92E-01	0.00E+00	2.81E+00	3.85E-08	2.81E+00	3.50E+00	6.92E-01	0.00E+00	0.00E+00	0.00E+00	8.73E-03
47843545	5.18E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47851606	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47851909	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
47861949	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
47867109	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
47871909	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
478816	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
478819	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
478826	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
478829	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
478836	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
478869	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
47893502	5.36E-04	1.03E-01	2.16E-03	1.02E-01	0.00E+00	0.00E+00	1.70E-01	2.57E-07	6.37E-05	1.02E-03	0.00E+00	3.50E-03	1.29E-11	3.05E-10	1.40E-01	2.78E-03	0.00E+00	0.00E+00	1.84E-04	1.63E-02	2.53E+00	0.00E+00	4.65E-10	4.24E-09	2.01E-04	3.80E-06	6.23E-01	0.00E+00	2.53E+00	3.47E-08	2.53E+00	3.15E+00	6.23E-01	0.00E+00	0.00E+00	0.00E+00	7.86E-03
47893505	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
47893522	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
47893525	9.64E-04	1.88E-01	3.46E-04	1.88E-01	0.00E+00	0.00E+00	3.56E-01	4.96E-07	1.17E-04	1.89E-03	0.00E+00	8.25E-03	2.37E-11	5.65E-10	2.71E-01	5.21E-03	0.00E+00	0.00E+00	3.39E-04	3.18E-02	4.75E+00	0.00E+00	9.12E-10	7.76E-09	3.70E-04	7.29E-06	1.26E+00	0.00E+00	4.75E+00	6.66E-08	4.75E+00	6.01E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
47911404	1.93E-02	3.70E+00	2.51E-03	3.69E+00	0.00E+00	0.00E+00	6.94E+00	2.50E-06	2.31E-03	3.71E-02	0.00E+00	1.56E-01	4.66E-10	1.11E-08	5.26E+00	3.69E-02	0.00E+00	0.00E+00	1.66E-02	6.23E-01	9.36E+01	0.00E+00	1.78E-08	1.53E-07	7.28E-03	9.23E-05	1.36E+01	0.00E+00	9.36E+01	8.56E-07	9.36E+01	1.18E+02	1.36E+01	0.00E+00	0.00E+00	0.00E+00	7.14E-01
47911606	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47911616	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47911909	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47911919	4.28E-04	7.79E-02	1.43E-04	7.78E-02	0.00E+00	0.00E+00	1.47E-01	2.05E-07	4.86E-05	7.81E-04	0.00E+00	3.41E-03	9.80E-12	2.34E-10	1.12E-01	2.16E-03	0.00E+00	0.00E+00	1.40E-04	1.32E-02	1.97E+00	0.00E+00	3.77E-10	3.21E-09	1.53E-04	3.02E-06	5.20E-01	0.00E+00	1.97E+00	2.76E-08	1.97E+00	2.49E+00	5.20E-01	0.00E+00	0.00E+00	0.00E+00	5.97E-03
47921404	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47921606	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47921909	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
47931909	4.38E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47941606	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
47941909	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
47951909	4.08E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
47958982	8.56E-04	1.56E-01	2.86E-04	1.55E-01	0.00E+00	0.00E+00	2.94E-01	4.10E-07	9.71E-05	1.56E-03	0.00E+00	6.82E-03	1.96E-11	4.67E-10	2.24E-01	4.31E-03	0.00E+00	0.00E+00	2.80E-04	2.63E-02	3.93E+00	0.00E+00	7.54E-10	6.42E-09	3.06E-04	6.03E-06	1.04E+00	0.00E+00	3.93E+00	5.50E-08	3.93E+00	4.97E+00	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02
47958989	4.08E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
48038989	1.84E-02	3.51E+00	7.76E-02	3.43E+00	0.00E+00	0.00E+00	5.26E+00	8.41E-06	2.15E-03	3.45E-02	0.00E+00	9.69E-02	4.34E-10	1.03E-08	4.59E+00	9.31E-02	0.00E+00	0.00E+00	6.22E-03	5.29E-01	8.42E+01	0.00E+00	1.50E-08	1.44E-07	6.82E-03	1.25E-04	1.97E+01	0.00E+00	8.42E+01	1.14E-06	8.42E+01	1.04E+02	1.97E+01	0.00E+00	0.00E+00	0.00E+00	2.66E-01
53420212	1.34E-03	2.56E-01	1.74E-04	2.56E-01	0.00E+00	0.00E+00	4.81E-01	1.74E-07	1.60E-04	2.58E-03	0.00E+00	1.08E-02	3.23E-11	7.71E-10	3.65E-01	2.56E-03	0.00E+00	0.00E+00	1.15E-03	4.32E-02	6.50E+00	0.00E+00	1.23E-09	1.06E-08	5.05E-04	6.40E-06	9.42E-01	0.00E+00	6.50E+00	5.94E-08	6.50E+00	8.18E+00	9.42E-01	0.00E+00	0.00E+00	0.00E+00	4.95E-02
53420216	1.40E-03	2.55E-01	4.70E-04	2.55E-01	0.00E+00	0.00E+00	4.82E-01	6.72E-07	1.59E-04	2.56E-03	0.00E+00	1.12E-02	3.21E-11	7.67E-10	3.67E-01	7.06E-03	0.00E+00	0.00E+00	4.59E-04	4.31E-02	6.44E+00	0.00E+00	1.24E-09	1.05E-08	5.01E-04	9.89E-06	1.70E+00	0.00E+00	6.44E+00	9.03E-08	6.44E+00	8.15E+00	1.70E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-02
53420219	1.31E-03	2.55E-01	4.70E-04	2.55E-01	0.00E+00	0.00E+00	4.82E-01	6.72E-07	1.59E-04	2.56E-03	0.00E+00	1.12E-02	3.21E-11	7.67E-10	3.67E-01	7.06E-03	0.00E+00	0.00E+00	4.59E-04	4.31E-02	6.44E+00	0.00E+00	1.24E-09	1.05E-08	5.01E-04	9.89E-06	1.70E+00	0.00E+00	6.44E+00	9.03E-08	6.44E+00	8.15E+00	1.70E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-02
53420409	5.56E-04	1.07E-01	2.24E-03	1.06E-01	0.00E+00	0.00E+00	1.77E-01	2.66E-07	6.61E-05	1.06E-03	0.00E+00	3.63E-03	1.33E-11	3.17E-10	1.45E-01	2.89E-03	0.00E+00	0.00E+00	1.91E-04	1.69E-02	2.62E+00	0.00E+00	4.82E-10	4.40E-09	2.09E-04	3.94E-06	6.46E-01	0.00E+00	2.62E+00	3.59E-08	2.62E+00	3.27E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-03
61419308	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
6147431909	4.81E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
6147438982	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
6147438989	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.77E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
61600049	5.56E-04	1.07E-01	2.24E-03	1.06E-01	0.00E+00	0.00E+00	1.77E-01	2.66E-07	6.61E-05	1.06E-03	0.00E+00	3.63E-03	1.33E-11	3.17E-10	1.45E-01	2.89E-03	0.00E+00	0.00E+00	1.91E-04	1.69E-02	2.62E+00	0.00E+00	4.82E-10	4.40E-09	2.09E-04	3.94E-06	6.46E-01	0.00E+00	2.62E+00	3.59E-08	2.62E+00	3.27E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-03
61604049	5.56E-04	1.07E-01	2.24E-03	1.06E-01	0.00E+00	0.00E+00	1.77E-01	2.66E-07	6.61E-05	1.06E-03	0.00E+00	3.63E-03	1.33E-11	3.17E-10	1.45E-01	2.89E-03	0.00E+00	0.00E+00	1.91E-04	1.69E-02	2.62E+00	0.00E+00	4.82E-10	4.40E-09	2.09E-04	3.94E-06	6.46E-01	0.00E+00	2.62E+00	3.59E-08	2.62E+00	3.27E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-03
6161032045	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
6161032089	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
6161036084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6161036086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6161036089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6167031909	5.06E-04	9.20E-02	1.69E-04	9.18E-02	0.00E+00	0.00E+00	1.74E-01	2.42E-07	5.74E-05	9.22E-04	0.00E+00	4.03E-03	1.16E-11	2.76E-10	1.32E-01	2.55E-03	0.00E+00	0.00E+00	1.66E-04	1.55E-02	2.32E+00	0.00E+00	4.46E-10	3.79E-09	1.81E-04	3.56E-06	6.15E-01	0.00E+00	2.32E+00	3.25E-08	2.32E+00	2.94E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	7.05E-03
6167032045	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
6167032089	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
6167036084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6167036086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6167036089	5.06E-04	9.20E-02	1.69E-04	9.18E-02	0.00E+00	0.00E+00	1.74E-01	2.42E-07	5.74E-05	9.22E-04	0.00E+00	4.03E-03	1.16E-11	2.76E-10	1.32E-01	2.55E-03	0.00E+00	0.00E+00	1.66E-04	1.55E-02	2.32E+00	0.00E+00	4.46E-10	3.79E-09	1.81E-04	3.56E-06	6.15E-01	0.00E+00	2.32E+00	3.25E-08	2.32E+00	2.94E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	7.05E-03
6167038982	5.06E-04	9.20E-02	1.69E-04	9.18E-02	0.00E+00	0.00E+00	1.74E-01	2.42E-07	5.74E-05	9.22E-04	0.00E+00	4.03E-03	1.16E-11	2.76E-10	1.32E-01	2.55E-03	0.00E+00	0.00E+00	1.66E-04	1.55E-02	2.32E+00	0.00E+00	4.46E-10	3.79E-09	1.81E-04	3.56E-06	6.15E-01	0.00E+00	2.32E+00	3.25E-08	2.32E+00	2.94E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	7.05E-03
6167038989	4.71E-04	9.20E-02	1.69E-04	9.18E-02	0.00E+00	0.00E+00	1.74E-01	2.42E-07	5.74E-05	9.22E-04	0.00E+00	4.03E-03	1.16E-11	2.76E-10	1.32E-01	2.55E-03	0.00E+00	0.00E+00	1.66E-04	1.55E-02	2.32E+00	0.00E+00	4.46E-10	3.79E-09	1.81E-04	3.56E-06	6.15E-01	0.00E+00	2.32E+00	3.25E-08	2.32E+00	2.94E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	7.05E-03
6167157003	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6167157006	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6167157009	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6167331404	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6167331606	4.71E-04	9.20E-02	1.69E-04	9.18E-02	0.00E+00	0.00E+00	1.74E-01	2.42E-07	5.74E-05	9.22E-04	0.00E+00	4.03E-03	1.16E-11	2.76E-10	1.32E-01	2.55E-03	0.00E+00	0.00E+00	1.66E-04	1.55E-02	2.32E+00	0.00E+00	4.46E-10	3.79E-09	1.81E-04	3.56E-06	6.15E-01	0.00E+00	2.32E+00	3.25E-08	2.32E+00	2.94E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	7.05E-03
6167331909	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6167336086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6167336089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6647438982	1.58E-03	3.03E-01	2.05E-04	3.02E-01	0.00E+00	0.00E+00	5.68E-01	2.05E-07	1.89E-04	3.04E-03	0.00E+00	1.28E-02	3.82E-11	9.11E-10	4.30E-01	3.02E-03	0.00E+00	0.00E+00	1.36E-03	5.10E-02	7.67E+00	0.00E+00	1.45E-09	1.25E-08	5.96E-04	7.56E-06	1.11E+00	0.00E+00	7.67E+00	7.01E-08	7.67E+00	9.66E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-02
6647438989	5.58E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.06E-01	2.87E-07	6.80E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.57E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.28E-10	4.49E-09	2.14E-04	4.22E-06	7.28E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.48E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-03
6647761404	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6647761606	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6647761909	5.66E-03	1.08E+00	7.34E-04	1.08E+00	0.00E+00	0.00E+00	2.03E+00	7.33E-07	6.77E-04	1.09E-02	0.00E+00	4.56E-02	1.36E-10	3.26E-09	1.54E+00	1.08E-02	0.00E+00	0.00E+00	4.87E-03	1.82E-01	2.74E+01	0.00E+00	5.20E-09	4.48E-08	2.13E-03	2.70E-05	3.98E+00	0.00E+00	2.74E+01	2.51E-07	2.74E+01	3.45E+01	3.98E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-01
6647768989	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6647771606	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6647771909	1.30E-04	2.49E-02	1.69E-05	2.49E-02	0.00E+00	0.00E+00	4.68E-02	1.69E-08	1.56E-05	2.50E-04	0.00E+00	1.05E-03	3.14E-12	7.50E-11	3.54E-02	2.49E-04	0.00E+00	0.00E+00	1.12E-04	4.20E-03	6.31E-01	0.00E+00	1.20E-10	1.03E-09	4.91E-05	6.23E-07	9.16E-02	0.00E+00	6.31E-01	5.77E-09	6.31E-01	7.95E-01	9.16E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-03
6647778989	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6647781909	5.66E-03	1.08E+00	7.34E-04	1.08E+00	0.00E+00	0.00E+00	2.03E+00	7.33E-07	6.77E-04	1.09E-02	0.00E+00	4.56E-02	1.36E-10	3.26E-09	1.54E+00	1.08E-02	0.00E+00	0.00E+00	4.87E-03	1.82E-01	2.74E+01	0.00E+00	5.20E-09	4.48E-08	2.13E-03	2.70E-05	3.98E+00	0.00E+00	2.74E+01	2.51E-07	2.74E+01	3.45E+01	3.98E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-01
6647788989	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
67412809	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
67419405	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
67419409	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
6745643501	2.98E-04	5.74E-02	1.20E-03	5.65E-02	0.00E+00	0.00E+00	9.47E-02	1.43E-07	3.54E-05	5.68E-04	0.00E+00	1.95E-03	7.14E-12	1.70E-10	7.79E-02	1.55E-03	0.00E+00	0.00E+00	1.02E-04	9.05E-03	1.40E+00	0.00E+00	2.58E-10	2.36E-09	1.12E-04	2.11E-06	3.46E-01	0.00E+00	1.40E+00	1.93E-08	1.40E+00	1.75E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-03
6745643503	2.98E-04	5.74E-02	1.20E-03	5.65E-02	0.00E+00	0.00E+00	9.47E-02	1.43E-07	3.54E-05	5.68E-04	0.00E+00	1.95E-03	7.14E-12	1.70E-10	7.79E-02	1.55E-03	0.00E+00	0.00E+00	1.02E-04	9.05E-03	1.40E+00	0.00E+00	2.58E-10	2.36E-09	1.12E-04	2.11E-06	3.46E-01	0.00E+00	1.40E+00	1.93E-08	1.40E+00	1.75E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-03
6745643504	2.98E-04	5.74E-02	1.20E-03	5.65E-02	0.00E+00	0.00E+00	9.47E-02	1.43E-07	3.54E-05	5.68E-04	0.00E+00	1.95E-03	7.14E-12	1.70E-10	7.79E-02	1.55E-03	0.00E+00	0.00E+00	1.02E-04	9.05E-03	1.40E+00	0.00E+00	2.58E-10	2.36E-09	1.12E-04	2.11E-06	3.46E-01	0.00E+00	1.40E+00	1.93E-08	1.40E+00	1.75E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-03
6745643507	2.98E-04	5.74E-02	1.20E-03	5.65E-02	0.00E+00	0.00E+00	9.47E-02	1.43E-07	3.54E-05	5.68E-04	0.00E+00	1.95E-03	7.14E-12	1.70E-10	7.79E-02	1.55E-03	0.00E+00	0.00E+00	1.02E-04	9.05E-03	1.40E+00	0.00E+00	2.58E-10	2.36E-09	1.12E-04	2.11E-06	3.46E-01	0.00E+00	1.40E+00	1.93E-08	1.40E+00	1.75E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-03
6745643513	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02

6765088962	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
6765091909	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6765091913	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6765091914	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6765092022	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
6765092045	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
6765092089	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
6765096013	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6765096086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6765096089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6765097015	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6765098913	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
6765098914	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
6765098915	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
6765098989	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
6765101404	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6765101606	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6765101909	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6765102045	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
6765102089	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
6765106084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6765106086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6765106089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6765107003	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6765107006	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6765107009	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6765108982	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
6765108989	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
6765111606	2.05E-04	3.92E-02	2.65E-05	3.91E-02	0.00E+00	0.00E+00	7.35E-02	2.65E-08	2.45E-05	3.94E-04	0.00E+00	1.65E-03	4.94E-12	1.18E-10	5.57E-02	3.91E-04	0.00E+00	0.00E+00	1.76E-04	6.60E-03	9.92E-01	0.00E+00	1.88E-10	1.62E-09	7.72E-05	9.78E-07	1.44E-01	0.00E+00	9.92E-01	9.07E-09	9.92E-01	1.25E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-03
6765116084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6765116086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6765116089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6765117006	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6765118989	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6765757003	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6765757004	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6765757006	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6765757009	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6765760062	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6765760063	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6765761404	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6765761606	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6765761909	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6765762045	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
6765762089	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
6765766084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6765766086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6765766089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6765768962	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
6765768963	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
6765768982	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
6765768989	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
6765771404	4.84E-04	9.26E-02	6.28E-05	9.23E-02	0.00E+00	0.00E+00	1.74E-01	6.27E-08	5.79E-05	9.30E-04	0.00E+00	3.90E-03	1.17E-11	2.79E-10	1.32E-01	9.24E-04	0.00E+00	0.00E+00	4.17E-04	1.56E-02	2.35E+00	0.00E+00	4.45E-10	3.83E-09	1.82E-04	2.31E-06	3.40E-01	0.00E+00	2.35E+00	2.14E-08	2.35E+00	2.95E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
6765771606	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6765771909	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6765777103	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6765777104	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6765777106	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6765777109	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6765778982	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
6765778989	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
676579	5.16E-04	9.94E-02	2.08E-03	9.80E-02	0.00E+00	0.00E+00	1.64E-01	2.47E-07	6.13E-05	9.84E-04	0.00E+00	3.37E-03	1.24E-11	2.94E-10	1.35E-01	2.68E-03	0.00E+00	0.00E+00	1.77E-04	1.57E-02	2.43E+00	0.00E+00	4.48E-10	4.08E-09	1.94E-04	3.66E-06	5.99E-01	0.00E+00	2.43E+00	3.34E-08	2.43E+00	3.03E+00	5.99E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-03
67657901	5.16E-04	9.94E-02	2.08E-03	9.80E-02	0.00E+00	0.00E+00	1.64E-01	2.47E-07	6.13E-05	9.84E-04	0.00E+00	3.37E-03	1.24E-11	2.94E-10	1.35E-01	2.68E-03	0.00E+00	0.00E+00	1.77E-04	1.57E-02	2.43E+00	0.00E+00	4.48E-10	4.08E-09	1.94E-04	3.66E-06	5.99E-01	0.00E+00	2.43E+00	3.34E-08	2.43E+00	3.03E+00	5.99E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-03
6765792045	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
6765792089	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
6765832045	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
6765832089	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
6765836086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6765836089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6768111606	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6768116084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6768116089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6768117006	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6768118982	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6768118989	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6768757003	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6768757004	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6768757006	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6768757009	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6768760062	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6768760063	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6768761404	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6768761606	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6768761909	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6768762045	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02

6768762089	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
6768766012	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6768766086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6768766089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6768768962	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
6768768982	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
6768768989	5.57E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.05E-01	2.86E-07	6.79E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.56E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.27E-10	4.48E-09	2.14E-04	4.21E-06	7.26E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.47E+00	7.26E-01	0.00E+00	0.00E+00	0.00E+00	8.33E-03
6768771404	4.84E-04	9.26E-02	6.28E-05	9.23E-02	0.00E+00	0.00E+00	1.74E-01	6.27E-08	5.79E-05	9.30E-04	0.00E+00	3.90E-03	1.17E-11	2.79E-10	1.32E-01	9.24E-04	0.00E+00	0.00E+00	4.17E-04	1.56E-02	2.35E+00	0.00E+00	4.45E-10	3.83E-09	1.82E-04	2.31E-06	3.40E-01	0.00E+00	2.35E+00	2.14E-08	2.35E+00	2.95E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
6768771606	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6768771909	1.41E-02	2.70E+00	1.83E-03	2.69E+00	0.00E+00	0.00E+00	5.06E+00	1.83E-06	1.69E-03	2.71E-02	0.00E+00	1.14E-01	3.40E-10	8.11E-09	3.83E+00	2.69E-02	0.00E+00	0.00E+00	1.21E-02	4.54E-01	6.83E+01	0.00E+00	1.29E-08	1.12E-07	5.31E-03	6.73E-05	9.91E+00	0.00E+00	6.83E+01	6.24E-07	6.83E+01	8.60E+01	9.91E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01
6768772089	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
6768776084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6768776086	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6768776089	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
6768777103	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6768777104	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6768777106	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6768777109	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
6768778982	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
6768778989	8.56E-04	1.64E-01	1.11E-04	1.63E-01	0.00E+00	0.00E+00	3.07E-01	1.11E-07	1.02E-04	1.65E-03	0.00E+00	6.91E-03	2.07E-11	4.93E-10	2.33E-01	1.64E-03	0.00E+00	0.00E+00	7.37E-04	2.76E-02	4.15E+00	0.00E+00	7.87E-10	6.78E-09	3.23E-04	4.09E-06	6.02E-01	0.00E+00	4.15E+00	3.79E-08	4.15E+00	5.23E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
676879	5.57E-04	1.09E-01	2.00E-04	1.09E-01	0.00E+00	0.00E+00	2.05E-01	2.86E-07	6.79E-05	1.09E-03	0.00E+00	4.77E-03	1.37E-11	3.27E-10	1.56E-01	3.01E-03	0.00E+00	0.00E+00	1.96E-04	1.84E-02	2.75E+00	0.00E+00	5.27E-10	4.48E-09	2.14E-04	4.21E-06	7.26E-01	0.00E+00	2.75E+00	3.85E-08	2.75E+00	3.47E+00	7.26E-01	0.00E+00	0.00E+00	0.00E+00	8.33E-03
67687901	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
6768792045	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
6768792089	5.76E-04	1.11E-01	2.32E-03	1.09E-01	0.00E+00	0.00E+00	1.83E-01	2.76E-07	6.84E-05	1.10E-03	0.00E+00	3.76E-03	1.38E-11	3.28E-10	1.51E-01	2.99E-03	0.00E+00	0.00E+00	1.98E-04	1.75E-02	2.71E+00	0.00E+00	4.99E-10	4.56E-09	2.16E-04	4.08E-06	6.69E-01	0.00E+00	2.71E+00	3.72E-08	2.71E+00	3.38E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
6768803512	2.98E-04	5.74E-02	1.20E-03	5.65E-02	0.00E+00	0.00E+00	9.47E-02	1.43E-07	3.54E-05	5.68E-04	0.00E+00	1.95E-03	7.14E-12	1.70E-10	7.79E-02	1.55E-03	0.00E+00	0.00E+00	1.02E-04	9.05E-03	1.40E+00	0.00E+00	2.58E-10	2.36E-09	1.12E-04	2.11E-06	3.46E-01	0.00E+00	1.40E+00	1.93E-08	1.40E+00	1.75E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-03
6768803515	2.75E-04	5.36E-02	9.86E-05	5.35E-02	0.00E+00	0.00E+00	1.01E-01	1.41E-07	3.34E-05	5.37E-04	0.00E+00	2.35E-03	6.74E-12	1.61E-10	7.70E-02	1.48E-03	0.00E+00	0.00E+00	9.64E-05	9.05E-03	1.35E+00	0.00E+00	2.60E-10	2.21E-09	1.05E-04	2.08E-06	3.58E-01	0.00E+00	1.35E+00	1.90E-08	1.35E+00	1.71E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	4.10E-03
6768803522	2.98E-04	5.74E-02	1.20E-03	5.65E-02	0.00E+00	0.00E+00	9.47E-02	1.43E-07	3.54E-05	5.68E-04	0.00E+00	1.95E-03	7.14E-12	1.70E-10	7.79E-02	1.55E-03	0.00E+00	0.00E+00	1.02E-04	9.05E-03	1.40E+00	0.00E+00	2.58E-10	2.36E-09	1.12E-04	2.11E-06	3.46E-01	0.00E+00	1.40E+00	1.93E-08	1.40E+00	1.75E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-03
6768803525	2.98E-04	5.74E-02	1.20E-03	5.65E-02	0.00E+00	0.00E+00	9.47E-02	1.43E-07	3.54E-05	5.68E-04	0.00E+00	1.95E-03	7.14E-12	1.70E-10	7.79E-02	1.55E-03	0.00E+00	0.00E+00	1.02E-04	9.05E-03	1.40E+00	0.00E+00	2.58E-10	2.36E-09	1.12E-04	2.11E-06	3.46E-01	0.00E+00	1.40E+00	1.93E-08	1.40E+00	1.75E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-03
6768813512	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
6768813515	2.75E-04	5.36E-02	9.86E-05	5.35E-02	0.00E+00	0.00E+00	1.01E-01	1.41E-07	3.34E-05	5.37E-04	0.00E+00	2.35E-03	6.74E-12	1.61E-10	7.70E-02	1.48E-03	0.00E+00	0.00E+00	9.64E-05	9.05E-03	1.35E+00	0.00E+00	2.60E-10	2.21E-09	1.05E-04	2.08E-06	3.58E-01	0.00E+00	1.35E+00	1.90E-08	1.35E+00	1.71E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	4.10E-03
6768813522	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
6768813525	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
6768823512	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
6768823515	5.47E-04	1.07E-01	1.97E-04	1.07E-01	0.00E+00	0.00E+00	2.02E-01	2.81E-07	6.67E-05	1.07E-03	0.00E+00	4.68E-03	1.34E-11	3.21E-10	1.54E-01	2.96E-03	0.00E+00	0.00E+00	1.92E-04	1.80E-02	2.70E+00	0.00E+00	5.18E-10	4.40E-09	2.10E-04	4.14E-06	7.13E-01	0.00E+00	2.70E+00	3.78E-08	2.70E+00	3.41E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-03
6768823522	5.96E-04	1.15E-01	2.40E-03	1.13E-01	0.00E+00	0.00E+00	1.89E-01	2.85E-07	7.08E-05	1.14E-03	0.00E+00	3.89E-03	1.43E-11	3.39E-10	1.56E-01	3.09E-03	0.00E+00	0.00E+00	2.04E-04	1.81E-02	2.81E+00	0.00E+00	5.16E-10	4.71E-09	2.24E-04	4.22E-06	6.92E-01	0.00E+00	2.81E+00	3.85E-08	2.81E+00	3.50E+00	6.92E-01	0.00E+00	0.00E+00	0.00E+00	8.73E-03
6768823525	5.47E-04	1.07E-01	1.97E-04	1.07E-01	0.00E+00	0.00E+00	2.02E-01	2.81E-07	6.67E-05	1.07E-03	0.00E+00	4.68E-03	1.34E-11	3.21E-10	1.54E-01	2.96E-03	0.00E+00	0.00E+00	1.92E-04	1.80E-02	2.70E+00	0.00E+00	5.18E-10	4.40E-09	2.10E-04	4.14E-06	7.13E-01	0.00E+00	2.70E+00	3.78E-08	2.70E+00	3.41E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-03
6768833512	8.38E-04	1.60E-01	1.09E-04	1.60E-01	0.00E+00	0.00E+00	3.01E-01	1.09E-07	1.00E-04	1.61E-03	0.00E+00	6.76E-03	2.02E-11	4.82E-10	2.28E-01	1.60E-03	0.00E+00	0.00E+00	7.21E-04	2.70E-02	4.06E+00	0.00E+00	7.70E-10	6.63E-09	3.16E-04	4.00E-06	5.89E-01	0.00E+00	4.06E+00	3.71E-08	4.06E+00	5.11E+00	5.89E-01	0.00E+00	0.00E+00	0.00E+00	3.09E-02
6768833515	8.38E-04	1.60E-01	1.09E-04	1.60E-01	0.00E+00	0.00E+00	3.01E-01	1.09E-07	1.00E-04	1.61E-03	0.00E+00	6.76E-03	2.02E-11	4.82E-10	2.28E-01	1.60E-03	0.00E+00	0.00E+00	7.21E-04	2.70E-02	4.06E+00	0.00E+00	7.70E-10	6.63E-09	3.16E-04	4.00E-06	5.89E-01	0.00E+00	4.06E+00	3.71E-08	4.06E+00	5.11E+00	5.89E-01	0.00E+00	0.00E+00	0.00E+00	3.09E-02
714134	3.41E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
7341231404	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
7341231606	3.66E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
7341231909	3.66E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
7341231914	3.66E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
7341232045	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
7341232089	6.16E-04	1.12E-01	2.06E-04	1.12E-01	0.00E+00	0.00E+00	2.12E-01	2.95E-07	6.99E-05	1.12E-03	0.00E+00	4.91E-03	1.41E-11	3.37E-10	1.61E-01	3.10E-03	0.00E+00	0.00E+00	2.02E-04	1.89E-02	2.83E+00	0.00E+00	5.43E-10	4.62E-09	2.20E-04	4.34E-06	7.49E-01	0.00E+00	2.83E+00	3.96E-08	2.83E+00	3.58E+00	7.49E-01	0.00E+00	0.00E+00	0.00E+00	8.59E-03
7341236014	4.67E-04	9.12E-02	1.68E-04	9.10E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.69E-05	9.14E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.52E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.53E-06	6.09E-01	0.00E+00	2.30E+00	3.22E-08	2.30E+00	2.91E+00	6.09E-01	0.00E+00	0.00E+00	0.00E+00	6.98E-03
7341236084	6.14E-04	1.18E-01	7.96E-05	1.17E-01	0.00E+00	0.00E+00	2.20E-01	7.96E-08	7.35E-05	1.18E-03	0.00E+00	4.96E-03	1.48E-11	3.54E-10	1.67E-01	1.17E-03	0.00E+00	0.00E+00	5.29E-04	1.98E-02	2.98E+00	0.00E+00	5.64E-10	4.86E-09	2.32E-04	2.94E-06	4.32E-01	0.00E+00	2.98E+00	2.72E-08	2.98E+00	3.75E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
7341236086	3.41E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
7341236089	3.41E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
7341238982	3.35E-04	6.41E-02	4.34E-05	6.39E-02	0.00E+00	0.00E+00	1.20E-01	4.34E-08	4.01E-05	6.44E-04	0.00E+00	2.70E-03	8.08E-12	1.93E-10	9.11E-02	6.40E-04	0.00E+00	0.00E+00	2.88E-04	1.08E-02	1.62E+00	0.00E+00	3.08E-10	2.65E-09	1.26E-04	1.60E-06	2.36E-01	0.00E+00	1.62E+00	1.48E-08	1.62E+00	2.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
7341238989	3.41E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
7341251404	4.84E-04	9.26E-02	6.28E-05	9.23E-02	0.00E+00	0.00E+00	1.74E-01	6.27E-08	5.79E-05	9.30E-04	0.00E+00	3.90E-03	1.17E-11	2.79E-10	1.32E-01	9.24E-04	0.00E+00	0.00E+00	4.17E-04	1.56E-02	2.35E+00	0.00E+00	4.45E-10	3.83E-09	1.82E-04	2.31E-06	3.40E-01	0.00E+00	2.35E+00	2.14E-08	2.35E+00	2.95E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
7341251606	5.01E-04	9.12E-02	1.68E-04	9.10E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.69E-05	9.14E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.52E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.53E-06	6.09E-01	0.00E+00	2.30E+00	3.22E-08	2.30E+00	2.91E+00	6.09E-01	0.00E+00	0.00E+00	0.00E+00	6.98E-03
7341251909	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
7341258982	4.84E-04	9.26E-02	6.28E-05	9.23E-02	0.00E+00	0.00E+00	1.74E-01	6.27E-08	5.79E-05	9.30E-04	0.00E+00	3.90E-03	1.17E-11	2.79E-10	1.32E-01	9.24E-04	0.00E+00	0.00E+00	4.17E-04	1.56E-02	2.35E+00	0.00E+00	4.45E-10	3.83E-09	1.82E-04	2.31E-06	3.40E-01	0.00E+00	2.35E+00	2.14E-08	2.35E+00	2.95E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
7341258989	5.01E-04	9.12E-02	1.68E-04	9.10E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.69E-05	9.14E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.52E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.53E-06	6.09E-01	0.00E+00	2.30E+00	3.22E-08	2.30E+00	2.91E+00	6.09E-01	0.00E+00	0.00E+00	0.00E+00	6.98E-03
7341357003	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
7341357004	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
7341357006	3.41E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
7341357009	3.41E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
7341357014	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
7341393505	1.40E-03	2.67E-01	1.81E-04	2.66E-01	0.00E+00	0.00E+00	5.01E-01	1.81E-07	1.67E-04	2.68E-03	0.00E+00	1.13E-02	3.37E-11	8.04E-10	3.80E-01	2.67E-03	0.00E+00	0.00E+00	1.20E-03	4.50E-02	6.77E+00	0.00E+00	1.28E-09	1.11E-08	5.26E-04	6.67E-06	9.81E-01	0.00E+00	6.77E+00	6.19E-08	6.77E+00	8.52E+00	9.81E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-02
7341403533	1.49E-03	2.87E-01	6.01E-03	2.83E-01	0.00E+00	0.00E+00	4.73E-01	7.13E-07	1.77E-04	2.84E-03	0.00E+00	9.73E-03	3.57E-11	8.48E-10	3.90E-01	7.73E-03	0.00E+00	0.00E+00	5.11E-04	4.52E-02	7.02E+00	0.00E+00	1.29E-09	1.18E-08	5.59E-04	1.05E-05	1.73E+00	0.00E+00	7.02E+00	9.63E-08	7.02E+00	8.75E+00	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
7341413515	1.40E-03	2.67E-01	1.81E-04	2.66E-01	0.00E+00	0.00E+00	5.01E-01	1.81E-07	1.67E-04	2.68E-03	0.00E+00	1.13E-02	3.37E-11	8.04E-10	3.80E-01	2.67E-03	0.00E+00	0.00E+00	1.20E-03	4.50E-02	6.77E+00	0.00E+00	1.28E-09	1.11E-08	5.26E-04	6.67E-06	9.81E-01	0.00E+00	6.77E+00	6.19E-08	6.77E+00	8.52E+00	9.81E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-02
7341441909	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
7341442045	4.96E-04	9.56E-02	2.00E-03	9.42E-02	0.00E+00	0.00E+00	1.58E-01	2.38E-07	5.90E-05	9.46E-04	0.00E+00	3.24E-03	1.19E-11	2.83E-10	1.30E-01	2.58E-03	0.00E+00	0.00E+00	1.70E-04	1.51E-02	2.34E+00	0.00E+00	4.30E-10	3.93E-09	1.86E-04	3.52E-06	5.76E-01	0.00E+00	2.34E+00	3.21E-08	2.34E+00	2.92E+00	5.76E-01	0.00E+00	0.00E+00	0.00E+00	7.28E-03
7341448989	4.84E-04	9.26E-02	6.28E-05	9.23E-02	0.00E+00	0.00E+00	1.74E-01	6.27E-08	5.79E-05	9.30E-04	0.00E+00	3.90E-03	1.17E-11	2.79E-10	1.32E-01	9.24E-04	0.00E+00	0.00E+00	4.17E-04	1.56E-02	2.35E+00	0.00E+00	4.45E-10	3.83E-09	1.82E-04	2.31E-06	3.40E-01	0.00E+00	2.35E+00	2.14E-08	2.35E+00	2.95E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
7341512045	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
7341512089	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
7341516084	1.08E-03	2.07E-01	1.40E-04	2.06E-01	0.00E+00	0.00E+00	3.88E-01	1.40E-07	1.29E-04	2.08E-03	0.00E+00	8.71E-03	2.60E-11	6.21E-10	2.94E-01	2.06E-03	0.00E+00	0.00E+00	9.29E-04	3.48E-02	5.23E+00	0.00E+00	9.92E-10	8.55E-09	4.07E-04	5.16E-06	7.59E-01	0.00E+00	5.23E+00	4.78E-08	5.23E+00	6.59E+00	7.59E-01	0.00E+00	0.00E+00	0.00E+00	3.99E-02
7341516086	5.01E-04	9.12E-02	1.68E-04	9.10E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.69E-05	9.14E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.52E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.53E-06	6.09E-01	0.00E+00	2.30E+00	3.22E-08	2.30E+00	2.91E+00	6.09E-01	0.00E+00	0.00E+00	0.00E+00	6.98E-03
7341516089	1.08E-03	2.07E-01	1.40E-04	2.06E-01	0.00E+00	0.00E+00	3.88E-01	1.40E-07	1.29E-04	2.08E-03	0.00E+00	8.71E-03	2.60E-11	6.21E-10	2.94E-01	2.06E-03	0.00E+00	0.00E+00	9.29E-04	3.48E-02	5.23E+00	0.00E+00	9.92E-10	8.55E-09	4.07E-04	5.16E-06	7.59E-01	0.00E+00	5.23E+00	4.78E-08	5.23E+00	6.59E+00	7.59E-01	0.00E+00	0.00E+00	0.00E+00	3.99E-02
7341517203	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
7341517204	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
7341517206	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
7341517209	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
73415520	3.41E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
7341552045	4.67E-04	9.12E-02	1.68E-04	9.10E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.69E-05	9.14E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.52E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.76E-09	1.79E-04	3.53E-06	6.09E-01	0.00E+00	2.30E+00	3.22E-08	2.30E+00	2.91E+00	6.09E-01	0.00E+00	0.00E+00	0.00E+00	6.98E-03
7341552089	5.48E-04	1.05E-01	2.31E-03	1.02E-01	0.00E+00	0.00E+00	1.57E-01	2.51E-07	6.41E-05	1.03E-03	0.00E+00	2.89E-03	1.29E-11	3.07E-10	1.37E-01	2.78E-03	0.00E+00	0.00E+00	1.85E-04	1.58E-02	2.51E+00	0.00E+00	4.48E-10	4.29E-09	2.03E-04	3.72E-06	5.88E-01	0.00E+00	2.51E+00	3.39E-08	2.51E+00	3.10E+00	5.88E-01	0.00E+00	0.00E+00	0.00E+00	7.94E-03
73415521	3.41E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
7341753555	1.40E-03	2.67E-01	1.81E-04	2.66E-01	0.00E+00	0.00E+00	5.01E-01	1.81E-07	1.67E-04	2.68E-03	0.00E+00	1.13E-02	3.37E-11	8.04E-10	3.80E-01	2.67E-03	0.00E+00	0.00E+00	1.20E-03	4.50E-02	6.77E+00	0.00E+00	1.28E-09	1.11E-08	5.26E-04	6.67E-06	9.81E-01	0.00E+00	6.77E+00	6.19E-08	6.77E+00	8.52E+00	9.81E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-02
7429635	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
8412186	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
8413006	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
841402506	1.30E-03	2.49E-01	1.69E-04	2.49E-01	0.00E+00	0.00E+00	4.68E-01	1.69E-07	1.56E-04	2.50E-03	0.00E+00	1.05E-02	3.14E-11	7.50E-10	3.54E-01	2.49E-03	0.00E+00	0.00E+00	1.12E-03	4.20E-02	6.31E+00	0.00E+00	1.20E-09	1.03E-08	4.91E-04	6.23E-06	9.16E-01	0.00E+00	6.31E+00	5.77E-08	6.31E+00	7.95E+00	9.16E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-02

8418505	1.39E-03	2.71E-01	4.98E-04	2.70E-01	0.00E+00	0.00E+00	5.11E-01	7.13E-07	1.69E-04	2.71E-03	0.00E+00	1.19E-02	3.40E-11	8.13E-10	3.89E-01	7.49E-03	0.00E+00	0.00E+00	4.87E-04	4.57E-02	6.83E+00	0.00E+00	1.31E-09	1.12E-08	5.32E-04	1.05E-05	1.81E+00	0.00E+00	6.83E+00	9.58E-08	6.83E+00	8.64E+00	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-02
8418525	1.19E-03	2.28E-01	1.54E-04	2.27E-01	0.00E+00	0.00E+00	4.28E-01	1.54E-07	1.43E-04	2.29E-03	0.00E+00	9.61E-03	2.87E-11	6.86E-10	3.24E-01	2.28E-03	0.00E+00	0.00E+00	1.03E-03	3.84E-02	5.77E+00	0.00E+00	1.09E-09	9.43E-09	4.49E-04	5.69E-06	8.37E-01	0.00E+00	5.77E+00	5.28E-08	5.77E+00	7.27E+00	8.37E-01	0.00E+00	0.00E+00	0.00E+00	4.40E-02
841852501	1.30E-03	2.49E-01	1.69E-04	2.49E-01	0.00E+00	0.00E+00	4.68E-01	1.69E-07	1.56E-04	2.50E-03	0.00E+00	1.05E-02	3.14E-11	7.50E-10	3.54E-01	2.49E-03	0.00E+00	0.00E+00	1.12E-03	4.20E-02	6.31E+00	0.00E+00	1.20E-09	1.03E-08	4.91E-04	6.23E-06	9.16E-01	0.00E+00	6.31E+00	5.77E-08	6.31E+00	7.95E+00	9.16E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-02
841852502	1.39E-03	2.71E-01	4.98E-04	2.70E-01	0.00E+00	0.00E+00	5.11E-01	7.13E-07	1.69E-04	2.71E-03	0.00E+00	1.19E-02	3.40E-11	8.13E-10	3.89E-01	7.49E-03	0.00E+00	0.00E+00	4.87E-04	4.57E-02	6.83E+00	0.00E+00	1.31E-09	1.12E-08	5.32E-04	1.05E-05	1.81E+00	0.00E+00	6.83E+00	9.58E-08	6.83E+00	8.64E+00	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-02
841852505	1.39E-03	2.71E-01	4.98E-04	2.70E-01	0.00E+00	0.00E+00	5.11E-01	7.13E-07	1.69E-04	2.71E-03	0.00E+00	1.19E-02	3.40E-11	8.13E-10	3.89E-01	7.49E-03	0.00E+00	0.00E+00	4.87E-04	4.57E-02	6.83E+00	0.00E+00	1.31E-09	1.12E-08	5.32E-04	1.05E-05	1.81E+00	0.00E+00	6.83E+00	9.58E-08	6.83E+00	8.64E+00	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-02
841852506	1.30E-03	2.49E-01	1.69E-04	2.49E-01	0.00E+00	0.00E+00	4.68E-01	1.69E-07	1.56E-04	2.50E-03	0.00E+00	1.05E-02	3.14E-11	7.50E-10	3.54E-01	2.49E-03	0.00E+00	0.00E+00	1.12E-03	4.20E-02	6.31E+00	0.00E+00	1.20E-09	1.03E-08	4.91E-04	6.23E-06	9.16E-01	0.00E+00	6.31E+00	5.77E-08	6.31E+00	7.95E+00	9.16E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-02
841852521	1.30E-03	2.49E-01	1.69E-04	2.49E-01	0.00E+00	0.00E+00	4.68E-01	1.69E-07	1.56E-04	2.50E-03	0.00E+00	1.05E-02	3.14E-11	7.50E-10	3.54E-01	2.49E-03	0.00E+00	0.00E+00	1.12E-03	4.20E-02	6.31E+00	0.00E+00	1.20E-09	1.03E-08	4.91E-04	6.23E-06	9.16E-01	0.00E+00	6.31E+00	5.77E-08	6.31E+00	7.95E+00	9.16E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-02
841852525	1.19E-03	2.28E-01	1.54E-04	2.27E-01	0.00E+00	0.00E+00	4.28E-01	1.54E-07	1.43E-04	2.29E-03	0.00E+00	9.61E-03	2.87E-11	6.86E-10	3.24E-01	2.28E-03	0.00E+00	0.00E+00	1.03E-03	3.84E-02	5.77E+00	0.00E+00	1.09E-09	9.43E-09	4.49E-04	5.69E-06	8.37E-01	0.00E+00	5.77E+00	5.28E-08	5.77E+00	7.27E+00	8.37E-01	0.00E+00	0.00E+00	0.00E+00	4.40E-02
841852526	5.06E-04	9.87E-02	1.82E-04	9.85E-02	0.00E+00	0.00E+00	1.86E-01	2.60E-07	6.16E-05	9.89E-04	0.00E+00	4.33E-03	1.24E-11	2.96E-10	1.42E-01	2.73E-03	0.00E+00	0.00E+00	1.78E-04	1.67E-02	2.49E+00	0.00E+00	4.78E-10	4.07E-09	1.94E-04	3.82E-06	6.59E-01	0.00E+00	2.49E+00	3.49E-08	2.49E+00	3.15E+00	6.59E-01	0.00E+00	0.00E+00	0.00E+00	7.56E-03
8418855	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
8419505	1.39E-03	2.71E-01	4.98E-04	2.70E-01	0.00E+00	0.00E+00	5.11E-01	7.13E-07	1.69E-04	2.71E-03	0.00E+00	1.19E-02	3.40E-11	8.13E-10	3.89E-01	7.49E-03	0.00E+00	0.00E+00	4.87E-04	4.57E-02	6.83E+00	0.00E+00	1.31E-09	1.12E-08	5.32E-04	1.05E-05	1.81E+00	0.00E+00	6.83E+00	9.58E-08	6.83E+00	8.64E+00	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-02
841952502	1.39E-03	2.71E-01	4.98E-04	2.70E-01	0.00E+00	0.00E+00	5.11E-01	7.13E-07	1.69E-04	2.71E-03	0.00E+00	1.19E-02	3.40E-11	8.13E-10	3.89E-01	7.49E-03	0.00E+00	0.00E+00	4.87E-04	4.57E-02	6.83E+00	0.00E+00	1.31E-09	1.12E-08	5.32E-04	1.05E-05	1.81E+00	0.00E+00	6.83E+00	9.58E-08	6.83E+00	8.64E+00	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-02
841952505	1.39E-03	2.71E-01	4.98E-04	2.70E-01	0.00E+00	0.00E+00	5.11E-01	7.13E-07	1.69E-04	2.71E-03	0.00E+00	1.19E-02	3.40E-11	8.13E-10	3.89E-01	7.49E-03	0.00E+00	0.00E+00	4.87E-04	4.57E-02	6.83E+00	0.00E+00	1.31E-09	1.12E-08	5.32E-04	1.05E-05	1.81E+00	0.00E+00	6.83E+00	9.58E-08	6.83E+00	8.64E+00	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-02
841952506	1.43E-03	2.74E-01	1.86E-04	2.73E-01	0.00E+00	0.00E+00	5.14E-01	1.86E-07	1.72E-04	2.75E-03	0.00E+00	1.16E-02	3.46E-11	8.25E-10	3.90E-01	2.74E-03	0.00E+00	0.00E+00	1.23E-03	4.62E-02	6.95E+00	0.00E+00	1.32E-09	1.14E-08	5.40E-04	6.85E-06	1.01E+00	0.00E+00	6.95E+00	6.35E-08	6.95E+00	8.75E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
8419605	1.19E-03	2.28E-01	1.54E-04	2.27E-01	0.00E+00	0.00E+00	4.28E-01	1.54E-07	1.43E-04	2.29E-03	0.00E+00	9.61E-03	2.87E-11	6.86E-10	3.24E-01	2.28E-03	0.00E+00	0.00E+00	1.03E-03	3.84E-02	5.77E+00	0.00E+00	1.09E-09	9.43E-09	4.49E-04	5.69E-06	8.37E-01	0.00E+00	5.77E+00	5.28E-08	5.77E+00	7.27E+00	8.37E-01	0.00E+00	0.00E+00	0.00E+00	4.40E-02
8419609	1.14E-03	2.17E-01	1.47E-04	2.17E-01	0.00E+00	0.00E+00	4.08E-01	1.47E-07	1.36E-04	2.18E-03	0.00E+00	9.16E-03	2.74E-11	6.54E-10	3.09E-01	2.17E-03	0.00E+00	0.00E+00	9.77E-04	3.66E-02	5.50E+00	0.00E+00	1.04E-09	8.99E-09	4.28E-04	5.43E-06	7.98E-01	0.00E+00	5.50E+00	5.03E-08	5.50E+00	6.93E+00	7.98E-01	0.00E+00	0.00E+00	0.00E+00	4.20E-02
8429615	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
8429634	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
8429636	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
8429646	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
8451705	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
845172501	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
845172505	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
845172509	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
845712501	3.70E-03	7.09E-01	4.80E-04	7.07E-01	0.00E+00	0.00E+00	1.33E+00	4.80E-07	4.43E-04	7.12E-03	0.00E+00	2.99E-02	8.93E-11	2.13E-09	1.01E+00	7.08E-03	0.00E+00	0.00E+00	3.19E-03	1.19E-01	1.80E+01	0.00E+00	3.40E-09	2.93E-08	1.40E-03	1.77E-05	2.60E+00	0.00E+00	1.80E+01	1.64E-07	1.80E+01	2.26E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01
845712503	3.70E-03	7.09E-01	4.80E-04	7.07E-01	0.00E+00	0.00E+00	1.33E+00	4.80E-07	4.43E-04	7.12E-03	0.00E+00	2.99E-02	8.93E-11	2.13E-09	1.01E+00	7.08E-03	0.00E+00	0.00E+00	3.19E-03	1.19E-01	1.80E+01	0.00E+00	3.40E-09	2.93E-08	1.40E-03	1.77E-05	2.60E+00	0.00E+00	1.80E+01	1.64E-07	1.80E+01	2.26E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01
845712505	3.70E-03	7.09E-01	4.80E-04	7.07E-01	0.00E+00	0.00E+00	1.33E+00	4.80E-07	4.43E-04	7.12E-03	0.00E+00	2.99E-02	8.93E-11	2.13E-09	1.01E+00	7.08E-03	0.00E+00	0.00E+00	3.19E-03	1.19E-01	1.80E+01	0.00E+00	3.40E-09	2.93E-08	1.40E-03	1.77E-05	2.60E+00	0.00E+00	1.80E+01	1.64E-07	1.80E+01	2.26E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01
845712507	3.70E-03	7.09E-01	4.80E-04	7.07E-01	0.00E+00	0.00E+00	1.33E+00	4.80E-07	4.43E-04	7.12E-03	0.00E+00	2.99E-02	8.93E-11	2.13E-09	1.01E+00	7.08E-03	0.00E+00	0.00E+00	3.19E-03	1.19E-01	1.80E+01	0.00E+00	3.40E-09	2.93E-08	1.40E-03	1.77E-05	2.60E+00	0.00E+00	1.80E+01	1.64E-07	1.80E+01	2.26E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01
845712509	3.59E-03	7.01E-01	1.29E-03	7.00E-01	0.00E+00	0.00E+00	1.32E+00	1.85E-06	4.38E-04	7.03E-03	0.00E+00	3.07E-02	8.81E-11	2.11E-09	1.01E+00	1.94E-02	0.00E+00	0.00E+00	1.26E-03	1.18E-01	1.77E+01	0.00E+00	3.40E-09	2.89E-08	1.38E-03	2.72E-05	4.68E+00	0.00E+00	1.77E+01	2.48E-07	1.77E+01	2.24E+01	4.68E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02
847312506	1.30E-03	2.49E-01	1.69E-04	2.49E-01	0.00E+00	0.00E+00	4.68E-01	1.69E-07	1.56E-04	2.50E-03	0.00E+00	1.05E-02	3.14E-11	7.50E-10	3.54E-01	2.49E-03	0.00E+00	0.00E+00	1.12E-03	4.20E-02	6.31E+00	0.00E+00	1.20E-09	1.03E-08	4.91E-04	6.23E-06	9.16E-01	0.00E+00	6.31E+00	5.77E-08	6.31E+00	7.95E+00	9.16E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-02
847782502	1.14E-03	2.17E-01	1.47E-04	2.17E-01	0.00E+00	0.00E+00	4.08E-01	1.47E-07	1.36E-04	2.18E-03	0.00E+00	9.16E-03	2.74E-11	6.54E-10	3.09E-01	2.17E-03	0.00E+00	0.00E+00	9.77E-04	3.66E-02	5.50E+00	0.00E+00	1.04E-09	8.99E-09	4.28E-04	5.43E-06	7.98E-01	0.00E+00	5.50E+00	5.03E-08	5.50E+00	6.93E+00	7.98E-01	0.00E+00	0.00E+00	0.00E+00	4.20E-02
847782505	1.19E-03	2.28E-01	1.54E-04	2.27E-01	0.00E+00	0.00E+00	4.28E-01	1.54E-07	1.43E-04	2.29E-03	0.00E+00	9.61E-03	2.87E-11	6.86E-10	3.24E-01	2.28E-03	0.00E+00	0.00E+00	1.03E-03	3.84E-02	5.77E+00	0.00E+00	1.09E-09	9.43E-09	4.49E-04	5.69E-06	8.37E-01	0.00E+00	5.77E+00	5.28E-08	5.77E+00	7.27E+00	8.37E-01	0.00E+00	0.00E+00	0.00E+00	4.40E-02
847782506	1.30E-03	2.49E-01	1.69E-04	2.49E-01	0.00E+00	0.00E+00	4.68E-01	1.69E-07	1.56E-04	2.50E-03	0.00E+00	1.05E-02	3.14E-11	7.50E-10	3.54E-01	2.49E-03	0.00E+00	0.00E+00	1.12E-03	4.20E-02	6.31E+00	0.00E+00	1.20E-09	1.03E-08	4.91E-04	6.23E-06	9.16E-01	0.00E+00	6.31E+00	5.77E-08	6.31E+00	7.95E+00	9.16E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-02
847782512	1.12E-03	2.14E-01	1.45E-04	2.13E-01	0.00E+00	0.00E+00	4.01E-01	1.45E-07	1.34E-04	2.15E-03	0.00E+00	9.01E-03	2.69E-11	6.43E-10	3.04E-01	2.13E-03	0.00E+00	0.00E+00	9.61E-04	3.60E-02	5.41E+00	0.00E+00	1.03E-09	8.84E-09	4.21E-04	5.34E-06	7.85E-01	0.00E+00	5.41E+00	4.95E-08	5.41E+00	6.82E+00	7.85E-01	0.00E+00	0.00E+00	0.00E+00	4.13E-02
847792502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
847792505	1.19E-03	2.28E-01	1.54E-04	2.27E-01	0.00E+00	0.00E+00	4.28E-01	1.54E-07	1.43E-04	2.29E-03	0.00E+00	9.61E-03	2.87E-11	6.86E-10	3.24E-01	2.28E-03	0.00E+00	0.00E+00	1.03E-03	3.84E-02	5.77E+00	0.00E+00	1.09E-09	9.43E-09	4.49E-04	5.69E-06	8.37E-01	0.00E+00	5.77E+00	5.28E-08	5.77E+00	7.27E+00	8.37E-01	0.00E+00	0.00E+00	0.00E+00	4.40E-02
847792506	1.30E-03	2.49E-01	1.69E-04	2.49E-01	0.00E+00	0.00E+00	4.68E-01	1.69E-07	1.56E-04	2.50E-03	0.00E+00	1.05E-02	3.14E-11	7.50E-10	3.54E-01	2.49E-03	0.00E+00	0.00E+00	1.12E-03	4.20E-02	6.31E+00	0.00E+00	1.20E-09	1.03E-08	4.91E-04	6.23E-06	9.16E-01	0.00E+00	6.31E+00	5.77E-08	6.31E+00	7.95E+00	9.16E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-02
847792512	1.12E-03	2.14E-01	1.45E-04	2.13E-01	0.00E+00	0.00E+00	4.01E-01	1.45E-07	1.34E-04	2.15E-03	0.00E+00	9.01E-03	2.69E-11	6.43E-10	3.04E-01	2.13E-03	0.00E+00	0.00E+00	9.61E-04	3.60E-02	5.41E+00	0.00E+00	1.03E-09	8.84E-09	4.21E-04	5.34E-06	7.85E-01	0.00E+00	5.41E+00	4.95E-08	5.41E+00	6.82E+00	7.85E-01	0.00E+00	0.00E+00	0.00E+00	4.13E-02
847882506	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848002502	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
848002503	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848002504	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848002505	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848002506	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848002507	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848002512	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848002514	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848002516	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848002517	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848012502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848012503	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848012506	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848012507	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848012512	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848012513	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848012514	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848012517	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848102502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848102503	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848102504	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848102507	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848112502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848112505	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848112506	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848112512	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848112517	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848202502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848202503	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848202506	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848212502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848212503	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848212504	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848212512	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848212513	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848212514	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848302502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848302503	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848312512	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848312514	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848502506	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848512506	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848512512	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848512513	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848512514	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848602502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02

848602503	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848602504	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848602507	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848602512	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848612517	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848702502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848702503	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848702504	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848712502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848712503	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848712504	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848712505	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848712512	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848712513	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848712514	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
848812502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
8618505	1.43E-03	2.74E-01	1.86E-04	2.73E-01	0.00E+00	0.00E+00	5.14E-01	1.86E-07	1.72E-04	2.75E-03	0.00E+00	1.16E-02	3.46E-11	8.25E-10	3.90E-01	2.74E-03	0.00E+00	0.00E+00	1.23E-03	4.62E-02	6.95E+00	0.00E+00	1.32E-09	1.14E-08	5.40E-04	6.85E-06	1.01E+00	0.00E+00	6.95E+00	6.35E-08	6.95E+00	8.75E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
861852501	1.43E-03	2.74E-01	1.86E-04	2.73E-01	0.00E+00	0.00E+00	5.14E-01	1.86E-07	1.72E-04	2.75E-03	0.00E+00	1.16E-02	3.46E-11	8.25E-10	3.90E-01	2.74E-03	0.00E+00	0.00E+00	1.23E-03	4.62E-02	6.95E+00	0.00E+00	1.32E-09	1.14E-08	5.40E-04	6.85E-06	1.01E+00	0.00E+00	6.95E+00	6.35E-08	6.95E+00	8.75E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
861852502	1.43E-03	2.74E-01	1.86E-04	2.73E-01	0.00E+00	0.00E+00	5.14E-01	1.86E-07	1.72E-04	2.75E-03	0.00E+00	1.16E-02	3.46E-11	8.25E-10	3.90E-01	2.74E-03	0.00E+00	0.00E+00	1.23E-03	4.62E-02	6.95E+00	0.00E+00	1.32E-09	1.14E-08	5.40E-04	6.85E-06	1.01E+00	0.00E+00	6.95E+00	6.35E-08	6.95E+00	8.75E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
861852505	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
8619505	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
861952502	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
861952505	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
861952506	1.43E-03	2.74E-01	1.86E-04	2.73E-01	0.00E+00	0.00E+00	5.14E-01	1.86E-07	1.72E-04	2.75E-03	0.00E+00	1.16E-02	3.46E-11	8.25E-10	3.90E-01	2.74E-03	0.00E+00	0.00E+00	1.23E-03	4.62E-02	6.95E+00	0.00E+00	1.32E-09	1.14E-08	5.40E-04	6.85E-06	1.01E+00	0.00E+00	6.95E+00	6.35E-08	6.95E+00	8.75E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
8624900	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
8624905	3.72E-04	7.12E-02	4.83E-05	7.10E-02	0.00E+00	0.00E+00	1.34E-01	4.82E-08	4.46E-05	7.16E-04	0.00E+00	3.00E-03	8.98E-12	2.14E-10	1.01E-01	7.11E-04	0.00E+00	0.00E+00	3.20E-04	1.20E-02	1.80E+00	0.00E+00	3.42E-10	2.95E-09	1.40E-04	1.78E-06	2.62E-01	0.00E+00	1.80E+00	1.65E-08	1.80E+00	2.27E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
862492502	3.72E-04	7.12E-02	4.83E-05	7.10E-02	0.00E+00	0.00E+00	1.34E-01	4.82E-08	4.46E-05	7.16E-04	0.00E+00	3.00E-03	8.98E-12	2.14E-10	1.01E-01	7.11E-04	0.00E+00	0.00E+00	3.20E-04	1.20E-02	1.80E+00	0.00E+00	3.42E-10	2.95E-09	1.40E-04	1.78E-06	2.62E-01	0.00E+00	1.80E+00	1.65E-08	1.80E+00	2.27E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
862492505	3.72E-04	7.12E-02	4.83E-05	7.10E-02	0.00E+00	0.00E+00	1.34E-01	4.82E-08	4.46E-05	7.16E-04	0.00E+00	3.00E-03	8.98E-12	2.14E-10	1.01E-01	7.11E-04	0.00E+00	0.00E+00	3.20E-04	1.20E-02	1.80E+00	0.00E+00	3.42E-10	2.95E-09	1.40E-04	1.78E-06	2.62E-01	0.00E+00	1.80E+00	1.65E-08	1.80E+00	2.27E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
862572502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
862572505	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
8625900	4.84E-04	9.26E-02	6.28E-05	9.23E-02	0.00E+00	0.00E+00	1.74E-01	6.27E-08	5.79E-05	9.30E-04	0.00E+00	3.90E-03	1.17E-11	2.79E-10	1.32E-01	9.24E-04	0.00E+00	0.00E+00	4.17E-04	1.56E-02	2.35E+00	0.00E+00	4.45E-10	3.83E-09	1.82E-04	2.31E-06	3.40E-01	0.00E+00	2.35E+00	2.14E-08	2.35E+00	2.95E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
862622502	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
862622505	4.48E-04	8.74E-02	1.61E-04	8.73E-02	0.00E+00	0.00E+00	1.65E-01	2.30E-07	5.46E-05	8.76E-04	0.00E+00	3.83E-03	1.10E-11	2.63E-10	1.26E-01	2.42E-03	0.00E+00	0.00E+00	1.57E-04	1.48E-02	2.21E+00	0.00E+00	4.24E-10	3.61E-09	1.72E-04	3.39E-06	5.84E-01	0.00E+00	2.21E+00	3.09E-08	2.21E+00	2.79E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.70E-03
862622506	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
8627205	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
863012502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
863012505	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
863012512	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
863012513	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
863012514	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
863012515	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
863012517	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
863512502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
863512503	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
863512504	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
9418505	1.39E-03	2.71E-01	4.98E-04	2.70E-01	0.00E+00	0.00E+00	5.11E-01	7.13E-07	1.69E-04	2.71E-03	0.00E+00	1.19E-02	3.40E-11	8.13E-10	3.89E-01	7.49E-03	0.00E+00	0.00E+00	4.87E-04	4.57E-02	6.83E+00	0.00E+00	1.31E-09	1.12E-08	5.32E-04	1.05E-05	1.81E+00	0.00E+00	6.83E+00	9.58E-08	6.83E+00	8.64E+00	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-02
9418525	1.19E-03	2.28E-01	1.54E-04	2.27E-01	0.00E+00	0.00E+00	4.28E-01	1.54E-07	1.43E-04	2.29E-03	0.00E+00	9.61E-03	2.87E-11	6.86E-10	3.24E-01	2.28E-03	0.00E+00	0.00E+00	1.03E-03	3.84E-02	5.77E+00	0.00E+00	1.09E-09	9.43E-09	4.49E-04	5.69E-06	8.37E-01	0.00E+00	5.77E+00	5.28E-08	5.77E+00	7.27E+00	8.37E-01	0.00E+00	0.00E+00	0.00E+00	4.40E-02
941852501	1.43E-03	2.74E-01	1.86E-04	2.73E-01	0.00E+00	0.00E+00	5.14E-01	1.86E-07	1.72E-04	2.75E-03	0.00E+00	1.16E-02	3.46E-11	8.25E-10	3.90E-01	2.74E-03	0.00E+00	0.00E+00	1.23E-03	4.62E-02	6.95E+00	0.00E+00	1.32E-09	1.14E-08	5.40E-04	6.85E-06	1.01E+00	0.00E+00	6.95E+00	6.35E-08	6.95E+00	8.75E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
941852502	5.06E-04	9.87E-02	1.82E-04	9.85E-02	0.00E+00	0.00E+00	1.86E-01	2.60E-07	6.16E-05	9.89E-04	0.00E+00	4.33E-03	1.24E-11	2.96E-10	1.42E-01	2.73E-03	0.00E+00	0.00E+00	1.78E-04	1.67E-02	2.49E+00	0.00E+00	4.78E-10	4.07E-09	1.94E-04	3.82E-06	6.59E-01	0.00E+00	2.49E+00	3.49E-08	2.49E+00	3.15E+00	6.59E-01	0.00E+00	0.00E+00	0.00E+00	7.56E-03
941852505	5.06E-04	9.87E-02	1.82E-04	9.85E-02	0.00E+00	0.00E+00	1.86E-01	2.60E-07	6.16E-05	9.89E-04	0.00E+00	4.33E-03	1.24E-11	2.96E-10	1.42E-01	2.73E-03	0.00E+00	0.00E+00	1.78E-04	1.67E-02	2.49E+00	0.00E+00	4.78E-10	4.07E-09	1.94E-04	3.82E-06	6.59E-01	0.00E+00	2.49E+00	3.49E-08	2.49E+00	3.15E+00	6.59E-01	0.00E+00	0.00E+00	0.00E+00	7.56E-03
941852506	1.43E-03	2.74E-01	1.86E-04	2.73E-01	0.00E+00	0.00E+00	5.14E-01	1.86E-07	1.72E-04	2.75E-03	0.00E+00	1.16E-02	3.46E-11	8.25E-10	3.90E-01	2.74E-03	0.00E+00	0.00E+00	1.23E-03	4.62E-02	6.95E+00	0.00E+00	1.32E-09	1.14E-08	5.40E-04	6.85E-06	1.01E+00	0.00E+00	6.95E+00	6.35E-08	6.95E+00	8.75E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
9419505	5.06E-04	9.87E-02	1.82E-04	9.85E-02	0.00E+00	0.00E+00	1.86E-01	2.60E-07	6.16E-05	9.89E-04	0.00E+00	4.33E-03	1.24E-11	2.96E-10	1.42E-01	2.73E-03	0.00E+00	0.00E+00	1.78E-04	1.67E-02	2.49E+00	0.00E+00	4.78E-10	4.07E-09	1.94E-04	3.82E-06	6.59E-01	0.00E+00	2.49E+00	3.49E-08	2.49E+00	3.15E+00	6.59E-01	0.00E+00	0.00E+00	0.00E+00	7.56E-03
941952501	1.30E-03	2.49E-01	1.69E-04	2.49E-01	0.00E+00	0.00E+00	4.68E-01	1.69E-07	1.56E-04	2.50E-03	0.00E+00	1.05E-02	3.14E-11	7.50E-10	3.54E-01	2.49E-03	0.00E+00	0.00E+00	1.12E-03	4.20E-02	6.31E+00	0.00E+00	1.20E-09	1.03E-08	4.91E-04	6.23E-06	9.16E-01	0.00E+00	6.31E+00	5.77E-08	6.31E+00	7.95E+00	9.16E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-02
941952502	5.06E-04	9.87E-02	1.82E-04	9.85E-02	0.00E+00	0.00E+00	1.86E-01	2.60E-07	6.16E-05	9.89E-04	0.00E+00	4.33E-03	1.24E-11	2.96E-10	1.42E-01	2.73E-03	0.00E+00	0.00E+00	1.78E-04	1.67E-02	2.49E+00	0.00E+00	4.78E-10	4.07E-09	1.94E-04	3.82E-06	6.59E-01	0.00E+00	2.49E+00	3.49E-08	2.49E+00	3.15E+00	6.59E-01	0.00E+00	0.00E+00	0.00E+00	7.56E-03
941952505	5.06E-04	9.87E-02	1.82E-04	9.85E-02	0.00E+00	0.00E+00	1.86E-01	2.60E-07	6.16E-05	9.89E-04	0.00E+00	4.33E-03	1.24E-11	2.96E-10	1.42E-01	2.73E-03	0.00E+00	0.00E+00	1.78E-04	1.67E-02	2.49E+00	0.00E+00	4.78E-10	4.07E-09	1.94E-04	3.82E-06	6.59E-01	0.00E+00	2.49E+00	3.49E-08	2.49E+00	3.15E+00	6.59E-01	0.00E+00	0.00E+00	0.00E+00	7.56E-03
941952506	5.06E-04	9.87E-02	1.82E-04	9.85E-02	0.00E+00	0.00E+00	1.86E-01	2.60E-07	6.16E-05	9.89E-04	0.00E+00	4.33E-03	1.24E-11	2.96E-10	1.42E-01	2.73E-03	0.00E+00	0.00E+00	1.78E-04	1.67E-02	2.49E+00	0.00E+00	4.78E-10	4.07E-09	1.94E-04	3.82E-06	6.59E-01	0.00E+00	2.49E+00	3.49E-08	2.49E+00	3.15E+00	6.59E-01	0.00E+00	0.00E+00	0.00E+00	7.56E-03
9419605	1.19E-03	2.28E-01	1.54E-04	2.27E-01	0.00E+00	0.00E+00	4.28E-01	1.54E-07	1.43E-04	2.29E-03	0.00E+00	9.61E-03	2.87E-11	6.86E-10	3.24E-01	2.28E-03	0.00E+00	0.00E+00	1.03E-03	3.84E-02	5.77E+00	0.00E+00	1.09E-09	9.43E-09	4.49E-04	5.69E-06	8.37E-01	0.00E+00	5.77E+00	5.28E-08	5.77E+00	7.27E+00	8.37E-01	0.00E+00	0.00E+00	0.00E+00	4.40E-02
9419609	1.12E-03	2.14E-01	1.45E-04	2.13E-01	0.00E+00	0.00E+00	4.01E-01	1.45E-07	1.34E-04	2.15E-03	0.00E+00	9.01E-03	2.69E-11	6.43E-10	3.04E-01	2.13E-03	0.00E+00	0.00E+00	9.61E-04	3.60E-02	5.41E+00	0.00E+00	1.03E-09	8.84E-09	4.21E-04	5.34E-06	7.85E-01	0.00E+00	5.41E+00	4.95E-08	5.41E+00	6.82E+00	7.85E-01	0.00E+00	0.00E+00	0.00E+00	4.13E-02
9419705	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
9419709	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
9419728	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
9419805	1.19E-03	2.28E-01	1.54E-04	2.27E-01	0.00E+00	0.00E+00	4.28E-01	1.54E-07	1.43E-04	2.29E-03	0.00E+00	9.61E-03	2.87E-11	6.86E-10	3.24E-01	2.28E-03	0.00E+00	0.00E+00	1.03E-03	3.84E-02	5.77E+00	0.00E+00	1.09E-09	9.43E-09	4.49E-04	5.69E-06	8.37E-01	0.00E+00	5.77E+00	5.28E-08	5.77E+00	7.27E+00	8.37E-01	0.00E+00	0.00E+00	0.00E+00	4.40E-02
9419909	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
9429603	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
9429605	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
9429606	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
9429619	6.33E-04	1.21E-01	8.21E-05	1.21E-01	0.00E+00	0.00E+00	2.27E-01	8.20E-08	7.57E-05	1.22E-03	0.00E+00	5.11E-03	1.53E-11	3.64E-10	1.72E-01	1.21E-03	0.00E+00	0.00E+00	5.45E-04	2.04E-02	3.07E+00	0.00E+00	5.82E-10	5.01E-09	2.39E-04	3.02E-06	4.45E-01	0.00E+00	3.07E+00	2.80E-08	3.07E+00	3.86E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
9451705	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
945172501	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
945172505	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
945172507	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
945172509	2.34E-03	4.47E-01	9.87E-03	4.37E-01	0.00E+00	0.00E+00	6.70E-01	1.07E-06	2.74E-04	4.39E-03	0.00E+00	1.23E-02	5.53E-11	1.31E-09	5.85E-01	1.19E-02	0.00E+00	0.00E+00	7.92E-04	6.74E-02	1.07E+01	0.00E+00	1.91E-09	1.83E-08	8.68E-04	1.59E-05	2.51E+00	0.00E+00	1.07E+01	1.45E-07	1.07E+01	1.32E+01	2.51E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-02
945702505	3.70E-03	7.09E-01	4.80E-04	7.07E-01	0.00E+00	0.00E+00	1.33E+00	4.80E-07	4.43E-04	7.12E-03	0.00E+00	2.99E-02	8.93E-11	2.13E-09	1.01E+00	7.08E-03	0.00E+00	0.00E+00	3.19E-03	1.19E-01	1.80E+01	0.00E+00	3.40E-09	2.93E-08	1.40E-03	1.77E-05	2.60E+00	0.00E+00	1.80E+01	1.64E-07	1.80E+01	2.26E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01
945702515	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
945712501	3.70E-03	7.09E-01	4.80E-04	7.07E-01	0.00E+00	0.00E+00	1.33E+00	4.80E-07	4.43E-04	7.12E-03	0.00E+00	2.99E-02	8.93E-11	2.13E-09	1.01E+00	7.08E-03	0.00E+00	0.00E+00	3.19E-03	1.19E-01	1.80E+01	0.00E+00	3.40E-09	2.93E-08	1.40E-03	1.77E-05	2.60E+00	0.00E+00	1.80E+01	1.64E-07	1.80E+01	2.26E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01
945712505	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
945712507	3.70E-03	7.09E-01	4.80E-04	7.07E-01	0.00E+00	0.00E+00	1.33E+00	4.80E-07	4.43E-04	7.12E-03	0.00E+00	2.99E-02	8.93E-11	2.13E-09	1.01E+00	7.08E-03	0.00E+00	0.00E+00	3.19E-03	1.19E-01	1.80E+01	0.00E+00	3.40E-09	2.93E-08	1.40E-03	1.77E-05	2.60E+00	0.00E+00	1.80E+01	1.64E-07	1.80E+01	2.26E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01
945712509	3.70E-03	7.09E-01	4.80E-04	7.07E-01	0.00E+00	0.00E+00	1.33E+00	4.80E-07	4.43E-04	7.12E-03	0.00E+00	2.99E-02	8.93E-11	2.13E-09	1.01E+00	7.08E-03	0.00E+00	0.00E+00	3.19E-03	1.19E-01	1.80E+01	0.00E+00	3.40E-09	2.93E-08	1.40E-03	1.77E-05	2.60E+00	0.00E+00	1.80E+01	1.64E-07	1.80E+01	2.26E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01
947132502	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
947132503	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
947132504	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
947132505	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
947132506	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
947132576	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
947782501	1.30E-03	2.49E-01	1.69E-04	2.49E-01	0.00E+00	0.00E+00	4.68E-01	1.69E-07	1.56E-04	2.50E-03	0.00E+00	1.05E-02	3.14E-11	7.50E-10	3.54E-01	2.49E-03	0.00E+00	0.00E+00	1.12E-03	4.20E-02	6.31E+00	0.00E+00	1.20E-09	1.03E-08	4.91E-04	6.23E-06	9.16E-01	0.00E+00	6.31E+00	5.77E-08	6.31E+00	7.95E+00	9.16E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-02

947782502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
947782503	1.19E-03	2.28E-01	1.54E-04	2.27E-01	0.00E+00	0.00E+00	4.28E-01	1.54E-07	1.43E-04	2.29E-03	0.00E+00	9.61E-03	2.87E-11	6.86E-10	3.24E-01	2.28E-03	0.00E+00	0.00E+00	1.03E-03	3.84E-02	5.77E+00	0.00E+00	1.09E-09	9.43E-09	4.49E-04	5.69E-06	8.37E-01	0.00E+00	5.77E+00	5.28E-08	5.77E+00	7.27E+00	8.37E-01	0.00E+00	0.00E+00	0.00E+00	4.40E-02
947782505	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
947782506	1.30E-03	2.49E-01	1.69E-04	2.49E-01	0.00E+00	0.00E+00	4.68E-01	1.69E-07	1.56E-04	2.50E-03	0.00E+00	1.05E-02	3.14E-11	7.50E-10	3.54E-01	2.49E-03	0.00E+00	0.00E+00	1.12E-03	4.20E-02	6.31E+00	0.00E+00	1.20E-09	1.03E-08	4.91E-04	6.23E-06	9.16E-01	0.00E+00	6.31E+00	5.77E-08	6.31E+00	7.95E+00	9.16E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-02
947782512	1.12E-03	2.14E-01	1.45E-04	2.13E-01	0.00E+00	0.00E+00	4.01E-01	1.45E-07	1.34E-04	2.15E-03	0.00E+00	9.01E-03	2.69E-11	6.43E-10	3.04E-01	2.13E-03	0.00E+00	0.00E+00	9.61E-04	3.60E-02	5.41E+00	0.00E+00	1.03E-09	8.84E-09	4.21E-04	5.34E-06	7.85E-01	0.00E+00	5.41E+00	4.95E-08	5.41E+00	6.82E+00	7.85E-01	0.00E+00	0.00E+00	0.00E+00	4.13E-02
947792501	1.30E-03	2.49E-01	1.69E-04	2.49E-01	0.00E+00	0.00E+00	4.68E-01	1.69E-07	1.56E-04	2.50E-03	0.00E+00	1.05E-02	3.14E-11	7.50E-10	3.54E-01	2.49E-03	0.00E+00	0.00E+00	1.12E-03	4.20E-02	6.31E+00	0.00E+00	1.20E-09	1.03E-08	4.91E-04	6.23E-06	9.16E-01	0.00E+00	6.31E+00	5.77E-08	6.31E+00	7.95E+00	9.16E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-02
947792502	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
947792503	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
947792505	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
947792506	7.26E-04	1.39E-01	9.41E-05	1.38E-01	0.00E+00	0.00E+00	2.61E-01	9.40E-08	8.69E-05	1.40E-03	0.00E+00	5.86E-03	1.75E-11	4.18E-10	1.97E-01	1.39E-03	0.00E+00	0.00E+00	6.25E-04	2.34E-02	3.52E+00	0.00E+00	6.67E-10	5.75E-09	2.74E-04	3.47E-06	5.10E-01	0.00E+00	3.52E+00	3.22E-08	3.52E+00	4.43E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
961842501	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
9618505	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
961852501	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
961852502	1.43E-03	2.74E-01	1.86E-04	2.73E-01	0.00E+00	0.00E+00	5.14E-01	1.86E-07	1.72E-04	2.75E-03	0.00E+00	1.16E-02	3.46E-11	8.25E-10	3.90E-01	2.74E-03	0.00E+00	0.00E+00	1.23E-03	4.62E-02	6.95E+00	0.00E+00	1.32E-09	1.14E-08	5.40E-04	6.85E-06	1.01E+00	0.00E+00	6.95E+00	6.35E-08	6.95E+00	8.75E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
961852505	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
961852506	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
9619405	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
961942502	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
961942505	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
961942506	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
9619505	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
961952501	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
961952502	1.43E-03	2.74E-01	1.86E-04	2.73E-01	0.00E+00	0.00E+00	5.14E-01	1.86E-07	1.72E-04	2.75E-03	0.00E+00	1.16E-02	3.46E-11	8.25E-10	3.90E-01	2.74E-03	0.00E+00	0.00E+00	1.23E-03	4.62E-02	6.95E+00	0.00E+00	1.32E-09	1.14E-08	5.40E-04	6.85E-06	1.01E+00	0.00E+00	6.95E+00	6.35E-08	6.95E+00	8.75E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
961952505	1.43E-03	2.74E-01	1.86E-04	2.73E-01	0.00E+00	0.00E+00	5.14E-01	1.86E-07	1.72E-04	2.75E-03	0.00E+00	1.16E-02	3.46E-11	8.25E-10	3.90E-01	2.74E-03	0.00E+00	0.00E+00	1.23E-03	4.62E-02	6.95E+00	0.00E+00	1.32E-09	1.14E-08	5.40E-04	6.85E-06	1.01E+00	0.00E+00	6.95E+00	6.35E-08	6.95E+00	8.75E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
961952506	1.39E-03	2.71E-01	4.98E-04	2.70E-01	0.00E+00	0.00E+00	5.11E-01	7.13E-07	1.69E-04	2.71E-03	0.00E+00	1.19E-02	3.40E-11	8.13E-10	3.89E-01	7.49E-03	0.00E+00	0.00E+00	4.87E-04	4.57E-02	6.83E+00	0.00E+00	1.31E-09	1.12E-08	5.32E-04	1.05E-05	1.81E+00	0.00E+00	6.83E+00	9.58E-08	6.83E+00	8.64E+00	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-02
9624905	3.72E-04	7.12E-02	4.83E-05	7.10E-02	0.00E+00	0.00E+00	1.34E-01	4.82E-08	4.46E-05	7.16E-04	0.00E+00	3.00E-03	8.98E-12	2.14E-10	1.01E-01	7.11E-04	0.00E+00	0.00E+00	3.20E-04	1.20E-02	1.80E+00	0.00E+00	3.42E-10	2.95E-09	1.40E-04	1.78E-06	2.62E-01	0.00E+00	1.80E+00	1.65E-08	1.80E+00	2.27E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
962492501	3.72E-04	7.12E-02	4.83E-05	7.10E-02	0.00E+00	0.00E+00	1.34E-01	4.82E-08	4.46E-05	7.16E-04	0.00E+00	3.00E-03	8.98E-12	2.14E-10	1.01E-01	7.11E-04	0.00E+00	0.00E+00	3.20E-04	1.20E-02	1.80E+00	0.00E+00	3.42E-10	2.95E-09	1.40E-04	1.78E-06	2.62E-01	0.00E+00	1.80E+00	1.65E-08	1.80E+00	2.27E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
962492502	3.05E-04	5.96E-02	1.10E-04	5.95E-02	0.00E+00	0.00E+00	1.13E-01	1.57E-07	3.72E-05	5.97E-04	0.00E+00	2.61E-03	7.49E-12	1.79E-10	8.56E-02	1.65E-03	0.00E+00	0.00E+00	1.07E-04	1.01E-02	1.50E+00	0.00E+00	2.89E-10	2.46E-09	1.17E-04	2.31E-06	3.98E-01	0.00E+00	1.50E+00	2.11E-08	1.50E+00	1.90E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	4.56E-03
962492505	3.72E-04	7.12E-02	4.83E-05	7.10E-02	0.00E+00	0.00E+00	1.34E-01	4.82E-08	4.46E-05	7.16E-04	0.00E+00	3.00E-03	8.98E-12	2.14E-10	1.01E-01	7.11E-04	0.00E+00	0.00E+00	3.20E-04	1.20E-02	1.80E+00	0.00E+00	3.42E-10	2.95E-09	1.40E-04	1.78E-06	2.62E-01	0.00E+00	1.80E+00	1.65E-08	1.80E+00	2.27E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
962492506	3.72E-04	7.12E-02	4.83E-05	7.10E-02	0.00E+00	0.00E+00	1.34E-01	4.82E-08	4.46E-05	7.16E-04	0.00E+00	3.00E-03	8.98E-12	2.14E-10	1.01E-01	7.11E-04	0.00E+00	0.00E+00	3.20E-04	1.20E-02	1.80E+00	0.00E+00	3.42E-10	2.95E-09	1.40E-04	1.78E-06	2.62E-01	0.00E+00	1.80E+00	1.65E-08	1.80E+00	2.27E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
962512502	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
962512503	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
962512505	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
962572502	3.72E-04	7.12E-02	4.83E-05	7.10E-02	0.00E+00	0.00E+00	1.34E-01	4.82E-08	4.46E-05	7.16E-04	0.00E+00	3.00E-03	8.98E-12	2.14E-10	1.01E-01	7.11E-04	0.00E+00	0.00E+00	3.20E-04	1.20E-02	1.80E+00	0.00E+00	3.42E-10	2.95E-09	1.40E-04	1.78E-06	2.62E-01	0.00E+00	1.80E+00	1.65E-08	1.80E+00	2.27E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
962572503	3.72E-04	7.12E-02	4.83E-05	7.10E-02	0.00E+00	0.00E+00	1.34E-01	4.82E-08	4.46E-05	7.16E-04	0.00E+00	3.00E-03	8.98E-12	2.14E-10	1.01E-01	7.11E-04	0.00E+00	0.00E+00	3.20E-04	1.20E-02	1.80E+00	0.00E+00	3.42E-10	2.95E-09	1.40E-04	1.78E-06	2.62E-01	0.00E+00	1.80E+00	1.65E-08	1.80E+00	2.27E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
962572505	3.72E-04	7.12E-02	4.83E-05	7.10E-02	0.00E+00	0.00E+00	1.34E-01	4.82E-08	4.46E-05	7.16E-04	0.00E+00	3.00E-03	8.98E-12	2.14E-10	1.01E-01	7.11E-04	0.00E+00	0.00E+00	3.20E-04	1.20E-02	1.80E+00	0.00E+00	3.42E-10	2.95E-09	1.40E-04	1.78E-06	2.62E-01	0.00E+00	1.80E+00	1.65E-08	1.80E+00	2.27E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
962572506	3.72E-04	7.12E-02	4.83E-05	7.10E-02	0.00E+00	0.00E+00	1.34E-01	4.82E-08	4.46E-05	7.16E-04	0.00E+00	3.00E-03	8.98E-12	2.14E-10	1.01E-01	7.11E-04	0.00E+00	0.00E+00	3.20E-04	1.20E-02	1.80E+00	0.00E+00	3.42E-10	2.95E-09	1.40E-04	1.78E-06	2.62E-01	0.00E+00	1.80E+00	1.65E-08	1.80E+00	2.27E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
962592501	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
962592502	8.00E-04	1.53E-01	1.04E-04	1.53E-01	0.00E+00	0.00E+00	2.87E-01	1.04E-07	9.58E-05	1.54E-03	0.00E+00	6.46E-03	1.93E-11	4.61E-10	2.18E-01	1.53E-03	0.00E+00	0.00E+00	6.89E-04	2.58E-02	3.88E+00	0.00E+00	7.35E-10	6.34E-09	3.02E-04	3.82E-06	5.63E-01	0.00E+00	3.88E+00	3.55E-08	3.88E+00	4.88E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	2.96E-02
962592503	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
962592505	8.00E-04	1.53E-01	1.04E-04	1.53E-01	0.00E+00	0.00E+00	2.87E-01	1.04E-07	9.58E-05	1.54E-03	0.00E+00	6.46E-03	1.93E-11	4.61E-10	2.18E-01	1.53E-03	0.00E+00	0.00E+00	6.89E-04	2.58E-02	3.88E+00	0.00E+00	7.35E-10	6.34E-09	3.02E-04	3.82E-06	5.63E-01	0.00E+00	3.88E+00	3.55E-08	3.88E+00	4.88E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	2.96E-02
962592506	8.00E-04	1.53E-01	1.04E-04	1.53E-01	0.00E+00	0.00E+00	2.87E-01	1.04E-07	9.58E-05	1.54E-03	0.00E+00	6.46E-03	1.93E-11	4.61E-10	2.18E-01	1.53E-03	0.00E+00	0.00E+00	6.89E-04	2.58E-02	3.88E+00	0.00E+00	7.35E-10	6.34E-09	3.02E-04	3.82E-06	5.63E-01	0.00E+00	3.88E+00	3.55E-08	3.88E+00	4.88E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	2.96E-02
9626205	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
962622501	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
962622502	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
962622505	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
962622506	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
9627205	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
962722502	3.74E-04	7.15E-02	1.58E-03	7.00E-02	0.00E+00	0.00E+00	1.07E-01	1.71E-07	4.38E-05	7.03E-04	0.00E+00	1.98E-03	8.85E-12	2.10E-10	9.36E-02	1.90E-03	0.00E+00	0.00E+00	1.27E-04	1.08E-02	1.72E+00	0.00E+00	3.06E-10	2.93E-09	1.39E-04	2.54E-06	4.02E-01	0.00E+00	1.72E+00	2.32E-08	1.72E+00	2.12E+00	4.02E-01	0.00E+00	0.00E+00	0.00E+00	5.42E-03
962722505	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
962722506	1.17E-03	2.24E-01	1.52E-04	2.24E-01	0.00E+00	0.00E+00	4.21E-01	1.52E-07	1.40E-04	2.25E-03	0.00E+00	9.46E-03	2.83E-11	6.75E-10	3.19E-01	2.24E-03	0.00E+00	0.00E+00	1.01E-03	3.78E-02	5.68E+00	0.00E+00	1.08E-09	9.29E-09	4.42E-04	5.60E-06	8.24E-01	0.00E+00	5.68E+00	5.20E-08	5.68E+00	7.16E+00	8.24E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-02
AS2457	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
B45000	1.05E-02	2.01E+00	1.36E-03	2.00E+00	0.00E+00	0.00E+00	3.77E+00	1.36E-06	1.26E-03	2.02E-02	0.00E+00	8.47E-02	2.53E-10	6.04E-09	2.86E+00	2.01E-02	0.00E+00	0.00E+00	9.04E-03	3.38E-01	5.09E+01	0.00E+00	9.65E-09	8.31E-08	3.96E-03	5.02E-05	7.38E+00	0.00E+00	5.09E+01	4.65E-07	5.09E+01	6.41E+01	7.38E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-01
B45010	2.93E-04	5.32E-02	9.79E-05	5.31E-02	0.00E+00	0.00E+00	1.01E-01	1.40E-07	3.32E-05	5.34E-04	0.00E+00	2.33E-03	6.69E-12	1.60E-10	7.65E-02	1.47E-03	0.00E+00	0.00E+00	9.58E-05	8.99E-03	1.34E+00	0.00E+00	2.58E-10	2.20E-09	1.05E-04	2.06E-06	3.56E-01	0.00E+00	1.34E+00	1.88E-08	1.34E+00	1.70E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	4.08E-03
B45011	2.05E-04	3.92E-02	2.65E-05	3.91E-02	0.00E+00	0.00E+00	7.35E-02	2.65E-08	2.45E-05	3.94E-04	0.00E+00	1.65E-03	4.94E-12	1.18E-10	5.57E-02	3.91E-04	0.00E+00	0.00E+00	1.76E-04	6.60E-03	9.92E-01	0.00E+00	1.88E-10	1.62E-09	7.72E-05	9.78E-07	1.44E-01	0.00E+00	9.92E-01	9.07E-09	9.92E-01	1.25E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-03
B45012	2.05E-04	3.92E-02	2.65E-05	3.91E-02	0.00E+00	0.00E+00	7.35E-02	2.65E-08	2.45E-05	3.94E-04	0.00E+00	1.65E-03	4.94E-12	1.18E-10	5.57E-02	3.91E-04	0.00E+00	0.00E+00	1.76E-04	6.60E-03	9.92E-01	0.00E+00	1.88E-10	1.62E-09	7.72E-05	9.78E-07	1.44E-01	0.00E+00	9.92E-01	9.07E-09	9.92E-01	1.25E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-03
B45013	2.05E-04	3.92E-02	2.65E-05	3.91E-02	0.00E+00	0.00E+00	7.35E-02	2.65E-08	2.45E-05	3.94E-04	0.00E+00	1.65E-03	4.94E-12	1.18E-10	5.57E-02	3.91E-04	0.00E+00	0.00E+00	1.76E-04	6.60E-03	9.92E-01	0.00E+00	1.88E-10	1.62E-09	7.72E-05	9.78E-07	1.44E-01	0.00E+00	9.92E-01	9.07E-09	9.92E-01	1.25E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-03
B45014	2.05E-04	3.92E-02	2.65E-05	3.91E-02	0.00E+00	0.00E+00	7.35E-02	2.65E-08	2.45E-05	3.94E-04	0.00E+00	1.65E-03	4.94E-12	1.18E-10	5.57E-02	3.91E-04	0.00E+00	0.00E+00	1.76E-04	6.60E-03	9.92E-01	0.00E+00	1.88E-10	1.62E-09	7.72E-05	9.78E-07	1.44E-01	0.00E+00	9.92E-01	9.07E-09	9.92E-01	1.25E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-03
B45016	2.05E-04	3.92E-02	2.65E-05	3.91E-02	0.00E+00	0.00E+00	7.35E-02	2.65E-08	2.45E-05	3.94E-04	0.00E+00	1.65E-03	4.94E-12	1.18E-10	5.57E-02	3.91E-04	0.00E+00	0.00E+00	1.76E-04	6.60E-03	9.92E-01	0.00E+00	1.88E-10	1.62E-09	7.72E-05	9.78E-07	1.44E-01	0.00E+00	9.92E-01	9.07E-09	9.92E-01	1.25E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-03
B45020	4.65E-04	9.08E-02	1.67E-04	9.06E-02	0.00E+00	0.00E+00	1.71E-01	2.39E-07	5.67E-05	9.10E-04	0.00E+00	3.98E-03	1.14E-11	2.73E-10	1.30E-01	2.51E-03	0.00E+00	0.00E+00	1.63E-04	1.53E-02	2.29E+00	0.00E+00	4.40E-10	3.74E-09	1.78E-04	3.52E-06	6.06E-01	0.00E+00	2.29E+00	3.21E-08	2.29E+00	2.90E+00	6.06E-01	0.00E+00	0.00E+00	0.00E+00	6.95E-03
B45021	4.99E-04	9.08E-02	1.67E-04	9.06E-02	0.00E+00	0.00E+00	1.71E-01	2.39E-07	5.67E-05	9.10E-04	0.00E+00	3.98E-03	1.14E-11	2.73E-10	1.30E-01	2.51E-03	0.00E+00	0.00E+00	1.63E-04	1.53E-02	2.29E+00	0.00E+00	4.40E-10	3.74E-09	1.78E-04	3.52E-06	6.06E-01	0.00E+00	2.29E+00	3.21E-08	2.29E+00	2.90E+00	6.06E-01	0.00E+00	0.00E+00	0.00E+00	6.95E-03
B45022	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
B45023	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
B45024	4.65E-04	9.08E-02	1.67E-04	9.06E-02	0.00E+00	0.00E+00	1.71E-01	2.39E-07	5.67E-05	9.10E-04	0.00E+00	3.98E-03	1.14E-11	2.73E-10	1.30E-01	2.51E-03	0.00E+00	0.00E+00	1.63E-04	1.53E-02	2.29E+00	0.00E+00	4.40E-10	3.74E-09	1.78E-04	3.52E-06	6.06E-01	0.00E+00	2.29E+00	3.21E-08	2.29E+00	2.90E+00	6.06E-01	0.00E+00	0.00E+00	0.00E+00	6.95E-03
B45026	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
B45030	2.94E-04	5.35E-02	9.85E-05	5.34E-02	0.00E+00	0.00E+00	1.01E-01	1.41E-07	3.34E-05	5.37E-04	0.00E+00	2.35E-03	6.73E-12	1.61E-10	7.70E-02	1.48E-03	0.00E+00	0.00E+00	9.64E-05	9.04E-03	1.35E+00	0.00E+00	2.59E-10	2.21E-09	1.05E-04	2.07E-06	3.58E-01	0.00E+00	1.35E+00	1.89E-08	1.35E+00	1.71E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	4.10E-03
B45031	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
B45032	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
B45033	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
B45034	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
B88100	2.73E-04	5.32E-02	9.79E-05	5.31E-02	0.00E+00	0.00E+00	1.01E-01	1.40E-07	3.32E-05	5.34E-04	0.00E+00	2.33E-03	6.69E-12	1.60E-10	7.65E-02	1.47E-03	0.00E+00	0.00E+00	9.58E-05	8.99E-03	1.34E+00	0.00E+00	2.58E-10	2.20E-09	1.05E-04	2.06E-06	3.56E-01	0.00E+00	1.34E+00	1.88E-08	1.34E+00	1.70E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	4.08E-03
B88102	9.31E-05	1.78E-02	1.21E-05	1.78E-02	0.00E+00	0.00E+00	3.34E-02	1.21E-08	1.11E-05	1.79E-04	0.00E+00	7.51E-04	2.25E-12	5.36E-11	2.53E-02	1.78E-04	0.00E+00	0.00E+00	8.01E-05	3.00E-03	4.51E-01	0.00E+00	8.55E-11	7.37E-10	3.51E-05	4.45E-07	6.54E-02	0.00E+00	4.51E-01	4.12E-09	4.51E-01	5.68E-01	6.54E-02	0.00E+00	0.00E+00	0.00E+00	3.44E-03
B88122	2.73E-04	5.32E-02	9.79E-05	5.31E-02	0.00E+00	0.00E+00	1.01E-01	1.40E-07	3.32E-05	5.34E-04	0.00E+00	2.33E-03	6.69E-12	1.60E-10	7.65E-02	1.47E-03	0.00E+00	0.00E+00	9.58E-05	8.99E-03	1.34E+00	0.00E+00	2.58E-10	2.20E-09	1.05E-04	2.06E-06	3.56E-01	0.00E+00	1.34E+00	1.88E-08	1.34E+00	1.70E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	4.08E-03
GD20009011	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GD20017035	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GD20019011	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GD20019016	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GD30007035	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GD30009011	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GD30017035	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GD30019011	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GD30019016	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GDE20017035	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GDE20019016	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GDE30019016	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01

GE20103020	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GE20109016	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GE20113020	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GE20119016	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GS10017035	2.15E-03	4.10E-01	9.06E-03	4.01E-01	0.00E+00	0.00E+00	6.15E-01	9.83E-07	2.51E-04	4.03E-03	0.00E+00	1.13E-02	5.07E-11	1.20E-09	5.37E-01	1.09E-02	0.00E+00	0.00E+00	7.27E-04	6.18E-02	9.84E+00	0.00E+00	1.76E-09	1.68E-08	7.97E-04	1.46E-05	2.30E+00	0.00E+00	9.84E+00	1.33E-07	9.84E+00	1.21E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-02
GS10019011	2.15E-03	4.10E-01	9.06E-03	4.01E-01	0.00E+00	0.00E+00	6.15E-01	9.83E-07	2.51E-04	4.03E-03	0.00E+00	1.13E-02	5.07E-11	1.20E-09	5.37E-01	1.09E-02	0.00E+00	0.00E+00	7.27E-04	6.18E-02	9.84E+00	0.00E+00	1.76E-09	1.68E-08	7.97E-04	1.46E-05	2.30E+00	0.00E+00	9.84E+00	1.33E-07	9.84E+00	1.21E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-02
GS10019016	1.83E-03	3.58E-01	6.58E-04	3.57E-01	0.00E+00	0.00E+00	6.76E-01	9.42E-07	2.23E-04	3.59E-03	0.00E+00	1.57E-02	4.50E-11	1.07E-09	5.14E-01	9.90E-03	0.00E+00	0.00E+00	6.44E-04	6.04E-02	9.03E+00	0.00E+00	1.73E-09	1.48E-08	7.03E-04	1.39E-05	2.39E+00	0.00E+00	9.03E+00	1.27E-07	9.03E+00	1.14E+01	2.39E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-02
GS1001LAN	2.15E-03	4.10E-01	9.06E-03	4.01E-01	0.00E+00	0.00E+00	6.15E-01	9.83E-07	2.51E-04	4.03E-03	0.00E+00	1.13E-02	5.07E-11	1.20E-09	5.37E-01	1.09E-02	0.00E+00	0.00E+00	7.27E-04	6.18E-02	9.84E+00	0.00E+00	1.76E-09	1.68E-08	7.97E-04	1.46E-05	2.30E+00	0.00E+00	9.84E+00	1.33E-07	9.84E+00	1.21E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-02
GS11003020	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GS11009011	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GS11009016	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GS11013020	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GS11019011	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GS11019016	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GS12003020	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GS12009011	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GS12009016	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GS12013020	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GS12019011	3.78E-03	7.23E-01	4.90E-04	7.21E-01	0.00E+00	0.00E+00	1.36E+00	4.89E-07	4.52E-04	7.26E-03	0.00E+00	3.05E-02	9.11E-11	2.17E-09	1.03E+00	7.22E-03	0.00E+00	0.00E+00	3.25E-03	1.22E-01	1.83E+01	0.00E+00	3.47E-09	2.99E-08	1.42E-03	1.81E-05	2.66E+00	0.00E+00	1.83E+01	1.67E-07	1.83E+01	2.31E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
GS12019016	1.88E-03	3.60E-01	2.44E-04	3.59E-01	0.00E+00	0.00E+00	6.75E-01	2.44E-07	2.25E-04	3.61E-03	0.00E+00	1.52E-02	4.53E-11	1.08E-09	5.11E-01	3.59E-03	0.00E+00	0.00E+00	1.62E-03	6.06E-02	9.11E+00	0.00E+00	1.73E-09	1.49E-08	7.09E-04	8.98E-06	1.32E+00	0.00E+00	9.11E+00	8.33E-08	9.11E+00	1.15E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02
GS20003020	1.04E-03	2.03E-01	3.74E-04	2.03E-01	0.00E+00	0.00E+00	3.84E-01	5.35E-07	1.27E-04	2.04E-03	0.00E+00	8.91E-03	2.56E-11	6.11E-10	2.92E-01	5.63E-03	0.00E+00	0.00E+00	3.66E-04	3.43E-02	5.13E+00	0.00E+00	9.86E-10	8.39E-09	3.99E-04	7.88E-06	1.36E+00	0.00E+00	5.13E+00	7.19E-08	5.13E+00	6.49E+00	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-02
GS20009011	3.66E-03	7.15E-01	1.32E-03	7.14E-01	0.00E+00	0.00E+00	1.35E+00	1.88E-06	4.46E-04	7.17E-03	0.00E+00	3.13E-02	8.99E-11	2.15E-09	1.03E+00	1.98E-02	0.00E+00	0.00E+00	1.29E-03	1.21E-01	1.81E+01	0.00E+00	3.47E-09	2.95E-08	1.40E-03	2.77E-05	4.78E+00	0.00E+00	1.81E+01	2.53E-07	1.81E+01	2.28E+01	4.78E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02
GS20013020	3.66E-03	7.15E-01	1.32E-03	7.14E-01	0.00E+00	0.00E+00	1.35E+00	1.88E-06	4.46E-04	7.17E-03	0.00E+00	3.13E-02	8.99E-11	2.15E-09	1.03E+00	1.98E-02	0.00E+00	0.00E+00	1.29E-03	1.21E-01	1.81E+01	0.00E+00	3.47E-09	2.95E-08	1.40E-03	2.77E-05	4.78E+00	0.00E+00	1.81E+01	2.53E-07	1.81E+01	2.28E+01	4.78E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02
GS20019011	3.66E-03	7.15E-01	1.32E-03	7.14E-01	0.00E+00	0.00E+00	1.35E+00	1.88E-06	4.46E-04	7.17E-03	0.00E+00	3.13E-02	8.99E-11	2.15E-09	1.03E+00	1.98E-02	0.00E+00	0.00E+00	1.29E-03	1.21E-01	1.81E+01	0.00E+00	3.47E-09	2.95E-08	1.40E-03	2.77E-05	4.78E+00	0.00E+00	1.81E+01	2.53E-07	1.81E+01	2.28E+01	4.78E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02
GS20019016	3.66E-03	7.15E-01	1.32E-03	7.14E-01	0.00E+00	0.00E+00	1.35E+00	1.88E-06	4.46E-04	7.17E-03	0.00E+00	3.13E-02	8.99E-11	2.15E-09	1.03E+00	1.98E-02	0.00E+00	0.00E+00	1.29E-03	1.21E-01	1.81E+01	0.00E+00	3.47E-09	2.95E-08	1.40E-03	2.77E-05	4.78E+00	0.00E+00	1.81E+01	2.53E-07	1.81E+01	2.28E+01	4.78E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02
GS20109011	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GS20109016	3.66E-03	7.15E-01	1.32E-03	7.14E-01	0.00E+00	0.00E+00	1.35E+00	1.88E-06	4.46E-04	7.17E-03	0.00E+00	3.13E-02	8.99E-11	2.15E-09	1.03E+00	1.98E-02	0.00E+00	0.00E+00	1.29E-03	1.21E-01	1.81E+01	0.00E+00	3.47E-09	2.95E-08	1.40E-03	2.77E-05	4.78E+00	0.00E+00	1.81E+01	2.53E-07	1.81E+01	2.28E+01	4.78E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02
GS20119011	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GS20119016	3.66E-03	7.15E-01	1.32E-03	7.14E-01	0.00E+00	0.00E+00	1.35E+00	1.88E-06	4.46E-04	7.17E-03	0.00E+00	3.13E-02	8.99E-11	2.15E-09	1.03E+00	1.98E-02	0.00E+00	0.00E+00	1.29E-03	1.21E-01	1.81E+01	0.00E+00	3.47E-09	2.95E-08	1.40E-03	2.77E-05	4.78E+00	0.00E+00	1.81E+01	2.53E-07	1.81E+01	2.28E+01	4.78E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02
GS30003020	1.24E-03	2.43E-01	4.46E-04	2.42E-01	0.00E+00	0.00E+00	4.58E-01	6.38E-07	1.51E-04	2.43E-03	0.00E+00	1.06E-02	3.05E-11	7.28E-10	3.49E-01	6.71E-03	0.00E+00	0.00E+00	4.37E-04	4.09E-02	6.12E+00	0.00E+00	1.18E-09	1.00E-08	4.76E-04	9.40E-06	1.62E+00	0.00E+00	6.12E+00	8.58E-08	6.12E+00	7.74E+00	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-02
GS30009011	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GS30009016	3.66E-03	7.15E-01	1.32E-03	7.14E-01	0.00E+00	0.00E+00	1.35E+00	1.88E-06	4.46E-04	7.17E-03	0.00E+00	3.13E-02	8.99E-11	2.15E-09	1.03E+00	1.98E-02	0.00E+00	0.00E+00	1.29E-03	1.21E-01	1.81E+01	0.00E+00	3.47E-09	2.95E-08	1.40E-03	2.77E-05	4.78E+00	0.00E+00	1.81E+01	2.53E-07	1.81E+01	2.28E+01	4.78E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02
GS30013020	1.46E-03	2.78E-01	6.14E-03	2.72E-01	0.00E+00	0.00E+00	4.17E-01	6.66E-07	1.70E-04	2.73E-03	0.00E+00	7.68E-03	3.44E-11	8.15E-10	3.64E-01	7.37E-03	0.00E+00	0.00E+00	4.93E-04	4.19E-02	6.67E+00	0.00E+00	1.19E-09	1.14E-08	5.40E-04	9.88E-06	1.56E+00	0.00E+00	6.67E+00	9.02E-08	6.67E+00	8.23E+00	1.56E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-02
GS30019011	5.50E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.03E+00	2.82E-06	6.69E-04	1.08E-02	0.00E+00	4.70E-02	1.35E-10	3.22E-09	1.54E+00	2.97E-02	0.00E+00	0.00E+00	1.93E-03	1.81E-01	2.71E+01	0.00E+00	5.20E-09	4.42E-08	2.11E-03	4.16E-05	7.17E+00	0.00E+00	2.71E+01	3.79E-07	2.71E+01	3.42E+01	7.17E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-02
GS30019016	5.50E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.03E+00	2.82E-06	6.69E-04	1.08E-02	0.00E+00	4.70E-02	1.35E-10	3.22E-09	1.54E+00	2.97E-02	0.00E+00	0.00E+00	1.93E-03	1.81E-01	2.71E+01	0.00E+00	5.20E-09	4.42E-08	2.11E-03	4.16E-05	7.17E+00	0.00E+00	2.71E+01	3.79E-07	2.71E+01	3.42E+01	7.17E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-02
MK087-32	1.01E-03	1.92E-01	1.30E-04	1.92E-01	0.00E+00	0.00E+00	3.61E-01	1.30E-07	1.20E-04	1.93E-03	0.00E+00	8.11E-03	2.42E-11	5.79E-10	2.73E-01	1.92E-03	0.00E+00	0.00E+00	8.65E-04	3.24E-02	4.87E+00	0.00E+00	9.24E-10	7.96E-09	3.79E-04	4.80E-06	7.07E-01	0.00E+00	4.87E+00	4.45E-08	4.87E+00	6.13E+00	7.07E-01	0.00E+00	0.00E+00	0.00E+00	3.71E-02
MK087-61	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
SN013	1.80E-04	3.52E-02	6.48E-05	3.51E-02	0.00E+00	0.00E+00	6.65E-02	9.27E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.06E-02	9.74E-04	0.00E+00	0.00E+00	6.34E-05	5.94E-03	8.88E-01	0.00E+00	1.71E-10	1.45E-09	6.91E-05	1.36E-06	2.35E-01	0.00E+00	8.88E-01	1.25E-08	8.88E-01	1.12E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
SN013QC	2.56E-04	5.00E-02	9.20E-05	4.99E-02	0.00E+00	0.00E+00	9.45E-02	1.32E-07	3.12E-05	5.01E-04	0.00E+00	2.19E-03	6.29E-12	1.50E-10	7.19E-02	1.38E-03	0.00E+00	0.00E+00	9.00E-05	8.45E-03	1.26E+00	0.00E+00	2.42E-10	2.06E-09	9.82E-05	1.94E-06	3.34E-01	0.00E+00	1.26E+00	1.77E-08	1.26E+00	1.60E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	3.83E-03
SN015	5.51E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.64E-07	6.25E-05	1.00E-03	0.00E+00	4.39E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.97E-04	3.88E-06	6.69E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.20E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	7.67E-03
SN015QC	5.78E-04	1.13E-01	2.08E-04	1.13E-01	0.00E+00	0.00E+00	2.13E-01	2.97E-07	7.04E-05	1.13E-03	0.00E+00	4.94E-03	1.42E-11	3.39E-10	1.62E-01	3.12E-03	0.00E+00	0.00E+00	2.03E-04	1.90E-02	2.85E+00	0.00E+00	5.47E-10	4.65E-09	2.22E-04	4.37E-06	7.53E-01	0.00E+00	2.85E+00	3.99E-08	2.85E+00	3.60E+00	7.53E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-03
SN016	3.11E-04	6.06E-02	1.12E-04	6.05E-02	0.00E+00	0.00E+00	1.15E-01	1.60E-07	3.78E-05	6.08E-04	0.00E+00	2.66E-03	7.62E-12	1.82E-10	8.72E-02	1.68E-03	0.00E+00	0.00E+00	1.09E-04	1.02E-02	1.53E+00	0.00E+00	2.94E-10	2.50E-09	1.19E-04	2.35E-06	4.05E-01	0.00E+00	1.53E+00	2.14E-08	1.53E+00	1.94E+00	4.05E-01	0.00E+00	0.00E+00	0.00E+00	4.64E-03
SN016P	3.10E-04	6.06E-02	1.12E-04	6.05E-02	0.00E+00	0.00E+00	1.14E-01	1.60E-07	3.78E-05	6.08E-04	0.00E+00	2.66E-03	7.62E-12	1.82E-10	8.71E-02	1.68E-03	0.00E+00	0.00E+00	1.09E-04	1.02E-02	1.53E+00	0.00E+00	2.94E-10	2.50E-09	1.19E-04	2.35E-06	4.05E-01	0.00E+00	1.53E+00	2.14E-08	1.53E+00	1.93E+00	4.05E-01	0.00E+00	0.00E+00	0.00E+00	4.64E-03
SN023	3.57E-04	6.48E-02	1.19E-04	6.47E-02	0.00E+00	0.00E+00	1.22E-01	1.71E-07	4.05E-05	6.50E-04	0.00E+00	2.84E-03	8.15E-12	1.95E-10	9.32E-02	1.79E-03	0.00E+00	0.00E+00	1.17E-04	1.09E-02	1.64E+00	0.00E+00	3.14E-10	2.67E-09	1.27E-04	2.51E-06	4.33E-01	0.00E+00	1.64E+00	2.29E-08	1.64E+00	2.07E+00	4.33E-01	0.00E+00	0.00E+00	0.00E+00	4.97E-03
SN023QC	4.80E-04	9.37E-02	1.73E-04	9.36E-02	0.00E+00	0.00E+00	1.77E-01	2.47E-07	5.85E-05	9.40E-04	0.00E+00	4.11E-03	1.18E-11	2.82E-10	1.35E-01	2.59E-03	0.00E+00	0.00E+00	1.69E-04	1.58E-02	2.37E+00	0.00E+00	4.54E-10	3.87E-09	1.84E-04	3.63E-06	6.26E-01	0.00E+00	2.37E+00	3.32E-08	2.37E+00	2.99E+00	6.26E-01	0.00E+00	0.00E+00	0.00E+00	7.18E-03
SN025	1.16E-03	2.11E-01	3.89E-04	2.11E-01	0.00E+00	0.00E+00	3.99E-01	5.56E-07	1.32E-04	2.12E-03	0.00E+00	9.26E-03	2.66E-11	6.34E-10	3.04E-01	5.84E-03	0.00E+00	0.00E+00	3.80E-04	3.57E-02	5.33E+00	0.00E+00	1.02E-09	8.71E-09	4.15E-04	8.18E-06	1.41E+00	0.00E+00	5.33E+00	7.47E-08	5.33E+00	6.74E+00	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02
SN025QC	1.17E-03	2.28E-01	4.19E-04	2.27E-01	0.00E+00	0.00E+00	4.30E-01	6.00E-07	1.42E-04	2.28E-03	0.00E+00	9.99E-03	2.87E-11	6.84E-10	3.28E-01	6.31E-03	0.00E+00	0.00E+00	4.10E-04	3.85E-02	5.75E+00	0.00E+00	1.10E-09	9.40E-09	4.48E-04	8.83E-06	1.52E+00	0.00E+00	5.75E+00	8.06E-08	5.75E+00	7.27E+00	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-02
SN116	7.28E-02	1.42E+01	2.61E-02	1.42E+01	0.00E+00	0.00E+00	2.68E+01	3.74E-05	8.86E-03	1.42E-01	0.00E+00	6.23E-01	1.79E-09	4.27E-08	2.04E+01	3.93E-01	0.00E+00	0.00E+00	2.56E-02	2.40E+00	3.58E+02	0.00E+00	6.88E-08	5.86E-07	2.79E-02	5.50E-04	9.49E+01	0.00E+00	3.58E+02	5.02E-06	3.58E+02	4.53E+02	9.49E+01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
SN116P	3.91E-04	7.48E-02	5.07E-05	7.46E-02	0.00E+00	0.00E+00	1.40E-01	5.06E-08	4.68E-05	7.51E-04	0.00E+00	3.15E-03	9.43E-12	2.25E-10	1.06E-01	7.47E-04	0.00E+00	0.00E+00	3.36E-04	1.26E-02	1.89E+00	0.00E+00	3.59E-10	3.10E-09	1.47E-04	1.87E-06	2.75E-01	0.00E+00	1.89E+00	1.73E-08	1.89E+00	2.39E+00	2.75E-01	0.00E+00	0.00E+00	0.00E+00	1.44E-02
SN216	2.94E-04	5.75E-02	1.06E-04	5.73E-02	0.00E+00	0.00E+00	1.09E-01	1.51E-07	3.59E-05	5.76E-04	0.00E+00	2.52E-03	7.22E-12	1.73E-10	8.26E-02	1.59E-03	0.00E+00	0.00E+00	1.03E-04	9.70E-03	1.45E+00	0.00E+00	2.78E-10	2.37E-09	1.13E-04	2.23E-06	3.84E-01	0.00E+00	1.45E+00	2.03E-08	1.45E+00	1.83E+00	3.84E-01	0.00E+00	0.00E+00	0.00E+00	4.40E-03
SN316	7.44E-05	1.42E-02	9.65E-06	1.42E-02	0.00E+00	0.00E+00	2.67E-02	9.64E-09	8.91E-06	1.43E-04	0.00E+00	6.01E-04	1.80E-12	4.29E-11	2.03E-02	1.42E-04	0.00E+00	0.00E+00	6.41E-05	2.40E-03	3.61E-01	0.00E+00	6.84E-11	5.90E-10	2.81E-05	3.56E-07	5.23E-02	0.00E+00	3.61E-01	3.30E-09	3.61E-01	4.54E-01	5.23E-02	0.00E+00	0.00E+00	0.00E+00	2.75E-03
SNO10DA	7.03E-04	1.28E-01	2.35E-04	1.28E-01	0.00E+00	0.00E+00	2.41E-01	3.37E-07	7.98E-05	1.28E-03	0.00E+00	5.60E-03	1.61E-11	3.84E-10	1.84E-01	3.54E-03	0.00E+00	0.00E+00	2.30E-04	2.16E-02	3.23E+00	0.00E+00	6.19E-10	5.27E-09	2.51E-04	4.95E-06	8.54E-01	0.00E+00	3.23E+00	4.52E-08	3.23E+00	4.08E+00	8.54E-01	0.00E+00	0.00E+00	0.00E+00	9.79E-03
SNO15DA	1.47E-03	2.67E-01	4.91E-04	2.66E-01	0.00E+00	0.00E+00	5.04E-01	7.02E-07	1.66E-04	2.67E-03	0.00E+00	1.17E-02	3.35E-11	8.01E-10	3.83E-01	7.38E-03	0.00E+00	0.00E+00	4.80E-04	4.50E-02	6.73E+00	0.00E+00	1.29E-09	1.10E-08	5.24E-04	1.03E-05	1.78E+00	0.00E+00	6.73E+00	9.44E-08	6.73E+00	8.52E+00	1.78E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-02
SNS016	4.52E-04	8.81E-02	1.62E-04	8.80E-02	0.00E+00	0.00E+00	1.66E-01	2.32E-07	5.50E-05	8.83E-04	0.00E+00	3.86E-03	1.11E-11	2.65E-10	1.27E-01	2.44E-03	0.00E+00	0.00E+00	1.59E-04	1.49E-02	2.22E+00	0.00E+00	4.27E-10	3.63E-09	1.73E-04	3.41E-06	5.89E-01	0.00E+00	2.22E+00	3.12E-08	2.22E+00	2.81E+00	5.89E-01	0.00E+00	0.00E+00	0.00E+00	6.75E-03
SNS216	4.52E-04	8.81E-02	1.62E-04	8.80E-02	0.00E+00	0.00E+00	1.66E-01	2.32E-07	5.50E-05	8.83E-04	0.00E+00	3.86E-03	1.11E-11	2.65E-10	1.27E-01	2.44E-03	0.00E+00	0.00E+00	1.59E-04	1.49E-02	2.22E+00	0.00E+00	4.27E-10	3.63E-09	1.73E-04	3.41E-06	5.89E-01	0.00E+00	2.22E+00	3.12E-08	2.22E+00	2.81E+00	5.89E-01	0.00E+00	0.00E+00	0.00E+00	6.75E-03
SNS316	3.29E-03	6.30E-01	4.27E-04	6.29E-01	0.00E+00	0.00E+00	1.18E+00	4.27E-07	3.94E-04	6.33E-03	0.00E+00	2.66E-02	7.95E-11	1.90E-09	8.96E-01	6.29E-03	0.00E+00	0.00E+00	2.84E-03	1.06E-01	1.60E+01	0.00E+00	3.03E-09	2.61E-08	1.24E-03	1.57E-05	2.32E+00	0.00E+00	1.60E+01	1.46E-07	1.60E+01	2.01E+01	2.32E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-01
WBHP1S	4.38E-04	7.97E-02	1.47E-04	7.95E-02	0.00E+00	0.00E+00	1.50E-01	2.10E-07	4.97E-05	7.99E-04	0.00E+00	3.49E-03	1.00E-11	2.39E-10	1.15E-01	2.20E-03	0.00E+00	0.00E+00	1.43E-04	1.35E-02	2.01E+00	0.00E+00	3.86E-10	3.29E-09	1.56E-04	3.09E-06	5.32E-01	0.00E+00	2.01E+00	2.82E-08	2.01E+00	2.54E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
WBHP2S	7.78E-04	1.52E-01	2.80E-04	1.52E-01	0.00E+00	0.00E+00	2.87E-01	4.00E-07	9.48E-05	1.52E-03	0.00E+00	6.66E-03	1.91E-11	4.56E-10	2.18E-01	4.20E-03	0.00E+00	0.00E+00	2.73E-04	2.57E-02	3.83E+00	0.00E+00	7.36E-10	6.27E-09	2.98E-04	5.89E-06	1.01E+00	0.00E+00	3.83E+00	5.37E-08	3.83E+00	4.85E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02
WBHP2S-MB	7.78E-04	1.52E-01	2.80E-04	1.52E-01	0.00E+00	0.00E+00	2.87E-01	4.00E-07	9.48E-05	1.52E-03	0.00E+00	6.66E-03	1.91E-11	4.56E-10	2.18E-01	4.20E-03	0.00E+00	0.00E+00	2.73E-04	2.57E-02	3.83E+00	0.00E+00	7.36E-10	6.27E-09	2.98E-04	5.89E-06	1.01E+00	0.00E+00	3.83E+00	5.37E-08	3.83E+00	4.85E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02
WBHP2S-MW	7.78E-04	1.52E-01	2.80E-04	1.52E-01	0.00E+00	0.00E+00	2.87E-01	4.00E-07	9.48E-05	1.52E-03	0.00E+00	6.66E-03	1.91E-11	4.56E-10	2.18E-01	4.20E-03	0.00E+00	0.00E+00	2.73E-04	2.57E-02	3.83E+00	0.00E+00	7.36E-10	6.27E-09	2.98E-04	5.89E-06	1.01E+00	0.00E+00	3.83E+00	5.37E-08	3.83E+00	4.85E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02
WBP1S	7.44E-05	1.42E-02	9.65E-06	1.42E-02	0.00E+00	0.00E+00	2.67E-02	9.64E-09	8.91E-06	1.43E-04	0.00E+00	6.01E-04	1.80E-12	4.29E-11	2.03E-02	1.42E-04	0.00E+00	0.00E+00	6.41E-05	2.40E-03	3.61E-01	0.00E+00	6.84E-11	5.90E-10	2.81E-05	3.56E-07	5.23E-02	0.00E+00	3.61E-01	3.30E-09	3.61E-01	4.54E-01	5.23E-02	0.00E+00	0.00E+00	0.00E+00	2.75E-03
WBP2S	6.45E-04	1.26E-01	2.32E-04	1.26E-01	0.00E+00	0.00E+00	2.38E-01	3.31E-07	7.85E-05	1.26E-03	0.00E+00	5.52E-03	1.58E-11	3.78E-10	1.81E-01	3.48E-03	0.00E+00	0.00E+00	2.27E-04	2.12E-02	3.18E+00	0.00E+00	6.10E-10	5.19E-09	2.47E-04	4.88E-06	8.41E-01	0.00E+00	3.18E+00	4.45E-08	3.18E+00	4.02E+00	8.41E-01	0.00E+00	0.00E+00	0.00E+00	9.64E-03
WBQP2S	6.92E-04	1.26E-01	2.32E-04	1.26E-01	0.00E+00	0.00E+00	2.38E-01	3.31E-07	7.85E-05	1.26E-03	0.00E+00	5.52E-03	1.58E-11	3.78E-10	1.81E-01	3.48E-03	0.00E+00	0.00E+00	2.27E-04	2.12E-02	3.18E+00	0.00E+00	6.10E-10	5.19E-09	2.47E-04	4.88E-06	8.41E-01	0.00E+00	3.18E+00	4.45E-08	3.18E+00	4.02E+00	8.41E-01	0.00E+00	0.00E+00	0.00E+00	9.64E-03
WBQP2S-MB	6.92E-04	1.26E-01	2.32E-04	1.26E-01	0.00E+00	0.00E+00	2.38E-01	3.31E-07	7.85E-05	1.26E-03	0.00E+00	5.52E-03	1.58E-11	3.78E-10	1.81E-01	3.48E-03	0.00E+00	0.00E+00	2.27E-04	2.12E-02	3.18E+00	0.00E+00	6.10E-10	5.19E-09	2.47E-04	4.88E-06	8.41E-01	0.00E+00	3.18E+00	4.45E-08	3.18E+00	4.02E+00	8.41E-01	0.00E+00	0.00E+00	0.00E+00	9.64E-03
WBQP2S-MW	6.92E-04	1.26E-01	2.32E-04	1.26E-01	0.00E+00	0.00E+00	2.38E-01	3.31E-07	7.85E-05	1.26E-03	0.00E+00	5.52E-03	1.58E-11	3.78E-10	1.81E-01	3.48E-03	0.00E+00	0.00E+00	2.27E-04	2.12E-02	3.18E+00	0.00E+00	6.10E-10	5.19E-09	2.47E-04	4.88E-06	8.41E-01	0.00E+00	3.18E+00	4.45E-08	3.18E+00	4.02E+00	8.41E-01	0.00E+00	0.00E+00	0.00E+00	9.64E-03
WBSP1S	4.46E-04	8.71E-02	1.60E-04	8.69E-02	0.00E+00	0.00E+00	1.64E-01	2.29E-07	5.43E-05	8.73E-04	0.00E+00	3.82E-03	1.09E-11	2.62E-10	1.25E-01	2.41E-03	0.00E+00	0.00E+00	1.57E-04	1.47E-02	2.20E+00	0.00E+00	4.22E-10	3.59E-09	1.71E-04	3.37E-06	5.82E-01	0.00E+00	2.20E+00	3.08E-08	2.20E+00	2.78E+00	5.82E-01	0.00E+00	0.00E+00	0.00E+00	6.67E-03
WBSP1S-MW	4.46E-04	8.71E-02	1.60E-04	8.69E-02	0.00E+00	0.00E+00	1.64E-01	2.29E-07	5.43E-05	8.73E-04	0.00E+00	3.82E-03	1.09E-11	2.62E-10	1.25E-01	2.41E-03	0.00E+00	0.00E+00	1.57E-04	1.47E-02	2.20E+00	0.00E+00	4.22E-10	3.59E-09	1.71E-04	3.37E-06	5.82E-01	0.00E+00	2.20E+00	3.08E-08	2.20E+00	2.78E+00	5.82E-01	0.00E+00	0.00E+00	0.00E+00	6.67E-03
WBSP2S	6.93E-04	1.26E-01	2.32E-04	1.26E-01	0.00E+00	0.00E+00	2.38E-01	3.32E-07	7.86E-05	1.26E-03	0.00E+00	5.52E-03	1.58E-11	3.78E-10	1.81E-01	3.49E-03	0.00E+00	0.00E+00	2.27E-04	2.13E-02	3.18E+00	0.00E+00	6.10E-10	5.20E-09	2.47E-04	4.88E-06	8.42E-01	0.00E+00	3.18E+00	4.46E-08	3.18E+00	4.02E+00	8.42E-01	0.00E+00	0.00E+00	0.00E+00	9.65E-03
WBSP2S-MB	6.93E-04	1.26E-01	2.32E-04	1.26E-01	0.00E+00	0.00E+00	2.38E-01	3.32E-07	7.86E-05	1.26E-03	0.00E+00	5.52E-03	1.58E-11	3.78E-10	1.81E-01	3.49E-03	0.00E+00	0.00E+00	2.27E-04	2.13E-02	3.18E+00	0.00E+00	6.10E-10	5.20E-09	2.47E-04	4.88E-06	8.42E-01	0.00E+00	3.18E+00	4.46E-08	3.18E+00	4.02E+00	8.42E-01	0.00E+00	0.00E+00	0.00E+00	9.65E-03
WBSP2S-MW	6.93E-04	1.26E-01	2.32E-04	1.26E-01	0.00E+00	0.00E+00	2.38E-01	3.32E-07	7.86E-05	1.26E-03	0.00E+00	5.52E-03	1.58E-11	3.78E-10	1.81E-01	3.49E-03	0.00E+00	0.00E+00	2.27E-04	2.13E-02	3.18E+00	0.00E+00	6.10E-10	5.20E-09	2.47E-04	4.88E-06	8.42E-01	0.00E+00	3.18E+00	4.46E-08	3.18E+00	4.02E+00	8.42E-01	0.00E+00	0.00E+00	0.00E+00	9.65E-03
WBWP115S	7.21E-04	1.41E-01	2.59E-04	1.40E-01	0.00E+00	0.00E+00	2.66E-01	3.70E-07	8.78E-05	1.41E-03	0.00E+00	6.16E-03	1.77E-11	4.22E-10	2.02E-01	3.89E-03	0.00E+00	0.00E+00	2.53E-04	2.37E-02	3.55E+00	0.00E+00	6.82E-10	5.80E-09	2.76E-04	5.45E-06	9.39E-01	0.00E+00	3.55E+00	4.97E-08	3.55E+00	4.49E+00	9.39E-01	0.00E+00	0.00E+00	0.00E+00	1.08E-02
WBWP1S	4.93E-04	9.62E-02	1.77E-04	9.61E-02	0.00E+00	0.00E+00	1.82E-01	2.53E-07	6.01E-05	9.65E-04	0.00E+00	4.22E-03	1.21E-11	2.89E-10	1.38E-01	2.66E-03	0.00E+00	0.00E+00	1.73E-04	1.62E-02	2.43E+00	0.00E+00	4.66E-10	3.97E-09	1.89E-04	3.73E-06	6.43E-01	0.00E+00	2.43E+00	3.40E-08	2.43E+00	3.07E+00	6.43E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-03
WBWP2S	2.41E-03	4.71E-01	8.66E-04	4.70E-01	0.00E+00	0.00E+00	8.89E-01	1.24E-06	2.94E-04	4.72E-03	0.00E+00	2.06E-02	5.92E-11	1.41E-09	6.76E-01	1.30E-02	0.00E+00	0.00E+00	8.47E-04	7.95E-02	1.19E+01	0.00E+00	2.28E-09	1.94E-08	9.24E-04	1.82E-05	3.14E+00	0.00E+00	1.19E+01	1.66E-07	1.19E+01	1.50E+01	3.14E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-02
WBWP2SH	1.21E-03	2.35E-01	4.33E-04	2.35E-01	0.00E+00	0.00E+00	4.44E-01	6.19E-07	1.47E-04	2.36E-03	0.00E+00	1.03E-02	2.96E-11	7.07E-10	3.38E-01	6.51E-03	0.00E+00	0.00E+00	4.24E-04	3.97E-02	5.94E+00	0.00E+00	1.14E-09	9.70E-09	4.62E-04	9.12E-06	1.57E+00	0.00E+00	5.94E+00	8.32E-08	5.94E+00	7.51E+00	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02
WBWP2S-W	2.41E-03	4.71E-01	8.66E-04	4.70E-01	0.00E+00	0.00E+00	8.89E-01	1.24E-06	2.94E-04	4.72E-03	0.00E+00	2.06E-02	5.92E-11	1.41E-09	6.76E-01	1.30E-02	0.00E+00	0.00E+00	8.47E-04	7.95E-02	1.19E+01	0.00E+00	2.28E-09	1.94E-08	9.24E-04	1.82E-05	3.14E+00	0.00E+00	1.19E+01	1.66E-07	1.19E+01	1.50E+01	3.14E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-02
WE100	6.16E-04	1.18E-01	2.60E-03	1.15E-01	0.00E+00	0.00E+00	1.76E-01	2.82E-07	7.20E-05	1.16E-03	0.00E+00	3.25E-03	1.45E-11	3.45E-10	1.54E-01	3.12E-03	0.00E+00	0.00E+00	2.08E-04	1.77E-02	2.82E+00	0.00E+00	5.04E-10	4.82E-09	2.28E-04	4.18E-06	6.61E-01	0.00E+00	2.82E+00	3.81E-08	2.82E+00	3.48E+00	6.61E-01	0.00E+00	0.00E+00	0.00E+00	8.92E-03
WE100A	5.26E-04	1.03E-01	1.89E-04	1.02E-01	0.00E+00	0.00E+00	1.94E-01	2.70E-07	6.40E-05	1.03E-03	0.00E+00	4.50E-03	1.29E-11	3.08E-10	1.47E-01	2.84E-03	0.00E+00	0.00E+00	1.85E-04	1.73E-02	2.59E+00	0.00E+00	4.97E-10	4.23E-09	2.01E-04	3.97E-06	6.85E-01	0.00E+00	2.59E+00	3.63E-08	2.59E+00	3.27E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	7.86E-03
WE100G	6.16E-04	1.18E-01	2.60E-03	1.15E-01	0.00E+00	0.00E+00	1.76E-01	2.82E-07	7.20E-05	1.16E-03	0.00E+00	3.25E-03	1.45E-11	3.45E-10	1.54E-01	3.12E-03	0.00E+00	0.00E+00	2.08E-04	1.77E-02	2.82E+00	0.00E+00	5.04E-10	4.82E-09	2.28E-04	4.18E-06	6.61E-01	0.00E+00	2.82E+00	3.81E-08	2.82E+00	3.48E+00	6.61E-01	0.00E+00	0.00E+00	0.00E+00	8.92E-03
WE102	5.26E-04	1.03E-01	1.89E-04	1.02E-01	0.00E+00	0.00E+00	1.94E-01	2.70E-07	6.40E-05	1.03E-03	0.00E+00	4.50E-03	1.29E-11	3.08E-10	1.47E-01	2.84E-03	0.00E+00	0.00E+00	1.85E-04	1.73E-02	2.59E+00	0.00E+00	4.97E-10	4.23E-09	2.01E-04	3.97E-06	6.85E-01	0.00E+00	2.59E+00	3.63E-08	2.59E+00	3.27E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	7.86E-03
WE102A	5.26E-04	1.03E-01	1.89E-04	1.02E-01	0.00E+00	0.00E+00	1.94E-01	2.70E-07	6.40E-05	1.03E-03	0.00E+00	4.50E-03	1.29E-11	3.08E-10	1.47E-01	2.84E-03	0.00E+00	0.00E+00	1.85E-04	1.73E-02	2.59E+00	0.00E+00	4.97E-10	4.23E-09	2.01E-04	3.97E-06	6.85E-01	0.00E+00	2.59E+00	3.63E-08	2.59E+00	3.27E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	7.86E-03
WE102G	6.16E-04	1.18E-01	2.60E-03	1.15E-01	0.00E+00	0.00E+00	1.76E-01	2.82E-07	7.20E-05	1.16E-03	0.00E+00	3.25E-03	1.45E-11	3.45E-10	1.54E-01	3.12E-03	0.00E+00	0.00E+00	2.08E-04	1.77E-02	2.82E+00	0.00E+00	5.04E-10	4.82E-09	2.28E-04	4.18E-06	6.61E-01	0.00E+00	2.82E+00	3.81E-08	2.82E+00	3.48E+00	6.61E-01	0.00E+00	0.00E+00	0.00E+00	8.92E-03
WE104	5.08E-03	9.72E-01	6.59E-04	9.69E-01	0.00E+00	0.00E+00	1.82E+00	6.58E-07	6.08E-04	9.77E-03	0.00E+00	4.10E-02	1.23E-10	2.92E-09	1.38E+00	9.71E-03	0.00E+00	0.00E+00	4.37E-03	1.64E-01	2.46E+01	0.00E+00	4.67E-09	4.02E-08	1.92E-03	2.43E-05	3.57E+00	0.00E+00	2.46E+01	2.25E-07	2.46E+01	3.10E+01	3.57E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-01
WE106	5.26E-04	1.03E-01	1.89E-04	1.02E-01	0.00E+00	0.00E+00	1.94E-01	2.70E-07	6.40E-05	1.03E-03	0.00E+00	4.50E-03	1.29E-11	3.08E-10	1.47E-01	2.84E-03	0.00E+00	0.00E+00	1.85E-04	1.73E-02	2.59E+00	0.00E+00	4.97E-10	4.23E-09	2.01E-04	3.97E-06	6.85E-01	0.00E+00	2.59E+00	3.63E-08	2.59E+00	3.27E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	7.86E-03
WE106A	5.26E-04	1.03E-01	1.89E-04	1.02E-01	0.00E+00	0.00E+00	1.94E-01	2.70E-07	6.40E-05	1.03E-03	0.00E+00	4.50E-03	1.29E-11	3.08E-10	1.47E-01	2.84E-03	0.00E+00	0.00E+00	1.85E-04	1.73E-02	2.59E+00	0.00E+00	4.97E-10	4.23E-09	2.01E-04	3.97E-06	6.85E-01	0.00E+00	2.59E+00	3.63E-08	2.59E+00	3.27E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	7.86E-03
WE106G	5.26E-04	1.03E-01	1.89E-04	1.02E-01	0.00E+00	0.00E+00	1.94E-01	2.70E-07	6.40E-05	1.03E-03	0.00E+00	4.50E-03	1.29E-11	3.08E-10	1.47E-01	2.84E-03	0.00E+00	0.00E+00	1.85E-04	1.73E-02	2.59E+00	0.00E+00	4.97E-10	4.23E-09	2.01E-04	3.97E-06	6.85E-01	0.00E+00	2.59E+00	3.63E-08	2.59E+00	3.27E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	7.86E-03

WE122	1.27E-03	2.31E-01	4.24E-04	2.30E-01	0.00E+00	0.00E+00	4.35E-01	6.07E-07	1.44E-04	2.31E-03	0.00E+00	1.01E-02	2.90E-11	6.92E-10	3.31E-01	6.38E-03	0.00E+00	0.00E+00	4.15E-04	3.89E-02	5.82E+00	0.00E+00	1.12E-09	9.51E-09	4.53E-04	8.93E-06	1.54E+00	0.00E+00	5.82E+00	8.15E-08	5.82E+00	7.36E+00	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02
WE122A	1.27E-03	2.31E-01	4.24E-04	2.30E-01	0.00E+00	0.00E+00	4.35E-01	6.07E-07	1.44E-04	2.31E-03	0.00E+00	1.01E-02	2.90E-11	6.92E-10	3.31E-01	6.38E-03	0.00E+00	0.00E+00	4.15E-04	3.89E-02	5.82E+00	0.00E+00	1.12E-09	9.51E-09	4.53E-04	8.93E-06	1.54E+00	0.00E+00	5.82E+00	8.15E-08	5.82E+00	7.36E+00	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02
WE123	1.72E-03	3.12E-01	5.75E-04	3.12E-01	0.00E+00	0.00E+00	5.90E-01	8.22E-07	1.95E-04	3.13E-03	0.00E+00	1.37E-02	3.93E-11	9.38E-10	4.49E-01	8.64E-03	0.00E+00	0.00E+00	5.62E-04	5.27E-02	7.88E+00	0.00E+00	1.51E-09	1.29E-08	6.13E-04	1.21E-05	2.09E+00	0.00E+00	7.88E+00	1.10E-07	7.88E+00	9.97E+00	2.09E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-02
WE123A	1.72E-03	3.12E-01	5.75E-04	3.12E-01	0.00E+00	0.00E+00	5.90E-01	8.22E-07	1.95E-04	3.13E-03	0.00E+00	1.37E-02	3.93E-11	9.38E-10	4.49E-01	8.64E-03	0.00E+00	0.00E+00	5.62E-04	5.27E-02	7.88E+00	0.00E+00	1.51E-09	1.29E-08	6.13E-04	1.21E-05	2.09E+00	0.00E+00	7.88E+00	1.10E-07	7.88E+00	9.97E+00	2.09E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-02
WFCC50NBSB	2.29E-03	4.38E-01	2.97E-04	4.37E-01	0.00E+00	0.00E+00	8.22E-01	2.97E-07	2.74E-04	4.40E-03	0.00E+00	1.85E-02	5.52E-11	1.32E-09	6.23E-01	4.37E-03	0.00E+00	0.00E+00	1.97E-03	7.38E-02	1.11E+01	0.00E+00	2.10E-09	1.81E-08	8.63E-04	1.09E-05	1.61E+00	0.00E+00	1.11E+01	1.01E-07	1.11E+01	1.40E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-02
WFCC50NBSW	2.29E-03	4.38E-01	2.97E-04	4.37E-01	0.00E+00	0.00E+00	8.22E-01	2.97E-07	2.74E-04	4.40E-03	0.00E+00	1.85E-02	5.52E-11	1.32E-09	6.23E-01	4.37E-03	0.00E+00	0.00E+00	1.97E-03	7.38E-02	1.11E+01	0.00E+00	2.10E-09	1.81E-08	8.63E-04	1.09E-05	1.61E+00	0.00E+00	1.11E+01	1.01E-07	1.11E+01	1.40E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-02
WFS51BSB	2.29E-03	4.38E-01	2.97E-04	4.37E-01	0.00E+00	0.00E+00	8.22E-01	2.97E-07	2.74E-04	4.40E-03	0.00E+00	1.85E-02	5.52E-11	1.32E-09	6.23E-01	4.37E-03	0.00E+00	0.00E+00	1.97E-03	7.38E-02	1.11E+01	0.00E+00	2.10E-09	1.81E-08	8.63E-04	1.09E-05	1.61E+00	0.00E+00	1.11E+01	1.01E-07	1.11E+01	1.40E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-02
WFS51BSW	2.29E-03	4.38E-01	2.97E-04	4.37E-01	0.00E+00	0.00E+00	8.22E-01	2.97E-07	2.74E-04	4.40E-03	0.00E+00	1.85E-02	5.52E-11	1.32E-09	6.23E-01	4.37E-03	0.00E+00	0.00E+00	1.97E-03	7.38E-02	1.11E+01	0.00E+00	2.10E-09	1.81E-08	8.63E-04	1.09E-05	1.61E+00	0.00E+00	1.11E+01	1.01E-07	1.11E+01	1.40E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-02
WFSS81BSB	2.35E-03	4.49E-01	3.04E-04	4.47E-01	0.00E+00	0.00E+00	8.42E-01	3.04E-07	2.81E-04	4.51E-03	0.00E+00	1.89E-02	5.66E-11	1.35E-09	6.38E-01	4.48E-03	0.00E+00	0.00E+00	2.02E-03	7.56E-02	1.14E+01	0.00E+00	2.16E-09	1.86E-08	8.84E-04	1.12E-05	1.65E+00	0.00E+00	1.14E+01	1.04E-07	1.14E+01	1.43E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
WFSS81BSW	2.35E-03	4.49E-01	3.04E-04	4.47E-01	0.00E+00	0.00E+00	8.42E-01	3.04E-07	2.81E-04	4.51E-03	0.00E+00	1.89E-02	5.66E-11	1.35E-09	6.38E-01	4.48E-03	0.00E+00	0.00E+00	2.02E-03	7.56E-02	1.14E+01	0.00E+00	2.16E-09	1.86E-08	8.84E-04	1.12E-05	1.65E+00	0.00E+00	1.14E+01	1.04E-07	1.14E+01	1.43E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
WFSS81PSW	2.35E-03	4.49E-01	3.04E-04	4.47E-01	0.00E+00	0.00E+00	8.42E-01	3.04E-07	2.81E-04	4.51E-03	0.00E+00	1.89E-02	5.66E-11	1.35E-09	6.38E-01	4.48E-03	0.00E+00	0.00E+00	2.02E-03	7.56E-02	1.14E+01	0.00E+00	2.16E-09	1.86E-08	8.84E-04	1.12E-05	1.65E+00	0.00E+00	1.14E+01	1.04E-07	1.14E+01	1.43E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
WFSS82BSB	2.35E-03	4.49E-01	3.04E-04	4.47E-01	0.00E+00	0.00E+00	8.42E-01	3.04E-07	2.81E-04	4.51E-03	0.00E+00	1.89E-02	5.66E-11	1.35E-09	6.38E-01	4.48E-03	0.00E+00	0.00E+00	2.02E-03	7.56E-02	1.14E+01	0.00E+00	2.16E-09	1.86E-08	8.84E-04	1.12E-05	1.65E+00	0.00E+00	1.14E+01	1.04E-07	1.14E+01	1.43E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
WFSS82BSW	2.35E-03	4.49E-01	3.04E-04	4.47E-01	0.00E+00	0.00E+00	8.42E-01	3.04E-07	2.81E-04	4.51E-03	0.00E+00	1.89E-02	5.66E-11	1.35E-09	6.38E-01	4.48E-03	0.00E+00	0.00E+00	2.02E-03	7.56E-02	1.14E+01	0.00E+00	2.16E-09	1.86E-08	8.84E-04	1.12E-05	1.65E+00	0.00E+00	1.14E+01	1.04E-07	1.14E+01	1.43E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
WFSS82PSB	2.35E-03	4.49E-01	3.04E-04	4.47E-01	0.00E+00	0.00E+00	8.42E-01	3.04E-07	2.81E-04	4.51E-03	0.00E+00	1.89E-02	5.66E-11	1.35E-09	6.38E-01	4.48E-03	0.00E+00	0.00E+00	2.02E-03	7.56E-02	1.14E+01	0.00E+00	2.16E-09	1.86E-08	8.84E-04	1.12E-05	1.65E+00	0.00E+00	1.14E+01	1.04E-07	1.14E+01	1.43E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
WFSS82PSW	2.35E-03	4.49E-01	3.04E-04	4.47E-01	0.00E+00	0.00E+00	8.42E-01	3.04E-07	2.81E-04	4.51E-03	0.00E+00	1.89E-02	5.66E-11	1.35E-09	6.38E-01	4.48E-03	0.00E+00	0.00E+00	2.02E-03	7.56E-02	1.14E+01	0.00E+00	2.16E-09	1.86E-08	8.84E-04	1.12E-05	1.65E+00	0.00E+00	1.14E+01	1.04E-07	1.14E+01	1.43E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
WGCS113S	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCS115S	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCS116EA	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCS116S	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCS216EA	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCS216UI	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCXS113SKB	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCXS115SNB	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCXS116EAKB	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCXS116EANB	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCXS116ISKB	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCXS116ISNB	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCXS116SKB	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCXS116SNB	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCXS216EAKB	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGCXS216EANB	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGDS110USIG	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS110USKB	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS113S	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS113SIG	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS113SNB	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS115S	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS115SEG	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS115SIG	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS115SKB	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS116EA	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS116EAEG	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS116EAIG	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS116EAKB	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS116EANB	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS116S	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS116SEG	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS116SIG	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS116SKB	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS116SNB	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS216IS	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS216ISEG	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS216ISIG	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS216ISKB	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGDS216ISNB	3.78E-02	7.24E+00	4.91E-03	7.22E+00	0.00E+00	0.00E+00	1.36E+01	4.90E-06	4.53E-03	7.27E-02	0.00E+00	3.05E-01	9.13E-10	2.18E-08	1.03E+01	7.23E-02	0.00E+00	0.00E+00	3.26E-02	1.22E+00	1.83E+02	0.00E+00	3.48E-08	3.00E-07	1.43E-02	1.81E-04	2.66E+01	0.00E+00	1.83E+02	1.68E-06	1.83E+02	2.31E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+00
WGMS110US	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS113S	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGMS113SAS	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGMS113SKB	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGMS115S	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS115SKB	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS116EA	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS116EAAS	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS116EAKB	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS116ISAS	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS116ISKB	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS116S	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS116SKB	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS213S	4.61E-02	8.81E+00	5.97E-03	8.79E+00	0.00E+00	0.00E+00	1.65E+01	5.97E-06	5.51E-03	8.86E-02	0.00E+00	3.72E-01	1.11E-09	2.65E-08	1.25E+01	8.80E-02	0.00E+00	0.00E+00	3.97E-02	1.48E+00	2.23E+02	0.00E+00	4.23E-08	3.65E-07	1.74E-02	2.20E-04	3.24E+01	0.00E+00	2.23E+02	2.04E-06	2.23E+02	2.81E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+00
WGMS216EA	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS216EAAS	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS216EAKB	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS216IS	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS216ISKB	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WGMS216UI	4.32E-02	8.27E+00	5.60E-03	8.25E+00	0.00E+00	0.00E+00	1.55E+01	5.60E-06	5.17E-03	8.31E-02	0.00E+00	3.49E-01	1.04E-09	2.49E-08	1.18E+01	8.26E-02	0.00E+00	0.00E+00	3.72E-02	1.39E+00	2.09E+02	0.00E+00	3.97E-08	3.42E-07	1.63E-02	2.07E-04	3.04E+01	0.00E+00	2.09E+02	1.91E-06	2.09E+02	2.64E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WH105853E	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH105853F	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH105854E	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH105952E	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH105952F	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH105962E	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH106007E	1.47E-03	2.87E-01	5.28E-04	2.86E-01	0.00E+00	0.00E+00	5.42E-01	7.55E-07	1.79E-04	2.88E-03	0.00E+00	1.26E-02	3.61E-11	8.62E-10	4.12E-01	7.94E-03	0.00E+00	0.00E+00	5.16E-04	4.84E-02	7.24E+00	0.00E+00	1.39E-09	1.18E-08	5.64E-04	1.11E-05	1.92E+00	0.00E+00	7.24E+00	1.01E-07	7.24E+00	9.16E+00	1.92E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH106253E	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH106257F	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH106453E	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03

WH106453F	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH106457E	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH106457F	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH11580100C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11580300A	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH11580300B	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11580300C	1.80E-04	3.52E-02	6.48E-05	3.51E-02	0.00E+00	0.00E+00	6.65E-02	9.27E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.06E-02	9.74E-04	0.00E+00	0.00E+00	6.34E-05	5.94E-03	8.88E-01	0.00E+00	1.71E-10	1.45E-09	6.91E-05	1.36E-06	2.35E-01	0.00E+00	8.88E-01	1.25E-08	8.88E-01	1.12E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH11580305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11580305B	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11580305C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11580306C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11585300A	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11585300B	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11585300C	3.32E-04	6.48E-02	1.19E-04	6.47E-02	0.00E+00	0.00E+00	1.22E-01	1.71E-07	4.05E-05	6.50E-04	0.00E+00	2.84E-03	8.15E-12	1.95E-10	9.32E-02	1.79E-03	0.00E+00	0.00E+00	1.17E-04	1.09E-02	1.64E+00	0.00E+00	3.14E-10	2.67E-09	1.27E-04	2.51E-06	4.33E-01	0.00E+00	1.64E+00	2.29E-08	1.64E+00	2.07E+00	4.33E-01	0.00E+00	0.00E+00	0.00E+00	4.97E-03
WH11585305A	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11585305B	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11585305C	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11585306A	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11585400A	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11585400C	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11592200A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11592200B	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11592200C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11592205A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11592205B	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11592205C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11593200A	8.75E-04	1.67E-01	1.13E-04	1.67E-01	0.00E+00	0.00E+00	3.14E-01	1.13E-07	1.05E-04	1.68E-03	0.00E+00	7.06E-03	2.11E-11	5.04E-10	2.38E-01	1.67E-03	0.00E+00	0.00E+00	7.53E-04	2.82E-02	4.24E+00	0.00E+00	8.04E-10	6.93E-09	3.30E-04	4.18E-06	6.15E-01	0.00E+00	4.24E+00	3.88E-08	4.24E+00	5.34E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
WH11593200B	8.75E-04	1.67E-01	1.13E-04	1.67E-01	0.00E+00	0.00E+00	3.14E-01	1.13E-07	1.05E-04	1.68E-03	0.00E+00	7.06E-03	2.11E-11	5.04E-10	2.38E-01	1.67E-03	0.00E+00	0.00E+00	7.53E-04	2.82E-02	4.24E+00	0.00E+00	8.04E-10	6.93E-09	3.30E-04	4.18E-06	6.15E-01	0.00E+00	4.24E+00	3.88E-08	4.24E+00	5.34E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
WH11593205C	8.75E-04	1.67E-01	1.13E-04	1.67E-01	0.00E+00	0.00E+00	3.14E-01	1.13E-07	1.05E-04	1.68E-03	0.00E+00	7.06E-03	2.11E-11	5.04E-10	2.38E-01	1.67E-03	0.00E+00	0.00E+00	7.53E-04	2.82E-02	4.24E+00	0.00E+00	8.04E-10	6.93E-09	3.30E-04	4.18E-06	6.15E-01	0.00E+00	4.24E+00	3.88E-08	4.24E+00	5.34E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
WH11593206C	8.75E-04	1.67E-01	1.13E-04	1.67E-01	0.00E+00	0.00E+00	3.14E-01	1.13E-07	1.05E-04	1.68E-03	0.00E+00	7.06E-03	2.11E-11	5.04E-10	2.38E-01	1.67E-03	0.00E+00	0.00E+00	7.53E-04	2.82E-02	4.24E+00	0.00E+00	8.04E-10	6.93E-09	3.30E-04	4.18E-06	6.15E-01	0.00E+00	4.24E+00	3.88E-08	4.24E+00	5.34E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
WH11595200A	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11595200B	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11595200C	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11595205A	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11595205C	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11596200A	5.78E-04	1.13E-01	2.08E-04	1.13E-01	0.00E+00	0.00E+00	2.13E-01	2.97E-07	7.04E-05	1.13E-03	0.00E+00	4.95E-03	1.42E-11	3.39E-10	1.62E-01	3.12E-03	0.00E+00	0.00E+00	2.03E-04	1.90E-02	2.85E+00	0.00E+00	5.47E-10	4.65E-09	2.22E-04	4.37E-06	7.54E-01	0.00E+00	2.85E+00	3.99E-08	2.85E+00	3.60E+00	7.54E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-03
WH11596200B	8.75E-04	1.67E-01	1.13E-04	1.67E-01	0.00E+00	0.00E+00	3.14E-01	1.13E-07	1.05E-04	1.68E-03	0.00E+00	7.06E-03	2.11E-11	5.04E-10	2.38E-01	1.67E-03	0.00E+00	0.00E+00	7.53E-04	2.82E-02	4.24E+00	0.00E+00	8.04E-10	6.93E-09	3.30E-04	4.18E-06	6.15E-01	0.00E+00	4.24E+00	3.88E-08	4.24E+00	5.34E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
WH11596200C	8.75E-04	1.67E-01	1.13E-04	1.67E-01	0.00E+00	0.00E+00	3.14E-01	1.13E-07	1.05E-04	1.68E-03	0.00E+00	7.06E-03	2.11E-11	5.04E-10	2.38E-01	1.67E-03	0.00E+00	0.00E+00	7.53E-04	2.82E-02	4.24E+00	0.00E+00	8.04E-10	6.93E-09	3.30E-04	4.18E-06	6.15E-01	0.00E+00	4.24E+00	3.88E-08	4.24E+00	5.34E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
WH11596205C	8.75E-04	1.67E-01	1.13E-04	1.67E-01	0.00E+00	0.00E+00	3.14E-01	1.13E-07	1.05E-04	1.68E-03	0.00E+00	7.06E-03	2.11E-11	5.04E-10	2.38E-01	1.67E-03	0.00E+00	0.00E+00	7.53E-04	2.82E-02	4.24E+00	0.00E+00	8.04E-10	6.93E-09	3.30E-04	4.18E-06	6.15E-01	0.00E+00	4.24E+00	3.88E-08	4.24E+00	5.34E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
WH11596206A	8.75E-04	1.67E-01	1.13E-04	1.67E-01	0.00E+00	0.00E+00	3.14E-01	1.13E-07	1.05E-04	1.68E-03	0.00E+00	7.06E-03	2.11E-11	5.04E-10	2.38E-01	1.67E-03	0.00E+00	0.00E+00	7.53E-04	2.82E-02	4.24E+00	0.00E+00	8.04E-10	6.93E-09	3.30E-04	4.18E-06	6.15E-01	0.00E+00	4.24E+00	3.88E-08	4.24E+00	5.34E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
WH11620300C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11620305C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11620700C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11622300A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11622300B	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11622300C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11622305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11622305B	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11622305C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11622700A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11622700B	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11622700C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11622705A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11622705C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11623306A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11625300A	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11625300B	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11625300C	4.46E-04	8.71E-02	1.60E-04	8.69E-02	0.00E+00	0.00E+00	1.64E-01	2.29E-07	5.43E-05	8.73E-04	0.00E+00	3.82E-03	1.09E-11	2.62E-10	1.25E-01	2.41E-03	0.00E+00	0.00E+00	1.57E-04	1.47E-02	2.20E+00	0.00E+00	4.22E-10	3.59E-09	1.71E-04	3.37E-06	5.82E-01	0.00E+00	2.20E+00	3.08E-08	2.20E+00	2.78E+00	5.82E-01	0.00E+00	0.00E+00	0.00E+00	6.67E-03
WH11625305A	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11625305C	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11625306B	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11625700A	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11625700B	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11625700C	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11625705A	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11640300C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11640305C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11640700C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11640705C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11642105A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11642300A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH11642300B	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11642300C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH11642305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11642305B	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11642305C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH11642306A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11642306C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11642700A	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH11642700B	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11642700C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH11642705A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11642705C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11643300A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11643300C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03

WH11643305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11643305C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11643306A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH11645300A	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11645300B	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11645300C	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11645305A	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11645305B	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11645305C	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11645306A	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11645700B	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11645700C	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11645705A	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH11645705C	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH12580300P	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH12580305P	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH12580306P	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH12585300P	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH12585306P	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH12620300P	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH12620305P	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH12620306P	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH12620700P	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH12620705P	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH12625300P	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH12625306P	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH12640300P	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH12640305P	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH12640700P	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH12640705P	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH12645300P	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH12645305P	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH12645306P	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH12645700P	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH14583300Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH14585400Q	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH14588300Q	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH14592200Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH14592205Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH14595200Q	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH14595205Q	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH14622300Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH14622305Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH14622306Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH14622700Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH14623300Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH14625300Q	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH14625305Q	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH14625700Q	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WH14642300Q	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH14642305Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH14642306Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH14642700Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH14914500Q	1.51E-03	2.88E-01	1.95E-04	2.88E-01	0.00E+00	0.00E+00	5.41E-01	1.95E-07	1.80E-04	2.90E-03	0.00E+00	1.22E-02	3.64E-11	8.68E-10	4.10E-01	2.88E-03	0.00E+00	0.00E+00	1.30E-03	4.86E-02	7.31E+00	0.00E+00	1.39E-09	1.19E-08	5.68E-04	7.21E-06	1.06E+00	0.00E+00	7.31E+00	6.68E-08	7.31E+00	9.20E+00	1.06E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-02
WH14916500Q	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH20580300A	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH20580300B	1.80E-04	3.52E-02	6.48E-05	3.51E-02	0.00E+00	0.00E+00	6.65E-02	9.27E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.06E-02	9.74E-04	0.00E+00	0.00E+00	6.34E-05	5.94E-03	8.88E-01	0.00E+00	1.71E-10	1.45E-09	6.91E-05	1.36E-06	2.35E-01	0.00E+00	8.88E-01	1.25E-08	8.88E-01	1.12E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH20580303A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20580303B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20580304A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20580304B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20580305A	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH20580305B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20580306A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20580306B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20580307A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20580307B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20580309A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20583300B	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH20583303B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20583306A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20583306B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20585300A	3.32E-04	6.48E-02	1.19E-04	6.47E-02	0.00E+00	0.00E+00	1.22E-01	1.71E-07	4.05E-05	6.50E-04	0.00E+00	2.84E-03	8.15E-12	1.95E-10	9.32E-02	1.79E-03	0.00E+00	0.00E+00	1.17E-04	1.09E-02	1.64E+00	0.00E+00	3.14E-10	2.67E-09	1.27E-04	2.51E-06	4.33E-01	0.00E+00	1.64E+00	2.29E-08	1.64E+00	2.07E+00	4.33E-01	0.00E+00	0.00E+00	0.00E+00	4.97E-03
WH20585300B	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH20585303A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20585303B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20585304A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20585305A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20585305B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20585306A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20585306B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20585307A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20585307B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20585309A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20585400A	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02

WH20585400B	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH20585403A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20585404A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20585404B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20585405A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20585405B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20588300B	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH20588303B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20588305B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20588306B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20592200A	5.51E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.64E-07	6.25E-05	1.00E-03	0.00E+00	4.39E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.97E-04	3.88E-06	6.69E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.20E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	7.67E-03
WH20592200B	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH20592203A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20592204A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20592204B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20592205A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20592207A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20592209A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20592209B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20593200A	5.78E-04	1.13E-01	2.08E-04	1.13E-01	0.00E+00	0.00E+00	2.13E-01	2.97E-07	7.04E-05	1.13E-03	0.00E+00	4.94E-03	1.42E-11	3.39E-10	1.62E-01	3.12E-03	0.00E+00	0.00E+00	2.03E-04	1.90E-02	2.85E+00	0.00E+00	5.47E-10	4.65E-09	2.22E-04	4.37E-06	7.53E-01	0.00E+00	2.85E+00	3.99E-08	2.85E+00	3.60E+00	7.53E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-03
WH20593203A	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH20593204A	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH20593205A	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH20593205B	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH20593207B	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH20593209B	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH20595200A	1.08E-03	2.11E-01	3.89E-04	2.11E-01	0.00E+00	0.00E+00	3.99E-01	5.56E-07	1.32E-04	2.12E-03	0.00E+00	9.26E-03	2.66E-11	6.34E-10	3.04E-01	5.84E-03	0.00E+00	0.00E+00	3.80E-04	3.57E-02	5.33E+00	0.00E+00	1.02E-09	8.71E-09	4.15E-04	8.18E-06	1.41E+00	0.00E+00	5.33E+00	7.47E-08	5.33E+00	6.74E+00	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02
WH20595200B	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH20595203A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20595203B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20595204A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20595205A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20595206A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20595206B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20595207A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20595209A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20596200A	1.17E-03	2.28E-01	4.19E-04	2.27E-01	0.00E+00	0.00E+00	4.30E-01	5.99E-07	1.42E-04	2.28E-03	0.00E+00	9.98E-03	2.86E-11	6.84E-10	3.27E-01	6.30E-03	0.00E+00	0.00E+00	4.10E-04	3.84E-02	5.75E+00	0.00E+00	1.10E-09	9.39E-09	4.47E-04	8.82E-06	1.52E+00	0.00E+00	5.75E+00	8.05E-08	5.75E+00	7.27E+00	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
WH20596204A	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH20596205A	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH20596205B	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH20596206A	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH20596207A	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH20600700A	1.47E-03	2.87E-01	5.28E-04	2.86E-01	0.00E+00	0.00E+00	5.42E-01	7.55E-07	1.79E-04	2.88E-03	0.00E+00	1.26E-02	3.61E-11	8.62E-10	4.12E-01	7.94E-03	0.00E+00	0.00E+00	5.16E-04	4.84E-02	7.24E+00	0.00E+00	1.39E-09	1.18E-08	5.64E-04	1.11E-05	1.92E+00	0.00E+00	7.24E+00	1.01E-07	7.24E+00	9.16E+00	1.92E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH20620100A	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH20620107A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620300A	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH20620300B	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH20620303A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620303B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620304A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620304B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620305A	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH20620305B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620306A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620306B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620307A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620309A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620309B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620700A	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH20620700B	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH20620703A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620704A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620705A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620705B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620707A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20620709A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20623305B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20623306B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20625300A	4.46E-04	8.71E-02	1.60E-04	8.69E-02	0.00E+00	0.00E+00	1.64E-01	2.29E-07	5.43E-05	8.73E-04	0.00E+00	3.82E-03	1.09E-11	2.62E-10	1.25E-01	2.41E-03	0.00E+00	0.00E+00	1.57E-04	1.47E-02	2.20E+00	0.00E+00	4.22E-10	3.59E-09	1.71E-04	3.37E-06	5.82E-01	0.00E+00	2.20E+00	3.08E-08	2.20E+00	2.78E+00	5.82E-01	0.00E+00	0.00E+00	0.00E+00	6.67E-03
WH20625300B	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH20625303A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20625303B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20625304A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20625305A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20625305B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20625306A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20625306B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20625307A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20625309A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20625700A	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH20625700B	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH20625704A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20625705A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20625705B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20625709B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03

WH20640100A	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH20640107A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640300A	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH20640300B	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH20640303A	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH20640303B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640304A	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH20640304B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640305A	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH20640305B	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH20640306A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640306B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640307A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640307B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640309A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640309B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640700A	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH20640700B	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH20640703A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640703B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640704A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640704B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640705A	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH20640705B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640707A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640707B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640709A	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20640709B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20643300B	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH20643303B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20643305B	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH20645300A	5.98E-04	1.17E-01	2.15E-04	1.16E-01	0.00E+00	0.00E+00	2.20E-01	3.07E-07	7.28E-05	1.17E-03	0.00E+00	5.11E-03	1.47E-11	3.50E-10	1.68E-01	3.23E-03	0.00E+00	0.00E+00	2.10E-04	1.97E-02	2.94E+00	0.00E+00	5.65E-10	4.81E-09	2.29E-04	4.52E-06	7.79E-01	0.00E+00	2.94E+00	4.13E-08	2.94E+00	3.72E+00	7.79E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH20645300B	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH20645303A	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH20645303B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20645304A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20645304B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20645305A	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH20645305B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20645306A	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH20645306B	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH20645307A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20645307B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20645309A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20645700A	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH20645700B	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH20645704A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20645705A	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20645705B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20648305B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20648306B	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH20750100A	5.96E-04	1.16E-01	2.14E-04	1.16E-01	0.00E+00	0.00E+00	2.20E-01	3.06E-07	7.26E-05	1.17E-03	0.00E+00	5.10E-03	1.46E-11	3.49E-10	1.67E-01	3.22E-03	0.00E+00	0.00E+00	2.09E-04	1.96E-02	2.94E+00	0.00E+00	5.64E-10	4.80E-09	2.28E-04	4.51E-06	7.77E-01	0.00E+00	2.94E+00	4.11E-08	2.94E+00	3.71E+00	7.77E-01	0.00E+00	0.00E+00	0.00E+00	8.91E-03
WH20750100B	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WH20750105A	6.40E-04	1.16E-01	2.14E-04	1.16E-01	0.00E+00	0.00E+00	2.20E-01	3.06E-07	7.26E-05	1.17E-03	0.00E+00	5.10E-03	1.46E-11	3.49E-10	1.67E-01	3.22E-03	0.00E+00	0.00E+00	2.09E-04	1.96E-02	2.94E+00	0.00E+00	5.64E-10	4.80E-09	2.28E-04	4.51E-06	7.77E-01	0.00E+00	2.94E+00	4.11E-08	2.94E+00	3.71E+00	7.77E-01	0.00E+00	0.00E+00	0.00E+00	8.91E-03
WH20750105B	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WH20750205A	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WH22580000T	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH22580003T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH22580005T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH22580006T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH22582000T	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH22582003T	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH22582005T	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH22582006T	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH22582700T	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH22582703T	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH22582706T	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH22592000T	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH22592003T	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH22592005T	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH22640000T	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH22640003T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH22640005T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH22640006T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH22645300T	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH22645303T	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH22645305T	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH22645306T	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH226801K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226801T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226801TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226802K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226802T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226802TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226803K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02

WH226803T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226803TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226811K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226811T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226811TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226812K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226812T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226812TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226813K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226813T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH226813TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH22690000T	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH22690003T	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH227101K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227101T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227101TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227102K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227102T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227102TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227103K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227103T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227103TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227111K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227111T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227111TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227112K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227112T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227112TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227113K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227113T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227113TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227301K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227301T	1.20E-03	2.28E-01	5.04E-03	2.23E-01	0.00E+00	0.00E+00	3.42E-01	5.47E-07	1.40E-04	2.24E-03	0.00E+00	6.30E-03	2.82E-11	6.69E-10	2.99E-01	6.06E-03	0.00E+00	0.00E+00	4.05E-04	3.44E-02	5.48E+00	0.00E+00	9.78E-10	9.36E-09	4.43E-04	8.11E-06	1.28E+00	0.00E+00	5.48E+00	7.40E-08	5.48E+00	6.76E+00	1.28E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
WH227301TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227302K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227302T	1.02E-03	1.99E-01	3.66E-04	1.99E-01	0.00E+00	0.00E+00	3.76E-01	5.24E-07	1.24E-04	2.00E-03	0.00E+00	8.73E-03	2.50E-11	5.98E-10	2.86E-01	5.51E-03	0.00E+00	0.00E+00	3.58E-04	3.36E-02	5.03E+00	0.00E+00	9.65E-10	8.21E-09	3.91E-04	7.72E-06	1.33E+00	0.00E+00	5.03E+00	7.04E-08	5.03E+00	6.36E+00	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02
WH227302TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227303K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227303T	1.02E-03	1.99E-01	3.66E-04	1.99E-01	0.00E+00	0.00E+00	3.76E-01	5.24E-07	1.24E-04	2.00E-03	0.00E+00	8.73E-03	2.50E-11	5.98E-10	2.86E-01	5.51E-03	0.00E+00	0.00E+00	3.58E-04	3.36E-02	5.03E+00	0.00E+00	9.65E-10	8.21E-09	3.91E-04	7.72E-06	1.33E+00	0.00E+00	5.03E+00	7.04E-08	5.03E+00	6.36E+00	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02
WH227303TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227311K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227311T	1.02E-03	1.99E-01	3.66E-04	1.99E-01	0.00E+00	0.00E+00	3.76E-01	5.24E-07	1.24E-04	2.00E-03	0.00E+00	8.73E-03	2.50E-11	5.98E-10	2.86E-01	5.51E-03	0.00E+00	0.00E+00	3.59E-04	3.36E-02	5.03E+00	0.00E+00	9.65E-10	8.21E-09	3.91E-04	7.72E-06	1.33E+00	0.00E+00	5.03E+00	7.04E-08	5.03E+00	6.36E+00	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02
WH227311TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227312K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227312T	1.02E-03	1.99E-01	3.66E-04	1.99E-01	0.00E+00	0.00E+00	3.76E-01	5.24E-07	1.24E-04	2.00E-03	0.00E+00	8.73E-03	2.50E-11	5.98E-10	2.86E-01	5.51E-03	0.00E+00	0.00E+00	3.59E-04	3.36E-02	5.03E+00	0.00E+00	9.65E-10	8.21E-09	3.91E-04	7.72E-06	1.33E+00	0.00E+00	5.03E+00	7.04E-08	5.03E+00	6.36E+00	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02
WH227312TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227313K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH227313T	1.02E-03	1.99E-01	3.66E-04	1.99E-01	0.00E+00	0.00E+00	3.76E-01	5.24E-07	1.24E-04	2.00E-03	0.00E+00	8.73E-03	2.50E-11	5.98E-10	2.86E-01	5.51E-03	0.00E+00	0.00E+00	3.58E-04	3.36E-02	5.03E+00	0.00E+00	9.65E-10	8.21E-09	3.91E-04	7.72E-06	1.33E+00	0.00E+00	5.03E+00	7.04E-08	5.03E+00	6.36E+00	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02
WH227313TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH22790000T	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH22790003T	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH22892000T	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH22892003T	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH22892005T	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH228921K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH228921T	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH228921TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH228924K	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH228924T	1.53E-03	2.99E-01	5.50E-04	2.98E-01	0.00E+00	0.00E+00	5.65E-01	7.87E-07	1.87E-04	3.00E-03	0.00E+00	1.31E-02	3.76E-11	8.98E-10	4.30E-01	8.27E-03	0.00E+00	0.00E+00	5.38E-04	5.05E-02	7.54E+00	0.00E+00	1.45E-09	1.23E-08	5.87E-04	1.16E-05	2.00E+00	0.00E+00	7.54E+00	1.06E-07	7.54E+00	9.54E+00	2.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-02
WH228924TG	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH23580300Q	1.80E-04	3.52E-02	6.48E-05	3.51E-02	0.00E+00	0.00E+00	6.65E-02	9.27E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.06E-02	9.74E-04	0.00E+00	0.00E+00	6.34E-05	5.94E-03	8.88E-01	0.00E+00	1.71E-10	1.45E-09	6.91E-05	1.36E-06	2.35E-01	0.00E+00	8.88E-01	1.25E-08	8.88E-01	1.12E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH23585300Q	3.32E-04	6.48E-02	1.19E-04	6.47E-02	0.00E+00	0.00E+00	1.22E-01	1.71E-07	4.05E-05	6.50E-04	0.00E+00	2.84E-03	8.15E-12	1.95E-10	9.32E-02	1.79E-03	0.00E+00	0.00E+00	1.17E-04	1.09E-02	1.64E+00	0.00E+00	3.14E-10	2.67E-09	1.27E-04	2.51E-06	4.33E-01	0.00E+00	1.64E+00	2.29E-08	1.64E+00	2.07E+00	4.33E-01	0.00E+00	0.00E+00	0.00E+00	4.97E-03
WH23585303Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23585304Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23585305Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23585306Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23585307Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23585400Q	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH23585403Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23585405Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23585406Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23592200Q	5.13E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.64E-07	6.25E-05	1.00E-03	0.00E+00	4.39E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.97E-04	3.88E-06	6.69E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.20E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	7.67E-03
WH23592203Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23592204Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23592205Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23592206Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23593200Q	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH23593203Q	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH23593205Q	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH23593206Q	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH23595200Q	5.13E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.64E-07	6.25E-05	1.00E-03	0.00E+00	4.39E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.97E-04	3.88E-06	6.69E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.20E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	7.67E-03
WH23595203Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23595204Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23595205Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23595206Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03

WH23596200Q	5.78E-04	1.13E-01	2.08E-04	1.13E-01	0.00E+00	0.00E+00	2.13E-01	2.97E-07	7.04E-05	1.13E-03	0.00E+00	4.94E-03	1.42E-11	3.39E-10	1.62E-01	3.12E-03	0.00E+00	0.00E+00	2.03E-04	1.90E-02	2.85E+00	0.00E+00	5.47E-10	4.65E-09	2.22E-04	4.37E-06	7.53E-01	0.00E+00	2.85E+00	3.99E-08	2.85E+00	3.60E+00	7.53E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-03
WH23596203Q	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH23596204Q	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH23596205Q	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH23596206Q	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH23596209Q	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH23600700Q	1.47E-03	2.87E-01	5.28E-04	2.86E-01	0.00E+00	0.00E+00	5.42E-01	7.55E-07	1.79E-04	2.88E-03	0.00E+00	1.26E-02	3.61E-11	8.62E-10	4.12E-01	7.94E-03	0.00E+00	0.00E+00	5.16E-04	4.84E-02	7.24E+00	0.00E+00	1.39E-09	1.18E-08	5.64E-04	1.11E-05	1.92E+00	0.00E+00	7.24E+00	1.01E-07	7.24E+00	9.16E+00	1.92E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH23620300Q	2.18E-04	4.26E-02	7.84E-05	4.25E-02	0.00E+00	0.00E+00	8.05E-02	1.12E-07	2.66E-05	4.27E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.67E-05	7.19E-03	1.08E+00	0.00E+00	2.06E-10	1.76E-09	8.37E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.26E-03
WH23620303Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23620304Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23620305Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23620306Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23620307Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23620309Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23620700Q	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH23620703Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23620705Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23620709Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23623300Q	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH23623303Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23623304Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23623309Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23625300Q	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH23625303Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23625304Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23625305Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23625306Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23625309Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23625700Q	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH23625704Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23628300Q	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH23628307Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23640300Q	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH23640303Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23640304Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23640305Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23640306Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23640307Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23640309Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23640700Q	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH23640703Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23640704Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23640705Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23640707Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23640709Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23643300Q	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH23643304Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23643305Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23643309Q	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH23645300Q	5.98E-04	1.17E-01	2.15E-04	1.17E-01	0.00E+00	0.00E+00	2.20E-01	3.07E-07	7.28E-05	1.17E-03	0.00E+00	5.12E-03	1.47E-11	3.51E-10	1.68E-01	3.23E-03	0.00E+00	0.00E+00	2.10E-04	1.97E-02	2.95E+00	0.00E+00	5.66E-10	4.81E-09	2.29E-04	4.52E-06	7.80E-01	0.00E+00	2.95E+00	4.13E-08	2.95E+00	3.73E+00	7.80E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH23645303Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23645304Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23645305Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23645306Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23645309Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23645700Q	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH23645703Q	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH23648300Q	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH23750100Q	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WH23750105Q	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WH25580300C	1.80E-04	3.52E-02	6.48E-05	3.51E-02	0.00E+00	0.00E+00	6.65E-02	9.27E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.06E-02	9.74E-04	0.00E+00	0.00E+00	6.34E-05	5.94E-03	8.88E-01	0.00E+00	1.71E-10	1.45E-09	6.91E-05	1.36E-06	2.35E-01	0.00E+00	8.88E-01	1.25E-08	8.88E-01	1.12E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH25580303C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25580304C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25580305C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25580306C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25580307C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25580309C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25583300C	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH25583303C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25583304C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25583305C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25583306C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25585300C	3.32E-04	6.48E-02	1.19E-04	6.47E-02	0.00E+00	0.00E+00	1.22E-01	1.71E-07	4.05E-05	6.50E-04	0.00E+00	2.84E-03	8.15E-12	1.95E-10	9.32E-02	1.79E-03	0.00E+00	0.00E+00	1.17E-04	1.09E-02	1.64E+00	0.00E+00	3.14E-10	2.67E-09	1.27E-04	2.51E-06	4.33E-01	0.00E+00	1.64E+00	2.29E-08	1.64E+00	2.07E+00	4.33E-01	0.00E+00	0.00E+00	0.00E+00	4.97E-03
WH25585303C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25585304C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25585305C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25585306C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25585307C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25585309C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25585400C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH25585403C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25585405C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25585409C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25588300C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH25588304C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03

WH25588305C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25592200C	5.13E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.63E-07	6.24E-05	1.00E-03	0.00E+00	4.38E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.96E-04	3.88E-06	6.68E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.19E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH25592203C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25592204C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25592205C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25592207C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25592209C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25593200C	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH25593204C	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH25593205C	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH25593209C	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH25595200C	5.13E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.63E-07	6.24E-05	1.00E-03	0.00E+00	4.38E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.96E-04	3.88E-06	6.68E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.19E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH25595203C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25595204C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25595205C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25595206C	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH25595207C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25595209C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25596200C	5.78E-04	1.13E-01	2.08E-04	1.13E-01	0.00E+00	0.00E+00	2.13E-01	2.97E-07	7.04E-05	1.13E-03	0.00E+00	4.95E-03	1.42E-11	3.39E-10	1.62E-01	3.12E-03	0.00E+00	0.00E+00	2.03E-04	1.90E-02	2.85E+00	0.00E+00	5.47E-10	4.65E-09	2.22E-04	4.37E-06	7.54E-01	0.00E+00	2.85E+00	3.99E-08	2.85E+00	3.60E+00	7.54E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-03
WH25596205C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH25596207C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH25596209C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH25620300C	2.18E-04	4.26E-02	7.84E-05	4.25E-02	0.00E+00	0.00E+00	8.05E-02	1.12E-07	2.66E-05	4.27E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.67E-05	7.19E-03	1.08E+00	0.00E+00	2.06E-10	1.76E-09	8.37E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.26E-03
WH25620303C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25620304C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25620307C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25620309C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25620700C	2.18E-04	4.26E-02	7.84E-05	4.25E-02	0.00E+00	0.00E+00	8.05E-02	1.12E-07	2.66E-05	4.27E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.67E-05	7.19E-03	1.08E+00	0.00E+00	2.06E-10	1.76E-09	8.37E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.26E-03
WH25620703C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25620704C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25620705C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25620707C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25623300C	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH25623305C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25623306C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25625300C	4.46E-04	8.71E-02	1.60E-04	8.69E-02	0.00E+00	0.00E+00	1.64E-01	2.29E-07	5.43E-05	8.73E-04	0.00E+00	3.82E-03	1.09E-11	2.62E-10	1.25E-01	2.41E-03	0.00E+00	0.00E+00	1.57E-04	1.47E-02	2.20E+00	0.00E+00	4.22E-10	3.59E-09	1.71E-04	3.37E-06	5.82E-01	0.00E+00	2.20E+00	3.08E-08	2.20E+00	2.78E+00	5.82E-01	0.00E+00	0.00E+00	0.00E+00	6.67E-03
WH25625303C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25625304C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25625305C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25625306C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25625307C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25625309C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25625700C	4.46E-04	8.71E-02	1.60E-04	8.69E-02	0.00E+00	0.00E+00	1.64E-01	2.29E-07	5.43E-05	8.73E-04	0.00E+00	3.82E-03	1.09E-11	2.62E-10	1.25E-01	2.41E-03	0.00E+00	0.00E+00	1.57E-04	1.47E-02	2.20E+00	0.00E+00	4.22E-10	3.59E-09	1.71E-04	3.37E-06	5.82E-01	0.00E+00	2.20E+00	3.08E-08	2.20E+00	2.78E+00	5.82E-01	0.00E+00	0.00E+00	0.00E+00	6.67E-03
WH25628300C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH25628306C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25640300C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH25640303C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH25640304C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH25640305C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH25640306C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25640307C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25640309C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25640700C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH25640703C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25640704C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25640705C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH25640707C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25640709C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25643300C	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH25643303C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25643305C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25643306C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH25645300C	5.98E-04	1.17E-01	2.15E-04	1.17E-01	0.00E+00	0.00E+00	2.20E-01	3.07E-07	7.28E-05	1.17E-03	0.00E+00	5.12E-03	1.47E-11	3.51E-10	1.68E-01	3.23E-03	0.00E+00	0.00E+00	2.10E-04	1.97E-02	2.95E+00	0.00E+00	5.66E-10	4.81E-09	2.29E-04	4.52E-06	7.80E-01	0.00E+00	2.95E+00	4.13E-08	2.95E+00	3.73E+00	7.80E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH25645303C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25645304C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25645305C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH25645306C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25645307C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25645309C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25645700C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH25645705C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25645707C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25648305C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH25750100C	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WH25750105C	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WH25750205C	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WH25915600C	6.64E-04	1.30E-01	2.39E-04	1.29E-01	0.00E+00	0.00E+00	2.45E-01	3.41E-07	8.09E-05	1.30E-03	0.00E+00	5.68E-03	1.63E-11	3.90E-10	1.86E-01	3.59E-03	0.00E+00	0.00E+00	2.33E-04	2.19E-02	3.27E+00	0.00E+00	6.28E-10	5.35E-09	2.55E-04	5.02E-06	8.66E-01	0.00E+00	3.27E+00	4.59E-08	3.27E+00	4.14E+00	8.66E-01	0.00E+00	0.00E+00	0.00E+00	9.93E-03
WH25915603C	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH25915605C	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH25915700C	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH25915800C	2.16E-03	4.22E-01	7.77E-04	4.22E-01	0.00E+00	0.00E+00	7.98E-01	1.11E-06	2.64E-04	4.23E-03	0.00E+00	1.85E-02	5.31E-11	1.27E-09	6.07E-01	1.17E-02	0.00E+00	0.00E+00	7.60E-04	7.13E-02	1.07E+01	0.00E+00	2.05E-09	1.74E-08	8.29E-04	1.64E-05	2.82E+00	0.00E+00	1.07E+01	1.49E-07	1.07E+01	1.35E+01	2.82E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-02
WH25915803C	9.73E-03	1.86E+00	1.26E-03	1.86E+00	0.00E+00	0.00E+00	3.49E+00	1.26E-06	1.17E-03	1.87E-02	0.00E+00	7.85E-02	2.35E-10	5.60E-09	2.65E+00	1.86E-02	0.00E+00	0.00E+00	8.38E-03	3.14E-01	4.72E+01	0.00E+00	8.95E-09	7.71E-08	3.67E-03	4.65E-05	6.84E+00	0.00E+00	4.72E+01	4.31E-07	4.72E+01	5.94E+01	6.84E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-01
WH25915804C	9.73E-03	1.86E+00	1.26E-03	1.86E+00	0.00E+00	0.00E+00	3.49E+00	1.26E-06	1.17E-03	1.87E-02	0.00E+00	7.85E-02	2.35E-10	5.60E-09	2.65E+00	1.86E-02	0.00E+00	0.00E+00	8.38E-03	3.14E-01	4.72E+01	0.00E+00	8.95E-09	7.71E-08	3.67E-03	4.65E-05	6.84E+00	0.00E+00	4.72E+01	4.31E-07	4.72E+01	5.94E+01	6.84E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-01
WH25915805C	9.73E-03	1.86E+00	1.26E-03	1.86E+00	0.00E+00	0.00E+00	3.49E+00	1.26E-06	1.17E-03	1.87E-02	0.00E+00	7.85E-02	2.35E-10	5.60E-09	2.65E+00	1.86E-02	0.00E+00	0.00E+00	8.38E-03	3.14E-01	4.72E+01	0.00E+00	8.95E-09	7.71E-08	3.67E-03	4.65E-05	6.84E+00	0.00E+00	4.72E+01	4.31E-07	4.72E+01	5.94E+01	6.84E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-01
WH25916200C	1.10E-03	2.10E-01	1.42E-04	2.10E-01	0.00E+00	0.00E+00	3.94E-01	1.42E-07	1.31E-04	2.11E-03	0.00E+00	8.86E-03	2.65E-11	6.32E-10	2.99E-01	2.10E-03	0.00E+00	0.00E+00	9.45E-04	3.54E-02	5.32E+00	0.00E+00	1.01E-09	8.70E-09	4.14E-04	5.25E-06	7.72E-01	0.00E+00	5.32E+00	4.87E-08	5.32E+00	6.70E+00	7.72E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-02

WH25916203C	9.73E-03	1.86E+00	1.26E-03	1.86E+00	0.00E+00	0.00E+00	3.49E+00	1.26E-06	1.17E-03	1.87E-02	0.00E+00	7.85E-02	2.35E-10	5.60E-09	2.65E+00	1.86E-02	0.00E+00	0.00E+00	8.38E-03	3.14E-01	4.72E+01	0.00E+00	8.95E-09	7.71E-08	3.67E-03	4.65E-05	6.84E+00	0.00E+00	4.72E+01	4.31E-07	4.72E+01	5.94E+01	6.84E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-01
WH25916205C	9.73E-03	1.86E+00	1.26E-03	1.86E+00	0.00E+00	0.00E+00	3.49E+00	1.26E-06	1.17E-03	1.87E-02	0.00E+00	7.85E-02	2.35E-10	5.60E-09	2.65E+00	1.86E-02	0.00E+00	0.00E+00	8.38E-03	3.14E-01	4.72E+01	0.00E+00	8.95E-09	7.71E-08	3.67E-03	4.65E-05	6.84E+00	0.00E+00	4.72E+01	4.31E-07	4.72E+01	5.94E+01	6.84E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-01
WH25916300C	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH25916304C	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH25916305C	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH25917000C	1.10E-03	2.10E-01	1.42E-04	2.10E-01	0.00E+00	0.00E+00	3.94E-01	1.42E-07	1.31E-04	2.11E-03	0.00E+00	8.86E-03	2.65E-11	6.32E-10	2.99E-01	2.10E-03	0.00E+00	0.00E+00	9.45E-04	3.54E-02	5.32E+00	0.00E+00	1.01E-09	8.70E-09	4.14E-04	5.25E-06	7.72E-01	0.00E+00	5.32E+00	4.87E-08	5.32E+00	6.70E+00	7.72E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-02
WH25917003C	9.73E-03	1.86E+00	1.26E-03	1.86E+00	0.00E+00	0.00E+00	3.49E+00	1.26E-06	1.17E-03	1.87E-02	0.00E+00	7.85E-02	2.35E-10	5.60E-09	2.65E+00	1.86E-02	0.00E+00	0.00E+00	8.38E-03	3.14E-01	4.72E+01	0.00E+00	8.95E-09	7.71E-08	3.67E-03	4.65E-05	6.84E+00	0.00E+00	4.72E+01	4.31E-07	4.72E+01	5.94E+01	6.84E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-01
WH25917004C	9.73E-03	1.86E+00	1.26E-03	1.86E+00	0.00E+00	0.00E+00	3.49E+00	1.26E-06	1.17E-03	1.87E-02	0.00E+00	7.85E-02	2.35E-10	5.60E-09	2.65E+00	1.86E-02	0.00E+00	0.00E+00	8.38E-03	3.14E-01	4.72E+01	0.00E+00	8.95E-09	7.71E-08	3.67E-03	4.65E-05	6.84E+00	0.00E+00	4.72E+01	4.31E-07	4.72E+01	5.94E+01	6.84E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-01
WH25917700C	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH25917705C	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH25917803C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH25917804C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH25917805C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH26580300C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH26580303C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26580304C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26580305C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26580307C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26585300C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH26585303C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26585304C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26585305C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26585307C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26585400C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH26585405C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26592200C	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH26592205C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26593200C	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH26595200C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH26595205C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26595207C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26596200C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH26596203C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH26596207C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH26620300C	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH26620303C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26620304C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26620305C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26620307C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26620309C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26620700C	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH26620704C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26620705C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26623305C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26625300C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH26625303C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26625304C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26625305C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26625307C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26625700C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH26625709C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26640300C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH26640700C	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH26640703C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26640704C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26640705C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26640707C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26643305C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH26645300C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH26645303C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26645304C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26645305C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26645307C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26645700C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH26645704C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH26750100C	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WH26915600C	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH26915700C	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH26915800C	1.10E-03	2.10E-01	1.42E-04	2.10E-01	0.00E+00	0.00E+00	3.94E-01	1.42E-07	1.31E-04	2.11E-03	0.00E+00	8.86E-03	2.65E-11	6.32E-10	2.99E-01	2.10E-03	0.00E+00	0.00E+00	9.45E-04	3.54E-02	5.32E+00	0.00E+00	1.01E-09	8.70E-09	4.14E-04	5.25E-06	7.72E-01	0.00E+00	5.32E+00	4.87E-08	5.32E+00	6.70E+00	7.72E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-02
WH26916300C	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH26917000C	1.10E-03	2.10E-01	1.42E-04	2.10E-01	0.00E+00	0.00E+00	3.94E-01	1.42E-07	1.31E-04	2.11E-03	0.00E+00	8.86E-03	2.65E-11	6.32E-10	2.99E-01	2.10E-03	0.00E+00	0.00E+00	9.45E-04	3.54E-02	5.32E+00	0.00E+00	1.01E-09	8.70E-09	4.14E-04	5.25E-06	7.72E-01	0.00E+00	5.32E+00	4.87E-08	5.32E+00	6.70E+00	7.72E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-02
WH26917805C	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH27580300C	1.80E-04	3.52E-02	6.48E-05	3.51E-02	0.00E+00	0.00E+00	6.65E-02	9.27E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.06E-02	9.74E-04	0.00E+00	0.00E+00	6.34E-05	5.94E-03	8.88E-01	0.00E+00	1.71E-10	1.45E-09	6.91E-05	1.36E-06	2.35E-01	0.00E+00	8.88E-01	1.25E-08	8.88E-01	1.12E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH27580303C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27580304C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27580305C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27580306C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH27580307C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27580309C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27583305C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27583306C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH27583307C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27585300C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH27585303C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27585304C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03

WH27585305C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27585306C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH27585307C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27585309C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27585400C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH27585405C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27588306C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH27592200C	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH27592203C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27592204C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27592205C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27592209C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27593200C	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH27593203C	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH27593204C	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH27593205C	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH27593206C	5.78E-04	1.13E-01	2.08E-04	1.13E-01	0.00E+00	0.00E+00	2.13E-01	2.97E-07	7.04E-05	1.13E-03	0.00E+00	4.94E-03	1.42E-11	3.39E-10	1.62E-01	3.12E-03	0.00E+00	0.00E+00	2.03E-04	1.90E-02	2.85E+00	0.00E+00	5.47E-10	4.65E-09	2.22E-04	4.37E-06	7.53E-01	0.00E+00	2.85E+00	3.99E-08	2.85E+00	3.60E+00	7.53E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-03
WH27595200C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH27595203C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27595204C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27595205C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27595207C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27596203C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH27596204C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH27596205C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH27596206C	5.78E-04	1.13E-01	2.08E-04	1.13E-01	0.00E+00	0.00E+00	2.13E-01	2.97E-07	7.04E-05	1.13E-03	0.00E+00	4.94E-03	1.42E-11	3.39E-10	1.62E-01	3.12E-03	0.00E+00	0.00E+00	2.03E-04	1.90E-02	2.85E+00	0.00E+00	5.47E-10	4.65E-09	2.22E-04	4.37E-06	7.53E-01	0.00E+00	2.85E+00	3.99E-08	2.85E+00	3.60E+00	7.53E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-03
WH27620300C	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH27620303C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27620304C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27620305C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27620306C	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH27620307C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27620309C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27620700C	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH27620703C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27620704C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27620705C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27623300C	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH27623303C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27623305C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27623306C	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH27625300C	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH27625303C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27625304C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27625305C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27625306C	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH27625307C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27625309C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27625700C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH27625704C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27625705C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27628306C	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH27640300C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH27640303C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27640304C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27640305C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH27640306C	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH27640307C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27640309C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27640700C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH27640703C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27640704C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27640705C	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH27640707C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27640709C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27643300C	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WH27643304C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27643305C	3.16E-04	6.05E-02	4.10E-05	6.04E-02	0.00E+00	0.00E+00	1.14E-01	4.10E-08	3.79E-05	6.08E-04	0.00E+00	2.55E-03	7.63E-12	1.82E-10	8.61E-02	6.04E-04	0.00E+00	0.00E+00	2.72E-04	1.02E-02	1.53E+00	0.00E+00	2.91E-10	2.51E-09	1.19E-04	1.51E-06	2.22E-01	0.00E+00	1.53E+00	1.40E-08	1.53E+00	1.93E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WH27643306C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH27645300C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH27645303C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27645304C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27645305C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH27645306C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH27645307C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27645309C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27645700C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH27645705C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27648300C	5.21E-04	9.97E-02	6.76E-05	9.94E-02	0.00E+00	0.00E+00	1.87E-01	6.75E-08	6.24E-05	1.00E-03	0.00E+00	4.20E-03	1.26E-11	3.00E-10	1.42E-01	9.96E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-02	2.53E+00	0.00E+00	4.79E-10	4.13E-09	1.96E-04	2.49E-06	3.66E-01	0.00E+00	2.53E+00	2.31E-08	2.53E+00	3.18E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-02
WH27648304C	2.61E-04	4.98E-02	3.38E-05	4.97E-02	0.00E+00	0.00E+00	9.35E-02	3.38E-08	3.12E-05	5.01E-04	0.00E+00	2.10E-03	6.29E-12	1.50E-10	7.09E-02	4.98E-04	0.00E+00	0.00E+00	2.24E-04	8.40E-03	1.26E+00	0.00E+00	2.39E-10	2.06E-09	9.82E-05	1.25E-06	1.83E-01	0.00E+00	1.26E+00	1.15E-08	1.26E+00	1.59E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	9.63E-03
WH27648306C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH27750100C	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WH27750105C	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WH27750205C	4.47E-04	8.55E-02	5.79E-05	8.52E-02	0.00E+00	0.00E+00	1.60E-01	5.79E-08	5.35E-05	8.59E-04	0.00E+00	3.60E-03	1.08E-11	2.57E-10	1.22E-01	8.53E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-02	2.17E+00	0.00E+00	4.10E-10	3.54E-09	1.68E-04	2.13E-06	3.14E-01	0.00E+00	2.17E+00	1.98E-08	2.17E+00	2.73E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WH27915600C	6.64E-04	1.30E-01	2.39E-04	1.29E-01	0.00E+00	0.00E+00	2.45E-01	3.41E-07	8.09E-05	1.30E-03	0.00E+00	5.68E-03	1.63E-11	3.90E-10	1.86E-01	3.59E-03	0.00E+00	0.00E+00	2.33E-04	2.19E-02	3.27E+00	0.00E+00	6.28E-10	5.35E-09	2.55E-04	5.02E-06	8.66E-01	0.00E+00	3.27E+00	4.59E-08	3.27E+00	4.14E+00	8.66E-01	0.00E+00	0.00E+00	0.00E+00	9.93E-03

WH27915605C	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH27915700C	1.28E-03	2.46E-01	1.67E-04	2.45E-01	0.00E+00	0.00E+00	4.61E-01	1.66E-07	1.54E-04	2.47E-03	0.00E+00	1.04E-02	3.10E-11	7.39E-10	3.49E-01	2.45E-03	0.00E+00	0.00E+00	1.11E-03	4.14E-02	6.22E+00	0.00E+00	1.18E-09	1.02E-08	4.84E-04	6.14E-06	9.03E-01	0.00E+00	6.22E+00	5.69E-08	6.22E+00	7.84E+00	9.03E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-02
WH27915705C	1.28E-02	2.45E+00	1.66E-03	2.45E+00	0.00E+00	0.00E+00	4.60E+00	1.66E-06	1.53E-03	2.47E-02	0.00E+00	1.03E-01	3.09E-10	7.38E-09	3.49E+00	2.45E-02	0.00E+00	0.00E+00	1.10E-02	4.13E-01	6.22E+01	0.00E+00	1.18E-08	1.02E-07	4.83E-03	6.13E-05	9.02E+00	0.00E+00	6.22E+01	5.68E-07	6.22E+01	7.83E+01	9.02E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-01
WH27915800C	1.10E-03	2.10E-01	1.42E-04	2.10E-01	0.00E+00	0.00E+00	3.94E-01	1.42E-07	1.31E-04	2.11E-03	0.00E+00	8.86E-03	2.65E-11	6.32E-10	2.99E-01	2.10E-03	0.00E+00	0.00E+00	9.45E-04	3.54E-02	5.32E+00	0.00E+00	1.01E-09	8.70E-09	4.14E-04	5.25E-06	7.72E-01	0.00E+00	5.32E+00	4.87E-08	5.32E+00	6.70E+00	7.72E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-02
WH27915805C	9.73E-03	1.86E+00	1.26E-03	1.86E+00	0.00E+00	0.00E+00	3.49E+00	1.26E-06	1.17E-03	1.87E-02	0.00E+00	7.85E-02	2.35E-10	5.60E-09	2.65E+00	1.86E-02	0.00E+00	0.00E+00	8.38E-03	3.14E-01	4.72E+01	0.00E+00	8.95E-09	7.71E-08	3.67E-03	4.65E-05	6.84E+00	0.00E+00	4.72E+01	4.31E-07	4.72E+01	5.94E+01	6.84E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-01
WH27916200C	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH27916205C	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH27916300C	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH27916304C	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH27916305C	4.65E-04	8.90E-02	6.03E-05	8.88E-02	0.00E+00	0.00E+00	1.67E-01	6.03E-08	5.57E-05	8.94E-04	0.00E+00	3.75E-03	1.12E-11	2.68E-10	1.27E-01	8.89E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-02	2.26E+00	0.00E+00	4.28E-10	3.69E-09	1.75E-04	2.22E-06	3.27E-01	0.00E+00	2.26E+00	2.06E-08	2.26E+00	2.84E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
WH27917000C	1.10E-03	2.10E-01	1.42E-04	2.10E-01	0.00E+00	0.00E+00	3.94E-01	1.42E-07	1.31E-04	2.11E-03	0.00E+00	8.86E-03	2.65E-11	6.32E-10	2.99E-01	2.10E-03	0.00E+00	0.00E+00	9.45E-04	3.54E-02	5.32E+00	0.00E+00	1.01E-09	8.70E-09	4.14E-04	5.25E-06	7.72E-01	0.00E+00	5.32E+00	4.87E-08	5.32E+00	6.70E+00	7.72E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-02
WH27917003C	9.73E-03	1.86E+00	1.26E-03	1.86E+00	0.00E+00	0.00E+00	3.49E+00	1.26E-06	1.17E-03	1.87E-02	0.00E+00	7.85E-02	2.35E-10	5.60E-09	2.65E+00	1.86E-02	0.00E+00	0.00E+00	8.38E-03	3.14E-01	4.72E+01	0.00E+00	8.95E-09	7.71E-08	3.67E-03	4.65E-05	6.84E+00	0.00E+00	4.72E+01	4.31E-07	4.72E+01	5.94E+01	6.84E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-01
WH27917005C	9.73E-03	1.86E+00	1.26E-03	1.86E+00	0.00E+00	0.00E+00	3.49E+00	1.26E-06	1.17E-03	1.87E-02	0.00E+00	7.85E-02	2.35E-10	5.60E-09	2.65E+00	1.86E-02	0.00E+00	0.00E+00	8.38E-03	3.14E-01	4.72E+01	0.00E+00	8.95E-09	7.71E-08	3.67E-03	4.65E-05	6.84E+00	0.00E+00	4.72E+01	4.31E-07	4.72E+01	5.94E+01	6.84E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-01
WH27917700C	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH27917705C	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH27917800C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH27917804C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH27917805C	5.96E-04	1.14E-01	7.72E-05	1.14E-01	0.00E+00	0.00E+00	2.14E-01	7.72E-08	7.13E-05	1.14E-03	0.00E+00	4.80E-03	1.44E-11	3.43E-10	1.62E-01	1.14E-03	0.00E+00	0.00E+00	5.13E-04	1.92E-02	2.89E+00	0.00E+00	5.47E-10	4.72E-09	2.25E-04	2.85E-06	4.19E-01	0.00E+00	2.89E+00	2.64E-08	2.89E+00	3.63E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH3358025F	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36580300A	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36580300C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36580300Q	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36580303A	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36580303C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36580303Q	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36580305A	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36580305C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36580305Q	1.86E-04	3.56E-02	2.41E-05	3.55E-02	0.00E+00	0.00E+00	6.68E-02	2.41E-08	2.23E-05	3.58E-04	0.00E+00	1.50E-03	4.49E-12	1.07E-10	5.06E-02	3.56E-04	0.00E+00	0.00E+00	1.60E-04	6.00E-03	9.02E-01	0.00E+00	1.71E-10	1.47E-09	7.02E-05	8.90E-07	1.31E-01	0.00E+00	9.02E-01	8.25E-09	9.02E-01	1.14E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	6.88E-03
WH36580349A	1.86E-04	3.56E-02	2.41E-05	3.55E-02	0.00E+00	0.00E+00	6.68E-02	2.41E-08	2.23E-05	3.58E-04	0.00E+00	1.50E-03	4.49E-12	1.07E-10	5.06E-02	3.56E-04	0.00E+00	0.00E+00	1.60E-04	6.00E-03	9.02E-01	0.00E+00	1.71E-10	1.47E-09	7.02E-05	8.90E-07	1.31E-01	0.00E+00	9.02E-01	8.25E-09	9.02E-01	1.14E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	6.88E-03
WH36580349C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36580349Q	1.86E-04	3.56E-02	2.41E-05	3.55E-02	0.00E+00	0.00E+00	6.68E-02	2.41E-08	2.23E-05	3.58E-04	0.00E+00	1.50E-03	4.49E-12	1.07E-10	5.06E-02	3.56E-04	0.00E+00	0.00E+00	1.60E-04	6.00E-03	9.02E-01	0.00E+00	1.71E-10	1.47E-09	7.02E-05	8.90E-07	1.31E-01	0.00E+00	9.02E-01	8.25E-09	9.02E-01	1.14E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	6.88E-03
WH36582300A	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36582300C	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36582300Q	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36582303A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36582303C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36582303Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36582305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36582305C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36582305Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36582349C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36583300A	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36583300C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36583300Q	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36583303A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36583303C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36583303Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36583305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36583305C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36583305Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36583349A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36583349C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36583349Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36583400A	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36583400C	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36583403A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36583403C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36583405A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36583405C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36583405Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585300A	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36585300C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36585300Q	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36585303A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585303C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585303Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585305C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585305Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585349A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585349C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585600A	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36585600C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH36585600Q	3.09E-04	6.02E-02	1.11E-04	6.01E-02	0.00E+00	0.00E+00	1.14E-01	1.59E-07	3.76E-05	6.04E-04	0.00E+00	2.64E-03	7.57E-12	1.81E-10	8.66E-02	1.67E-03	0.00E+00	0.00E+00	1.08E-04	1.02E-02	1.52E+00	0.00E+00	2.92E-10	2.48E-09	1.18E-04	2.33E-06	4.02E-01	0.00E+00	1.52E+00	2.13E-08	1.52E+00	1.92E+00	4.02E-01	0.00E+00	0.00E+00	0.00E+00	4.61E-03
WH36585603A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585603C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585603Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585605A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585605C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585605Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585649A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585649C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36585649Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36586300A	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36586300C	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02

WH36586300Q	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36586303A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36586303C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36586303Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36586305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36586305C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36586305Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36586349A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36586349C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36586349Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36586400A	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36586405A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36586405C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36586405Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36587600A	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36587600C	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36587600Q	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36587603A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36587603C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36587603Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36587605A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36587605C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36587605Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36587649Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36592200A	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36592200C	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36592200Q	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36592203A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36592203C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36592203Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36592205A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36592205C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36592205Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36592249A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36592249C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36592249Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36593200A	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36593200C	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36593200Q	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36593203A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36593203C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36593203Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36593205A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36593205C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36593205Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36593249A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36593249Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36593300A	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36593300C	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36593300Q	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36593303A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36593303C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36593305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36593305C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36593305Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36593349C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36594200A	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36594200C	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36594200Q	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36594203A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36594203C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36594203Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36594205A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36594249Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36595200A	5.13E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.64E-07	6.25E-05	1.00E-03	0.00E+00	4.39E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.97E-04	3.88E-06	6.69E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.20E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	7.67E-03
WH36595200C	5.13E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.64E-07	6.25E-05	1.00E-03	0.00E+00	4.39E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.97E-04	3.88E-06	6.69E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.20E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	7.67E-03
WH36595200Q	5.13E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.64E-07	6.25E-05	1.00E-03	0.00E+00	4.39E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.97E-04	3.88E-06	6.69E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.20E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	7.67E-03
WH36595203A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36595203C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36595203Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36595205A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36595205C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36595205Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36595249A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36595249C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36595249Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596200A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596200C	1.17E-03	2.28E-01	4.19E-04	2.27E-01	0.00E+00	0.00E+00	4.30E-01	6.00E-07	1.42E-04	2.28E-03	0.00E+00	9.99E-03	2.87E-11	6.84E-10	3.28E-01	6.31E-03	0.00E+00	0.00E+00	4.10E-04	3.85E-02	5.75E+00	0.00E+00	1.10E-09	9.40E-09	4.48E-04	8.83E-06	1.52E+00	0.00E+00	5.75E+00	8.06E-08	5.75E+00	7.27E+00	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-02
WH36596200Q	5.78E-04	1.13E-01	2.08E-04	1.13E-01	0.00E+00	0.00E+00	2.13E-01	2.97E-07	7.04E-05	1.13E-03	0.00E+00	4.94E-03	1.42E-11	3.39E-10	1.62E-01	3.12E-03	0.00E+00	0.00E+00	2.03E-04	1.90E-02	2.85E+00	0.00E+00	5.47E-10	4.65E-09	2.22E-04	4.37E-06	7.53E-01	0.00E+00	2.85E+00	3.99E-08	2.85E+00	3.60E+00	7.53E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-03
WH36596203A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596205A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596205Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596249A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596249C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596249Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02

WH36596300A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596300C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596300Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596303A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596303C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596303Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596305A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596305C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596305Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596349A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596349C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36596349Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36597200A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36597200C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36597200Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36597203A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36597203C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36597203Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36597205A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36597205C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36597205Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36597249A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36597249C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36598200A	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36598200Q	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36598203A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36599200A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36599200C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36599200Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36599203A	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36599203C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36599203Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36599205C	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36599205Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36599249Q	9.49E-04	1.82E-01	1.23E-04	1.81E-01	0.00E+00	0.00E+00	3.41E-01	1.23E-07	1.14E-04	1.82E-03	0.00E+00	7.66E-03	2.29E-11	5.46E-10	2.58E-01	1.81E-03	0.00E+00	0.00E+00	8.17E-04	3.06E-02	4.60E+00	0.00E+00	8.72E-10	7.52E-09	3.58E-04	4.54E-06	6.67E-01	0.00E+00	4.60E+00	4.21E-08	4.60E+00	5.79E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
WH36600700Q	1.47E-03	2.87E-01	5.28E-04	2.86E-01	0.00E+00	0.00E+00	5.42E-01	7.55E-07	1.79E-04	2.88E-03	0.00E+00	1.26E-02	3.61E-11	8.62E-10	4.12E-01	7.94E-03	0.00E+00	0.00E+00	5.16E-04	4.84E-02	7.24E+00	0.00E+00	1.39E-09	1.18E-08	5.64E-04	1.11E-05	1.92E+00	0.00E+00	7.24E+00	1.01E-07	7.24E+00	9.16E+00	1.92E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02
WH36600800Q	2.34E-03	4.57E-01	8.41E-04	4.56E-01	0.00E+00	0.00E+00	8.64E-01	1.20E-06	2.85E-04	4.58E-03	0.00E+00	2.00E-02	5.75E-11	1.37E-09	6.57E-01	1.27E-02	0.00E+00	0.00E+00	8.23E-04	7.72E-02	1.15E+01	0.00E+00	2.22E-09	1.89E-08	8.98E-04	1.77E-05	3.05E+00	0.00E+00	1.15E+01	1.62E-07	1.15E+01	1.46E+01	3.05E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-02
WH36620300A	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36620300C	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH36620300Q	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36620303A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36620303C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36620303Q	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH36620305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36620305C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36620305Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36620349A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36620349C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36620349Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36622300A	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36622300C	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36622300Q	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36622303A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36622303C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36622303Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36622305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36622305C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36622305Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36622349A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36622349Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36625300A	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36625300C	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH36625300Q	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH36625303A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36625303C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36625303Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36625305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36625305C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36625305Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36625349A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36625349C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36625349Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36627300A	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36627300C	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36627300Q	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36627303A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36627303Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36627305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36627305Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36627349Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36640300A	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH36640300C	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH36640300Q	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH36640303A	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH36640303C	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03

WH36640303Q	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH36640305A	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH36640305C	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH36640305Q	2.47E-04	4.83E-02	8.89E-05	4.82E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.69E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-09	9.48E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03
WH36640349A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36640349C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH36640349Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36640700A	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36640700C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH36640700Q	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36640703A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36640703C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36640703Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36640705A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36640705C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36640705Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36640749A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36640749C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36640749Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36642300A	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36642300C	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36642300Q	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36642303A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36642303C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36642303Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36642305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36642305C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36642305Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36642349Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36642700Q	5.77E-04	1.10E-01	7.48E-05	1.10E-01	0.00E+00	0.00E+00	2.07E-01	7.47E-08	6.91E-05	1.11E-03	0.00E+00	4.65E-03	1.39E-11	3.32E-10	1.57E-01	1.10E-03	0.00E+00	0.00E+00	4.97E-04	1.86E-02	2.80E+00	0.00E+00	5.30E-10	4.57E-09	2.18E-04	2.76E-06	4.06E-01	0.00E+00	2.80E+00	2.56E-08	2.80E+00	3.52E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
WH36642703A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36642703C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36642703Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36642705A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36642705Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36645300A	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36645300C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH36645300Q	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH36645303A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36645303C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36645303Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36645305A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36645305C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36645305Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36645349A	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36645349C	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36645349Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36647300Q	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WH36647303Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36647305Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36647349Q	2.42E-04	4.63E-02	3.14E-05	4.62E-02	0.00E+00	0.00E+00	8.69E-02	3.13E-08	2.90E-05	4.65E-04	0.00E+00	1.95E-03	5.84E-12	1.39E-10	6.58E-02	4.62E-04	0.00E+00	0.00E+00	2.08E-04	7.80E-03	1.17E+00	0.00E+00	2.22E-10	1.92E-09	9.12E-05	1.16E-06	1.70E-01	0.00E+00	1.17E+00	1.07E-08	1.17E+00	1.48E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-03
WH36910900C	1.40E-03	2.67E-01	1.81E-04	2.66E-01	0.00E+00	0.00E+00	5.01E-01	1.81E-07	1.67E-04	2.68E-03	0.00E+00	1.13E-02	3.37E-11	8.04E-10	3.80E-01	2.67E-03	0.00E+00	0.00E+00	1.20E-03	4.50E-02	6.77E+00	0.00E+00	1.28E-09	1.11E-08	5.26E-04	6.67E-06	9.81E-01	0.00E+00	6.77E+00	6.19E-08	6.77E+00	8.52E+00	9.81E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-02
WH36910900Q	1.40E-03	2.67E-01	1.81E-04	2.66E-01	0.00E+00	0.00E+00	5.01E-01	1.81E-07	1.67E-04	2.68E-03	0.00E+00	1.13E-02	3.37E-11	8.04E-10	3.80E-01	2.67E-03	0.00E+00	0.00E+00	1.20E-03	4.50E-02	6.77E+00	0.00E+00	1.28E-09	1.11E-08	5.26E-04	6.67E-06	9.81E-01	0.00E+00	6.77E+00	6.19E-08	6.77E+00	8.52E+00	9.81E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-02
WH36910903Q	1.34E-03	2.56E-01	1.74E-04	2.56E-01	0.00E+00	0.00E+00	4.81E-01	1.74E-07	1.60E-04	2.58E-03	0.00E+00	1.08E-02	3.23E-11	7.71E-10	3.65E-01	2.56E-03	0.00E+00	0.00E+00	1.15E-03	4.32E-02	6.50E+00	0.00E+00	1.23E-09	1.06E-08	5.05E-04	6.40E-06	9.42E-01	0.00E+00	6.50E+00	5.94E-08	6.50E+00	8.18E+00	9.42E-01	0.00E+00	0.00E+00	0.00E+00	4.95E-02
WH36910905Q	1.34E-03	2.56E-01	1.74E-04	2.56E-01	0.00E+00	0.00E+00	4.81E-01	1.74E-07	1.60E-04	2.58E-03	0.00E+00	1.08E-02	3.23E-11	7.71E-10	3.65E-01	2.56E-03	0.00E+00	0.00E+00	1.15E-03	4.32E-02	6.50E+00	0.00E+00	1.23E-09	1.06E-08	5.05E-04	6.40E-06	9.42E-01	0.00E+00	6.50E+00	5.94E-08	6.50E+00	8.18E+00	9.42E-01	0.00E+00	0.00E+00	0.00E+00	4.95E-02
WH36910949Q	1.34E-03	2.56E-01	1.74E-04	2.56E-01	0.00E+00	0.00E+00	4.81E-01	1.74E-07	1.60E-04	2.58E-03	0.00E+00	1.08E-02	3.23E-11	7.71E-10	3.65E-01	2.56E-03	0.00E+00	0.00E+00	1.15E-03	4.32E-02	6.50E+00	0.00E+00	1.23E-09	1.06E-08	5.05E-04	6.40E-06	9.42E-01	0.00E+00	6.50E+00	5.94E-08	6.50E+00	8.18E+00	9.42E-01	0.00E+00	0.00E+00	0.00E+00	4.95E-02
WH36911000C	1.19E-03	2.28E-01	1.54E-04	2.27E-01	0.00E+00	0.00E+00	4.28E-01	1.54E-07	1.43E-04	2.29E-03	0.00E+00	9.61E-03	2.87E-11	6.86E-10	3.24E-01	2.28E-03	0.00E+00	0.00E+00	1.03E-03	3.84E-02	5.77E+00	0.00E+00	1.09E-09	9.43E-09	4.49E-04	5.69E-06	8.37E-01	0.00E+00	5.77E+00	5.28E-08	5.77E+00	7.27E+00	8.37E-01	0.00E+00	0.00E+00	0.00E+00	4.40E-02
WH36911003C	1.19E-03	2.28E-01	1.54E-04	2.27E-01	0.00E+00	0.00E+00	4.28E-01	1.54E-07	1.43E-04	2.29E-03	0.00E+00	9.61E-03	2.87E-11	6.86E-10	3.24E-01	2.28E-03	0.00E+00	0.00E+00	1.03E-03	3.84E-02	5.77E+00	0.00E+00	1.09E-09	9.43E-09	4.49E-04	5.69E-06	8.37E-01	0.00E+00	5.77E+00	5.28E-08	5.77E+00	7.27E+00	8.37E-01	0.00E+00	0.00E+00	0.00E+00	4.40E-02
WH36912300C	5.13E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.63E-07	6.24E-05	1.00E-03	0.00E+00	4.38E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.96E-04	3.88E-06	6.68E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.19E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH36912300Q	5.13E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.63E-07	6.24E-05	1.00E-03	0.00E+00	4.38E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.96E-04	3.88E-06	6.68E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.19E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH36912303C	5.13E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.63E-07	6.24E-05	1.00E-03	0.00E+00	4.38E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.96E-04	3.88E-06	6.68E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.19E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH36912303Q	5.13E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.63E-07	6.24E-05	1.00E-03	0.00E+00	4.38E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.96E-04	3.88E-06	6.68E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.19E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH36912349C	5.13E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.63E-07	6.24E-05	1.00E-03	0.00E+00	4.38E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.96E-04	3.88E-06	6.68E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.19E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH36912349Q	5.13E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.63E-07	6.24E-05	1.00E-03	0.00E+00	4.38E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.96E-04	3.88E-06	6.68E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.19E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH36912400C	9.68E-04	1.89E-01	3.48E-04	1.89E-01	0.00E+00	0.00E+00	3.57E-01	4.97E-07	1.18E-04	1.89E-03	0.00E+00	8.28E-03	2.38E-11	5.68E-10	2.72E-01	5.23E-03	0.00E+00	0.00E+00	3.40E-04	3.19E-02	4.77E+00	0.00E+00	9.16E-10	7.79E-09	3.71E-04	7.32E-06	1.26E+00	0.00E+00	4.77E+00	6.68E-08	4.77E+00	6.03E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-02
WH36912400Q	9.68E-04	1.89E-01	3.48E-04	1.89E-01	0.00E+00	0.00E+00	3.57E-01	4.97E-07	1.18E-04	1.89E-03	0.00E+00	8.28E-03	2.38E-11	5.68E-10	2.72E-01	5.23E-03	0.00E+00	0.00E+00	3.40E-04	3.19E-02	4.77E+00	0.00E+00	9.16E-10	7.79E-09	3.71E-04	7.32E-06	1.26E+00	0.00E+00	4.77E+00	6.68E-08	4.77E+00	6.03E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-02
WH36912403C	9.68E-04	1.89E-01	3.48E-04	1.89E-01	0.00E+00	0.00E+00	3.57E-01	4.97E-07	1.18E-04	1.89E-03	0.00E+00	8.28E-03	2.38E-11	5.68E-10	2.72E-01	5.23E-03	0.00E+00	0.00E+00	3.40E-04	3.19E-02	4.77E+00	0.00E+00	9.16E-10	7.79E-09	3.71E-04	7.32E-06	1.26E+00	0.00E+00	4.77E+00	6.68E-08	4.77E+00	6.03E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-02
WH36912403Q	9.68E-04	1.89E-01	3.48E-04	1.89E-01	0.00E+00	0.00E+00	3.57E-01	4.97E-07	1.18E-04	1.89E-03	0.00E+00	8.28E-03	2.38E-11	5.68E-10	2.72E-01	5.23E-03	0.00E+00	0.00E+00	3.40E-04	3.19E-02	4.77E+00	0.00E+00	9.16E-10	7.79E-09	3.71E-04	7.32E-06	1.26E+00	0.00E+00	4.77E+00	6.68E-08	4.77E+00	6.03E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-02
WH36912405C	9.68E-04	1.89E-01	3.48E-04	1.89E-01	0.00E+00	0.00E+00	3.57E-01	4.97E-07	1.18E-04	1.89E-03	0.00E+00	8.28E-03	2.38E-11	5.68E-10	2.72E-01	5.23E-03	0.00E+00	0.00E+00	3.40E-04	3.19E-02	4.77E+00	0.00E+00	9.16E-10	7.79E-09	3.71E-04	7.32E-06	1.26E+00	0.00E+00	4.77E+00	6.68E-08	4.77E+00	6.03E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-02
WH36912405Q	9.68E-04	1.89E-01	3.48E-04	1.89E-01	0.00E+00	0.00E+00	3.57E-01	4.97E-07	1.18E-04	1.89E-03	0.00E+00	8.28E-03	2.38E-11	5.68E-10	2.72E-01	5.23E-03	0.00E+00	0.00E+00	3.40E-04	3.19E-02	4.77E+00	0.00E+00	9.16E-10	7.79E-09	3.71E-04	7.32E-06	1.26E+00	0.00E+00	4.77E+00	6.68E-08	4.77E+00	6.03E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-02
WH36912449C	9.68E-04	1.89E-01	3.48E-04	1.89E-01	0.00E+00	0.00E+00	3.57E-01	4.97E-07	1.18E-04	1.89E-03	0.00E+00	8.28E-03	2.38E-11	5.68E-10	2.72E-01	5.23E-03	0.00E+00	0.00E+00	3.40E-04	3.19E-02	4.77E+00	0.00E+00	9.16E-10	7.79E-09	3.71E-04	7.32E-06	1.26E+00	0.00E+00	4.77E+00	6.68E-08	4.77E+00	6.03E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-02
WH36912449Q	9.68E-04	1.89E-01	3.48E-04	1.89E-01	0.00E+00	0.00E+00	3.57E-01	4.97E-07	1.18E-04	1.89E-03	0.00E+00	8.28E-03	2.38E-11	5.68E-10	2.72E-01	5.23E-03	0.00E+00	0.00E+00	3.40E-04	3.19E-02	4.77E+00	0.00E+00	9.16E-10	7.79E-09	3.71E-04	7.32E-06	1.26E+00	0.00E+00	4.77E+00	6.68E-08	4.77E+00	6.03E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-02
WH36912500C	1.16E-03	2.26E-01	4.15E-04	2.25E-01	0.00E+00	0.00E+00	4.26E-01	5.94E-07	1.41E-04	2.26E-03	0.00E+00	9.89E-03	2.84E-11	6.78E-10	3.24E-01	6.24E-03	0.00E+00	0.00E+00	4.06E-04	3.81E-02	5.70E+00	0.00E+00	1.09E-09	9.31E-09	4.43E-04	8.74E-06	1.51E+00	0.00E+00	5.70E+00	7.98E-08	5.70E+00	7.20E+00	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
WH36912500Q	1.16E-03	2.26E-01	4.15E-04	2.25E-01	0.00E+00	0.00E+00	4.26E-01	5.94E-07	1.41E-04	2.26E-03	0.00E+00	9.89E-03	2.84E-11	6.78E-10	3.24E-01	6.24E-03	0.00E+00	0.00E+00	4.06E-04	3.81E-02	5.70E+00	0.00E+00	1.09E-09	9.31E-09	4.43E-04	8.74E-06	1.51E+00	0.00E+00	5.70E+00	7.98E-08	5.70E+00	7.20E+00	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
WH36912503C	1.16E-03	2.26E-01	4.15E-04	2.25E-01	0.00E+00	0.00E+00	4.26E-01	5.94E-07	1.41E-04	2.26E-03	0.00E+00	9.89E-03	2.84E-11	6.78E-10	3.24E-01	6.24E-03	0.00E+00	0.00E+00	4.06E-04	3.81E-02	5.70E+00	0.00E+00	1.09E-09	9.31E-09	4.43E-04	8.74E-06	1.51E+00	0.00E+00	5.70E+00	7.98E-08	5.70E+00	7.20E+00	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
WH36912503Q	1.16E-03	2.26E-01	4.15E-04	2.25E-01	0.00E+00	0.00E+00	4.26E-01	5.94E-07	1.41E-04	2.26E-03	0.00E+00	9.89E-03	2.84E-11	6.78E-10	3.24E-01	6.24E-03	0.00E+00	0.00E+00	4.06E-04	3.81E-02	5.70E+00	0.00E+00	1.09E-09	9.31E-09	4.43E-04	8.74E-06	1.51E+00	0.00E+00	5.70E+00	7.98E-08	5.70E+00	7.20E+00	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
WH36912505C	1.16E-03	2.26E-01	4.15E-04	2.25E-01	0.00E+00	0.00E+00	4.26E-01	5.94E-07	1.41E-04	2.26E-03	0.00E+00	9.89E-03	2.84E-11	6.78E-10	3.24E-01	6.24E-03	0.00E+00	0.00E+00	4.06E-04	3.81E-02	5.70E+00	0.00E+00	1.09E-09	9.31E-09	4.43E-04	8.74E-06	1.51E+00	0.00E+00	5.70E+00	7.98E-08	5.70E+00	7.20E+00	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
WH36912505Q	1.16E-03	2.26E-01	4.15E-04	2.25E-01	0.00E+00	0.00E+00	4.26E-01	5.94E-07	1.41E-04	2.26E-03	0.00E+00	9.89E-03	2.84E-11	6.78E-10	3.24E-01	6.24E-03	0.00E+00	0.00E+00	4.06E-04	3.81E-02	5.70E+00	0.00E+00	1.09E-09	9.31E-09	4.43E-04	8.74E-06	1.51E+00	0.00E+00	5.70E+00	7.98E-08	5.70E+00	7.20E+00	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
WH36912549C	1.16E-03	2.26E-01	4.15E-04	2.25E-01	0.00E+00	0.00E+00	4.26E-01	5.94E-07	1.41E-04	2.26E-03	0.00E+00	9.89E-03	2.84E-11	6.78E-10	3.24E-01	6.24E-03	0.00E+00	0.00E+00	4.06E-04	3.81E-02	5.70E+00	0.00E+00	1.09E-09	9.31E-09	4.43E-04	8.74E-06	1.51E+00	0.00E+00	5.70E+00	7.98E-08	5.70E+00	7.20E+00	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
WH36912549Q	1.16E-03	2.26E-01	4.15E-04	2.25E-01	0.00E+00	0.00E+00	4.26E-01	5.94E-07	1.41E-04	2.26E-03	0.00E+00	9.89E-03	2.84E-11	6.78E-10	3.24E-01	6.24E-03	0.00E+00	0.00E+00	4.06E-04	3.81E-02	5.70E+00	0.00E+00	1.09E-09	9.31E-09	4.43E-04	8.74E-06	1.51E+00	0.00E+00	5.70E+00	7.98E-08	5.70E+00	7.20E+00	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
WH36912600C	2.34E-03	4.56E-01	8.39E-04	4.55E-01	0.00E+00	0.00E+00	8.61E-01	1.20E-06	2.84E-04	4.57E-03	0.00E+00	2.00E-02	5.73E-11	1.37E-09	6.55E-01	1.26E-02	0.00E+00	0.00E+00	8.20E-04	7.70E-02	1.15E+01	0.00E+00	2.21E-09	1.88E-08	8.95E-04	1.77E-05	3.04E+00	0.00E+00	1.15E+01	1.61E-07	1.15E+01	1.45E+01	3.04E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
WH36912600Q	2.34E-03	4.56E-01	8.39E-04	4.55E-01	0.00E+00	0.00E+00	8.61E-01	1.20E-06	2.84E-04	4.57E-03	0.00E+00	2.00E-02	5.73E-11	1.37E-09	6.55E-01	1.26E-02	0.00E+00	0.00E+00	8.20E-04	7.70E-02	1.15E+01	0.00E+00	2.21E-09	1.88E-08	8.95E-04	1.77E-05	3.04E+00	0.00E+00	1.15E+01	1.61E-07	1.15E+01	1.45E+01	3.04E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
WH36912603C	2.34E-03	4.56E-01	8.39E-04	4.55E-01	0.00E+00	0.00E+00	8.61E-01	1.20E-06	2.84E-04	4.57E-03	0.00E+00	2.00E-02	5.73E-11	1.37E-09	6.55E-01	1.26E-02	0.00E+00	0.00E+00	8.20E-04	7.70E-02	1.15E+01	0.00E+00	2.21E-09	1.88E-08	8.95E-04	1.77E-05	3.04E+00	0.00E+00	1.15E+01	1.61E-07	1.15E+01	1.45E+01	3.04E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
WH36912603Q	2.34E-03	4.56E-01	8.39E-04	4.55E-01	0.00E+00	0.00E+00	8.61E-01	1.20E-06	2.84E-04	4.57E-03	0.00E+00	2.00E-02	5.73E-11	1.37E-09	6.55E-01	1.26E-02	0.00E+00	0.00E+00	8.20E-04	7.70E-02	1.15E+01	0.00E+00	2.21E-09	1.88E-08	8.95E-04	1.77E-05	3.04E+00	0.00E+00	1.15E+01	1.61E-07	1.15E+01	1.45E+01	3.04E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
WH36912605C	2.34E-03	4.56E-01	8.39E-04	4.55E-01	0.00E+00	0.00E+00	8.61E-01	1.20E-06	2.84E-04	4.57E-03	0.00E+00	2.00E-02	5.73E-11	1.37E-09	6.55E-01	1.26E-02	0.00E+00	0.00E+00	8.20E-04	7.70E-02	1.15E+01	0.00E+00	2.21E-09	1.88E-08	8.95E-04	1.77E-05	3.04E+00	0.00E+00	1.15E+01	1.61E-07	1.15E+01	1.45E+01	3.04E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02

WH36912605Q	2.34E-03	4.56E-01	8.39E-04	4.55E-01	0.00E+00	0.00E+00	8.61E-01	1.20E-06	2.84E-04	4.57E-03	0.00E+00	2.00E-02	5.73E-11	1.37E-09	6.55E-01	1.26E-02	0.00E+00	0.00E+00	8.20E-04	7.70E-02	1.15E+01	0.00E+00	2.21E-09	1.88E-08	8.95E-04	1.77E-05	3.04E+00	0.00E+00	1.15E+01	1.61E-07	1.15E+01	1.45E+01	3.04E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
WH36912649C	2.34E-03	4.56E-01	8.39E-04	4.55E-01	0.00E+00	0.00E+00	8.61E-01	1.20E-06	2.84E-04	4.57E-03	0.00E+00	2.00E-02	5.73E-11	1.37E-09	6.55E-01	1.26E-02	0.00E+00	0.00E+00	8.20E-04	7.70E-02	1.15E+01	0.00E+00	2.21E-09	1.88E-08	8.95E-04	1.77E-05	3.04E+00	0.00E+00	1.15E+01	1.61E-07	1.15E+01	1.45E+01	3.04E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
WH36912649Q	2.34E-03	4.56E-01	8.39E-04	4.55E-01	0.00E+00	0.00E+00	8.61E-01	1.20E-06	2.84E-04	4.57E-03	0.00E+00	2.00E-02	5.73E-11	1.37E-09	6.55E-01	1.26E-02	0.00E+00	0.00E+00	8.20E-04	7.70E-02	1.15E+01	0.00E+00	2.21E-09	1.88E-08	8.95E-04	1.77E-05	3.04E+00	0.00E+00	1.15E+01	1.61E-07	1.15E+01	1.45E+01	3.04E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
WH37580300D	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.66E-02	9.28E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-09	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-08	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH37580300DM	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH37580305D	1.80E-04	3.52E-02	6.48E-05	3.51E-02	0.00E+00	0.00E+00	6.65E-02	9.27E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.06E-02	9.74E-04	0.00E+00	0.00E+00	6.34E-05	5.94E-03	8.88E-01	0.00E+00	1.71E-10	1.45E-09	6.91E-05	1.36E-06	2.35E-01	0.00E+00	8.88E-01	1.25E-08	8.88E-01	1.12E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH37580305DM	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37580306DM	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37581400D	2.14E-04	3.89E-02	7.16E-05	3.88E-02	0.00E+00	0.00E+00	7.35E-02	1.02E-07	2.43E-05	3.90E-04	0.00E+00	1.71E-03	4.89E-12	1.17E-10	5.59E-02	1.08E-03	0.00E+00	0.00E+00	7.00E-05	6.57E-03	9.82E-01	0.00E+00	1.89E-10	1.60E-09	7.64E-05	1.51E-06	2.60E-01	0.00E+00	9.82E-01	1.38E-08	9.82E-01	1.24E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	2.98E-03
WH37581405D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37581406D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37581411D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37581429D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH375814E	1.99E-04	3.88E-02	7.13E-05	3.87E-02	0.00E+00	0.00E+00	7.32E-02	1.02E-07	2.42E-05	3.89E-04	0.00E+00	1.70E-03	4.88E-12	1.16E-10	5.57E-02	1.07E-03	0.00E+00	0.00E+00	6.98E-05	6.55E-03	9.79E-01	0.00E+00	1.88E-10	1.60E-09	7.62E-05	1.50E-06	2.59E-01	0.00E+00	9.79E-01	1.37E-08	9.79E-01	1.24E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	2.97E-03
WH37583300D	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH37583300DM	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH37583305D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37583306D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37585300D	3.32E-04	6.49E-02	1.19E-04	6.47E-02	0.00E+00	0.00E+00	1.23E-01	1.71E-07	4.05E-05	6.50E-04	0.00E+00	2.84E-03	8.16E-12	1.95E-10	9.32E-02	1.79E-03	0.00E+00	0.00E+00	1.17E-04	1.10E-02	1.64E+00	0.00E+00	3.14E-10	2.67E-09	1.27E-04	2.51E-06	4.33E-01	0.00E+00	1.64E+00	2.29E-08	1.64E+00	2.07E+00	4.33E-01	0.00E+00	0.00E+00	0.00E+00	4.97E-03
WH37585300DM	3.32E-04	6.49E-02	1.19E-04	6.47E-02	0.00E+00	0.00E+00	1.23E-01	1.71E-07	4.05E-05	6.50E-04	0.00E+00	2.84E-03	8.16E-12	1.95E-10	9.32E-02	1.79E-03	0.00E+00	0.00E+00	1.17E-04	1.10E-02	1.64E+00	0.00E+00	3.14E-10	2.67E-09	1.27E-04	2.51E-06	4.33E-01	0.00E+00	1.64E+00	2.29E-08	1.64E+00	2.07E+00	4.33E-01	0.00E+00	0.00E+00	0.00E+00	4.97E-03
WH37585305D	3.32E-04	6.49E-02	1.19E-04	6.47E-02	0.00E+00	0.00E+00	1.23E-01	1.71E-07	4.05E-05	6.50E-04	0.00E+00	2.84E-03	8.16E-12	1.95E-10	9.32E-02	1.79E-03	0.00E+00	0.00E+00	1.17E-04	1.10E-02	1.64E+00	0.00E+00	3.14E-10	2.67E-09	1.27E-04	2.51E-06	4.33E-01	0.00E+00	1.64E+00	2.29E-08	1.64E+00	2.07E+00	4.33E-01	0.00E+00	0.00E+00	0.00E+00	4.97E-03
WH37585305DM	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37585306D	1.80E-04	3.52E-02	6.48E-05	3.51E-02	0.00E+00	0.00E+00	6.65E-02	9.27E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.06E-02	9.74E-04	0.00E+00	0.00E+00	6.34E-05	5.94E-03	8.88E-01	0.00E+00	1.71E-10	1.45E-09	6.91E-05	1.36E-06	2.35E-01	0.00E+00	8.88E-01	1.25E-08	8.88E-01	1.12E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WH37585306DM	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37586400D	1.99E-04	3.89E-02	7.16E-05	3.88E-02	0.00E+00	0.00E+00	7.35E-02	1.02E-07	2.43E-05	3.90E-04	0.00E+00	1.71E-03	4.89E-12	1.17E-10	5.59E-02	1.08E-03	0.00E+00	0.00E+00	7.00E-05	6.57E-03	9.82E-01	0.00E+00	1.89E-10	1.60E-09	7.64E-05	1.51E-06	2.60E-01	0.00E+00	9.82E-01	1.38E-08	9.82E-01	1.24E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	2.98E-03
WH37586405D	2.14E-04	3.89E-02	7.16E-05	3.88E-02	0.00E+00	0.00E+00	7.35E-02	1.02E-07	2.43E-05	3.90E-04	0.00E+00	1.71E-03	4.89E-12	1.17E-10	5.59E-02	1.08E-03	0.00E+00	0.00E+00	7.00E-05	6.57E-03	9.82E-01	0.00E+00	1.89E-10	1.60E-09	7.64E-05	1.51E-06	2.60E-01	0.00E+00	9.82E-01	1.38E-08	9.82E-01	1.24E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	2.98E-03
WH37586406D	2.14E-04	3.89E-02	7.16E-05	3.88E-02	0.00E+00	0.00E+00	7.35E-02	1.02E-07	2.43E-05	3.90E-04	0.00E+00	1.71E-03	4.89E-12	1.17E-10	5.59E-02	1.08E-03	0.00E+00	0.00E+00	7.00E-05	6.57E-03	9.82E-01	0.00E+00	1.89E-10	1.60E-09	7.64E-05	1.51E-06	2.60E-01	0.00E+00	9.82E-01	1.38E-08	9.82E-01	1.24E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	2.98E-03
WH37586411D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37586429D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37588300D	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH37588305D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37588306D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37590200D	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH37590205D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37590206D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37593200D	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH37593205D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37595200D	5.13E-04	1.00E-01	1.84E-04	9.99E-02	0.00E+00	0.00E+00	1.89E-01	2.63E-07	6.24E-05	1.00E-03	0.00E+00	4.38E-03	1.26E-11	3.01E-10	1.44E-01	2.77E-03	0.00E+00	0.00E+00	1.80E-04	1.69E-02	2.53E+00	0.00E+00	4.85E-10	4.13E-09	1.96E-04	3.88E-06	6.68E-01	0.00E+00	2.53E+00	3.54E-08	2.53E+00	3.19E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	7.66E-03
WH37595205D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37595206D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37596200D	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH37596205D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37596206D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37620300D	2.18E-04	4.26E-02	7.84E-05	4.25E-02	0.00E+00	0.00E+00	8.05E-02	1.12E-07	2.66E-05	4.27E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.67E-05	7.19E-03	1.08E+00	0.00E+00	2.06E-10	1.76E-09	8.37E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.26E-03
WH37620305D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37620306D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37620700D	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH37623300D	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH37623305D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37625300D	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH37625305D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37625306D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37625700D	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH37628306D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37629000D	6.86E-03	1.34E+00	2.46E-03	1.34E+00	0.00E+00	0.00E+00	2.53E+00	3.53E-06	8.36E-04	1.34E-02	0.00E+00	5.87E-02	1.68E-10	4.02E-09	1.93E+00	3.71E-02	0.00E+00	0.00E+00	2.41E-03	2.26E-01	3.38E+01	0.00E+00	6.49E-09	5.52E-08	2.63E-03	5.19E-05	8.95E+00	0.00E+00	3.38E+01	4.74E-07	3.38E+01	4.28E+01	8.95E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
WH37629100D	3.32E-03	6.49E-01	1.19E-03	6.47E-01	0.00E+00	0.00E+00	1.23E+00	1.71E-06	4.05E-04	6.50E-03	0.00E+00	2.84E-02	8.16E-11	1.95E-09	9.32E-01	1.79E-02	0.00E+00	0.00E+00	1.17E-03	1.10E-01	1.64E+01	0.00E+00	3.14E-09	2.67E-08	1.27E-03	2.51E-05	4.33E+00	0.00E+00	1.64E+01	2.29E-07	1.64E+01	2.07E+01	4.33E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02
WH37640300D	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH37640305D	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH37640306D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37640700D	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH37640705D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37643300D	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH37643306D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37645300D	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WH37645305D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37645306D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37645700D	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH37645705D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37648300D	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH37648305D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37648306D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH37649000D	3.32E-03	6.49E-01	1.19E-03	6.47E-01	0.00E+00	0.00E+00	1.23E+00	1.71E-06	4.05E-04	6.50E-03	0.00E+00	2.84E-02	8.16E-11	1.95E-09	9.32E-01	1.79E-02	0.00E+00	0.00E+00	1.17E-03	1.10E-01	1.64E+01	0.00E+00	3.14E-09	2.67E-08	1.27E-03	2.51E-05	4.33E+00	0.00E+00	1.64E+01	2.29E-07	1.64E+01	2.07E+01	4.33E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02
WH37649100D	6.89E-03	1.35E+00	2.48E-03	1.34E+00	0.00E+00	0.00E+00	2.54E+00	3.54E-06	8.39E-04	1.35E-02	0.00E+00	5.90E-02	1.69E-10	4.04E-09	1.93E+00	3.72E-02	0.00E+00	0.00E+00	2.42E-03	2.27E-01	3.40E+01	0.00E+00	6.52E-09	5.55E-08	2.64E-03	5.21E-05	8.98E+00	0.00E+00	3.40E+01	4.76E-07	3.40E+01	4.29E+01	8.98E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
WH37660205D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37660590D	5.42E-04	1.06E-01	1.95E-04	1.06E-01	0.00E+00	0.00E+00	2.00E-01	2.78E-07	6.60E-05	1.06E-03	0.00E+00	4.63E-03	1.33E-11	3.18E-10	1.52E-01	2.93E-03	0.00E+00	0.00E+00	1.90E-04	1.79E-02	2.67E+00	0.00E+00	5.12E-10	4.36E-09	2.08E-04	4.10E-06	7.06E-01	0.00E+00	2.67E+00	3.74E-08	2.67E+00	3.38E+00	7.06E-01	0.00E+00	0.00E+00	0.00E+00	8.10E-03
WH37660900D	5.41E-04	1.06E-01	1.94E-04	1.05E-01	0.00E+00	0.00E+00	1.99E-01	2.78E-07	6.59E-05	1.06E-03	0.00E+00	4.63E-03	1.33E-11	3.17E-10	1.52E-01	2.92E-03	0.00E+00	0.00E+00	1.90E-04	1.78E-02	2.67E+00	0.00E+00	5.12E-10	4.35E-09	2.07E-04	4.09E-06	7.05E-01	0.00E+00	2.67E+00	3.74E-08	2.67E+00	3.37E+00	7.05E-01	0.00E+00	0.00E+00	0.00E+00	8.09E-03
WH37661000D	5.81E-04	1.06E-01	1.94E-04	1.05E-01	0.00E+00	0.00E+00	1.99E-01	2.78E-07	6.59E-05	1.06E-03	0.00E+00	4.63E-03	1.33E-11	3.17E-10	1.52E-01	2.92E-03	0.00E+00	0.00E+00	1.90E-04	1.78E-02	2.67E+00	0.00E+00	5.12E-10	4.35E-09	2.07E-04	4.09E-06	7.05E-01	0.00E+00	2.67E+00	3.74E-08	2.67E+00	3.37E+00	7.05E-01	0.00E+00	0.00E+00	0.00E+00	8.09E-03
WH37661005D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37661006D	5.41E-04	1.06E-01	1.94E-04	1.05E-01	0.00E+00	0.00E+00	1.99E-01	2.78E-07	6.59E-05	1.06E-03	0.00E+00	4.63E-03	1.33E-11	3.17E-10	1.52E-01	2.92E-03	0.00E+00	0.00E+00	1.90E-04	1.78E-02	2.67E+00	0.00E+00	5.12E-10	4.35E-09	2.07E-04	4.09E-06	7.05E-01	0.00E+00	2.67E+00	3.74E-08	2.67E+00	3.37E+00	7.05E-01	0.00E+00	0.00E+00	0.00E+00	8.09E-03
WH37682100D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37682200D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37682300D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37682400D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37682500D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37682600D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02

WH37683100D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37683106D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37683200D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37683205D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37683206D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37683300D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37683305D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37683306D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37683400D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37683406D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37683500D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37683506D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37683600D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37683606D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37685300D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37685400D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37685500D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37687000D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37687100D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37687200D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37687300D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37687305D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37687400D	1.02E-03	1.99E-01	3.66E-04	1.99E-01	0.00E+00	0.00E+00	3.76E-01	5.24E-07	1.24E-04	2.00E-03	0.00E+00	8.73E-03	2.50E-11	5.98E-10	2.86E-01	5.51E-03	0.00E+00	0.00E+00	3.59E-04	3.36E-02	5.03E+00	0.00E+00	9.65E-10	8.21E-09	3.91E-04	7.72E-06	1.33E+00	0.00E+00	5.03E+00	7.04E-08	5.03E+00	6.36E+00	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02
WH37687405D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37687500D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37687505D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37687506D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37687600D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37687605D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37687700D	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH37687800D	1.04E-03	1.99E-01	1.35E-04	1.99E-01	0.00E+00	0.00E+00	3.74E-01	1.35E-07	1.25E-04	2.00E-03	0.00E+00	8.41E-03	2.51E-11	6.00E-10	2.84E-01	1.99E-03	0.00E+00	0.00E+00	8.97E-04	3.36E-02	5.05E+00	0.00E+00	9.58E-10	8.25E-09	3.93E-04	4.98E-06	7.33E-01	0.00E+00	5.05E+00	4.62E-08	5.05E+00	6.36E+00	7.33E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
WH37693300D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37693400D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37732100D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37732200D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37732300D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37733100D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH37733200D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37733300D	5.03E-04	9.61E-02	6.52E-05	9.59E-02	0.00E+00	0.00E+00	1.80E-01	6.51E-08	6.01E-05	9.66E-04	0.00E+00	4.05E-03	1.21E-11	2.89E-10	1.37E-01	9.60E-04	0.00E+00	0.00E+00	4.33E-04	1.62E-02	2.44E+00	0.00E+00	4.62E-10	3.98E-09	1.89E-04	2.40E-06	3.53E-01	0.00E+00	2.44E+00	2.23E-08	2.44E+00	3.07E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
WH37893400D	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH385703E	8.38E-04	1.60E-01	1.09E-04	1.60E-01	0.00E+00	0.00E+00	3.01E-01	1.09E-07	1.00E-04	1.61E-03	0.00E+00	6.76E-03	2.02E-11	4.82E-10	2.28E-01	1.60E-03	0.00E+00	0.00E+00	7.21E-04	2.70E-02	4.06E+00	0.00E+00	7.70E-10	6.63E-09	3.16E-04	4.00E-06	5.89E-01	0.00E+00	4.06E+00	3.71E-08	4.06E+00	5.11E+00	5.89E-01	0.00E+00	0.00E+00	0.00E+00	3.09E-02
WH38585300D	4.28E-04	8.19E-02	5.55E-05	8.17E-02	0.00E+00	0.00E+00	1.54E-01	5.55E-08	5.12E-05	8.23E-04	0.00E+00	3.45E-03	1.03E-11	2.46E-10	1.16E-01	8.18E-04	0.00E+00	0.00E+00	3.69E-04	1.38E-02	2.07E+00	0.00E+00	3.93E-10	3.39E-09	1.61E-04	2.05E-06	3.01E-01	0.00E+00	2.07E+00	1.90E-08	2.07E+00	2.61E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
WH38585305D	2.12E-04	4.04E-02	8.93E-04	3.95E-02	0.00E+00	0.00E+00	6.06E-02	9.68E-08	2.48E-05	3.97E-04	0.00E+00	1.12E-03	5.00E-12	1.18E-10	5.29E-02	1.07E-03	0.00E+00	0.00E+00	7.16E-05	6.09E-03	9.69E-01	0.00E+00	1.73E-10	1.66E-09	7.85E-05	1.44E-06	2.27E-01	0.00E+00	9.69E-01	1.31E-08	9.69E-01	1.20E+00	2.27E-01	0.00E+00	0.00E+00	0.00E+00	3.06E-03
WH38585306D	2.79E-04	5.34E-02	3.62E-05	5.33E-02	0.00E+00	0.00E+00	1.00E-01	3.62E-08	3.34E-05	5.37E-04	0.00E+00	2.25E-03	6.73E-12	1.61E-10	7.60E-02	5.33E-04	0.00E+00	0.00E+00	2.40E-04	9.00E-03	1.35E+00	0.00E+00	2.57E-10	2.21E-09	1.05E-04	1.33E-06	1.96E-01	0.00E+00	1.35E+00	1.24E-08	1.35E+00	1.70E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
WH38750400Z	3.54E-04	6.77E-02	4.59E-05	6.75E-02	0.00E+00	0.00E+00	1.27E-01	4.58E-08	4.23E-05	6.80E-04	0.00E+00	2.85E-03	8.53E-12	2.04E-10	9.62E-02	6.76E-04	0.00E+00	0.00E+00	3.04E-04	1.14E-02	1.71E+00	0.00E+00	3.25E-10	2.80E-09	1.33E-04	1.69E-06	2.49E-01	0.00E+00	1.71E+00	1.57E-08	1.71E+00	2.16E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	1.31E-02
WH39620300D	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WH39620305D	4.09E-04	7.83E-02	5.31E-05	7.81E-02	0.00E+00	0.00E+00	1.47E-01	5.30E-08	4.90E-05	7.87E-04	0.00E+00	3.30E-03	9.88E-12	2.36E-10	1.11E-01	7.82E-04	0.00E+00	0.00E+00	3.53E-04	1.32E-02	1.98E+00	0.00E+00	3.76E-10	3.24E-09	1.54E-04	1.96E-06	2.88E-01	0.00E+00	1.98E+00	1.81E-08	1.98E+00	2.50E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.51E-02
WH39620400D	2.19E-04	4.27E-02	7.85E-05	4.26E-02	0.00E+00	0.00E+00	8.06E-02	1.12E-07	2.66E-05	4.28E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.68E-05	7.20E-03	1.08E+00	0.00E+00	2.07E-10	1.76E-09	8.38E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-03
WHDY11580100C	1.80E-04	3.52E-02	6.48E-05	3.51E-02	0.00E+00	0.00E+00	6.65E-02	9.27E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.06E-02	9.74E-04	0.00E+00	0.00E+00	6.34E-05	5.94E-03	8.88E-01	0.00E+00	1.71E-10	1.45E-09	6.91E-05	1.36E-06	2.35E-01	0.00E+00	8.88E-01	1.25E-08	8.88E-01	1.12E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WHDY11592200C	2.98E-04	5.70E-02	3.86E-05	5.68E-02	0.00E+00	0.00E+00	1.07E-01	3.86E-08	3.56E-05	5.72E-04	0.00E+00	2.40E-03	7.18E-12	1.71E-10	8.10E-02	5.69E-04	0.00E+00	0.00E+00	2.56E-04	9.60E-03	1.44E+00	0.00E+00	2.74E-10	2.36E-09	1.12E-04	1.42E-06	2.09E-01	0.00E+00	1.44E+00	1.32E-08	1.44E+00	1.82E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
WHDY11640100C	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WHDY14580100Q	1.80E-04	3.52E-02	6.48E-05	3.51E-02	0.00E+00	0.00E+00	6.65E-02	9.27E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.06E-02	9.74E-04	0.00E+00	0.00E+00	6.34E-05	5.94E-03	8.88E-01	0.00E+00	1.71E-10	1.45E-09	6.91E-05	1.36E-06	2.35E-01	0.00E+00	8.88E-01	1.25E-08	8.88E-01	1.12E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WHDY14585400Q	8.75E-04	1.67E-01	1.13E-04	1.67E-01	0.00E+00	0.00E+00	3.14E-01	1.13E-07	1.05E-04	1.68E-03	0.00E+00	7.06E-03	2.11E-11	5.04E-10	2.38E-01	1.67E-03	0.00E+00	0.00E+00	7.53E-04	2.82E-02	4.24E+00	0.00E+00	8.04E-10	6.93E-09	3.30E-04	4.18E-06	6.15E-01	0.00E+00	4.24E+00	3.88E-08	4.24E+00	5.34E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
WHDY14592200Q	8.75E-04	1.67E-01	1.13E-04	1.67E-01	0.00E+00	0.00E+00	3.14E-01	1.13E-07	1.05E-04	1.68E-03	0.00E+00	7.06E-03	2.11E-11	5.04E-10	2.38E-01	1.67E-03	0.00E+00	0.00E+00	7.53E-04	2.82E-02	4.24E+00	0.00E+00	8.04E-10	6.93E-09	3.30E-04	4.18E-06	6.15E-01	0.00E+00	4.24E+00	3.88E-08	4.24E+00	5.34E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
WHDY14595200Q	8.75E-04	1.67E-01	1.13E-04	1.67E-01	0.00E+00	0.00E+00	3.14E-01	1.13E-07	1.05E-04	1.68E-03	0.00E+00	7.06E-03	2.11E-11	5.04E-10	2.38E-01	1.67E-03	0.00E+00	0.00E+00	7.53E-04	2.82E-02	4.24E+00	0.00E+00	8.04E-10	6.93E-09	3.30E-04	4.18E-06	6.15E-01	0.00E+00	4.24E+00	3.88E-08	4.24E+00	5.34E+00	6.15E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
WHDY14640500Q	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WHDY23580100Q	1.80E-04	3.52E-02	6.48E-05	3.51E-02	0.00E+00	0.00E+00	6.65E-02	9.27E-08	2.20E-05	3.53E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.06E-02	9.74E-04	0.00E+00	0.00E+00	6.34E-05	5.94E-03	8.88E-01	0.00E+00	1.71E-10	1.45E-09	6.91E-05	1.36E-06	2.35E-01	0.00E+00	8.88E-01	1.25E-08	8.88E-01	1.12E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03
WHDY23595200Q	1.01E-03	1.92E-01	1.30E-04	1.92E-01	0.00E+00	0.00E+00	3.61E-01	1.30E-07	1.20E-04	1.93E-03	0.00E+00	8.11E-03	2.42E-11	5.79E-10	2.73E-01	1.92E-03	0.00E+00	0.00E+00	8.65E-04	3.24E-02	4.87E+00	0.00E+00	9.24E-10	7.96E-09	3.79E-04	4.80E-06	7.07E-01	0.00E+00	4.87E+00	4.45E-08	4.87E+00	6.13E+00	7.07E-01	0.00E+00	0.00E+00	0.00E+00	3.71E-02
WHDY23620100Q	2.18E-04	4.26E-02	7.84E-05	4.25E-02	0.00E+00	0.00E+00	8.05E-02	1.12E-07	2.66E-05	4.27E-04	0.00E+00	1.87E-03	5.36E-12	1.28E-10	6.13E-02	1.18E-03	0.00E+00	0.00E+00	7.67E-05	7.19E-03	1.08E+00	0.00E+00	2.06E-10	1.76E-09	8.37E-05	1.65E-06	2.85E-01	0.00E+00	1.08E+00	1.51E-08	1.08E+00	1.36E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	3.26E-03
WHDY23640100Q	2.47E-04	4.82E-02	8.86E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.67E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-09	9.46E-05	1.87E-06	3.22E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03
WJA100B	2.73E-04	5.32E-02	9.79E-05	5.31E-02	0.00E+00	0.00E+00	1.01E-01	1.40E-07	3.32E-05	5.34E-04	0.00E+00	2.33E-03	6.69E-12	1.60E-10	7.65E-02	1.47E-03	0.00E+00	0.00E+00	9.58E-05	8.99E-03	1.34E+00	0.00E+00	2.58E-10	2.20E-09	1.05E-04	2.06E-06	3.56E-01	0.00E+00	1.34E+00	1.88E-08	1.34E+00	1.70E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	4.08E-03
WJA102B	1.12E-04	2.14E-02	1.45E-05	2.13E-02	0.00E+00	0.00E+00	4.01E-02	1.45E-08	1.34E-05	2.15E-04	0.00E+00	9.01E-04	2.69E-12	6.43E-11	3.04E-02	2.13E-04	0.00E+00	0.00E+00	9.61E-05	3.60E-03	5.41E-01	0.00E+00	1.03E-10	8.84E-10	4.21E-05	5.34E-07	7.85E-02	0.00E+00	5.41E-01	4.95E-09	5.41E-01	6.82E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	4.13E-03
WJA122B	1.12E-04	2.14E-02	1.45E-05	2.13E-02	0.00E+00	0.00E+00	4.01E-02	1.45E-08	1.34E-05	2.15E-04	0.00E+00	9.01E-04	2.69E-12	6.43E-11	3.04E-02	2.13E-04	0.00E+00	0.00E+00	9.61E-05	3.60E-03	5.41E-01	0.00E+00	1.03E-10	8.84E-10	4.21E-05	5.34E-07	7.85E-02	0.00E+00	5.41E-01	4.95E-09	5.41E-01	6.82E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	4.13E-03
WJA160B	4.58E-03	8.76E-01	5.94E-04	8.74E-01	0.00E+00	0.00E+00	1.64E+00	5.93E-07	5.48E-04	8.80E-03	0.00E+00	3.69E-02	1.10E-10	2.64E-09	1.25E+00	8.75E-03	0.00E+00	0.00E+00	3.94E-03	1.48E-01	2.22E+01	0.00E+00	4.21E-09	3.63E-08	1.73E-03	2.19E-05	3.22E+00	0.00E+00	2.22E+01	2.03E-07	2.22E+01	2.79E+01	3.22E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-01
WJC100B	2.73E-04	5.34E-02	9.82E-05	5.33E-02	0.00E+00	0.00E+00	1.01E-01	1.40E-07	3.33E-05	5.35E-04	0.00E+00	2.34E-03	6.71E-12	1.60E-10	7.67E-02	1.48E-03	0.00E+00	0.00E+00	9.60E-05	9.01E-03	1.35E+00	0.00E+00	2.59E-10	2.20E-09	1.05E-04	2.07E-06	3.56E-01	0.00E+00	1.35E+00	1.89E-08	1.35E+00	1.70E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	4.09E-03
WJC102B	1.12E-04	2.14E-02	1.45E-05	2.13E-02	0.00E+00	0.00E+00	4.01E-02	1.45E-08	1.34E-05	2.15E-04	0.00E+00	9.01E-04	2.69E-12	6.43E-11	3.04E-02	2.13E-04	0.00E+00	0.00E+00	9.61E-05	3.60E-03	5.41E-01	0.00E+00	1.03E-10	8.84E-10	4.21E-05	5.34E-07	7.85E-02	0.00E+00	5.41E-01	4.95E-09	5.41E-01	6.82E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	4.13E-03
WJC122B	1.12E-04	2.14E-02	1.45E-05	2.13E-02	0.00E+00	0.00E+00	4.01E-02	1.45E-08	1.34E-05	2.15E-04	0.00E+00	9.01E-04	2.69E-12	6.43E-11	3.04E-02	2.13E-04	0.00E+00	0.00E+00	9.61E-05	3.60E-03	5.41E-01	0.00E+00	1.03E-10	8.84E-10	4.21E-05	5.34E-07	7.85E-02	0.00E+00	5.41E-01	4.95E-09	5.41E-01	6.82E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	4.13E-03
WJC132B	1.12E-04	2.14E-02	1.45E-05	2.13E-02	0.00E+00	0.00E+00	4.01E-02	1.45E-08	1.34E-05	2.15E-04	0.00E+00	9.01E-04	2.69E-12	6.43E-11	3.04E-02	2.13E-04	0.00E+00	0.00E+00	9.61E-05	3.60E-03	5.41E-01	0.00E+00	1.03E-10	8.84E-10	4.21E-05	5.34E-07	7.85E-02	0.00E+00	5.41E-01	4.95E-09	5.41E-01	6.82E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	4.13E-03
WJC142B	1.12E-04	2.14E-02	1.45E-05	2.13E-02	0.00E+00	0.00E+00	4.01E-02	1.45E-08	1.34E-05	2.15E-04	0.00E+00	9.01E-04	2.69E-12	6.43E-11	3.04E-02	2.13E-04	0.00E+00	0.00E+00	9.61E-05	3.60E-03	5.41E-01	0.00E+00	1.03E-10	8.84E-10	4.21E-05	5.34E-07	7.85E-02	0.00E+00	5.41E-01	4.95E-09	5.41E-01	6.82E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	4.13E-03
WJC157B	1.12E-04	2.14E-02	1.45E-05	2.13E-02	0.00E+00	0.00E+00	4.01E-02	1.45E-08	1.34E-05	2.15E-04	0.00E+00	9.01E-04	2.69E-12	6.43E-11	3.04E-02	2.13E-04	0.00E+00	0.00E+00	9.61E-05	3.60E-03	5.41E-01	0.00E+00	1.03E-10	8.84E-10	4.21E-05	5.34E-07	7.85E-02	0.00E+00	5.41E-01	4.95E-09	5.41E-01	6.82E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	4.13E-03
WJC160B	1.12E-04	2.14E-02	1.45E-05	2.13E-02	0.00E+00	0.00E+00	4.01E-02	1.45E-08	1.34E-05	2.15E-04	0.00E+00	9.01E-04	2.69E-12	6.43E-11	3.04E-02	2.13E-04	0.00E+00	0.00E+00	9.61E-05	3.60E-03	5.41E-01	0.00E+00	1.03E-10	8.84E-10	4.21E-05	5.34E-07	7.85E-02	0.00E+00	5.41E-01	4.95E-09	5.41E-01	6.82E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	4.13E-03
WJC162B	1.12E-04	2.14E-02	1.45E-05	2.13E-02	0.00E+00	0.00E+00	4.01E-02	1.45E-08	1.34E-05	2.15E-04	0.00E+00	9.01E-04	2.69E-12	6.43E-11	3.04E-02	2.13E-04	0.00E+00	0.00E+00	9.61E-05	3.60E-03	5.41E-01	0.00E+00	1.03E-10	8.84E-10	4.21E-05	5.34E-07	7.85E-02	0.00E+00	5.41E-01	4.95E-09	5.41E-01	6.82E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	4.13E-03
WMS51	1.12E-04	2.04E-02	3.76E-05	2.04E-02	0.00E+00	0.00E+00	3.86E-02	5.38E-08	1.28E-05	2.05E-04	0.00E+00	8.96E-04	2.57E-12	6.14E-11	2.94E-02	5.66E-04	0.00E+00	0.00E+00	3.68E-05	3.45E-03	5.16E-01	0.00E+00	9.91E-11	8.43E-10	4.02E-05	7.92E-07	1.37E-01	0.00E+00	5.16E-01	7.23E-09	5.16E-01	6.53E-01	1.37E-01	0.00E+00	0.00E+00	0.00E+00	1.57E-03
WMS81	7.13E-04	1.30E-01	2.39E-04	1.29E-01	0.00E+00	0.00E+00	2.45E-01	3.41E-07	8.10E-05	1.30E-03	0.00E+00	5.69E-03	1.63E-11	3.90E-10	1.86E-01	3.59E-03	0.00E+00	0.00E+00	2.33E-04	2.19E-02	3.27E+00	0.00E+00	6.29E-10	5.35E-09	2.55E-04	5.03E-06	8.67E-01	0.00E+00	3.27E+00	4.59E-08	3.27E+00	4.14E+00	8.67E-01	0.00E+00	0.00E+00	0.00E+00	9.94E-03
WMS812LN	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WMS82	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WMSO100	2.40E-03	4.69E-01	8.63E-04	4.68E-01	0.00E+00	0.00E+00	8.86E-01	1.23E-06	2.93E-04	4.70E-03	0.00E+00	2.05E-02	5.89E-11	1.41E-09	6.74E-01	1.30E-02	0.00E+00	0.00E+00	8.44E-04	7.92E-02	1.18E+01	0.00E+00	2.27E-09	1.93E-08	9.21E-04	1.82E-05	3.13E+00	0.00E+00	1.18E+01	1.66E-07	1.18E+01	1.50E+01	3.13E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02
WMSS115	1.71E-03	3.28E-01	2.22E-04	3.27E-01	0.00E+00	0.00E+00	6.15E-01	2.22E-07	2.05E-04	3.29E-03	0.00E+00	1.38E-02	4.13E-11	9.86E-10	4.66E-01	3.27E-03	0.00E+00	0.00E+00	1.47E-03	5.52E-02	8.30E+00	0.00E+00	1.57E-09	1.36E-08	6.46E-04	8.18E-06	1.20E+00	0.00E+00	8.30E+00	7.59E-08	8.30E+00	1.05E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-02
WMSS81	1.01E-03	1.83E-01	3.37E-04	1.83E-01	0.00E+00	0.00E+00	3.46E-01	4.83E-07	1.14E-04	1.84E-03	0.00E+00	8.03E-03	2.30E-11	5.51E-10	2.63E-01	5.07E-03	0.00E+00	0.00E+00	3.30E-04	3.09E-02	4.63E+00	0.00E+00	8.88E-10	7.56E-09	3.60E-04	7.10E-06	1.22E+00	0.00E+00	4.63E+00	6.48E-08	4.63E+00	5.85E+00	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02
WMSS81G	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WMSS81N	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WMSS81R	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WMSS81RR	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WMSS82	1.36E-03	2.48E-01	4.57E-04	2.48E-01	0.00E+00	0.00E+00	4.69E-01	6.53E-07	1.55E-04	2.49E-03	0.00E+00	1.09E-02	3.12E-11	7.45E-10	3.57E-01	6.87E-03	0.00E+00	0.00E+00	4.47E-04	4.19E-02	6.26E+00	0.00E+00	1.20E-09	1.02E-08	4.87E-04	9.62E-06	1.66E+00	0.00E+00	6.26E+00	8.78E-08	6.26E+00	7.92E+00	1.66E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02
WMSS82N	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02

WMSS82O	1.18E-03	2.15E-01	3.96E-04	2.15E-01	0.00E+00	0.00E+00	4.06E-01	5.66E-07	1.34E-04	2.16E-03	0.00E+00	9.42E-03	2.70E-11	6.46E-10	3.09E-01	5.95E-03	0.00E+00	0.00E+00	3.87E-04	3.63E-02	5.43E+00	0.00E+00	1.04E-09	8.87E-09	4.22E-04	8.33E-06	1.44E+00	0.00E+00	5.43E+00	7.61E-08	5.43E+00	6.86E+00	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WMSS82OG	1.18E-03	2.15E-01	3.96E-04	2.15E-01	0.00E+00	0.00E+00	4.06E-01	5.66E-07	1.34E-04	2.16E-03	0.00E+00	9.42E-03	2.70E-11	6.46E-10	3.09E-01	5.95E-03	0.00E+00	0.00E+00	3.87E-04	3.63E-02	5.43E+00	0.00E+00	1.04E-09	8.87E-09	4.22E-04	8.33E-06	1.44E+00	0.00E+00	5.43E+00	7.61E-08	5.43E+00	6.86E+00	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WMSS82ON	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WMSS82OR	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WMSS82ORR	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WMSS82R	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WMSS82R/CS	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WMSS82R/UPS	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WMSS82RR	1.21E-03	2.31E-01	1.57E-04	2.31E-01	0.00E+00	0.00E+00	4.34E-01	1.57E-07	1.45E-04	2.33E-03	0.00E+00	9.76E-03	2.92E-11	6.96E-10	3.29E-01	2.31E-03	0.00E+00	0.00E+00	1.04E-03	3.90E-02	5.86E+00	0.00E+00	1.11E-09	9.58E-09	4.56E-04	5.78E-06	8.51E-01	0.00E+00	5.86E+00	5.36E-08	5.86E+00	7.38E+00	8.51E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
WMV100B	3.41E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
WMV100N	3.41E-04	6.66E-02	1.23E-04	6.65E-02	0.00E+00	0.00E+00	1.26E-01	1.75E-07	4.16E-05	6.68E-04	0.00E+00	2.92E-03	8.38E-12	2.00E-10	9.58E-02	1.84E-03	0.00E+00	0.00E+00	1.20E-04	1.12E-02	1.68E+00	0.00E+00	3.23E-10	2.75E-09	1.31E-04	2.58E-06	4.45E-01	0.00E+00	1.68E+00	2.36E-08	1.68E+00	2.13E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-03
WNA100	3.19E-04	6.10E-02	1.35E-03	5.97E-02	0.00E+00	0.00E+00	9.15E-02	1.46E-07	3.74E-05	5.99E-04	0.00E+00	1.68E-03	7.55E-12	1.79E-10	7.99E-02	1.62E-03	0.00E+00	0.00E+00	1.08E-04	9.20E-03	1.46E+00	0.00E+00	2.61E-10	2.50E-09	1.19E-04	2.17E-06	3.43E-01	0.00E+00	1.46E+00	1.98E-08	1.46E+00	1.81E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	4.63E-03
WNA100B	3.19E-04	6.10E-02	1.35E-03	5.97E-02	0.00E+00	0.00E+00	9.15E-02	1.46E-07	3.74E-05	5.99E-04	0.00E+00	1.68E-03	7.55E-12	1.79E-10	7.99E-02	1.62E-03	0.00E+00	0.00E+00	1.08E-04	9.20E-03	1.46E+00	0.00E+00	2.61E-10	2.50E-09	1.19E-04	2.17E-06	3.43E-01	0.00E+00	1.46E+00	1.98E-08	1.46E+00	1.81E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	4.63E-03
WNA105	3.19E-04	6.10E-02	1.35E-03	5.97E-02	0.00E+00	0.00E+00	9.15E-02	1.46E-07	3.74E-05	5.99E-04	0.00E+00	1.68E-03	7.55E-12	1.79E-10	7.99E-02	1.62E-03	0.00E+00	0.00E+00	1.08E-04	9.20E-03	1.46E+00	0.00E+00	2.61E-10	2.50E-09	1.19E-04	2.17E-06	3.43E-01	0.00E+00	1.46E+00	1.98E-08	1.46E+00	1.81E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	4.63E-03
WNA160	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
WNA160B	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.69E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-09	1.85E-04	3.65E-06	6.29E-01	0.00E+00	2.38E+00	3.33E-08	2.38E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
WNA161	4.11E-04	8.02E-02	1.48E-04	8.00E-02	0.00E+00	0.00E+00	1.51E-01	2.11E-07	5.00E-05	8.04E-04	0.00E+00	3.51E-03	1.01E-11	2.41E-10	1.15E-01	2.22E-03	0.00E+00	0.00E+00	1.44E-04	1.35E-02	2.02E+00	0.00E+00	3.89E-10	3.31E-09	1.58E-04	3.11E-06	5.36E-01	0.00E+00	2.02E+00	2.84E-08	2.02E+00	2.56E+00	5.36E-01	0.00E+00	0.00E+00	0.00E+00	6.14E-03
WNA161B	4.11E-04	8.02E-02	1.48E-04	8.00E-02	0.00E+00	0.00E+00	1.51E-01	2.11E-07	5.00E-05	8.04E-04	0.00E+00	3.51E-03	1.01E-11	2.41E-10	1.15E-01	2.22E-03	0.00E+00	0.00E+00	1.44E-04	1.35E-02	2.02E+00	0.00E+00	3.89E-10	3.31E-09	1.58E-04	3.11E-06	5.36E-01	0.00E+00	2.02E+00	2.84E-08	2.02E+00	2.56E+00	5.36E-01	0.00E+00	0.00E+00	0.00E+00	6.14E-03
WNC100	3.22E-04	6.14E-02	1.36E-03	6.01E-02	0.00E+00	0.00E+00	9.21E-02	1.47E-07	3.76E-05	6.03E-04	0.00E+00	1.70E-03	7.60E-12	1.80E-10	8.04E-02	1.63E-03	0.00E+00	0.00E+00	1.09E-04	9.26E-03	1.47E+00	0.00E+00	2.63E-10	2.52E-09	1.19E-04	2.18E-06	3.45E-01	0.00E+00	1.47E+00	1.99E-08	1.47E+00	1.82E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	4.66E-03
WNC100EC	3.22E-04	6.14E-02	1.36E-03	6.01E-02	0.00E+00	0.00E+00	9.21E-02	1.47E-07	3.76E-05	6.03E-04	0.00E+00	1.70E-03	7.60E-12	1.80E-10	8.04E-02	1.63E-03	0.00E+00	0.00E+00	1.09E-04	9.26E-03	1.47E+00	0.00E+00	2.63E-10	2.52E-09	1.19E-04	2.18E-06	3.45E-01	0.00E+00	1.47E+00	1.99E-08	1.47E+00	1.82E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	4.66E-03
WNC122	6.41E-04	1.22E-01	2.71E-03	1.20E-01	0.00E+00	0.00E+00	1.84E-01	2.93E-07	7.50E-05	1.20E-03	0.00E+00	3.38E-03	1.51E-11	3.59E-10	1.60E-01	3.25E-03	0.00E+00	0.00E+00	2.17E-04	1.85E-02	2.94E+00	0.00E+00	5.25E-10	5.02E-09	2.38E-04	4.35E-06	6.88E-01	0.00E+00	2.94E+00	3.97E-08	2.94E+00	3.62E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	9.28E-03
WNC122B	6.41E-04	1.22E-01	2.71E-03	1.20E-01	0.00E+00	0.00E+00	1.84E-01	2.93E-07	7.50E-05	1.20E-03	0.00E+00	3.38E-03	1.51E-11	3.59E-10	1.60E-01	3.25E-03	0.00E+00	0.00E+00	2.17E-04	1.85E-02	2.94E+00	0.00E+00	5.25E-10	5.02E-09	2.38E-04	4.35E-06	6.88E-01	0.00E+00	2.94E+00	3.97E-08	2.94E+00	3.62E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	9.28E-03
WNC123	9.61E-04	1.84E-01	4.05E-03	1.79E-01	0.00E+00	0.00E+00	2.75E-01	4.40E-07	1.12E-04	1.80E-03	0.00E+00	5.07E-03	2.27E-11	5.38E-10	2.40E-01	4.87E-03	0.00E+00	0.00E+00	3.25E-04	2.77E-02	4.40E+00	0.00E+00	7.86E-10	7.52E-09	3.56E-04	6.52E-06	1.03E+00	0.00E+00	4.40E+00	5.95E-08	4.40E+00	5.43E+00	1.03E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02
WNC123B	9.61E-04	1.84E-01	4.05E-03	1.79E-01	0.00E+00	0.00E+00	2.75E-01	4.40E-07	1.12E-04	1.80E-03	0.00E+00	5.07E-03	2.27E-11	5.38E-10	2.40E-01	4.87E-03	0.00E+00	0.00E+00	3.25E-04	2.77E-02	4.40E+00	0.00E+00	7.86E-10	7.52E-09	3.56E-04	6.52E-06	1.03E+00	0.00E+00	4.40E+00	5.95E-08	4.40E+00	5.43E+00	1.03E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02
WNC160	5.65E-04	1.08E-01	2.38E-03	1.06E-01	0.00E+00	0.00E+00	1.62E-01	2.58E-07	6.61E-05	1.06E-03	0.00E+00	2.98E-03	1.33E-11	3.16E-10	1.41E-01	2.86E-03	0.00E+00	0.00E+00	1.91E-04	1.63E-02	2.59E+00	0.00E+00	4.62E-10	4.42E-09	2.10E-04	3.83E-06	6.06E-01	0.00E+00	2.59E+00	3.50E-08	2.59E+00	3.19E+00	6.06E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-03
WNC160B	5.65E-04	1.08E-01	2.38E-03	1.06E-01	0.00E+00	0.00E+00	1.62E-01	2.58E-07	6.61E-05	1.06E-03	0.00E+00	2.98E-03	1.33E-11	3.16E-10	1.41E-01	2.86E-03	0.00E+00	0.00E+00	1.91E-04	1.63E-02	2.59E+00	0.00E+00	4.62E-10	4.42E-09	2.10E-04	3.83E-06	6.06E-01	0.00E+00	2.59E+00	3.50E-08	2.59E+00	3.19E+00	6.06E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-03
WNC161	5.65E-04	1.08E-01	2.38E-03	1.06E-01	0.00E+00	0.00E+00	1.62E-01	2.58E-07	6.61E-05	1.06E-03	0.00E+00	2.98E-03	1.33E-11	3.16E-10	1.41E-01	2.86E-03	0.00E+00	0.00E+00	1.91E-04	1.63E-02	2.59E+00	0.00E+00	4.62E-10	4.42E-09	2.10E-04	3.83E-06	6.06E-01	0.00E+00	2.59E+00	3.50E-08	2.59E+00	3.19E+00	6.06E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-03
WNC161B	5.65E-04	1.08E-01	2.38E-03	1.06E-01	0.00E+00	0.00E+00	1.62E-01	2.58E-07	6.61E-05	1.06E-03	0.00E+00	2.98E-03	1.33E-11	3.16E-10	1.41E-01	2.86E-03	0.00E+00	0.00E+00	1.91E-04	1.63E-02	2.59E+00	0.00E+00	4.62E-10	4.42E-09	2.10E-04	3.83E-06	6.06E-01	0.00E+00	2.59E+00	3.50E-08	2.59E+00	3.19E+00	6.06E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-03
WNC162	6.41E-04	1.22E-01	2.71E-03	1.20E-01	0.00E+00	0.00E+00	1.84E-01	2.93E-07	7.50E-05	1.20E-03	0.00E+00	3.38E-03	1.51E-11	3.59E-10	1.60E-01	3.25E-03	0.00E+00	0.00E+00	2.17E-04	1.85E-02	2.94E+00	0.00E+00	5.25E-10	5.02E-09	2.38E-04	4.35E-06	6.88E-01	0.00E+00	2.94E+00	3.97E-08	2.94E+00	3.62E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	9.28E-03
WNC162B	6.41E-04	1.22E-01	2.71E-03	1.20E-01	0.00E+00	0.00E+00	1.84E-01	2.93E-07	7.50E-05	1.20E-03	0.00E+00	3.38E-03	1.51E-11	3.59E-10	1.60E-01	3.25E-03	0.00E+00	0.00E+00	2.17E-04	1.85E-02	2.94E+00	0.00E+00	5.25E-10	5.02E-09	2.38E-04	4.35E-06	6.88E-01	0.00E+00	2.94E+00	3.97E-08	2.94E+00	3.62E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	9.28E-03
WNC164	5.65E-04	1.08E-01	2.38E-03	1.06E-01	0.00E+00	0.00E+00	1.62E-01	2.58E-07	6.61E-05	1.06E-03	0.00E+00	2.98E-03	1.33E-11	3.16E-10	1.41E-01	2.86E-03	0.00E+00	0.00E+00	1.91E-04	1.63E-02	2.59E+00	0.00E+00	4.62E-10	4.42E-09	2.10E-04	3.83E-06	6.06E-01	0.00E+00	2.59E+00	3.50E-08	2.59E+00	3.19E+00	6.06E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-03
WNC165	9.42E-04	1.80E-01	3.97E-03	1.76E-01	0.00E+00	0.00E+00	2.70E-01	4.31E-07	1.10E-04	1.77E-03	0.00E+00	4.97E-03	2.22E-11	5.27E-10	2.35E-01	4.77E-03	0.00E+00	0.00E+00	3.19E-04	2.71E-02	4.31E+00	0.00E+00	7.70E-10	7.37E-09	3.49E-04	6.39E-06	1.01E+00	0.00E+00	4.31E+00	5.83E-08	4.31E+00	5.32E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02
WNC166	5.65E-04	1.08E-01	2.38E-03	1.06E-01	0.00E+00	0.00E+00	1.62E-01	2.58E-07	6.61E-05	1.06E-03	0.00E+00	2.98E-03	1.33E-11	3.16E-10	1.41E-01	2.86E-03	0.00E+00	0.00E+00	1.91E-04	1.63E-02	2.59E+00	0.00E+00	4.62E-10	4.42E-09	2.10E-04	3.83E-06	6.06E-01	0.00E+00	2.59E+00	3.50E-08	2.59E+00	3.19E+00	6.06E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-03
WNC166B	5.65E-04	1.08E-01	2.38E-03	1.06E-01	0.00E+00	0.00E+00	1.62E-01	2.58E-07	6.61E-05	1.06E-03	0.00E+00	2.98E-03	1.33E-11	3.16E-10	1.41E-01	2.86E-03	0.00E+00	0.00E+00	1.91E-04	1.63E-02	2.59E+00	0.00E+00	4.62E-10	4.42E-09	2.10E-04	3.83E-06	6.06E-01	0.00E+00	2.59E+00	3.50E-08	2.59E+00	3.19E+00	6.06E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-03
WNC172	6.41E-04	1.22E-01	2.71E-03	1.20E-01	0.00E+00	0.00E+00	1.84E-01	2.93E-07	7.50E-05	1.20E-03	0.00E+00	3.38E-03	1.51E-11	3.59E-10	1.60E-01	3.25E-03	0.00E+00	0.00E+00	2.17E-04	1.85E-02	2.94E+00	0.00E+00	5.25E-10	5.02E-09	2.38E-04	4.35E-06	6.88E-01	0.00E+00	2.94E+00	3.97E-08	2.94E+00	3.62E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	9.28E-03
WNC172B	6.41E-04	1.22E-01	2.71E-03	1.20E-01	0.00E+00	0.00E+00	1.84E-01	2.93E-07	7.50E-05	1.20E-03	0.00E+00	3.38E-03	1.51E-11	3.59E-10	1.60E-01	3.25E-03	0.00E+00	0.00E+00	2.17E-04	1.85E-02	2.94E+00	0.00E+00	5.25E-10	5.02E-09	2.38E-04	4.35E-06	6.88E-01	0.00E+00	2.94E+00	3.97E-08	2.94E+00	3.62E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	9.28E-03
WNC174	6.41E-04	1.22E-01	2.71E-03	1.20E-01	0.00E+00	0.00E+00	1.84E-01	2.93E-07	7.50E-05	1.20E-03	0.00E+00	3.38E-03	1.51E-11	3.59E-10	1.60E-01	3.25E-03	0.00E+00	0.00E+00	2.17E-04	1.85E-02	2.94E+00	0.00E+00	5.25E-10	5.02E-09	2.38E-04	4.35E-06	6.88E-01	0.00E+00	2.94E+00	3.97E-08	2.94E+00	3.62E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	9.28E-03
WNE160B	5.65E-04	1.08E-01	2.38E-03	1.06E-01	0.00E+00	0.00E+00	1.62E-01	2.58E-07	6.61E-05	1.06E-03	0.00E+00	2.98E-03	1.33E-11	3.16E-10	1.41E-01	2.86E-03	0.00E+00	0.00E+00	1.91E-04	1.63E-02	2.59E+00	0.00E+00	4.62E-10	4.42E-09	2.10E-04	3.83E-06	6.06E-01	0.00E+00	2.59E+00	3.50E-08	2.59E+00	3.19E+00	6.06E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-03
WNE161B	5.65E-04	1.08E-01	2.38E-03	1.06E-01	0.00E+00	0.00E+00	1.62E-01	2.58E-07	6.61E-05	1.06E-03	0.00E+00	2.98E-03	1.33E-11	3.16E-10	1.41E-01	2.86E-03	0.00E+00	0.00E+00	1.91E-04	1.63E-02	2.59E+00	0.00E+00	4.62E-10	4.42E-09	2.10E-04	3.83E-06	6.06E-01	0.00E+00	2.59E+00	3.50E-08	2.59E+00	3.19E+00	6.06E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-03
WPS51BKO	1.62E-03	3.10E-01	2.10E-04	3.09E-01	0.00E+00	0.00E+00	5.81E-01	2.10E-07	1.94E-04	3.11E-03	0.00E+00	1.31E-02	3.91E-11	9.32E-10	4.41E-01	3.09E-03	0.00E+00	0.00E+00	1.39E-03	5.22E-02	7.85E+00	0.00E+00	1.49E-09	1.28E-08	6.10E-04	7.74E-06	1.14E+00	0.00E+00	7.85E+00	7.17E-08	7.85E+00	9.88E+00	1.14E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
WPSS81	1.62E-03	3.10E-01	2.10E-04	3.09E-01	0.00E+00	0.00E+00	5.81E-01	2.10E-07	1.94E-04	3.11E-03	0.00E+00	1.31E-02	3.91E-11	9.32E-10	4.41E-01	3.09E-03	0.00E+00	0.00E+00	1.39E-03	5.22E-02	7.85E+00	0.00E+00	1.49E-09	1.28E-08	6.10E-04	7.74E-06	1.14E+00	0.00E+00	7.85E+00	7.17E-08	7.85E+00	9.88E+00	1.14E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
WPSS81BKO	1.62E-03	3.10E-01	2.10E-04	3.09E-01	0.00E+00	0.00E+00	5.81E-01	2.10E-07	1.94E-04	3.11E-03	0.00E+00	1.31E-02	3.91E-11	9.32E-10	4.41E-01	3.09E-03	0.00E+00	0.00E+00	1.39E-03	5.22E-02	7.85E+00	0.00E+00	1.49E-09	1.28E-08	6.10E-04	7.74E-06	1.14E+00	0.00E+00	7.85E+00	7.17E-08	7.85E+00	9.88E+00	1.14E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
WPSS81W	1.62E-03	3.10E-01	2.10E-04	3.09E-01	0.00E+00	0.00E+00	5.81E-01	2.10E-07	1.94E-04	3.11E-03	0.00E+00	1.31E-02	3.91E-11	9.32E-10	4.41E-01	3.09E-03	0.00E+00	0.00E+00	1.39E-03	5.22E-02	7.85E+00	0.00E+00	1.49E-09	1.28E-08	6.10E-04	7.74E-06	1.14E+00	0.00E+00	7.85E+00	7.17E-08	7.85E+00	9.88E+00	1.14E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
WPSS82BKO	1.10E-03	2.15E-01	3.96E-04	2.15E-01	0.00E+00	0.00E+00	4.06E-01	5.66E-07	1.34E-04	2.16E-03	0.00E+00	9.42E-03	2.70E-11	6.46E-10	3.09E-01	5.95E-03	0.00E+00	0.00E+00	3.87E-04	3.63E-02	5.43E+00	0.00E+00	1.04E-09	8.87E-09	4.22E-04	8.33E-06	1.44E+00	0.00E+00	5.43E+00	7.61E-08	5.43E+00	6.86E+00	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-02
WPSS82NW	1.62E-03	3.10E-01	2.10E-04	3.09E-01	0.00E+00	0.00E+00	5.81E-01	2.10E-07	1.94E-04	3.11E-03	0.00E+00	1.31E-02	3.91E-11	9.32E-10	4.41E-01	3.09E-03	0.00E+00	0.00E+00	1.39E-03	5.22E-02	7.85E+00	0.00E+00	1.49E-09	1.28E-08	6.10E-04	7.74E-06	1.14E+00	0.00E+00	7.85E+00	7.17E-08	7.85E+00	9.88E+00	1.14E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
WPSS82O	1.62E-03	3.10E-01	2.10E-04	3.09E-01	0.00E+00	0.00E+00	5.81E-01	2.10E-07	1.94E-04	3.11E-03	0.00E+00	1.31E-02	3.91E-11	9.32E-10	4.41E-01	3.09E-03	0.00E+00	0.00E+00	1.39E-03	5.22E-02	7.85E+00	0.00E+00	1.49E-09	1.28E-08	6.10E-04	7.74E-06	1.14E+00	0.00E+00	7.85E+00	7.17E-08	7.85E+00	9.88E+00	1.14E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
WPSS82OW	1.62E-03	3.10E-01	2.10E-04	3.09E-01	0.00E+00	0.00E+00	5.81E-01	2.10E-07	1.94E-04	3.11E-03	0.00E+00	1.31E-02	3.91E-11	9.32E-10	4.41E-01	3.09E-03	0.00E+00	0.00E+00	1.39E-03	5.22E-02	7.85E+00	0.00E+00	1.49E-09	1.28E-08	6.10E-04	7.74E-06	1.14E+00	0.00E+00	7.85E+00	7.17E-08	7.85E+00	9.88E+00	1.14E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
WPSS82W	1.62E-03	3.10E-01	2.10E-04	3.09E-01	0.00E+00	0.00E+00	5.81E-01	2.10E-07	1.94E-04	3.11E-03	0.00E+00	1.31E-02	3.91E-11	9.32E-10	4.41E-01	3.09E-03	0.00E+00	0.00E+00	1.39E-03	5.22E-02	7.85E+00	0.00E+00	1.49E-09	1.28E-08	6.10E-04	7.74E-06	1.14E+00	0.00E+00	7.85E+00	7.17E-08	7.85E+00	9.88E+00	1.14E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
WRCC50NBSB	2.29E-03	4.38E-01	2.97E-04	4.37E-01	0.00E+00	0.00E+00	8.22E-01	2.97E-07	2.74E-04	4.40E-03	0.00E+00	1.85E-02	5.52E-11	1.32E-09	6.23E-01	4.37E-03	0.00E+00	0.00E+00	1.97E-03	7.38E-02	1.11E+01	0.00E+00	2.10E-09	1.81E-08	8.63E-04	1.09E-05	1.61E+00	0.00E+00	1.11E+01	1.01E-07	1.11E+01	1.40E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-02
WRCC50NBSW	2.29E-03	4.38E-01	2.97E-04	4.37E-01	0.00E+00	0.00E+00	8.22E-01	2.97E-07	2.74E-04	4.40E-03	0.00E+00	1.85E-02	5.52E-11	1.32E-09	6.23E-01	4.37E-03	0.00E+00	0.00E+00	1.97E-03	7.38E-02	1.11E+01	0.00E+00	2.10E-09	1.81E-08	8.63E-04	1.09E-05	1.61E+00	0.00E+00	1.11E+01	1.01E-07	1.11E+01	1.40E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-02
WRCC50NPSB	2.29E-03	4.38E-01	2.97E-04	4.37E-01	0.00E+00	0.00E+00	8.22E-01	2.97E-07	2.74E-04	4.40E-03	0.00E+00	1.85E-02	5.52E-11	1.32E-09	6.23E-01	4.37E-03	0.00E+00	0.00E+00	1.97E-03	7.38E-02	1.11E+01	0.00E+00	2.10E-09	1.81E-08	8.63E-04	1.09E-05	1.61E+00	0.00E+00	1.11E+01	1.01E-07	1.11E+01	1.40E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-02
WRCC50NPSW	2.29E-03	4.38E-01	2.97E-04	4.37E-01	0.00E+00	0.00E+00	8.22E-01	2.97E-07	2.74E-04	4.40E-03	0.00E+00	1.85E-02	5.52E-11	1.32E-09	6.23E-01	4.37E-03	0.00E+00	0.00E+00	1.97E-03	7.38E-02	1.11E+01	0.00E+00	2.10E-09	1.81E-08	8.63E-04	1.09E-05	1.61E+00	0.00E+00	1.11E+01	1.01E-07	1.11E+01	1.40E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-02
WRS51BSB	2.29E-03	4.38E-01	2.97E-04	4.37E-01	0.00E+00	0.00E+00	8.22E-01	2.97E-07	2.74E-04	4.40E-03	0.00E+00	1.85E-02	5.52E-11	1.32E-09	6.23E-01	4.37E-03	0.00E+00	0.00E+00	1.97E-03	7.38E-02	1.11E+01	0.00E+00	2.10E-09	1.81E-08	8.63E-04	1.09E-05	1.61E+00	0.00E+00	1.11E+01	1.01E-07	1.11E+01	1.40E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-02
WRS51BSW	2.29E-03	4.38E-01	2.97E-04	4.37E-01	0.00E+00	0.00E+00	8.22E-01	2.97E-07	2.74E-04	4.40E-03	0.00E+00	1.85E-02	5.52E-11	1.32E-09	6.23E-01	4.37E-03	0.00E+00	0.00E+00	1.97E-03	7.38E-02	1.11E+01	0.00E+00	2.10E-09	1.81E-08	8.63E-04	1.09E-05	1.61E+00	0.00E+00	1.11E+01	1.01E-07	1.11E+01	1.40E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-02
WRS51PSB	2.29E-03	4.38E-01	2.97E-04	4.37E-01	0.00E+00	0.00E+00	8.22E-01	2.97E-07	2.74E-04	4.40E-03	0.00E+00	1.85E-02	5.52E-11	1.32E-09	6.23E-01	4.37E-03	0.00E+00	0.00E+00	1.97E-03	7.38E-02	1.11E+01	0.00E+00	2.10E-09	1.81E-08	8.63E-04	1.09E-05	1.61E+00	0.00E+00	1.11E+01	1.01E-07	1.11E+01	1.40E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-02
WRS51PSW	2.29E-03	4.38E-01	2.97E-04	4.37E-01	0.00E+00	0.00E+00	8.22E-01	2.97E-07	2.74E-04	4.40E-03	0.00E+00	1.85E-02	5.52E-11	1.32E-09	6.23E-01	4.37E-03	0.00E+00	0.00E+00	1.97E-03	7.38E-02	1.11E+01	0.00E+00	2.10E-09	1.81E-08	8.63E-04	1.09E-05	1.61E+00	0.00E+00	1.11E+01	1.01E-07	1.11E+01	1.40E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-02
WRSO100BSB	2.40E-03	4.69E-01	8.63E-04	4.68E-01	0.00E+00	0.00E+00	8.86E-01	1.23E-06	2.93E-04	4.70E-03	0.00E+00	2.05E-02	5.89E-11	1.41E-09	6.74E-01	1.30E-02	0.00E+00	0.00E+00	8.44E-04	7.92E-02	1.18E+01	0.00E+00	2.27E-09	1.93E-08	9.21E-04	1.82E-05	3.13E+00	0.00E+00	1.18E+01	1.66E-07	1.18E+01	1.50E+01	3.13E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02
WRSS81BSB	2.35E-03	4.49E-01	3.04E-04	4.47E-01	0.00E+00	0.00E+00	8.42E-01	3.04E-07	2.81E-04	4.51E-03	0.00E+00	1.89E-02	5.66E-11	1.35E-09	6.38E-01	4.48E-03	0.00E+00	0.00E+00	2.02E-03	7.56E-02	1.14E+01	0.00E+00	2.16E-09	1.86E-08	8.84E-04	1.12E-05	1.65E+00	0.00E+00	1.14E+01	1.04E-07	1.14E+01	1.43E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
WRSS81BSW	2.35E-03	4.49E-01	3.04E-04	4.47E-01	0.00E+00	0.00E+00	8.42E-01	3.04E-07	2.81E-04	4.51E-03	0.00E+00	1.89E-02	5.66E-11	1.35E-09	6.38E-01	4.48E-03	0.00E+00	0.00E+00	2.02E-03	7.56E-02	1.14E+01	0.00E+00	2.16E-09	1.86E-08	8.84E-04	1.12E-05	1.65E+00	0.00E+00	1.14E+01	1.04E-07	1.14E+01	1.43E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
WRSS81PSB	2.35E-03	4.49E-01	3.04E-04	4.47E-01	0.00E+00	0.00E+00	8.42E-01	3.04E-07	2.81E-04	4.51E-03	0.00E+00	1.89E-02	5.66E-11	1.35E-09	6.38E-01	4.48E-03	0.00E+00	0.00E+00	2.02E-03	7.56E-02	1.14E+01	0.00E+00	2.16E-09	1.86E-08	8.84E-04	1.12E-05	1.65E+00	0.00E+00	1.14E+01	1.04E-07	1.14E+01	1.43E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
WRSS81PSW	2.35E-03	4.49E-01	3.04E-04	4.47E-01	0.00E+00	0.00E+00	8.42E-01	3.04E-07	2.81E-04	4.51E-03	0.00E+00	1.89E-02	5.66E-11	1.35E-09	6.38E-01	4.48E-03	0.00E+00	0.00E+00	2.02E-03	7.56E-02	1.14E+01	0.00E+00	2.16E-09	1.86E-08	8.84E-04	1.12E-05	1.65E+00	0.00E+00	1.14E+01	1.04E-07	1.14E+01	1.43E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
WRSS82BSB	1.36E-03	2.48E-01	4.57E-04	2.48E-01	0.00E+00	0.00E+00	4.69E-01	6.53E-07	1.55E-04	2.49E-03	0.00E+00	1.09E-02	3.12E-11	7.45E-10	3.57E-01	6.87E-03	0.00E+00	0.00E+00	4.47E-04	4.19E-02	6.26E+00	0.00E+00	1.20E-09	1.02E-08	4.87E-04	9.62E-06	1.66E+00	0.00E+00	6.26E+00	8.78E-08	6.26E+00	7.92E+00	1.66E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02
WRSS82BSW	1.36E-03	2.48E-01	4.57E-04	2.48E-01	0.00E+00	0.00E+00	4.69E-01	6.53E-07	1.55E-04	2.49E-03	0.00E+00	1.09E-02	3.12E-11	7.45E-10	3.57E-01	6.87E-03	0.00E+00	0.00E+00	4.47E-04	4.19E-02	6.26E+00	0.00E+00	1.20E-09	1.02E-08	4.87E-04	9.62E-06	1.66E+00	0.00E+00	6.26E+00	8.78E-08	6.26E+00	7.92E+00	1.66E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02
WRSS82PSB	2.35E-03	4.49E-01	3.04E-04	4.47E-01	0.00E+00	0.00E+00	8.42E-01	3.04E-07	2.81E-04	4.51E-03	0.00E+00	1.89E-02	5.66E-11	1.35E-09	6.38E-01	4.48E-03	0.00E+00	0.00E+00	2.02E-03	7.56E-02	1.14E+01	0.00E+00	2.16E-09	1.86E-08	8.84E-04	1.12E-05	1.65E+00	0.00E+00	1.14E+01	1.04E-07	1.14E+01	1.43E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
WRSS82PSW	2.35E-03	4.49E-01	3.04E-04	4.47E-01	0.00E+00	0.00E+00	8.42E-01	3.04E-07	2.81E-04	4.51E-03	0.00E+00	1.89E-02	5.66E-11	1.35E-09	6.38E-01	4.48E-03	0.00E+00	0.00E+00	2.02E-03	7.56E-02	1.14E+01	0.00E+00	2.16E-09	1.86E-08	8.84E-04	1.12E-05	1.65E+00	0.00E+00	1.14E+01	1.04E-07	1.14E+01	1.43E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
WXF105	6.79E-04	1.23E-01	2.27E-04	1.23E-01	0.00E+00	0.00E+00	2.33E-01	3.25E-07	7.70E-05	1.24E-03	0.00E+00	5.41E-03	1.55E-11	3.71E-10	1.77E-01	3.42E-03	0.00E+00	0.00E+00	2.22E-04	2.08E-02	3.12E+00	0.00E+00	5.98E-10	5.09E-09	2.42E-04	4.78E-06	8.25E-01	0.00E+00	3.12E+00	4.37E-08	3.12E+00	3.94E+00	8.25E-01	0.00E+00	0.00E+00	0.00E+00	9.46E-03
WXF106	5.26E-04	1.03E-01	1.89E-04	1.02E-01	0.00E+00	0.00E+00	1.94E-01	2.70E-07	6.40E-05	1.03E-03	0.00E+00	4.50E-03	1.29E-11	3.08E-10	1.47E-01	2.84E-03	0.00E+00	0.00E+00	1.85E-04	1.73E-02	2.59E+00	0.00E+00	4.97E-10	4.23E-09	2.01E-04	3.97E-06	6.85E-01	0.00E+00	2.59E+00	3.63E-08	2.59E+00	3.27E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	7.86E-03
WXF122	1.27E-03	2.31E-01	4.24E-04	2.30E-01	0.00E+00	0.00E+00	4.35E-01	6.07E-07	1.44E-04	2.31E-03	0.00E+00	1.01E-02	2.90E-11	6.92E-10	3.31E-01	6.38E-03	0.00E+00	0.00E+00	4.15E-04	3.89E-02	5.82E+00	0.00E+00	1.12E-09	9.51E-09	4.53E-04	8.93E-06	1.54E+00	0.00E+00	5.82E+00	8.15E-08	5.82E+00	7.36E+00	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02
WXF123	1.72E-03	3.12E-01	5.75E-04	3.12E-01	0.00E+00	0.00E+00	5.90E-01	8.22E-07	1.95E-04	3.13E-03	0.00E+00	1.37E-02	3.93E-11	9.38E-10	4.49E-01	8.64E-03	0.00E+00	0.00E+00	5.62E-04	5.27E-02	7.88E+00	0.00E+00	1.51E-09	1.29E-08	6.13E-04	1.21E-05	2.09E+00	0.00E+00	7.88E+00	1.10E-07	7.88E+00	9.97E+00	2.09E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-02
WXF160B	4.23E-04	7.68E-02	1.41E-04	7.67E-02	0.00E+00	0.00E+00	1.45E-01	2.02E-07	4.80E-05	7.70E-04	0.00E+00	3.37E-03	9.66E-12	2.31E-10	1.10E-01	2.13E-03	0.00E+00	0.00E+00	1.38E-04	1.30E-02	1.94E+00	0.00E+00	3.72E-10	3.17E-09	1.51E-04	2.98E-06	5.13E-01	0.00E+00	1.94E+00	2.72E-08	1.94E+00	2.45E+00	5.13E-01	0.00E+00	0.00E+00	0.00E+00	5.89E-03
WXF160D	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
WXF160E	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WXF160N	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
WXF160R	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
WXF160T	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
WXF160V	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
WXF165B	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
WXF165N	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
WXF165T	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
WXF191N	5.40E-04	1.03E-01	7.00E-05	1.03E-01	0.00E+00	0.00E+00	1.94E-01	6.99E-08	6.46E-05	1.04E-03	0.00E+00	4.35E-03	1.30E-11	3.11E-10	1.47E-01	1.03E-03	0.00E+00	0.00E+00	4.65E-04	1.74E-02	2.62E+00	0.00E+00	4.96E-10	4.27E-09	2.03E-04	2.58E-06	3.79E-01	0.00E+00	2.62E+00	2.39E-08	2.62E+00	3.29E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	1.99E-02
WXF421B	8.10E-04	1.55E-01	3.42E-03	1.51E-01	0.00E+00	0.00E+00	2.32E-01	3.71E-07	9.48E-05	1.52E-03	0.00E+00	4.27E-03	1.91E-11	4.54E-10	2.03E-01	4.10E-03	0.00E+00	0.00E+00	2.74E-04	2.33E-02	3.71E+00	0.00E+00	6.63E-10	6.34E-09	3.01E-04	5.50E-06	8.69E-01	0.00E+00	3.71E+00	5.02E-08	3.71E+00	4.58E+00	8.69E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
WXF421E	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
WXF421N	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
WXF421R	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
WXF421T	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04

	WXF421V	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF422B	1.62E-03	3.16E-01	5.82E-04	3.16E-01	0.00E+00	0.00E+00	5.97E-01	8.32E-07	1.97E-04	3.17E-03	0.00E+00	1.39E-02	3.98E-11	9.50E-10	4.55E-01	8.75E-03	0.00E+00	0.00E+00	5.69E-04	5.34E-02	7.98E+00	0.00E+00	1.53E-09	1.30E-08	6.21E-04	1.23E-05	2.11E+00	0.00E+00	7.98E+00	1.12E-07	7.98E+00	1.01E+01	2.11E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-02
	WXF422E	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF422N	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF422R	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF422T	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF422V	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF423B	3.04E-03	5.94E-01	1.09E-03	5.92E-01	0.00E+00	0.00E+00	1.12E+00	1.56E-06	3.70E-04	5.95E-03	0.00E+00	2.60E-02	7.46E-11	1.78E-09	8.53E-01	1.64E-02	0.00E+00	0.00E+00	1.07E-03	1.00E-01	1.50E+01	0.00E+00	2.88E-09	2.45E-08	1.17E-03	2.30E-05	3.97E+00	0.00E+00	1.50E+01	2.10E-07	1.50E+01	1.89E+01	3.97E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-02
	WXF423E	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF423N	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF423R	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF423T	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF423V	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF431	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF432	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF433	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF452B	9.08E-04	1.77E-01	3.26E-04	1.77E-01	0.00E+00	0.00E+00	3.35E-01	4.67E-07	1.11E-04	1.78E-03	0.00E+00	7.77E-03	2.23E-11	5.33E-10	2.55E-01	4.91E-03	0.00E+00	0.00E+00	3.19E-04	2.99E-02	4.48E+00	0.00E+00	8.59E-10	7.31E-09	3.48E-04	6.87E-06	1.18E+00	0.00E+00	4.48E+00	6.27E-08	4.48E+00	5.66E+00	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02
	WXF452N	7.82E-04	1.50E-01	1.01E-04	1.49E-01	0.00E+00	0.00E+00	2.81E-01	1.01E-07	9.36E-05	1.50E-03	0.00E+00	6.31E-03	1.89E-11	4.50E-10	2.13E-01	1.49E-03	0.00E+00	0.00E+00	6.73E-04	2.52E-02	3.79E+00	0.00E+00	7.18E-10	6.19E-09	2.95E-04	3.74E-06	5.50E-01	0.00E+00	3.79E+00	3.46E-08	3.79E+00	4.77E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-02
	WXF452T	7.82E-04	1.50E-01	1.01E-04	1.49E-01	0.00E+00	0.00E+00	2.81E-01	1.01E-07	9.36E-05	1.50E-03	0.00E+00	6.31E-03	1.89E-11	4.50E-10	2.13E-01	1.49E-03	0.00E+00	0.00E+00	6.73E-04	2.52E-02	3.79E+00	0.00E+00	7.18E-10	6.19E-09	2.95E-04	3.74E-06	5.50E-01	0.00E+00	3.79E+00	3.46E-08	3.79E+00	4.77E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-02
	WXF453B	7.82E-04	1.50E-01	1.01E-04	1.49E-01	0.00E+00	0.00E+00	2.81E-01	1.01E-07	9.36E-05	1.50E-03	0.00E+00	6.31E-03	1.89E-11	4.50E-10	2.13E-01	1.49E-03	0.00E+00	0.00E+00	6.73E-04	2.52E-02	3.79E+00	0.00E+00	7.18E-10	6.19E-09	2.95E-04	3.74E-06	5.50E-01	0.00E+00	3.79E+00	3.46E-08	3.79E+00	4.77E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-02
	WXF453N	7.82E-04	1.50E-01	1.01E-04	1.49E-01	0.00E+00	0.00E+00	2.81E-01	1.01E-07	9.36E-05	1.50E-03	0.00E+00	6.31E-03	1.89E-11	4.50E-10	2.13E-01	1.49E-03	0.00E+00	0.00E+00	6.73E-04	2.52E-02	3.79E+00	0.00E+00	7.18E-10	6.19E-09	2.95E-04	3.74E-06	5.50E-01	0.00E+00	3.79E+00	3.46E-08	3.79E+00	4.77E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-02
	WXF453T	7.82E-04	1.50E-01	1.01E-04	1.49E-01	0.00E+00	0.00E+00	2.81E-01	1.01E-07	9.36E-05	1.50E-03	0.00E+00	6.31E-03	1.89E-11	4.50E-10	2.13E-01	1.49E-03	0.00E+00	0.00E+00	6.73E-04	2.52E-02	3.79E+00	0.00E+00	7.18E-10	6.19E-09	2.95E-04	3.74E-06	5.50E-01	0.00E+00	3.79E+00	3.46E-08	3.79E+00	4.77E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-02
	WXF462B	6.89E-04	1.32E-01	8.93E-05	1.31E-01	0.00E+00	0.00E+00	2.47E-01	8.92E-08	8.24E-05	1.32E-03	0.00E+00	5.56E-03	1.66E-11	3.96E-10	1.87E-01	1.32E-03	0.00E+00	0.00E+00	5.93E-04	2.22E-02	3.34E+00	0.00E+00	6.33E-10	5.45E-09	2.60E-04	3.29E-06	4.84E-01	0.00E+00	3.34E+00	3.05E-08	3.34E+00	4.20E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
	WXF462R	7.44E-06	1.42E-03	9.65E-07	1.42E-03	0.00E+00	0.00E+00	2.67E-03	9.64E-10	8.91E-07	1.43E-05	0.00E+00	6.01E-05	1.80E-13	4.29E-12	2.03E-03	1.42E-05	0.00E+00	0.00E+00	6.41E-06	2.40E-04	3.61E-02	0.00E+00	6.84E-12	5.90E-11	2.81E-06	3.56E-08	5.23E-03	0.00E+00	3.61E-02	3.30E-10	3.61E-02	4.54E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
	WXF472B	7.82E-04	1.50E-01	1.01E-04	1.49E-01	0.00E+00	0.00E+00	2.81E-01	1.01E-07	9.36E-05	1.50E-03	0.00E+00	6.31E-03	1.89E-11	4.50E-10	2.13E-01	1.49E-03	0.00E+00	0.00E+00	6.73E-04	2.52E-02	3.79E+00	0.00E+00	7.18E-10	6.19E-09	2.95E-04	3.74E-06	5.50E-01	0.00E+00	3.79E+00	3.46E-08	3.79E+00	4.77E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-02
	WXF472E	7.82E-04	1.50E-01	1.01E-04	1.49E-01	0.00E+00	0.00E+00	2.81E-01	1.01E-07	9.36E-05	1.50E-03	0.00E+00	6.31E-03	1.89E-11	4.50E-10	2.13E-01	1.49E-03	0.00E+00	0.00E+00	6.73E-04	2.52E-02	3.79E+00	0.00E+00	7.18E-10	6.19E-09	2.95E-04	3.74E-06	5.50E-01	0.00E+00	3.79E+00	3.46E-08	3.79E+00	4.77E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-02
	WXF472N	7.82E-04	1.50E-01	1.01E-04	1.49E-01	0.00E+00	0.00E+00	2.81E-01	1.01E-07	9.36E-05	1.50E-03	0.00E+00	6.31E-03	1.89E-11	4.50E-10	2.13E-01	1.49E-03	0.00E+00	0.00E+00	6.73E-04	2.52E-02	3.79E+00	0.00E+00	7.18E-10	6.19E-09	2.95E-04	3.74E-06	5.50E-01	0.00E+00	3.79E+00	3.46E-08	3.79E+00	4.77E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-02
	WXF472R	2.34E-04	4.56E-02	8.39E-05	4.55E-02	0.00E+00	0.00E+00	8.61E-02	1.20E-07	2.84E-05	4.57E-04	0.00E+00	2.00E-03	5.73E-12	1.37E-10	6.55E-02	1.26E-03	0.00E+00	0.00E+00	8.20E-05	7.70E-03	1.15E+00	0.00E+00	2.21E-10	1.88E-09	8.95E-05	1.77E-06	3.04E-01	0.00E+00	1.15E+00	1.61E-08	1.15E+00	1.45E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	3.49E-03
	WXF472T	7.82E-04	1.50E-01	1.01E-04	1.49E-01	0.00E+00	0.00E+00	2.81E-01	1.01E-07	9.36E-05	1.50E-03	0.00E+00	6.31E-03	1.89E-11	4.50E-10	2.13E-01	1.49E-03	0.00E+00	0.00E+00	6.73E-04	2.52E-02	3.79E+00	0.00E+00	7.18E-10	6.19E-09	2.95E-04	3.74E-06	5.50E-01	0.00E+00	3.79E+00	3.46E-08	3.79E+00	4.77E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-02
	WXF472V	7.82E-04	1.50E-01	1.01E-04	1.49E-01	0.00E+00	0.00E+00	2.81E-01	1.01E-07	9.36E-05	1.50E-03	0.00E+00	6.31E-03	1.89E-11	4.50E-10	2.13E-01	1.49E-03	0.00E+00	0.00E+00	6.73E-04	2.52E-02	3.79E+00	0.00E+00	7.18E-10	6.19E-09	2.95E-04	3.74E-06	5.50E-01	0.00E+00	3.79E+00	3.46E-08	3.79E+00	4.77E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-02
	WXF473B	7.82E-04	1.50E-01	1.01E-04	1.49E-01	0.00E+00	0.00E+00	2.81E-01	1.01E-07	9.36E-05	1.50E-03	0.00E+00	6.31E-03	1.89E-11	4.50E-10	2.13E-01	1.49E-03	0.00E+00	0.00E+00	6.73E-04	2.52E-02	3.79E+00	0.00E+00	7.18E-10	6.19E-09	2.95E-04	3.74E-06	5.50E-01	0.00E+00	3.79E+00	3.46E-08	3.79E+00	4.77E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-02
	WXF473N	7.82E-04	1.50E-01	1.01E-04	1.49E-01	0.00E+00	0.00E+00	2.81E-01	1.01E-07	9.36E-05	1.50E-03	0.00E+00	6.31E-03	1.89E-11	4.50E-10	2.13E-01	1.49E-03	0.00E+00	0.00E+00	6.73E-04	2.52E-02	3.79E+00	0.00E+00	7.18E-10	6.19E-09	2.95E-04	3.74E-06	5.50E-01	0.00E+00	3.79E+00	3.46E-08	3.79E+00	4.77E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-02
	WXF473R	7.82E-04	1.50E-01	1.01E-04	1.49E-01	0.00E+00	0.00E+00	2.81E-01	1.01E-07	9.36E-05	1.50E-03	0.00E+00	6.31E-03	1.89E-11	4.50E-10	2.13E-01	1.49E-03	0.00E+00	0.00E+00	6.73E-04	2.52E-02	3.79E+00	0.00E+00	7.18E-10	6.19E-09	2.95E-04	3.74E-06	5.50E-01	0.00E+00	3.79E+00	3.46E-08	3.79E+00	4.77E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-02
	WXF473T	7.82E-04	1.50E-01	1.01E-04	1.49E-01	0.00E+00	0.00E+00	2.81E-01	1.01E-07	9.36E-05	1.50E-03	0.00E+00	6.31E-03	1.89E-11	4.50E-10	2.13E-01	1.49E-03	0.00E+00	0.00E+00	6.73E-04	2.52E-02	3.79E+00	0.00E+00	7.18E-10	6.19E-09	2.95E-04	3.74E-06	5.50E-01	0.00E+00	3.79E+00	3.46E-08	3.79E+00	4.77E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-02
	WXPSS81	9.39E-04	1.83E-01	3.37E-04	1.83E-01	0.00E+00	0.00E+00	3.46E-01	4.83E-07	1.14E-04	1.84E-03	0.00E+00	8.03E-03	2.30E-11	5.51E-10	2.63E-01	5.07E-03	0.00E+00	0.00E+00	3.30E-04	3.09E-02	4.63E+00	0.00E+00	8.88E-10	7.56E-09	3.60E-04	7.10E-06	1.22E+00	0.00E+00	4.63E+00	6.48E-08	4.63E+00	5.85E+00	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02
	WXPSS82	1.36E-03	2.48E-01	4.57E-04	2.48E-01	0.00E+00	0.00E+00	4.69E-01	6.53E-07	1.55E-04	2.49E-03	0.00E+00	1.09E-02	3.12E-11	7.45E-10	3.57E-01	6.87E-03	0.00E+00	0.00E+00	4.47E-04	4.19E-02	6.26E+00	0.00E+00	1.20E-09	1.02E-08	4.87E-04	9.62E-06	1.66E+00	0.00E+00	6.26E+00	8.78E-08	6.26E+00	7.92E+00	1.66E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02
End Of Life C1-C4	GS20009016	3.07E-03	3.99E-01	8.72E-03	3.90E-01	0.00E+00	0.00E+00	1.38E+00	3.02E-06	1.71E-03	3.63E-03	0.00E+00	0.00E+00	3.99E-10	1.73E-08	1.11E-02	6.32E-01	0.00E+00	0.00E+00	1.63E+00	3.63E-05	3.01E+00	0.00E+00	2.48E-08	1.40E-08	1.03E-03	2.58E-08	2.79E-01	0.00E+00	3.01E+00	8.94E-07	3.01E+00	3.29E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
	194802	2.55E-03	4.99E-01	1.97E-02	4.41E-01	0.00E+00	0.00E+00	1.55E+00	3.73E-06	1.02E-03	4.36E-03	0.00E+00	-1.15E-03	2.52E-10	1.12E-08	1.93E-02	8.36E-01	0.00E+00	0.00E+00	1.48E+00	1.50E-02	5.95E+00	0.00E+00	4.62E-08	2.25E-08	1.35E-03	4.59E-07	2.87E-01	0.00E+00	5.95E+00	1.97E-06	5.95E+00	6.32E+00	2.87E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
	194818	3.05E-03	5.03E-01	1.99E-02	4.55E-01	0.00E+00	0.00E+00	2.24E+00	4.00E-06	1.02E-03	4.57E-03	0.00E+00	-1.15E-03	2.55E-10	1.13E-08	1.93E-02	8.47E-01	0.00E+00	0.00E+00	1.99E+00	1.37E-02	6.17E+00	0.00E+00	4.76E-08	2.42E-08	1.47E-03	3.67E-07	3.48E-01	0.00E+00	6.17E+00	2.02E-06	6.17E+00	6.53E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	8.17E+01
	194819	2.59E-03	5.34E-01	1.98E-02	4.29E-01	0.00E+00	0.00E+00	1.65E+00	3.81E-06	1.16E-03	4.53E-03	0.00E+00	8.56E-03	3.39E-09	1.42E-08	2.19E-02	9.61E-01	0.00E+00	0.00E+00	1.56E+00	1.48E-02	6.16E+00	0.00E+00	4.90E-08	2.33E-08	1.38E-03	3.91E-07	3.05E-01	0.00E+00	6.16E+00	2.06E-06	6.16E+00	6.47E+00	3.05E-01	0.00E+00	0.00E+00	0.00E+00	5.54E+01
	194830	2.41E-03	4.78E-01	1.96E-02	4.10E-01	0.00E+00	0.00E+00	1.42E+00	3.72E-06	1.01E-03	4.27E-03	0.00E+00	-1.23E-03	2.46E-10	1.13E-08	1.92E-02	8.35E-01	0.00E+00	0.00E+00	1.44E+00	1.58E-02	5.88E+00	0.00E+00	4.59E-08	2.23E-08	1.34E-03	5.34E-07	2.88E-01	0.00E+00	5.88E+00	1.97E-06	5.88E+00	6.23E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	5.27E+01
	396103	3.62E-04	5.00E-02	3.66E-03	5.64E-02	1.83E-10	0.00E+00	3.93E-01	7.71E-07	2.96E-04	3.94E-04	0.00E+00	6.91E-04	6.53E-11	3.38E-09	2.70E-03	9.11E-02	0.00E+00	0.00E+00	2.62E-01	1.76E-03	5.72E-01	0.00E+00	4.44E-09	1.70E-09	1.06E-04	6.77E-08	5.98E-02	0.00E+00	5.72E-01	1.70E-07	5.72E-01	6.68E-01	5.98E-02	0.00E+00	0.00E+00	0.00E+00	9.74E+00
	396161	1.87E-04	4.36E-02	3.66E-03	2.72E-02	1.89E-10	0.00E+00	4.47E-01	2.59E-07	2.87E-04	3.16E-04	0.00E+00	-1.71E-03	4.26E-11	3.34E-09	3.33E-03	6.82E-02	0.00E+00	0.00E+00	1.85E-01	2.12E-03	3.76E-01	0.00E+00	2.76E-09	1.22E-09	8.56E-05	1.28E-07	2.70E-02	0.00E+00	3.76E-01	8.32E-08	3.76E-01	4.23E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	7.17E+00
	396380	6.19E-04	6.97E-02	1.18E-02	5.79E-02	0.00E+00	0.00E+00	5.73E-01	1.07E-06	3.63E-04	5.81E-04	0.00E+00	-1.16E-03	1.01E-10	4.49E-09	3.11E-03	1.51E-01	0.00E+00	0.00E+00	4.32E-01	1.53E-02	6.66E-01	0.00E+00	5.24E-09	2.65E-09	1.72E-04	3.77E-07	7.42E-02	0.00E+00	6.66E-01	-2.76E-08	6.66E-01	7.40E-01	7.42E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
	396765	5.90E-04	6.33E-02	1.15E-02	5.18E-02	0.00E+00	0.00E+00	4.77E-01	8.80E-07	3.57E-04	5.18E-04	0.00E+00	-1.16E-03	8.49E-11	4.29E-09	2.60E-03	1.34E-01	0.00E+00	0.00E+00	3.69E-01	1.53E-02	5.63E-01	0.00E+00	4.47E-09	2.31E-09	1.55E-04	3.76E-07	6.34E-02	0.00E+00	5.63E-01	-5.14E-08	5.63E-01	6.26E-01	6.34E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
	396768	6.03E-04	5.50E-02	1.38E-02	4.12E-02	4.34E-10	0.00E+00	6.01E-01	7.88E-07	3.61E-04	5.06E-04	0.00E+00	6.47E-03	7.77E-11	4.25E-09	4.73E-03	1.27E-01	0.00E+00	0.00E+00	3.37E-01	8.75E-04	6.29E-01	0.00E+00	4.32E-09	2.38E-09	1.51E-04	3.68E-07	6.96E-02	0.00E+00	6.29E-01	7.47E-08	6.29E-01	6.99E-01	6.96E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
	396874	6.11E-04	6.59E-02	1.16E-02	5.42E-02	0.00E+00	0.00E+00	5.20E-01	9.64E-07	3.66E-04	5.44E-04	0.00E+00	-1.16E-03	9.20E-11	4.44E-09	2.82E-03	1.43E-01	0.00E+00	0.00E+00	3.98E-01	1.53E-02	6.08E-01	0.00E+00	4.81E-09	2.47E-09	1.63E-04	3.77E-07	6.84E-02	0.00E+00	6.08E-01	-4.15E-08	6.08E-01	6.77E-01	6.84E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
	404049	1.26E-03	1.79E-01	9.01E-02	8.94E-02	0.00E+00	0.00E+00	5.39E-01	9.07E-07	8.69E-04	8.12E-04	0.00E+00	-1.08E-02	1.02E-10	9.97E-09	3.01E-03	2.09E-01	0.00E+00	0.00E+00	4.76E-01	1.43E-01	6.39E-01	0.00E+00	5.43E-09	3.03E-09	2.52E-04	3.46E-06	7.13E-02	0.00E+00	6.39E-01	-1.22E-06	6.39E-01	7.10E-01	7.13E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
	41091404	5.29E-04	9.91E-02	2.50E-02	7.16E-02	0.00E+00	0.00E+00	6.44E-01	5.36E-07	2.15E-04	6.93E-04	0.00E+00	-1.25E-03	1.28E-09	1.65E-09	2.92E-03	6.93E-02	0.00E+00	0.00E+00	1.46E-01	6.62E-02	6.02E-01	0.00E+00	5.20E-09	2.16E-09	2.01E-04	1.09E-06	4.62E-02	0.00E+00	6.02E-01	-1.69E-07	6.02E-01	6.55E-01	4.62E-02	0.00E+00	0.00E+00	0.00E+00	7.88E+00
	41091606	5.79E-04	9.89E-02	2.27E-02	7.28E-02	0.00E+00	0.00E+00	6.51E-01	6.00E-07	2.15E-04	7.03E-04	0.00E+00	-1.08E-03	7.05E-10	1.75E-09	3.29E-03	7.03E-02	0.00E+00	0.00E+00	1.49E-01	5.82E-02	6.38E-01	0.00E+00	5.64E-09	2.29E-09	2.05E-04	9.62E-07	4.74E-02	0.00E+00	6.38E-01	-1.58E-07	6.38E-01	7.01E-01	4.74E-02	0.00E+00	0.00E+00	0.00E+00	8.25E+00
	41091909	7.56E-04	9.48E-02	2.10E-02	7.52E-02	0.00E+00	0.00E+00	6.64E-01	1.11E-06	3.45E-04	7.08E-04	0.00E+00	-4.81E-04	1.56E-09	4.24E-09	3.21E-03	1.57E-01	0.00E+00	0.00E+00	4.45E-01	3.14E-02	7.25E-01	0.00E+00	5.85E-09	3.03E-09	1.94E-04	7.76E-07	7.68E-02	0.00E+00	7.25E-01	-1.51E-07	7.25E-01	8.22E-01	7.68E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
	41092045	7.20E-04	8.01E-02	1.62E-02	7.20E-02	7.06E-11	0.00E+00	6.26E-01	9.71E-07	3.42E-04	7.61E-04	0.00E+00	-2.98E-04	9.10E-11	4.08E-09	5.11E-03	1.45E-01	0.00E+00	0.00E+00	3.82E-01	1.22E-02	1.00E+00	0.00E+00	7.37E-09	3.51E-09	2.30E-04	6.00E-07	8.01E-02	0.00E+00	1.00E+00	7.45E-08	1.00E+00	1.06E+00	8.01E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
	41092089	6.44E-04	8.09E-02	1.91E-02	6.87E-02	1.25E-10	0.00E+00	6.72E-01	9.82E-07	3.40E-04	7.40E-04	0.00E+00	3.94E-03	8.93E-11	4.02E-09	5.24E-03	1.27E-01	0.00E+00	0.00E+00	3.69E-01	1.25E-02	9.83E-01	0.00E+00	6.14E-09	3.42E-09	2.19E-04	6.21E-07	8.02E-02	0.00E+00	9.83E-01	5.49E-08	9.83E-01	1.03E+00	8.02E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
	41096084	9.63E-04	1.02E-01	1.95E-02	7.92E-02	0.00E+00	0.00E+00	6.15E-01	1.10E-06	3.46E-04	7.53E-04	0.00E+00	-4.85E-04	7.15E-10	4.24E-09	3.72E-03	1.63E-01	0.00E+00	0.00E+00	4.56E-01	3.06E-02	7.79E-01	0.00E+00	6.73E-09	3.29E-09	2.00E-04	7.51E-07	7.87E-02	0.00E+00	7.79E-01	-1.43E-07	7.79E-01	9.20E-01	7.87E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
	41096086	9.69E-04	9.74E-02	1.93E-02	7.75E-02	0.00E+00	0.00E+00	6.77E-01	1.18E-06	3.51E-04	7.47E-04	0.00E+00	-4.42E-04	7.21E-10	4.31E-09	3.60E-03	1.62E-01	0.00E+00	0.00E+00	4.67E-01	3.00E-02	7.71E-01	0.00E+00	6.71E-09	3.27E-09	2.00E-04	7.59E-07	7.94E-02	0.00E+00	7.71E-01	-1.46E-07	7.71E-01	9.06E-01	7.94E-02	0.00E+00	0.00E+00	0.00E+00	1.67E+01
	41096089	8.20E-04	9.84E-02	2.09E-02	7.65E-02	0.00E+00	0.00E+00	6.80E-01	1.13E-06	3.38E-04	7.34E-04	0.00E+00	-4.44E-04	8.37E-10	4.26E-09	3.25E-03	1.59E-01	0.00E+00	0.00E+00	4.51E-01	3.15E-02	7.27E-01	0.00E+00	5.88E-09	3.01E-09	1.95E-04	7.84E-07	7.61E-02	0.00E+00	7.27E-01	-1.53E-07	7.27E-01	8.21E-01	7.61E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
	41097003	1.76E-03	2.44E-01	2.95E-02	2.09E-01	0.00E+00	0.00E+00	1.08E+00	2.69E-06	7.49E-04	2.23E-03	0.00E+00	-1.10E-03	1.40E-09	9.33E-09	1.03E-02	4.19E-01	5.36E-06	0.00E+00	1.02E+00	4.63E-02	2.21E+00	0.00E+00	1.77E-08	7.73E-09	5.93E-04	1.03E-06	1.95E-01	0.00E+00	2.21E+00	-1.54E-07	2.21E+00	2.34E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.50E+01
	41097006	8.37E-04	9.70E-02	2.09E-02	7.59E-02	0.00E+00	0.00E+00	6.65E-01	1.12E-06	3.45E-04	7.25E-04	0.00E+00	-4.89E-04	1.57E-09	4.24E-09	3.22E-03	1.57E-01	0.00E+00	0.00E+00	4.48E-01	3.14E-02	7.32E-01	0.00E+00	5.94E-09	3.03E-09	1.96E-04	7.79E-07	7.66E-02	0.00E+00	7.32E-01	-1.55E-07	7.32E-01	8.25E-01	7.66E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
	41097009	7.98E-04	9.68E-02	2.10E-02	7.53E-02	0.00E+00	0.00E+00	6.65E-01	1.11E-06	3.45E-04	7.19E-04	0.00E+00	-4.81E-04	1.58E-09	4.26E-09	3.20E-03	1.57E-01	0.00E+00	0.00E+00	4.46E-01	3.15E-02	7.27E-01	0.00E+00	5.86E-09	3.03E-09	1.95E-04	7.78E-07	7.66E-02	0.00E+00	7.27E-01	-1.52E-07	7.27E-01	8.22E-01	7.66E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
	41098982	7.97E-04	9.90E-02	2.11E-02	7.32E-02	0.00E+00	0.00E+00	6.85E-01	1.18E-06	3.58E-04	7.47E-04	0.00E+00	-5.28E-04	1.64E-09	4.88E-09	3.32E-03	1.42E-01	0.00E+00	0.00E+00	4.22E-01	3.15E-02	7.35E-01	0.00E+00	6.09E-09	3.18E-09	2.20E-04	8.10E-07	7.68E-02	0.00E+00	7.35E-01	-1.53E-07	7.35E-01	8.20E-01	7.68E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
	41098989	9.17E-04	1.17E-01	2.36E-02	9.32E-02	0.00E+00	0.00E+00	8.61E-01	1.18E-06	3.41E-04	8.01E-04	0.00E+00	7.65E-04	2.76E-09	4.41E-09	3.44E-03	1.57E-01	0.00E+00	0.00E+00	4.44E-01	3.45E-02	7.50E-01	0.00E+00	5.97E-09	2.97E-09	2.21E-04	8.45E-07	7.54E-02	0.00E+00	7.50E-01	-1.60E-07	7.50E-01	8.25E-01	7.54E-02	0.00E+00	0.00E+00	0.00E+00	1.59E+01
	41101909	4.83E-04	9.63E-02	2.40E-02	6.96E-02	0.00E+00	0.00E+00	6.15E-01	5.93E-07	2.16E-04	6.83E-04	0.00E+00	-1.79E-03	5.44E-10	1.74E-09	3.10E-03	6.98E-02	0.00E+00	0.00E+00	1.47E-01	5.90E-02	5.58E-01	0.00E+00	4.84E-09	2.12E-09	1.98E-04	9.78E-07	4.72E-02	0.00E+00	5.58E-01	-1.46E-07	5.58E-01	6.07E-01	4.72E-02	0.00E+00	0.00E+00	0.00E+00	8.10E+00
	41101913	5.11E-04	9.35E-02	2.50E-02	6.81E-02	0.00E+00	0.00E+00	6.11E-01	5.86E-07	2.12E-04	6.83E-04	0.00E+00	-1.80E-03	5.62E-10	1.73E-09	3.12E-03	7.01E-02	0.00E+00	0.00E+00	1.45E-01	5.69E-02	5.53E-01	0.00E+00	4.77E-09	2.11E-09	1.96E-04	1.00E-06	4.57E-02	0.00E+00	5.53E-01	-1.41E-07	5.53E-01	6.04E-01	4.57E-02	0.00E+00	0.00E+00	0.00E+00	8.18E+00
	41101914	5.45E-04	9.60E-02	2.28E-02	7.07E-02	0.00E+00	0.00E+00	6.15E-01	5.96E-07	2.16E-04	6.93E-04	0.00E+00	-1.71E-03	5.55E-10	1.71E-09	3.33E-03	7.13E-02	0.00E+00	0.00E+00	1.48E-01	5.82E-02	5.88E-01	0.00E+00	5.31E-09	2.24E-09	2.01E-04	9.64E-07	4.74E-02	0.00E+00	5.88E-01	-1.25E-07	5.88E-01	6.50E-01	4.74E-02	0.00E+00	0.00E+00	0.00E+00	8.19E+00
	41101915	5.54E-04	9.60E-02	2.28E-02	7.07E-02	0.00E+00	0.00E+00	6.16E-01	5.94E-07	2.16E-04	6.91E-04	0.00E+00	-1.71E-03	5.38E-10	1.71E-09	3.33E-03	7.08E-02	0.00E+00	0.00E+00	1.47E-01	5.82E-02	5.88E-01	0.00E+00	5.29E-09	2.25E-09	2.01E-04	9.64E-07	4.74E-02	0.00E+00	5.88E-01	-1.37E-07	5.88E-01	6.50E-01	4.74E-02	0.00E+00	0.00E+00	0.00E+00	8.18E+00
	41101924	5.55E-04	9.20E-02	2.43E-02	6.74E-02	0.00E+00	0.00E+00	5.94E-01	5.96E-07	2.29E-04	6.73E-04	0.00E+00	-1.77E-03	5.46E-10	1.69E-09	3.04E-03	1.05E-01	0.00E+00	0.00E+00	1.96E-01	5.72E-02	5.95E-01	0.00E+00	4.97E-09	2.34E-09	2.03E-04	9.90E-07	5.64E-02	0.00E+00	5.95E-01	-1.47E-07	5.95E-01	6.28E-01	5.64E-02	0.00E+00	0.00E+00	0.00E+00	9.27E+00
	41102007	8.02E-04	8.81E-02	1.93E-02	7.16E-02	0.00E+00	0.00E+00	6.03E-01	1.09E-06	3.41E-04	7.10E-04	0.00E+00	-1.17E-03	5.35E-10	4.06E-09	3.54E-03	1.63E-01	0.00E+00	0.00E+00	4.50E-01	3.04E-02	7.16E-01	0.00E+00	6.42E-09	3.20E-09	1.92E-04	7.65E-07	7.66E-02	0.00E+00	7.16E-01	-1.20E-07	7.16E-01	8.45E-01	7.66E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
	41102022	8.02E-04	8.96E-02	1.93E-02	7.21E-02	0.00E+00	0.00E+00	6.09E-01	1.09E-06	3.47E-04	7.12E-04	0.00E+00	-1.17E-03	5.18E-10	4.15E-09	3.55E-03	1.62E-01	0.00E+00	0.00E+00	4.56E-01	3.08E-02	7.19E-01	0.00E+00	6.42E-09	3.18E-09	1.92E-04	7.56E-07	7.86E-02	0.00E+00	7.19E-01	-1.31E-07	7.19E-01	8.48E-01	7.86E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
	41102045	6.35E-04	8.42E-02	1.72E-02	7.67E-02	5.86E-11	0.00E+00	6.40E-01	1.02E-06	3.38E-04	7.82E-04	0.00E+00	-7.09E-04	9.01E-11	3.93E-09	5.88E-03	1.88E-01	0.00E+00	0.00E+00	4.30E-01	1.23E-02	1.12E+00	0.00E+00	7.17E-09	3.60E-09	2.25E-04	5.98E-07	9.16E-02	0.00E+00	1.12E+00	4.80E-08	1.12E+00	1.21E+00	9.16E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
	41102089	6.33E-04	7.86E-02	1.83E-02	7.00E-02	1.19E-10	0.00E+00	6.84E-01	9.60E-07	3.30E-04	7.29E-04	0.00E+00	1.65E-03	9.00E-11	3.92E-09	5.18E-03	1.46E-01	0.00E+00	0.00E+00	3.86E-01	1.25E-02	1.02E+00	0.00E+00	6.81E-09	3.47E-09	2.17E-04	5.90E-07	8.56E-02	0.00E+00	1.02E+00	5.86E-08	1.02E+00	1.08E+00	8.56E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
	41106013	7.22E-04	9.47E-02	2.63E-02	7.30E-02	0.00E+00	0.00E+00	6.12E-01	1.09E-06	3.45E-04	6.87E-04	0.00E+00	-2.36E-03	5.40E-10	4.21E-09	3.17E-03	1.54E-01	0.00E+00	0.00E+00	4.49E-01	3.73E-02	6.73E-01	0.00E+00	5.54E-09	2.90E-09	1.90E-04	9.59E-07	7.56E-02	0.00E+00	6.73E-01	-1.97E-07	6.73E-01	7.56E-01	7.56E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
	41106014	7.22E-04	9.47E-02	2.63E-02	7.30E-02	0.00E+00	0.00E+00	6.12E-01	1.09E-06	3.45E-04	6.87E-04	0.00E+00	-2.36E-03	5.40E-10	4.21E-09	3.17E-03	1.54E-01	0.00E+00	0.00E+00	4.49E-01	3.73E-02	6.73E-01	0.00E+00	5.54E-09	2.90E-09	1.90E-04	9.59E-07	7.56E-02	0.00E+00	6.73E-01	-1.97E-07	6.73E-01	7.56E-01	7.56E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
	41106015	7.20E-04	9.47E-02	2.62E-02	7.28E-02	0.00E+00	0.00E+00	6.12E-01	1.08E-06	3.44E-04	6.85E-04	0.00E+00	-2.36E-03	5.23E-10	4.19E-09	3.17E-03	1.52E-01	0.00E+00	0.00E+00	4.46E-01	3.66E-02	6.72E-01	0.00E+00	5.53E-09	2.88E-09	1.90E-04	9.47E-07	7.52E-02	0.00E+00	6.72E-01	-1.93E-07	6.72E-01	7.54E-01	7.52E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
	41106024	7.32E-04	9.49E-02	2.05E-02	7.34E-02	0.00E+00	0.00E+00	5.91E-01	1.05E-06	3.35E-04	7.00E-04	0.00E+00	-1.32E-03	3.20E-10	4.20E-09	3.12E-03	1.57E-01	0.00E+00	0.00E+00	4.52E-01	3.16E-02	6.83E-01	0.00E+00	5.46E-09	2.96E-09	1.91E-04	7.78E-07	7.90E-02	0.00E+00	6.83E-01	-1.59E-07	6.83E-01	7.62E-01	7.90E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
	41106084	7.89E-04	9.53E-02	2.61E-02	7.30E-02	0.00E+00	0.00E+00	5.73E-01	1.09E-06	3.47E-04	6.96E-04	0.00E+00	-2.37E-03	5.23E-10	4.18E-09	3.21E-03	1.54E-01	0.00E+00	0.00E+00	4.45E-01	3.65E-02	6.80E-01	0.00E+00	5.72E-09	2.91E-09	1.92E-04	9.43E-07	7.56E-02	0.00E+00	6.80E-01	-1.92E-07	6.80E-01	7.76E-01	7.56E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
	41106086	7.96E-04	9.48E-02	2.64E-02	7.31E-02	0.00E+00	0.00E+00	6.22E-01	1.13E-06	3.49E-04	6.94E-04	0.00E+00	-2.38E-03	5.23E-10	4.20E-09	3.17E-03	1.52E-01	0.00E+00	0.00E+00	4.53E-01	3.74E-02	6.74E-01	0.00E+00	5.54E-09	2.88E-09	1.92E-04	9.58E-07	7.57E-02	0.00E+00	6.74E-01	-1.99E-07	6.74E-01	7.55E-01	7.57E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
	41106089	7.23E-04	9.47E-02	2.64E-02	7.28E-02	0.00E+00	0.00E+00	6.12E-01	1.08E-06	3.44E-04	6.87E-04	0.00E+00	-2.38E-03	5.23E-10	4.19E-09	3.17E-03	1.52E-01	0.00E+00	0.00E+00	4.44E-01	3.74E-02	6.72E-01	0.00E+00	5.53E-09	2.88E-09	1.90E-04	9.60E-07	7.52E-02	0.00E+00	6.72E-01	-1.99E-07	6.72E-01	7.54E-01	7.52E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
	41107009	7.59E-04	9.40E-02	2.09E-02	7.39E-02	0.00E+00	0.00E+00	6.13E-01	1.10E-06	3.50E-04	7.19E-04	0.00E+00	-1.35E-03	5.23E-10	4.19E-09	3.27E-03	1.57E-01	0.00E+00	0.00E+00	4.52E-01	3.14E-02	6.92E-01	0.00E+00	5.74E-09	2.99E-09	1.93E-04	7.85E-07	7.72E-02	0.00E+00	6.92E-01	-1.36E-07	6.92E-01	7.92E-01	7.72E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
	41107113	7.68E-04	9.26E-02	2.10E-02	7.38E-02	0.00E+00	0.00E+00	6.14E-01	1.11E-06	3.50E-04	7.22E-04	0.00E+00	-1.33E-03	5.40E-10	4.20E-09	3.28E-03	1.59E-01	0.00E+00	0.00E+00	4.55E-01	3.10E-02	6.89E-01	0.00E+00	5.80E-09	3.01E-09	1.91E-04	7.91E-07	7.68E-02	0.00E+00	6.89E-01	-1.26E-07	6.89E-01	7.90E-01	7.68E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
	41107114	9.02E-04	9.37E-02	1.93E-02	7.54E-02	0.00E+00	0.00E+00	6.14E-01	1.10E-06	3.51E-04	7.36E-04	0.00E+00	-1.17E-03	5.40E-10	4.21E-09	3.61E-03	1.65E-01	0.00E+00	0.00E+00	4.64E-01	3.05E-02	7.32E-01	0.00E+00	6.52E-09	3.26E-09	1.96E-04	7.64E-07	7.96E-02	0.00E+00	7.32E-01	-1.12E-07	7.32E-01	8.67E-01	7.96E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
	41107115	9.02E-04	9.37E-02	1.93E-02	7.53E-02	0.00E+00	0.00E+00	6.15E-01	1.09E-06	3.51E-04	7.34E-04	0.00E+00	-1.17E-03	5.23E-10	4.19E-09	3.61E-03	1.64E-01	0.00E+00	0.00E+00	4.61E-01	3.05E-02	7.32E-01	0.00E+00	6.49E-09	3.25E-09	1.96E-04	7.64E-07	7.93E-02	0.00E+00	7.32E-01	-1.23E-07	7.32E-01	8.65E-01	7.93E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
	41108913	6.74E-04	9.81E-02	2.64E-02	7.17E-02	0.00E+00	0.00E+00	6.91E-01	1.21E-06	3.81E-04	6.95E-04	0.00E+00	-2.01E-03	8.41E-10	4.78E-09	3.74E-03	1.70E-01	0.00E+00	0.00E+00	4.79E-01	3.88E-02	8.09E-01	0.00E+00	6.38E-09	3.13E-09	2.05E-04	9.49E-07	8.10E-02	0.00E+00	8.09E-01	-1.75E-07	8.09E-01	8.90E-01	8.10E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
	41108914	7.00E-04	9.58E-02	2.64E-02	7.31E-02	0.00E+00	0.00E+00	6.26E-01	1.14E-06	3.50E-04	6.90E-04	0.00E+00	-2.40E-03	5.58E-10	4.32E-09	3.19E-03	1.57E-01	0.00E+00	0.00E+00	4.54E-01	3.79E-02	6.74E-01	0.00E+00	5.60E-09	2.90E-09	1.90E-04	9.62E-07	7.60E-02	0.00E+00	6.74E-01	-2.10E-07	6.74E-01	7.63E-01	7.60E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
	41108915	7.74E-04	9.35E-02	2.75E-02	6.96E-02	0.00E+00	0.00E+00	6.28E-01	1.12E-06	3.64E-04	6.73E-04	0.00E+00	-2.71E-03	5.41E-10	4.30E-09	3.22E-03	1.54E-01	5.36E-06	0.00E+00	4.48E-01	3.82E-02	6.79E-01	0.00E+00	5.71E-09	2.90E-09	1.88E-04	9.60E-07	7.68E-02	0.00E+00	6.79E-01	-2.05E-07	6.79E-01	7.71E-01	7.68E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
	41108924	4.48E-04	9.81E-02	2.90E-02	6.78E-02	0.00E+00	0.00E+00	6.07E-01	6.13E-07	2.18E-04	6.66E-04	0.00E+00	-3.04E-03	3.42E-10	1.72E-09	2.95E-03	6.87E-02	0.00E+00	0.00E+00	1.48E-01	6.28E-02	5.51E-01	0.00E+00	4.85E-09	2.09E-09	2.00E-04	1.12E-06	4.64E-02	0.00E+00	5.51E-01	-2.14E-07	5.51E-01	5.94E-01	4.64E-02	0.00E+00	0.00E+00	0.00E+00	8.12E+00

41108989	7.19E-04	9.67E-02	2.64E-02	7.37E-02	0.00E+00	0.00E+00	6.28E-01	1.12E-06	3.42E-04	7.04E-04	0.00E+00	-2.41E-03	5.38E-10	4.22E-09	3.18E-03	1.55E-01	0.00E+00	0.00E+00	4.52E-01	3.78E-02	6.73E-01	0.00E+00	5.58E-09	2.89E-09	1.90E-04	9.65E-07	7.50E-02	0.00E+00	6.73E-01	-2.08E-07	6.73E-01	7.59E-01	7.50E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
41157003	7.65E-04	9.33E-02	1.43E-02	8.19E-02	0.00E+00	0.00E+00	6.13E-01	1.29E-06	3.46E-04	8.34E-04	0.00E+00	-1.47E-03	9.73E-11	4.07E-09	4.63E-03	1.92E-01	0.00E+00	0.00E+00	5.01E-01	1.66E-02	9.95E-01	0.00E+00	7.84E-09	3.92E-09	2.47E-04	3.79E-07	8.75E-02	0.00E+00	9.95E-01	1.50E-07	9.95E-01	1.09E+00	8.75E-02	0.00E+00	0.00E+00	0.00E+00	1.81E+01
41157004	7.95E-04	9.69E-02	1.43E-02	8.82E-02	0.00E+00	0.00E+00	7.30E-01	1.56E-06	3.49E-04	8.98E-04	0.00E+00	-1.48E-03	9.94E-11	4.33E-09	4.78E-03	2.00E-01	0.00E+00	0.00E+00	5.88E-01	1.62E-02	1.08E+00	0.00E+00	8.51E-09	4.15E-09	2.60E-04	3.72E-07	1.01E-01	0.00E+00	1.08E+00	1.56E-07	1.08E+00	1.19E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
41157006	5.73E-04	8.27E-02	1.86E-02	6.41E-02	0.00E+00	0.00E+00	5.68E-01	1.10E-06	3.18E-04	6.31E-04	0.00E+00	-2.01E-03	9.88E-11	3.93E-09	3.23E-03	1.48E-01	0.00E+00	0.00E+00	4.31E-01	2.65E-02	7.04E-01	0.00E+00	5.49E-09	2.73E-09	1.83E-04	6.48E-07	7.30E-02	0.00E+00	7.04E-01	-9.17E-08	7.04E-01	7.77E-01	7.30E-02	0.00E+00	0.00E+00	0.00E+00	1.55E+01
41157009	5.73E-04	8.27E-02	1.86E-02	6.41E-02	0.00E+00	0.00E+00	5.68E-01	1.10E-06	3.18E-04	6.31E-04	0.00E+00	-2.01E-03	9.88E-11	3.93E-09	3.23E-03	1.48E-01	0.00E+00	0.00E+00	4.31E-01	2.65E-02	7.04E-01	0.00E+00	5.49E-09	2.73E-09	1.83E-04	6.48E-07	7.30E-02	0.00E+00	7.04E-01	-9.17E-08	7.04E-01	7.77E-01	7.30E-02	0.00E+00	0.00E+00	0.00E+00	1.55E+01
41231404	6.24E-04	8.34E-02	1.73E-02	6.50E-02	0.00E+00	0.00E+00	5.73E-01	1.11E-06	3.13E-04	6.18E-04	0.00E+00	-1.84E-03	9.56E-11	3.93E-09	3.60E-03	1.50E-01	0.00E+00	0.00E+00	4.40E-01	2.44E-02	7.02E-01	0.00E+00	5.59E-09	2.76E-09	1.75E-04	6.02E-07	7.51E-02	0.00E+00	7.02E-01	-5.68E-08	7.02E-01	8.20E-01	7.51E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
41231606	8.59E-04	8.01E-02	1.30E-02	6.18E-02	0.00E+00	0.00E+00	5.88E-01	1.13E-06	3.20E-04	6.80E-04	0.00E+00	-1.44E-03	9.56E-11	3.94E-09	3.90E-03	1.63E-01	0.00E+00	0.00E+00	4.52E-01	1.59E-02	7.58E-01	0.00E+00	6.84E-09	3.22E-09	1.84E-04	4.24E-07	7.80E-02	0.00E+00	7.58E-01	3.32E-08	7.58E-01	9.33E-01	7.80E-02	0.00E+00	0.00E+00	0.00E+00	1.59E+01
41231909	6.82E-04	8.54E-02	1.73E-02	6.52E-02	0.00E+00	0.00E+00	5.77E-01	1.11E-06	3.28E-04	6.37E-04	0.00E+00	-1.83E-03	9.68E-11	4.08E-09	3.51E-03	1.56E-01	0.00E+00	0.00E+00	4.44E-01	2.41E-02	7.20E-01	0.00E+00	5.79E-09	2.97E-09	1.78E-04	5.91E-07	7.59E-02	0.00E+00	7.20E-01	-4.55E-08	7.20E-01	8.30E-01	7.59E-02	0.00E+00	0.00E+00	0.00E+00	1.59E+01
41232045	6.08E-04	8.40E-02	1.65E-02	6.46E-02	0.00E+00	0.00E+00	5.66E-01	1.10E-06	3.27E-04	6.31E-04	0.00E+00	-1.60E-03	9.56E-11	4.01E-09	3.40E-03	1.45E-01	0.00E+00	0.00E+00	4.36E-01	2.27E-02	6.95E-01	0.00E+00	5.50E-09	2.71E-09	1.76E-04	5.87E-07	7.40E-02	0.00E+00	6.95E-01	-4.62E-08	6.95E-01	7.89E-01	7.40E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
41232089	6.08E-04	8.38E-02	1.72E-02	6.38E-02	0.00E+00	0.00E+00	5.67E-01	1.10E-06	3.28E-04	6.34E-04	0.00E+00	-1.77E-03	9.56E-11	4.02E-09	3.49E-03	1.46E-01	0.00E+00	0.00E+00	4.34E-01	2.04E-02	7.02E-01	0.00E+00	5.55E-09	2.75E-09	1.76E-04	5.81E-07	7.51E-02	0.00E+00	7.02E-01	-4.95E-08	7.02E-01	8.15E-01	7.51E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
41236084	8.28E-04	8.84E-02	2.25E-02	6.45E-02	0.00E+00	0.00E+00	5.59E-01	1.08E-06	3.51E-04	6.22E-04	0.00E+00	-2.47E-03	9.66E-11	4.12E-09	3.22E-03	1.51E-01	0.00E+00	0.00E+00	4.37E-01	3.29E-02	6.78E-01	0.00E+00	5.57E-09	2.72E-09	1.81E-04	8.03E-07	7.59E-02	0.00E+00	6.78E-01	-1.76E-07	6.78E-01	7.66E-01	7.59E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
41236086	7.33E-04	8.74E-02	2.27E-02	6.31E-02	0.00E+00	0.00E+00	5.80E-01	1.08E-06	3.44E-04	6.12E-04	0.00E+00	-2.48E-03	9.66E-11	4.12E-09	3.21E-03	1.51E-01	0.00E+00	0.00E+00	4.37E-01	3.33E-02	6.75E-01	0.00E+00	5.47E-09	2.72E-09	1.78E-04	8.06E-07	7.53E-02	0.00E+00	6.75E-01	-1.74E-07	6.75E-01	7.61E-01	7.53E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
41236089	5.74E-04	9.01E-02	2.29E-02	6.72E-02	0.00E+00	0.00E+00	5.65E-01	1.06E-06	3.27E-04	6.43E-04	0.00E+00	-2.55E-03	9.92E-11	4.03E-09	3.13E-03	1.45E-01	0.00E+00	0.00E+00	4.21E-01	3.36E-02	6.60E-01	0.00E+00	5.18E-09	2.58E-09	1.82E-04	8.20E-07	7.08E-02	0.00E+00	6.60E-01	-1.84E-07	6.60E-01	7.31E-01	7.08E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
41238982	7.41E-04	8.94E-02	2.30E-02	6.11E-02	0.00E+00	0.00E+00	5.90E-01	1.13E-06	3.70E-04	6.61E-04	0.00E+00	-2.78E-03	9.85E-11	4.83E-09	3.30E-03	1.44E-01	0.00E+00	0.00E+00	4.27E-01	3.36E-02	6.82E-01	0.00E+00	5.79E-09	2.98E-09	2.08E-04	8.54E-07	7.68E-02	0.00E+00	6.82E-01	-1.78E-07	6.82E-01	7.72E-01	7.68E-02	0.00E+00	0.00E+00	0.00E+00	1.59E+01
41238989	5.74E-04	8.93E-02	2.24E-02	6.69E-02	0.00E+00	0.00E+00	5.65E-01	1.06E-06	3.27E-04	6.41E-04	0.00E+00	-2.48E-03	9.92E-11	4.03E-09	3.12E-03	1.45E-01	0.00E+00	0.00E+00	4.21E-01	3.28E-02	6.60E-01	0.00E+00	5.18E-09	2.58E-09	1.81E-04	8.01E-07	7.08E-02	0.00E+00	6.60E-01	-1.77E-07	6.60E-01	7.31E-01	7.08E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
41241404	8.27E-04	9.49E-02	1.69E-02	8.36E-02	0.00E+00	0.00E+00	6.32E-01	1.34E-06	3.52E-04	8.64E-04	0.00E+00	-1.73E-03	9.80E-11	4.10E-09	4.51E-03	1.90E-01	0.00E+00	0.00E+00	5.35E-01	2.34E-02	1.08E+00	0.00E+00	8.59E-09	4.08E-09	2.53E-04	5.72E-07	9.22E-02	0.00E+00	1.08E+00	6.75E-08	1.08E+00	1.17E+00	9.22E-02	0.00E+00	0.00E+00	0.00E+00	1.87E+01
41241606	6.37E-04	9.24E-02	1.66E-02	7.77E-02	0.00E+00	0.00E+00	5.95E-01	7.66E-07	2.23E-04	7.58E-04	0.00E+00	-1.86E-03	1.04E-10	1.66E-09	4.22E-03	8.77E-02	0.00E+00	0.00E+00	1.82E-01	5.00E-02	8.29E-01	0.00E+00	6.59E-09	2.67E-09	2.27E-04	6.11E-07	6.01E-02	0.00E+00	8.29E-01	9.90E-08	8.29E-01	9.00E-01	6.01E-02	0.00E+00	0.00E+00	0.00E+00	9.91E+00
41241909	5.88E-04	9.32E-02	2.06E-02	7.79E-02	0.00E+00	0.00E+00	5.93E-01	7.65E-07	2.23E-04	7.57E-04	0.00E+00	-2.10E-03	1.13E-10	1.69E-09	4.01E-03	8.73E-02	0.00E+00	0.00E+00	1.82E-01	5.56E-02	8.21E-01	0.00E+00	6.51E-09	2.64E-09	2.27E-04	7.92E-07	5.95E-02	0.00E+00	8.21E-01	1.32E-08	8.21E-01	8.89E-01	5.95E-02	0.00E+00	0.00E+00	0.00E+00	9.91E+00
41248982	8.10E-04	9.32E-02	1.69E-02	8.09E-02	0.00E+00	0.00E+00	6.17E-01	1.29E-06	3.43E-04	8.22E-04	0.00E+00	-1.70E-03	1.11E-10	4.01E-09	4.22E-03	1.83E-01	0.00E+00	0.00E+00	4.98E-01	2.36E-02	9.80E-01	0.00E+00	7.71E-09	3.85E-09	2.46E-04	5.81E-07	8.59E-02	0.00E+00	9.80E-01	6.23E-08	9.80E-01	1.06E+00	8.59E-02	0.00E+00	0.00E+00	0.00E+00	1.79E+01
41248989	8.10E-04	9.32E-02	1.69E-02	8.09E-02	0.00E+00	0.00E+00	6.17E-01	1.29E-06	3.43E-04	8.22E-04	0.00E+00	-1.70E-03	1.11E-10	4.01E-09	4.22E-03	1.83E-01	0.00E+00	0.00E+00	4.98E-01	2.36E-02	9.80E-01	0.00E+00	7.71E-09	3.85E-09	2.46E-04	5.81E-07	8.59E-02	0.00E+00	9.80E-01	6.23E-08	9.80E-01	1.06E+00	8.59E-02	0.00E+00	0.00E+00	0.00E+00	1.79E+01
41357003	7.93E-04	9.87E-02	1.49E-02	8.72E-02	0.00E+00	0.00E+00	6.37E-01	1.34E-06	3.50E-04	8.98E-04	0.00E+00	-1.47E-03	9.79E-11	4.15E-09	4.68E-03	1.97E-01	0.00E+00	0.00E+00	5.37E-01	1.76E-02	1.07E+00	0.00E+00	8.44E-09	4.17E-09	2.58E-04	4.10E-07	9.32E-02	0.00E+00	1.07E+00	1.45E-07	1.07E+00	1.18E+00	9.32E-02	0.00E+00	0.00E+00	0.00E+00	1.89E+01
41357004	7.93E-04	1.02E-01	1.49E-02	8.89E-02	0.00E+00	0.00E+00	7.32E-01	1.57E-06	3.53E-04	9.12E-04	0.00E+00	-1.48E-03	9.92E-11	4.38E-09	4.68E-03	2.02E-01	0.00E+00	0.00E+00	5.90E-01	1.75E-02	1.08E+00	0.00E+00	8.55E-09	4.20E-09	2.61E-04	4.07E-07	1.00E-01	0.00E+00	1.08E+00	1.48E-07	1.08E+00	1.19E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
41357006	7.16E-04	8.53E-02	1.74E-02	6.56E-02	0.00E+00	0.00E+00	5.70E-01	1.11E-06	3.30E-04	6.41E-04	0.00E+00	-1.87E-03	9.63E-11	4.07E-09	3.40E-03	1.52E-01	0.00E+00	0.00E+00	4.44E-01	2.56E-02	7.00E-01	0.00E+00	5.69E-09	2.79E-09	1.80E-04	6.26E-07	7.53E-02	0.00E+00	7.00E-01	-6.56E-08	7.00E-01	7.93E-01	7.53E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
41357009	7.35E-04	8.53E-02	1.75E-02	6.64E-02	0.00E+00	0.00E+00	5.67E-01	1.10E-06	3.36E-04	6.45E-04	0.00E+00	-1.85E-03	9.63E-11	4.06E-09	3.42E-03	1.52E-01	0.00E+00	0.00E+00	4.40E-01	2.59E-02	6.98E-01	0.00E+00	5.62E-09	2.77E-09	1.79E-04	6.31E-07	7.51E-02	0.00E+00	6.98E-01	-6.13E-08	6.98E-01	7.95E-01	7.51E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
41392045	8.63E-04	1.83E-01	1.42E-02	1.63E-01	0.00E+00	0.00E+00	5.79E-01	1.07E-06	4.61E-04	1.39E-03	0.00E+00	-2.97E-04	1.14E-10	4.26E-09	5.76E-03	2.32E-01	0.00E+00	0.00E+00	5.40E-01	4.69E-03	1.25E+00	0.00E+00	1.02E-08	5.32E-09	4.16E-04	4.30E-07	9.94E-02	0.00E+00	1.25E+00	2.06E-07	1.25E+00	1.29E+00	9.94E-02	0.00E+00	0.00E+00	0.00E+00	1.91E+01
41392089	6.26E-04	9.09E-02	2.56E-03	7.44E-02	0.00E+00	0.00E+00	3.92E-01	8.17E-07	3.71E-04	7.24E-04	0.00E+00	-1.85E-04	7.20E-11	3.73E-09	3.00E-03	1.53E-01	0.00E+00	0.00E+00	3.92E-01	6.88E-04	7.50E-01	0.00E+00	6.32E-09	3.34E-09	2.17E-04	1.62E-08	6.81E-02	0.00E+00	7.50E-01	2.64E-07	7.50E-01	8.13E-01	6.81E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
41401606	5.54E-04	1.72E-01	2.33E-02	1.44E-01	0.00E+00	0.00E+00	6.57E-01	6.43E-07	3.08E-04	1.31E-03	0.00E+00	-9.86E-04	1.21E-10	2.49E-09	4.25E-03	1.42E-01	3.25E-07	0.00E+00	2.23E-01	5.17E-02	8.47E-01	0.00E+00	6.96E-09	3.38E-09	3.25E-04	9.22E-07	5.61E-02	0.00E+00	8.47E-01	-2.58E-07	8.47E-01	9.09E-01	5.61E-02	0.00E+00	0.00E+00	0.00E+00	9.70E+00
41401909	6.57E-04	8.45E-02	4.56E-03	5.84E-02	0.00E+00	0.00E+00	4.75E-01	7.76E-07	2.43E-04	6.91E-04	0.00E+00	-3.45E-04	8.13E-11	2.47E-09	3.11E-03	1.04E-01	1.61E-07	0.00E+00	3.71E-01	1.19E-02	6.99E-01	0.00E+00	5.92E-09	2.81E-09	2.09E-04	9.01E-08	7.06E-02	0.00E+00	6.99E-01	-3.80E-08	6.99E-01	7.55E-01	7.06E-02	0.00E+00	0.00E+00	0.00E+00	1.59E+01
41406086	7.07E-04	8.32E-02	3.93E-03	6.68E-02	0.00E+00	0.00E+00	5.21E-01	1.08E-06	3.39E-04	7.19E-04	0.00E+00	-1.82E-04	8.21E-11	4.11E-09	3.29E-03	1.56E-01	1.61E-07	0.00E+00	4.19E-01	2.68E-03	8.33E-01	0.00E+00	6.83E-09	3.48E-09	2.05E-04	6.66E-08	7.96E-02	0.00E+00	8.33E-01	2.42E-07	8.33E-01	9.30E-01	7.96E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
41406089	7.08E-04	8.20E-02	3.93E-03	6.65E-02	0.00E+00	0.00E+00	5.20E-01	1.07E-06	3.40E-04	7.18E-04	0.00E+00	-1.89E-04	8.25E-11	4.08E-09	3.26E-03	1.54E-01	1.61E-07	0.00E+00	4.19E-01	3.64E-03	8.33E-01	0.00E+00	6.80E-09	3.46E-09	2.04E-04	6.99E-08	7.84E-02	0.00E+00	8.33E-01	2.35E-07	8.33E-01	9.32E-01	7.84E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
41407006	7.02E-04	8.19E-02	3.99E-03	6.70E-02	0.00E+00	0.00E+00	5.14E-01	1.04E-06	3.66E-04	7.21E-04	0.00E+00	-1.82E-04	7.72E-11	4.16E-09	3.25E-03	1.54E-01	1.61E-07	0.00E+00	4.14E-01	2.69E-03	8.31E-01	0.00E+00	6.84E-09	3.49E-09	2.06E-04	6.46E-08	7.85E-02	0.00E+00	8.31E-01	2.58E-07	8.31E-01	9.28E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
41407009	1.12E-03	1.69E-01	1.53E-02	1.53E-01	0.00E+00	0.00E+00	6.64E-01	1.15E-06	4.51E-04	1.50E-03	0.00E+00	-2.69E-04	1.18E-10	4.72E-09	5.65E-03	2.44E-01	5.05E-06	0.00E+00	5.85E-01	1.16E-02	1.41E+00	0.00E+00	1.13E-08	5.39E-09	4.37E-04	4.89E-07	1.05E-01	0.00E+00	1.41E+00	2.17E-07	1.41E+00	1.48E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	1.92E+01
41408982	7.09E-04	8.28E-02	3.91E-03	6.65E-02	0.00E+00	0.00E+00	5.20E-01	1.07E-06	3.40E-04	7.18E-04	0.00E+00	-1.89E-04	8.29E-11	4.10E-09	3.26E-03	1.56E-01	1.61E-07	0.00E+00	4.20E-01	3.64E-03	8.33E-01	0.00E+00	6.79E-09	3.46E-09	2.04E-04	6.76E-08	7.92E-02	0.00E+00	8.33E-01	2.35E-07	8.33E-01	9.33E-01	7.92E-02	0.00E+00	0.00E+00	0.00E+00	1.67E+01
41408989	7.08E-04	8.32E-02	3.83E-03	6.68E-02	0.00E+00	0.00E+00	5.20E-01	1.08E-06	3.40E-04	7.18E-04	0.00E+00	-1.82E-04	8.16E-11	4.10E-09	3.28E-03	1.56E-01	1.61E-07	0.00E+00	4.18E-01	2.64E-03	8.33E-01	0.00E+00	6.79E-09	3.47E-09	2.05E-04	6.60E-08	7.96E-02	0.00E+00	8.33E-01	2.41E-07	8.33E-01	9.29E-01	7.96E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
41428989	4.36E-04	1.31E-01	4.06E-02	9.91E-02	0.00E+00	0.00E+00	5.87E-01	4.91E-07	2.39E-04	7.34E-04	0.00E+00	-4.05E-03	9.57E-10	1.65E-09	3.47E-03	6.99E-02	0.00E+00	0.00E+00	1.59E-01	7.83E-02	5.56E-01	0.00E+00	4.24E-09	1.93E-09	1.94E-04	1.42E-06	4.06E-02	0.00E+00	5.56E-01	-2.49E-07	5.56E-01	5.33E-01	4.06E-02	0.00E+00	0.00E+00	0.00E+00	7.53E+00
41429909	5.19E-04	9.60E-02	1.98E-02	7.42E-02	0.00E+00	0.00E+00	5.88E-01	5.05E-07	2.18E-04	7.56E-04	0.00E+00	-2.11E-03	9.39E-10	1.59E-09	3.96E-03	7.79E-02	0.00E+00	0.00E+00	1.58E-01	6.97E-02	8.07E-01	0.00E+00	6.56E-09	2.69E-09	2.24E-04	8.51E-07	4.90E-02	0.00E+00	8.07E-01	7.51E-08	8.07E-01	8.59E-01	4.90E-02	0.00E+00	0.00E+00	0.00E+00	8.24E+00
41431404	7.75E-04	8.26E-02	1.73E-02	6.70E-02	0.00E+00	0.00E+00	5.79E-01	1.11E-06	3.11E-04	6.59E-04	0.00E+00	-1.82E-03	4.77E-10	3.86E-09	3.51E-03	1.50E-01	0.00E+00	0.00E+00	4.39E-01	2.47E-02	6.98E-01	0.00E+00	5.54E-09	2.73E-09	1.81E-04	6.10E-07	7.35E-02	0.00E+00	6.98E-01	-6.67E-08	6.98E-01	8.02E-01	7.35E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
41431606	9.13E-04	8.03E-02	1.14E-02	6.90E-02	0.00E+00	0.00E+00	5.90E-01	1.15E-06	3.25E-04	7.08E-04	0.00E+00	-1.09E-03	1.03E-10	3.95E-09	3.96E-03	1.65E-01	0.00E+00	0.00E+00	4.67E-01	1.43E-02	8.52E-01	0.00E+00	6.75E-09	3.21E-09	2.07E-04	3.55E-07	8.18E-02	0.00E+00	8.52E-01	6.28E-08	8.52E-01	9.34E-01	8.18E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
41431909	8.16E-04	8.33E-02	1.73E-02	6.78E-02	0.00E+00	0.00E+00	5.85E-01	1.16E-06	3.16E-04	6.89E-04	0.00E+00	-1.78E-03	5.57E-10	4.32E-09	3.41E-03	1.49E-01	0.00E+00	0.00E+00	4.21E-01	2.56E-02	7.09E-01	0.00E+00	5.63E-09	2.76E-09	1.91E-04	6.31E-07	7.62E-02	0.00E+00	7.09E-01	-7.28E-08	7.09E-01	8.11E-01	7.62E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
41431912	8.47E-04	8.28E-02	1.32E-02	6.42E-02	0.00E+00	0.00E+00	5.77E-01	1.13E-06	3.08E-04	6.97E-04	0.00E+00	-1.46E-03	9.56E-11	3.87E-09	3.92E-03	1.62E-01	0.00E+00	0.00E+00	4.55E-01	1.64E-02	7.50E-01	0.00E+00	6.77E-09	3.19E-09	1.84E-04	4.30E-07	7.83E-02	0.00E+00	7.50E-01	3.46E-08	7.50E-01	9.29E-01	7.83E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
41431913	5.93E-04	8.23E-02	1.73E-02	6.42E-02	0.00E+00	0.00E+00	5.73E-01	1.11E-06	3.08E-04	6.15E-04	0.00E+00	-1.84E-03	1.13E-10	3.87E-09	3.54E-03	1.50E-01	0.00E+00	0.00E+00	4.40E-01	2.48E-02	6.99E-01	0.00E+00	5.58E-09	2.75E-09	1.75E-04	6.00E-07	7.48E-02	0.00E+00	6.99E-01	-6.39E-08	6.99E-01	8.21E-01	7.48E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
41431914	8.46E-04	8.00E-02	1.32E-02	6.24E-02	0.00E+00	0.00E+00	5.77E-01	1.13E-06	3.08E-04	6.94E-04	0.00E+00	-1.46E-03	1.13E-10	3.86E-09	3.93E-03	1.62E-01	0.00E+00	0.00E+00	4.55E-01	1.60E-02	7.44E-01	0.00E+00	6.75E-09	3.19E-09	1.83E-04	4.30E-07	7.85E-02	0.00E+00	7.44E-01	2.67E-08	7.44E-01	9.25E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	1.59E+01
41432045	5.72E-04	8.03E-02	1.71E-02	6.32E-02	0.00E+00	0.00E+00	5.68E-01	1.10E-06	3.17E-04	6.25E-04	0.00E+00	-1.83E-03	9.88E-11	3.92E-09	3.22E-03	1.48E-01	0.00E+00	0.00E+00	4.31E-01	2.41E-02	7.04E-01	0.00E+00	5.48E-09	2.73E-09	1.81E-04	5.90E-07	7.32E-02	0.00E+00	7.04E-01	-7.08E-08	7.04E-01	7.77E-01	7.32E-02	0.00E+00	0.00E+00	0.00E+00	1.55E+01
41432089	5.72E-04	7.99E-02	1.68E-02	6.31E-02	0.00E+00	0.00E+00	5.68E-01	1.10E-06	3.17E-04	6.24E-04	0.00E+00	-1.79E-03	9.88E-11	3.92E-09	3.22E-03	1.48E-01	0.00E+00	0.00E+00	4.31E-01	2.37E-02	7.04E-01	0.00E+00	5.48E-09	2.73E-09	1.81E-04	5.80E-07	7.33E-02	0.00E+00	7.04E-01	-6.70E-08	7.04E-01	7.77E-01	7.33E-02	0.00E+00	0.00E+00	0.00E+00	1.55E+01
41436012	6.58E-04	8.72E-02	2.31E-02	6.56E-02	0.00E+00	0.00E+00	5.60E-01	1.06E-06	3.29E-04	6.20E-04	0.00E+00	-2.52E-03	9.60E-11	4.06E-09	3.09E-03	1.49E-01	0.00E+00	0.00E+00	4.24E-01	3.51E-02	6.60E-01	0.00E+00	5.10E-09	2.57E-09	1.77E-04	8.32E-07	7.18E-02	0.00E+00	6.60E-01	-1.90E-07	6.60E-01	7.22E-01	7.18E-02	0.00E+00	0.00E+00	0.00E+00	1.51E+01
41436013	6.59E-04	8.61E-02	2.16E-02	6.53E-02	0.00E+00	0.00E+00	5.64E-01	1.08E-06	3.32E-04	6.27E-04	0.00E+00	-2.20E-03	1.14E-10	4.13E-09	3.17E-03	1.53E-01	0.00E+00	0.00E+00	4.36E-01	3.13E-02	6.65E-01	0.00E+00	5.20E-09	2.63E-09	1.78E-04	7.76E-07	7.51E-02	0.00E+00	6.65E-01	-1.32E-07	6.65E-01	7.35E-01	7.51E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
41436014	7.01E-04	8.30E-02	2.18E-02	6.14E-02	0.00E+00	0.00E+00	5.79E-01	1.07E-06	3.39E-04	5.92E-04	0.00E+00	-2.18E-03	1.14E-10	4.14E-09	3.21E-03	1.55E-01	0.00E+00	0.00E+00	4.39E-01	3.17E-02	6.76E-01	0.00E+00	5.39E-09	2.66E-09	1.77E-04	7.76E-07	7.66E-02	0.00E+00	6.76E-01	-1.31E-07	6.76E-01	7.58E-01	7.66E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
41436084	7.40E-04	8.72E-02	2.40E-02	6.63E-02	0.00E+00	0.00E+00	5.32E-01	1.06E-06	3.24E-04	6.31E-04	0.00E+00	-2.52E-03	9.60E-11	3.99E-09	3.09E-03	1.49E-01	0.00E+00	0.00E+00	4.19E-01	3.54E-02	6.61E-01	0.00E+00	5.16E-09	2.59E-09	1.79E-04	8.61E-07	7.10E-02	0.00E+00	6.61E-01	-1.94E-07	6.61E-01	7.23E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	1.51E+01
41436086	5.53E-04	8.54E-02	2.28E-02	6.26E-02	0.00E+00	0.00E+00	5.57E-01	1.05E-06	3.15E-04	6.04E-04	0.00E+00	-2.53E-03	9.74E-11	3.92E-09	3.05E-03	1.41E-01	0.00E+00	0.00E+00	4.13E-01	3.34E-02	6.41E-01	0.00E+00	5.00E-09	2.48E-09	1.72E-04	8.16E-07	6.92E-02	0.00E+00	6.41E-01	-1.85E-07	6.41E-01	7.10E-01	6.92E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
41436089	5.53E-04	8.54E-02	2.28E-02	6.26E-02	0.00E+00	0.00E+00	5.57E-01	1.05E-06	3.15E-04	6.04E-04	0.00E+00	-2.54E-03	9.74E-11	3.92E-09	3.05E-03	1.41E-01	0.00E+00	0.00E+00	4.13E-01	3.35E-02	6.41E-01	0.00E+00	5.00E-09	2.48E-09	1.72E-04	8.17E-07	6.92E-02	0.00E+00	6.41E-01	-1.85E-07	6.41E-01	7.10E-01	6.92E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
41438912	6.85E-04	8.79E-02	2.31E-02	6.65E-02	0.00E+00	0.00E+00	5.65E-01	1.08E-06	3.22E-04	6.41E-04	0.00E+00	-2.56E-03	9.83E-11	4.01E-09	3.10E-03	1.49E-01	0.00E+00	0.00E+00	4.22E-01	3.50E-02	6.60E-01	0.00E+00	5.08E-09	2.56E-09	1.77E-04	8.29E-07	7.16E-02	0.00E+00	6.60E-01	-1.89E-07	6.60E-01	7.21E-01	7.16E-02	0.00E+00	0.00E+00	0.00E+00	1.51E+01
41438913	7.31E-04	8.61E-02	2.54E-02	6.32E-02	0.00E+00	0.00E+00	5.83E-01	1.08E-06	3.37E-04	6.14E-04	0.00E+00	-2.62E-03	1.16E-10	4.16E-09	3.19E-03	1.55E-01	0.00E+00	0.00E+00	4.36E-01	3.48E-02	6.74E-01	0.00E+00	5.34E-09	2.63E-09	1.77E-04	9.00E-07	7.65E-02	0.00E+00	6.74E-01	-2.03E-07	6.74E-01	7.52E-01	7.65E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
41438914	6.90E-04	8.82E-02	2.53E-02	6.50E-02	0.00E+00	0.00E+00	5.70E-01	1.09E-06	3.29E-04	6.39E-04	0.00E+00	-2.64E-03	1.16E-10	4.15E-09	3.16E-03	1.52E-01	0.00E+00	0.00E+00	4.32E-01	3.45E-02	6.63E-01	0.00E+00	5.15E-09	2.60E-09	1.78E-04	9.04E-07	7.47E-02	0.00E+00	6.63E-01	-2.04E-07	6.63E-01	7.32E-01	7.47E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
41438982	7.11E-04	8.82E-02	2.30E-02	6.51E-02	0.00E+00	0.00E+00	5.68E-01	1.10E-06	3.28E-04	6.43E-04	0.00E+00	-2.88E-03	9.88E-11	4.40E-09	3.18E-03	1.53E-01	0.00E+00	0.00E+00	4.28E-01	3.36E-02	6.74E-01	0.00E+00	5.26E-09	2.70E-09	1.87E-04	8.62E-07	7.60E-02	0.00E+00	6.74E-01	-1.85E-07	6.74E-01	7.47E-01	7.60E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
41438989	7.36E-04	8.63E-02	3.73E-02	6.32E-02	0.00E+00	0.00E+00	5.75E-01	1.11E-06	3.34E-04	6.26E-04	0.00E+00	-5.56E-03	9.83E-11	4.53E-09	3.13E-03	1.56E-01	0.00E+00	0.00E+00	4.32E-01	6.41E-02	6.80E-01	0.00E+00	5.39E-09	2.68E-09	1.88E-04	1.58E-06	7.47E-02	0.00E+00	6.80E-01	-3.04E-07	6.80E-01	7.49E-01	7.47E-02	0.00E+00	0.00E+00	0.00E+00	1.61E+01
414520	5.21E-04	7.30E-02	1.87E-02	5.43E-02	0.00E+00	0.00E+00	4.61E-01	8.55E-07	3.08E-04	5.26E-04	0.00E+00	-2.08E-03	8.15E-11	3.70E-09	2.53E-03	1.24E-01	0.00E+00	0.00E+00	3.50E-01	2.74E-02	5.37E-01	0.00E+00	4.22E-09	2.15E-09	1.52E-04	6.69E-07	5.89E-02	0.00E+00	5.37E-01	-1.56E-07	5.37E-01	5.96E-01	5.89E-02	0.00E+00	0.00E+00	0.00E+00	1.26E+01
41452045	5.56E-04	7.08E-02	1.73E-02	5.19E-02	1.27E-10	0.00E+00	6.23E-01	9.32E-07	3.20E-04	6.02E-04	0.00E+00	-6.07E-04	8.50E-11	3.74E-09	3.91E-03	1.30E-01	0.00E+00	0.00E+00	3.57E-01	2.44E-02	6.22E-01	0.00E+00	4.63E-09	2.12E-09	1.61E-04	5.91E-07	6.47E-02	0.00E+00	6.22E-01	-3.98E-09	6.22E-01	6.90E-01	6.47E-02	0.00E+00	0.00E+00	0.00E+00	1.32E+01
41452089	5.44E-04	7.12E-02	1.77E-02	5.23E-02	1.31E-10	0.00E+00	6.17E-01	9.30E-07	3.12E-04	5.87E-04	0.00E+00	2.23E-03	8.76E-11	3.73E-09	3.83E-03	1.34E-01	0.00E+00	0.00E+00	3.54E-01	2.43E-02	6.45E-01	0.00E+00	4.64E-09	2.06E-09	1.59E-04	5.72E-07	6.54E-02	0.00E+00	6.45E-01	-3.93E-08	6.45E-01	7.15E-01	6.54E-02	0.00E+00	0.00E+00	0.00E+00	1.33E+01
414521	5.21E-04	7.26E-02	1.85E-02	5.41E-02	0.00E+00	0.00E+00	4.61E-01	8.55E-07	3.08E-04	5.25E-04	0.00E+00	-2.04E-03	8.14E-11	3.70E-09	2.53E-03	1.24E-01	0.00E+00	0.00E+00	3.50E-01	2.69E-02	5.37E-01	0.00E+00	4.22E-09	2.15E-09	1.51E-04	6.57E-07	5.89E-02	0.00E+00	5.37E-01	-1.52E-07	5.37E-01	5.96E-01	5.89E-02	0.00E+00	0.00E+00	0.00E+00	1.26E+01
41491404	7.99E-04	8.39E-02	1.72E-02	6.59E-02	0.00E+00	0.00E+00	5.72E-01	1.12E-06	3.15E-04	6.42E-04	0.00E+00	-1.76E-03	1.01E-10	3.93E-09	3.59E-03	1.51E-01	0.00E+00	0.00E+00	4.43E-01	2.38E-02	7.08E-01	0.00E+00	5.72E-09	2.79E-09	1.79E-04	5.83E-07	7.56E-02	0.00E+00	7.08E-01	-5.11E-08	7.08E-01	8.28E-01	7.56E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
41491606	8.36E-04	8.38E-02	1.31E-02	6.86E-02	0.00E+00	0.00E+00	5.76E-01	1.13E-06	3.15E-04	7.15E-04	0.00E+00	-1.45E-03	1.01E-10	3.92E-09	3.91E-03	1.62E-01	0.00E+00	0.00E+00	4.57E-01	1.62E-02	7.49E-01	0.00E+00	6.74E-09	3.19E-09	1.87E-04	4.19E-07	7.82E-02	0.00E+00	7.49E-01	2.99E-08	7.49E-01	9.20E-01	7.82E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
41491909	6.49E-04	8.29E-02	1.72E-02	6.40E-02	0.00E+00	0.00E+00	5.75E-01	1.12E-06	3.21E-04	6.33E-04	0.00E+00	-1.76E-03	1.01E-10	3.99E-09	3.55E-03	1.55E-01	0.00E+00	0.00E+00	4.49E-01	2.36E-02	7.07E-01	0.00E+00	5.76E-09	2.78E-09	1.81E-04	5.84E-07	7.58E-02	0.00E+00	7.07E-01	-4.15E-08	7.07E-01	8.28E-01	7.58E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
41496084	7.39E-04	8.78E-02	2.29E-02	6.67E-02	0.00E+00	0.00E+00	5.36E-01	1.07E-06	3.37E-04	6.40E-04	0.00E+00	-2.50E-03	1.01E-10	4.12E-09	3.16E-03	1.49E-01	0.00E+00	0.00E+00	4.27E-01	3.47E-02	6.65E-01	0.00E+00	5.31E-09	2.64E-09	1.79E-04	8.28E-07	7.35E-02	0.00E+00	6.65E-01	-1.83E-07	6.65E-01	7.37E-01	7.35E-02	0.00E+00	0.00E+00	0.00E+00	1.55E+01
41496086	8.21E-04	8.81E-02	2.26E-02	6.36E-02	0.00E+00	0.00E+00	6.04E-01	1.12E-06	3.48E-04	6.19E-04	0.00E+00	-2.49E-03	1.02E-10	4.17E-09	3.23E-03	1.50E-01	0.00E+00	0.00E+00	4.47E-01	3.34E-02	6.82E-01	0.00E+00	5.52E-09	2.71E-09	1.82E-04	8.05E-07	7.66E-02	0.00E+00	6.82E-01	-1.74E-07	6.82E-01	7.68E-01	7.66E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
41496089	6.97E-04	8.87E-02	2.25E-02	6.50E-02	0.00E+00	0.00E+00	5.72E-01	1.07E-06	3.38E-04	6.41E-04	0.00E+00	-2.51E-03	1.02E-10	4.15E-09	3.17E-03	1.48E-01	0.00E+00	0.00E+00	4.32E-01	3.31E-02	6.70E-01	0.00E+00	5.32E-09	2.67E-09	1.81E-04	8.09E-07	7.43E-02	0.00E+00	6.70E-01	-1.77E-07	6.70E-01	7.47E-01	7.43E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
41498982	6.88E-04	8.91E-02	2.27E-02	6.68E-02	0.00E+00	0.00E+00	5.74E-01	1.08E-06	3.30E-04	6.49E-04	0.00E+00	-2.54E-03	1.06E-10	4.12E-09	3.17E-03	1.49E-01	0.00E+00	0.00E+00	4.31E-01	3.34E-02	6.66E-01	0.00E+00	5.27E-09	2.64E-09	1.77E-04	8.19E-07	7.40E-02	0.00E+00	6.66E-01	-1.79E-07	6.66E-01	7.43E-01	7.40E-02	0.00E+00	0.00E+00	0.00E+00	1.55E+01
41498989	6.86E-04	8.86E-02	2.26E-02	6.58E-02	0.00E+00	0.00E+00	5.78E-01	1.08E-06	3.30E-04	6.50E-04	0.00E+00	-2.52E-03	1.06E-10	4.13E-09	3.20E-03	1.49E-01	0.00E+00	0.00E+00	4.34E-01	3.32E-02	6.69E-01	0.00E+00	5.33E-09	2.67E-09	1.77E-04	8.15E-07	7.44E-02	0.00E+00	6.69E-01	-1.59E-07	6.69E-01	7.54E-01	7.44E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
41516013	8.13E-04	1.03E-01	2.13E-02	8.32E-02	0.00E+00	0.00E+00	6.40E-01	1.26E-06	3.53E-04	8.46E-04	0.00E+00	-1.37E-03	5.36E-10	4.17E-09	4.46E-03	1.84E-01	0.00E+00	0.00E+00	5.22E-01	3.18E-02	9.98E-01	0.00E+00	8.02E-09	3.94E-09	2.48E-04	8.00E-07	8.80E-02	0.00E+00	9.98E-01	-9.31E-08	9.98E-01	1.10E+00	8.80E-02	0.00E+00	0.00E+00	0.00E+00	1.86E+01
41516014	8.90E-04	9.52E-02	1.96E-02	7.35E-02	0.00E+00	0.00E+00	6.10E-01	1.11E-06	3.43E-04	7.15E-04	0.00E+00	-1.21E-03	5.36E-10	4.11E-09	3.79E-03	1.63E-01	0.00E+00	0.00E+00	4.66E-01	3.09E-02	7.78E-01	0.00E+00	6.77E-09	3.31E-09	1.95E-04	7.78E-07	8.03E-02	0.00E+00	7.78E-01	-1.43E-07	7.78E-01	8.92E-01	8.03E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
41516015	8.32E-04	1.03E-01	2.07E-02	8.33E-02	0.00E+00	0.00E+00	6.59E-01	1.25E-06	3.54E-04	8.56E-04	0.00E+00	-1.25E-03	5.20E-10	4.18E-09	4.63E-03	1.89E-01	0.00E+00	0.00E+00	5.26E-01	3.19E-02	1.02E+00	0.00E+00	8.18E-09	4.08E-09	2.49E-04	7.73E-07	9.03E-02	0.00E+00	1.02E+00	-8.02E-08	1.02E+00	1.12E+00	9.03E-02	0.00E+00	0.00E+00	0.00E+00	1.89E+01
41516024	9.77E-04	9.79E-02	1.93E-02	7.69E-02	0.00E+00	0.00E+00	6.24E-01	1.09E-06	3.53E-04	7.45E-04	0.00E+00	-1.21E-03	5.41E-10	4.16E-09	4.26E-03	1.71E-01	0.00E+00	0.00E+00	4.71E-01	3.11E-02	8.24E-01	0.00E+00	7.11E-09	3.39E-09	1.96E-04	7.57E-07	8.43E-02	0.00E+00	8.24E-01	-1.23E-07	8.24E-01	9.70E-01	8.43E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
41517113	9.82E-04	1.14E-01	2.13E-02	9.18E-02	0.00E+00	0.00E+00	6.78E-01	1.28E-06	4.07E-04	9.09E-04	0.00E+00	-1.35E-03	5.59E-10	4.75E-09	4.57E-03	1.92E-01	0.00E+00	0.00E+00	5.33E-01	3.21E-02	1.05E+00	0.00E+00	8.44E-09	4.03E-09	2.64E-04	7.91E-07	9.16E-02	0.00E+00	1.05E+00	-8.95E-08	1.05E+00	1.15E+00	9.16E-02	0.00E+00	0.00E+00	0.00E+00	1.99E+01
41517115	1.07E-03	1.14E-01	1.95E-02	9.37E-02	0.00E+00	0.00E+00	6.83E-01	1.27E-06	4.08E-04	9.36E-04	0.00E+00	-1.18E-03	5.40E-10	4.73E-09	4.67E-03	1.97E-01	0.00E+00	0.00E+00	5.37E-01	3.15E-02	1.04E+00	0.00E+00	8.50E-09	4.13E-09	2.69E-04	7.66E-07	9.31E-02	0.00E+00	1.04E+00	-7.92E-08	1.04E+00	1.15E+00	9.31E-02	0.00E+00	0.00E+00	0.00E+00	1.99E+01
41517124	1.11E-03	1.14E-01	2.13E-02	9.40E-02	0.00E+00	0.00E+00	6.66E-01	1.33E-06	3.99E-04	9.28E-04	0.00E+00	-1.32E-03	5.60E-10	4.77E-09	4.67E-03	1.98E-01	0.00E+00	0.00E+00	5.42E-01	3.23E-02	1.05E+00	0.00E+00	8.60E-09	4.16E-09	2.72E-04	7.73E-07	9.46E-02	0.00E+00	1.05E+00	-6.33E-08	1.05E+00	1.16E+00	9.46E-02	0.00E+00	0.00E+00	0.00E+00	1.94E+01
41631909	7.70E-04	1.23E-01	1.70E-02	9.40E-02	0.00E+00	0.00E+00	6.25E-01	1.34E-06	3.75E-04	9.23E-04	0.00E+00	-2.30E-03	1.14E-10	3.99E-09	5.29E-03	1.88E-01	0.00E+00	0.00E+00	5.10E-01	2.03E-02	1.11E+00	0.00E+00	8.74E-09	4.13E-09	2.78E-04	5.57E-07	8.65E-02	0.00E+00	1.11E+00	1.31E-07	1.11E+00	1.17E+00	8.65E-02	0.00E+00	0.00E+00	0.00E+00	1.87E+01
41636086	9.66E-04	1.23E-01	1.28E-02	9.65E-02	0.00E+00	0.00E+00	6.86E-01	1.42E-06	3.80E-04	9.87E-04	0.00E+00	-1.79E-03	1.16E-10	4.16E-09	6.71E-03	2.03E-01	0.00E+00	0.00E+00	5.68E-01	1.61E-02	1.29E+00	0.00E+00	1.04E-08	4.51E-09	2.97E-04	3.64E-07	9.77E-02	0.00E+00	1.29E+00	1.64E-07	1.29E+00	1.38E+00	9.77E-02	0.00E+00	0.00E+00	0.00E+00	1.99E+01
41636089	8.83E-04	1.24E-01	1.94E-02	9.60E-02	0.00E+00	0.00E+00	6.64E-01	1.39E-06	3.90E-04	9.37E-04	0.00E+00	-2.50E-03	1.17E-10	4.05E-09	6.21E-03	2.03E-01	0.00E+00	0.00E+00	5.50E-01	2.51E-02	1.28E+00	0.00E+00	1.01E-08	4.54E-09	2.92E-04	6.40E-07	9.62E-02	0.00E+00	1.28E+00	8.44E-08	1.28E+00	1.36E+00	9.62E-02	0.00E+00	0.00E+00	0.00E+00	1.87E+01
41637006	1.13E-03	1.26E-01	1.73E-02	9.72E-02	0.00E+00	0.00E+00	7.60E-01	1.46E-06	4.02E-04	9.56E-04	0.00E+00	-2.49E-03	1.18E-10	4.28E-09	6.33E-03	2.10E-01	0.00E+00	0.00E+00	5.82E-01	2.40E-02	1.37E+00	0.00E+00	1.10E-08	5.00E-09	3.04E-04	5.91E-07	1.03E-01	0.00E+00	1.37E+00	7.96E-08	1.37E+00	1.48E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
41637009	8.27E-04	1.21E-01	1.72E-02	9.31E-02	0.00E+00	0.00E+00	6.74E-01	1.39E-06	3.73E-04	9.44E-04	0.00E+00	-2.52E-03	1.16E-10	4.10E-09	6.44E-03	1.97E-01	0.00E+00	0.00E+00	5.63E-01	2.40E-02	1.26E+00	0.00E+00	1.02E-08	4.34E-09	2.85E-04	5.95E-07	9.50E-02	0.00E+00	1.26E+00	8.93E-08	1.26E+00	1.34E+00	9.50E-02	0.00E+00	0.00E+00	0.00E+00	1.97E+01
41638982	4.01E-04	1.24E-01	2.51E-02	8.05E-02	0.00E+00	0.00E+00	6.38E-01	7.91E-07	2.36E-04	7.29E-04	0.00E+00	-2.83E-03	1.22E-10	1.73E-09	4.17E-03	7.03E-02	0.00E+00	0.00E+00	1.55E-01	5.78E-02	6.83E-01	0.00E+00	4.99E-09	2.14E-09	1.99E-04	9.72E-07	4.62E-02	0.00E+00	6.83E-01	6.94E-08	6.83E-01	6.80E-01	4.62E-02	0.00E+00	0.00E+00	0.00E+00	9.12E+00
41638989	4.33E-04	1.23E-01	2.24E-02	8.05E-02	0.00E+00	0.00E+00	6.20E-01	7.64E-07	2.34E-04	7.33E-04	0.00E+00	-2.60E-03	1.21E-10	1.68E-09	4.20E-03	7.74E-02	0.00E+00	0.00E+00	1.55E-01	5.52E-02	6.82E-01	0.00E+00	5.05E-09	2.15E-09	2.03E-04	7.85E-07	4.70E-02	0.00E+00	6.82E-01	7.25E-08	6.82E-01	6.78E-01	4.70E-02	0.00E+00	0.00E+00	0.00E+00	8.94E+00
41661909	5.79E-04	7.62E-02	4.33E-03	5.72E-02	0.00E+00	0.00E+00	3.74E-01	7.92E-07	2.89E-04	5.87E-04	0.00E+00	-3.75E-04	6.93E-11	2.55E-09	2.92E-03	1.07E-01	0.00E+00	0.00E+00	3.13E-01	2.74E-02	6.96E-01	0.00E+00	5.21E-09	2.49E-09	1.78E-04	2.31E-07	5.37E-02	0.00E+00	6.96E-01	9.59E-08	6.96E-01	7.22E-01	5.37E-02	0.00E+00	0.00E+00	0.00E+00	1.14E+01
41666084	6.56E-04	7.68E-02	4.53E-03	5.99E-02	0.00E+00	0.00E+00	3.82E-01	8.61E-07	2.91E-04	6.14E-04	0.00E+00	-3.67E-04	8.24E-11	2.58E-09	3.36E-03	1.25E-01	0.00E+00	0.00E+00	3.44E-01	2.43E-02	7.87E-01	0.00E+00	6.01E-09	2.70E-09	1.83E-04	1.86E-07	6.06E-02	0.00E+00	7.87E-01	9.97E-08	7.87E-01	8.38E-01	6.06E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
41666086	5.82E-04	7.19E-02	4.62E-03	5.35E-02	0.00E+00	0.00E+00	3.87E-01	8.66E-07	3.02E-04	5.86E-04	0.00E+00	-3.67E-04	8.49E-11	2.61E-09	3.39E-03	1.28E-01	0.00E+00	0.00E+00	3.61E-01	2.44E-02	8.05E-01	0.00E+00	6.09E-09	2.75E-09	1.82E-04	1.90E-07	6.05E-02	0.00E+00	8.05E-01	9.93E-08	8.05E-01	8.71E-01	6.05E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
41666089	5.34E-04	7.71E-02	4.38E-03	5.89E-02	0.00E+00	0.00E+00	3.87E-01	8.64E-07	2.91E-04	5.89E-04	0.00E+00	-3.75E-04	8.49E-11	2.59E-09	3.25E-03	1.24E-01	0.00E+00	0.00E+00	3.62E-01	2.71E-02	7.91E-01	0.00E+00	5.89E-09	2.70E-09	1.79E-04	2.24E-07	6.01E-02	0.00E+00	7.91E-01	1.00E-07	7.91E-01	8.37E-01	6.01E-02	0.00E+00	0.00E+00	0.00E+00	1.19E+01

41668982	5.10E-04	7.66E-02	4.33E-03	5.66E-02	0.00E+00	0.00E+00	3.69E-01	7.92E-07	2.88E-04	5.80E-04	0.00E+00	-3.75E-04	6.93E-11	2.55E-09	2.92E-03	1.06E-01	0.00E+00	0.00E+00	3.13E-01	2.74E-02	6.97E-01	0.00E+00	5.23E-09	2.50E-09	1.78E-04	2.31E-07	5.39E-02	0.00E+00	6.97E-01	9.72E-08	6.97E-01	7.25E-01	5.39E-02	0.00E+00	0.00E+00	0.00E+00	1.14E+01
41668989	4.86E-04	7.64E-02	4.33E-03	5.62E-02	0.00E+00	0.00E+00	3.73E-01	7.96E-07	2.88E-04	5.77E-04	0.00E+00	-3.75E-04	6.93E-11	2.54E-09	2.88E-03	1.06E-01	0.00E+00	0.00E+00	3.12E-01	2.72E-02	6.79E-01	0.00E+00	4.97E-09	2.42E-09	1.74E-04	2.31E-07	5.36E-02	0.00E+00	6.79E-01	8.55E-08	6.79E-01	7.02E-01	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.14E+01
41681909	5.79E-04	7.62E-02	4.33E-03	5.72E-02	0.00E+00	0.00E+00	3.74E-01	7.92E-07	2.89E-04	5.87E-04	0.00E+00	-3.75E-04	6.93E-11	2.55E-09	2.92E-03	1.07E-01	0.00E+00	0.00E+00	3.13E-01	2.74E-02	6.96E-01	0.00E+00	5.21E-09	2.49E-09	1.78E-04	2.31E-07	5.37E-02	0.00E+00	6.96E-01	9.59E-08	6.96E-01	7.22E-01	5.37E-02	0.00E+00	0.00E+00	0.00E+00	1.14E+01
41686086	5.16E-04	6.92E-02	4.57E-03	5.13E-02	0.00E+00	0.00E+00	3.67E-01	7.96E-07	2.99E-04	5.74E-04	0.00E+00	-3.67E-04	6.93E-11	2.58E-09	3.05E-03	1.07E-01	0.00E+00	0.00E+00	3.15E-01	2.43E-02	7.10E-01	0.00E+00	5.40E-09	2.52E-09	1.80E-04	1.96E-07	5.37E-02	0.00E+00	7.10E-01	9.86E-08	7.10E-01	7.42E-01	5.37E-02	0.00E+00	0.00E+00	0.00E+00	1.14E+01
41686089	6.02E-04	7.66E-02	4.74E-03	5.60E-02	0.00E+00	0.00E+00	4.86E-01	9.40E-07	3.10E-04	6.40E-04	0.00E+00	-3.75E-04	7.98E-11	3.41E-09	3.19E-03	1.36E-01	0.00E+00	0.00E+00	3.38E-01	2.68E-02	7.24E-01	0.00E+00	6.00E-09	3.06E-09	1.79E-04	2.32E-07	6.16E-02	0.00E+00	7.24E-01	1.06E-07	7.24E-01	8.18E-01	6.16E-02	0.00E+00	0.00E+00	0.00E+00	1.32E+01
41688989	4.86E-04	7.64E-02	4.33E-03	5.62E-02	0.00E+00	0.00E+00	3.73E-01	7.96E-07	2.88E-04	5.77E-04	0.00E+00	-3.75E-04	6.93E-11	2.54E-09	2.88E-03	1.06E-01	0.00E+00	0.00E+00	3.12E-01	2.72E-02	6.79E-01	0.00E+00	4.97E-09	2.42E-09	1.74E-04	2.31E-07	5.36E-02	0.00E+00	6.79E-01	8.55E-08	6.79E-01	7.02E-01	5.36E-02	0.00E+00	0.00E+00	0.00E+00	1.14E+01
417508	4.43E-04	3.86E-02	6.44E-03	3.48E-02	0.00E+00	0.00E+00	2.36E-01	5.38E-07	2.69E-04	3.76E-04	0.00E+00	-5.96E-04	3.76E-11	2.80E-09	1.82E-03	9.32E-02	0.00E+00	0.00E+00	2.22E-01	7.85E-03	4.70E-01	0.00E+00	3.69E-09	2.00E-09	1.22E-04	2.07E-07	4.11E-02	0.00E+00	4.70E-01	6.27E-08	4.70E-01	5.18E-01	4.11E-02	0.00E+00	0.00E+00	0.00E+00	8.10E+00
417509	4.76E-04	3.86E-02	6.39E-03	3.47E-02	0.00E+00	0.00E+00	2.33E-01	5.35E-07	2.91E-04	3.76E-04	0.00E+00	-6.00E-04	3.79E-11	2.91E-09	1.81E-03	9.45E-02	0.00E+00	0.00E+00	2.25E-01	7.46E-03	4.86E-01	0.00E+00	3.74E-09	2.00E-09	1.19E-04	2.01E-07	4.14E-02	0.00E+00	4.86E-01	7.26E-08	4.86E-01	5.32E-01	4.14E-02	0.00E+00	0.00E+00	0.00E+00	8.36E+00
417708	4.40E-04	3.86E-02	6.44E-03	3.48E-02	0.00E+00	0.00E+00	2.34E-01	5.38E-07	2.65E-04	3.76E-04	0.00E+00	-5.96E-04	3.76E-11	2.78E-09	1.82E-03	9.31E-02	0.00E+00	0.00E+00	2.23E-01	7.93E-03	4.69E-01	0.00E+00	3.68E-09	1.99E-09	1.21E-04	2.07E-07	4.08E-02	0.00E+00	4.69E-01	6.33E-08	4.69E-01	5.18E-01	4.08E-02	0.00E+00	0.00E+00	0.00E+00	8.10E+00
418037	5.20E-04	5.90E-02	2.28E-03	4.79E-02	0.00E+00	0.00E+00	3.01E-01	8.15E-07	2.78E-04	5.38E-04	0.00E+00	-2.21E-04	6.56E-11	3.19E-09	2.92E-03	1.31E-01	0.00E+00	0.00E+00	3.36E-01	3.82E-03	7.06E-01	0.00E+00	6.00E-09	3.00E-09	1.79E-04	5.10E-08	5.62E-02	0.00E+00	7.06E-01	2.18E-07	7.06E-01	7.93E-01	5.62E-02	0.00E+00	0.00E+00	0.00E+00	1.14E+01
418105	4.36E-04	3.80E-02	6.46E-03	3.34E-02	0.00E+00	0.00E+00	2.30E-01	5.30E-07	2.57E-04	3.59E-04	0.00E+00	-5.96E-04	3.78E-11	2.68E-09	1.78E-03	9.10E-02	0.00E+00	0.00E+00	2.20E-01	8.10E-03	4.59E-01	0.00E+00	3.61E-09	1.94E-09	1.19E-04	2.07E-07	4.12E-02	0.00E+00	4.59E-01	5.85E-08	4.59E-01	5.06E-01	4.12E-02	0.00E+00	0.00E+00	0.00E+00	8.34E+00
418109	4.47E-04	3.86E-02	6.44E-03	3.49E-02	0.00E+00	0.00E+00	2.35E-01	5.36E-07	2.70E-04	3.77E-04	0.00E+00	-5.96E-04	3.77E-11	2.86E-09	1.83E-03	9.40E-02	0.00E+00	0.00E+00	2.24E-01	7.93E-03	4.71E-01	0.00E+00	3.69E-09	1.99E-09	1.22E-04	2.07E-07	4.12E-02	0.00E+00	4.71E-01	6.23E-08	4.71E-01	5.20E-01	4.12E-02	0.00E+00	0.00E+00	0.00E+00	8.22E+00
418802	4.19E-04	4.24E-02	6.45E-03	3.89E-02	0.00E+00	0.00E+00	2.21E-01	4.97E-07	2.20E-04	4.07E-04	0.00E+00	-5.96E-04	3.73E-11	2.08E-09	1.84E-03	9.10E-02	0.00E+00	0.00E+00	2.14E-01	7.74E-03	4.72E-01	0.00E+00	3.75E-09	1.98E-09	1.24E-04	2.07E-07	4.03E-02	0.00E+00	4.72E-01	7.42E-08	4.72E-01	5.11E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	8.15E+00
418805	4.41E-04	3.80E-02	6.46E-03	3.38E-02	0.00E+00	0.00E+00	2.34E-01	5.32E-07	2.60E-04	3.63E-04	0.00E+00	-5.96E-04	3.79E-11	2.76E-09	1.84E-03	9.22E-02	0.00E+00	0.00E+00	2.24E-01	8.10E-03	4.68E-01	0.00E+00	3.68E-09	1.95E-09	1.21E-04	2.07E-07	4.11E-02	0.00E+00	4.68E-01	5.88E-08	4.68E-01	5.14E-01	4.11E-02	0.00E+00	0.00E+00	0.00E+00	8.34E+00
418806	4.53E-04	3.92E-02	6.44E-03	3.48E-02	0.00E+00	0.00E+00	2.30E-01	5.39E-07	2.88E-04	3.73E-04	0.00E+00	-5.96E-04	3.76E-11	2.94E-09	1.82E-03	9.54E-02	0.00E+00	0.00E+00	2.23E-01	7.97E-03	4.65E-01	0.00E+00	3.68E-09	2.04E-09	1.21E-04	2.07E-07	4.07E-02	0.00E+00	4.65E-01	7.35E-08	4.65E-01	5.14E-01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	8.11E+00
418808	4.43E-04	3.89E-02	6.44E-03	3.48E-02	0.00E+00	0.00E+00	2.36E-01	5.38E-07	2.70E-04	3.76E-04	0.00E+00	-5.96E-04	3.76E-11	2.82E-09	1.82E-03	9.33E-02	0.00E+00	0.00E+00	2.22E-01	7.85E-03	4.70E-01	0.00E+00	3.69E-09	2.00E-09	1.22E-04	2.07E-07	4.12E-02	0.00E+00	4.70E-01	6.27E-08	4.70E-01	5.18E-01	4.12E-02	0.00E+00	0.00E+00	0.00E+00	8.14E+00
418809	4.53E-04	3.85E-02	6.44E-03	3.49E-02	0.00E+00	0.00E+00	2.37E-01	5.34E-07	2.70E-04	3.78E-04	0.00E+00	-5.96E-04	3.77E-11	2.88E-09	1.83E-03	9.40E-02	0.00E+00	0.00E+00	2.24E-01	7.93E-03	4.73E-01	0.00E+00	3.71E-09	1.99E-09	1.22E-04	2.07E-07	4.13E-02	0.00E+00	4.73E-01	6.31E-08	4.73E-01	5.21E-01	4.13E-02	0.00E+00	0.00E+00	0.00E+00	8.26E+00
418858	4.35E-04	3.93E-02	6.45E-03	3.50E-02	0.00E+00	0.00E+00	2.36E-01	5.32E-07	2.59E-04	3.77E-04	0.00E+00	-5.96E-04	3.76E-11	2.77E-09	1.85E-03	9.22E-02	0.00E+00	0.00E+00	2.22E-01	7.93E-03	4.70E-01	0.00E+00	3.68E-09	1.98E-09	1.22E-04	2.07E-07	4.09E-02	0.00E+00	4.70E-01	6.95E-08	4.70E-01	5.17E-01	4.09E-02	0.00E+00	0.00E+00	0.00E+00	8.06E+00
418902	4.26E-04	4.16E-02	6.44E-03	3.87E-02	0.00E+00	0.00E+00	2.22E-01	4.99E-07	2.25E-04	4.02E-04	0.00E+00	-5.96E-04	3.73E-11	2.10E-09	1.84E-03	9.20E-02	0.00E+00	0.00E+00	2.15E-01	7.74E-03	4.69E-01	0.00E+00	3.70E-09	1.98E-09	1.22E-04	2.07E-07	4.04E-02	0.00E+00	4.69E-01	6.70E-08	4.69E-01	5.09E-01	4.04E-02	0.00E+00	0.00E+00	0.00E+00	8.20E+00
418905	4.22E-04	3.46E-02	6.41E-03	2.82E-02	0.00E+00	0.00E+00	2.20E-01	5.00E-07	2.51E-04	3.08E-04	0.00E+00	-6.50E-04	3.80E-11	2.74E-09	1.54E-03	8.72E-02	0.00E+00	0.00E+00	2.13E-01	8.58E-03	4.10E-01	0.00E+00	3.21E-09	1.73E-09	1.04E-04	2.11E-07	3.69E-02	0.00E+00	4.10E-01	5.09E-08	4.10E-01	4.47E-01	3.69E-02	0.00E+00	0.00E+00	0.00E+00	7.89E+00
418906	4.40E-04	3.86E-02	6.44E-03	3.48E-02	0.00E+00	0.00E+00	2.34E-01	5.38E-07	2.68E-04	3.76E-04	0.00E+00	-5.96E-04	3.76E-11	2.78E-09	1.82E-03	9.31E-02	0.00E+00	0.00E+00	2.23E-01	7.93E-03	4.69E-01	0.00E+00	3.68E-09	1.99E-09	1.21E-04	2.07E-07	4.09E-02	0.00E+00	4.69E-01	6.33E-08	4.69E-01	5.18E-01	4.09E-02	0.00E+00	0.00E+00	0.00E+00	8.10E+00
418909	4.50E-04	3.85E-02	6.44E-03	3.49E-02	0.00E+00	0.00E+00	2.35E-01	5.38E-07	2.67E-04	3.78E-04	0.00E+00	-5.96E-04	3.77E-11	2.85E-09	1.82E-03	9.38E-02	0.00E+00	0.00E+00	2.24E-01	7.93E-03	4.71E-01	0.00E+00	3.71E-09	2.00E-09	1.21E-04	2.07E-07	4.09E-02	0.00E+00	4.71E-01	6.25E-08	4.71E-01	5.21E-01	4.09E-02	0.00E+00	0.00E+00	0.00E+00	8.16E+00
419005	4.65E-04	3.93E-02	6.41E-03	3.35E-02	0.00E+00	0.00E+00	2.33E-01	5.32E-07	2.91E-04	3.66E-04	0.00E+00	-6.00E-04	3.81E-11	2.80E-09	1.83E-03	9.22E-02	0.00E+00	0.00E+00	2.26E-01	7.78E-03	4.92E-01	0.00E+00	3.79E-09	2.01E-09	1.18E-04	2.02E-07	4.12E-02	0.00E+00	4.92E-01	7.49E-08	4.92E-01	5.35E-01	4.12E-02	0.00E+00	0.00E+00	0.00E+00	8.42E+00
4211	1.45E-03	1.98E-01	4.01E-02	1.42E-01	0.00E+00	0.00E+00	7.40E-01	1.49E-06	6.44E-04	1.46E-03	0.00E+00	-6.69E-04	7.00E-09	7.84E-09	7.33E-03	2.44E-01	0.00E+00	0.00E+00	6.86E-01	4.24E-02	1.79E+00	0.00E+00	1.55E-08	6.48E-09	3.97E-04	1.14E-06	1.25E-01	0.00E+00	1.79E+00	3.17E-07	1.79E+00	1.94E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.35E+01
421109	1.44E-03	1.92E-01	4.19E-02	1.45E-01	0.00E+00	0.00E+00	7.26E-01	1.51E-06	5.93E-04	1.48E-03	0.00E+00	-6.62E-04	6.73E-09	7.05E-09	7.10E-03	2.44E-01	0.00E+00	0.00E+00	6.73E-01	4.24E-02	1.81E+00	0.00E+00	1.57E-08	6.52E-09	3.96E-04	1.25E-06	1.22E-01	0.00E+00	1.81E+00	4.33E-07	1.81E+00	1.97E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.34E+01
4212	2.27E-03	2.31E-01	3.98E-02	2.26E-01	0.00E+00	0.00E+00	1.25E+00	2.21E-06	7.91E-04	2.68E-03	0.00E+00	-8.48E-04	7.04E-09	8.14E-09	1.24E-02	4.93E-01	0.00E+00	0.00E+00	1.10E+00	5.31E-02	2.66E+00	0.00E+00	2.23E-08	9.15E-09	7.01E-04	1.18E-06	2.31E-01	0.00E+00	2.66E+00	5.06E-07	2.66E+00	2.80E+00	2.31E-01	0.00E+00	0.00E+00	0.00E+00	3.96E+01
421209	1.71E-03	2.10E-01	3.98E-02	1.38E-01	0.00E+00	0.00E+00	7.14E-01	1.55E-06	7.11E-04	1.45E-03	0.00E+00	-8.06E-04	7.00E-09	8.27E-09	7.76E-03	2.37E-01	0.00E+00	0.00E+00	7.33E-01	5.39E-02	1.90E+00	0.00E+00	1.59E-08	6.51E-09	3.97E-04	1.17E-06	1.22E-01	0.00E+00	1.90E+00	5.29E-07	1.90E+00	2.03E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.33E+01
4216	7.72E-04	1.04E-01	1.88E-02	8.94E-02	7.02E-11	0.00E+00	6.69E-01	1.31E-06	3.83E-04	8.54E-04	0.00E+00	-4.49E-04	1.10E-10	4.55E-09	6.30E-03	2.12E-01	0.00E+00	0.00E+00	5.55E-01	2.54E-02	1.11E+00	0.00E+00	7.93E-09	4.16E-09	2.53E-04	6.15E-07	1.02E-01	0.00E+00	1.11E+00	1.25E-07	1.11E+00	1.22E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	1.97E+01
421601	9.06E-04	1.01E-01	1.47E-02	9.12E-02	1.36E-10	0.00E+00	6.38E-01	1.24E-06	3.86E-04	8.93E-04	0.00E+00	3.31E-03	1.08E-10	4.53E-09	5.64E-03	2.13E-01	0.00E+00	0.00E+00	5.14E-01	2.55E-02	1.14E+00	0.00E+00	8.56E-09	4.14E-09	2.57E-04	5.62E-07	9.59E-02	0.00E+00	1.14E+00	1.81E-07	1.14E+00	1.24E+00	9.59E-02	0.00E+00	0.00E+00	0.00E+00	1.97E+01
421609	7.51E-04	1.15E-01	1.84E-02	9.63E-02	0.00E+00	0.00E+00	6.79E-01	1.47E-06	3.64E-04	9.71E-04	0.00E+00	-1.90E-03	1.15E-10	4.36E-09	4.66E-03	2.03E-01	0.00E+00	0.00E+00	5.65E-01	2.51E-02	1.14E+00	0.00E+00	8.93E-09	4.42E-09	2.84E-04	6.18E-07	9.78E-02	0.00E+00	1.14E+00	1.18E-07	1.14E+00	1.23E+00	9.78E-02	0.00E+00	0.00E+00	0.00E+00	2.04E+01
470049	3.27E-04	8.65E-02	4.57E-02	4.08E-02	0.00E+00	0.00E+00	1.61E-01	2.94E-07	2.07E-04	3.51E-04	0.00E+00	-5.56E-03	2.93E-11	2.50E-09	1.13E-03	5.88E-02	0.00E+00	0.00E+00	1.39E-01	7.34E-02	2.42E-01	0.00E+00	2.08E-09	1.01E-09	9.69E-05	1.78E-06	1.82E-02	0.00E+00	2.42E-01	-6.01E-07	2.42E-01	2.60E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	5.14E+00
47063512	5.55E-04	7.33E-02	3.22E-03	6.81E-02	2.28E-11	0.00E+00	4.16E-01	6.64E-07	3.02E-04	7.02E-04	0.00E+00	3.31E-04	9.61E-11	3.17E-09	4.00E-03	1.35E-01	0.00E+00	0.00E+00	3.39E-01	3.59E-03	7.88E-01	0.00E+00	6.52E-09	3.08E-09	2.05E-04	4.13E-08	6.34E-02	0.00E+00	7.88E-01	1.76E-07	7.88E-01	8.44E-01	6.34E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
47063515	5.55E-04	6.76E-02	3.34E-03	6.42E-02	0.00E+00	0.00E+00	2.58E-01	4.47E-07	3.09E-04	6.70E-04	0.00E+00	-1.93E-04	5.08E-11	3.09E-09	3.45E-03	1.29E-01	0.00E+00	0.00E+00	2.73E-01	2.56E-03	7.03E-01	0.00E+00	6.07E-09	2.69E-09	1.93E-04	6.86E-08	5.39E-02	0.00E+00	7.03E-01	1.32E-07	7.03E-01	7.57E-01	5.39E-02	0.00E+00	0.00E+00	0.00E+00	8.76E+00
47063522	5.76E-04	6.80E-02	2.21E-03	6.58E-02	0.00E+00	0.00E+00	3.05E-01	5.97E-07	3.11E-04	6.90E-04	0.00E+00	-2.35E-05	9.76E-11	3.21E-09	3.65E-03	1.39E-01	0.00E+00	0.00E+00	3.76E-01	3.20E-04	7.54E-01	0.00E+00	6.33E-09	2.95E-09	1.99E-04	1.46E-08	6.58E-02	0.00E+00	7.54E-01	1.87E-07	7.54E-01	8.20E-01	6.58E-02	0.00E+00	0.00E+00	0.00E+00	1.31E+01
47063525	5.66E-04	6.74E-02	2.19E-03	6.53E-02	0.00E+00	0.00E+00	3.01E-01	5.91E-07	3.05E-04	6.83E-04	0.00E+00	-2.35E-05	9.68E-11	3.15E-09	3.60E-03	1.37E-01	0.00E+00	0.00E+00	3.72E-01	3.20E-04	7.45E-01	0.00E+00	6.25E-09	2.91E-09	1.97E-04	1.45E-08	6.50E-02	0.00E+00	7.45E-01	1.86E-07	7.45E-01	8.10E-01	6.50E-02	0.00E+00	0.00E+00	0.00E+00	1.29E+01
47063532	5.66E-04	7.68E-02	3.38E-03	7.00E-02	1.86E-11	0.00E+00	3.52E-01	7.47E-07	3.05E-04	7.37E-04	0.00E+00	3.92E-04	1.01E-10	3.26E-09	3.94E-03	1.38E-01	0.00E+00	0.00E+00	3.84E-01	3.24E-03	7.84E-01	0.00E+00	6.86E-09	3.21E-09	2.04E-04	2.99E-08	6.40E-02	0.00E+00	7.84E-01	2.06E-07	7.84E-01	8.46E-01	6.40E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
47063535	5.95E-04	7.44E-02	2.42E-03	7.19E-02	0.00E+00	0.00E+00	3.64E-01	7.23E-07	3.11E-04	7.47E-04	0.00E+00	-2.35E-05	1.07E-10	3.29E-09	3.98E-03	1.51E-01	0.00E+00	0.00E+00	4.17E-01	3.21E-04	8.30E-01	0.00E+00	6.90E-09	3.22E-09	2.15E-04	1.52E-08	7.29E-02	0.00E+00	8.30E-01	2.09E-07	8.30E-01	9.03E-01	7.29E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
47081909	8.36E-05	1.53E-01	7.25E-02	8.04E-02	0.00E+00	0.00E+00	8.85E-01	3.01E-07	4.24E-05	4.07E-04	0.00E+00	1.30E-03	8.10E-09	1.51E-09	5.48E-04	1.08E-02	0.00E+00	0.00E+00	2.79E-02	1.18E-01	8.77E-02	0.00E+00	7.99E-10	2.46E-10	8.87E-05	2.88E-06	-5.54E-03	0.00E+00	8.77E-02	-1.02E-06	8.77E-02	8.21E-02	-5.54E-03	0.00E+00	0.00E+00	0.00E+00	1.00E+00
47086084	1.15E-03	1.86E-01	5.09E-02	1.33E-01	0.00E+00	0.00E+00	7.66E-01	9.85E-07	5.27E-04	1.20E-03	0.00E+00	-1.27E-04	7.67E-09	6.99E-09	5.07E-03	1.98E-01	0.00E+00	0.00E+00	6.16E-01	1.02E-01	1.34E+00	0.00E+00	1.09E-08	4.34E-09	3.30E-04	2.17E-06	9.31E-02	0.00E+00	1.34E+00	1.06E-07	1.34E+00	1.40E+00	9.31E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
47086086	6.19E-04	4.48E-02	3.48E-02	3.90E-02	0.00E+00	0.00E+00	2.58E-01	6.78E-07	2.65E-04	4.13E-04	0.00E+00	-1.09E-04	7.83E-09	3.11E-09	2.35E-03	1.12E-01	0.00E+00	0.00E+00	2.60E-01	9.69E-02	5.89E-01	0.00E+00	4.89E-09	2.49E-09	1.26E-04	2.06E-06	4.57E-02	0.00E+00	5.89E-01	-4.96E-08	5.89E-01	6.47E-01	4.57E-02	0.00E+00	0.00E+00	0.00E+00	9.21E+00
47086089	1.06E-03	1.59E-01	5.14E-02	1.06E-01	0.00E+00	0.00E+00	7.78E-01	9.17E-07	3.85E-04	1.03E-03	0.00E+00	-9.79E-05	7.40E-09	5.61E-09	4.30E-03	1.87E-01	0.00E+00	0.00E+00	5.70E-01	1.03E-01	1.09E+00	0.00E+00	9.56E-09	3.79E-09	3.05E-04	2.19E-06	8.72E-02	0.00E+00	1.09E+00	-2.86E-07	1.09E+00	1.19E+00	8.72E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
47087003	9.91E-04	1.55E-01	4.52E-02	1.00E-01	0.00E+00	0.00E+00	6.82E-01	8.60E-07	3.85E-04	1.07E-03	0.00E+00	-9.18E-05	7.34E-09	5.06E-09	5.51E-03	1.83E-01	0.00E+00	0.00E+00	5.94E-01	1.02E-01	1.15E+00	0.00E+00	9.61E-09	3.96E-09	3.20E-04	2.16E-06	8.96E-02	0.00E+00	1.15E+00	-2.84E-07	1.15E+00	1.25E+00	8.96E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
47087006	1.12E-03	1.86E-01	5.21E-02	1.33E-01	0.00E+00	0.00E+00	7.75E-01	1.01E-06	5.62E-04	1.13E-03	0.00E+00	-1.02E-04	7.50E-09	7.19E-09	4.78E-03	1.95E-01	0.00E+00	0.00E+00	6.29E-01	1.03E-01	1.30E+00	0.00E+00	1.05E-08	4.23E-09	3.17E-04	2.18E-06	9.13E-02	0.00E+00	1.30E+00	1.23E-11	1.30E+00	1.36E+00	9.13E-02	0.00E+00	0.00E+00	0.00E+00	1.67E+01
47087009	1.12E-03	1.87E-01	5.19E-02	1.31E-01	0.00E+00	0.00E+00	7.99E-01	9.64E-07	5.67E-04	1.12E-03	0.00E+00	-1.02E-04	7.34E-09	7.28E-09	4.31E-03	1.90E-01	0.00E+00	0.00E+00	5.96E-01	1.03E-01	1.25E+00	0.00E+00	1.02E-08	4.07E-09	3.14E-04	2.18E-06	8.79E-02	0.00E+00	1.25E+00	3.63E-08	1.25E+00	1.32E+00	8.79E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
47088982	1.08E-03	1.98E-01	5.41E-02	1.29E-01	0.00E+00	0.00E+00	8.22E-01	1.02E-06	5.11E-04	1.03E-03	0.00E+00	-1.02E-04	7.47E-09	6.90E-09	4.19E-03	1.40E-01	0.00E+00	0.00E+00	5.29E-01	1.03E-01	1.12E+00	0.00E+00	7.98E-09	3.60E-09	2.45E-04	2.27E-06	8.41E-02	0.00E+00	1.12E+00	-1.82E-08	1.12E+00	1.23E+00	8.41E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
47088989	8.69E-05	1.52E-01	7.25E-02	7.92E-02	0.00E+00	0.00E+00	8.93E-01	3.28E-07	4.21E-05	4.02E-04	0.00E+00	1.30E-03	8.10E-09	1.53E-09	6.15E-04	1.30E-02	0.00E+00	0.00E+00	3.58E-02	1.18E-01	1.07E-01	0.00E+00	9.31E-10	3.08E-10	8.89E-05	2.88E-06	-4.26E-03	0.00E+00	1.07E-01	-1.00E-06	1.07E-01	1.03E-01	-4.26E-03	0.00E+00	0.00E+00	0.00E+00	1.29E+00
471020	1.42E-03	2.78E-01	8.93E-03	2.69E-01	0.00E+00	0.00E+00	4.43E-01	5.96E-07	5.12E-04	2.23E-03	0.00E+00	-7.13E-04	9.03E-11	4.34E-09	4.53E-03	2.22E-01	0.00E+00	0.00E+00	4.12E-01	9.43E-03	1.13E+00	0.00E+00	1.06E-08	5.43E-09	5.50E-04	2.43E-07	8.56E-02	0.00E+00	1.13E+00	1.10E-07	1.13E+00	1.21E+00	8.56E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
471040	2.99E-03	4.02E-01	2.33E-02	3.78E-01	0.00E+00	0.00E+00	1.01E+00	2.50E-06	9.19E-04	3.50E-03	0.00E+00	-2.10E-03	1.74E-10	8.60E-09	1.13E-02	5.09E-01	0.00E+00	0.00E+00	1.11E+00	2.78E-02	3.19E+00	0.00E+00	2.67E-08	1.34E-08	9.76E-04	7.00E-07	2.11E-01	0.00E+00	3.19E+00	8.93E-07	3.19E+00	3.40E+00	2.11E-01	0.00E+00	0.00E+00	0.00E+00	4.01E+01
471060	3.01E-03	5.68E-01	3.74E-02	5.31E-01	0.00E+00	0.00E+00	1.46E+00	3.62E-06	1.34E-03	4.93E-03	0.00E+00	-3.49E-03	2.51E-10	1.27E-08	1.62E-02	7.33E-01	0.00E+00	0.00E+00	1.61E+00	4.61E-02	4.57E+00	0.00E+00	3.83E-08	1.92E-08	1.38E-03	1.16E-06	3.03E-01	0.00E+00	4.57E+00	1.23E-06	4.57E+00	4.87E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	5.80E+01
4715	6.98E-04	9.80E-02	1.90E-02	7.91E-02	0.00E+00	0.00E+00	6.11E-01	1.36E-06	3.41E-04	8.27E-04	0.00E+00	-2.01E-03	1.03E-10	4.08E-09	4.38E-03	1.89E-01	0.00E+00	0.00E+00	5.22E-01	2.66E-02	1.07E+00	0.00E+00	8.39E-09	4.12E-09	2.51E-04	6.52E-07	9.01E-02	0.00E+00	1.07E+00	1.03E-07	1.07E+00	1.16E+00	9.01E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01
471501	1.12E-03	1.05E-01	1.18E-02	9.34E-02	0.00E+00	0.00E+00	6.37E-01	1.42E-06	3.54E-04	9.84E-04	0.00E+00	-1.09E-03	1.09E-10	4.11E-09	5.18E-03	2.09E-01	0.00E+00	0.00E+00	5.62E-01	1.43E-02	1.24E+00	0.00E+00	9.86E-09	4.72E-09	2.93E-04	3.57E-07	1.00E-01	0.00E+00	1.24E+00	2.63E-07	1.24E+00	1.34E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	1.99E+01
471509	1.05E-03	1.04E-01	1.81E-02	8.59E-02	0.00E+00	0.00E+00	6.10E-01	1.35E-06	3.45E-04	8.80E-04	0.00E+00	-1.90E-03	1.03E-10	4.07E-09	4.28E-03	1.88E-01	0.00E+00	0.00E+00	5.19E-01	2.51E-02	1.06E+00	0.00E+00	8.31E-09	4.13E-09	2.61E-04	6.17E-07	8.96E-02	0.00E+00	1.06E+00	1.10E-07	1.06E+00	1.15E+00	8.96E-02	0.00E+00	0.00E+00	0.00E+00	1.87E+01
47157003	6.66E-04	8.80E-02	1.14E-02	7.66E-02	0.00E+00	0.00E+00	5.78E-01	1.20E-06	3.37E-04	7.87E-04	0.00E+00	-1.09E-03	9.83E-11	3.97E-09	5.05E-03	2.01E-01	0.00E+00	0.00E+00	4.76E-01	1.43E-02	9.73E-01	0.00E+00	7.47E-09	3.75E-09	2.34E-04	3.55E-07	8.45E-02	0.00E+00	9.73E-01	1.37E-07	9.73E-01	1.06E+00	8.45E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
47157004	6.98E-04	8.85E-02	1.19E-02	7.66E-02	0.00E+00	0.00E+00	7.42E-01	1.57E-06	3.39E-04	8.09E-04	0.00E+00	-1.09E-03	1.26E-10	4.33E-09	4.78E-03	2.02E-01	0.00E+00	0.00E+00	5.92E-01	1.43E-02	1.11E+00	0.00E+00	8.61E-09	4.18E-09	2.45E-04	3.56E-07	1.03E-01	0.00E+00	1.11E+00	1.84E-07	1.11E+00	1.22E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.12E+01
47157006	5.62E-04	7.88E-02	1.84E-02	6.04E-02	0.00E+00	0.00E+00	5.14E-01	9.90E-07	3.19E-04	5.94E-04	0.00E+00	-2.01E-03	8.99E-11	3.86E-09	2.94E-03	1.39E-01	0.00E+00	0.00E+00	3.96E-01	2.65E-02	6.45E-01	0.00E+00	5.05E-09	2.54E-09	1.73E-04	6.47E-07	6.71E-02	0.00E+00	6.45E-01	-1.06E-07	6.45E-01	7.12E-01	6.71E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
47157009	5.62E-04	7.88E-02	1.84E-02	6.04E-02	0.00E+00	0.00E+00	5.14E-01	9.90E-07	3.19E-04	5.94E-04	0.00E+00	-2.01E-03	8.99E-11	3.86E-09	2.94E-03	1.39E-01	0.00E+00	0.00E+00	3.96E-01	2.65E-02	6.45E-01	0.00E+00	5.05E-09	2.54E-09	1.73E-04	6.47E-07	6.71E-02	0.00E+00	6.45E-01	-1.06E-07	6.45E-01	7.12E-01	6.71E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
47157013	6.67E-04	8.04E-02	1.74E-02	6.20E-02	0.00E+00	0.00E+00	5.34E-01	9.98E-07	3.23E-04	5.95E-04	0.00E+00	-1.85E-03	1.13E-10	3.95E-09	3.15E-03	1.43E-01	0.00E+00	0.00E+00	4.04E-01	2.58E-02	6.79E-01	0.00E+00	5.36E-09	2.64E-09	1.75E-04	6.30E-07	7.00E-02	0.00E+00	6.79E-01	-9.07E-08	6.79E-01	7.43E-01	7.00E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
47157014	8.56E-04	8.25E-02	1.33E-02	6.30E-02	0.00E+00	0.00E+00	5.24E-01	1.01E-06	3.22E-04	6.76E-04	0.00E+00	-1.48E-03	1.13E-10	3.95E-09	3.75E-03	1.57E-01	0.00E+00	0.00E+00	4.15E-01	1.89E-02	7.32E-01	0.00E+00	6.56E-09	3.06E-09	1.85E-04	4.80E-07	7.28E-02	0.00E+00	7.32E-01	-4.96E-09	7.32E-01	8.63E-01	7.28E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
47157015	8.53E-04	8.04E-02	1.34E-02	6.47E-02	0.00E+00	0.00E+00	5.33E-01	1.01E-06	3.24E-04	6.67E-04	0.00E+00	-1.47E-03	9.55E-11	3.94E-09	3.73E-03	1.56E-01	0.00E+00	0.00E+00	4.12E-01	1.88E-02	7.26E-01	0.00E+00	6.47E-09	3.05E-09	1.84E-04	4.82E-07	7.31E-02	0.00E+00	7.26E-01	-8.00E-09	7.26E-01	8.53E-01	7.31E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
47157113	7.76E-04	8.21E-02	1.75E-02	6.21E-02	0.00E+00	0.00E+00	5.25E-01	1.02E-06	3.23E-04	6.00E-04	0.00E+00	-1.85E-03	1.13E-10	3.94E-09	3.17E-03	1.45E-01	0.00E+00	0.00E+00	4.09E-01	2.65E-02	6.85E-01	0.00E+00	5.46E-09	2.66E-09	1.76E-04	6.40E-07	7.09E-02	0.00E+00	6.85E-01	-8.84E-08	6.85E-01	7.53E-01	7.09E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
47157114	8.74E-04	7.99E-02	1.36E-02	6.47E-02	0.00E+00	0.00E+00	5.14E-01	9.97E-07	3.24E-04	6.65E-04	0.00E+00	-1.47E-03	1.07E-10	3.94E-09	3.61E-03	1.57E-01	0.00E+00	0.00E+00	4.07E-01	1.93E-02	7.20E-01	0.00E+00	6.43E-09	3.05E-09	1.82E-04	4.80E-07	7.22E-02	0.00E+00	7.20E-01	-8.06E-09	7.20E-01	8.41E-01	7.22E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
47157115	8.91E-04	8.04E-02	1.34E-02	6.47E-02	0.00E+00	0.00E+00	5.35E-01	1.01E-06	3.24E-04	6.69E-04	0.00E+00	-1.47E-03	9.55E-11	3.94E-09	3.75E-03	1.57E-01	0.00E+00	0.00E+00	4.13E-01	1.88E-02	7.29E-01	0.00E+00	6.49E-09	3.07E-09	1.84E-04	4.80E-07	7.40E-02	0.00E+00	7.29E-01	-4.22E-09	7.29E-01	8.59E-01	7.40E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
4716	7.29E-04	1.04E-01	1.89E-02	9.38E-02	4.71E-11	0.00E+00	6.27E-01	1.30E-06	3.79E-04	8.35E-04	0.00E+00	-1.52E-03	1.00E-10	4.50E-09	5.54E-03	2.11E-01	0.00E+00	0.00E+00	5.58E-01	2.52E-02	1.11E+00	0.00E+00	7.73E-09	4.20E-09	2.51E-04	6.20E-07	9.24E-02	0.00E+00	1.11E+00	9.26E-08	1.11E+00	1.21E+00	9.24E-02	0.00E+00	0.00E+00	0.00E+00	1.90E+01
471601	8.54E-04	1.06E-01	1.54E-02	9.78E-02	1.13E-10	0.00E+00	6.03E-01	1.27E-06	3.81E-04	8.78E-04	0.00E+00	1.28E-03	9.80E-11	4.50E-09	5.66E-03	2.39E-01	0.00E+00	0.00E+00	5.23E-01	2.53E-02	1.17E+00	0.00E+00	8.33E-09	4.11E-09	2.56E-04	6.02E-07	9.17E-02	0.00E+00	1.17E+00	1.07E-07	1.17E+00	1.27E+00	9.17E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
471609	7.40E-04	1.11E-01	1.82E-02	9.26E-02	0.00E+00	0.00E+00	6.25E-01	1.36E-06	3.66E-04	9.34E-04	0.00E+00	-1.90E-03	1.07E-10	4.29E-09	4.37E-03	1.94E-01	0.00E+00	0.00E+00	5.30E-01	2.51E-02	1.08E+00	0.00E+00	8.50E-09	4.23E-09	2.74E-04	6.17E-07	9.19E-02	0.00E+00	1.08E+00	1.04E-07	1.08E+00	1.17E+00	9.19E-02	0.00E+00	0.00E+00	0.00E+00	1.91E+01
4718	7.54E-04	1.34E-01	2.48E-02	1.13E-01	1.33E-10	0.00E+00	6.15E-01	1.31E-06	3.61E-04	1.13E-03	0.00E+00	1.78E-03	1.17E-10	4.14E-09	6.16E-03	2.05E-01	0.00E+00	0.00E+00	6.73E-01	2.53E-02	1.39E+00	0.00E+00	1.12E-08	4.75E-09	3.15E-04	6.77E-07	1.15E-01	0.00E+00	1.39E+00	2.44E-07	1.39E+00	1.51E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	1.76E+01
471801	7.85E-04	1.38E-01	1.82E-02	1.15E-01	1.22E-10	0.00E+00	6.45E-01	1.29E-06	3.62E-04	1.15E-03	0.00E+00	1.54E-03	1.14E-10	4.12E-09	6.86E-03	2.23E-01	0.00E+00	0.00E+00	6.66E-01	2.53E-02	1.44E+00	0.00E+00	1.14E-08	4.79E-09	3.20E-04	6.26E-07	1.16E-01	0.00E+00	1.44E+00	2.57E-07	1.44E+00	1.56E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	1.74E+01
471809	7.15E-04	1.27E-01	3.24E-02	9.45E-02	0.00E+00	0.00E+00	6.12E-01	1.35E-06	3.50E-04	9.40E-04	0.00E+00	-3.68E-03	1.04E-10	4.15E-09	4.34E-03	1.88E-01	0.00E+00	0.00E+00	5.19E-01	4.85E-02	1.06E+00	0.00E+00	8.36E-09	4.12E-09	2.73E-04	1.18E-06	8.76E-02	0.00E+00	1.06E+00	-9.57E-08	1.06E+00	1.15E+00	8.76E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01
4719	7.23E-04	1.09E-01	1.88E-02	1.02E-01	6.05E-11	0.00E+00	6.31E-01	1.36E-06	3.50E-04	8.34E-04	0.00E+00	2.09E-02	3.07E-08	4.22E-09	5.33E-03	2.15E-01	0.00E+00	0.00E+00	5.51E-01	2.59E-02	1.12E+00	0.00E+00	7.67E-09	4.12E-09	2.52E-04	6.39E-07	8.96E-02	0.00E+00	1.12E+00	8.63E-08	1.12E+00	1.22E+00	8.96E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
471909	7.28E-04	1.09E-01	1.88E-02	1.01E-01	6.05E-11	0.00E+00	6.30E-01	1.36E-06	3.50E-04	8.37E-04	0.00E+00	2.09E-02	3.07E-08	4.23E-09	5.33E-03	2.14E-01	0.00E+00	0.00E+00	5.58E-01	2.59E-02	1.12E+00	0.00E+00	7.76E-09	4.19E-09	2.53E-04	6.40E-07	9.00E-02	0.00E+00	1.12E+00	8.68E-08	1.12E+00	1.22E+00	9.00E-02	0.00E+00	0.00E+00	0.00E+00	1.85E+01
47202045	1.43E-03	1.98E-01	4.19E-02	1.62E-01	0.00E+00	0.00E+00	1.07E+00	2.03E-06	6.66E-04	1.71E-03	0.00E+00	-2.13E-03	7.12E-10	7.79E-09	8.87E-03	3.65E-01	0.00E+00	0.00E+00	9.36E-01	4.46E-02	2.04E+00	0.00E+00	1.61E-08	7.05E-09	4.86E-04	1.32E-06	1.80E-01	0.00E+00	2.04E+00	-2.76E-08	2.04E+00	2.14E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	3.43E+01
47202089	1.37E-03	2.01E-01	4.38E-02	1.58E-01	0.00E+00	0.00E+00	1.04E+00	1.99E-06	6.63E-04	1.65E-03	0.00E+00	-2.46E-03	9.83E-10	7.67E-09	8.33E-03	3.34E-01	0.00E+00	0.00E+00	8.97E-01	4.97E-02	1.94E+00	0.00E+00	1.53E-08	6.63E-09	4.65E-04	1.45E-06	1.63E-01	0.00E+00	1.94E+00	-4.90E-08	1.94E+00	2.04E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.16E+01
47206084	1.36E-03	2.02E-01	6.84E-02	1.47E-01	0.00E+00	0.00E+00	1.05E+00	2.04E-06	6.53E-04	1.48E-03	0.00E+00	-7.84E-03	7.12E-10	7.71E-09	1.12E-02	3.55E-01	0.00E+00	0.00E+00	9.36E-01	1.07E-01	1.97E+00	0.00E+00	1.67E-08	6.12E-09	4.23E-04	2.53E-06	1.70E-01	0.00E+00	1.97E+00	-7.25E-07	1.97E+00	2.11E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
47206086	1.35E-03	2.01E-01	6.84E-02	1.47E-01	0.00E+00	0.00E+00	1.06E+00	2.06E-06	6.54E-04	1.47E-03	0.00E+00	-7.84E-03	7.12E-10	7.84E-09	1.08E-02	3.49E-01	0.00E+00	0.00E+00	9.28E-01	1.07E-01	1.88E+00	0.00E+00	1.55E-08	6.01E-09	4.21E-04	2.53E-06	1.69E-01	0.00E+00	1.88E+00	-7.25E-07	1.88E+00	2.01E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	3.44E+01
47206089	1.12E-03	1.99E-01	7.21E-02	1.26E-01	0.00E+00	0.00E+00	1.05E+00	2.01E-06	6.42E-04	1.22E-03	0.00E+00	-8.39E-03	1.83E-10	7.92E-09	6.22E-03	2.81E-01	0.00E+00	0.00E+00	8.03E-01	1.11E-01	1.31E+00	0.00E+00	1.03E-08	5.01E-09	3.50E-04	2.69E-06	1.31E-01	0.00E+00	1.31E+00	-7.14E-07	1.31E+00	1.45E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
47206094	1.52E-03	2.19E-01	6.70E-02	1.89E-01	0.00E+00	0.00E+00	1.29E+00	2.09E-06	6.38E-04	1.60E-03	0.00E+00	-7.58E-03	7.11E-10	7.85E-09	8.35E-03	3.45E-01	0.00E+00	0.00E+00	9.42E-01	1.05E-01	1.66E+00	0.00E+00	1.32E-08	5.90E-09	4.39E-04	2.50E-06	1.67E-01	0.00E+00	1.66E+00	-7.25E-07	1.66E+00	1.79E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
47206096	1.35E-03	2.02E-01	6.85E-02	1.47E-01	0.00E+00	0.00E+00	1.07E+00	2.08E-06	6.56E-04	1.48E-03	0.00E+00	-7.91E-03	7.13E-10	7.84E-09	1.13E-02	3.54E-01	0.00E+00	0.00E+00	9.42E-01	1.08E-01	1.98E+00	0.00E+00	1.67E-08	6.09E-09	4.22E-04	2.53E-06	1.70E-01	0.00E+00	1.98E+00	-7.24E-07	1.98E+00	2.11E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
47206099	1.12E-03	2.00E-01	7.29E-02	1.27E-01	0.00E+00	0.00E+00	1.04E+00	2.00E-06	6.41E-04	1.22E-03	0.00E+00	-8.49E-03	1.83E-10	7.92E-09	6.22E-03	2.81E-01	0.00E+00	0.00E+00	8.02E-01	1.12E-01	1.31E+00	0.00E+00	1.03E-08	5.00E-09	3.50E-04	2.72E-06	1.31E-01	0.00E+00	1.31E+00	-7.25E-07	1.31E+00	1.44E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
47208982	1.32E-03	2.01E-01	6.77E-02	1.43E-01	0.00E+00	0.00E+00	1.01E+00	1.95E-06	6.60E-04	1.39E-03	0.00E+00	-7.48E-03	7.08E-10	7.62E-09	8.14E-03	3.25E-01	0.00E+00	0.00E+00	8.78E-01	9.76E-02	1.60E+00	0.00E+00	1.29E-08	5.61E-09	3.99E-04	2.48E-06	1.50E-01	0.00E+00	1.60E+00	-6.96E-07	1.60E+00	1.75E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.04E+01
47208989	9.15E-04	1.90E-01	7.04E-02	1.20E-01	0.00E+00	0.00E+00	9.63E-01	1.87E-06	4.97E-04	1.13E-03	0.00E+00	-8.24E-03	1.67E-10	6.38E-09	5.77E-03	2.44E-01	0.00E+00	0.00E+00	7.25E-01	1.09E-01	1.21E+00	0.00E+00	9.44E-09	4.49E-09	3.18E-04	2.64E-06	1.17E-01	0.00E+00	1.21E+00	-7.01E-07	1.21E+00	1.33E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
47209909	1.37E-03	1.74E-01	4.27E-02	1.14E-01	0.00E+00	0.00E+00	6.97E-01	1.49E-06	6.12E-04	1.13E-03	0.00E+00	-2.40E-03	8.49E-10	7.95E-09	5.16E-03	1.95E-01	0.00E+00	0.00E+00	5.74E-01	4.97E-02	1.32E+00	0.00E+00	1.09E-08	5.23E-09	3.37E-04	1.42E-06	9.84E-02	0.00E+00	1.32E+00	-2.09E-08	1.32E+00	1.43E+00	9.84E-02	0.00E+00	0.00E+00	0.00E+00	2.15E+01
47209939	8.12E-04	2.08E-01	5.25E-02	1.01E-01	0.00E+00	0.00E+00	6.72E-01	1.05E-06	5.53E-04	9.02E-04	0.00E+00	-3.14E-03	1.41E-09	6.14E-09	3.56E-03	8.30E-02	0.00E+00	0.00E+00	1.65E-01	8.71E-02	7.91E-01	0.00E+00	5.67E-09	3.25E-09	2.32E-04	1.96E-06	4.96E-02	0.00E+00	7.91E-01	-5.67E-08	7.91E-01	7.78E-01	4.96E-02	0.00E+00	0.00E+00	0.00E+00	1.23E+01
47209949	1.31E-03	1.73E-01	2.92E-02	1.43E-01	0.00E+00	0.00E+00	1.15E+00	2.32E-06	6.70E-04	1.53E-03	0.00E+00	-2.95E-03	2.02E-10	7.97E-09	9.31E-03	3.59E-01	0.00E+00	0.00E+00	9.72E-01	3.89E-02	2.00E+00	0.00E+00	1.60E-08	7.34E-09	4.56E-04	9.61E-07	1.73E-01	0.00E+00	2.00E+00	1.63E-07	2.00E+00	2.17E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
47228982	6.47E-04	9.55E-02	2.61E-02	6.78E-02	0.00E+00	0.00E+00	5.19E-01	9.58E-07	3.41E-04	6.31E-04	0.00E+00	-2.59E-03	9.66E-11	4.13E-09	2.91E-03	1.44E-01	0.00E+00	0.00E+00	4.05E-01	3.66E-02	6.50E-01	0.00E+00	4.96E-09	2.54E-09	1.83E-04	9.42E-07	7.08E-02	0.00E+00	6.50E-01	-2.30E-07	6.50E-01	6.84E-01	7.08E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
47228989	5.65E-04	9.37E-02	2.74E-02	6.63E-02	0.00E+00	0.00E+00	5.13E-01	9.49E-07	3.30E-04	6.25E-04	0.00E+00	-3.13E-03	9.04E-11	3.99E-09	2.85E-03	1.36E-01	0.00E+00	0.00E+00	3.86E-01	4.13E-02	6.02E-01	0.00E+00	4.75E-09	2.38E-09	1.76E-04	1.01E-06	6.41E-02	0.00E+00	6.02E-01	-2.66E-07	6.02E-01	6.66E-01	6.41E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01

47229909	1.06E-03	9.66E-02	1.14E-02	8.51E-02	0.00E+00	0.00E+00	5.95E-01	1.32E-06	3.53E-04	8.77E-04	0.00E+00	-1.08E-03	1.01E-10	4.10E-09	4.22E-03	1.88E-01	0.00E+00	0.00E+00	5.11E-01
47229939	5.88E-04	9.48E-02	1.82E-02	7.37E-02	0.00E+00	0.00E+00	5.73E-01	6.55E-07	2.21E-04	7.40E-04	0.00E+00	-1.92E-03	1.01E-10	1.77E-09	3.94E-03	7.81E-02	0.00E+00	0.00E+00	1.69E-01
47229949	5.93E-04	9.48E-02	1.80E-02	7.51E-02	0.00E+00	0.00E+00	6.02E-01	7.30E-07	2.21E-04	7.67E-04	0.00E+00	-1.89E-03	9.90E-11	1.87E-09	4.13E-03	8.59E-02	0.00E+00	0.00E+00	1.82E-01
47231404	6.10E-04	8.03E-02	1.73E-02	6.30E-02	0.00E+00	0.00E+00	5.38E-01	1.01E-06	3.14E-04	5.97E-04	0.00E+00	-1.84E-03	9.55E-11	3.89E-09	3.26E-03	1.46E-01	0.00E+00	0.00E+00	4.15E-01
47231606	9.25E-04	8.05E-02	1.13E-02	6.92E-02	0.00E+00	0.00E+00	5.44E-01	1.05E-06	3.37E-04	7.02E-04	0.00E+00	-1.09E-03	9.59E-11	3.99E-09	3.72E-03	1.59E-01	0.00E+00	0.00E+00	4.37E-01
47231903	6.56E-04	8.09E-02	2.13E-02	5.36E-02	0.00E+00	0.00E+00	5.05E-01	5.19E-07	2.20E-04	6.01E-04	0.00E+00	-2.20E-03	1.26E-10	1.80E-09	3.05E-03	6.20E-02	0.00E+00	0.00E+00	1.98E-01
47231909	8.68E-04	8.07E-02	1.71E-02	6.36E-02	0.00E+00	0.00E+00	5.21E-01	9.93E-07	3.30E-04	6.20E-04	0.00E+00	-1.84E-03	9.15E-11	3.96E-09	2.99E-03	1.43E-01	0.00E+00	0.00E+00	4.01E-01
47231914	8.33E-04	7.99E-02	1.36E-02	6.69E-02	0.00E+00	0.00E+00	5.02E-01	1.01E-06	3.13E-04	6.82E-04	0.00E+00	-1.46E-03	1.07E-10	3.88E-09	3.60E-03	1.59E-01	0.00E+00	0.00E+00	4.13E-01
47231917	5.69E-04	7.71E-02	1.94E-02	5.24E-02	0.00E+00	0.00E+00	4.54E-01	5.77E-07	2.25E-04	5.90E-04	0.00E+00	-2.03E-03	1.09E-10	1.83E-09	2.91E-03	7.38E-02	0.00E+00	0.00E+00	2.89E-01
47231922	7.20E-04	8.10E-02	1.79E-02	5.55E-02	0.00E+00	0.00E+00	4.59E-01	5.85E-07	2.19E-04	6.51E-04	0.00E+00	-1.94E-03	9.42E-11	1.76E-09	3.33E-03	6.48E-02	0.00E+00	0.00E+00	2.81E-01
47232045	5.79E-04	8.05E-02	1.70E-02	6.35E-02	0.00E+00	0.00E+00	5.21E-01	9.93E-07	3.30E-04	6.20E-04	0.00E+00	-1.83E-03	9.15E-11	3.96E-09	2.98E-03	1.43E-01	0.00E+00	0.00E+00	4.01E-01
47232089	5.70E-04	7.07E-02	1.68E-02	5.40E-02	0.00E+00	0.00E+00	5.24E-01	1.02E-06	3.24E-04	5.50E-04	0.00E+00	-1.79E-03	9.17E-11	3.97E-09	3.11E-03	1.45E-01	0.00E+00	0.00E+00	4.08E-01
47236003	7.07E-04	8.66E-02	2.29E-02	6.56E-02	0.00E+00	0.00E+00	5.16E-01	9.51E-07	3.35E-04	6.14E-04	0.00E+00	-2.50E-03	1.13E-10	4.00E-09	2.92E-03	1.42E-01	0.00E+00	0.00E+00	3.95E-01
47236022	7.85E-04	8.50E-02	1.64E-02	6.36E-02	0.00E+00	0.00E+00	5.23E-01	1.01E-06	3.29E-04	6.15E-04	0.00E+00	-1.58E-03	9.56E-11	3.99E-09	3.22E-03	1.44E-01	0.00E+00	0.00E+00	4.16E-01
47236084	8.65E-04	8.99E-02	2.27E-02	6.71E-02	0.00E+00	0.00E+00	5.21E-01	9.59E-07	3.32E-04	6.50E-04	0.00E+00	-2.54E-03	9.24E-11	3.99E-09	3.19E-03	1.43E-01	0.00E+00	0.00E+00	3.99E-01
47236086	8.44E-04	8.61E-02	2.26E-02	6.35E-02	0.00E+00	0.00E+00	5.12E-01	9.49E-07	3.28E-04	6.05E-04	0.00E+00	-2.54E-03	9.03E-11	3.96E-09	2.84E-03	1.36E-01	0.00E+00	0.00E+00	3.86E-01
47236089	8.44E-04	8.61E-02	2.27E-02	6.35E-02	0.00E+00	0.00E+00	5.12E-01	9.49E-07	3.28E-04	6.05E-04	0.00E+00	-2.54E-03	9.03E-11	3.96E-09	2.84E-03	1.36E-01	0.00E+00	0.00E+00	3.86E-01
47238903	6.39E-04	8.55E-02	2.26E-02	6.34E-02	0.00E+00	0.00E+00	5.17E-01	9.54E-07	3.29E-04	6.09E-04	0.00E+00	-2.50E-03	1.13E-10	4.01E-09	2.92E-03	1.42E-01	0.00E+00	0.00E+00	3.97E-01
47238907	7.23E-04	8.54E-02	2.29E-02	6.39E-02	0.00E+00	0.00E+00	5.16E-01	9.54E-07	3.27E-04	6.00E-04	0.00E+00	-2.49E-03	1.13E-10	3.98E-09	2.90E-03	1.40E-01	0.00E+00	0.00E+00	3.92E-01
47238914	5.74E-04	8.59E-02	2.29E-02	6.41E-02	0.00E+00	0.00E+00	5.14E-01	9.55E-07	3.27E-04	5.99E-04	0.00E+00	-2.50E-03	1.13E-10	3.99E-09	2.87E-03	1.38E-01	0.00E+00	0.00E+00	3.90E-01
47238917	5.69E-04	7.71E-02	1.94E-02	5.24E-02	0.00E+00	0.00E+00	4.54E-01	5.77E-07	2.25E-04	5.90E-04	0.00E+00	-2.03E-03	1.09E-10	1.83E-09	2.91E-03	7.38E-02	0.00E+00	0.00E+00	2.89E-01
47238922	5.62E-04	8.47E-02	2.18E-02	6.30E-02	0.00E+00	0.00E+00	5.12E-01	9.49E-07	3.28E-04	6.01E-04	0.00E+00	-2.43E-03	9.03E-11	3.96E-09	2.83E-03	1.36E-01	0.00E+00	0.00E+00	3.86E-01
47238982	6.51E-04	8.64E-02	2.33E-02	6.44E-02	0.00E+00	0.00E+00	5.26E-01	9.80E-07	3.19E-04	6.20E-04	0.00E+00	-2.89E-03	9.56E-11	4.19E-09	2.90E-03	1.34E-01	0.00E+00	0.00E+00	3.87E-01
47238989	8.44E-04	8.54E-02	2.22E-02	6.32E-02	0.00E+00	0.00E+00	5.12E-01	9.49E-07	3.28E-04	6.03E-04	0.00E+00	-2.48E-03	9.03E-11	3.96E-09	2.83E-03	1.36E-01	0.00E+00	0.00E+00	3.86E-01
47241404	7.66E-04	9.58E-02	1.69E-02	8.03E-02	0.00E+00	0.00E+00	5.98E-01	1.27E-06	3.47E-04	8.28E-04	0.00E+00	-1.76E-03	9.79E-11	4.11E-09	4.17E-03	1.81E-01	0.00E+00	0.00E+00	4.97E-01
47241606	8.99E-04	9.51E-02	1.25E-02	7.99E-02	0.00E+00	0.00E+00	5.93E-01	1.28E-06	3.44E-04	8.29E-04	0.00E+00	-1.44E-03	9.79E-11	4.11E-09	4.52E-03	1.91E-01	0.00E+00	0.00E+00	5.16E-01
47241909	5.08E-04	9.84E-02	2.28E-02	7.82E-02	0.00E+00	0.00E+00	5.52E-01	6.72E-07	2.19E-04	7.61E-04	0.00E+00	-2.38E-03	9.37E-10	1.63E-09	3.85E-03	7.94E-02	0.00E+00	0.00E+00	1.51E-01
47248982	6.98E-04	9.59E-02	1.69E-02	8.05E-02	0.00E+00	0.00E+00	5.85E-01	1.25E-06	3.46E-04	8.14E-04	0.00E+00	-1.75E-03	9.74E-11	4.06E-09	4.04E-03	1.79E-01	0.00E+00	0.00E+00	4.86E-01
47248989	6.64E-04	9.49E-02	1.66E-02	7.83E-02	0.00E+00	0.00E+00	5.70E-01	1.20E-06	3.45E-04	7.87E-04	0.00E+00	-1.74E-03	9.81E-11	4.07E-09	3.75E-03	1.70E-01	0.00E+00	0.00E+00	4.70E-01
47271404	8.22E-04	8.12E-02	1.71E-02	6.07E-02	0.00E+00	0.00E+00	5.20E-01	1.02E-06	3.11E-04	6.22E-04	0.00E+00	-1.75E-03	1.07E-10	4.19E-09	3.26E-03	1.43E-01	0.00E+00	0.00E+00	3.91E-01
47271606	8.38E-04	7.93E-02	1.32E-02	6.06E-02	0.00E+00	0.00E+00	5.36E-01	1.02E-06	3.12E-04	6.61E-04	0.00E+00	-1.51E-03	9.80E-11	4.20E-09	3.64E-03	1.53E-01	0.00E+00	0.00E+00	3.91E-01
47271909	6.78E-04	7.36E-02	1.65E-02	5.64E-02	0.00E+00	0.00E+00	4.85E-01	9.90E-07	3.24E-04	5.91E-04	0.00E+00	-1.72E-03	1.02E-10	4.24E-09	2.85E-03	1.36E-01	0.00E+00	0.00E+00	3.57E-01
47272045	5.35E-04	6.87E-02	1.66E-02	5.00E-02	4.02E-11	0.00E+00	4.43E-01	8.66E-07	3.11E-04	5.25E-04	0.00E+00	-1.24E-03	7.55E-11	3.67E-09	2.58E-03	1.24E-01	0.00E+00	0.00E+00	3.30E-01
47272089	5.37E-04	6.99E-02	1.72E-02	5.08E-02	5.01E-11	0.00E+00	4.51E-01	8.36E-07	3.12E-04	5.27E-04	0.00E+00	-4.47E-04	7.40E-11	3.67E-09	2.74E-03	1.23E-01	0.00E+00	0.00E+00	3.24E-01
47276084	7.95E-04	7.60E-02	2.09E-02	5.42E-02	0.00E+00	0.00E+00	5.19E-01	9.20E-07	3.17E-04	5.78E-04	0.00E+00	-2.08E-03	9.52E-11	3.89E-09	2.82E-03	1.40E-01	0.00E+00	0.00E+00	3.83E-01
47276086	6.48E-04	8.22E-02	2.16E-02	5.91E-02	0.00E+00	0.00E+00	5.50E-01	9.84E-07	3.36E-04	5.83E-04	0.00E+00	-2.07E-03	9.57E-11	4.01E-09	2.78E-03	1.39E-01	0.00E+00	0.00E+00	3.92E-01
47276089	6.35E-04	7.90E-02	2.04E-02	5.82E-02	0.00E+00	0.00E+00	5.06E-01	9.15E-07	3.26E-04	5.70E-04	0.00E+00	-2.06E-03	9.49E-11	3.97E-09	2.76E-03	1.39E-01	0.00E+00	0.00E+00	3.81E-01
47278982	7.30E-04	1.19E-01	2.20E-02	1.01E-01	0.00E+00	0.00E+00	5.23E-01	9.90E-07	3.46E-04	9.20E-04	0.00E+00	-2.50E-03	1.30E-10	4.41E-09	3.47E-03	1.56E-01	0.00E+00	0.00E+00	4.19E-01
47278989	6.44E-04	7.90E-02	2.10E-02	5.77E-02	0.00E+00	0.00E+00	5.14E-01	9.80E-07	3.24E-04	5.88E-04	0.00E+00	-2.48E-03	9.58E-11	4.27E-09	2.78E-03	1.40E-01	0.00E+00	0.00E+00	3.84E-01
47287103	7.65E-04	9.52E-02	1.70E-02	7.36E-02	0.00E+00	0.00E+00	5.41E-01	9.81E-07	3.37E-04	6.80E-04	0.00E+00	-1.77E-03	1.05E-10	4.07E-09	3.54E-03	1.60E-01	0.00E+00	0.00E+00	4.29E-01
47287106	7.98E-04	7.33E-02	1.67E-02	5.77E-02	0.00E+00	0.00E+00	4.54E-01	8.95E-07	3.19E-04	5.79E-04	0.00E+00	-1.77E-03	9.40E-11	3.82E-09	2.89E-03	1.37E-01	0.00E+00	0.00E+00	3.70E-01
47287109	6.61E-04	7.23E-02	1.67E-02	5.77E-02	0.00E+00	0.00E+00	4.50E-01	8.89E-07	3.18E-04	5.66E-04	0.00E+00	-1.76E-03	9.40E-11	3.80E-09	2.81E-03	1.30E-01	0.00E+00	0.00E+00	3.60E-01
47357002	7.04E-04	8.29E-02	1.75E-02	6.31E-02	0.00E+00	0.00E+00	5.28E-01	1.01E-06	3.30E-04	6.08E-04	0.00E+00	-1.86E-03	9.56E-11	3.98E-09	3.20E-03	1.44E-01	0.00E+00	0.00E+00	4.10E-01
47357003	7.25E-04	9.54E-02	1.49E-02	8.07E-02	0.00E+00	0.00E+00	5.84E-01	1.25E-06	3.46E-04	8.22E-04	0.00E+00	-1.48E-03	9.73E-11	4.07E-09	4.52E-03	1.89E-01	0.00E+00	0.00E+00	4.92E-01
47357004	7.27E-04	1.00E-01	1.19E-02	8.85E-02	0.00E+00	0.00E+00	7.50E-01	1.57E-06	3.55E-04	9.03E-04	0.00E+00	-1.09E-03	1.28E-10	4.44E-09	4.76E-03	2.05E-01	0.00E+00	0.00E+00	5.95E-01
47357006	5.71E-04	7.35E-02	1.85E-02	5.50E-02	0.00E+00	0.00E+00	5.24E-01	1.02E-06	3.25E-04	5.57E-04	0.00E+00	-2.01E-03	9.17E-11	3.98E-09	3.12E-03	1.45E-01	0.00E+00	0.00E+00	4.08E-01
47357009	5.71E-04	7.35E-02	1.85E-02	5.50E-02	0.00E+00	0.00E+00	5.24E-01	1.02E-06	3.25E-04	5.57E-04	0.00E+00	-2.01E-03	9.17E-11	3.98E-09	3.12E-03	1.45E-01	0.00E+00	0.00E+00	4.08E-01
47357113	7.90E-04	8.43E-02	1.76E-02	6.32E-02	0.00E+00	0.00E+00	5.31E-01	1.02E-06	3.30E-04	6.15E-04	0.00E+00	-1.86E-03	1.13E-10	4.01E-09	3.21E-03	1.48E-01	0.00E+00	0.00E+00	4.15E-01
47357115	9.04E-04	8.09E-02	1.35E-02	6.57E-02	0.00E+00	0.00E+00	5.43E-01	1.01E-06	3.30E-04	6.85E-04	0.00E+00	-1.46E-03	9.55E-11	3.98E-09	3.77E-03	1.58E-01	0.00E+00	0.00E+00	4.18E-01
47387003	8.18E-04	8.33E-02	1.72E-02	6.30E-02	0.00E+00	0.00E+00	5.34E-01	1.03E-06	3.30E-04	6.34E-04	0.00E+00	-1.87E-03	1.00E-10	4.01E-09	3.31E-03	1.48E-01	0.00E+00	0.00E+00	4.17E-01
47387006	8.26E-04	8.27E-02	1.73E-02	6.41E-02	0.00E+00	0.00E+00	5.33E-01	1.02E-06	3.30E-04	6.31E-04	0.00E+00	-1.87E-03	1.01E-10	4.00E-09	3.26E-03	1.46E-01	0.00E+00	0.00E+00	4.14E-01
47387009	7.10E-04	8.27E-02	1.74E-02	6.34E-02	0.00E+00	0.00E+00	5.25E-01	1.02E-06	3.29E-04	6.21E-04	0.00E+00	-1.85E-03	1.01E-10	4.00E-09	3.21E-03	1.44E-01	0.00E+00	0.00E+00	4.10E-01
47393505	1.51E-03	1.49E-01	9.71E-03	1.39E-01	0.00E+00	0.00E+00	7.03E-01	1.24E-06	8.55E-04	1.56E-03	0.00E+00	-5.97E-04	1.78E-10	9.28E-09	9.44E-03	3.46E-01	0.00E+00	0.00E+00	8.08E-01
47397003	8.09E-04	8.27E-02	1.71E-02	6.35E-02	0.00E+00	0.00E+00	5.28E-01	1.03E-06	3.23E-04	6.28E-04	0.00E+00	-1.86E-03	1.01E-10	3.95E-09	3.29E-03	1.46E-01	0.00E+00	0.00E+00	4.13E-01
47397006	4.48E-04	3.16E-02	1.50E-02	3.22E-02	0.00E+00	0.00E+00	1.96E-01	5.32E-07	2.57E-04	3.27E-04	0.00E+00	-1.84E-03	4.27E-11	3.02E-09	1.48E-03	8.72E-02	0.00E+00	0.00E+00	1.89E-01
47397009	6.84E-04	8.25E-02	1.71E-02	6.22E-02	0.00E+00	0.00E+00	5.22E-01	1.01E-06	3.22E-04	6.11E-04	0.00E+00	-1.85E-03	1.01E-10	3.94E-09	3.20E-03	1.43E-01	0.00E+00	0.00E+00	4.08E-01
47397013	6.84E-04	8.33E-02	1.72E-02	6.10E-02	0.00E+00	0.00E+00	5.24E-01	1.02E-06	3.22E-04	6.11E-04	0.00E+00	-1.85E-03	1.18E-10	3.97E-09	3.20E-03	1.44E-01	0.00E+00	0.00E+00	4.07E-01
47397014	8.57E-04	8.25E-02	1.33E-02	6.54E-02	0.00E+00	0.00E+00	5.22E-01	1.02E-06	3.24E-04	6.85E-04	0.00E+00	-1.48E-03	1.18E-10	3.97E-09	3.75E-03	1.57E-01	0.00E+00	0.00E+00	4.15E-01
47397015	8.57E-04	8.25E-02	1.33E-02	6.31E-02	0.00E+00	0.00E+00	5.23E-01	1.02E-06	3.22E-04	6.81E-04	0.00E+00	-1.48E-03	1.00E-10	3.96E-09	3.75E-03	1.56E-01	0.00E+00	0.00E+00	4.15E-01
47397114	8.98E-04	8.25E-02	1.33E-02	6.34E-02	0.00E+00	0.00E+00	5.24E-01	1.02E-06	3.23E-04	6.86E-04	0.00E+00	-1.48E-03	1.18E-10	3.97E-09	3.76E-03	1.58E-01	0.00E+00	0.00E+00	4.17E-01
47397115	8.93E-04	8.23E-02	1.34E-02	6.47E-02	0.00E+00	0.00E+00	5.23E-01	1.02E-06	3.24E-04	6.77E-04	0.00E+00	-1.47E-03	1.01E-10	3.95E-09	3.77E-03	1.57E-01	0.00E+00	0.00E+00	4.16E-01
47403512	7.38E-04	1.14E-01	8.27E-03	1.06E-01	0.00E+00	0.00E+00	3.57E-01	5.56E-07	3.57E-04	1.18E-03	0.00E+00	-6.75E-04	7.42E-11	3.39E-09	7.39E-03	2.04E-01	0.00E+00	0.00E+00	4.19E-01
47403515	7.67E-04	1.18E-01	7.45E-03	1.10E-01	0.00E+00	0.00E+00	4.10E-01	7.25E-07	3.61E-04	1.22E-03	0.00E+00	-5.40E-04	1.22E-10	3.53E-09	7.61E-03	2.17E-01	0.00E+00	0.00E+00	5.27E-01
47403521	7.25E-04	1.15E-01	8.66E-03	1.05E-01	1.86E-11	0.00E+00	4.45E-01	9.51E-07	2.17E-04	1.28E-03	0.00E+00	4.65E-04	1.04E-10	2.65E-09	7.25E-03	2.05E-01	0.00E+00	0.00E+00	5.47E-01
47403523	7.25E-04	1.15E-01	8.66E-03	1.05E-01	1.86E-11	0.00E+00	4.45E-01	9.51E-07	2.17E-04	1.28E-03	0.00E+00	4.65E-04	1.04E-10	2.65E-09	7.25E-03	2.05E-01	0.00E+00	0.00E+00	5.47E-01
47403524	7.25E-04	1.15E-01	8.52E-03	1.05E-01	1.86E-11	0.00E+00	4.46E-01	9.52E-07	2.17E-04	1.27E-03	0.00E+00	4.09E-04	1.04E-10	2.66E-09	7.27E-03	2.05E-01	0.00E+00	0.00E+00	5.58E-01
47403527	7.23E-04	1.15E-01	8.46E-03	1.06E-01	2.93E-11	0.00E+00	4.94E-01	9.48E-07	2.17E-04	1.27E-03	0.00E+00	3.88E-04	1.04E-10	2.66E-09	7.68E-03	2.07E-01	0.00E+00	0.00E+00	5.65E-01
47403533	7.25E-04	1.15E-01	8.66E-03	1.05E-01	1.86E-11	0.00E+00	4.45E-01	9.51E-07	2.17E-04	1.28E-03	0.00E+00	4.65E-04	1.04E-10	2.65E-09	7.25E-03	2.06E-01	0.00E+00	0.00E+00	5.47E-01
47413512	7.31E-04	1.17E-01	8.72E-03	1.08E-01	4.42E-11	0.00E+00	4.70E-01	1.01E-06	2.13E-04	1.30E-03	0.00E+00	3.86E-04	1.05E-10	2.49E-09	7.42E-03	2.18E-01	0.00E+00	0.00E+00	5.60E-01
47413515	7.87E-04	1.22E-01	7.81E-03	1.14E-01	0.00E+00	0.00E+00	4.20E-01	7.67E-07	3.65E-04	1.26E-03	0.00E+00	-5.76E-04	1.23E-10	3.56E-09	7.82E-03	2.24E-01	0.00E+00	0.00E+00	5.43E-01
47413522	7.84E-04	1.23E-01	8.68E-03	1.14E-01	3.77E-11	0.00E+00	4.70E-01	1.01E-06	2.14E-04	1.32E-03	0.00E+00	4.06E-04	1.10E-10	2.55E-09	7.44E-03	2.18E-01	0.00E+00	0.00E+00	5.73E-01
47413525	7.82E-04	1.22E-01	8.73E-03	1.14E-01	5.92E-11	0.00E+00	4.75E-01	1.04E-06	2.13E-04	1.33E-03	0.00E+00	1.05E-04	1.10E-10	2.50E-09	7.47E-03	2.19E-01	0.00E+00	0.00E+00	5.73E-01
47428982	6.37E-04	9.06E-02	2.65E-02	6.65E-02	0.00E+00	0.00E+00	5.15E-01	9.54E-07	3.35E-04	6.16E-04	0.00E+00	-2.58E-03	9.66E-11	4.10E-09	2.90E-03	1.46E-01	0.00E+00	0.00E+00	4.01E-01
47428989	5.34E-04	8.25E-02	2.79E-02	5.45E-02	0.00E+00	0.00E+00	5.05E-01	9.44E-07	3.14E-04	5.31E-04	0.00E+00	-3.20E-03	8.88E-11	3.88E-09	2.87E-03	1.33E-01	0.00E+00	0.00E+00	3.81E-01
47429909	1.04E-03	9.24E-02	1.14E-02	8.10E-02	0.00E+00	0.00E+00	5.88E-01	1.31E-06	3.42E-04	8.43E-04	0.00E+00	-1.08E-03	9.94E-11	3.99E-09	4.16E-03	1.85E-01	0.00E+00	0.00E+00	5.06E-01
47429939	6.59E-04	9.20E-02	1.93E-02	7.42E-02	0.00E+00	0.00E+00	5.32E-01	5.16E-07	2.49E-04	7.33E-04	0.00E+00	-2.15E-03	8.36E-10	1.70E-09	3.92E-03	9.41E-02	0.00E+00	0.00E+00	1.82E-01
47429949	1.04E-03	9.24E-02	1.14E-02	8.10E-02	0.00E+00	0.00E+00	5.88E-01	1.31E-06	3.42E-04	8.43E-04	0.00E+00	-1.08E-03	9.94E-11	3.99E-09	4.16E-03	1.85E-01	0.00E+00	0.00E+00	5.06E-01
47431404	8.42E-04	7.65E-02	1.71E-02	5.94E-02	0.00E+00	0.00E+00	5.14E-01	9.87E-07	3.19E-04	5.86E-04	0.00E+00	-1.84E-03	8.98E-11	3.85E-09	2.93E-03	1.39E-01	0.00E+00	0.00E+00	3.95E-01
47431606	9.00E-04	7.65E-02	1.12E-02	6.53E-02	0.00E+00	0.00E+00	5.37E-01	1.04E-06	3.26E-04	6.70E-04	0.00E+00	-1.09E-03	9.44E-11	3.88E-09	3.67E-03	1.56E-01	0.00E+00	0.00E+00	4.32E-01
47431903	7.81E-04	7.99E-02	1.73E-02	5.92E-02	0.00E+00	0.00E+00	5.20E-01	1.03E-06	3.15E-04	6.23E-04	0.00E+00	-1.81E-03	1.19E-10	4.23E-09	3.17E-03	1.44E-01	0.00E+00	0.00E+00	3.88E-01
47431907	8.78E-04	8.00E-02	1.37E-02	6.20E-02	0.00E+00	0.00E+00	5.20E-01	1.04E-06	3.16E-04	6.83E-04	0.00E+00	-1.53E-03	1.10E-10	4.23E-09	3.62E-03	1.55E-01	0.00E+00	0.00E+00	3.94E-01
47431909	8.42E-04	7.65E-02	1.71E-02	5.94E-02	0.00E+00	0.00E+00	5.14E-01	9.87E-07	3.19E-04	5.86E-04	0.00E+00	-1.84E-03	8.98E-11	3.85E-09	2.93E-03	1.39E-01	0.00E+00	0.00E+00	3.95E-01
47431912	8.41E-04	7.68E-02	1.37E-02	6.16E-02	0.00E+00	0.00E+00	5.18E-01	1.04E-06	3.16E-04	6.65E-04	0.00E+00	-1.53E-03	9.25E-11	4.22E-09	3.54E-03	1.51E-01	0.00E+00	0.00E+00	3.90E-01
47431913	6.85E-04	7.92E-02	1.72E-02	5.89E-02	0.00E+00	0.00E+00	5.35E-01	1.04E-06	3.14E-04	6.12E-04	0.00E+00	-1.81E-03	1.24E-10	4.24E-09	3.28E-03	1.43E-01	0.00E+00	0.00E+00	3.93E-01
47431914	8.18E-04	7.65E-02	1.36E-02	6.48E-02	0.00E+00	0.00E+00	5.02E-01	9.94E-07	3.09E-04	6.46E-04	0.00E+00	-1.46E-03	1.07E-10	3.83E-09	3.51E-03	1.54E-01	0.00E+00	0.00E+00	4.08E-01

47229909	1.43E-02	1.05E+00	0.00E+00	8.29E-09	4.15E-09	2.61E-04	3.54E-07	8.96E-02	0.00E+00	1.05E+00	2.02E-07	1.05E+00	1.14E+00	8.96E-02	0.00E+00	0.00E+00	0.00E+00	1.85E+01
47229939	5.46E-02	7.74E-01	0.00E+00	6.29E-09	2.61E-09	2.19E-04	6.55E-07	5.83E-02	0.00E+00	7.74E-01	9.57E-08	7.74E-01	8.34E-01	5.83E-02	0.00E+00	0.00E+00	0.00E+00	9.56E+00
47229949	5.42E-02	8.11E-01	0.00E+00	6.65E-09	2.70E-09	2.30E-04	6.44E-07	6.17E-02	0.00E+00	8.11E-01	9.57E-08	8.11E-01	8.66E-01	6.17E-02	0.00E+00	0.00E+00	0.00E+00	9.63E+00
47231404	2.46E-02	6.83E-01	0.00E+00	5.41E-09	2.66E-09	1.74E-04	6.04E-07	7.14E-02	0.00E+00	6.83E-01	-7.55E-08	6.83E-01	7.70E-01	7.14E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
47231606	1.44E-02	8.03E-01	0.00E+00	6.42E-09	3.09E-09	2.04E-04	3.55E-07	7.70E-02	0.00E+00	8.03E-01	4.62E-08	8.03E-01	8.80E-01	7.70E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
47231903	5.93E-02	5.51E-01	0.00E+00	4.64E-09	1.98E-09	1.81E-04	8.09E-07	5.63E-02	0.00E+00	5.51E-01	-1.35E-07	5.51E-01	6.01E-01	5.63E-02	0.00E+00	0.00E+00	0.00E+00	9.77E+00
47231909	2.43E-02	6.55E-01	0.00E+00	5.16E-09	2.60E-09	1.79E-04	5.94E-07	6.84E-02	0.00E+00	6.55E-01	-8.89E-08	6.55E-01	7.23E-01	6.84E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
47231914	2.00E-02	7.14E-01	0.00E+00	6.50E-09	3.09E-09	1.81E-04	4.85E-07	7.21E-02	0.00E+00	7.14E-01	-1.55E-08	7.14E-01	8.51E-01	7.21E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
47231917	5.68E-02	5.37E-01	0.00E+00	4.45E-09	2.02E-09	1.76E-04	7.33E-07	5.96E-02	0.00E+00	5.37E-01	-1.09E-07	5.37E-01	5.91E-01	5.96E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
47231922	5.55E-02	5.73E-01	0.00E+00	5.19E-09	2.19E-09	1.86E-04	7.10E-07	5.94E-02	0.00E+00	5.73E-01	-6.18E-08	5.73E-01	6.57E-01	5.94E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
47232045	2.41E-02	6.55E-01	0.00E+00	5.16E-09	2.60E-09	1.79E-04	5.90E-07	6.84E-02	0.00E+00	6.55E-01	-8.74E-08	6.55E-01	7.23E-01	6.84E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
47232089	2.37E-02	6.78E-01	0.00E+00	5.30E-09	2.63E-09	1.66E-04	5.80E-07	6.97E-02	0.00E+00	6.78E-01	-6.94E-08	6.78E-01	7.47E-01	6.97E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
47236003	3.46E-02	6.51E-01	0.00E+00	4.99E-09	2.49E-09	1.77E-04	8.28E-07	6.69E-02	0.00E+00	6.51E-01	-1.85E-07	6.51E-01	6.84E-01	6.69E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
47236022	2.56E-02	6.93E-01	0.00E+00	5.40E-09	2.63E-09	1.76E-04	6.12E-07	7.18E-02	0.00E+00	6.93E-01	-9.42E-08	6.93E-01	7.68E-01	7.18E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
47236084	3.34E-02	6.61E-01	0.00E+00	5.28E-09	2.57E-09	1.84E-04	8.17E-07	6.79E-02	0.00E+00	6.61E-01	-1.83E-07	6.61E-01	7.29E-01	6.79E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
47236086	3.34E-02	6.01E-01	0.00E+00	4.74E-09	2.39E-09	1.72E-04	8.16E-07	6.48E-02	0.00E+00	6.01E-01	-1.97E-07	6.01E-01	6.66E-01	6.48E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
47236089	3.35E-02	6.01E-01	0.00E+00	4.74E-09	2.39E-09	1.72E-04	8.17E-07	6.48E-02	0.00E+00	6.01E-01	-1.97E-07	6.01E-01	6.66E-01	6.48E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
47238903	3.32E-02	6.51E-01	0.00E+00	5.00E-09	2.48E-09	1.76E-04	8.13E-07	6.71E-02	0.00E+00	6.51E-01	-1.81E-07	6.51E-01	6.86E-01	6.71E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
47238907	3.47E-02	6.50E-01	0.00E+00	4.95E-09	2.47E-09	1.73E-04	8.28E-07	6.61E-02	0.00E+00	6.50E-01	-1.85E-07	6.50E-01	6.81E-01	6.61E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
47238914	3.47E-02	6.48E-01	0.00E+00	4.89E-09	2.44E-09	1.73E-04	8.30E-07	6.55E-02	0.00E+00	6.48E-01	-1.86E-07	6.48E-01	6.80E-01	6.55E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
47238917	5.68E-02	5.37E-01	0.00E+00	4.45E-09	2.02E-09	1.76E-04	7.33E-07	5.96E-02	0.00E+00	5.37E-01	-1.09E-07	5.37E-01	5.91E-01	5.96E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
47238922	3.21E-02	6.01E-01	0.00E+00	4.74E-09	2.39E-09	1.71E-04	7.83E-07	6.49E-02	0.00E+00	6.01E-01	-1.85E-07	6.01E-01	6.66E-01	6.49E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
47238982	3.50E-02	6.59E-01	0.00E+00	4.92E-09	2.47E-09	1.84E-04	8.74E-07	6.74E-02	0.00E+00	6.59E-01	-1.98E-07	6.59E-01	6.90E-01	6.74E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
47238989	3.27E-02	6.01E-01	0.00E+00	4.74E-09	2.39E-09	1.71E-04	7.98E-07	6.49E-02	0.00E+00	6.01E-01	-1.90E-07	6.01E-01	6.66E-01	6.49E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
47241404	2.38E-02	1.02E+00	0.00E+00	7.94E-09	3.89E-09	2.47E-04	5.86E-07	8.67E-02	0.00E+00	1.02E+00	6.12E-08	1.02E+00	1.10E+00	8.67E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
47241606	1.54E-02	1.02E+00	0.00E+00	8.04E-09	4.03E-09	2.47E-04	3.67E-07	9.04E-02	0.00E+00	1.02E+00	1.68E-07	1.02E+00	1.11E+00	9.04E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
47241909	7.31E-02	8.14E-01	0.00E+00	6.45E-09	2.64E-09	2.31E-04	9.73E-07	5.26E-02	0.00E+00	8.14E-01	-1.38E-08	8.14E-01	8.83E-01	5.26E-02	0.00E+00	0.00E+00	0.00E+00	8.40E+00
47248982	2.38E-02	9.78E-01	0.00E+00	7.62E-09	3.81E-09	2.43E-04	5.90E-07	8.42E-02	0.00E+00	9.78E-01	6.00E-08	9.78E-01	1.06E+00	8.42E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
47248989	2.29E-02	8.98E-01	0.00E+00	7.07E-09	3.53E-09	2.31E-04	5.63E-07	8.11E-02	0.00E+00	8.98E-01	4.42E-08	8.98E-01	9.79E-01	8.11E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
47271404	2.40E-02	7.04E-01	0.00E+00	5.51E-09	2.68E-09	1.86E-04	5.76E-07	7.37E-02	0.00E+00	7.04E-01	-7.49E-08	7.04E-01	7.77E-01	7.37E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
47271606	1.58E-02	7.40E-01	0.00E+00	6.53E-09	3.03E-09	1.92E-04	4.42E-07	7.54E-02	0.00E+00	7.40E-01	1.20E-08	7.40E-01	8.58E-01	7.54E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
47271909	2.34E-02	6.71E-01	0.00E+00	4.95E-09	2.34E-09	1.77E-04	5.74E-07	6.68E-02	0.00E+00	6.71E-01	-8.05E-08	6.71E-01	6.98E-01	6.68E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
47272045	2.43E-02	5.58E-01	0.00E+00	4.29E-09	2.16E-09	1.50E-04	5.92E-07	5.94E-02	0.00E+00	5.58E-01	-5.55E-08	5.58E-01	6.16E-01	5.94E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
47272089	2.41E-02	5.62E-01	0.00E+00	4.21E-09	2.14E-09	1.51E-04	5.80E-07	5.89E-02	0.00E+00	5.62E-01	-4.41E-08	5.62E-01	6.20E-01	5.89E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
47276084	3.07E-02	6.54E-01	0.00E+00	4.87E-09	2.49E-09	1.72E-04	7.56E-07	6.61E-02	0.00E+00	6.54E-01	-1.50E-07	6.54E-01	6.76E-01	6.61E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
47276086	3.10E-02	6.54E-01	0.00E+00	5.06E-09	2.47E-09	1.77E-04	7.76E-07	6.62E-02	0.00E+00	6.54E-01	-1.61E-07	6.54E-01	6.79E-01	6.62E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
47276089	2.93E-02	6.54E-01	0.00E+00	5.02E-09	2.47E-09	1.75E-04	7.20E-07	6.44E-02	0.00E+00	6.54E-01	-1.57E-07	6.54E-01	6.73E-01	6.44E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
47278982	3.19E-02	7.35E-01	0.00E+00	5.76E-09	2.94E-09	2.44E-04	8.16E-07	7.77E-02	0.00E+00	7.35E-01	-1.55E-07	7.35E-01	8.07E-01	7.77E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
47278989	3.01E-02	6.61E-01	0.00E+00	5.07E-09	2.50E-09	1.82E-04	7.64E-07	6.71E-02	0.00E+00	6.61E-01	-1.60E-07	6.61E-01	6.84E-01	6.71E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
47287103	2.41E-02	7.40E-01	0.00E+00	5.91E-09	2.96E-09	1.87E-04	5.63E-07	7.80E-02	0.00E+00	7.40E-01	-4.95E-08	7.40E-01	8.13E-01	7.80E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
47287106	2.39E-02	6.66E-01	0.00E+00	4.96E-09	2.43E-09	1.73E-04	5.68E-07	6.45E-02	0.00E+00	6.66E-01	-9.55E-08	6.66E-01	6.96E-01	6.45E-02	0.00E+00	0.00E+00	0.00E+00	1.33E+01
47287109	2.39E-02	6.60E-01	0.00E+00	4.71E-09	2.30E-09	1.71E-04	5.76E-07	6.25E-02	0.00E+00	6.60E-01	-8.40E-08	6.60E-01	6.68E-01	6.25E-02	0.00E+00	0.00E+00	0.00E+00	1.30E+01
47357002	2.58E-02	6.81E-01	0.00E+00	5.39E-09	2.66E-09	1.76E-04	6.35E-07	7.01E-02	0.00E+00	6.81E-01	-8.54E-08	6.81E-01	7.44E-01	7.01E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
47357003	1.82E-02	9.94E-01	0.00E+00	7.82E-09	3.88E-09	2.44E-04	4.17E-07	8.58E-02	0.00E+00	9.94E-01	1.39E-07	9.94E-01	1.09E+00	8.58E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
47357004	1.44E-02	1.12E+00	0.00E+00	8.71E-09	4.28E-09	2.66E-04	3.57E-07	1.03E-01	0.00E+00	1.12E+00	1.79E-07	1.12E+00	1.22E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+01
47357006	2.65E-02	6.78E-01	0.00E+00	5.30E-09	2.63E-09	1.67E-04	6.48E-07	6.94E-02	0.00E+00	6.78E-01	-9.41E-08	6.78E-01	7.47E-01	6.94E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
47357009	2.65E-02	6.78E-01	0.00E+00	5.30E-09	2.63E-09	1.67E-04	6.48E-07	6.94E-02	0.00E+00	6.78E-01	-9.41E-08	6.78E-01	7.47E-01	6.94E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
47357113	2.69E-02	6.86E-01	0.00E+00	5.53E-09	2.69E-09	1.77E-04	6.54E-07	7.15E-02	0.00E+00	6.86E-01	-8.10E-08	6.86E-01	7.58E-01	7.15E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
47357115	2.01E-02	7.25E-01	0.00E+00	6.52E-09	3.10E-09	1.84E-04	4.98E-07	7.43E-02	0.00E+00	7.25E-01	-1.04E-08	7.25E-01	8.59E-01	7.43E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
47387003	2.53E-02	6.94E-01	0.00E+00	5.64E-09	2.69E-09	1.81E-04	6.11E-07	7.16E-02	0.00E+00	6.94E-01	-7.95E-08	6.94E-01	7.68E-01	7.16E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
47387006	2.50E-02	6.88E-01	0.00E+00	5.54E-09	2.68E-09	1.80E-04	6.10E-07	7.15E-02	0.00E+00	6.88E-01	-9.40E-08	6.88E-01	7.58E-01	7.15E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
47387009	2.49E-02	6.84E-01	0.00E+00	5.43E-09	2.65E-09	1.80E-04	6.12E-07	7.01E-02	0.00E+00	6.84E-01	-7.95E-08	6.84E-01	7.47E-01	7.01E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
47393505	7.90E-03	1.87E+00	0.00E+00	1.62E-08	7.10E-09	4.66E-04	2.09E-07	1.51E-01	0.00E+00	1.87E+00	3.34E-07	1.87E+00	2.02E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
47397003	2.47E-02	6.88E-01	0.00E+00	5.51E-09	2.67E-09	1.80E-04	5.95E-07	7.10E-02	0.00E+00	6.88E-01	-9.17E-08	6.88E-01	7.56E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
47397006	2.43E-02	4.21E-01	0.00E+00	3.24E-09	1.54E-09	1.03E-04	5.78E-07	3.29E-02	0.00E+00	4.21E-01	-1.07E-07	4.21E-01	4.68E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	6.67E+00
47397009	2.47E-02	6.84E-01	0.00E+00	5.40E-09	2.63E-09	1.80E-04	6.04E-07	6.98E-02	0.00E+00	6.84E-01	-7.95E-08	6.84E-01	7.43E-01	6.98E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
47397013	2.50E-02	6.84E-01	0.00E+00	5.45E-09	2.64E-09	1.80E-04	6.04E-07	6.98E-02	0.00E+00	6.84E-01	-9.01E-08	6.84E-01	7.46E-01	6.98E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
47397014	1.89E-02	7.32E-01	0.00E+00	6.56E-09	3.06E-09	1.87E-04	4.80E-07	7.28E-02	0.00E+00	7.32E-01	-4.18E-09	7.32E-01	8.63E-01	7.28E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
47397015	1.89E-02	7.32E-01	0.00E+00	6.54E-09	3.06E-09	1.88E-04	4.78E-07	7.26E-02	0.00E+00	7.32E-01	-4.18E-09	7.32E-01	8.64E-01	7.26E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
47397114	1.89E-02	7.35E-01	0.00E+00	6.60E-09	3.08E-09	1.88E-04	4.75E-07	7.37E-02	0.00E+00	7.35E-01	1.50E-10	7.35E-01	8.72E-01	7.37E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
47397115	1.88E-02	7.34E-01	0.00E+00	6.50E-09	3.07E-09	1.87E-04	4.82E-07	7.38E-02	0.00E+00	7.34E-01	-2.96E-09	7.34E-01	8.63E-01	7.38E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
47403512	8.92E-03	1.36E+00	0.00E+00	1.20E-08	4.61E-09	3.28E-04	2.30E-07	8.78E-02	0.00E+00	1.36E+00	2.29E-07	1.36E+00	1.45E+00	8.78E-02	0.00E+00	0.00E+00	0.00E+00	1.16E+01
47403515	7.14E-03	1.43E+00	0.00E+00	1.24E-08	4.94E-09	3.40E-04	1.87E-07	1.01E-01	0.00E+00	1.43E+00	2.88E-07	1.43E+00	1.53E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.62E+01
47403521	6.56E-03	1.51E+00	0.00E+00	1.27E-08	5.14E-09	3.53E-04	2.11E-07	1.13E-01	0.00E+00	1.51E+00	3.00E-07	1.51E+00	1.63E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	1.57E+01
47403523	6.56E-03	1.51E+00	0.00E+00	1.27E-08	5.14E-09	3.53E-04	2.11E-07	1.13E-01	0.00E+00	1.51E+00	3.00E-07	1.51E+00	1.63E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	1.57E+01
47403524	6.56E-03	1.50E+00	0.00E+00	1.26E-08	5.11E-09	3.47E-04	2.10E-07	1.14E-01	0.00E+00	1.50E+00	2.99E-07	1.50E+00	1.62E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+01
47403527	6.58E-03	1.50E+00	0.00E+00	1.26E-08	5.12E-09	3.48E-04	2.10E-07	1.14E-01	0.00E+00	1.50E+00	2.99E-07	1.50E+00	1.62E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+01
47403533	6.56E-03	1.51E+00	0.00E+00	1.28E-08	5.15E-09	3.53E-04	2.11E-07	1.13E-01	0.00E+00	1.51E+00	3.00E-07	1.51E+00	1.64E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+01
47413512	7.27E-03	1.53E+00	0.00E+00	1.31E-08	5.36E-09	3.77E-04	2.12E-07	1.10E-01	0.00E+00	1.53E+00	3.11E-07	1.53E+00	1.66E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+01
47413515	7.61E-03	1.48E+00	0.00E+00	1.28E-08	5.16E-09	3.53E-04	1.99E-07	1.04E-01	0.00E+00	1.48E+00	3.11E-07	1.48E+00	1.59E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	1.67E+01
47413522	7.06E-03	1.53E+00	0.00E+00	1.31E-08	5.38E-09	3.80E-04	2.12E-07	1.10E-01	0.00E+00	1.53E+00	3.18E-07	1.53E+00	1.65E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	1.68E+01
47413525	6.56E-03	1.54E+00	0.00E+00	1.33E-08	5.40E-09	3.81E-04	2.12E-07	1.10E-01	0.00E+00	1.54E+00	3.16E-07	1.54E+00	1.66E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	1.69E+01
47428982	3.67E-02	6.47E-01	0.00E+00	4.86E-09	2.51E-09	1.82E-04	9.43E-07	7.13E-02	0.00E+00	6.47E-01	-2.31E-07	6.47E-01	6.77E-01	7.13E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
47428989	4.22E-02	5.92E-01	0.00E+00	4.63E-09	2.27E-09	1.55E-04	1.03E-06	6.30E-02	0.00E+00	5.92E-01	-2.72E-07	5.92E-01	6.55E-01	6.30E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
47429909	1.43E-02	1.04E+00	0.00E+00	8.17E-09	4.08E-09	2.53E-04	3.53E-07	8.84E-02	0.00E+00	1.04E+00	2.03E-07	1.04E+00	1.13E+00	8.84E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
47429939	7.02E-02	7.74E-01	0.00E+00	6.25E-09	2.66E-09	2.20E-04	8.44E-07	6.16E-02	0.00E+00	7.74E-01	1.05E-07	7.74E-01	8.37E-01	6.16E-02	0.00E+00	0.00E+00	0.00E+00	9.65E+00
47429949	1.43E-02	1.04E+00	0.00E+00	8.17E-09	4.08E-09	2.53E-04	3.53E-07	8.84E-02	0.00E+00	1.04E+00	2.03E-07	1.04E+00	1.13E+00	8.84E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
47431404	2.43E-02	6.42E-01	0.00E+00	5.02E-09	2.53E-09	1.71E-04	5.95E-07	6.71E-02	0.00E+00	6.42E-01	-8.81E-08	6.42E-01	7.09E-01	6.71E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
47431606	1.43E-02	7.93E-01	0.00E+00	6.31E-09	3.03E-09	1.97E-04	3.55E-07	7.59E-02	0.00E+00	7.93E-01	4.88E-08	7.93E-01	8.69E-01	7.59E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
47431903	2.53E-02	6.89E-01	0.00E+00	5.41E-09	2.68E-09	1.82E-04	6.10E-07	7.32E-02	0.00E+00	6.89E-01	-8.19E-08	6.89E-01	7.72E-01	7.32E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
47431907	1.93E-02	7.28E-01	0.00E+00	6.47E-09	3.06E-09	1.90E-04	4.83E-07	7.50E-02	0.00E+00	7.28E-01	-5.85E-09	7.28E-01	8.59E-01	7.50E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
47431909	2.43E-02	6.42E-01	0.00E+00	5.02E-09	2.53E-09	1.71E-04	5.95E-07	6.71E-02	0.00E+00	6.42E-01	-8.81E-08	6.42E-01	7.09E-01	6.71E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
47431912	1.93E-02	7.16E-01	0.00E+00	6.24E-09	2.92E-09	1.86E-04	4.85E-07	7.34E-02	0.00E+00	7.16E-01	-1.09E-08	7.16E-01	8.33E-01	7.34E-02	0.00E+00	0.00E+00	0.00E+00	1.51E+01
47431913	2.49E-02	6.97E-01	0.00E+00	5.45E-09	2.67E-09	1.85E-04	6.04E-07	7.33E-02	0.00E+00	6.97E-01	-8.13E-08	6.97E-01	7.80E-01	7.33E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
47431914	1.92E-02	7.09E-01	0.00E+00	6.26E-09	2.92E-09	1.77E-04	4.65E-07	7.04E-02	0.00E+00	7.09E-01	-1.16E-08	7.09E-01	8.33E-01	7.04E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01

47431922	8.77E-04	7.68E-02	1.37E-02	6.16E-02	0.00E+00	0.00E+00	5.18E-01	1.04E-06	3.16E-04	6.66E-04	0.00E+00	-1.53E-03	9.25E-11	4.23E-09	3.55E-03	1.52E-01	0.00E+00	0.00E+00	3.91E-01	1.93E-02	7.19E-01	0.00E+00	6.26E-09	2.94E-09	1.86E-04	4.83E-07	7.40E-02	0.00E+00	7.19E-01	-6.07E-09	7.19E-01	8.39E-01	7.40E-02	0.00E+00	0.00E+00	0.00E+00	1.51E+01
47432003	5.86E-04	7.66E-02	1.71E-02	6.12E-02	0.00E+00	0.00E+00	5.13E-01	9.85E-07	3.21E-04	5.87E-04	0.00E+00	-1.77E-03	1.07E-10	3.90E-09	3.07E-03	1.40E-01	0.00E+00	0.00E+00	3.99E-01	2.27E-02	6.70E-01	0.00E+00	5.12E-09	2.56E-09	1.71E-04	5.80E-07	6.85E-02	0.00E+00	6.70E-01	-8.75E-08	6.70E-01	7.29E-01	6.85E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
47432007	7.43E-04	7.67E-02	1.37E-02	6.40E-02	0.00E+00	0.00E+00	5.13E-01	9.92E-07	3.23E-04	6.36E-04	0.00E+00	-1.47E-03	1.07E-10	3.90E-09	3.48E-03	1.52E-01	0.00E+00	0.00E+00	4.04E-01	1.93E-02	7.08E-01	0.00E+00	6.19E-09	2.88E-09	1.76E-04	4.80E-07	6.99E-02	0.00E+00	7.08E-01	-1.26E-08	7.08E-01	8.13E-01	6.99E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
47432017	5.73E-04	7.90E-02	1.54E-02	5.65E-02	0.00E+00	0.00E+00	5.23E-01	1.00E-06	3.17E-04	5.82E-04	0.00E+00	-1.56E-03	1.13E-10	3.89E-09	3.18E-03	1.40E-01	0.00E+00	0.00E+00	4.06E-01	2.12E-02	6.80E-01	0.00E+00	5.21E-09	2.57E-09	1.74E-04	5.31E-07	7.08E-02	0.00E+00	6.80E-01	-8.58E-08	6.80E-01	7.49E-01	7.08E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
47432022	7.53E-04	7.93E-02	1.33E-02	6.00E-02	0.00E+00	0.00E+00	5.23E-01	1.01E-06	3.20E-04	6.56E-04	0.00E+00	-1.47E-03	9.55E-11	3.89E-09	3.74E-03	1.55E-01	0.00E+00	0.00E+00	4.14E-01	1.87E-02	7.29E-01	0.00E+00	6.48E-09	3.03E-09	1.82E-04	4.77E-07	7.25E-02	0.00E+00	7.29E-01	-3.07E-09	7.29E-01	8.60E-01	7.25E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
47432045	5.51E-04	6.90E-02	1.70E-02	5.20E-02	0.00E+00	0.00E+00	5.15E-01	9.96E-07	3.14E-04	5.30E-04	0.00E+00	-1.83E-03	9.00E-11	3.86E-09	3.03E-03	1.40E-01	0.00E+00	0.00E+00	3.99E-01	2.41E-02	6.54E-01	0.00E+00	5.10E-09	2.53E-09	1.60E-04	5.90E-07	6.78E-02	0.00E+00	6.54E-01	-8.04E-08	6.54E-01	7.22E-01	6.78E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
47432089	5.51E-04	6.85E-02	1.67E-02	5.18E-02	0.00E+00	0.00E+00	5.15E-01	9.96E-07	3.14E-04	5.29E-04	0.00E+00	-1.79E-03	9.00E-11	3.86E-09	3.03E-03	1.40E-01	0.00E+00	0.00E+00	3.99E-01	2.37E-02	6.54E-01	0.00E+00	5.10E-09	2.53E-09	1.59E-04	5.79E-07	6.79E-02	0.00E+00	6.54E-01	-7.66E-08	6.54E-01	7.22E-01	6.79E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
47436003	6.20E-04	8.40E-02	2.17E-02	6.17E-02	0.00E+00	0.00E+00	5.15E-01	9.72E-07	3.20E-04	5.90E-04	0.00E+00	-2.19E-03	1.13E-10	3.93E-09	2.91E-03	1.38E-01	0.00E+00	0.00E+00	3.95E-01	3.18E-02	6.47E-01	0.00E+00	4.85E-09	2.48E-09	1.73E-04	7.84E-07	6.57E-02	0.00E+00	6.47E-01	-1.41E-07	6.47E-01	6.79E-01	6.57E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
47436007	6.20E-04	8.40E-02	2.17E-02	6.17E-02	0.00E+00	0.00E+00	5.15E-01	9.72E-07	3.20E-04	5.90E-04	0.00E+00	-2.19E-03	1.13E-10	3.93E-09	2.91E-03	1.38E-01	0.00E+00	0.00E+00	3.95E-01	3.18E-02	6.47E-01	0.00E+00	4.85E-09	2.48E-09	1.73E-04	7.84E-07	6.57E-02	0.00E+00	6.47E-01	-1.41E-07	6.47E-01	6.79E-01	6.57E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
47436009	6.62E-04	8.54E-02	2.28E-02	6.35E-02	0.00E+00	0.00E+00	5.08E-01	9.43E-07	3.28E-04	5.98E-04	0.00E+00	-2.53E-03	9.60E-11	3.95E-09	2.87E-03	1.41E-01	0.00E+00	0.00E+00	3.90E-01	3.37E-02	6.49E-01	0.00E+00	4.74E-09	2.37E-09	1.76E-04	8.20E-07	6.58E-02	0.00E+00	6.49E-01	-1.95E-07	6.49E-01	6.63E-01	6.58E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
47436012	6.16E-04	8.52E-02	2.31E-02	6.16E-02	0.00E+00	0.00E+00	5.08E-01	9.45E-07	3.19E-04	5.87E-04	0.00E+00	-2.52E-03	9.55E-11	3.92E-09	2.85E-03	1.35E-01	0.00E+00	0.00E+00	3.83E-01	3.54E-02	6.48E-01	0.00E+00	4.74E-09	2.37E-09	1.73E-04	8.35E-07	6.45E-02	0.00E+00	6.48E-01	-2.01E-07	6.48E-01	6.62E-01	6.45E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
47436013	6.20E-04	8.40E-02	2.17E-02	6.17E-02	0.00E+00	0.00E+00	5.15E-01	9.72E-07	3.20E-04	5.90E-04	0.00E+00	-2.19E-03	1.13E-10	3.93E-09	2.91E-03	1.38E-01	0.00E+00	0.00E+00	3.95E-01	3.18E-02	6.47E-01	0.00E+00	4.85E-09	2.48E-09	1.73E-04	7.84E-07	6.57E-02	0.00E+00	6.47E-01	-1.41E-07	6.47E-01	6.79E-01	6.57E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
47436014	6.19E-04	8.45E-02	2.18E-02	6.23E-02	0.00E+00	0.00E+00	5.15E-01	9.74E-07	3.20E-04	5.93E-04	0.00E+00	-2.22E-03	1.13E-10	3.93E-09	2.91E-03	1.38E-01	0.00E+00	0.00E+00	3.96E-01	3.18E-02	6.47E-01	0.00E+00	4.86E-09	2.48E-09	1.74E-04	7.87E-07	6.58E-02	0.00E+00	6.47E-01	-1.42E-07	6.47E-01	6.78E-01	6.58E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
47436022	6.48E-04	8.64E-02	2.27E-02	6.42E-02	0.00E+00	0.00E+00	5.08E-01	9.44E-07	3.23E-04	5.99E-04	0.00E+00	-2.53E-03	9.60E-11	3.96E-09	2.86E-03	1.41E-01	0.00E+00	0.00E+00	3.90E-01	3.35E-02	6.49E-01	0.00E+00	4.77E-09	2.39E-09	1.76E-04	8.18E-07	6.58E-02	0.00E+00	6.49E-01	-1.95E-07	6.49E-01	6.63E-01	6.58E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
47436039	6.16E-04	8.52E-02	2.32E-02	6.17E-02	0.00E+00	0.00E+00	5.07E-01	9.47E-07	3.19E-04	5.88E-04	0.00E+00	-2.50E-03	1.13E-10	3.92E-09	2.85E-03	1.36E-01	0.00E+00	0.00E+00	3.84E-01	3.53E-02	6.48E-01	0.00E+00	4.77E-09	2.37E-09	1.73E-04	8.35E-07	6.47E-02	0.00E+00	6.48E-01	-1.94E-07	6.48E-01	6.64E-01	6.47E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
47436049	6.49E-04	8.31E-02	2.27E-02	6.23E-02	0.00E+00	0.00E+00	5.09E-01	9.51E-07	3.22E-04	5.88E-04	0.00E+00	-2.51E-03	1.13E-10	3.96E-09	2.87E-03	1.42E-01	0.00E+00	0.00E+00	3.93E-01	3.37E-02	6.50E-01	0.00E+00	4.86E-09	2.38E-09	1.76E-04	8.18E-07	6.66E-02	0.00E+00	6.50E-01	-1.87E-07	6.50E-01	6.72E-01	6.66E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
47436069	7.09E-04	8.61E-02	6.01E-02	6.33E-02	0.00E+00	0.00E+00	5.20E-01	9.85E-07	3.26E-04	6.91E-04	0.00E+00	-5.42E-03	1.14E-10	4.18E-09	3.25E-03	1.49E-01	0.00E+00	0.00E+00	4.21E-01	6.70E-02	6.99E-01	0.00E+00	5.57E-09	2.69E-09	2.03E-04	2.18E-06	7.30E-02	0.00E+00	6.99E-01	-6.84E-08	6.99E-01	7.81E-01	7.30E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
47436079	6.16E-04	8.52E-02	2.32E-02	6.16E-02	0.00E+00	0.00E+00	5.07E-01	9.45E-07	3.19E-04	5.87E-04	0.00E+00	-2.52E-03	9.55E-11	3.92E-09	2.85E-03	1.35E-01	0.00E+00	0.00E+00	3.83E-01	3.53E-02	6.48E-01	0.00E+00	4.74E-09	2.37E-09	1.73E-04	8.35E-07	6.46E-02	0.00E+00	6.48E-01	-2.01E-07	6.48E-01	6.63E-01	6.46E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
47436084	8.35E-04	8.52E-02	2.27E-02	6.26E-02	0.00E+00	0.00E+00	5.12E-01	9.49E-07	3.21E-04	6.11E-04	0.00E+00	-2.53E-03	9.06E-11	3.88E-09	3.11E-03	1.39E-01	0.00E+00	0.00E+00	3.92E-01	3.34E-02	6.42E-01	0.00E+00	5.10E-09	2.47E-09	1.74E-04	8.16E-07	6.63E-02	0.00E+00	6.42E-01	-1.85E-07	6.42E-01	7.08E-01	6.63E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
47436086	5.42E-04	8.15E-02	2.26E-02	5.89E-02	0.00E+00	0.00E+00	5.03E-01	9.38E-07	3.17E-04	5.66E-04	0.00E+00	-2.53E-03	8.85E-11	3.86E-09	2.76E-03	1.32E-01	0.00E+00	0.00E+00	3.78E-01	3.34E-02	5.82E-01	0.00E+00	4.56E-09	2.29E-09	1.62E-04	8.16E-07	6.32E-02	0.00E+00	5.82E-01	-1.99E-07	5.82E-01	6.45E-01	6.32E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
47436089	5.42E-04	8.15E-02	2.26E-02	5.89E-02	0.00E+00	0.00E+00	5.03E-01	9.38E-07	3.17E-04	5.66E-04	0.00E+00	-2.54E-03	8.85E-11	3.86E-09	2.76E-03	1.32E-01	0.00E+00	0.00E+00	3.78E-01	3.35E-02	5.82E-01	0.00E+00	4.56E-09	2.29E-09	1.62E-04	8.16E-07	6.32E-02	0.00E+00	5.82E-01	-1.99E-07	5.82E-01	6.45E-01	6.32E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
47438903	6.38E-04	8.57E-02	2.58E-02	6.27E-02	0.00E+00	0.00E+00	5.14E-01	9.95E-07	3.14E-04	6.12E-04	0.00E+00	-2.98E-03	1.13E-10	4.23E-09	2.89E-03	1.38E-01	0.00E+00	0.00E+00	3.89E-01	3.63E-02	6.59E-01	0.00E+00	4.87E-09	2.43E-09	1.81E-04	9.57E-07	6.74E-02	0.00E+00	6.59E-01	-2.21E-07	6.59E-01	6.80E-01	6.74E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
47438907	6.40E-04	7.84E-02	2.50E-02	5.89E-02	0.00E+00	0.00E+00	5.04E-01	9.81E-07	3.15E-04	5.97E-04	0.00E+00	-2.97E-03	1.07E-10	4.22E-09	2.82E-03	1.37E-01	0.00E+00	0.00E+00	3.77E-01	3.48E-02	6.44E-01	0.00E+00	4.82E-09	2.40E-09	1.75E-04	9.21E-07	6.71E-02	0.00E+00	6.44E-01	-2.21E-07	6.44E-01	6.78E-01	6.71E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
47438912	5.31E-04	7.42E-02	2.27E-02	5.14E-02	0.00E+00	0.00E+00	5.04E-01	9.44E-07	3.12E-04	5.09E-04	0.00E+00	-2.55E-03	8.86E-11	3.86E-09	2.85E-03	1.33E-01	0.00E+00	0.00E+00	3.81E-01	3.36E-02	5.91E-01	0.00E+00	4.62E-09	2.28E-09	1.50E-04	8.21E-07	6.37E-02	0.00E+00	5.91E-01	-1.97E-07	5.91E-01	6.55E-01	6.37E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
47438913	5.69E-04	8.56E-02	2.55E-02	6.18E-02	0.00E+00	0.00E+00	5.08E-01	9.50E-07	3.18E-04	5.89E-04	0.00E+00	-2.61E-03	1.13E-10	3.89E-09	2.85E-03	1.37E-01	0.00E+00	0.00E+00	3.85E-01	3.62E-02	6.48E-01	0.00E+00	4.76E-09	2.38E-09	1.72E-04	9.16E-07	6.48E-02	0.00E+00	6.48E-01	-2.17E-07	6.48E-01	6.65E-01	6.48E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
47438914	6.38E-04	8.57E-02	2.58E-02	6.27E-02	0.00E+00	0.00E+00	5.14E-01	9.95E-07	3.14E-04	6.12E-04	0.00E+00	-2.98E-03	1.13E-10	4.23E-09	2.89E-03	1.38E-01	0.00E+00	0.00E+00	3.89E-01	3.63E-02	6.59E-01	0.00E+00	4.87E-09	2.43E-09	1.81E-04	9.57E-07	6.74E-02	0.00E+00	6.59E-01	-2.21E-07	6.59E-01	6.80E-01	6.74E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
47438922	5.42E-04	8.17E-02	2.27E-02	5.90E-02	0.00E+00	0.00E+00	5.03E-01	9.38E-07	3.17E-04	5.67E-04	0.00E+00	-2.55E-03	8.85E-11	3.86E-09	2.76E-03	1.32E-01	0.00E+00	0.00E+00	3.78E-01	3.36E-02	5.82E-01	0.00E+00	4.56E-09	2.29E-09	1.62E-04	8.21E-07	6.32E-02	0.00E+00	5.82E-01	-2.01E-07	5.82E-01	6.45E-01	6.32E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
47438982	5.31E-04	7.42E-02	2.27E-02	5.15E-02	0.00E+00	0.00E+00	5.04E-01	9.44E-07	3.12E-04	5.09E-04	0.00E+00	-2.55E-03	8.86E-11	3.86E-09	2.85E-03	1.33E-01	0.00E+00	0.00E+00	3.81E-01	3.37E-02	5.91E-01	0.00E+00	4.62E-09	2.28E-09	1.51E-04	8.22E-07	6.37E-02	0.00E+00	5.91E-01	-1.97E-07	5.91E-01	6.55E-01	6.37E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
47438989	8.14E-04	8.17E-02	2.27E-02	5.90E-02	0.00E+00	0.00E+00	5.03E-01	9.38E-07	3.17E-04	5.67E-04	0.00E+00	-2.55E-03	8.85E-11	3.85E-09	2.76E-03	1.32E-01	0.00E+00	0.00E+00	3.78E-01	3.37E-02	5.82E-01	0.00E+00	4.56E-09	2.29E-09	1.62E-04	8.22E-07	6.32E-02	0.00E+00	5.82E-01	-2.01E-07	5.82E-01	6.45E-01	6.32E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
47441404	8.13E-04	8.40E-02	1.76E-02	6.98E-02	0.00E+00	0.00E+00	5.09E-01	1.02E-06	3.20E-04	7.07E-04	0.00E+00	-1.86E-03	1.22E-10	3.81E-09	3.35E-03	1.49E-01	0.00E+00	0.00E+00	4.13E-01	2.68E-02	7.21E-01	0.00E+00	5.94E-09	2.94E-09	1.91E-04	6.47E-07	7.08E-02	0.00E+00	7.21E-01	-6.78E-08	7.21E-01	8.06E-01	7.08E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
47441606	9.68E-04	8.58E-02	1.12E-02	7.46E-02	0.00E+00	0.00E+00	4.92E-01	1.00E-06	3.43E-04	7.68E-04	0.00E+00	-1.09E-03	8.69E-11	3.88E-09	3.91E-03	1.64E-01	0.00E+00	0.00E+00	4.27E-01	1.44E-02	8.84E-01	0.00E+00	7.13E-09	3.42E-09	2.25E-04	3.55E-07	7.64E-02	0.00E+00	8.84E-01	1.03E-07	8.84E-01	9.60E-01	7.64E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
47441909	8.05E-04	8.44E-02	1.76E-02	6.93E-02	0.00E+00	0.00E+00	5.30E-01	1.02E-06	3.21E-04	7.04E-04	0.00E+00	-1.81E-03	1.85E-10	4.12E-09	3.31E-03	1.43E-01	0.00E+00	0.00E+00	3.93E-01	2.67E-02	7.25E-01	0.00E+00	5.88E-09	2.96E-09	1.99E-04	6.54E-07	7.43E-02	0.00E+00	7.25E-01	-5.14E-08	7.25E-01	8.07E-01	7.43E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
47441949	7.94E-04	8.42E-02	1.75E-02	6.98E-02	0.00E+00	0.00E+00	5.14E-01	1.01E-06	3.20E-04	7.04E-04	0.00E+00	-1.83E-03	4.33E-10	3.81E-09	3.35E-03	1.49E-01	0.00E+00	0.00E+00	4.13E-01	2.63E-02	7.20E-01	0.00E+00	5.93E-09	2.94E-09	1.91E-04	6.41E-07	7.07E-02	0.00E+00	7.20E-01	-5.30E-08	7.20E-01	8.05E-01	7.07E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
47442045	8.94E-04	8.43E-02	1.78E-02	6.65E-02	0.00E+00	0.00E+00	4.57E-01	9.20E-07	3.33E-04	6.56E-04	0.00E+00	-1.95E-03	8.00E-11	3.83E-09	2.92E-03	1.41E-01	0.00E+00	0.00E+00	3.78E-01	2.57E-02	6.87E-01	0.00E+00	5.46E-09	2.78E-09	1.91E-04	6.29E-07	6.47E-02	0.00E+00	6.87E-01	-5.87E-08	6.87E-01	7.52E-01	6.47E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
47442079	7.17E-04	9.34E-02	1.73E-02	7.81E-02	0.00E+00	0.00E+00	5.63E-01	1.19E-06	3.50E-04	7.76E-04	0.00E+00	-1.85E-03	9.67E-11	4.07E-09	3.65E-03	1.69E-01	0.00E+00	0.00E+00	4.57E-01	2.53E-02	9.00E-01	0.00E+00	7.12E-09	3.53E-09	2.36E-04	6.21E-07	7.88E-02	0.00E+00	9.00E-01	5.33E-08	9.00E-01	9.80E-01	7.88E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
47442089	8.94E-04	8.43E-02	1.79E-02	6.65E-02	0.00E+00	0.00E+00	4.57E-01	9.20E-07	3.33E-04	6.56E-04	0.00E+00	-1.95E-03	8.00E-11	3.83E-09	2.92E-03	1.41E-01	0.00E+00	0.00E+00	3.78E-01	2.58E-02	6.87E-01	0.00E+00	5.46E-09	2.78E-09	1.91E-04	6.30E-07	6.47E-02	0.00E+00	6.87E-01	-5.92E-08	6.87E-01	7.52E-01	6.47E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
47446084	9.21E-04	8.55E-02	1.33E-02	7.29E-02	0.00E+00	0.00E+00	5.19E-01	1.01E-06	3.36E-04	7.42E-04	0.00E+00	-1.46E-03	9.55E-11	3.91E-09	3.84E-03	1.60E-01	0.00E+00	0.00E+00	4.21E-01	1.69E-02	7.83E-01	0.00E+00	6.79E-09	3.25E-09	1.98E-04	4.37E-07	7.46E-02	0.00E+00	7.83E-01	3.57E-08	7.83E-01	9.09E-01	7.46E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
47446086	9.16E-04	8.78E-02	1.30E-02	7.43E-02	0.00E+00	0.00E+00	5.43E-01	1.11E-06	3.49E-04	7.47E-04	0.00E+00	-1.44E-03	9.63E-11	3.99E-09	3.86E-03	1.63E-01	0.00E+00	0.00E+00	4.45E-01	1.60E-02	7.87E-01	0.00E+00	6.84E-09	3.26E-09	2.00E-04	4.20E-07	7.64E-02	0.00E+00	7.87E-01	5.46E-08	7.87E-01	9.14E-01	7.64E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
47446089	7.45E-04	8.57E-02	1.75E-02	7.06E-02	0.00E+00	0.00E+00	5.16E-01	1.00E-06	3.35E-04	6.96E-04	0.00E+00	-1.84E-03	4.59E-10	3.91E-09	3.32E-03	1.44E-01	0.00E+00	0.00E+00	4.04E-01	2.62E-02	7.14E-01	0.00E+00	5.76E-09	2.86E-09	1.91E-04	6.39E-07	7.00E-02	0.00E+00	7.14E-01	-5.64E-08	7.14E-01	7.92E-01	7.00E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
47448982	8.07E-04	8.46E-02	1.75E-02	6.96E-02	0.00E+00	0.00E+00	5.29E-01	1.03E-06	3.21E-04	7.09E-04	0.00E+00	-1.82E-03	1.85E-10	4.13E-09	3.31E-03	1.43E-01	0.00E+00	0.00E+00	3.93E-01	2.67E-02	7.26E-01	0.00E+00	5.90E-09	2.96E-09	1.99E-04	6.54E-07	7.44E-02	0.00E+00	7.26E-01	-5.20E-08	7.26E-01	8.10E-01	7.44E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
47448989	5.88E-04	7.67E-02	1.89E-02	5.77E-02	0.00E+00	0.00E+00	4.65E-01	9.51E-07	3.28E-04	5.91E-04	0.00E+00	-2.08E-03	8.11E-11	3.85E-09	3.07E-03	1.44E-01	0.00E+00	0.00E+00	3.87E-01	2.75E-02	7.10E-01	0.00E+00	5.60E-09	2.80E-09	1.79E-04	6.72E-07	6.62E-02	0.00E+00	7.10E-01	-6.17E-08	7.10E-01	7.76E-01	6.62E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
474520	5.10E-04	6.91E-02	1.86E-02	5.06E-02	0.00E+00	0.00E+00	4.08E-01	7.48E-07	3.10E-04	4.89E-04	0.00E+00	-2.08E-03	7.26E-11	3.63E-09	2.24E-03	1.15E-01	0.00E+00	0.00E+00	3.15E-01	2.74E-02	4.78E-01	0.00E+00	3.78E-09	1.96E-09	1.42E-04	6.68E-07	5.29E-02	0.00E+00	4.78E-01	-1.70E-07	4.78E-01	5.31E-01	5.29E-02	0.00E+00	0.00E+00	0.00E+00	1.14E+01
47452045	5.21E-04	6.25E-02	1.66E-02	4.59E-02	0.00E+00	0.00E+00	4.20E-01	8.05E-07	3.09E-04	4.67E-04	0.00E+00	-1.83E-03	7.42E-11	3.65E-09	2.52E-03	1.23E-01	0.00E+00	0.00E+00	3.35E-01	2.41E-02	5.51E-01	0.00E+00	4.34E-09	2.19E-09	1.42E-04	5.89E-07	5.70E-02	0.00E+00	5.51E-01	-1.04E-07	5.51E-01	6.08E-01	5.70E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
474521	5.09E-04	6.87E-02	1.83E-02	5.04E-02	0.00E+00	0.00E+00	4.08E-01	7.48E-07	3.10E-04	4.87E-04	0.00E+00	-2.04E-03	7.26E-11	3.63E-09	2.24E-03	1.15E-01	0.00E+00	0.00E+00	3.15E-01	2.69E-02	4.78E-01	0.00E+00	3.78E-09	1.96E-09	1.41E-04	6.57E-07	5.30E-02	0.00E+00	4.78E-01	-1.66E-07	4.78E-01	5.31E-01	5.30E-02	0.00E+00	0.00E+00	0.00E+00	1.14E+01
47461404	8.11E-04	8.42E-02	1.75E-02	6.94E-02	0.00E+00	0.00E+00	5.08E-01	1.02E-06	3.20E-04	7.02E-04	0.00E+00	-1.85E-03	1.01E-10	3.81E-09	3.34E-03	1.49E-01	0.00E+00	0.00E+00	4.13E-01	2.67E-02	7.19E-01	0.00E+00	5.91E-09	2.94E-09	1.90E-04	6.44E-07	7.07E-02	0.00E+00	7.19E-01	-6.73E-08	7.19E-01	8.04E-01	7.07E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
47461606	8.95E-04	8.48E-02	1.31E-02	7.13E-02	0.00E+00	0.00E+00	5.38E-01	1.04E-06	3.22E-04	7.39E-04	0.00E+00	-1.49E-03	1.06E-10	4.14E-09	3.82E-03	1.54E-01	0.00E+00	0.00E+00	4.05E-01	1.61E-02	7.91E-01	0.00E+00	6.76E-09	3.25E-09	2.05E-04	4.24E-07	7.70E-02	0.00E+00	7.91E-01	4.03E-08	7.91E-01	9.06E-01	7.70E-02	0.00E+00	0.00E+00	0.00E+00	1.51E+01
47461909	8.02E-04	8.87E-02	1.74E-02	7.09E-02	0.00E+00	0.00E+00	5.28E-01	1.03E-06	3.22E-04	7.13E-04	0.00E+00	-1.81E-03	1.63E-10	4.15E-09	3.37E-03	1.44E-01	0.00E+00	0.00E+00	3.96E-01	2.65E-02	7.44E-01	0.00E+00	6.01E-09	2.96E-09	2.00E-04	6.49E-07	7.46E-02	0.00E+00	7.44E-01	-4.05E-08	7.44E-01	8.30E-01	7.46E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
47466084	8.70E-04	9.18E-02	1.32E-02	7.78E-02	0.00E+00	0.00E+00	5.72E-01	1.17E-06	3.56E-04	7.81E-04	0.00E+00	-1.43E-03	1.01E-10	4.05E-09	3.91E-03	1.76E-01	0.00E+00	0.00E+00	4.61E-01	1.64E-02	8.81E-01	0.00E+00	7.21E-09	3.49E-09	2.33E-04	4.23E-07	7.97E-02	0.00E+00	8.81E-01	1.21E-07	8.81E-01	9.81E-01	7.97E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
47466086	8.77E-04	9.13E-02	1.30E-02	7.72E-02	0.00E+00	0.00E+00	5.69E-01	1.17E-06	3.51E-04	7.74E-04	0.00E+00	-1.42E-03	1.01E-10	4.02E-09	3.88E-03	1.74E-01	0.00E+00	0.00E+00	4.51E-01	1.60E-02	8.76E-01	0.00E+00	7.18E-09	3.47E-09	2.30E-04	4.09E-07	7.93E-02	0.00E+00	8.76E-01	1.18E-07	8.76E-01	9.78E-01	7.93E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
47466089	7.61E-04	9.25E-02	1.74E-02	7.60E-02	0.00E+00	0.00E+00	5.52E-01	1.09E-06	3.49E-04	7.50E-04	0.00E+00	-1.82E-03	4.60E-10	3.99E-09	3.49E-03	1.68E-01	0.00E+00	0.00E+00	4.39E-01	2.57E-02	8.43E-01	0.00E+00	6.69E-09	3.32E-09	2.28E-04	6.29E-07	7.63E-02	0.00E+00	8.43E-01	2.65E-08	8.43E-01	9.20E-01	7.63E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
47468982	7.73E-04	8.87E-02	2.18E-02	7.17E-02	0.00E+00	0.00E+00	5.26E-01	1.03E-06	3.22E-04	7.09E-04	0.00E+00	-2.50E-03	1.06E-10	4.15E-09	3.31E-03	1.41E-01	0.00E+00	0.00E+00	3.89E-01	3.16E-02	7.12E-01	0.00E+00	5.84E-09	2.93E-09	1.98E-04	8.21E-07	6.98E-02	0.00E+00	7.12E-01	-1.39E-07	7.12E-01	7.82E-01	6.98E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
47468989	7.23E-04	9.14E-02	2.15E-02	7.27E-02	0.00E+00	0.00E+00	5.28E-01	1.04E-06	3.22E-04	7.17E-04	0.00E+00	-2.50E-03	1.07E-10	4.23E-09	3.37E-03	1.42E-01	0.00E+00	0.00E+00	4.12E-01	3.13E-02	7.29E-01	0.00E+00	6.08E-09	2.99E-09	2.01E-04	8.06E-07	7.37E-02	0.00E+00	7.29E-01	-1.36E-07	7.29E-01	7.92E-01	7.37E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
47477103	7.57E-04	9.03E-02	1.75E-02	7.49E-02	0.00E+00	0.00E+00	5.43E-01	1.06E-06	3.40E-04	7.30E-04	0.00E+00	-1.85E-03	4.69E-10	4.04E-09	3.51E-03	1.57E-01	0.00E+00	0.00E+00	4.45E-01	2.66E-02	7.78E-01	0.00E+00	6.33E-09	3.11E-09	1.94E-04	6.49E-07	7.69E-02	0.00E+00	7.78E-01	-4.10E-08	7.78E-01	8.53E-01	7.69E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
47477104	7.61E-04	9.91E-02	1.74E-02	8.07E-02	0.00E+00	0.00E+00	6.34E-01	1.22E-06	3.46E-04	7.72E-04	0.00E+00	-1.85E-03	4.73E-10	4.32E-09	4.00E-03	1.68E-01	0.00E+00	0.00E+00	4.86E-01	2.65E-02	8.09E-01	0.00E+00	6.60E-09	3.20E-09	2.00E-04	6.45E-07	8.58E-02	0.00E+00	8.09E-01	-3.31E-08	8.09E-01	8.99E-01	8.58E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
47477106	8.59E-04	8.71E-02	1.48E-02	7.43E-02	0.00E+00	0.00E+00	5.22E-01	1.04E-06	3.38E-04	7.43E-04	0.00E+00	-1.70E-03	9.57E-11	3.91E-09	3.80E-03	1.61E-01	0.00E+00	0.00E+00	4.23E-01	2.25E-02	8.06E-01	0.00E+00	6.81E-09	3.24E-09	1.98E-04	5.36E-07	7.45E-02	0.00E+00	8.06E-01	4.42E-08	8.06E-01	9.10E-01	7.45E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
47477109	7.52E-04	8.94E-02	1.74E-02	7.33E-02	0.00E+00	0.00E+00	5.17E-01	1.04E-06	3.42E-04	7.14E-04	0.00E+00	-1.83E-03	4.87E-10	4.01E-09	3.40E-03	1.56E-01	0.00E+00	0.00E+00	4.37E-01	2.63E-02	7.58E-01	0.00E+00	6.26E-09	3.01E-09	1.94E-04	6.39E-07	7.43E-02	0.00E+00	7.58E-01	-3.89E-08	7.58E-01	8.30E-01	7.43E-02	0.00E+00	0.00E+00	0.00E+00	1.55E+01
47487103	7.34E-04	9.64E-02	1.74E-02	7.92E-02	0.00E+00	0.00E+00	5.58E-01	1.13E-06	3.54E-04	7.58E-04	0.00E+00	-1.84E-03	1.53E-10	4.11E-09	3.53E-03	1.63E-01	0.00E+00	0.00E+00	4.54E-01	2.58E-02	8.51E-01	0.00E+00	6.78E-09	3.27E-09	2.24E-04	6.34E-07	7.69E-02	0.00E+00	8.51E-01	2.28E-08	8.51E-01	9.18E-01	7.69E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
47487104	7.62E-04	1.01E-01	1.73E-02	8.37E-02	0.00E+00	0.00E+00	6.73E-01	1.38E-06	3.50E-04	8.21E-04	0.00E+00	-1.86E-03	1.58E-10	4.39E-09	4.06E-03	1.77E-01	0.00E+00	0.00E+00	4.96E-01	2.64E-02	9.21E-01	0.00E+00	7.31E-09	3.49E-09	2.32E-04	6.41E-07	8.70E-02	0.00E+00	9.21E-01	4.42E-08	9.21E-01	1.01E+00	8.70E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+01
47487106	8.51E-04	9.19E-02	1.49E-02	7.79E-02	0.00E+00	0.00E+00	5.60E-01	1.13E-06	3.45E-04	7.75E-04	0.00E+00	-1.80E-03	1.01E-10	3.99E-09	3.84E-03	1.71E-01	0.00E+00	0.00E+00	4.48E-01	2.37E-02	9.03E-01	0.00E+00	7.19E-09	3.51E-09	2.34E-04	5.68E-07	7.88E-02	0.00E+00	9.03E-01	7.09E-08	9.03E-01	9.84E-01	7.88E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
47487109	7.35E-04	9.63E-02	1.74E-02	7.78E-02	0.00E+00	0.00E+00	5.57E-01	1.13E-06	3.50E-04	7.70E-04	0.00E+00	-1.82E-03	4.51E-10	4.10E-09	3.57E-03	1.68E-01	0.00E+00	0.00E+00	4.54E-01	2.62E-02	8.91E-01	0.00E+00	7.09E-09	3.45E-09	2.35E-04	6.38E-07	7.84E-02	0.00E+00	8.91E-01	3.49E-08	8.91E-01	9.61E-01	7.84E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
47491404	6.83E-04	8.37E-02	2.10E-02	5.68E-02	0.00E+00	0.00E+00	5.31E-01	5.99E-07	2.20E-04	6.14E-04	0.00E+00	-2.14E-03	1.16E-10	1.80E-09	3.02E-03	6.24E-02	0.00E+00	0.00E+00	1.82E-01	5.84E-02	5.66E-01	0.00E+00	4.80E-09	1.98E-09	1.84E-04	7.80E-07	5.59E-02	0.00E+00	5.66E-01	-1.32E-07	5.66E-01	6.19E-01	5.59E-02	0.00E+00	0.00E+00	0.00E+00	9.38E+00
47491606	8.19E-04	8.06E-02	1.32E-02	6.70E-02	0.00E+00	0.00E+00	5.47E-01	1.02E-06	3.15E-04	6.92E-04	0.00E+00	-1.45E-03	1.01E-10	3.89E-09	3.73E-03	1.59E-01	0.00E+00	0.00E+00	4.28E-01	1.71E-02	7.27E-01	0.00E+00	6.57E-09	3.09E-09	1.86E-04	4.29E-07	7.49E-02	0.00E+00	7.27E-01	6.14E-09	7.27E-01	8.76E-01	7.49E-02	0.00E+00	0.00E+00	0.00E+00	1.51E+01
47491909	6.09E-04	8.04E-02	1.73E-02	6.29E-02	0.00E+00	0.00E+00	5.36E-01	1.01E-06	3.15E-04	6.08E-04	0.00E+00	-1.76E-03	1.01E-10	3.89E-09	3.23E-03	1.46E-01	0.00E+00	0.00E+00	4.16E-01	2.41E-02	6.84E-01	0.00E+00	5.42E-09	2.66E-09	1.77E-04	5.89E-07	7.15E-02	0.00E+00	6.84E-01	-6.56E-08	6.84E-01	7.72E-01	7.15E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
47496084	7.74E-04	8.47E-02	2.26E-02	6.21E-02	0.00E+00	0.00E+00	5.44E-01	9.71E-07	3.40E-04	5.98E-04	0.00E+00	-2.49E-03	1.01E-10	4.09E-09	3.15E-03	1.46E-01	0.00E+00	0.00E+00	4.12E-01	3.34E-02	6.68E-01	0.00E+00	5.41E-09	2.60E-09	1.77E-04	8.06E-07	7.24E-02	0.00E+00	6.68E-01	-1.79E-07	6.68E-01	7.38E-01	7.24E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
47496086	7.38E-04	8.50E-02	2.23E-02	6.15E-02	0.00E+00	0.00E+00	5.46E-01	1.03E-06	3.41E-04	5.96E-04	0.00E+00	-2.49E-03	1.01E-10	4.12E-09	3.04E-03	1.44E-01	0.00E+00	0.00E+00	4.16E-01	3.29E-02	6.59E-01	0.00E+00	5.21E-09	2.53E-09	1.78E-04	8.03E-07	7.09E-02	0.00E+00	6.59E-01	-1.83E-07	6.59E-01	7.10E-01	7.09E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
47496089	5.69E-04	8.69E-02	2.24E-02	6.45E-02	0.00E+00	0.00E+00	5.15E-01	9.64E-07	3.29E-04	6.17E-04	0.00E+00	-2.51E-03	9.07E-11	3.97E-09	2.89E-03	1.38E-01	0.00E+00	0.00E+00	3.91E-01	3.31E-02	6.19E-01	0.00E+00	4.88E-09	2.46E-09	1.76E-04	8.07E-07	6.57E-02	0.00E+00	6.19E-01	-1.84E-07	6.19E-01	6.85E-01	6.57E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
47498982	5.76E-04	8.54E-02	2.26E-02	6.32E-02	0.00E+00	0.00E+00	5.17E-01	9.73E-07	3.27E-04	5.94E-04	0.00E+00	-2.52E-03	1.01E-10	3.98E-09	2.94E-03	1.39E-01	0.00E+00	0.00E+00	3.95E-01	3.35E-02	6.50E-01	0.00E+00	4.96E-09	2.48E-09	1.73E-04	8.19E-07	6.61E-02	0.00E+00	6.50E-01	-1.84E-07	6.50E-01	6.95E-01	6.61E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
47498989	5.68E-04	7.81E-02	2.19E-02	5.62E-02	0.00E+00	0.00E+00	5.22E-01	1.01E-06	3.25E-04	5.63E-04	0.00E+00	-2.43E-03	9.15E-11	3.99E-09	3.09E-03	1.43E-01	0.00E+00	0.00E+00	4.05E-01	3.21E-02	6.66E-01	0.00E+00	5.21E-09	2.58E-09	1.67E-04	7.83E-07	6.83E-02	0.00E+00	6.66E-01	-1.49E-07	6.66E-01	7.34E-01	6.83E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
47501404	8.27E-04	8.02E-02	1.70E-02	6.01E-02	0.00E+00	0.00E+00	5.37E-01	1.04E-06	3.16E-04	6.28E-04	0.00E+00	-1.75E-03	1.15E-10	4.23E-09	3.25E-03	1.44E-01	0.00E+00	0.00E+00	3.95E-01	2.40E-02	6.97E-01	0.00E+00	5.46E-09	2.68E-09	1.86E-04	5.76E-07	7.45E-02	0.00E+00	6.97E-01	-7.60E-08	6.97E-01	7.76E-01	7.45E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
47501606	8.24E-04	8.00E-02	1.34E-02	6.24E-02	0.00E+00	0.00E+00	5.22E-01	1.04E-06	3.17E-04	6.81E-04	0.00E+00	-1.50E-03	1.00E-10	4.24E-09	3.64E-03	1.54E-01	0.00E+00	0.00E+00	3.94E-01	1.69E-02	7.25E-01	0.00E+00	6.40E-09	3.04E-09	1.92E-04	4.30E-07	7.49E-02	0.00E+00	7.25E-01	2.46E-09	7.25E-01	8.53E-01	7.49E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
47501902	8.45E-04	8.10E-02	1.34E-02	6.33E-02	0.00E+00	0.00E+00	5.29E-01	1.04E-06	3.16E-04	6.90E-04	0.00E+00	-1.52E-03	1.06E-10	4.24E-09	3.82E-03	1.54E-01	0.00E+00	0.00E+00	4.03E-01	1.84E-02	7.42E-01	0.00E+00	6.60E-09	3.07E-09	1.96E-04	4.77E-07	7.56E-02	0.00E+00	7.42E-01	3.95E-09	7.42E-01	8.77E-01	7.56E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
47501903	5.82E-04	8.05E-02	2.26E-02	5.18E-02	0.00E+00	0.00E+00	4.48E-01	5.42E-07	2.23E-04	5.90E-04	0.00E+00	-2.38E-03	8.97E-10	1.71E-09	2.88E-03	7.10E-02	0.00E+00	0.00E+00	2.80E-01	7.48E-02	5.45E-01	0.00E+00	4.61E-09	2.03E-09	1.79E-04	9.71E-07	5.98E-02	0.00E+00	5.45E-01	-1.20E-07	5.45E-01	6.00E-01	5.98E-02	0.00E+00	0.00E+00	0.00E+00	1.23E+01
47501907	8.45E-04	7.92E-02	1.34E-02	6.23E-02	0.00E+00	0.00E+00	5.28E-01	1.04E-06	3.17E-04	6.93E-04	0.00E+00	-1.52E-03	1.23E-10	4.26E-09	3.82E-03	1.54E-01	0.00E+00	0.00E+00	4.02E-01	1.84E-02	7.40E-01	0.00E+00	6.62E-09	3.07E-09	1.97E-04	4.77E-07	7.54E-02	0.00E+00	7.40E-01	4.94E-09	7.40E-01	8.75E-01	7.54E-02	0.00E+00	0.00E+00	0.00E+00	1.51E+01
47501909	6.87E-04	7.99E-02	1.70E-02	5.94E-02	0.00E+00	0.00E+00	5.20E-01	1.04E-06	3.16E-04	6.25E-04	0.00E+00	-1.74E-03	1.09E-10	4.23E-09	3.15E-03	1.42E-01	0.00E+00	0.00E+00	3.88E-01	2.39E-02	6.85E-01	0.00E+00	5.32E-09	2.65E-09	1.84E-04	5.80E-07	7.25E-02	0.00E+00	6.85E-01	-6.63E-08	6.85E-01	7.60E-01	7.25E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
47501913	6.68E-04	8.32E-02	2.26E-02	5.63E-02	0.00E+00	0.00E+00	4.91E-01	5.08E-07	2.23E-04	6.12E-04	0.00E+00	-2.40E-03	8.98E-10	1.69E-09	2.97E-03	7.27E-02	0.00E+00	0.00E+00	1.94E-01	7.47E-02	5.67E-01	0.00E+00	4.89E-09	2.05E-09	1.83E-04	9.67E-07	5.87E-02	0.00E+00	5.67E-01	-1.13E-07	5.67E-01	6.32E-01	5.87E-02	0.00E+00	0.00E+00	0.00E+00	9.40E+00
47501914	8.39E-04	7.62E-02	1.39E-02	6.40E-02	0.00E+00	0.00E+00	5.01E-01	9.94E-07	3.12E-04	6.53E-04	0.00E+00	-1.45E-03	1.12E-10	3.83E-09	3.52E-03	1.55E-01	0.00E+00	0.00E+00	4.07E-01	1.88E-02	7.13E-01	0.00E+00	6.28E-09	2.94E-09	1.82E-04	4.50E-07	6.99E-02	0.00E+00	7.13E-01	-1.15E-10	7.13E-01	8.37E-01	6.99E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
47501915	7.19E-04	8.06E-02	1.96E-02	5.47E-02	0.00E+00	0.00E+00	4.48E-01	5.40E-07	2.24E-04	6.35E-04	0.00E+00	-2.19E-03	8.94E-10	1.68E-09	3.25E-03	7.49E-02	0.00E+00	0.00E+00	2.81E-01	7.25E-02	5.78E-01	0.00E+00	5.28E-09	2.25E-09	1.84E-04	8.96E-07	6.14E-02	0.00E+00	5.78E-01	-4.59E-08	5.78E-01	6.67E-01	6.14E-02	0.00E+00	0.00E+00	0.00E+00	1.23E+01
47501924	5.67E-04	7.71E-02	2.10E-02	5.27E-02	0.00E+00	0.00E+00	4.32E-01	5.30E-07	2.29E-04	5.98E-04	0.00E+00	-2.24E-03	8.97E-10	1.65E-09	3.00E-03	7.98E-02	0.00E+00	0.00E+00	2.92E-01	7.36E-02	5.76E-01	0.00E+00	5.05E-09	2.15E-09	1.85E-04	9.34E-07	6.04E-02	0.00E+00	5.76E-01	-1.20E-07	5.76E-01	6.29E-01	6.04E-02	0.00E+00	0.00E+00	0.00E+00	1.26E+01
47506002	6.15E-04	8.58E-02	2.32E-02	6.23E-02	0.00E+00	0.00E+00	5.07E-01	9.50E-07	3.20E-04	5.88E-04	0.00E+00	-2.53E-03	1.00E-10	3.92E-09	2.85E-03	1.36E-01	0.00E+00	0.00E+00	3.84E-01	3.54E-02	6.48E-01	0.00E+00	4.75E-09	2.38E-09	1.74E-04	8.38E-07	6.48E-02	0.00E+00	6.48E-01	-1.99E-07	6.48E-01	6.68E-01	6.48E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
47506003	6.15E-04	8.58E-02	2.32E-02	6.25E-02	0.00E+00	0.00E+00	5.07E-01	9.52E-07	3.20E-04	5.89E-04	0.00E+00	-2.52E-03	1.18E-10	3.92E-09	2.85E-03	1.36E-01	0.00E+00	0.00E+00	3.84E-01	3.54E-02	6.49E-01	0.00E+00	4.78E-09	2.38E-09	1.74E-04	8.38E-07	6.50E-02	0.00E+00	6.49E-01	-1.93E-07	6.49E-01	6.71E-01	6.50E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
47506007	6.15E-04	8.58E-02	2.32E-02	6.26E-02	0.00E+00	0.00E+00	5.07E-01	9.51E-07	3.19E-04	5.89E-04	0.00E+00	-2.52E-03	1.18E-10	3.93E-09	2.85E-03	1.36E-01	0.00E+00	0.00E+00	3.85E-01	3.54E-02	6.49E-01	0.00E+00	4.77E-09	2.39E-09	1.74E-04	8.38E-07	6.50E-02	0.00E+00	6.49E-01	-1.93E-07	6.49E-01	6.70E-01	6.50E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
47506013	6.23E-04	8.63E-02	2.27E-02	6.37E-02	0.00E+00	0.00E+00	5.08E-01	9.49E-07	3.20E-04	5.93E-04	0.00E+00	-2.51E-03	1.18E-10	3.93E-09	2.85E-03	1.37E-01	0.00E+00	0.00E+00	3.85E-01	3.38E-02	6.49E-01	0.00E+00	4.76E-09	2.38E-09	1.75E-04	8.22E-07	6.50E-02	0.00E+00	6.49E-01	-1.87E-07	6.49E-01	6.70E-01	6.50E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
47506014	6.15E-04	8.58E-02	2.32E-02	6.25E-02	0.00E+00	0.00E+00	5.07E-01	9.52E-07	3.20E-04	5.89E-04	0.00E+00	-2.52E-03	1.18E-10	3.92E-09	2.85E-03	1.36E-01	0.00E+00	0.00E+00	3.84E-01	3.54E-02	6.49E-01	0.00E+00	4.78E-09	2.38E-09	1.74E-04	8.38E-07	6.50E-02	0.00E+00	6.49E-01	-1.93E-07	6.49E-01	6.71E-01	6.50E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
47506015	5.55E-04	8.58E-02	2.32E-02	6.23E-02	0.00E+00	0.00E+00	5.07E-01	9.52E-07	3.18E-04	5.88E-04	0.00E+00	-2.53E-03	1.00E-10	3.88E-09	2.85E-03	1.36E-01	0.00E+00	0.00E+00	3.85E-01	3.54E-02	6.48E-01	0.00E+00	4.74E-09	2.38E-09	1.73E-04	8.38E-07	6.49E-02	0.00E+00	6.48E-01	-1.99E-07	6.48E-01	6.68E-01	6.49E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
47506084	7.88E-04	8.59E-02	2.31E-02	6.33E-02	0.00E+00	0.00E+00	5.15E-01	9.54E-07	3.20E-04	6.06E-04	0.00E+00	-2.53E-03	1.00E-10	3.93E-09	3.02E-03	1.39E-01	0.00E+00	0.00E+00	3.90E-01	3.54E-02	6.51E-01	0.00E+00	4.99E-09	2.47E-09	1.75E-04	8.36E-07	6.66E-02	0.00E+00	6.51E-01	-1.94E-07	6.51E-01	7.00E-01	6.66E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01

47506086	7.14E-04	8.66E-02	2.26E-02	6.32E-02	0.00E+00	0.00E+00	5.41E-01	1.02E-06	3.33E-04	6.12E-04	0.00E+00	-2.53E-03	1.01E-10	4.06E-09	2.96E-03	1.45E-01	0.00E+00	0.00E+00	4.11E-01	3.37E-02	6.51E-01	0.00E+00	4.91E-09	2.45E-09	1.78E-04	8.18E-07	6.89E-02	0.00E+00	6.51E-01	-1.91E-07	6.51E-01	6.82E-01	6.89E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
47506089	5.48E-04	8.32E-02	2.29E-02	6.02E-02	0.00E+00	0.00E+00	5.07E-01	9.53E-07	3.18E-04	5.80E-04	0.00E+00	-2.58E-03	8.90E-11	3.87E-09	2.82E-03	1.34E-01	0.00E+00	0.00E+00	3.83E-01	3.40E-02	6.00E-01	0.00E+00	4.70E-09	2.36E-09	1.66E-04	8.29E-07	6.41E-02	0.00E+00	6.00E-01	-1.95E-07	6.00E-01	6.64E-01	6.41E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
47508902	7.12E-04	8.59E-02	2.27E-02	6.36E-02	0.00E+00	0.00E+00	5.23E-01	1.01E-06	3.24E-04	6.05E-04	0.00E+00	-2.85E-03	1.04E-10	4.39E-09	3.03E-03	1.50E-01	0.00E+00	0.00E+00	4.03E-01	3.34E-02	6.77E-01	0.00E+00	5.28E-09	2.61E-09	1.86E-04	8.47E-07	7.23E-02	0.00E+00	6.77E-01	-1.81E-07	6.77E-01	7.32E-01	7.23E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
47508903	6.91E-04	8.75E-02	2.27E-02	6.53E-02	0.00E+00	0.00E+00	5.18E-01	1.01E-06	3.17E-04	6.18E-04	0.00E+00	-2.87E-03	1.21E-10	4.28E-09	2.96E-03	1.50E-01	0.00E+00	0.00E+00	3.96E-01	3.31E-02	6.64E-01	0.00E+00	5.04E-09	2.52E-09	1.86E-04	8.53E-07	7.07E-02	0.00E+00	6.64E-01	-1.75E-07	6.64E-01	7.05E-01	7.07E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
47508907	6.30E-04	7.83E-02	2.15E-02	5.92E-02	0.00E+00	0.00E+00	5.09E-01	1.00E-06	3.13E-04	5.95E-04	0.00E+00	-2.86E-03	1.15E-10	4.21E-09	2.86E-03	1.37E-01	0.00E+00	0.00E+00	3.73E-01	3.17E-02	6.48E-01	0.00E+00	4.90E-09	2.44E-09	1.75E-04	7.92E-07	6.75E-02	0.00E+00	6.48E-01	-1.78E-07	6.48E-01	6.95E-01	6.75E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
47508913	5.50E-04	8.59E-02	2.67E-02	5.69E-02	0.00E+00	0.00E+00	4.77E-01	4.90E-07	2.21E-04	5.99E-04	0.00E+00	-3.20E-03	8.95E-10	1.65E-09	2.70E-03	7.07E-02	0.00E+00	0.00E+00	2.02E-01	6.87E-02	5.32E-01	0.00E+00	4.45E-09	1.95E-09	1.80E-04	1.09E-06	5.52E-02	0.00E+00	5.32E-01	-1.83E-07	5.32E-01	5.60E-01	5.52E-02	0.00E+00	0.00E+00	0.00E+00	9.04E+00
47508914	5.52E-04	8.70E-02	2.68E-02	5.95E-02	0.00E+00	0.00E+00	4.78E-01	4.87E-07	2.21E-04	5.99E-04	0.00E+00	-3.19E-03	8.95E-10	1.66E-09	2.71E-03	7.09E-02	0.00E+00	0.00E+00	1.86E-01	6.86E-02	5.37E-01	0.00E+00	4.50E-09	1.96E-09	1.81E-04	1.09E-06	5.37E-02	0.00E+00	5.37E-01	-1.83E-07	5.37E-01	5.66E-01	5.37E-02	0.00E+00	0.00E+00	0.00E+00	8.82E+00
47508915	5.51E-04	8.71E-02	2.68E-02	5.91E-02	0.00E+00	0.00E+00	4.77E-01	4.87E-07	2.21E-04	5.96E-04	0.00E+00	-3.22E-03	8.93E-10	1.66E-09	2.70E-03	7.10E-02	0.00E+00	0.00E+00	2.02E-01	6.87E-02	5.34E-01	0.00E+00	4.43E-09	1.95E-09	1.81E-04	1.09E-06	5.52E-02	0.00E+00	5.34E-01	-1.92E-07	5.34E-01	5.57E-01	5.52E-02	0.00E+00	0.00E+00	0.00E+00	9.04E+00
47508924	5.63E-04	9.06E-02	2.10E-02	6.39E-02	0.00E+00	0.00E+00	4.99E-01	5.04E-07	2.40E-04	6.49E-04	0.00E+00	-2.29E-03	8.99E-10	1.67E-09	3.12E-03	1.04E-01	0.00E+00	0.00E+00	2.18E-01	7.40E-02	6.62E-01	0.00E+00	6.06E-09	2.50E-09	2.06E-04	9.34E-07	6.11E-02	0.00E+00	6.62E-01	-9.73E-08	6.62E-01	7.17E-01	6.11E-02	0.00E+00	0.00E+00	0.00E+00	9.76E+00
47508982	6.32E-04	8.64E-02	2.30E-02	6.39E-02	0.00E+00	0.00E+00	5.16E-01	1.01E-06	3.13E-04	6.15E-04	0.00E+00	-2.90E-03	1.03E-10	4.23E-09	2.93E-03	1.39E-01	0.00E+00	0.00E+00	3.85E-01	3.50E-02	6.61E-01	0.00E+00	4.95E-09	2.48E-09	1.84E-04	8.71E-07	6.80E-02	0.00E+00	6.61E-01	-1.90E-07	6.61E-01	6.98E-01	6.80E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
47508989	5.46E-04	7.62E-02	2.24E-02	5.38E-02	0.00E+00	0.00E+00	5.12E-01	9.78E-07	3.15E-04	5.37E-04	0.00E+00	-2.50E-03	8.96E-11	3.87E-09	2.98E-03	1.38E-01	0.00E+00	0.00E+00	3.93E-01	3.30E-02	6.34E-01	0.00E+00	4.95E-09	2.44E-09	1.59E-04	8.05E-07	6.59E-02	0.00E+00	6.34E-01	-1.69E-07	6.34E-01	6.99E-01	6.59E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
47511909	9.59E-04	8.75E-02	1.49E-02	7.27E-02	0.00E+00	0.00E+00	5.58E-01	1.18E-06	3.33E-04	7.44E-04	0.00E+00	-1.54E-03	9.56E-11	3.94E-09	3.67E-03	1.66E-01	0.00E+00	0.00E+00	4.61E-01	2.03E-02	8.81E-01	0.00E+00	6.90E-09	3.45E-09	2.21E-04	4.98E-07	7.96E-02	0.00E+00	8.81E-01	6.84E-08	8.81E-01	9.61E-01	7.96E-02	0.00E+00	0.00E+00	0.00E+00	1.67E+01
47512045	6.58E-04	9.27E-02	1.58E-02	7.69E-02	0.00E+00	0.00E+00	5.69E-01	1.19E-06	3.43E-04	7.73E-04	0.00E+00	-1.65E-03	9.80E-11	4.07E-09	3.71E-03	1.69E-01	0.00E+00	0.00E+00	4.66E-01	2.17E-02	8.83E-01	0.00E+00	6.94E-09	3.48E-09	2.27E-04	5.33E-07	8.06E-02	0.00E+00	8.83E-01	4.70E-08	8.83E-01	9.63E-01	8.06E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
47512089	6.58E-04	9.27E-02	1.58E-02	7.69E-02	0.00E+00	0.00E+00	5.69E-01	1.19E-06	3.43E-04	7.73E-04	0.00E+00	-1.65E-03	9.80E-11	4.07E-09	3.71E-03	1.69E-01	0.00E+00	0.00E+00	4.66E-01	2.17E-02	8.83E-01	0.00E+00	6.94E-09	3.48E-09	2.27E-04	5.33E-07	8.06E-02	0.00E+00	8.83E-01	4.70E-08	8.83E-01	9.63E-01	8.06E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
47516039	7.23E-04	9.54E-02	1.69E-02	8.05E-02	0.00E+00	0.00E+00	5.90E-01	1.23E-06	3.46E-04	8.12E-04	0.00E+00	-1.75E-03	1.15E-10	4.16E-09	4.24E-03	1.82E-01	0.00E+00	0.00E+00	4.98E-01	2.10E-02	1.01E+00	0.00E+00	7.91E-09	3.82E-09	2.43E-04	5.65E-07	8.66E-02	0.00E+00	1.01E+00	6.67E-08	1.01E+00	1.10E+00	8.66E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
47516059	7.25E-04	9.56E-02	1.69E-02	8.11E-02	0.00E+00	0.00E+00	5.88E-01	1.23E-06	3.45E-04	8.18E-04	0.00E+00	-1.75E-03	9.75E-11	4.15E-09	4.23E-03	1.82E-01	0.00E+00	0.00E+00	4.96E-01	2.10E-02	1.01E+00	0.00E+00	7.90E-09	3.81E-09	2.43E-04	5.67E-07	8.65E-02	0.00E+00	1.01E+00	6.77E-08	1.01E+00	1.10E+00	8.65E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
47516064	8.50E-04	9.51E-02	1.28E-02	8.10E-02	0.00E+00	0.00E+00	5.84E-01	1.26E-06	3.44E-04	8.23E-04	0.00E+00	-1.42E-03	9.70E-11	4.11E-09	4.51E-03	1.89E-01	0.00E+00	0.00E+00	4.99E-01	1.53E-02	9.81E-01	0.00E+00	7.83E-09	3.87E-09	2.44E-04	3.80E-07	8.65E-02	0.00E+00	9.81E-01	1.57E-07	9.81E-01	1.08E+00	8.65E-02	0.00E+00	0.00E+00	0.00E+00	1.80E+01
47516066	7.04E-04	9.50E-02	1.15E-02	8.35E-02	0.00E+00	0.00E+00	5.88E-01	1.25E-06	3.51E-04	8.65E-04	0.00E+00	-1.09E-03	1.01E-10	4.09E-09	4.44E-03	1.87E-01	0.00E+00	0.00E+00	5.03E-01	1.43E-02	1.04E+00	0.00E+00	8.30E-09	4.01E-09	2.56E-04	3.56E-07	8.91E-02	0.00E+00	1.04E+00	1.72E-07	1.04E+00	1.13E+00	8.91E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
47516069	6.58E-04	8.62E-02	1.68E-02	6.94E-02	0.00E+00	0.00E+00	5.69E-01	1.22E-06	3.40E-04	7.24E-04	0.00E+00	-1.77E-03	9.75E-11	4.07E-09	3.89E-03	1.73E-01	0.00E+00	0.00E+00	4.77E-01	2.34E-02	9.27E-01	0.00E+00	7.26E-09	3.59E-09	2.20E-04	5.73E-07	8.23E-02	0.00E+00	9.27E-01	6.05E-08	9.27E-01	1.01E+00	8.23E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
47516072	6.99E-04	9.00E-02	1.49E-02	7.35E-02	0.00E+00	0.00E+00	5.39E-01	1.11E-06	3.39E-04	7.18E-04	0.00E+00	-1.54E-03	9.71E-11	3.99E-09	3.58E-03	1.61E-01	0.00E+00	0.00E+00	4.69E-01	1.96E-02	7.65E-01	0.00E+00	6.35E-09	3.08E-09	2.00E-04	5.08E-07	7.92E-02	0.00E+00	7.65E-01	-3.29E-08	7.65E-01	8.52E-01	7.92E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
47516074	8.55E-04	9.56E-02	1.29E-02	8.10E-02	0.00E+00	0.00E+00	5.85E-01	1.25E-06	3.46E-04	8.22E-04	0.00E+00	-1.42E-03	9.70E-11	4.10E-09	4.48E-03	1.88E-01	0.00E+00	0.00E+00	5.00E-01	1.60E-02	9.80E-01	0.00E+00	7.85E-09	3.90E-09	2.44E-04	3.87E-07	8.63E-02	0.00E+00	9.80E-01	1.55E-07	9.80E-01	1.08E+00	8.63E-02	0.00E+00	0.00E+00	0.00E+00	1.79E+01
47516076	8.25E-04	9.61E-02	1.26E-02	8.17E-02	0.00E+00	0.00E+00	5.95E-01	1.25E-06	3.47E-04	8.26E-04	0.00E+00	-1.40E-03	9.72E-11	4.13E-09	4.49E-03	1.90E-01	0.00E+00	0.00E+00	5.02E-01	1.55E-02	1.01E+00	0.00E+00	8.07E-09	3.97E-09	2.45E-04	3.70E-07	8.76E-02	0.00E+00	1.01E+00	1.56E-07	1.01E+00	1.11E+00	8.76E-02	0.00E+00	0.00E+00	0.00E+00	1.81E+01
47516079	7.22E-04	9.57E-02	1.70E-02	8.02E-02	0.00E+00	0.00E+00	5.81E-01	1.23E-06	3.45E-04	8.04E-04	0.00E+00	-1.75E-03	9.70E-11	4.09E-09	4.11E-03	1.79E-01	0.00E+00	0.00E+00	4.87E-01	2.20E-02	9.61E-01	0.00E+00	7.59E-09	3.73E-09	2.42E-04	5.84E-07	8.34E-02	0.00E+00	9.61E-01	5.94E-08	9.61E-01	1.05E+00	8.34E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
47516084	1.07E-03	1.01E-01	1.17E-02	8.91E-02	0.00E+00	0.00E+00	6.05E-01	1.28E-06	3.57E-04	9.28E-04	0.00E+00	-1.09E-03	1.05E-10	4.13E-09	4.88E-03	1.96E-01	0.00E+00	0.00E+00	5.23E-01	1.44E-02	1.12E+00	0.00E+00	8.98E-09	4.25E-09	2.72E-04	3.57E-07	9.35E-02	0.00E+00	1.12E+00	1.91E-07	1.12E+00	1.21E+00	9.35E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
47516086	7.01E-04	8.76E-02	1.16E-02	7.61E-02	0.00E+00	0.00E+00	5.99E-01	1.29E-06	3.48E-04	8.14E-04	0.00E+00	-1.09E-03	1.03E-10	4.11E-09	4.65E-03	1.91E-01	0.00E+00	0.00E+00	5.17E-01	1.44E-02	1.08E+00	0.00E+00	8.58E-09	4.10E-09	2.47E-04	3.57E-07	9.16E-02	0.00E+00	1.08E+00	1.91E-07	1.08E+00	1.18E+00	9.16E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
47516089	9.98E-04	9.72E-02	1.72E-02	8.00E-02	0.00E+00	0.00E+00	5.74E-01	1.21E-06	3.46E-04	8.04E-04	0.00E+00	-1.81E-03	9.86E-11	4.08E-09	3.82E-03	1.73E-01	0.00E+00	0.00E+00	4.76E-01	2.39E-02	9.18E-01	0.00E+00	7.23E-09	3.61E-09	2.36E-04	5.87E-07	8.21E-02	0.00E+00	9.18E-01	4.59E-08	9.18E-01	1.00E+00	8.21E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
47517103	7.55E-04	1.03E-01	1.70E-02	8.76E-02	0.00E+00	0.00E+00	6.37E-01	1.31E-06	3.51E-04	8.94E-04	0.00E+00	-1.71E-03	1.01E-10	4.18E-09	4.68E-03	1.92E-01	0.00E+00	0.00E+00	5.29E-01	2.18E-02	1.06E+00	0.00E+00	8.30E-09	4.16E-09	2.56E-04	5.58E-07	9.02E-02	0.00E+00	1.06E+00	1.25E-07	1.06E+00	1.16E+00	9.02E-02	0.00E+00	0.00E+00	0.00E+00	1.87E+01
47517104	7.69E-04	1.16E-01	1.73E-02	9.91E-02	0.00E+00	0.00E+00	8.56E-01	1.79E-06	3.64E-04	1.00E-03	0.00E+00	-1.71E-03	1.45E-10	4.69E-09	5.37E-03	2.25E-01	0.00E+00	0.00E+00	6.68E-01	2.25E-02	1.25E+00	0.00E+00	9.68E-09	4.71E-09	2.93E-04	5.56E-07	1.15E-01	0.00E+00	1.25E+00	1.43E-07	1.25E+00	1.36E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
47517106	6.85E-04	9.96E-02	1.73E-02	8.24E-02	0.00E+00	0.00E+00	5.88E-01	1.25E-06	3.48E-04	8.31E-04	0.00E+00	-1.81E-03	1.01E-10	4.12E-09	3.96E-03	1.78E-01	0.00E+00	0.00E+00	4.89E-01	2.39E-02	9.57E-01	0.00E+00	7.53E-09	3.76E-09	2.44E-04	5.87E-07	8.45E-02	0.00E+00	9.57E-01	6.34E-08	9.57E-01	1.04E+00	8.45E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
47517109	6.85E-04	9.96E-02	1.73E-02	8.24E-02	0.00E+00	0.00E+00	5.88E-01	1.25E-06	3.48E-04	8.31E-04	0.00E+00	-1.81E-03	1.01E-10	4.12E-09	3.96E-03	1.78E-01	0.00E+00	0.00E+00	4.89E-01	2.39E-02	9.57E-01	0.00E+00	7.53E-09	3.76E-09	2.44E-04	5.87E-07	8.45E-02	0.00E+00	9.57E-01	6.34E-08	9.57E-01	1.04E+00	8.45E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
47517203	7.55E-04	1.03E-01	1.70E-02	8.76E-02	0.00E+00	0.00E+00	6.35E-01	1.31E-06	3.51E-04	8.94E-04	0.00E+00	-1.71E-03	1.01E-10	4.18E-09	4.68E-03	1.92E-01	0.00E+00	0.00E+00	5.29E-01	2.18E-02	1.06E+00	0.00E+00	8.31E-09	4.16E-09	2.56E-04	5.58E-07	9.03E-02	0.00E+00	1.06E+00	1.29E-07	1.06E+00	1.16E+00	9.03E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01
47517204	7.72E-04	1.17E-01	1.73E-02	9.96E-02	0.00E+00	0.00E+00	8.57E-01	1.80E-06	3.65E-04	1.01E-03	0.00E+00	-1.71E-03	1.45E-10	4.69E-09	5.40E-03	2.26E-01	0.00E+00	0.00E+00	6.71E-01	2.25E-02	1.26E+00	0.00E+00	9.75E-09	4.74E-09	2.95E-04	5.56E-07	1.16E-01	0.00E+00	1.26E+00	1.47E-07	1.26E+00	1.37E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.41E+01
47517206	6.88E-04	1.00E-01	1.73E-02	8.29E-02	0.00E+00	0.00E+00	5.89E-01	1.26E-06	3.49E-04	8.36E-04	0.00E+00	-1.81E-03	1.01E-10	4.12E-09	3.98E-03	1.79E-01	0.00E+00	0.00E+00	4.91E-01	2.39E-02	9.65E-01	0.00E+00	7.59E-09	3.79E-09	2.46E-04	5.87E-07	8.49E-02	0.00E+00	9.65E-01	6.75E-08	9.65E-01	1.05E+00	8.49E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
47517209	6.88E-04	1.00E-01	1.73E-02	8.29E-02	0.00E+00	0.00E+00	5.89E-01	1.26E-06	3.49E-04	8.36E-04	0.00E+00	-1.81E-03	1.01E-10	4.12E-09	3.98E-03	1.79E-01	0.00E+00	0.00E+00	4.91E-01	2.39E-02	9.65E-01	0.00E+00	7.59E-09	3.79E-09	2.46E-04	5.87E-07	8.49E-02	0.00E+00	9.65E-01	6.75E-08	9.65E-01	1.05E+00	8.49E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
47517214	8.18E-04	1.24E-01	1.68E-02	1.05E-01	0.00E+00	0.00E+00	6.66E-01	1.34E-06	4.24E-04	1.08E-03	0.00E+00	-1.74E-03	1.17E-10	4.24E-09	6.33E-03	2.11E-01	0.00E+00	0.00E+00	5.67E-01	2.20E-02	1.30E+00	0.00E+00	1.06E-08	4.84E-09	3.25E-04	5.60E-07	9.62E-02	0.00E+00	1.30E+00	1.40E-07	1.30E+00	1.40E+00	9.62E-02	0.00E+00	0.00E+00	0.00E+00	1.95E+01
47518982	7.97E-04	8.44E-02	1.71E-02	7.09E-02	0.00E+00	0.00E+00	5.38E-01	1.14E-06	3.27E-04	7.10E-04	0.00E+00	-1.63E-03	9.67E-11	3.94E-09	3.59E-03	1.54E-01	2.23E-07	0.00E+00	4.39E-01	2.26E-02	8.75E-01	0.00E+00	7.33E-09	3.40E-09	1.88E-04	6.10E-07	7.53E-02	0.00E+00	8.75E-01	-6.33E-08	8.75E-01	1.00E+00	7.53E-02	0.00E+00	0.00E+00	0.00E+00	1.59E+01
47518989	6.43E-04	8.75E-02	1.49E-02	7.27E-02	0.00E+00	0.00E+00	5.58E-01	1.18E-06	3.33E-04	7.44E-04	0.00E+00	-1.54E-03	9.56E-11	3.95E-09	3.67E-03	1.66E-01	0.00E+00	0.00E+00	4.61E-01	2.03E-02	8.81E-01	0.00E+00	6.90E-09	3.45E-09	2.21E-04	4.98E-07	7.96E-02	0.00E+00	8.81E-01	6.84E-08	8.81E-01	9.61E-01	7.96E-02	0.00E+00	0.00E+00	0.00E+00	1.67E+01
47521404	7.19E-04	9.25E-02	1.69E-02	7.93E-02	0.00E+00	0.00E+00	5.84E-01	1.26E-06	3.42E-04	7.97E-04	0.00E+00	-1.76E-03	9.74E-11	4.02E-09	4.19E-03	1.80E-01	0.00E+00	0.00E+00	4.92E-01	2.40E-02	9.92E-01	0.00E+00	7.75E-09	3.83E-09	2.42E-04	5.81E-07	8.48E-02	0.00E+00	9.92E-01	6.38E-08	9.92E-01	1.07E+00	8.48E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
47521606	6.70E-04	8.31E-02	1.15E-02	7.17E-02	0.00E+00	0.00E+00	5.83E-01	1.24E-06	3.35E-04	7.68E-04	0.00E+00	-1.09E-03	1.00E-10	3.99E-09	4.44E-03	1.83E-01	0.00E+00	0.00E+00	4.98E-01	1.43E-02	1.02E+00	0.00E+00	8.10E-09	3.87E-09	2.33E-04	3.56E-07	8.80E-02	0.00E+00	1.02E+00	1.67E-07	1.02E+00	1.11E+00	8.80E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
47521909	7.07E-04	9.43E-02	1.69E-02	7.97E-02	0.00E+00	0.00E+00	5.86E-01	1.25E-06	3.45E-04	8.08E-04	0.00E+00	-1.75E-03	9.75E-11	4.07E-09	4.19E-03	1.81E-01	0.00E+00	0.00E+00	4.94E-01	2.38E-02	9.80E-01	0.00E+00	7.66E-09	3.80E-09	2.43E-04	5.85E-07	8.55E-02	0.00E+00	9.80E-01	6.43E-08	9.80E-01	1.06E+00	8.55E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
47526039	7.39E-04	9.96E-02	1.72E-02	8.46E-02	0.00E+00	0.00E+00	6.07E-01	1.29E-06	3.49E-04	8.71E-04	0.00E+00	-1.75E-03	1.20E-10	4.14E-09	4.29E-03	1.84E-01	0.00E+00	0.00E+00	5.21E-01	2.26E-02	1.05E+00	0.00E+00	8.23E-09	3.99E-09	2.54E-04	5.86E-07	8.92E-02	0.00E+00	1.05E+00	7.01E-08	1.05E+00	1.14E+00	8.92E-02	0.00E+00	0.00E+00	0.00E+00	1.85E+01
47526049	7.40E-04	9.93E-02	1.72E-02	8.45E-02	0.00E+00	0.00E+00	6.03E-01	1.29E-06	3.49E-04	8.70E-04	0.00E+00	-1.75E-03	1.20E-10	4.14E-09	4.29E-03	1.84E-01	0.00E+00	0.00E+00	5.19E-01	2.26E-02	1.05E+00	0.00E+00	8.22E-09	3.99E-09	2.53E-04	5.86E-07	8.91E-02	0.00E+00	1.05E+00	7.02E-08	1.05E+00	1.14E+00	8.91E-02	0.00E+00	0.00E+00	0.00E+00	1.86E+01
47526084	8.60E-04	9.76E-02	1.28E-02	8.46E-02	0.00E+00	0.00E+00	6.05E-01	1.29E-06	3.50E-04	8.56E-04	0.00E+00	-1.42E-03	1.03E-10	4.14E-09	4.35E-03	1.88E-01	0.00E+00	0.00E+00	5.07E-01	1.59E-02	1.03E+00	0.00E+00	8.15E-09	4.01E-09	2.48E-04	3.85E-07	8.87E-02	0.00E+00	1.03E+00	1.62E-07	1.03E+00	1.12E+00	8.87E-02	0.00E+00	0.00E+00	0.00E+00	1.82E+01
47526086	8.74E-04	9.73E-02	1.26E-02	8.36E-02	0.00E+00	0.00E+00	6.07E-01	1.32E-06	3.55E-04	8.50E-04	0.00E+00	-1.40E-03	1.03E-10	4.17E-09	4.32E-03	1.89E-01	0.00E+00	0.00E+00	5.05E-01	1.55E-02	1.02E+00	0.00E+00	8.10E-09	3.99E-09	2.47E-04	3.70E-07	8.83E-02	0.00E+00	1.02E+00	1.63E-07	1.02E+00	1.11E+00	8.83E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
47526089	7.05E-04	9.80E-02	1.70E-02	8.37E-02	0.00E+00	0.00E+00	5.98E-01	1.26E-06	3.49E-04	8.45E-04	0.00E+00	-1.75E-03	1.03E-10	4.13E-09	4.00E-03	1.80E-01	0.00E+00	0.00E+00	4.95E-01	2.15E-02	9.94E-01	0.00E+00	7.79E-09	3.84E-09	2.45E-04	5.85E-07	8.52E-02	0.00E+00	9.94E-01	7.21E-08	9.94E-01	1.08E+00	8.52E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
47527103	7.64E-04	1.03E-01	1.62E-02	8.78E-02	0.00E+00	0.00E+00	6.38E-01	1.32E-06	3.53E-04	8.97E-04	0.00E+00	-1.55E-03	1.06E-10	4.20E-09	4.68E-03	1.92E-01	0.00E+00	0.00E+00	5.31E-01	2.09E-02	1.06E+00	0.00E+00	8.33E-09	4.17E-09	2.56E-04	5.18E-07	9.06E-02	0.00E+00	1.06E+00	1.37E-07	1.06E+00	1.17E+00	9.06E-02	0.00E+00	0.00E+00	0.00E+00	1.89E+01
47527104	7.85E-04	1.23E-01	1.60E-02	9.86E-02	0.00E+00	0.00E+00	7.85E-01	1.67E-06	3.72E-04	9.84E-04	0.00E+00	-1.76E-03	1.19E-10	4.46E-09	5.91E-03	2.07E-01	0.00E+00	0.00E+00	6.22E-01	2.09E-02	1.25E+00	0.00E+00	1.00E-08	4.52E-09	2.93E-04	5.16E-07	1.07E-01	0.00E+00	1.25E+00	1.39E-07	1.25E+00	1.34E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.24E+01
47527106	7.78E-04	9.93E-02	1.72E-02	8.43E-02	0.00E+00	0.00E+00	6.04E-01	1.29E-06	3.50E-04	8.45E-04	0.00E+00	-1.87E-03	1.03E-10	4.15E-09	4.22E-03	1.82E-01	0.00E+00	0.00E+00	5.06E-01	2.53E-02	1.02E+00	0.00E+00	8.01E-09	3.92E-09	2.46E-04	6.20E-07	8.73E-02	0.00E+00	1.02E+00	7.30E-08	1.02E+00	1.11E+00	8.73E-02	0.00E+00	0.00E+00	0.00E+00	1.81E+01
47527109	7.68E-04	9.99E-02	1.73E-02	8.51E-02	0.00E+00	0.00E+00	6.10E-01	1.30E-06	3.50E-04	8.53E-04	0.00E+00	-1.87E-03	1.03E-10	4.15E-09	4.30E-03	1.85E-01	0.00E+00	0.00E+00	5.21E-01	2.52E-02	1.05E+00	0.00E+00	8.24E-09	4.02E-09	2.49E-04	6.21E-07	8.91E-02	0.00E+00	1.05E+00	7.40E-08	1.05E+00	1.14E+00	8.91E-02	0.00E+00	0.00E+00	0.00E+00	1.86E+01
47527203	7.64E-04	1.03E-01	1.62E-02	8.78E-02	0.00E+00	0.00E+00	6.38E-01	1.32E-06	3.53E-04	8.97E-04	0.00E+00	-1.55E-03	1.06E-10	4.20E-09	4.68E-03	1.92E-01	0.00E+00	0.00E+00	5.31E-01	2.09E-02	1.06E+00	0.00E+00	8.33E-09	4.17E-09	2.56E-04	5.18E-07	9.06E-02	0.00E+00	1.06E+00	1.37E-07	1.06E+00	1.17E+00	9.06E-02	0.00E+00	0.00E+00	0.00E+00	1.89E+01
47527204	7.89E-04	1.22E-01	1.61E-02	9.87E-02	0.00E+00	0.00E+00	7.95E-01	1.68E-06	3.75E-04	9.85E-04	0.00E+00	-1.58E-03	1.19E-10	4.51E-09	6.12E-03	2.09E-01	0.00E+00	0.00E+00	6.26E-01	2.13E-02	1.25E+00	0.00E+00	9.97E-09	4.55E-09	2.96E-04	5.18E-07	1.08E-01	0.00E+00	1.25E+00	1.40E-07	1.25E+00	1.34E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.26E+01
47527206	9.00E-04	1.01E-01	1.72E-02	8.63E-02	0.00E+00	0.00E+00	6.10E-01	1.30E-06	3.72E-04	8.66E-04	0.00E+00	-1.87E-03	1.04E-10	4.31E-09	4.33E-03	1.90E-01	0.00E+00	0.00E+00	5.30E-01	2.53E-02	1.05E+00	0.00E+00	8.25E-09	4.03E-09	2.55E-04	6.18E-07	9.11E-02	0.00E+00	1.05E+00	7.50E-08	1.05E+00	1.15E+00	9.11E-02	0.00E+00	0.00E+00	0.00E+00	1.94E+01
47527209	8.87E-04	9.93E-02	1.73E-02	8.45E-02	0.00E+00	0.00E+00	6.04E-01	1.28E-06	3.72E-04	8.44E-04	0.00E+00	-1.87E-03	1.04E-10	4.31E-09	4.20E-03	1.88E-01	0.00E+00	0.00E+00	5.12E-01	2.52E-02	1.02E+00	0.00E+00	8.01E-09	3.93E-09	2.47E-04	6.24E-07	8.91E-02	0.00E+00	1.02E+00	7.30E-08	1.02E+00	1.11E+00	8.91E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01
47528982	7.26E-04	9.07E-02	1.69E-02	7.84E-02	0.00E+00	0.00E+00	5.85E-01	1.25E-06	3.48E-04	7.93E-04	0.00E+00	-1.75E-03	9.74E-11	4.01E-09	4.17E-03	1.80E-01	0.00E+00	0.00E+00	4.91E-01	2.38E-02	9.86E-01	0.00E+00	7.68E-09	3.82E-09	2.42E-04	5.82E-07	8.46E-02	0.00E+00	9.86E-01	6.29E-08	9.86E-01	1.07E+00	8.46E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
47528989	6.34E-04	8.30E-02	1.65E-02	6.65E-02	0.00E+00	0.00E+00	5.63E-01	1.19E-06	3.29E-04	6.94E-04	0.00E+00	-1.74E-03	9.65E-11	3.97E-09	3.78E-03	1.68E-01	0.00E+00	0.00E+00	4.66E-01	2.29E-02	8.92E-01	0.00E+00	6.97E-09	3.44E-09	2.11E-04	5.63E-07	8.03E-02	0.00E+00	8.92E-01	4.87E-08	8.92E-01	9.72E-01	8.03E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
4755	5.22E-04	6.43E-02	1.86E-02	4.57E-02	0.00E+00	0.00E+00	4.19E-01	7.82E-07	3.16E-04	4.59E-04	0.00E+00	-2.07E-03	7.46E-11	3.75E-09	2.45E-03	1.21E-01	0.00E+00	0.00E+00	3.30E-01	2.73E-02	5.20E-01	0.00E+00	4.11E-09	2.08E-09	1.38E-04	6.66E-07	5.58E-02	0.00E+00	5.20E-01	-1.53E-07	5.20E-01	5.76E-01	5.58E-02	0.00E+00	0.00E+00	0.00E+00	1.19E+01
475501	5.22E-04	6.43E-02	1.86E-02	4.57E-02	0.00E+00	0.00E+00	4.19E-01	7.82E-07	3.16E-04	4.59E-04	0.00E+00	-2.07E-03	7.46E-11	3.75E-09	2.45E-03	1.21E-01	0.00E+00	0.00E+00	3.30E-01	2.73E-02	5.20E-01	0.00E+00	4.11E-09	2.08E-09	1.38E-04	6.66E-07	5.58E-02	0.00E+00	5.20E-01	-1.53E-07	5.20E-01	5.76E-01	5.58E-02	0.00E+00	0.00E+00	0.00E+00	1.19E+01
47552045	8.27E-04	7.41E-02	1.67E-02	5.74E-02	0.00E+00	0.00E+00	4.26E-01	8.02E-07	3.24E-04	5.57E-04	0.00E+00	-1.83E-03	7.57E-11	3.76E-09	2.48E-03	1.26E-01	0.00E+00	0.00E+00	3.38E-01	2.41E-02	5.51E-01	0.00E+00	4.39E-09	2.27E-09	1.61E-04	5.89E-07	5.76E-02	0.00E+00	5.51E-01	-1.11E-07	5.51E-01	6.09E-01	5.76E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
47552089	8.27E-04	7.35E-02	1.64E-02	5.72E-02	0.00E+00	0.00E+00	4.26E-01	8.02E-07	3.24E-04	5.56E-04	0.00E+00	-1.79E-03	7.56E-11	3.75E-09	2.48E-03	1.26E-01	0.00E+00	0.00E+00	3.38E-01	2.36E-02	5.51E-01	0.00E+00	4.39E-09	2.27E-09	1.61E-04	5.76E-07	5.76E-02	0.00E+00	5.51E-01	-1.07E-07	5.51E-01	6.09E-01	5.76E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
47591606	1.51E-03	1.70E-01	1.05E-02	1.60E-01	0.00E+00	0.00E+00	7.76E-01	1.85E-06	4.43E-04	1.57E-03	0.00E+00	-8.22E-04	1.28E-10	4.83E-09	6.68E-03	2.84E-01	0.00E+00	0.00E+00	7.27E-01	1.09E-02	1.78E+00	0.00E+00	1.43E-08	7.06E-09	4.56E-04	2.77E-07	1.32E-01	0.00E+00	1.78E+00	5.28E-07	1.78E+00	1.91E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
47591909	1.51E-03	1.70E-01	1.05E-02	1.60E-01	0.00E+00	0.00E+00	7.76E-01	1.85E-06	4.43E-04	1.57E-03	0.00E+00	-8.22E-04	1.28E-10	4.83E-09	6.68E-03	2.84E-01	0.00E+00	0.00E+00	7.27E-01	1.09E-02	1.78E+00	0.00E+00	1.43E-08	7.06E-09	4.56E-04	2.77E-07	1.32E-01	0.00E+00	1.78E+00	5.28E-07	1.78E+00	1.91E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
47601404	1.48E-03	1.67E-01	9.79E-03	1.58E-01	0.00E+00	0.00E+00	7.83E-01	1.88E-06	4.45E-04	1.56E-03	0.00E+00	-6.96E-04	1.21E-10	4.84E-09	6.67E-03	2.87E-01	0.00E+00	0.00E+00	7.34E-01	1.34E-02	1.79E+00	0.00E+00	1.45E-08	7.13E-09	4.53E-04	2.74E-07	1.33E-01	0.00E+00	1.79E+00	5.41E-07	1.79E+00	1.94E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
47601606	1.53E-03	1.67E-01	9.74E-03	1.59E-01	0.00E+00	0.00E+00	7.81E-01	1.89E-06	4.46E-04	1.56E-03	0.00E+00	-6.60E-04	1.21E-10	4.88E-09	6.72E-03	2.88E-01	0.00E+00	0.00E+00	7.38E-01	1.07E-02	1.79E+00	0.00E+00	1.46E-08	7.16E-09	4.53E-04	2.75E-07	1.34E-01	0.00E+00	1.79E+00	5.35E-07	1.79E+00	1.94E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.65E+01
47601909	1.48E-03	1.67E-01	9.85E-03	1.60E-01	0.00E+00	0.00E+00	7.82E-01	1.88E-06	4.53E-04	1.56E-03	0.00E+00	-6.67E-04	1.21E-10	4.99E-09	6.71E-03	2.88E-01	0.00E+00	0.00E+00	7.35E-01	1.07E-02	1.79E+00	0.00E+00	1.46E-08	7.12E-09	4.54E-04	2.86E-07	1.33E-01	0.00E+00	1.79E+00	5.36E-07	1.79E+00	1.94E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
4763	1.63E-03	1.38E-01	2.04E-02	1.15E-01	1.10E-10	0.00E+00	8.10E-01	1.34E-06	7.83E-04	1.20E-03	0.00E+00	2.09E-04	1.33E-10	8.18E-09	6.35E-03	2.91E-01	0.00E+00	0.00E+00	7.37E-01	2.38E-02	1.43E+00	0.00E+00	1.18E-08	5.64E-09	3.78E-04	6.54E-07	1.23E-01	0.00E+00	1.43E+00	1.95E-07	1.43E+00	1.54E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.22E+01
476301	1.50E-03	1.43E-01	1.68E-02	1.17E-01	1.51E-10	0.00E+00	8.16E-01	1.36E-06	7.92E-04	1.17E-03	0.00E+00	6.28E-04	1.39E-10	8.26E-09	6.51E-03	2.88E-01	0.00E+00	0.00E+00	7.37E-01	2.39E-02	1.39E+00	0.00E+00	1.12E-08	5.78E-09	3.76E-04	6.12E-07	1.26E-01	0.00E+00	1.39E+00	2.06E-07	1.39E+00	1.54E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.43E+01
476309	2.17E-03	1.30E-01	2.12E-02	1.09E-01	0.00E+00	0.00E+00	8.87E-01	1.81E-06	8.34E-04	1.16E-03	0.00E+00	-2.08E-03	1.57E-10	9.78E-09	5.83E-03	3.08E-01	0.00E+00	0.00E+00	7.76E-01	2.74E-02	1.42E+00	0.00E+00	1.15E-08	5.97E-09	3.69E-04	6.76E-07	1.36E-01	0.00E+00	1.42E+00	1.06E-07	1.42E+00	1.56E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
47631404	8.48E-04	1.23E-01	1.28E-02	9.82E-02	0.00E+00	0.00E+00	6.00E-01	1.32E-06	3.77E-04	9.88E-04	0.00E+00	-1.83E-03	1.14E-10	3.99E-09	5.38E-03	1.92E-01	0.00E+00	0.00E+00	5.12E-01	1.57E-02	1.11E+00	0.00E+00	8.91E-09	4.25E-09	2.92E-04	3.73E-07	8.81E-02	0.00E+00	1.11E+00	1.80E-07	1.11E+00	1.17E+00	8.81E-02	0.00E+00	0.00E+00	0.00E+00	1.86E+01
47631606	8.02E-04	1.18E-01	1.26E-02	9.53E-02	0.00E+00	0.00E+00	5.98E-01	1.25E-06	3.67E-04	9.65E-04	0.00E+00	-1.56E-03	1.10E-10	4.09E-09	4.87E-03	1.91E-01	0.00E+00	0.00E+00	5.06E-01	1.53E-02	1.06E+00	0.00E+00	8.23E-09	4.06E-09	2.88E-04	3.69E-07	8.67E-02	0.00E+00	1.06E+00	1.84E-07	1.06E+00	1.12E+00	8.67E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
47631909	7.49E-04	1.23E-01	1.69E-02	9.49E-02	0.00E+00	0.00E+00	5.95E-01	1.30E-06	3.76E-04	9.38E-04	0.00E+00	-2.33E-03	1.14E-10	3.97E-09	5.20E-03	1.86E-01	0.00E+00	0.00E+00	5.04E-01	2.04E-02	1.09E+00	0.00E+00	8.75E-09	4.12E-09	2.85E-04	5.58E-07	8.57E-02	0.00E+00	1.09E+00	1.30E-07	1.09E+00	1.15E+00	8.57E-02	0.00E+00	0.00E+00	0.00E+00	1.84E+01
47633502	7.94E-04	1.18E-01	8.53E-03	1.06E-01	1.86E-11	0.00E+00	4.63E-01	9.44E-07	2.22E-04	1.29E-03	0.00E+00	7.97E-05	1.11E-10	2.76E-09	7.54E-03	2.12E-01	0.00E+00	0.00E+00	5.60E-01	6.93E-03	1.51E+00	0.00E+00	1.29E-08	5.23E-09	3.66E-04	2.08E-07	1.13E-01	0.00E+00	1.51E+00	3.13E-07	1.51E+00	1.62E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	1.64E+01
47633505	7.78E-04	1.21E-01	7.49E-03	1.14E-01	0.00E+00	0.00E+00	4.17E-01	7.45E-07	3.63E-04	1.25E-03	0.00E+00	-5.40E-04	1.23E-10	3.55E-09	7.70E-03	2.20E-01	0.00E+00	0.00E+00	5.35E-01	7.14E-03	1.45E+00	0.00E+00	1.26E-08	5.05E-09	3.48E-04	1.87E-07	1.02E-01	0.00E+00	1.45E+00	2.99E-07	1.45E+00	1.55E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	1.64E+01
47633522	9.74E-04	1.22E-01	8.71E-03	1.16E-01	4.57E-11	0.00E+00	4.76E-01	9.31E-07	3.50E-04	1.29E-03	0.00E+00	-1.75E-04	1.30E-10	3.53E-09	8.05E-03	2.25E-01	0.00E+00	0.00E+00	5.80E-01	7.19E-03	1.53E+00	0.00E+00	1.33E-08	5.35E-09	3.65E-04	2.05E-07	1.08E-01	0.00E+00	1.53E+00	3.13E-07	1.53E+00	1.64E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	1.71E+01
47633525	1.13E-03	1.24E-01	7.66E-03	1.17E-01	0.00E+00	0.00E+00	4.70E-01	8.51E-07	3.61E-04	1.28E-03	0.00E+00	-5.40E-04	1.32E-10	3.61E-09	7.98E-03	2.29E-01	0.00E+00	0.00E+00	5.70E-01	7.14E-03	1.51E+00	0.00E+00	1.30E-08	5.23E-09	3.57E-04	1.88E-07	1.08E-01	0.00E+00	1.51E+00	3.12E-07	1.51E+00	1.62E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	1.77E+01
47636084	9.16E-04	1.23E-01	1.29E-02	9.70E-02	0.00E+00	0.00E+00	6.58E-01	1.36E-06	3.74E-04	9.99E-04	0.00E+00	-1.83E-03	1.16E-10	4.11E-09	6.62E-03	2.01E-01	0.00E+00	0.00E+00	5.63E-01	1.67E-02	1.26E+00	0.00E+00	1.03E-08	4.44E-09	3.01E-04	3.86E-07	9.69E-02	0.00E+00	1.26E+00	1.62E-07	1.26E+00	1.34E+00	9.69E-02	0.00E+00	0.00E+00	0.00E+00	1.95E+01
47636086	9.40E-04	1.25E-01	1.28E-02	9.74E-02	0.00E+00	0.00E+00	6.58E-01	1.38E-06	3.79E-04	9.98E-04	0.00E+00	-1.83E-03	1.16E-10	4.15E-09	6.67E-03	2.01E-01	0.00E+00	0.00E+00	5.59E-01	1.63E-02	1.27E+00	0.00E+00	1.03E-08	4.47E-09	3.05E-04	3.69E-07	9.63E-02	0.00E+00	1.27E+00	1.63E-07	1.27E+00	1.35E+00	9.63E-02	0.00E+00	0.00E+00	0.00E+00	1.96E+01
47636089	6.72E-04	1.07E-01	2.90E-02	7.80E-02	0.00E+00	0.00E+00	5.79E-01	1.24E-06	3.45E-04	7.89E-04	0.00E+00	-3.28E-03	9.91E-11	4.15E-09	4.01E-03	1.76E-01	0.00E+00	0.00E+00	4.85E-01	4.33E-02	9.51E-01	0.00E+00	7.46E-09	3.66E-09	2.35E-04	1.06E-06	8.19E-02	0.00E+00	9.51E-01	-1.05E-07	9.51E-01	1.03E+00	8.19E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
47637003	8.14E-04	1.22E-01	1.72E-02	9.59E-02	0.00E+00	0.00E+00	6.51E-01	1.35E-06	3.72E-04	9.70E-04	0.00E+00	-2.53E-03	1.16E-10	4.09E-09	6.40E-03	1.95E-01	0.00E+00	0.00E+00	5.56E-01	2.43E-02	1.24E+00	0.00E+00	1.02E-08	4.33E-09	2.93E-04	5.93E-07	9.39E-02	0.00E+00	1.24E+00	9.00E-08	1.24E+00	1.32E+00	9.39E-02	0.00E+00	0.00E+00	0.00E+00	1.94E+01
47637006	8.14E-04	1.22E-01	1.72E-02	9.59E-02	0.00E+00	0.00E+00	6.51E-01	1.35E-06	3.72E-04	9.70E-04	0.00E+00	-2.53E-03	1.16E-10	4.09E-09	6.40E-03	1.95E-01	0.00E+00	0.00E+00	5.56E-01	2.43E-02	1.24E+00	0.00E+00	1.02E-08	4.33E-09	2.93E-04	5.93E-07	9.39E-02	0.00E+00	1.24E+00	9.00E-08	1.24E+00	1.32E+00	9.39E-02	0.00E+00	0.00E+00	0.00E+00	1.94E+01
47637009	8.10E-04	1.23E-01	1.72E-02	9.36E-02	0.00E+00	0.00E+00	6.50E-01	1.34E-06	3.68E-04	9.59E-04	0.00E+00	-2.54E-03	1.16E-10	4.12E-09	6.38E-03	1.97E-01	0.00E+00	0.00E+00	5.51E-01	2.37E-02	1.24E+00	0.00E+00	1.01E-08	4.35E-09	2.95E-04	5.84E-07	9.30E-02	0.00E+00	1.24E+00	8.82E-08	1.24E+00	1.31E+00	9.30E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+01
47638982	7.76E-04	1.22E-01	1.69E-02	9.48E-02	0.00E+00	0.00E+00	6.22E-01	1.32E-06	3.75E-04	9.33E-04	0.00E+00	-2.33E-03	1.15E-10	4.05E-09	5.26E-03	1.93E-01	0.00E+00	0.00E+00	5.46E-01	2.05E-02	1.09E+00	0.00E+00	8.74E-09	4.20E-09	2.86E-04	5.58E-07	9.05E-02	0.00E+00	1.09E+00	1.23E-07	1.09E+00	1.16E+00	9.05E-02	0.00E+00	0.00E+00	0.00E+00	1.90E+01
47638989	6.66E-04	1.11E-01	2.75E-02	8.34E-02	0.00E+00	0.00E+00	5.65E-01	1.18E-06	3.47E-04	8.19E-04	0.00E+00	-3.10E-03	9.72E-11	4.11E-09	3.74E-03	1.69E-01	0.00E+00	0.00E+00	4.65E-01	4.09E-02	8.88E-01	0.00E+00	7.00E-09	3.48E-09	2.37E-04	9.99E-07	7.86E-02	0.00E+00	8.88E-01	-1.17E-07	8.88E-01	9.67E-01	7.86E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
47693502	1.27E-03	1.35E-01	9.19E-03	1.29E-01	0.00E+00	0.00E+00	6.73E-01	1.16E-06	5.60E-04	1.45E-03	0.00E+00	-6.25E-04	4.39E-10	6.53E-09	8.56E-03	2.53E-01	0.00E+00	0.00E+00	6.44E-01	7.63E-03	1.58E+00	0.00E+00	1.27E-08	5.76E-09	3.59E-04	2.21E-07	1.22E-01	0.00E+00	1.58E+00	3.23E-07	1.58E+00	1.73E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+01
47703522	1.86E-03	2.44E-01	2.08E-02	2.20E-01	0.00E+00	0.00E+00	1.01E+00	1.52E-06	7.41E-04	2.45E-03	0.00E+00	-1.51E-03	2.71E-10	7.36E-09	1.59E-02	4.31E-01	0.00E+00	0.00E+00	1.01E+00	7.10E-03	2.84E+00	0.00E+00	2.43E-08	1.00E-08	6.83E-04	5.73E-07	2.07E-01	0.00E+00	2.84E+00	6.03E-07	2.84E+00	3.04E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	3.12E+01
47703525	1.50E-03	2.32E-01	1.76E-02	2.14E-01	0.00E+00	0.00E+00	7.98E-01	1.42E-06	7.10E-04	2.35E-03	0.00E+00	-1.44E-03	2.39E-10	6.98E-09	1.45E-02	4.19E-01	0.00E+00	0.00E+00	1.03E+00	1.91E-02	2.73E+00	0.00E+00	2.36E-08	9.51E-09	6.57E-04	4.89E-07	1.94E-01	0.00E+00	2.73E+00	5.05E-07	2.73E+00	2.92E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+01

47703532	2.00E-03	2.86E-01	2.05E-02	2.38E-01	0.00E+00	0.00E+00	9.56E-01	1.60E-06	7.96E-04	2.62E-03	0.00E+00	-1.41E-03	5.74E-10	9.22E-09	1.57E-02	4.25E-01	0.00E+00	0.00E+00	1.05E+00	1.33E-02	2.86E+00	0.00E+00	2.44E-08	1.01E-08	7.09E-04	5.97E-07	1.99E-01	0.00E+00	2.86E+00	6.01E-07	2.86E+00	3.09E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	3.21E+01
47703535	2.02E-03	2.79E-01	1.90E-02	2.37E-01	0.00E+00	0.00E+00	8.57E-01	1.61E-06	7.96E-04	2.61E-03	0.00E+00	-1.30E-03	2.89E-10	9.28E-09	1.50E-02	4.24E-01	0.00E+00	0.00E+00	1.03E+00	1.70E-02	2.84E+00	0.00E+00	2.44E-08	9.91E-09	7.02E-04	5.26E-07	1.96E-01	0.00E+00	2.84E+00	5.40E-07	2.84E+00	3.05E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	3.22E+01
47703545	1.71E-03	2.43E-01	2.06E-02	2.27E-01	5.93E-10	0.00E+00	9.54E-01	1.48E-06	7.40E-04	2.48E-03	0.00E+00	3.31E-04	2.27E-10	7.27E-09	1.62E-02	4.29E-01	0.00E+00	0.00E+00	1.09E+00	1.54E-02	2.88E+00	0.00E+00	2.46E-08	9.91E-09	6.83E-04	5.54E-07	2.01E-01	0.00E+00	2.88E+00	6.07E-07	2.88E+00	3.10E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	3.11E+01
47703552	1.79E-03	2.41E-01	2.07E-02	2.22E-01	5.89E-10	0.00E+00	1.01E+00	1.55E-06	7.35E-04	2.45E-03	0.00E+00	4.66E-03	2.13E-10	7.20E-09	1.61E-02	4.26E-01	0.00E+00	0.00E+00	1.09E+00	9.41E-03	2.85E+00	0.00E+00	2.44E-08	9.90E-09	6.74E-04	5.53E-07	1.93E-01	0.00E+00	2.85E+00	5.82E-07	2.85E+00	3.06E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	3.02E+01
47703555	1.77E-03	2.37E-01	1.77E-02	2.20E-01	8.62E-11	0.00E+00	8.05E-01	1.41E-06	7.61E-04	2.41E-03	0.00E+00	-1.08E-03	2.00E-10	7.35E-09	1.49E-02	4.24E-01	0.00E+00	0.00E+00	1.07E+00	1.57E-02	2.82E+00	0.00E+00	2.42E-08	9.87E-09	6.69E-04	5.20E-07	1.90E-01	0.00E+00	2.82E+00	5.19E-07	2.82E+00	3.02E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	2.83E+01
47703562	1.72E-03	2.47E-01	2.18E-02	2.24E-01	5.74E-10	0.00E+00	1.03E+00	1.71E-06	7.49E-04	2.53E-03	0.00E+00	6.30E-03	2.56E-10	7.48E-09	1.72E-02	4.45E-01	0.00E+00	0.00E+00	1.08E+00	8.83E-03	2.89E+00	0.00E+00	2.50E-08	1.01E-08	7.02E-04	5.58E-07	2.07E-01	0.00E+00	2.89E+00	6.42E-07	2.89E+00	3.13E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
47703565	1.70E-03	2.39E-01	1.93E-02	2.18E-01	7.05E-11	0.00E+00	9.87E-01	1.39E-06	7.53E-04	2.45E-03	0.00E+00	-9.92E-04	2.51E-10	7.16E-09	1.60E-02	4.45E-01	0.00E+00	0.00E+00	1.07E+00	1.58E-02	2.86E+00	0.00E+00	2.45E-08	1.01E-08	6.91E-04	5.08E-07	2.00E-01	0.00E+00	2.86E+00	5.77E-07	2.86E+00	3.08E+00	2.00E-01	0.00E+00	0.00E+00	0.00E+00	3.26E+01
47721606	1.45E-03	1.62E-01	1.03E-02	1.51E-01	0.00E+00	0.00E+00	7.53E-01	1.76E-06	4.36E-04	1.48E-03	0.00E+00	-8.19E-04	1.25E-10	4.78E-09	6.33E-03	2.72E-01	0.00E+00	0.00E+00	6.96E-01	1.08E-02	1.67E+00	0.00E+00	1.35E-08	6.64E-09	4.30E-04	2.75E-07	1.26E-01	0.00E+00	1.67E+00	4.76E-07	1.67E+00	1.80E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
47721909	1.46E-03	1.62E-01	1.03E-02	1.52E-01	0.00E+00	0.00E+00	7.53E-01	1.76E-06	4.36E-04	1.48E-03	0.00E+00	-8.19E-04	1.25E-10	4.78E-09	6.35E-03	2.72E-01	0.00E+00	0.00E+00	6.97E-01	1.08E-02	1.68E+00	0.00E+00	1.35E-08	6.66E-09	4.31E-04	2.75E-07	1.26E-01	0.00E+00	1.68E+00	4.78E-07	1.68E+00	1.80E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
47726084	1.44E-03	1.67E-01	9.47E-03	1.55E-01	0.00E+00	0.00E+00	7.63E-01	1.84E-06	4.77E-04	1.56E-03	0.00E+00	-6.63E-04	1.35E-10	5.04E-09	6.78E-03	2.86E-01	0.00E+00	0.00E+00	7.38E-01	1.07E-02	1.79E+00	0.00E+00	1.47E-08	7.11E-09	4.52E-04	2.40E-07	1.30E-01	0.00E+00	1.79E+00	5.37E-07	1.79E+00	1.95E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
47726086	1.48E-03	1.65E-01	1.04E-02	1.55E-01	0.00E+00	0.00E+00	7.63E-01	1.80E-06	4.39E-04	1.52E-03	0.00E+00	-8.19E-04	1.27E-10	4.80E-09	6.50E-03	2.78E-01	0.00E+00	0.00E+00	7.11E-01	1.08E-02	1.73E+00	0.00E+00	1.39E-08	6.85E-09	4.42E-04	2.76E-07	1.29E-01	0.00E+00	1.73E+00	5.03E-07	1.73E+00	1.85E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
47726096	1.49E-03	1.67E-01	1.04E-02	1.56E-01	0.00E+00	0.00E+00	7.67E-01	1.82E-06	4.40E-04	1.53E-03	0.00E+00	-8.19E-04	1.27E-10	4.81E-09	6.58E-03	2.81E-01	0.00E+00	0.00E+00	7.17E-01	1.08E-02	1.75E+00	0.00E+00	1.41E-08	6.94E-09	4.47E-04	2.76E-07	1.30E-01	0.00E+00	1.75E+00	5.15E-07	1.75E+00	1.88E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
47726099	1.49E-03	1.67E-01	1.04E-02	1.56E-01	0.00E+00	0.00E+00	7.67E-01	1.82E-06	4.40E-04	1.53E-03	0.00E+00	-8.19E-04	1.27E-10	4.81E-09	6.58E-03	2.81E-01	0.00E+00	0.00E+00	7.17E-01	1.08E-02	1.75E+00	0.00E+00	1.41E-08	6.94E-09	4.47E-04	2.76E-07	1.30E-01	0.00E+00	1.75E+00	5.15E-07	1.75E+00	1.88E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
47728989	1.46E-03	1.62E-01	1.03E-02	1.52E-01	0.00E+00	0.00E+00	7.53E-01	1.76E-06	4.36E-04	1.48E-03	0.00E+00	-8.19E-04	1.25E-10	4.78E-09	6.35E-03	2.72E-01	0.00E+00	0.00E+00	6.97E-01	1.08E-02	1.68E+00	0.00E+00	1.35E-08	6.66E-09	4.31E-04	2.75E-07	1.26E-01	0.00E+00	1.68E+00	4.78E-07	1.68E+00	1.80E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
47733512	2.42E-03	4.35E-01	2.59E-02	3.43E-01	0.00E+00	0.00E+00	1.51E+00	2.34E-06	1.11E-03	3.59E-03	0.00E+00	-9.67E-04	6.86E-10	1.09E-08	2.33E-02	5.91E-01	0.00E+00	0.00E+00	1.53E+00	1.34E-02	4.26E+00	0.00E+00	3.62E-08	1.44E-08	9.54E-04	5.95E-07	2.91E-01	0.00E+00	4.26E+00	8.96E-07	4.26E+00	4.54E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	5.08E+01
47733515	2.24E-03	3.48E-01	2.75E-02	3.21E-01	0.00E+00	0.00E+00	1.20E+00	2.13E-06	1.06E-03	3.53E-03	0.00E+00	-2.30E-03	3.58E-10	1.05E-08	2.18E-02	6.28E-01	0.00E+00	0.00E+00	1.54E+00	3.04E-02	4.09E+00	0.00E+00	3.54E-08	1.43E-08	9.85E-04	7.76E-07	2.91E-01	0.00E+00	4.09E+00	7.41E-07	4.09E+00	4.38E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	4.75E+01
47733522	2.31E-03	3.83E-01	2.84E-02	3.12E-01	0.00E+00	0.00E+00	1.43E+00	2.37E-06	1.08E-03	3.51E-03	0.00E+00	-1.62E-03	3.83E-10	1.23E-08	2.41E-02	6.21E-01	0.00E+00	0.00E+00	1.58E+00	2.59E-02	4.11E+00	0.00E+00	3.49E-08	1.43E-08	9.55E-04	7.52E-07	3.14E-01	0.00E+00	4.11E+00	9.35E-07	4.11E+00	4.41E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	5.10E+01
47733525	2.29E-03	3.67E-01	2.81E-02	3.38E-01	0.00E+00	0.00E+00	1.37E+00	2.50E-06	1.06E-03	3.69E-03	0.00E+00	-2.30E-03	3.87E-10	1.07E-08	2.27E-02	6.61E-01	0.00E+00	0.00E+00	1.66E+00	3.04E-02	4.31E+00	0.00E+00	3.70E-08	1.50E-08	1.03E-03	7.78E-07	3.11E-01	0.00E+00	4.31E+00	8.05E-07	4.31E+00	4.62E+00	3.11E-01	0.00E+00	0.00E+00	0.00E+00	5.18E+01
47741606	1.50E-03	1.66E-01	1.04E-02	1.55E-01	0.00E+00	0.00E+00	7.70E-01	1.84E-06	4.40E-04	1.53E-03	0.00E+00	-8.19E-04	1.27E-10	4.81E-09	6.62E-03	2.82E-01	0.00E+00	0.00E+00	7.22E-01	1.08E-02	1.76E+00	0.00E+00	1.42E-08	6.99E-09	4.48E-04	2.76E-07	1.31E-01	0.00E+00	1.76E+00	5.26E-07	1.76E+00	1.89E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
47741909	1.50E-03	1.66E-01	1.04E-02	1.55E-01	0.00E+00	0.00E+00	7.70E-01	1.84E-06	4.40E-04	1.53E-03	0.00E+00	-8.19E-04	1.27E-10	4.81E-09	6.62E-03	2.82E-01	0.00E+00	0.00E+00	7.22E-01	1.08E-02	1.76E+00	0.00E+00	1.42E-08	6.99E-09	4.48E-04	2.76E-07	1.31E-01	0.00E+00	1.76E+00	5.26E-07	1.76E+00	1.89E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
47746086	1.05E-03	1.66E-01	1.05E-02	1.56E-01	0.00E+00	0.00E+00	7.82E-01	1.91E-06	4.42E-04	1.55E-03	0.00E+00	-8.19E-04	1.29E-10	4.85E-09	6.83E-03	2.89E-01	0.00E+00	0.00E+00	7.42E-01	1.08E-02	1.83E+00	0.00E+00	1.47E-08	7.24E-09	4.57E-04	2.76E-07	1.34E-01	0.00E+00	1.83E+00	5.65E-07	1.83E+00	1.97E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
47746089	1.05E-03	1.66E-01	1.05E-02	1.55E-01	0.00E+00	0.00E+00	7.82E-01	1.91E-06	4.42E-04	1.55E-03	0.00E+00	-8.19E-04	1.28E-10	4.85E-09	6.82E-03	2.89E-01	0.00E+00	0.00E+00	7.42E-01	1.08E-02	1.83E+00	0.00E+00	1.47E-08	7.24E-09	4.56E-04	2.76E-07	1.34E-01	0.00E+00	1.83E+00	5.65E-07	1.83E+00	1.97E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
47746096	1.53E-03	1.70E-01	1.05E-02	1.59E-01	0.00E+00	0.00E+00	7.81E-01	1.89E-06	4.44E-04	1.58E-03	0.00E+00	-8.19E-04	1.29E-10	4.84E-09	6.81E-03	2.89E-01	0.00E+00	0.00E+00	7.39E-01	1.08E-02	1.83E+00	0.00E+00	1.47E-08	7.23E-09	4.61E-04	2.76E-07	1.34E-01	0.00E+00	1.83E+00	5.57E-07	1.83E+00	1.96E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
47746099	1.53E-03	1.70E-01	1.05E-02	1.60E-01	0.00E+00	0.00E+00	7.83E-01	1.90E-06	4.45E-04	1.58E-03	0.00E+00	-8.19E-04	1.29E-10	4.84E-09	6.84E-03	2.90E-01	0.00E+00	0.00E+00	7.41E-01	1.08E-02	1.83E+00	0.00E+00	1.47E-08	7.26E-09	4.63E-04	2.76E-07	1.34E-01	0.00E+00	1.83E+00	5.61E-07	1.83E+00	1.97E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
47748982	1.50E-03	1.66E-01	1.04E-02	1.55E-01	0.00E+00	0.00E+00	7.70E-01	1.84E-06	4.40E-04	1.53E-03	0.00E+00	-8.19E-04	1.27E-10	4.81E-09	6.62E-03	2.82E-01	0.00E+00	0.00E+00	7.22E-01	1.08E-02	1.77E+00	0.00E+00	1.42E-08	7.00E-09	4.48E-04	2.76E-07	1.31E-01	0.00E+00	1.77E+00	5.26E-07	1.77E+00	1.90E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
47748989	1.50E-03	1.66E-01	1.04E-02	1.55E-01	0.00E+00	0.00E+00	7.70E-01	1.84E-06	4.40E-04	1.53E-03	0.00E+00	-8.19E-04	1.27E-10	4.81E-09	6.62E-03	2.82E-01	0.00E+00	0.00E+00	7.22E-01	1.08E-02	1.76E+00	0.00E+00	1.42E-08	6.99E-09	4.48E-04	2.76E-07	1.31E-01	0.00E+00	1.76E+00	5.26E-07	1.76E+00	1.89E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
47753522	1.55E-03	2.40E-01	2.39E-02	2.16E-01	1.80E-09	0.00E+00	1.09E+00	1.44E-06	7.26E-04	2.46E-03	0.00E+00	9.81E-03	2.42E-10	7.11E-09	1.81E-02	4.21E-01	0.00E+00	0.00E+00	1.03E+00	1.40E-03	2.91E+00	0.00E+00	2.40E-08	9.91E-09	6.80E-04	6.12E-07	2.12E-01	0.00E+00	2.91E+00	6.75E-07	2.91E+00	3.13E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+01
47753525	1.51E-03	2.36E-01	1.77E-02	2.18E-01	0.00E+00	0.00E+00	8.08E-01	1.43E-06	7.14E-04	2.40E-03	0.00E+00	-1.45E-03	2.41E-10	7.01E-09	1.49E-02	4.26E-01	0.00E+00	0.00E+00	1.04E+00	1.91E-02	2.79E+00	0.00E+00	2.42E-08	9.69E-09	6.69E-04	4.90E-07	1.97E-01	0.00E+00	2.79E+00	5.20E-07	2.79E+00	2.99E+00	1.97E-01	0.00E+00	0.00E+00	0.00E+00	3.20E+01
47753532	1.67E-03	2.40E-01	2.13E-02	2.23E-01	5.98E-10	0.00E+00	1.01E+00	1.61E-06	7.30E-04	2.46E-03	0.00E+00	6.56E-03	2.37E-10	7.21E-09	1.64E-02	4.29E-01	0.00E+00	0.00E+00	1.06E+00	8.23E-03	2.89E+00	0.00E+00	2.45E-08	9.89E-09	6.80E-04	5.55E-07	2.04E-01	0.00E+00	2.89E+00	6.69E-07	2.89E+00	3.11E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
47753535	2.23E-03	2.42E-01	1.84E-02	2.23E-01	0.00E+00	0.00E+00	8.24E-01	1.51E-06	7.20E-04	2.46E-03	0.00E+00	-1.52E-03	2.43E-10	7.04E-09	1.51E-02	4.36E-01	0.00E+00	0.00E+00	1.06E+00	2.01E-02	2.88E+00	0.00E+00	2.48E-08	1.00E-08	6.88E-04	5.13E-07	2.02E-01	0.00E+00	2.88E+00	5.58E-07	2.88E+00	3.08E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	3.29E+01
47753542	1.76E-03	2.38E-01	2.05E-02	2.20E-01	1.21E-10	0.00E+00	9.53E-01	1.51E-06	7.33E-04	2.43E-03	0.00E+00	4.50E-03	2.12E-10	7.14E-09	1.60E-02	4.24E-01	0.00E+00	0.00E+00	1.07E+00	9.60E-03	2.85E+00	0.00E+00	2.41E-08	9.86E-09	6.74E-04	5.50E-07	1.93E-01	0.00E+00	2.85E+00	5.72E-07	2.85E+00	3.06E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	2.94E+01
47753545	2.13E-03	2.35E-01	2.00E-02	2.15E-01	0.00E+00	0.00E+00	7.15E-01	1.13E-06	7.11E-04	2.37E-03	0.00E+00	-1.79E-03	1.48E-10	6.75E-09	1.46E-02	4.06E-01	0.00E+00	0.00E+00	8.36E-01	2.36E-02	2.70E+00	0.00E+00	2.38E-08	9.21E-09	6.58E-04	5.98E-07	1.74E-01	0.00E+00	2.70E+00	4.12E-07	2.70E+00	2.87E+00	1.74E-01	0.00E+00	0.00E+00	0.00E+00	2.34E+01
47753552	2.26E-03	3.53E-01	2.02E-02	2.64E-01	0.00E+00	0.00E+00	1.12E+00	1.86E-06	9.12E-04	2.97E-03	0.00E+00	-1.40E-03	5.82E-10	9.71E-09	1.58E-02	4.71E-01	0.00E+00	0.00E+00	1.27E+00	1.51E-02	3.35E+00	0.00E+00	2.82E-08	1.18E-08	7.87E-04	5.68E-07	2.59E-01	0.00E+00	3.35E+00	6.57E-07	3.35E+00	3.64E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	4.07E+01
47753555	2.14E-03	2.85E-01	1.86E-02	2.41E-01	0.00E+00	0.00E+00	8.76E-01	1.65E-06	8.09E-04	2.67E-03	0.00E+00	-1.30E-03	2.91E-10	9.59E-09	1.50E-02	4.39E-01	0.00E+00	0.00E+00	1.03E+00	1.69E-02	2.86E+00	0.00E+00	2.45E-08	1.00E-08	7.04E-04	4.76E-07	2.02E-01	0.00E+00	2.86E+00	5.36E-07	2.86E+00	3.07E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	3.08E+01
47753565	2.23E-03	3.09E-01	1.95E-02	2.58E-01	0.00E+00	0.00E+00	9.35E-01	1.81E-06	8.06E-04	2.59E-03	0.00E+00	-1.35E-03	2.36E-10	8.10E-09	1.48E-02	4.45E-01	0.00E+00	0.00E+00	9.99E-01	1.62E-02	2.90E+00	0.00E+00	2.49E-08	1.10E-08	7.29E-04	5.66E-07	2.06E-01	0.00E+00	2.90E+00	5.85E-07	2.90E+00	3.09E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+01
47761404	1.41E-03	1.67E-01	9.84E-03	1.60E-01	0.00E+00	0.00E+00	7.83E-01	1.89E-06	4.57E-04	1.56E-03	0.00E+00	-6.60E-04	1.21E-10	5.00E-09	6.69E-03	2.88E-01	0.00E+00	0.00E+00	7.36E-01	1.08E-02	1.79E+00	0.00E+00	1.46E-08	7.14E-09	4.54E-04	2.74E-07	1.33E-01	0.00E+00	1.79E+00	5.43E-07	1.79E+00	1.95E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
47761606	1.59E-03	1.71E-01	9.79E-03	1.62E-01	0.00E+00	0.00E+00	8.14E-01	1.92E-06	4.74E-04	1.59E-03	0.00E+00	-7.13E-04	1.35E-10	5.19E-09	6.87E-03	2.95E-01	0.00E+00	0.00E+00	7.57E-01	9.43E-03	1.82E+00	0.00E+00	1.46E-08	7.23E-09	4.65E-04	2.43E-07	1.37E-01	0.00E+00	1.82E+00	5.47E-07	1.82E+00	1.96E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.73E+01
47761909	1.59E-03	1.71E-01	9.79E-03	1.62E-01	0.00E+00	0.00E+00	8.14E-01	1.92E-06	4.74E-04	1.59E-03	0.00E+00	-7.13E-04	1.35E-10	5.19E-09	6.87E-03	2.95E-01	0.00E+00	0.00E+00	7.57E-01	9.43E-03	1.82E+00	0.00E+00	1.46E-08	7.23E-09	4.65E-04	2.43E-07	1.37E-01	0.00E+00	1.82E+00	5.47E-07	1.82E+00	1.96E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.73E+01
47771404	7.75E-04	1.58E-01	2.00E-02	1.47E-01	0.00E+00	0.00E+00	5.87E-01	1.38E-06	2.66E-04	1.31E-03	0.00E+00	-1.61E-03	8.77E-10	1.63E-09	5.60E-03	1.97E-01	0.00E+00	0.00E+00	2.42E-01	7.04E-02	1.21E+00	0.00E+00	9.55E-09	4.95E-09	3.44E-04	9.43E-07	8.03E-02	0.00E+00	1.21E+00	-3.98E-07	1.21E+00	1.29E+00	8.03E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
47771606	1.17E-03	1.55E-01	9.31E-03	1.47E-01	0.00E+00	0.00E+00	6.52E-01	1.59E-06	4.10E-04	1.40E-03	0.00E+00	-6.55E-04	1.19E-10	4.37E-09	6.39E-03	2.46E-01	0.00E+00	0.00E+00	6.23E-01	1.07E-02	1.53E+00	0.00E+00	1.23E-08	5.97E-09	4.24E-04	2.72E-07	1.15E-01	0.00E+00	1.53E+00	4.33E-07	1.53E+00	1.61E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.23E+01
47771909	1.47E-03	1.67E-01	9.85E-03	1.58E-01	0.00E+00	0.00E+00	7.81E-01	1.88E-06	4.52E-04	1.55E-03	0.00E+00	-6.60E-04	1.21E-10	4.93E-09	6.69E-03	2.87E-01	0.00E+00	0.00E+00	7.35E-01	1.07E-02	1.79E+00	0.00E+00	1.46E-08	7.12E-09	4.51E-04	2.74E-07	1.33E-01	0.00E+00	1.79E+00	5.34E-07	1.79E+00	1.94E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
47781404	8.39E-04	1.69E-01	2.05E-02	1.59E-01	0.00E+00	0.00E+00	7.56E-01	1.65E-06	2.99E-04	1.43E-03	0.00E+00	-1.65E-03	8.81E-10	1.74E-09	5.73E-03	2.22E-01	0.00E+00	0.00E+00	2.73E-01	7.15E-02	1.40E+00	0.00E+00	1.12E-08	5.71E-09	3.52E-04	9.50E-07	8.98E-02	0.00E+00	1.40E+00	-3.62E-07	1.40E+00	1.53E+00	8.98E-02	0.00E+00	0.00E+00	0.00E+00	1.82E+01
47781606	7.72E-04	1.54E-01	1.83E-02	1.42E-01	0.00E+00	0.00E+00	6.46E-01	1.45E-06	2.61E-04	1.29E-03	0.00E+00	-1.31E-03	1.20E-10	1.70E-09	5.60E-03	1.96E-01	0.00E+00	0.00E+00	2.45E-01	4.89E-02	1.22E+00	0.00E+00	9.58E-09	4.94E-09	3.41E-04	7.26E-07	8.11E-02	0.00E+00	1.22E+00	-2.24E-07	1.22E+00	1.30E+00	8.11E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
47781909	1.47E-03	1.57E-01	9.54E-03	1.48E-01	0.00E+00	0.00E+00	7.72E-01	1.74E-06	4.60E-04	1.43E-03	0.00E+00	-7.13E-04	1.30E-10	5.10E-09	6.16E-03	2.70E-01	0.00E+00	0.00E+00	6.95E-01	9.42E-03	1.60E+00	0.00E+00	1.29E-08	6.37E-09	4.16E-04	2.41E-07	1.25E-01	0.00E+00	1.60E+00	4.33E-07	1.60E+00	1.72E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
47791909	1.46E-03	1.67E-01	9.75E-03	1.58E-01	0.00E+00	0.00E+00	7.72E-01	1.85E-06	4.45E-04	1.55E-03	0.00E+00	-6.64E-04	1.20E-10	4.87E-09	6.60E-03	2.83E-01	0.00E+00	0.00E+00	7.21E-01	1.06E-02	1.76E+00	0.00E+00	1.42E-08	7.04E-09	4.51E-04	2.81E-07	1.31E-01	0.00E+00	1.76E+00	5.32E-07	1.76E+00	1.89E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
47843512	2.18E-03	2.34E-01	1.77E-02	2.17E-01	0.00E+00	0.00E+00	8.05E-01	1.43E-06	7.13E-04	2.38E-03	0.00E+00	-1.45E-03	2.40E-10	6.99E-09	1.48E-02	4.24E-01	0.00E+00	0.00E+00	1.04E+00	1.91E-02	2.77E+00	0.00E+00	2.40E-08	9.63E-09	6.65E-04	4.90E-07	1.96E-01	0.00E+00	2.77E+00	5.15E-07	2.77E+00	2.97E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	3.19E+01
47843515	1.50E-03	2.34E-01	1.77E-02	2.16E-01	0.00E+00	0.00E+00	8.03E-01	1.43E-06	7.12E-04	2.37E-03	0.00E+00	-1.45E-03	2.40E-10	7.00E-09	1.47E-02	4.23E-01	0.00E+00	0.00E+00	1.03E+00	1.91E-02	2.76E+00	0.00E+00	2.39E-08	9.60E-09	6.63E-04	4.90E-07	1.96E-01	0.00E+00	2.76E+00	5.12E-07	2.76E+00	2.96E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+01
47843532	1.77E-03	2.37E-01	2.00E-02	2.18E-01	9.41E-11	0.00E+00	1.03E+00	1.39E-06	7.41E-04	2.42E-03	0.00E+00	3.47E-04	2.29E-10	7.02E-09	1.60E-02	4.28E-01	0.00E+00	0.00E+00	1.11E+00	1.09E-02	2.85E+00	0.00E+00	2.41E-08	9.87E-09	6.74E-04	5.16E-07	2.00E-01	0.00E+00	2.85E+00	5.53E-07	2.85E+00	3.07E+00	2.00E-01	0.00E+00	0.00E+00	0.00E+00	3.12E+01
47843535	1.74E-03	2.40E-01	1.99E-02	2.21E-01	5.78E-10	0.00E+00	9.11E-01	1.46E-06	7.38E-04	2.45E-03	0.00E+00	-8.41E-05	2.11E-10	7.24E-09	1.60E-02	4.26E-01	0.00E+00	0.00E+00	1.08E+00	1.73E-02	2.86E+00	0.00E+00	2.43E-08	9.88E-09	6.76E-04	5.38E-07	1.93E-01	0.00E+00	2.86E+00	5.30E-07	2.86E+00	3.07E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	2.96E+01
47843542	1.69E-03	2.40E-01	1.55E-02	2.20E-01	1.11E-10	0.00E+00	1.01E+00	1.41E-06	7.22E-04	2.47E-03	0.00E+00	-3.62E-04	2.57E-10	6.76E-09	1.59E-02	4.42E-01	0.00E+00	0.00E+00	1.07E+00	1.09E-02	2.86E+00	0.00E+00	2.46E-08	9.78E-09	6.96E-04	3.60E-07	2.03E-01	0.00E+00	2.86E+00	5.38E-07	2.86E+00	3.10E+00	2.03E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
47843545	2.14E-03	2.40E-01	2.03E-02	2.20E-01	0.00E+00	0.00E+00	8.17E-01	1.34E-06	7.05E-04	2.41E-03	0.00E+00	-1.79E-03	1.64E-10	6.87E-09	1.49E-02	4.20E-01	0.00E+00	0.00E+00	8.97E-01	2.36E-02	2.78E+00	0.00E+00	2.43E-08	9.46E-09	6.70E-04	5.99E-07	1.84E-01	0.00E+00	2.78E+00	4.30E-07	2.78E+00	2.96E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	2.57E+01
47851606	1.09E-03	1.51E-01	9.23E-03	1.44E-01	0.00E+00	0.00E+00	6.58E-01	1.58E-06	3.88E-04	1.37E-03	0.00E+00	-6.51E-04	1.19E-10	4.29E-09	6.34E-03	2.41E-01	0.00E+00	0.00E+00	6.27E-01	1.00E-02	1.51E+00	0.00E+00	1.22E-08	5.94E-09	4.23E-04	2.69E-07	1.15E-01	0.00E+00	1.51E+00	4.24E-07	1.51E+00	1.59E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.23E+01
47851909	1.12E-03	1.56E-01	9.34E-03	1.46E-01	0.00E+00	0.00E+00	6.22E-01	1.58E-06	4.15E-04	1.38E-03	0.00E+00	-6.55E-04	1.18E-10	4.34E-09	6.12E-03	2.39E-01	0.00E+00	0.00E+00	6.10E-01	1.06E-02	1.50E+00	0.00E+00	1.20E-08	5.89E-09	4.22E-04	2.72E-07	1.14E-01	0.00E+00	1.50E+00	4.29E-07	1.50E+00	1.57E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.25E+01
47861949	7.89E-04	8.48E-02	1.69E-02	7.06E-02	0.00E+00	0.00E+00	5.35E-01	1.12E-06	3.28E-04	7.05E-04	0.00E+00	-1.78E-03	9.59E-11	3.92E-09	3.45E-03	1.53E-01	0.00E+00	0.00E+00	4.36E-01	2.44E-02	7.33E-01	0.00E+00	6.21E-09	3.09E-09	1.87E-04	5.92E-07	7.47E-02	0.00E+00	7.33E-01	-6.58E-08	7.33E-01	8.67E-01	7.47E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
47867109	7.41E-04	9.95E-02	1.73E-02	8.47E-02	0.00E+00	0.00E+00	6.09E-01	1.29E-06	3.49E-04	8.47E-04	0.00E+00	-1.87E-03	9.80E-11	4.13E-09	4.24E-03	1.85E-01	0.00E+00	0.00E+00	5.20E-01	2.64E-02	1.04E+00	0.00E+00	8.15E-09	4.00E-09	2.48E-04	6.44E-07	8.83E-02	0.00E+00	1.04E+00	5.90E-08	1.04E+00	1.13E+00	8.83E-02	0.00E+00	0.00E+00	0.00E+00	1.85E+01
47871909	1.08E-03	1.53E-01	9.34E-03	1.45E-01	0.00E+00	0.00E+00	6.23E-01	1.56E-06	3.90E-04	1.37E-03	0.00E+00	-6.55E-04	1.19E-10	4.21E-09	6.08E-03	2.34E-01	0.00E+00	0.00E+00	6.07E-01	1.03E-02	1.49E+00	0.00E+00	1.19E-08	5.83E-09	4.20E-04	2.73E-07	1.13E-01	0.00E+00	1.49E+00	4.28E-07	1.49E+00	1.55E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.22E+01
478816	5.85E-04	3.56E-02	2.28E-03	3.63E-02	0.00E+00	0.00E+00	2.26E-01	5.58E-07	3.30E-04	3.85E-04	0.00E+00	-1.83E-04	3.87E-11	3.62E-09	1.61E-03	1.00E-01	2.25E-09	0.00E+00	2.11E-01	5.08E-04	5.45E-01	0.00E+00	4.27E-09	2.32E-09	1.22E-04	1.50E-08	4.23E-02	0.00E+00	5.45E-01	1.11E-07	5.45E-01	5.62E-01	4.23E-02	0.00E+00	0.00E+00	0.00E+00	8.82E+00
478819	5.80E-04	3.70E-02	2.27E-03	3.99E-02	0.00E+00	0.00E+00	2.17E-01	5.86E-07	3.06E-04	4.34E-04	0.00E+00	-1.83E-04	3.60E-11	3.51E-09	1.63E-03	9.85E-02	2.25E-09	0.00E+00	2.05E-01	2.37E-04	5.38E-01	0.00E+00	4.26E-09	2.28E-09	1.27E-04	1.86E-08	3.98E-02	0.00E+00	5.38E-01	1.19E-07	5.38E-01	5.61E-01	3.98E-02	0.00E+00	0.00E+00	0.00E+00	7.95E+00
478826	6.29E-04	3.61E-02	2.30E-03	3.88E-02	0.00E+00	0.00E+00	2.27E-01	5.58E-07	3.24E-04	4.27E-04	0.00E+00	-1.83E-04	3.86E-11	3.70E-09	1.64E-03	1.01E-01	2.25E-09	0.00E+00	2.14E-01	3.74E-04	5.50E-01	0.00E+00	4.34E-09	2.39E-09	1.32E-04	1.62E-08	4.26E-02	0.00E+00	5.50E-01	1.21E-07	5.50E-01	5.69E-01	4.26E-02	0.00E+00	0.00E+00	0.00E+00	8.88E+00
478829	6.26E-04	3.66E-02	2.27E-03	3.88E-02	0.00E+00	0.00E+00	2.26E-01	5.63E-07	3.29E-04	4.24E-04	0.00E+00	-1.83E-04	3.60E-11	3.66E-09	1.60E-03	1.01E-01	2.25E-09	0.00E+00	2.15E-01	2.62E-04	5.43E-01	0.00E+00	4.29E-09	2.34E-09	1.28E-04	1.50E-08	4.21E-02	0.00E+00	5.43E-01	1.21E-07	5.43E-01	5.66E-01	4.21E-02	0.00E+00	0.00E+00	0.00E+00	8.72E+00
478836	5.79E-04	3.71E-02	2.28E-03	3.89E-02	0.00E+00	0.00E+00	2.16E-01	5.92E-07	3.12E-04	4.31E-04	0.00E+00	-1.83E-04	3.86E-11	3.52E-09	1.62E-03	9.85E-02	2.25E-09	0.00E+00	2.07E-01	4.99E-04	5.41E-01	0.00E+00	4.27E-09	2.32E-09	1.27E-04	1.75E-08	4.00E-02	0.00E+00	5.41E-01	1.20E-07	5.41E-01	5.68E-01	4.00E-02	0.00E+00	0.00E+00	0.00E+00	7.98E+00
478869	5.94E-04	4.83E-02	2.62E-03	4.52E-02	0.00E+00	0.00E+00	2.20E-01	5.90E-07	3.08E-04	4.76E-04	0.00E+00	-2.06E-04	3.72E-11	3.55E-09	1.80E-03	1.03E-01	2.25E-09	0.00E+00	2.10E-01	5.34E-04	5.57E-01	0.00E+00	4.36E-09	2.37E-09	1.42E-04	5.85E-08	4.23E-02	0.00E+00	5.57E-01	1.35E-07	5.57E-01	5.80E-01	4.23E-02	0.00E+00	0.00E+00	0.00E+00	8.05E+00
47893502	1.26E-03	1.44E-01	9.57E-03	1.35E-01	7.72E-11	0.00E+00	6.28E-01	1.32E-06	8.26E-04	1.39E-03	0.00E+00	2.00E-03	1.71E-10	8.06E-09	9.25E-03	3.21E-01	0.00E+00	0.00E+00	7.65E-01	7.36E-03	1.58E+00	0.00E+00	1.38E-08	6.26E-09	4.29E-04	2.26E-07	1.41E-01	0.00E+00	1.58E+00	3.27E-07	1.58E+00	1.70E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
47893505	1.40E-03	1.46E-01	9.45E-03	1.36E-01	0.00E+00	0.00E+00	6.63E-01	1.17E-06	7.83E-04	1.52E-03	0.00E+00	-5.97E-04	1.70E-10	8.51E-09	9.22E-03	3.28E-01	0.00E+00	0.00E+00	7.69E-01	7.90E-03	1.82E+00	0.00E+00	1.58E-08	6.84E-09	4.51E-04	2.08E-07	1.44E-01	0.00E+00	1.82E+00	3.31E-07	1.82E+00	1.96E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
47893522	1.66E-03	2.64E-01	1.80E-02	2.42E-01	4.16E-10	0.00E+00	1.15E+00	1.64E-06	7.45E-04	2.67E-03	0.00E+00	4.00E-03	2.86E-10	7.85E-09	1.72E-02	4.43E-01	0.00E+00	0.00E+00	1.11E+00	9.16E-03	3.11E+00	0.00E+00	2.56E-08	1.01E-08	7.46E-04	4.25E-07	2.13E-01	0.00E+00	3.11E+00	6.61E-07	3.11E+00	3.32E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	3.51E+01
47893525	2.78E-03	2.82E-01	1.61E-02	2.66E-01	0.00E+00	0.00E+00	1.31E+00	2.33E-06	1.56E-03	2.98E-03	0.00E+00	-8.62E-04	3.37E-10	1.69E-08	1.81E-02	6.49E-01	0.00E+00	0.00E+00	1.52E+00	1.14E-02	3.57E+00	0.00E+00	3.10E-08	1.35E-08	8.86E-04	3.09E-07	2.85E-01	0.00E+00	3.57E+00	6.87E-07	3.57E+00	3.86E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	4.99E+01
47911404	8.00E-04	1.68E-01	2.00E-02	1.58E-01	0.00E+00	0.00E+00	6.69E-01	1.60E-06	2.88E-04	1.38E-03	0.00E+00	-1.62E-03	8.81E-10	1.70E-09	5.52E-03	2.11E-01	0.00E+00	0.00E+00	2.68E-01	7.12E-02	1.32E+00	0.00E+00	1.04E-08	5.44E-09	3.48E-04	9.45E-07	8.59E-02	0.00E+00	1.32E+00	-3.66E-07	1.32E+00	1.41E+00	8.59E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
47911606	1.24E-03	1.84E-01	9.89E-03	1.67E-01	0.00E+00	0.00E+00	7.87E-01	1.88E-06	4.88E-04	1.59E-03	0.00E+00	-6.88E-04	1.21E-10	5.96E-09	6.61E-03	2.89E-01	0.00E+00	0.00E+00	7.36E-01	1.12E-02	1.80E+00	0.00E+00	1.46E-08	7.09E-09	4.65E-04	3.04E-07	1.33E-01	0.00E+00	1.80E+00	5.35E-07	1.80E+00	1.94E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
47911616	1.35E-03	1.62E-01	9.33E-03	1.54E-01	0.00E+00	0.00E+00	6.76E-01	1.65E-06	4.24E-04	1.45E-03	0.00E+00	-6.55E-04	1.19E-10	4.52E-09	6.50E-03	2.62E-01	0.00E+00	0.00E+00	6.44E-01	1.06E-02	1.57E+00	0.00E+00	1.25E-08	6.16E-09	4.39E-04	2.73E-07	1.19E-01	0.00E+00	1.57E+00	4.49E-07	1.57E+00	1.67E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.34E+01
47911909	1.26E-03	1.68E-01	1.00E-02	1.64E-01	0.00E+00	0.00E+00	7.85E-01	1.87E-06	4.73E-04	1.59E-03	0.00E+00	-6.86E-04	1.21E-10	5.90E-09	6.59E-03	2.88E-01	0.00E+00	0.00E+00	7.31E-01	1.08E-02	1.79E+00	0.00E+00	1.46E-08	7.07E-09	4.64E-04	3.00E-07	1.33E-01	0.00E+00	1.79E+00	5.34E-07	1.79E+00	1.93E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
47911919	1.51E-03	1.70E-01	1.05E-02	1.59E-01	0.00E+00	0.00E+00	7.76E-01	1.85E-06	4.43E-04	1.57E-03	0.00E+00	-8.22E-04	1.28E-10	4.83E-09	6.68E-03	2.84E-01	0.00E+00	0.00E+00	7.27E-01	1.09E-02	1.78E+00	0.00E+00	1.43E-08	7.06E-09	4.56E-04	2.77E-07	1.32E-01	0.00E+00	1.78E+00	5.28E-07	1.78E+00	1.91E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
47921404	1.34E-03	1.63E-01	9.37E-03	1.51E-01	0.00E+00	0.00E+00	6.81E-01	1.74E-06	4.29E-04	1.45E-03	0.00E+00	-6.93E-04	1.19E-10	4.62E-09	6.25E-03	2.58E-01	0.00E+00	0.00E+00	6.74E-01	1.33E-02	1.60E+00	0.00E+00	1.28E-08	6.31E-09	4.38E-04	2.73E-07	1.21E-01	0.00E+00	1.60E+00	4.54E-07	1.60E+00	1.68E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
47921606	1.33E-03	1.59E-01	9.31E-03	1.49E-01	0.00E+00	0.00E+00	6.82E-01	1.65E-06	4.22E-04	1.42E-03	0.00E+00	-6.55E-04	1.19E-10	4.44E-09	6.45E-03	2.53E-01	0.00E+00	0.00E+00	6.45E-01	1.07E-02	1.56E+00	0.00E+00	1.26E-08	6.17E-09	4.28E-04	2.72E-07	1.19E-01	0.00E+00	1.56E+00	4.39E-07	1.56E+00	1.66E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.34E+01
47921909	1.33E-03	1.66E-01	9.85E-03	1.59E-01	0.00E+00	0.00E+00	7.81E-01	1.87E-06	4.52E-04	1.56E-03	0.00E+00	-6.67E-04	1.21E-10	4.94E-09	6.59E-03	2.87E-01	0.00E+00	0.00E+00	7.32E-01	1.07E-02	1.79E+00	0.00E+00	1.46E-08	7.06E-09	4.52E-04	2.90E-07	1.33E-01	0.00E+00	1.79E+00	5.37E-07	1.79E+00	1.94E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01
47931909	1.40E-03	1.56E-01	1.02E-02	1.45E-01	0.00E+00	0.00E+00	7.34E-01	1.67E-06	4.29E-04	1.41E-03	0.00E+00	-8.22E-04	1.23E-10	4.73E-09	5.98E-03	2.59E-01	0.00E+00	0.00E+00	6.65E-01	1.09E-02	1.56E+00	0.00E+00	1.26E-08	6.20E-09	4.07E-04	2.76E-07	1.20E-01	0.00E+00	1.56E+00	4.15E-07	1.56E+00	1.68E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
47941606	8.55E-04	1.69E-01	1.88E-02	1.57E-01	0.00E+00	0.00E+00	7.62E-01	1.69E-06	2.96E-04	1.42E-03	0.00E+00	-1.39E-03	1.21E-10	1.83E-09	5.68E-03	2.20E-01	0.00E+00	0.00E+00	2.75E-01	5.14E-02	1.39E+00	0.00E+00	1.10E-08	5.72E-09	3.50E-04	7.33E-07	8.99E-02	0.00E+00	1.39E+00	-1.78E-07	1.39E+00	1.51E+00	8.99E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
47941909	1.08E-03	1.53E-01	9.34E-03	1.45E-01	0.00E+00	0.00E+00	6.23E-01	1.56E-06	3.90E-04	1.37E-03	0.00E+00	-6.55E-04	1.19E-10	4.21E-09	6.08E-03	2.34E-01	0.00E+00	0.00E+00	6.07E-01	1.03E-02	1.49E+00	0.00E+00	1.19E-08	5.83E-09	4.20E-04	2.73E-07	1.13E-01	0.00E+00	1.49E+00	4.28E-07	1.49E+00	1.55E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.22E+01
47951909	5.81E-04	1.36E-01	9.28E-03	1.26E-01	0.00E+00	0.00E+00	5.60E-01	1.35E-06	1.71E-04	1.21E-03	0.00E+00	-8.22E-04	9.37E-11	2.01E-09	5.12E-03	1.92E-01	0.00E+00	0.00E+00	5.09E-01	1.09E-02	1.35E+00	0.00E+00	1.09E-08	5.19E-09	3.39E-04	2.74E-07	9.26E-02	0.00E+00	1.35E+00	3.93E-07	1.35E+00	1.44E+00	9.26E-02	0.00E+00	0.00E+00	0.00E+00	1.81E+01
47958982	8.04E-04	1.41E-01	9.27E-03	1.32E-01	0.00E+00	0.00E+00	5.55E-01	1.31E-06	1.74E-04	1.25E-03	0.00E+00	-8.22E-04	9.37E-11	2.00E-09	5.04E-03	1.90E-01	0.00E+00	0.00E+00	4.99E-01	1.09E-02	1.32E+00	0.00E+00	1.08E-08	5.12E-09	3.45E-04	2.74E-07	9.12E-02	0.00E+00	1.32E+00	3.70E-07	1.32E+00	1.41E+00	9.12E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
47958989	5.76E-04	1.41E-01	9.25E-03	1.31E-01	0.00E+00	0.00E+00	5.53E-01	1.30E-06	1.74E-04	1.24E-03	0.00E+00	-8.22E-04	9.34E-11	2.00E-09	4.99E-03	1.88E-01	0.00E+00	0.00E+00	4.95E-01	1.09E-02	1.30E+00	0.00E+00	1.07E-08	5.06E-09	3.42E-04	2.74E-07	9.05E-02	0.00E+00	1.30E+00	3.63E-07	1.30E+00	1.39E+00	9.05E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
48038989	2.87E-04	1.36E-01	4.02E-02	9.62E-02	8.63E-10	0.00E+00	2.13E+00	8.20E-07	7.17E-05	7.58E-04	0.00E+00	3.88E-02	1.35E-08	2.30E-09	9.28E-03	5.15E-02	0.00E+00	0.00E+00	1.42E-01	2.91E-03	7.94E-01	0.00E+00	3.96E-09	2.41E-09	1.86E-04	1.21E-06	5.95E-02	0.00E+00	7.94E-01	1.75E-07	7.94E-01	8.54E-01	5.95E-02	0.00E+00	0.00E+00	0.00E+00	5.10E+00
53420212	9.32E-04	9.63E-02	2.98E-03	8.34E-02	0.00E+00	0.00E+00	5.01E-01	1.07E-06	4.51E-04	9.79E-04	0.00E+00	-1.83E-04	9.35E-11	4.94E-09	3.69E-03	1.76E-01	2.09E-06	0.00E+00	3.86E-01	1.38E-03	8.56E-01	0.00E+00	6.96E-09	3.66E-09	2.76E-04	3.28E-08	7.67E-02	0.00E+00	8.56E-01	1.91E-07	8.56E-01	9.38E-01	7.67E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
53420216	1.13E-03	1.01E-01	3.26E-03	9.77E-02	0.00E+00	0.00E+00	5.48E-01	9.54E-07	4.36E-04	8.99E-04	0.00E+00	-7.06E-05	1.01E-10	5.07E-09	3.41E-03	1.72E-01	0.00E+00	0.00E+00	4.34E-01	9.43E-04	7.65E-01	0.00E+00	6.49E-09	3.32E-09	2.49E-04	3.06E-08	7.90E-02	0.00E+00	7.65E-01	1.03E-07	7.65E-01	8.44E-01	7.90E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
53420219	7.61E-04	1.01E-01	3.26E-03	9.77E-02	0.00E+00	0.00E+00	5.48E-01	9.54E-07	4.36E-04	8.99E-04	0.00E+00	-7.06E-05	1.01E-10	5.07E-09	3.41E-03	1.72E-01	0.00E+00	0.00E+00	4.34E-01	9.43E-04	7.65E-01	0.00E+00	6.49E-09	3.32E-09	2.49E-04	3.06E-08	7.90E-02	0.00E+00	7.65E-01	1.03E-07	7.65E-01	8.44E-01	7.90E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
53420409	7.86E-04	9.89E-02	1.84E-02	8.64E-02	6.55E-11	0.00E+00	6.85E-01	1.31E-06	3.63E-04	8.56E-04	0.00E+00	-2.69E-04	1.09E-10	4.52E-09	5.59E-03	2.13E-01	0.00E+00	0.00E+00	5.63E-01	2.59E-02	1.11E+00	0.00E+00	7.97E-09	4.23E-09	2.54E-04	6.18E-07	9.75E-02	0.00E+00	1.11E+00	1.10E-07	1.11E+00	1.21E+00	9.75E-02	0.00E+00	0.00E+00	0.00E+00	1.97E+01

61419308	4.55E-04	3.86E-02	6.43E-03	3.46E-02	0.00E+00	0.00E+00	2.26E-01	5.33E-07	2.75E-04	3.69E-04	0.00E+00	-6.14E-04	3.75E-11	2.93E-09	1.72E-03	9.57E-02	0.00E+00	0.00E+00	2.24E-01	8.42E-03	4.64E-01	0.00E+00	3.64E-09	1.97E-09	1.21E-04	2.10E-07	3.96E-02	0.00E+00	4.64E-01	7.37E-08	4.64E-01	5.07E-01	3.96E-02	0.00E+00	0.00E+00	0.00E+00	8.33E+00
6147431909	8.42E-04	7.65E-02	1.71E-02	5.94E-02	0.00E+00	0.00E+00	5.14E-01	9.87E-07	3.19E-04	5.86E-04	0.00E+00	-1.84E-03	8.98E-11	3.85E-09	2.93E-03	1.39E-01	0.00E+00	0.00E+00	3.95E-01	2.43E-02	6.42E-01	0.00E+00	5.02E-09	2.53E-09	1.71E-04	5.95E-07	6.71E-02	0.00E+00	6.42E-01	-8.81E-08	6.42E-01	7.09E-01	6.71E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
6147438982	5.31E-04	7.42E-02	2.27E-02	5.15E-02	0.00E+00	0.00E+00	5.04E-01	9.44E-07	3.12E-04	5.09E-04	0.00E+00	-2.55E-03	8.86E-11	3.86E-09	2.85E-03	1.33E-01	0.00E+00	0.00E+00	3.81E-01	3.37E-02	5.91E-01	0.00E+00	4.62E-09	2.28E-09	1.51E-04	8.22E-07	6.37E-02	0.00E+00	5.91E-01	-1.97E-07	5.91E-01	6.55E-01	6.37E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
6147438989	5.42E-04	8.17E-02	2.27E-02	5.90E-02	0.00E+00	0.00E+00	5.03E-01	9.38E-07	3.17E-04	5.67E-04	0.00E+00	-2.55E-03	8.85E-11	3.86E-09	2.76E-03	1.32E-01	0.00E+00	0.00E+00	3.78E-01	3.37E-02	5.82E-01	0.00E+00	4.56E-09	2.29E-09	1.62E-04	8.22E-07	6.32E-02	0.00E+00	5.82E-01	-2.01E-07	5.82E-01	6.45E-01	6.32E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
61600049	4.74E-04	6.82E-02	3.86E-03	6.05E-02	1.64E-10	0.00E+00	7.38E-01	7.31E-07	2.63E-04	5.08E-04	0.00E+00	-2.16E-03	9.19E-11	3.27E-09	4.23E-03	1.40E-01	0.00E+00	0.00E+00	3.34E-01	2.68E-04	8.17E-01	0.00E+00	6.13E-09	2.09E-09	1.42E-04	1.04E-07	5.25E-02	0.00E+00	8.17E-01	1.62E-07	8.17E-01	8.91E-01	5.25E-02	0.00E+00	0.00E+00	0.00E+00	9.15E+00
61604049	1.09E-03	1.84E-01	2.02E-02	1.23E-01	1.07E-09	0.00E+00	1.13E+00	1.12E-06	4.11E-04	1.38E-03	0.00E+00	2.04E-03	9.82E-11	4.19E-09	7.05E-03	2.12E-01	0.00E+00	0.00E+00	6.27E-01	8.81E-04	1.27E+00	0.00E+00	1.04E-08	6.57E-09	3.76E-04	3.97E-07	1.92E-01	0.00E+00	1.27E+00	4.43E-07	1.27E+00	1.39E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	1.87E+01
6161032045	7.11E-04	7.96E-02	2.58E-03	7.28E-02	0.00E+00	0.00E+00	3.93E-01	8.88E-07	3.34E-04	7.79E-04	0.00E+00	-2.21E-04	7.83E-11	3.41E-09	3.40E-03	1.54E-01	0.00E+00	0.00E+00	3.56E-01	3.61E-03	8.38E-01	0.00E+00	7.06E-09	3.77E-09	2.44E-04	5.75E-08	6.63E-02	0.00E+00	8.38E-01	2.19E-07	8.38E-01	9.06E-01	6.63E-02	0.00E+00	0.00E+00	0.00E+00	1.26E+01
6161032089	7.18E-04	7.96E-02	2.88E-03	7.29E-02	0.00E+00	0.00E+00	3.93E-01	8.92E-07	3.39E-04	7.81E-04	0.00E+00	-2.41E-04	7.87E-11	3.41E-09	3.33E-03	1.53E-01	0.00E+00	0.00E+00	3.55E-01	1.19E-02	8.37E-01	0.00E+00	6.96E-09	3.76E-09	2.44E-04	1.09E-07	6.60E-02	0.00E+00	8.37E-01	2.09E-07	8.37E-01	8.95E-01	6.60E-02	0.00E+00	0.00E+00	0.00E+00	1.25E+01
6161036084	7.95E-04	7.91E-02	1.59E-02	7.02E-02	0.00E+00	0.00E+00	3.99E-01	8.55E-07	3.33E-04	7.43E-04	0.00E+00	-1.43E-03	7.99E-11	3.49E-09	2.95E-03	1.48E-01	0.00E+00	0.00E+00	3.36E-01	1.95E-02	7.27E-01	0.00E+00	6.24E-09	3.26E-09	2.33E-04	5.06E-07	6.41E-02	0.00E+00	7.27E-01	-7.94E-08	7.27E-01	8.03E-01	6.41E-02	0.00E+00	0.00E+00	0.00E+00	1.26E+01
6161036086	7.31E-04	7.91E-02	1.58E-02	7.02E-02	0.00E+00	0.00E+00	4.11E-01	8.88E-07	3.39E-04	7.42E-04	0.00E+00	-1.42E-03	7.97E-11	3.52E-09	2.99E-03	1.46E-01	0.00E+00	0.00E+00	3.34E-01	1.89E-02	7.30E-01	0.00E+00	6.26E-09	3.25E-09	2.34E-04	4.99E-07	6.35E-02	0.00E+00	7.30E-01	-7.35E-08	7.30E-01	8.08E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	1.23E+01
6161036089	7.30E-04	7.87E-02	1.58E-02	7.01E-02	0.00E+00	0.00E+00	4.11E-01	8.67E-07	3.33E-04	7.41E-04	0.00E+00	-1.42E-03	7.96E-11	3.46E-09	2.93E-03	1.47E-01	0.00E+00	0.00E+00	3.35E-01	1.89E-02	7.27E-01	0.00E+00	6.26E-09	3.23E-09	2.35E-04	4.99E-07	6.31E-02	0.00E+00	7.27E-01	-7.43E-08	7.27E-01	8.05E-01	6.31E-02	0.00E+00	0.00E+00	0.00E+00	1.24E+01
6167031909	4.98E-04	6.10E-02	1.54E-02	4.55E-02	0.00E+00	0.00E+00	4.43E-01	9.29E-07	1.50E-04	4.59E-04	0.00E+00	-1.70E-03	7.44E-11	2.21E-09	2.75E-03	1.08E-01	0.00E+00	0.00E+00	3.36E-01	2.24E-02	6.23E-01	0.00E+00	4.83E-09	2.26E-09	1.35E-04	5.48E-07	5.63E-02	0.00E+00	6.23E-01	-2.55E-08	6.23E-01	6.79E-01	5.63E-02	0.00E+00	0.00E+00	0.00E+00	1.20E+01
6167032045	4.65E-04	6.49E-02	6.48E-03	4.64E-02	0.00E+00	0.00E+00	4.12E-01	8.63E-07	1.84E-04	5.11E-04	0.00E+00	-3.06E-04	7.72E-11	2.55E-09	3.07E-03	1.12E-01	0.00E+00	0.00E+00	3.38E-01	1.10E-02	7.14E-01	0.00E+00	5.74E-09	2.62E-09	1.60E-04	3.34E-07	5.71E-02	0.00E+00	7.14E-01	1.27E-07	7.14E-01	7.97E-01	5.71E-02	0.00E+00	0.00E+00	0.00E+00	1.20E+01
6167032089	4.80E-04	6.49E-02	6.77E-03	4.65E-02	0.00E+00	0.00E+00	4.13E-01	8.62E-07	1.84E-04	5.13E-04	0.00E+00	-3.28E-04	7.72E-11	2.55E-09	3.00E-03	1.12E-01	0.00E+00	0.00E+00	3.37E-01	1.82E-02	7.13E-01	0.00E+00	5.56E-09	2.58E-09	1.59E-04	3.77E-07	5.67E-02	0.00E+00	7.13E-01	1.15E-07	7.13E-01	7.76E-01	5.67E-02	0.00E+00	0.00E+00	0.00E+00	1.19E+01
6167036084	6.32E-04	6.59E-02	1.82E-02	4.53E-02	0.00E+00	0.00E+00	4.43E-01	8.76E-07	1.58E-04	4.92E-04	0.00E+00	-1.51E-03	7.77E-11	2.46E-09	2.50E-03	1.02E-01	0.00E+00	0.00E+00	3.19E-01	2.95E-02	5.64E-01	0.00E+00	4.25E-09	2.06E-09	1.52E-04	6.69E-07	5.33E-02	0.00E+00	5.64E-01	-1.30E-07	5.64E-01	5.99E-01	5.33E-02	0.00E+00	0.00E+00	0.00E+00	1.17E+01
6167036086	4.98E-04	6.59E-02	1.81E-02	4.48E-02	0.00E+00	0.00E+00	4.41E-01	8.76E-07	1.66E-04	4.93E-04	0.00E+00	-1.50E-03	7.77E-11	2.52E-09	2.54E-03	1.02E-01	0.00E+00	0.00E+00	3.17E-01	2.91E-02	5.64E-01	0.00E+00	4.27E-09	2.06E-09	1.52E-04	6.70E-07	5.33E-02	0.00E+00	5.64E-01	-1.26E-07	5.64E-01	6.03E-01	5.33E-02	0.00E+00	0.00E+00	0.00E+00	1.17E+01
6167036089	4.51E-04	6.20E-02	2.00E-02	4.20E-02	0.00E+00	0.00E+00	4.25E-01	8.49E-07	1.45E-04	4.08E-04	0.00E+00	-2.27E-03	7.21E-11	2.19E-09	2.45E-03	9.64E-02	0.00E+00	0.00E+00	3.08E-01	3.00E-02	5.24E-01	0.00E+00	4.05E-09	1.87E-09	1.17E-04	7.32E-07	5.05E-02	0.00E+00	5.24E-01	-1.43E-07	5.24E-01	5.75E-01	5.05E-02	0.00E+00	0.00E+00	0.00E+00	1.10E+01
6167038982	4.50E-04	6.11E-02	1.94E-02	4.17E-02	0.00E+00	0.00E+00	4.25E-01	8.49E-07	1.45E-04	4.06E-04	0.00E+00	-2.20E-03	7.20E-11	2.19E-09	2.45E-03	9.64E-02	0.00E+00	0.00E+00	3.08E-01	2.91E-02	5.24E-01	0.00E+00	4.05E-09	1.87E-09	1.16E-04	7.09E-07	5.06E-02	0.00E+00	5.24E-01	-1.35E-07	5.24E-01	5.75E-01	5.06E-02	0.00E+00	0.00E+00	0.00E+00	1.10E+01
6167038989	2.96E-04	5.92E-02	1.93E-02	3.99E-02	0.00E+00	0.00E+00	4.19E-01	8.25E-07	1.43E-04	3.86E-04	0.00E+00	-2.20E-03	7.13E-11	2.18E-09	2.36E-03	9.31E-02	0.00E+00	0.00E+00	3.00E-01	2.91E-02	4.95E-01	0.00E+00	3.82E-09	1.76E-09	1.10E-04	7.09E-07	4.92E-02	0.00E+00	4.95E-01	-1.49E-07	4.95E-01	5.44E-01	4.92E-02	0.00E+00	0.00E+00	0.00E+00	1.07E+01
6167157003	6.53E-04	6.63E-02	6.67E-03	4.73E-02	0.00E+00	0.00E+00	4.51E-01	9.12E-07	1.79E-04	5.32E-04	0.00E+00	-3.28E-04	7.80E-11	2.60E-09	3.06E-03	1.12E-01	0.00E+00	0.00E+00	3.39E-01	1.82E-02	7.19E-01	0.00E+00	5.57E-09	2.62E-09	1.61E-04	3.79E-07	5.72E-02	0.00E+00	7.19E-01	1.22E-07	7.19E-01	7.85E-01	5.72E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
6167157006	6.42E-04	6.63E-02	6.50E-03	4.75E-02	0.00E+00	0.00E+00	4.14E-01	8.42E-07	1.88E-04	5.32E-04	0.00E+00	-3.28E-04	7.71E-11	2.62E-09	3.08E-03	1.13E-01	0.00E+00	0.00E+00	3.39E-01	1.80E-02	7.18E-01	0.00E+00	5.57E-09	2.63E-09	1.61E-04	3.78E-07	5.77E-02	0.00E+00	7.18E-01	1.20E-07	7.18E-01	7.81E-01	5.77E-02	0.00E+00	0.00E+00	0.00E+00	1.20E+01
6167157009	5.20E-04	6.52E-02	6.86E-03	4.59E-02	0.00E+00	0.00E+00	4.39E-01	8.79E-07	1.82E-04	5.19E-04	0.00E+00	-3.28E-04	7.81E-11	2.56E-09	3.02E-03	1.10E-01	0.00E+00	0.00E+00	3.35E-01	1.84E-02	7.14E-01	0.00E+00	5.49E-09	2.60E-09	1.60E-04	3.77E-07	5.67E-02	0.00E+00	7.14E-01	1.15E-07	7.14E-01	7.69E-01	5.67E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
6167331404	5.40E-04	6.93E-02	1.31E-02	4.39E-02	0.00E+00	0.00E+00	4.04E-01	5.81E-07	1.47E-04	5.71E-04	0.00E+00	-1.15E-03	8.34E-11	1.63E-09	2.91E-03	5.54E-02	0.00E+00	0.00E+00	2.82E-01	4.76E-02	5.64E-01	0.00E+00	4.65E-09	1.98E-09	1.70E-04	6.56E-07	5.00E-02	0.00E+00	5.64E-01	-4.36E-07	5.64E-01	5.92E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	1.13E+01
6167331606	3.92E-04	6.31E-02	1.06E-02	5.25E-02	0.00E+00	0.00E+00	4.70E-01	9.96E-07	1.66E-04	5.50E-04	0.00E+00	-1.08E-03	7.96E-11	2.35E-09	3.45E-03	1.26E-01	0.00E+00	0.00E+00	3.75E-01	1.42E-02	7.71E-01	0.00E+00	6.09E-09	2.77E-09	1.63E-04	3.50E-07	6.52E-02	0.00E+00	7.71E-01	9.49E-08	7.71E-01	8.36E-01	6.52E-02	0.00E+00	0.00E+00	0.00E+00	1.31E+01
6167331909	4.51E-04	6.93E-02	1.30E-02	4.39E-02	0.00E+00	0.00E+00	3.83E-01	5.79E-07	1.45E-04	5.66E-04	0.00E+00	-1.15E-03	8.35E-11	1.67E-09	2.91E-03	5.54E-02	0.00E+00	0.00E+00	2.76E-01	4.76E-02	5.65E-01	0.00E+00	4.65E-09	1.98E-09	1.70E-04	6.56E-07	4.94E-02	0.00E+00	5.65E-01	-4.39E-07	5.65E-01	5.93E-01	4.94E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
6167336086	4.87E-04	6.77E-02	1.78E-02	4.77E-02	0.00E+00	0.00E+00	4.44E-01	8.64E-07	1.89E-04	5.21E-04	0.00E+00	-1.46E-03	7.79E-11	2.64E-09	2.70E-03	1.15E-01	0.00E+00	0.00E+00	3.29E-01	2.84E-02	6.73E-01	0.00E+00	5.12E-09	2.48E-09	1.60E-04	6.55E-07	5.60E-02	0.00E+00	6.73E-01	2.22E-08	6.73E-01	7.10E-01	5.60E-02	0.00E+00	0.00E+00	0.00E+00	1.18E+01
6167336089	4.87E-04	6.65E-02	1.78E-02	4.51E-02	0.00E+00	0.00E+00	4.41E-01	8.39E-07	1.58E-04	5.01E-04	0.00E+00	-1.46E-03	7.84E-11	2.47E-09	2.66E-03	1.14E-01	0.00E+00	0.00E+00	3.26E-01	2.84E-02	6.63E-01	0.00E+00	5.00E-09	2.40E-09	1.58E-04	6.45E-07	5.60E-02	0.00E+00	6.63E-01	4.87E-09	6.63E-01	7.04E-01	5.60E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
6647438982	6.59E-04	8.59E-02	2.42E-02	6.04E-02	0.00E+00	0.00E+00	5.14E-01	1.07E-06	3.55E-04	6.49E-04	0.00E+00	-2.82E-03	9.50E-11	4.75E-09	2.97E-03	1.47E-01	0.00E+00	0.00E+00	3.81E-01	3.70E-02	6.68E-01	0.00E+00	5.25E-09	2.82E-09	2.05E-04	9.03E-07	6.79E-02	0.00E+00	6.68E-01	-2.14E-07	6.68E-01	6.92E-01	6.79E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
6647438989	5.42E-04	8.16E-02	2.27E-02	5.90E-02	0.00E+00	0.00E+00	5.03E-01	9.38E-07	3.17E-04	5.67E-04	0.00E+00	-2.55E-03	8.85E-11	3.86E-09	2.76E-03	1.32E-01	0.00E+00	0.00E+00	3.78E-01	3.36E-02	5.82E-01	0.00E+00	4.56E-09	2.29E-09	1.62E-04	8.20E-07	6.32E-02	0.00E+00	5.82E-01	-2.01E-07	5.82E-01	6.45E-01	6.32E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
6647761404	6.91E-04	7.91E-02	8.65E-03	5.38E-02	0.00E+00	0.00E+00	3.66E-01	5.84E-07	2.55E-04	6.61E-04	0.00E+00	-6.23E-04	8.35E-11	1.81E-09	3.16E-03	7.62E-02	8.67E-10	0.00E+00	3.03E-01	4.28E-02	6.27E-01	0.00E+00	5.62E-09	2.60E-09	1.98E-04	3.66E-07	5.70E-02	0.00E+00	6.27E-01	-1.92E-07	6.27E-01	6.93E-01	5.70E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
6647761606	7.18E-04	9.05E-02	8.67E-03	7.62E-02	0.00E+00	0.00E+00	3.58E-01	5.78E-07	2.73E-04	7.68E-04	0.00E+00	-6.03E-04	7.76E-11	1.92E-09	3.16E-03	7.90E-02	8.67E-10	0.00E+00	3.03E-01	4.29E-02	6.33E-01	0.00E+00	5.74E-09	2.65E-09	2.22E-04	3.75E-07	5.69E-02	0.00E+00	6.33E-01	-1.88E-07	6.33E-01	7.11E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
6647761909	7.19E-04	7.74E-02	4.31E-03	5.84E-02	0.00E+00	0.00E+00	3.83E-01	6.29E-07	2.53E-04	6.83E-04	0.00E+00	-2.45E-04	7.65E-11	1.95E-09	3.20E-03	9.21E-02	8.67E-10	0.00E+00	3.22E-01	1.03E-02	6.41E-01	0.00E+00	5.88E-09	2.72E-09	2.08E-04	1.24E-07	6.03E-02	0.00E+00	6.41E-01	1.87E-08	6.41E-01	7.15E-01	6.03E-02	0.00E+00	0.00E+00	0.00E+00	1.26E+01
6647768989	8.02E-04	8.64E-02	8.67E-03	7.34E-02	0.00E+00	0.00E+00	3.61E-01	5.81E-07	3.06E-04	7.92E-04	0.00E+00	-6.43E-04	7.93E-11	1.94E-09	3.22E-03	8.08E-02	8.67E-10	0.00E+00	3.05E-01	4.35E-02	7.20E-01	0.00E+00	6.43E-09	3.04E-09	2.46E-04	3.75E-07	5.77E-02	0.00E+00	7.20E-01	-1.96E-07	7.20E-01	7.95E-01	5.77E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
6647771606	7.09E-04	8.75E-02	8.65E-03	7.10E-02	0.00E+00	0.00E+00	3.57E-01	5.92E-07	2.66E-04	7.34E-04	0.00E+00	-6.03E-04	8.04E-11	1.90E-09	3.11E-03	7.90E-02	8.67E-10	0.00E+00	3.09E-01	4.29E-02	6.28E-01	0.00E+00	5.71E-09	2.62E-09	2.18E-04	3.66E-07	5.71E-02	0.00E+00	6.28E-01	-2.00E-07	6.28E-01	6.98E-01	5.71E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
6647771909	6.52E-04	8.80E-02	2.92E-03	8.10E-02	0.00E+00	0.00E+00	3.36E-01	7.03E-07	3.35E-04	7.81E-04	0.00E+00	-6.28E-05	6.96E-11	2.79E-09	3.28E-03	1.27E-01	8.67E-10	0.00E+00	3.21E-01	2.70E-04	7.61E-01	0.00E+00	6.43E-09	3.03E-09	2.31E-04	8.17E-08	5.69E-02	0.00E+00	7.61E-01	2.49E-07	7.61E-01	8.28E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	1.09E+01
6647778989	7.99E-04	8.48E-02	8.67E-03	7.26E-02	0.00E+00	0.00E+00	3.58E-01	5.90E-07	2.95E-04	7.82E-04	0.00E+00	-6.18E-04	7.65E-11	1.98E-09	3.19E-03	8.09E-02	8.67E-10	0.00E+00	3.06E-01	4.36E-02	7.20E-01	0.00E+00	6.41E-09	3.05E-09	2.45E-04	3.76E-07	5.70E-02	0.00E+00	7.20E-01	-2.00E-07	7.20E-01	7.92E-01	5.70E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
6647781909	7.13E-04	7.64E-02	4.31E-03	5.69E-02	0.00E+00	0.00E+00	3.79E-01	6.35E-07	2.45E-04	6.72E-04	0.00E+00	-2.45E-04	7.38E-11	1.96E-09	3.14E-03	9.21E-02	8.67E-10	0.00E+00	3.19E-01	1.04E-02	6.28E-01	0.00E+00	5.82E-09	2.72E-09	2.08E-04	1.26E-07	5.88E-02	0.00E+00	6.28E-01	1.23E-08	6.28E-01	7.05E-01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	1.25E+01
6647788989	2.46E-03	3.96E-01	3.07E-02	3.17E-01	0.00E+00	0.00E+00	1.35E+00	2.70E-06	9.10E-04	3.20E-03	0.00E+00	-1.92E-03	2.39E-10	1.13E-08	1.59E-02	4.90E-01	5.36E-06	0.00E+00	1.35E+00	5.31E-02	2.94E+00	0.00E+00	2.29E-08	1.28E-08	9.08E-04	1.00E-06	2.57E-01	0.00E+00	2.94E+00	1.89E-07	2.94E+00	3.19E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.03E+01
67412809	4.64E-04	3.85E-02	6.42E-03	3.30E-02	0.00E+00	0.00E+00	2.22E-01	5.41E-07	2.65E-04	3.53E-04	0.00E+00	-6.17E-04	3.76E-11	2.97E-09	1.68E-03	9.44E-02	0.00E+00	0.00E+00	2.28E-01	8.00E-03	4.91E-01	0.00E+00	3.76E-09	1.99E-09	1.18E-04	1.97E-07	3.97E-02	0.00E+00	4.91E-01	8.64E-08	4.91E-01	5.32E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	8.42E+00
67419405	4.44E-04	3.86E-02	6.47E-03	3.31E-02	0.00E+00	0.00E+00	2.26E-01	5.41E-07	2.49E-04	3.58E-04	0.00E+00	-6.15E-04	3.74E-11	2.92E-09	1.71E-03	9.36E-02	0.00E+00	0.00E+00	2.24E-01	8.42E-03	4.70E-01	0.00E+00	3.67E-09	1.97E-09	1.21E-04	2.04E-07	3.95E-02	0.00E+00	4.70E-01	7.63E-08	4.70E-01	5.06E-01	3.95E-02	0.00E+00	0.00E+00	0.00E+00	8.38E+00
67419409	4.44E-04	3.86E-02	6.48E-03	3.31E-02	0.00E+00	0.00E+00	2.26E-01	5.41E-07	2.49E-04	3.61E-04	0.00E+00	-6.15E-04	3.74E-11	2.92E-09	1.71E-03	9.34E-02	0.00E+00	0.00E+00	2.24E-01	8.42E-03	4.70E-01	0.00E+00	3.68E-09	1.97E-09	1.21E-04	2.04E-07	3.95E-02	0.00E+00	4.70E-01	7.63E-08	4.70E-01	5.06E-01	3.95E-02	0.00E+00	0.00E+00	0.00E+00	8.38E+00
6745643501	9.63E-04	1.19E-01	8.92E-03	1.12E-01	5.26E-11	0.00E+00	4.64E-01	9.29E-07	3.27E-04	1.28E-03	0.00E+00	-1.59E-04	1.28E-10	3.43E-09	8.08E-03	2.22E-01	0.00E+00	0.00E+00	5.74E-01	6.79E-03	1.52E+00	0.00E+00	1.32E-08	5.31E-09	3.57E-04	2.15E-07	1.07E-01	0.00E+00	1.52E+00	3.18E-07	1.52E+00	1.62E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	1.72E+01
6745643503	9.60E-04	1.20E-01	8.76E-03	1.13E-01	2.70E-11	0.00E+00	4.49E-01	8.90E-07	3.28E-04	1.27E-03	0.00E+00	1.58E-04	1.28E-10	3.44E-09	8.07E-03	2.24E-01	0.00E+00	0.00E+00	5.74E-01	7.26E-03	1.52E+00	0.00E+00	1.30E-08	5.21E-09	3.50E-04	2.14E-07	1.07E-01	0.00E+00	1.52E+00	3.23E-07	1.52E+00	1.62E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	1.71E+01
6745643504	9.63E-04	1.19E-01	8.92E-03	1.12E-01	5.27E-11	0.00E+00	4.64E-01	9.29E-07	3.27E-04	1.28E-03	0.00E+00	-1.59E-04	1.28E-10	3.43E-09	8.08E-03	2.22E-01	0.00E+00	0.00E+00	5.74E-01	6.79E-03	1.52E+00	0.00E+00	1.32E-08	5.30E-09	3.57E-04	2.15E-07	1.07E-01	0.00E+00	1.52E+00	3.18E-07	1.52E+00	1.62E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	1.72E+01
6745643507	9.63E-04	1.19E-01	8.92E-03	1.12E-01	5.26E-11	0.00E+00	4.64E-01	9.29E-07	3.27E-04	1.28E-03	0.00E+00	-1.59E-04	1.28E-10	3.43E-09	8.08E-03	2.22E-01	0.00E+00	0.00E+00	5.74E-01	6.79E-03	1.52E+00	0.00E+00	1.32E-08	5.31E-09	3.57E-04	2.15E-07	1.07E-01	0.00E+00	1.52E+00	3.18E-07	1.52E+00	1.62E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	1.72E+01
6745643513	9.66E-04	1.22E-01	8.93E-03	1.14E-01	4.63E-11	0.00E+00	4.62E-01	9.39E-07	3.25E-04	1.28E-03	0.00E+00	7.05E-05	1.28E-10	3.47E-09	8.03E-03	2.22E-01	0.00E+00	0.00E+00	5.79E-01	7.78E-03	1.53E+00	0.00E+00	1.32E-08	5.33E-09	3.57E-04	2.14E-07	1.08E-01	0.00E+00	1.53E+00	3.19E-07	1.53E+00	1.64E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	1.72E+01
6765088962	7.24E-04	7.46E-02	7.23E-03	6.76E-02	0.00E+00	0.00E+00	4.63E-01	9.95E-07	3.64E-04	7.95E-04	0.00E+00	-7.43E-04	8.36E-11	3.94E-09	3.76E-03	1.70E-01	0.00E+00	0.00E+00	3.86E-01	2.73E-02	9.31E-01	0.00E+00	7.61E-09	3.84E-09	2.43E-04	3.11E-07	7.39E-02	0.00E+00	9.31E-01	2.20E-07	9.31E-01	1.03E+00	7.39E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
6765091909	5.03E-04	9.50E-02	2.41E-02	6.97E-02	0.00E+00	0.00E+00	6.10E-01	9.44E-07	2.25E-04	6.93E-04	0.00E+00	-1.74E-03	5.37E-10	1.77E-09	3.26E-03	1.23E-01	0.00E+00	0.00E+00	1.66E-01	5.81E-02	6.22E-01	0.00E+00	5.00E-09	2.77E-09	1.99E-04	9.77E-07	6.22E-02	0.00E+00	6.22E-01	-1.51E-07	6.22E-01	6.92E-01	6.22E-02	0.00E+00	0.00E+00	0.00E+00	1.10E+01
6765091913	5.03E-04	9.68E-02	2.40E-02	7.01E-02	0.00E+00	0.00E+00	6.10E-01	9.33E-07	2.25E-04	6.91E-04	0.00E+00	-1.75E-03	5.54E-10	1.77E-09	3.26E-03	1.24E-01	0.00E+00	0.00E+00	1.68E-01	6.04E-02	6.20E-01	0.00E+00	5.07E-09	2.75E-09	2.00E-04	9.71E-07	6.23E-02	0.00E+00	6.20E-01	-1.37E-07	6.20E-01	6.87E-01	6.23E-02	0.00E+00	0.00E+00	0.00E+00	1.08E+01
6765091914	5.53E-04	9.39E-02	2.27E-02	7.05E-02	0.00E+00	0.00E+00	6.07E-01	9.37E-07	2.25E-04	6.97E-04	0.00E+00	-1.66E-03	5.48E-10	1.74E-09	3.49E-03	1.23E-01	0.00E+00	0.00E+00	1.67E-01	5.90E-02	6.50E-01	0.00E+00	5.48E-09	2.81E-09	2.02E-04	9.57E-07	6.27E-02	0.00E+00	6.50E-01	-1.29E-07	6.50E-01	7.27E-01	6.27E-02	0.00E+00	0.00E+00	0.00E+00	1.08E+01
6765092022	8.50E-04	9.36E-02	1.91E-02	7.53E-02	0.00E+00	0.00E+00	6.12E-01	1.15E-06	3.67E-04	7.40E-04	0.00E+00	-1.16E-03	5.18E-10	4.39E-09	3.72E-03	1.64E-01	0.00E+00	0.00E+00	4.66E-01	3.04E-02	7.44E-01	0.00E+00	6.51E-09	3.32E-09	1.96E-04	7.51E-07	8.20E-02	0.00E+00	7.44E-01	-1.21E-07	7.44E-01	8.74E-01	8.20E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
6765092045	6.68E-04	8.71E-02	1.72E-02	7.65E-02	6.33E-11	0.00E+00	6.44E-01	1.03E-06	3.81E-04	7.88E-04	0.00E+00	-4.96E-04	9.29E-11	4.45E-09	5.89E-03	1.86E-01	0.00E+00	0.00E+00	4.29E-01	1.24E-02	1.08E+00	0.00E+00	7.14E-09	3.61E-09	2.27E-04	6.22E-07	9.20E-02	0.00E+00	1.08E+00	5.76E-08	1.08E+00	1.17E+00	9.20E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
6765092089	6.69E-04	8.78E-02	1.88E-02	7.69E-02	1.13E-10	0.00E+00	6.79E-01	1.05E-06	3.81E-04	7.87E-04	0.00E+00	1.61E-03	9.36E-11	4.46E-09	5.91E-03	1.90E-01	0.00E+00	0.00E+00	4.42E-01	1.28E-02	1.08E+00	0.00E+00	7.09E-09	3.63E-09	2.23E-04	6.21E-07	9.25E-02	0.00E+00	1.08E+00	6.81E-08	1.08E+00	1.17E+00	9.25E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
6765096013	7.33E-04	9.72E-02	2.21E-02	7.34E-02	0.00E+00	0.00E+00	6.03E-01	1.13E-06	3.66E-04	7.03E-04	0.00E+00	-2.12E-03	5.35E-10	4.42E-09	3.46E-03	1.59E-01	0.00E+00	0.00E+00	4.56E-01	3.34E-02	6.94E-01	0.00E+00	5.85E-09	3.07E-09	1.90E-04	7.89E-07	8.01E-02	0.00E+00	6.94E-01	-1.46E-07	6.94E-01	8.03E-01	8.01E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
6765096086	7.33E-04	9.47E-02	2.56E-02	7.24E-02	0.00E+00	0.00E+00	6.05E-01	1.13E-06	3.67E-04	6.90E-04	0.00E+00	-2.37E-03	5.18E-10	4.40E-09	3.11E-03	1.55E-01	0.00E+00	0.00E+00	4.49E-01	3.62E-02	6.73E-01	0.00E+00	5.49E-09	3.08E-09	1.91E-04	9.35E-07	7.73E-02	0.00E+00	6.73E-01	-1.98E-07	6.73E-01	7.53E-01	7.73E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
6765096089	7.05E-04	9.49E-02	2.58E-02	7.21E-02	0.00E+00	0.00E+00	6.04E-01	1.13E-06	3.68E-04	6.85E-04	0.00E+00	-2.42E-03	5.18E-10	4.43E-09	3.11E-03	1.56E-01	0.00E+00	0.00E+00	4.49E-01	3.66E-02	6.71E-01	0.00E+00	5.49E-09	3.07E-09	1.90E-04	9.42E-07	7.73E-02	0.00E+00	6.71E-01	-2.07E-07	6.71E-01	7.56E-01	7.73E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
6765097015	8.91E-04	9.43E-02	1.91E-02	7.55E-02	0.00E+00	0.00E+00	6.11E-01	1.15E-06	3.66E-04	7.40E-04	0.00E+00	-1.16E-03	5.18E-10	4.39E-09	3.73E-03	1.64E-01	0.00E+00	0.00E+00	4.66E-01	3.05E-02	7.45E-01	0.00E+00	6.52E-09	3.33E-09	1.96E-04	7.52E-07	8.20E-02	0.00E+00	7.45E-01	-1.22E-07	7.45E-01	8.76E-01	8.20E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
6765098913	7.13E-04	9.82E-02	2.54E-02	7.23E-02	0.00E+00	0.00E+00	6.14E-01	1.14E-06	3.64E-04	7.07E-04	0.00E+00	-2.39E-03	5.45E-10	4.37E-09	3.19E-03	1.59E-01	0.00E+00	0.00E+00	4.51E-01	3.54E-02	6.77E-01	0.00E+00	5.63E-09	3.05E-09	1.90E-04	9.25E-07	7.66E-02	0.00E+00	6.77E-01	-1.92E-07	6.77E-01	7.69E-01	7.66E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
6765098914	7.22E-04	9.70E-02	2.56E-02	7.33E-02	0.00E+00	0.00E+00	6.15E-01	1.16E-06	3.63E-04	7.04E-04	0.00E+00	-2.41E-03	5.45E-10	4.37E-09	3.12E-03	1.57E-01	0.00E+00	0.00E+00	4.54E-01	3.64E-02	6.70E-01	0.00E+00	5.50E-09	3.06E-09	1.90E-04	9.40E-07	7.74E-02	0.00E+00	6.70E-01	-1.99E-07	6.70E-01	7.51E-01	7.74E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
6765098915	7.13E-04	9.82E-02	2.55E-02	7.23E-02	0.00E+00	0.00E+00	6.14E-01	1.14E-06	3.64E-04	7.04E-04	0.00E+00	-2.39E-03	5.28E-10	4.37E-09	3.19E-03	1.59E-01	0.00E+00	0.00E+00	4.48E-01	3.54E-02	6.76E-01	0.00E+00	5.61E-09	3.04E-09	1.89E-04	9.25E-07	7.62E-02	0.00E+00	6.76E-01	-1.96E-07	6.76E-01	7.67E-01	7.62E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
6765098989	6.70E-04	9.98E-02	2.54E-02	7.57E-02	0.00E+00	0.00E+00	6.03E-01	1.11E-06	3.72E-04	7.03E-04	0.00E+00	-2.36E-03	5.18E-10	4.44E-09	3.32E-03	1.58E-01	0.00E+00	0.00E+00	4.47E-01	3.52E-02	6.80E-01	0.00E+00	5.61E-09	3.04E-09	1.89E-04	9.13E-07	7.81E-02	0.00E+00	6.80E-01	-1.93E-07	6.80E-01	7.70E-01	7.81E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
6765101404	5.41E-04	1.02E-01	2.40E-02	7.18E-02	0.00E+00	0.00E+00	6.54E-01	9.06E-07	2.24E-04	6.96E-04	0.00E+00	-1.02E-03	1.64E-09	1.81E-09	3.22E-03	1.27E-01	0.00E+00	0.00E+00	1.66E-01	6.04E-02	6.74E-01	0.00E+00	5.46E-09	2.86E-09	2.04E-04	9.69E-07	6.22E-02	0.00E+00	6.74E-01	-1.67E-07	6.74E-01	7.43E-01	6.22E-02	0.00E+00	0.00E+00	0.00E+00	1.11E+01
6765101606	5.92E-04	1.02E-01	2.25E-02	7.34E-02	0.00E+00	0.00E+00	6.45E-01	9.10E-07	2.23E-04	7.05E-04	0.00E+00	-1.03E-03	7.05E-10	1.77E-09	3.50E-03	1.28E-01	0.00E+00	0.00E+00	1.69E-01	5.92E-02	7.07E-01	0.00E+00	5.85E-09	2.95E-09	2.08E-04	9.48E-07	6.31E-02	0.00E+00	7.07E-01	-1.57E-07	7.07E-01	7.87E-01	6.31E-02	0.00E+00	0.00E+00	0.00E+00	1.11E+01
6765101909	5.27E-04	1.02E-01	2.40E-02	7.16E-02	0.00E+00	0.00E+00	6.55E-01	9.05E-07	2.24E-04	6.93E-04	0.00E+00	-1.02E-03	1.64E-09	1.81E-09	3.21E-03	1.27E-01	0.00E+00	0.00E+00	1.66E-01	6.03E-02	6.72E-01	0.00E+00	5.43E-09	2.85E-09	2.04E-04	9.67E-07	6.20E-02	0.00E+00	6.72E-01	-1.67E-07	6.72E-01	7.39E-01	6.20E-02	0.00E+00	0.00E+00	0.00E+00	1.10E+01
6765102045	7.17E-04	8.30E-02	1.60E-02	7.14E-02	6.46E-11	0.00E+00	6.35E-01	9.53E-07	3.80E-04	7.50E-04	0.00E+00	-2.55E-04	9.24E-11	4.48E-09	5.13E-03	1.45E-01	0.00E+00	0.00E+00	3.89E-01	1.22E-02	9.85E-01	0.00E+00	7.06E-09	3.57E-09	2.26E-04	6.09E-07	8.11E-02	0.00E+00	9.85E-01	6.16E-08	9.85E-01	1.05E+00	8.11E-02	0.00E+00	0.00E+00	0.00E+00	1.59E+01
6765102089	6.79E-04	8.97E-02	1.97E-02	7.58E-02	1.73E-10	0.00E+00	6.67E-01	1.03E-06	3.82E-04	7.82E-04	0.00E+00	4.23E-03	9.31E-11	4.49E-09	5.68E-03	1.66E-01	0.00E+00	0.00E+00	4.27E-01	1.26E-02	9.98E-01	0.00E+00	6.33E-09	3.50E-09	2.23E-04	6.32E-07	8.77E-02	0.00E+00	9.98E-01	1.01E-07	9.98E-01	1.08E+00	8.77E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
6765106084	9.47E-04	1.03E-01	1.92E-02	8.15E-02	0.00E+00	0.00E+00	6.09E-01	1.11E-06	3.62E-04	7.62E-04	0.00E+00	-4.73E-04	7.15E-10	4.38E-09	3.80E-03	1.67E-01	0.00E+00	0.00E+00	4.59E-01	3.00E-02	7.93E-01	0.00E+00	6.76E-09	3.37E-09	2.01E-04	7.43E-07	8.18E-02	0.00E+00	7.93E-01	-1.40E-07	7.93E-01	9.29E-01	8.18E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
6765106086	9.69E-04	9.72E-02	1.89E-02	7.70E-02	0.00E+00	0.00E+00	6.56E-01	1.17E-06	3.69E-04	7.44E-04	0.00E+00	-4.70E-04	7.15E-10	4.41E-09	3.72E-03	1.66E-01	0.00E+00	0.00E+00	4.68E-01	2.96E-02	7.87E-01	0.00E+00	6.71E-09	3.43E-09	2.01E-04	7.41E-07	8.22E-02	0.00E+00	7.87E-01	-1.40E-07	7.87E-01	9.22E-01	8.22E-02	0.00E+00	0.00E+00	0.00E+00	1.73E+01
6765106089	7.87E-04	1.04E-01	2.08E-02	7.94E-02	0.00E+00	0.00E+00	6.57E-01	1.12E-06	3.62E-04	7.38E-04	0.00E+00	-5.04E-04	8.28E-10	4.40E-09	3.54E-03	1.64E-01	0.00E+00	0.00E+00	4.51E-01	3.15E-02	7.54E-01	0.00E+00	6.08E-09	3.21E-09	1.96E-04	7.70E-07	7.96E-02	0.00E+00	7.54E-01	-1.51E-07	7.54E-01	8.62E-01	7.96E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
6765107003	8.32E-04	1.04E-01	2.08E-02	8.05E-02	0.00E+00	0.00E+00	6.20E-01	1.13E-06	3.61E-04	7.50E-04	0.00E+00	-4.98E-04	1.58E-09	4.38E-09	3.58E-03	1.65E-01	0.00E+00	0.00E+00	4.52E-01	3.15E-02	7.63E-01	0.00E+00	6.22E-09	3.24E-09	1.98E-04	7.71E-07	8.03E-02	0.00E+00	7.63E-01	-1.53E-07	7.63E-01	8.76E-01	8.03E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
6765107006	8.41E-04	1.05E-01	2.08E-02	8.14E-02	0.00E+00	0.00E+00	6.88E-01	1.14E-06	3.59E-04	7.55E-04	0.00E+00	-4.98E-04	1.59E-09	4.38E-09	3.72E-03	1.68E-01	0.00E+00	0.00E+00	4.59E-01	3.16E-02	7.94E-01	0.00E+00	6.48E-09	3.34E-09	2.01E-04	7.67E-07	8.18E-02	0.00E+00	7.94E-01	-1.52E-07	7.94E-01	9.20E-01	8.18E-02	0.00E+00	0.00E+00	0.00E+00	1.67E+01
6765107009	7.93E-04	1.05E-01	2.08E-02	8.05E-02	0.00E+00	0.00E+00	6.86E-01	1.13E-06	3.60E-04	7.45E-04	0.00E+00	-4.87E-04	1.60E-09	4.40E-09	3.72E-03	1.67E-01	0.00E+00	0.00E+00	4.57E-01	3.15E-02	7.75E-01	0.00E+00	6.30E-09	3.28E-09	1.97E-04	7.65E-07	8.11E-02	0.00E+00	7.75E-01	-1.49E-07	7.75E-01	8.99E-01	8.11E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
6765108982	7.53E-04	1.03E-01	2.08E-02	7.90E-02	0.00E+00	0.00E+00	6.61E-01	1.11E-06	3.62E-04	7.40E-04	0.00E+00	-4.82E-04	1.55E-09	4.40E-09	3.49E-03	1.64E-01	0.00E+00	0.00E+00	4.51E-01	3.14E-02	7.49E-01	0.00E+00	6.00E-09	3.22E-09	1.96E-04	7.68E-07	7.99E-02	0.00E+00	7.49E-01	-1.50E-07	7.49E-01	8.53E-01	7.99E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
6765108989	7.61E-04	9.84E-02	2.08E-02	7.55E-02	0.00E+00	0.00E+00	6.62E-01	1.13E-06	3.62E-04	7.21E-04	0.00E+00	-4.82E-04	1.55E-09	4.40E-09	3.36E-03	1.64E-01	0.00E+00	0.00E+00	4.51E-01	3.13E-02	7.47E-01	0.00E+00	5.99E-09	3.26E-09	1.96E-04	7.66E-07	8.03E-02	0.00E+00	7.47E-01	-1.50E-07	7.47E-01	8.53E-01	8.03E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
6765111606	8.52E-04	1.26E-01	1.28E-02	9.59E-02	0.00E+00	0.00E+00	6.20E-01	1.36E-06	3.15E-04	9.37E-04	0.00E+00	-1.77E-03	1.13E-10	2.77E-09	6.43E-03	2.00E-01	0.00E+00	0.00E+00	5.03E-01	1.58E-02	1.28E+00	0.00E+00	9.97E-09	4.56E-09	2.74E-04	3.73E-07	8.59E-02	0.00E+00	1.28E+00	1.87E-07	1.28E+00	1.36E+00	8.59E-02	0.00E+00	0.00E+00	0.00E+00	1.86E+01
6765116084	1.31E-03	1.29E-01	1.31E-02	1.03E-01	0.00E+00	0.00E+00	7.55E-01	1.60E-06	4.25E-04	1.02E-03	0.00E+00	-1.56E-03	1.18E-10	4.52E-09	6.70E-03	2.25E-01	0.00E+00	0.00E+00	6.27E-01	1.64E-02	1.51E+00	0.00E+00	1.19E-08	5.64E-09	3.12E-04	3.94E-07	1.12E-01	0.00E+00	1.51E+00	1.52E-07	1.51E+00	1.65E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.22E+01
6765116086	1.02E-03	1.26E-01	1.55E-02	1.03E-01	0.00E+00	0.00E+00	6.47E-01	1.29E-06	4.13E-04	9.90E-04	0.00E+00	-1.80E-03	1.17E-10	4.29E-09	6.49E-03	2.12E-01	0.00E+00	0.00E+00	5.63E-01	1.60E-02	1.31E+00	0.00E+00	1.02E-08	4.90E-09	3.04E-04	4.30E-07	1.00E-01	0.00E+00	1.31E+00	1.74E-07	1.31E+00	1.40E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	1.94E+01
6765116089	8.58E-04	1.21E-01	1.74E-02	9.57E-02	0.00E+00	0.00E+00	6.56E-01	1.27E-06	3.81E-04	9.53E-04	0.00E+00	-2.52E-03	1.16E-10	4.17E-09	6.04E-03	2.02E-01	0.00E+00	0.00E+00	5.57E-01	2.54E-02	1.26E+00	0.00E+00	1.00E-08	4.46E-09	2.82E-04	6.40E-07	9.68E-02	0.00E+00	1.26E+00	7.79E-08	1.26E+00	1.36E+00	9.68E-02	0.00E+00	0.00E+00	0.00E+00	2.00E+01
6765117006	8.60E-04	1.22E-01	1.74E-02	9.57E-02	0.00E+00	0.00E+00	6.80E-01	1.38E-06	3.78E-04	9.63E-04	0.00E+00	-2.49E-03	1.16E-10	4.23E-09	6.35E-03	2.04E-01	0.00E+00	0.00E+00	5.71E-01	2.44E-02	1.26E+00	0.00E+00	1.01E-08	4.47E-09	2.87E-04	6.06E-07	9.81E-02	0.00E+00	1.26E+00	9.04E-08	1.26E+00	1.35E+00	9.81E-02	0.00E+00	0.00E+00	0.00E+00	2.02E+01
6765118989	4.53E-04	1.25E-01	2.52E-02	8.19E-02	0.00E+00	0.00E+00	6.35E-01	1.17E-06	2.36E-04	7.42E-04	0.00E+00	-2.90E-03	1.21E-10	1.75E-09	5.56E-03	1.34E-01	0.00E+00	0.00E+00	1.69E-01	5.69E-02	1.00E+00	0.00E+00	7.41E-09	3.19E-09	2.10E-04	9.86E-07	6.17E-02	0.00E+00	1.00E+00	5.36E-08	1.00E+00	1.03E+00	6.17E-02	0.00E+00	0.00E+00	0.00E+00	1.17E+01
6765757003	7.89E-04	9.88E-02	1.55E-02	8.73E-02	0.00E+00	0.00E+00	6.04E-01	1.26E-06	3.62E-04	8.96E-04	0.00E+00	-1.47E-03	9.73E-11	4.33E-09	4.05E-03	1.78E-01	0.00E+00	0.00E+00	4.91E-01	1.75E-02	9.56E-01	0.00E+00	7.87E-09	3.77E-09	2.57E-04	4.42E-07	8.60E-02	0.00E+00	9.56E-01	1.35E-07	9.56E-01	1.06E+00	8.60E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
6765757004	7.85E-04	1.03E-01	1.56E-02	8.98E-02	0.00E+00	0.00E+00	6.69E-01	1.37E-06	3.62E-04	9.18E-04	0.00E+00	-1.49E-03	9.90E-11	4.41E-09	4.12E-03	1.82E-01	0.00E+00	0.00E+00	5.19E-01	1.84E-02	9.63E-01	0.00E+00	7.92E-09	3.76E-09	2.60E-04	4.47E-07	8.96E-02	0.00E+00	9.63E-01	1.39E-07	9.63E-01	1.07E+00	8.96E-02	0.00E+00	0.00E+00	0.00E+00	1.98E+01
6765757006	7.29E-04	8.61E-02	1.74E-02	6.69E-02	0.00E+00	0.00E+00	5.70E-01	1.06E-06	3.63E-04	6.53E-04	0.00E+00	-1.86E-03	9.63E-11	4.40E-09	3.45E-03	1.56E-01	0.00E+00	0.00E+00	4.48E-01	2.48E-02	7.13E-01	0.00E+00	5.72E-09	2.94E-09	1.81E-04	6.11E-07	7.79E-02	0.00E+00	7.13E-01	-4.92E-08	7.13E-01	8.18E-01	7.79E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
6765757009	7.42E-04	8.55E-02	1.75E-02	6.48E-02	0.00E+00	0.00E+00	5.74E-01	1.11E-06	3.65E-04	6.49E-04	0.00E+00	-1.85E-03	9.68E-11	4.42E-09	3.46E-03	1.58E-01	0.00E+00	0.00E+00	4.50E-01	2.50E-02	7.20E-01	0.00E+00	5.73E-09	3.17E-09	1.81E-04	6.14E-07	7.97E-02	0.00E+00	7.20E-01	-4.37E-08	7.20E-01	8.28E-01	7.97E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
6765760062	6.18E-04	8.71E-02	1.78E-02	6.47E-02	0.00E+00	0.00E+00	5.63E-01	8.37E-07	2.29E-04	6.81E-04	0.00E+00	-1.95E-03	1.01E-10	1.79E-09	3.56E-03	1.20E-01	0.00E+00	0.00E+00	1.73E-01	5.23E-02	6.62E-01	0.00E+00	5.66E-09	2.64E-09	1.99E-04	7.02E-07	6.46E-02	0.00E+00	6.62E-01	-1.93E-08	6.62E-01	7.57E-01	6.46E-02	0.00E+00	0.00E+00	0.00E+00	1.08E+01

6765760063	5.50E-04	8.76E-02	2.13E-02	6.34E-02	0.00E+00	0.00E+00	5.66E-01	8.37E-07	2.28E-04	6.43E-04	0.00E+00	-2.15E-03	1.27E-10	1.83E-09	3.24E-03	1.21E-01	0.00E+00	0.00E+00	1.63E-01	5.67E-02	6.30E-01	0.00E+00	5.14E-09	2.58E-09	1.95E-04	7.99E-07	6.35E-02	0.00E+00	6.30E-01	-9.93E-08	6.30E-01	7.00E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	1.09E+01
6765761404	6.45E-04	8.62E-02	2.11E-02	6.03E-02	0.00E+00	0.00E+00	5.61E-01	8.25E-07	2.31E-04	6.30E-04	0.00E+00	-2.11E-03	1.09E-10	1.81E-09	3.22E-03	1.06E-01	0.00E+00	0.00E+00	2.03E-01	5.54E-02	6.24E-01	0.00E+00	4.93E-09	2.48E-09	1.87E-04	7.91E-07	6.35E-02	0.00E+00	6.24E-01	-9.38E-08	6.24E-01	7.03E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	1.13E+01
6765761606	7.06E-04	8.49E-02	1.76E-02	6.08E-02	0.00E+00	0.00E+00	5.63E-01	8.28E-07	2.31E-04	6.67E-04	0.00E+00	-1.92E-03	9.98E-11	1.78E-09	3.51E-03	1.09E-01	0.00E+00	0.00E+00	2.06E-01	5.23E-02	6.55E-01	0.00E+00	5.56E-09	2.62E-09	1.91E-04	6.79E-07	6.49E-02	0.00E+00	6.55E-01	-2.67E-08	6.55E-01	7.58E-01	6.49E-02	0.00E+00	0.00E+00	0.00E+00	1.15E+01
6765761909	5.50E-04	8.71E-02	2.11E-02	6.26E-02	0.00E+00	0.00E+00	5.65E-01	8.40E-07	2.28E-04	6.45E-04	0.00E+00	-2.15E-03	1.10E-10	1.82E-09	3.24E-03	1.19E-01	0.00E+00	0.00E+00	1.74E-01	5.64E-02	6.31E-01	0.00E+00	5.11E-09	2.53E-09	1.93E-04	7.95E-07	6.37E-02	0.00E+00	6.31E-01	-9.29E-08	6.31E-01	7.08E-01	6.37E-02	0.00E+00	0.00E+00	0.00E+00	1.09E+01
6765762045	6.38E-04	8.46E-02	1.67E-02	6.49E-02	0.00E+00	0.00E+00	5.63E-01	1.04E-06	3.65E-04	6.37E-04	0.00E+00	-1.60E-03	9.56E-11	4.41E-09	3.32E-03	1.48E-01	0.00E+00	0.00E+00	4.34E-01	2.26E-02	6.99E-01	0.00E+00	5.52E-09	2.83E-09	1.77E-04	5.80E-07	7.35E-02	0.00E+00	6.99E-01	-2.86E-08	6.99E-01	7.93E-01	7.35E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
6765762089	6.45E-04	8.44E-02	1.74E-02	6.48E-02	0.00E+00	0.00E+00	5.63E-01	1.04E-06	3.65E-04	6.40E-04	0.00E+00	-1.77E-03	9.56E-11	4.41E-09	3.43E-03	1.48E-01	0.00E+00	0.00E+00	4.34E-01	2.39E-02	7.06E-01	0.00E+00	5.58E-09	2.86E-09	1.77E-04	5.92E-07	7.48E-02	0.00E+00	7.06E-01	-3.48E-08	7.06E-01	8.17E-01	7.48E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
6765766084	7.68E-04	9.26E-02	2.24E-02	6.57E-02	0.00E+00	0.00E+00	5.67E-01	1.09E-06	3.68E-04	6.51E-04	0.00E+00	-2.49E-03	9.66E-11	4.44E-09	3.20E-03	1.55E-01	0.00E+00	0.00E+00	4.39E-01	3.26E-02	6.69E-01	0.00E+00	5.37E-09	2.96E-09	1.82E-04	8.01E-07	7.76E-02	0.00E+00	6.69E-01	-1.64E-07	6.69E-01	7.57E-01	7.76E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
6765766086	7.23E-04	9.11E-02	2.24E-02	6.67E-02	0.00E+00	0.00E+00	5.67E-01	1.09E-06	3.67E-04	6.52E-04	0.00E+00	-2.49E-03	9.66E-11	4.45E-09	3.18E-03	1.55E-01	0.00E+00	0.00E+00	4.38E-01	3.26E-02	6.66E-01	0.00E+00	5.31E-09	2.93E-09	1.81E-04	8.00E-07	7.72E-02	0.00E+00	6.66E-01	-1.64E-07	6.66E-01	7.51E-01	7.72E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
6765766089	6.92E-04	8.84E-02	2.28E-02	6.61E-02	0.00E+00	0.00E+00	5.63E-01	1.07E-06	3.68E-04	6.36E-04	0.00E+00	-2.52E-03	9.65E-11	4.47E-09	3.14E-03	1.52E-01	0.00E+00	0.00E+00	4.29E-01	3.46E-02	6.62E-01	0.00E+00	5.24E-09	2.89E-09	1.78E-04	8.23E-07	7.66E-02	0.00E+00	6.62E-01	-1.85E-07	6.62E-01	7.43E-01	7.66E-02	0.00E+00	0.00E+00	0.00E+00	1.61E+01
6765768962	7.20E-04	9.32E-02	2.25E-02	6.72E-02	0.00E+00	0.00E+00	5.76E-01	1.08E-06	3.60E-04	6.58E-04	0.00E+00	-2.55E-03	9.64E-11	4.38E-09	3.18E-03	1.55E-01	0.00E+00	0.00E+00	4.36E-01	3.29E-02	6.64E-01	0.00E+00	5.27E-09	2.92E-09	1.80E-04	8.08E-07	7.68E-02	0.00E+00	6.64E-01	-1.81E-07	6.64E-01	7.44E-01	7.68E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
6765768963	6.99E-04	8.92E-02	2.27E-02	6.68E-02	0.00E+00	0.00E+00	5.73E-01	1.04E-06	3.60E-04	6.44E-04	0.00E+00	-2.53E-03	1.14E-10	4.39E-09	3.17E-03	1.53E-01	0.00E+00	0.00E+00	4.33E-01	3.35E-02	6.62E-01	0.00E+00	5.28E-09	2.79E-09	1.79E-04	8.17E-07	7.60E-02	0.00E+00	6.62E-01	-1.74E-07	6.62E-01	7.41E-01	7.60E-02	0.00E+00	0.00E+00	0.00E+00	1.59E+01
6765768982	6.64E-04	9.11E-02	2.27E-02	6.76E-02	0.00E+00	0.00E+00	5.66E-01	1.07E-06	3.69E-04	6.45E-04	0.00E+00	-2.50E-03	9.66E-11	4.47E-09	3.16E-03	1.53E-01	0.00E+00	0.00E+00	4.31E-01	3.33E-02	6.63E-01	0.00E+00	5.26E-09	2.89E-09	1.79E-04	8.11E-07	7.64E-02	0.00E+00	6.63E-01	-1.81E-07	6.63E-01	7.43E-01	7.64E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
6765768989	6.64E-04	9.11E-02	2.27E-02	6.76E-02	0.00E+00	0.00E+00	5.66E-01	1.07E-06	3.69E-04	6.45E-04	0.00E+00	-2.50E-03	9.66E-11	4.47E-09	3.16E-03	1.53E-01	0.00E+00	0.00E+00	4.31E-01	3.33E-02	6.63E-01	0.00E+00	5.26E-09	2.89E-09	1.79E-04	8.11E-07	7.64E-02	0.00E+00	6.63E-01	-1.81E-07	6.63E-01	7.43E-01	7.64E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
6765771404	7.64E-04	9.37E-02	1.71E-02	8.18E-02	0.00E+00	0.00E+00	6.04E-01	1.25E-06	3.62E-04	8.36E-04	0.00E+00	-1.75E-03	9.70E-11	4.24E-09	4.17E-03	1.77E-01	0.00E+00	0.00E+00	4.91E-01	2.39E-02	9.58E-01	0.00E+00	7.61E-09	3.75E-09	2.46E-04	5.87E-07	8.52E-02	0.00E+00	9.58E-01	6.45E-08	9.58E-01	1.04E+00	8.52E-02	0.00E+00	0.00E+00	0.00E+00	1.80E+01
6765771606	6.67E-04	1.01E-01	1.65E-02	8.52E-02	0.00E+00	0.00E+00	6.19E-01	1.16E-06	2.28E-04	8.40E-04	0.00E+00	-1.87E-03	1.02E-10	1.75E-09	4.59E-03	1.44E-01	0.00E+00	0.00E+00	1.96E-01	4.98E-02	9.51E-01	0.00E+00	7.43E-09	3.48E-09	2.43E-04	5.97E-07	7.32E-02	0.00E+00	9.51E-01	1.20E-07	9.51E-01	1.04E+00	7.32E-02	0.00E+00	0.00E+00	0.00E+00	1.25E+01
6765771909	5.78E-04	1.01E-01	2.05E-02	8.46E-02	0.00E+00	0.00E+00	6.19E-01	1.16E-06	2.30E-04	8.34E-04	0.00E+00	-2.12E-03	1.11E-10	1.77E-09	4.34E-03	1.43E-01	0.00E+00	0.00E+00	1.99E-01	5.58E-02	9.47E-01	0.00E+00	7.38E-09	3.48E-09	2.42E-04	7.79E-07	7.25E-02	0.00E+00	9.47E-01	2.42E-08	9.47E-01	1.04E+00	7.25E-02	0.00E+00	0.00E+00	0.00E+00	1.26E+01
6765777103	2.21E-03	2.49E-01	2.03E-02	2.61E-01	0.00E+00	0.00E+00	1.09E+00	2.69E-06	7.45E-04	2.61E-03	0.00E+00	-2.01E-03	2.30E-10	8.36E-09	1.44E-02	4.97E-01	5.36E-06	0.00E+00	1.12E+00	2.31E-02	2.47E+00	0.00E+00	2.03E-08	8.24E-09	6.66E-04	6.17E-07	2.32E-01	0.00E+00	2.47E+00	1.14E-07	2.47E+00	2.60E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.00E+01
6765777104	8.56E-04	1.23E-01	1.72E-02	9.75E-02	0.00E+00	0.00E+00	7.44E-01	1.52E-06	3.78E-04	9.55E-04	0.00E+00	-1.99E-03	1.17E-10	4.35E-09	6.17E-03	2.06E-01	0.00E+00	0.00E+00	6.25E-01	2.10E-02	1.29E+00	0.00E+00	1.00E-08	4.55E-09	2.85E-04	5.84E-07	1.06E-01	0.00E+00	1.29E+00	1.31E-07	1.29E+00	1.38E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+01
6765777106	7.96E-04	1.05E-01	1.72E-02	9.04E-02	0.00E+00	0.00E+00	6.46E-01	1.32E-06	3.62E-04	9.36E-04	0.00E+00	-1.75E-03	1.11E-10	4.33E-09	4.63E-03	1.88E-01	0.00E+00	0.00E+00	5.39E-01	2.38E-02	1.05E+00	0.00E+00	8.41E-09	4.06E-09	2.67E-04	5.82E-07	9.36E-02	0.00E+00	1.05E+00	8.88E-08	1.05E+00	1.16E+00	9.36E-02	0.00E+00	0.00E+00	0.00E+00	1.91E+01
6765777109	9.00E-04	1.05E-01	1.71E-02	8.82E-02	0.00E+00	0.00E+00	6.22E-01	1.27E-06	3.62E-04	9.30E-04	0.00E+00	-1.73E-03	9.84E-11	4.31E-09	4.52E-03	1.89E-01	0.00E+00	0.00E+00	5.18E-01	2.34E-02	1.02E+00	0.00E+00	8.19E-09	3.91E-09	2.62E-04	5.65E-07	9.05E-02	0.00E+00	1.02E+00	7.89E-08	1.02E+00	1.10E+00	9.05E-02	0.00E+00	0.00E+00	0.00E+00	1.86E+01
6765778982	7.84E-04	9.68E-02	1.70E-02	8.21E-02	0.00E+00	0.00E+00	6.18E-01	1.25E-06	3.50E-04	8.37E-04	0.00E+00	-1.70E-03	1.09E-10	4.19E-09	4.23E-03	1.77E-01	0.00E+00	0.00E+00	4.92E-01	2.37E-02	9.55E-01	0.00E+00	7.59E-09	3.71E-09	2.47E-04	5.92E-07	8.51E-02	0.00E+00	9.55E-01	6.27E-08	9.55E-01	1.04E+00	8.51E-02	0.00E+00	0.00E+00	0.00E+00	1.81E+01
6765778989	8.64E-04	1.01E-01	1.70E-02	8.82E-02	0.00E+00	0.00E+00	6.35E-01	1.32E-06	3.58E-04	9.07E-04	0.00E+00	-1.67E-03	1.09E-10	4.16E-09	4.59E-03	1.88E-01	0.00E+00	0.00E+00	5.36E-01	2.38E-02	1.05E+00	0.00E+00	8.43E-09	4.05E-09	2.61E-04	5.91E-07	9.30E-02	0.00E+00	1.05E+00	8.26E-08	1.05E+00	1.15E+00	9.30E-02	0.00E+00	0.00E+00	0.00E+00	1.90E+01
676579	6.10E-04	7.68E-02	1.91E-02	5.48E-02	1.02E-10	0.00E+00	6.60E-01	9.19E-07	3.76E-04	6.43E-04	0.00E+00	-1.63E-03	8.76E-11	4.45E-09	4.15E-03	1.38E-01	0.00E+00	0.00E+00	3.78E-01	2.74E-02	6.96E-01	0.00E+00	4.96E-09	2.70E-09	1.83E-04	6.84E-07	7.03E-02	0.00E+00	6.96E-01	-4.39E-08	6.96E-01	7.57E-01	7.03E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
67657901	6.05E-04	7.60E-02	1.87E-02	5.42E-02	7.79E-11	0.00E+00	6.72E-01	9.16E-07	3.75E-04	6.19E-04	0.00E+00	-1.70E-03	8.77E-11	4.45E-09	5.03E-03	1.33E-01	0.00E+00	0.00E+00	3.73E-01	2.74E-02	6.62E-01	0.00E+00	4.77E-09	2.64E-09	1.76E-04	6.85E-07	7.08E-02	0.00E+00	6.62E-01	-5.14E-08	6.62E-01	7.24E-01	7.08E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
6765792045	6.11E-04	7.90E-02	1.74E-02	5.61E-02	1.61E-10	0.00E+00	6.82E-01	9.69E-07	3.83E-04	6.53E-04	0.00E+00	-1.94E-05	8.96E-11	4.45E-09	5.03E-03	1.38E-01	0.00E+00	0.00E+00	3.88E-01	2.47E-02	7.06E-01	0.00E+00	5.28E-09	2.88E-09	1.83E-04	6.25E-07	7.14E-02	0.00E+00	7.06E-01	1.98E-08	7.06E-01	7.73E-01	7.14E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
6765792089	6.13E-04	7.93E-02	1.89E-02	5.76E-02	2.33E-10	0.00E+00	6.81E-01	9.72E-07	3.81E-04	6.63E-04	0.00E+00	1.96E-03	8.86E-11	4.45E-09	4.38E-03	1.40E-01	0.00E+00	0.00E+00	3.83E-01	2.46E-02	7.14E-01	0.00E+00	5.30E-09	2.83E-09	1.84E-04	6.23E-07	7.10E-02	0.00E+00	7.14E-01	1.37E-08	7.14E-01	7.84E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
6765832045	6.86E-04	8.88E-02	1.71E-02	7.50E-02	6.68E-11	0.00E+00	6.95E-01	1.24E-06	3.84E-04	8.34E-04	0.00E+00	4.62E-04	9.72E-11	4.51E-09	5.93E-03	1.65E-01	0.00E+00	0.00E+00	4.17E-01	2.56E-02	1.05E+00	0.00E+00	7.84E-09	3.77E-09	2.49E-04	5.92E-07	7.42E-02	0.00E+00	1.05E+00	5.84E-08	1.05E+00	1.14E+00	7.42E-02	0.00E+00	0.00E+00	0.00E+00	1.67E+01
6765832089	7.11E-04	8.89E-02	1.82E-02	7.57E-02	8.70E-11	0.00E+00	7.16E-01	1.25E-06	3.84E-04	8.30E-04	0.00E+00	1.69E-04	9.91E-11	4.52E-09	5.93E-03	1.90E-01	0.00E+00	0.00E+00	4.58E-01	2.58E-02	1.06E+00	0.00E+00	7.83E-09	3.89E-09	2.51E-04	5.90E-07	9.52E-02	0.00E+00	1.06E+00	7.91E-08	1.06E+00	1.15E+00	9.52E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
6765836086	9.13E-04	1.02E-01	1.30E-02	8.98E-02	0.00E+00	0.00E+00	6.12E-01	1.27E-06	3.62E-04	9.19E-04	0.00E+00	-1.39E-03	9.76E-11	4.34E-09	4.47E-03	1.81E-01	0.00E+00	0.00E+00	5.05E-01	1.54E-02	9.99E-01	0.00E+00	8.12E-09	3.81E-09	2.61E-04	3.72E-07	8.79E-02	0.00E+00	9.99E-01	1.71E-07	9.99E-01	1.10E+00	8.79E-02	0.00E+00	0.00E+00	0.00E+00	1.82E+01
6765836089	7.76E-04	1.00E-01	1.73E-02	8.87E-02	0.00E+00	0.00E+00	6.07E-01	1.27E-06	3.62E-04	9.07E-04	0.00E+00	-1.75E-03	9.73E-11	4.33E-09	4.16E-03	1.78E-01	0.00E+00	0.00E+00	4.98E-01	2.12E-02	9.80E-01	0.00E+00	7.96E-09	3.80E-09	2.60E-04	5.83E-07	8.65E-02	0.00E+00	9.80E-01	7.92E-08	9.80E-01	1.08E+00	8.65E-02	0.00E+00	0.00E+00	0.00E+00	1.84E+01
6768111606	4.98E-04	1.22E-01	1.88E-02	8.52E-02	0.00E+00	0.00E+00	6.16E-01	1.13E-06	2.28E-04	7.95E-04	0.00E+00	-2.22E-03	1.17E-10	1.68E-09	5.82E-03	1.35E-01	0.00E+00	0.00E+00	1.70E-01	5.34E-02	9.94E-01	0.00E+00	7.68E-09	3.15E-09	2.28E-04	6.43E-07	6.67E-02	0.00E+00	9.94E-01	9.39E-08	9.94E-01	1.03E+00	6.67E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
6768116084	9.38E-04	1.20E-01	1.32E-02	9.98E-02	0.00E+00	0.00E+00	6.38E-01	1.24E-06	3.78E-04	9.99E-04	0.00E+00	-1.57E-03	1.16E-10	4.25E-09	6.49E-03	2.03E-01	0.00E+00	0.00E+00	5.63E-01	1.69E-02	1.26E+00	0.00E+00	1.01E-08	4.53E-09	3.04E-04	4.01E-07	9.79E-02	0.00E+00	1.26E+00	1.63E-07	1.26E+00	1.34E+00	9.79E-02	0.00E+00	0.00E+00	0.00E+00	1.99E+01
6768116089	8.35E-04	1.20E-01	1.74E-02	9.66E-02	0.00E+00	0.00E+00	6.49E-01	1.23E-06	3.76E-04	9.62E-04	0.00E+00	-2.54E-03	1.16E-10	4.18E-09	6.21E-03	2.00E-01	0.00E+00	0.00E+00	5.57E-01	2.50E-02	1.24E+00	0.00E+00	1.00E-08	4.51E-09	2.96E-04	6.30E-07	9.53E-02	0.00E+00	1.24E+00	8.14E-08	1.24E+00	1.33E+00	9.53E-02	0.00E+00	0.00E+00	0.00E+00	1.98E+01
6768117006	8.36E-04	1.21E-01	1.74E-02	9.70E-02	0.00E+00	0.00E+00	6.61E-01	1.35E-06	3.78E-04	9.69E-04	0.00E+00	-2.51E-03	1.17E-10	4.23E-09	6.31E-03	2.01E-01	0.00E+00	0.00E+00	5.67E-01	2.43E-02	1.25E+00	0.00E+00	1.01E-08	4.48E-09	2.95E-04	6.03E-07	9.71E-02	0.00E+00	1.25E+00	9.10E-08	1.25E+00	1.32E+00	9.71E-02	0.00E+00	0.00E+00	0.00E+00	2.00E+01
6768118982	4.30E-04	1.22E-01	2.51E-02	8.35E-02	0.00E+00	0.00E+00	6.16E-01	1.15E-06	2.30E-04	7.62E-04	0.00E+00	-2.86E-03	1.21E-10	1.76E-09	5.77E-03	1.35E-01	0.00E+00	0.00E+00	1.71E-01	5.95E-02	9.95E-01	0.00E+00	7.61E-09	3.15E-09	2.19E-04	9.80E-07	6.30E-02	0.00E+00	9.95E-01	4.61E-08	9.95E-01	1.03E+00	6.30E-02	0.00E+00	0.00E+00	0.00E+00	1.14E+01
6768118989	4.30E-04	1.22E-01	2.52E-02	8.35E-02	0.00E+00	0.00E+00	6.16E-01	1.15E-06	2.30E-04	7.62E-04	0.00E+00	-2.89E-03	1.21E-10	1.76E-09	5.77E-03	1.35E-01	0.00E+00	0.00E+00	1.71E-01	5.95E-02	9.95E-01	0.00E+00	7.61E-09	3.15E-09	2.19E-04	9.87E-07	6.30E-02	0.00E+00	9.95E-01	4.63E-08	9.95E-01	1.03E+00	6.30E-02	0.00E+00	0.00E+00	0.00E+00	1.14E+01
6768757003	7.30E-04	9.61E-02	1.55E-02	8.30E-02	0.00E+00	0.00E+00	5.76E-01	1.20E-06	3.64E-04	8.45E-04	0.00E+00	-1.49E-03	9.70E-11	4.33E-09	3.99E-03	1.72E-01	0.00E+00	0.00E+00	4.77E-01	1.90E-02	9.25E-01	0.00E+00	7.53E-09	3.57E-09	2.45E-04	4.56E-07	8.33E-02	0.00E+00	9.25E-01	1.30E-07	9.25E-01	1.02E+00	8.33E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
6768757004	7.53E-04	9.95E-02	1.55E-02	8.77E-02	0.00E+00	0.00E+00	6.66E-01	1.35E-06	3.64E-04	8.96E-04	0.00E+00	-1.49E-03	9.87E-11	4.40E-09	4.06E-03	1.80E-01	0.00E+00	0.00E+00	5.15E-01	1.90E-02	9.55E-01	0.00E+00	7.83E-09	3.76E-09	2.57E-04	4.54E-07	8.91E-02	0.00E+00	9.55E-01	1.34E-07	9.55E-01	1.06E+00	8.91E-02	0.00E+00	0.00E+00	0.00E+00	1.99E+01
6768757006	7.25E-04	8.36E-02	1.74E-02	6.39E-02	0.00E+00	0.00E+00	5.41E-01	9.92E-07	3.67E-04	6.27E-04	0.00E+00	-1.87E-03	9.56E-11	4.40E-09	3.32E-03	1.47E-01	0.00E+00	0.00E+00	4.21E-01	2.46E-02	6.94E-01	0.00E+00	5.44E-09	2.78E-09	1.77E-04	6.12E-07	7.16E-02	0.00E+00	6.94E-01	-6.39E-08	6.94E-01	7.78E-01	7.16E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
6768757009	7.23E-04	8.43E-02	1.75E-02	6.44E-02	0.00E+00	0.00E+00	5.34E-01	1.00E-06	3.66E-04	6.27E-04	0.00E+00	-1.85E-03	9.56E-11	4.40E-09	3.32E-03	1.48E-01	0.00E+00	0.00E+00	4.19E-01	2.51E-02	6.96E-01	0.00E+00	5.46E-09	2.77E-09	1.78E-04	6.16E-07	7.11E-02	0.00E+00	6.96E-01	-5.44E-08	6.96E-01	7.77E-01	7.11E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
6768760062	6.04E-04	8.90E-02	1.79E-02	6.58E-02	0.00E+00	0.00E+00	5.40E-01	8.41E-07	2.29E-04	6.76E-04	0.00E+00	-1.95E-03	1.01E-10	1.82E-09	3.53E-03	1.25E-01	0.00E+00	0.00E+00	1.64E-01	5.45E-02	6.61E-01	0.00E+00	5.64E-09	2.68E-09	2.00E-04	7.24E-07	6.37E-02	0.00E+00	6.61E-01	-2.82E-08	6.61E-01	7.35E-01	6.37E-02	0.00E+00	0.00E+00	0.00E+00	1.05E+01
6768760063	1.46E-03	2.74E-01	3.13E-02	2.18E-01	0.00E+00	0.00E+00	1.01E+00	2.17E-06	7.51E-04	2.19E-03	0.00E+00	-2.67E-03	2.82E-10	8.05E-09	8.65E-03	4.05E-01	5.36E-06	0.00E+00	2.40E-01	6.35E-02	2.03E+00	0.00E+00	1.60E-08	7.40E-09	5.90E-04	1.05E-06	1.56E-01	0.00E+00	2.03E+00	1.21E-08	2.03E+00	2.20E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	1.76E+01
6768761404	6.17E-04	8.07E-02	2.14E-02	5.38E-02	0.00E+00	0.00E+00	5.08E-01	7.43E-07	2.28E-04	6.05E-04	0.00E+00	-2.12E-03	1.08E-10	1.86E-09	3.15E-03	1.08E-01	0.00E+00	0.00E+00	2.20E-01	5.52E-02	5.98E-01	0.00E+00	4.71E-09	2.41E-09	1.82E-04	7.81E-07	6.10E-02	0.00E+00	5.98E-01	-1.10E-07	5.98E-01	6.55E-01	6.10E-02	0.00E+00	0.00E+00	0.00E+00	1.14E+01
6768761606	6.98E-04	8.36E-02	1.75E-02	6.04E-02	0.00E+00	0.00E+00	5.40E-01	8.14E-07	2.33E-04	6.62E-04	0.00E+00	-1.96E-03	1.00E-10	1.82E-09	3.47E-03	1.10E-01	0.00E+00	0.00E+00	2.00E-01	5.33E-02	6.43E-01	0.00E+00	5.52E-09	2.58E-09	1.91E-04	6.77E-07	6.33E-02	0.00E+00	6.43E-01	-3.73E-08	6.43E-01	7.35E-01	6.33E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
6768761909	6.25E-04	8.34E-02	2.12E-02	5.65E-02	0.00E+00	0.00E+00	5.33E-01	8.16E-07	2.33E-04	6.15E-04	0.00E+00	-2.14E-03	1.09E-10	1.85E-09	3.12E-03	1.07E-01	0.00E+00	0.00E+00	1.99E-01	5.78E-02	6.09E-01	0.00E+00	4.89E-09	2.43E-09	1.85E-04	7.89E-07	6.27E-02	0.00E+00	6.09E-01	-1.10E-07	6.09E-01	6.71E-01	6.27E-02	0.00E+00	0.00E+00	0.00E+00	1.11E+01
6768762045	6.34E-04	8.19E-02	1.67E-02	6.09E-02	0.00E+00	0.00E+00	5.39E-01	9.95E-07	3.67E-04	6.21E-04	0.00E+00	-1.61E-03	9.55E-11	4.42E-09	3.26E-03	1.46E-01	0.00E+00	0.00E+00	4.22E-01	2.34E-02	6.86E-01	0.00E+00	5.39E-09	2.74E-09	1.77E-04	5.81E-07	7.08E-02	0.00E+00	6.86E-01	-4.20E-08	6.86E-01	7.69E-01	7.08E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
6768762089	6.30E-04	8.25E-02	1.74E-02	6.28E-02	0.00E+00	0.00E+00	5.35E-01	1.00E-06	3.65E-04	6.18E-04	0.00E+00	-1.77E-03	9.56E-11	4.41E-09	3.30E-03	1.46E-01	0.00E+00	0.00E+00	4.20E-01	2.43E-02	6.92E-01	0.00E+00	5.38E-09	2.76E-09	1.76E-04	5.95E-07	7.13E-02	0.00E+00	6.92E-01	-5.74E-08	6.92E-01	7.72E-01	7.13E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
6768766012	6.89E-04	8.74E-02	2.18E-02	6.46E-02	0.00E+00	0.00E+00	5.37E-01	1.02E-06	3.70E-04	6.26E-04	0.00E+00	-2.23E-03	9.67E-11	4.43E-09	3.08E-03	1.51E-01	0.00E+00	0.00E+00	4.24E-01	3.17E-02	6.56E-01	0.00E+00	5.04E-09	2.90E-09	1.78E-04	7.85E-07	7.58E-02	0.00E+00	6.56E-01	-1.57E-07	6.56E-01	7.22E-01	7.58E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
6768766086	6.80E-04	8.67E-02	2.34E-02	6.47E-02	0.00E+00	0.00E+00	5.33E-01	9.72E-07	3.68E-04	6.31E-04	0.00E+00	-2.49E-03	9.60E-11	4.45E-09	3.07E-03	1.46E-01	0.00E+00	0.00E+00	4.13E-01	3.40E-02	6.50E-01	0.00E+00	5.08E-09	2.66E-09	1.78E-04	8.36E-07	6.99E-02	0.00E+00	6.50E-01	-1.78E-07	6.50E-01	7.18E-01	6.99E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
6768766089	6.74E-04	8.72E-02	2.28E-02	6.57E-02	0.00E+00	0.00E+00	5.28E-01	9.65E-07	3.70E-04	6.26E-04	0.00E+00	-2.52E-03	9.60E-11	4.46E-09	2.99E-03	1.47E-01	0.00E+00	0.00E+00	4.04E-01	3.45E-02	6.49E-01	0.00E+00	5.04E-09	2.64E-09	1.77E-04	8.21E-07	6.95E-02	0.00E+00	6.49E-01	-1.90E-07	6.49E-01	7.11E-01	6.95E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
6768768962	6.99E-04	8.85E-02	2.24E-02	6.54E-02	0.00E+00	0.00E+00	5.39E-01	9.85E-07	3.64E-04	6.31E-04	0.00E+00	-2.55E-03	9.62E-11	4.38E-09	3.08E-03	1.49E-01	0.00E+00	0.00E+00	4.18E-01	3.30E-02	6.52E-01	0.00E+00	5.10E-09	2.69E-09	1.78E-04	8.08E-07	7.39E-02	0.00E+00	6.52E-01	-1.85E-07	6.52E-01	7.18E-01	7.39E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
6768768982	6.30E-04	8.68E-02	2.27E-02	6.56E-02	0.00E+00	0.00E+00	5.29E-01	9.63E-07	3.70E-04	6.25E-04	0.00E+00	-2.50E-03	9.60E-11	4.48E-09	3.01E-03	1.47E-01	0.00E+00	0.00E+00	4.08E-01	3.32E-02	6.49E-01	0.00E+00	5.04E-09	2.65E-09	1.76E-04	8.11E-07	6.95E-02	0.00E+00	6.49E-01	-1.88E-07	6.49E-01	7.12E-01	6.95E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
6768768989	6.41E-04	8.82E-02	2.23E-02	6.59E-02	0.00E+00	0.00E+00	5.42E-01	9.99E-07	3.82E-04	6.34E-04	0.00E+00	-2.48E-03	9.61E-11	4.63E-09	3.01E-03	1.49E-01	0.00E+00	0.00E+00	4.14E-01	3.27E-02	6.42E-01	0.00E+00	5.12E-09	2.60E-09	1.84E-04	7.97E-07	6.98E-02	0.00E+00	6.42E-01	-1.89E-07	6.42E-01	7.12E-01	6.98E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
6768771404	7.82E-04	9.72E-02	1.70E-02	8.30E-02	0.00E+00	0.00E+00	6.03E-01	1.32E-06	3.62E-04	8.60E-04	0.00E+00	-1.74E-03	9.76E-11	4.24E-09	4.48E-03	1.84E-01	0.00E+00	0.00E+00	5.21E-01	2.39E-02	1.04E+00	0.00E+00	8.27E-09	4.02E-09	2.49E-04	5.84E-07	9.20E-02	0.00E+00	1.04E+00	6.84E-08	1.04E+00	1.15E+00	9.20E-02	0.00E+00	0.00E+00	0.00E+00	1.89E+01
6768771606	6.41E-04	9.65E-02	1.67E-02	7.90E-02	0.00E+00	0.00E+00	5.84E-01	1.08E-06	2.28E-04	7.74E-04	0.00E+00	-1.90E-03	1.02E-10	1.77E-09	4.32E-03	1.42E-01	0.00E+00	0.00E+00	1.86E-01	5.08E-02	8.97E-01	0.00E+00	6.90E-09	3.20E-09	2.30E-04	6.10E-07	7.19E-02	0.00E+00	8.97E-01	1.07E-07	8.97E-01	9.78E-01	7.19E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
6768771909	5.40E-04	9.82E-02	2.04E-02	7.92E-02	0.00E+00	0.00E+00	5.84E-01	1.13E-06	2.28E-04	7.81E-04	0.00E+00	-2.13E-03	1.11E-10	1.80E-09	4.18E-03	1.41E-01	0.00E+00	0.00E+00	1.90E-01	5.66E-02	9.05E-01	0.00E+00	6.90E-09	3.34E-09	2.30E-04	7.76E-07	7.17E-02	0.00E+00	9.05E-01	1.62E-08	9.05E-01	9.98E-01	7.17E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
6768772089	7.13E-04	9.67E-02	1.66E-02	8.22E-02	0.00E+00	0.00E+00	5.70E-01	1.22E-06	3.64E-04	8.37E-04	0.00E+00	-1.64E-03	9.72E-11	4.32E-09	3.88E-03	1.70E-01	0.00E+00	0.00E+00	4.73E-01	2.12E-02	9.24E-01	0.00E+00	7.33E-09	3.66E-09	2.43E-04	5.55E-07	8.42E-02	0.00E+00	9.24E-01	1.45E-07	9.24E-01	1.02E+00	8.42E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
6768776084	8.73E-04	9.67E-02	1.32E-02	8.31E-02	0.00E+00	0.00E+00	5.75E-01	1.25E-06	3.64E-04	8.52E-04	0.00E+00	-1.15E-03	9.72E-11	4.33E-09	4.39E-03	1.74E-01	0.00E+00	0.00E+00	4.84E-01	1.62E-02	9.58E-01	0.00E+00	7.75E-09	3.72E-09	2.47E-04	3.94E-07	8.62E-02	0.00E+00	9.58E-01	1.61E-07	9.58E-01	1.06E+00	8.62E-02	0.00E+00	0.00E+00	0.00E+00	1.82E+01
6768776086	8.80E-04	9.75E-02	1.29E-02	8.38E-02	0.00E+00	0.00E+00	5.87E-01	1.26E-06	3.64E-04	8.71E-04	0.00E+00	-1.40E-03	9.73E-11	4.33E-09	4.46E-03	1.78E-01	0.00E+00	0.00E+00	4.99E-01	1.55E-02	9.88E-01	0.00E+00	8.01E-09	3.81E-09	2.49E-04	3.75E-07	8.77E-02	0.00E+00	9.88E-01	1.64E-07	9.88E-01	1.09E+00	8.77E-02	0.00E+00	0.00E+00	0.00E+00	1.84E+01
6768776089	7.42E-04	9.68E-02	1.72E-02	8.32E-02	0.00E+00	0.00E+00	5.78E-01	1.24E-06	3.63E-04	8.47E-04	0.00E+00	-1.75E-03	9.72E-11	4.32E-09	4.06E-03	1.71E-01	0.00E+00	0.00E+00	4.79E-01	2.18E-02	9.39E-01	0.00E+00	7.51E-09	3.65E-09	2.46E-04	5.89E-07	8.40E-02	0.00E+00	9.39E-01	6.29E-08	9.39E-01	1.04E+00	8.40E-02	0.00E+00	0.00E+00	0.00E+00	1.79E+01
6768777103	7.61E-04	1.03E-01	1.72E-02	8.97E-02	0.00E+00	0.00E+00	6.16E-01	1.31E-06	3.61E-04	9.08E-04	0.00E+00	-1.69E-03	9.83E-11	4.36E-09	4.70E-03	1.88E-01	0.00E+00	0.00E+00	5.27E-01	2.12E-02	1.03E+00	0.00E+00	8.14E-09	3.94E-09	2.58E-04	5.59E-07	9.10E-02	0.00E+00	1.03E+00	1.22E-07	1.03E+00	1.13E+00	9.10E-02	0.00E+00	0.00E+00	0.00E+00	1.86E+01
6768777104	8.33E-04	1.23E-01	1.72E-02	9.80E-02	0.00E+00	0.00E+00	7.44E-01	1.48E-06	3.74E-04	9.53E-04	0.00E+00	-1.99E-03	1.17E-10	4.36E-09	6.13E-03	2.03E-01	0.00E+00	0.00E+00	6.12E-01	2.19E-02	1.26E+00	0.00E+00	9.93E-09	4.55E-09	2.90E-04	5.85E-07	1.06E-01	0.00E+00	1.26E+00	1.28E-07	1.26E+00	1.33E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
6768777106	7.53E-04	1.01E-01	1.72E-02	8.82E-02	0.00E+00	0.00E+00	6.09E-01	1.29E-06	3.64E-04	9.05E-04	0.00E+00	-1.75E-03	9.80E-11	4.32E-09	4.40E-03	1.84E-01	0.00E+00	0.00E+00	5.24E-01	2.39E-02	1.02E+00	0.00E+00	8.06E-09	3.97E-09	2.60E-04	5.83E-07	9.12E-02	0.00E+00	1.02E+00	7.06E-08	1.02E+00	1.13E+00	9.12E-02	0.00E+00	0.00E+00	0.00E+00	1.89E+01
6768777109	7.51E-04	1.00E-01	1.72E-02	8.70E-02	0.00E+00	0.00E+00	6.02E-01	1.29E-06	3.64E-04	8.90E-04	0.00E+00	-1.75E-03	9.80E-11	4.32E-09	4.38E-03	1.83E-01	0.00E+00	0.00E+00	5.22E-01	2.38E-02	1.02E+00	0.00E+00	8.03E-09	3.96E-09	2.56E-04	5.83E-07	9.13E-02	0.00E+00	1.02E+00	6.51E-08	1.02E+00	1.13E+00	9.13E-02	0.00E+00	0.00E+00	0.00E+00	1.89E+01
6768778982	7.60E-04	9.68E-02	1.70E-02	8.10E-02	0.00E+00	0.00E+00	5.95E-01	1.23E-06	3.51E-04	8.25E-04	0.00E+00	-1.70E-03	1.09E-10	4.18E-09	4.23E-03	1.76E-01	0.00E+00	0.00E+00	4.89E-01	2.39E-02	9.51E-01	0.00E+00	7.45E-09	3.64E-09	2.45E-04	5.94E-07	8.43E-02	0.00E+00	9.51E-01	6.29E-08	9.51E-01	1.03E+00	8.43E-02	0.00E+00	0.00E+00	0.00E+00	1.80E+01
6768778989	7.85E-04	9.79E-02	1.70E-02	8.18E-02	0.00E+00	0.00E+00	6.01E-01	1.28E-06	3.51E-04	8.39E-04	0.00E+00	-1.70E-03	1.09E-10	4.18E-09	4.39E-03	1.81E-01	0.00E+00	0.00E+00	5.04E-01	2.39E-02	9.99E-01	0.00E+00	7.85E-09	3.87E-09	2.46E-04	5.95E-07	8.87E-02	0.00E+00	9.99E-01	6.56E-08	9.99E-01	1.10E+00	8.87E-02	0.00E+00	0.00E+00	0.00E+00	1.84E+01
676879	6.01E-04	6.76E-02	1.91E-02	4.85E-02	0.00E+00	0.00E+00	4.49E-01	8.32E-07	3.70E-04	4.90E-04	0.00E+00	-2.11E-03	8.03E-11	4.41E-09	2.62E-03	1.34E-01	0.00E+00	0.00E+00	3.58E-01	2.78E-02	5.61E-01	0.00E+00	4.48E-09	2.29E-09	1.50E-04	6.78E-07	6.06E-02	0.00E+00	5.61E-01	-1.55E-07	5.61E-01	6.21E-01	6.06E-02	0.00E+00	0.00E+00	0.00E+00	1.29E+01
67687901	6.10E-04	7.77E-02	1.95E-02	5.82E-02	0.00E+00	0.00E+00	4.47E-01	8.08E-07	3.75E-04	5.61E-04	0.00E+00	-2.16E-03	8.02E-11	4.41E-09	2.49E-03	1.32E-01	0.00E+00	0.00E+00	3.50E-01	2.85E-02	5.38E-01	0.00E+00	4.34E-09	2.26E-09	1.64E-04	6.95E-07	5.94E-02	0.00E+00	5.38E-01	-1.76E-07	5.38E-01	5.97E-01	5.94E-02	0.00E+00	0.00E+00	0.00E+00	1.27E+01
6768792045	6.05E-04	7.63E-02	1.71E-02	5.74E-02	6.70E-11	0.00E+00	4.50E-01	8.85E-07	3.80E-04	5.90E-04	0.00E+00	-8.89E-04	8.25E-11	4.40E-09	2.69E-03	1.38E-01	0.00E+00	0.00E+00	3.61E-01	2.45E-02	5.92E-01	0.00E+00	4.79E-09	2.49E-09	1.66E-04	6.23E-07	6.45E-02	0.00E+00	5.92E-01	-7.66E-08	5.92E-01	6.61E-01	6.45E-02	0.00E+00	0.00E+00	0.00E+00	1.31E+01
6768792089	6.06E-04	7.73E-02	1.80E-02	5.77E-02	7.70E-11	0.00E+00	4.67E-01	8.89E-07	3.80E-04	5.93E-04	0.00E+00	-2.11E-05	8.20E-11	4.41E-09	2.92E-03	1.37E-01	0.00E+00	0.00E+00	3.59E-01	2.43E-02	6.00E-01	0.00E+00	4.88E-09	2.47E-09	1.68E-04	6.23E-07	6.31E-02	0.00E+00	6.00E-01	-6.16E-08	6.00E-01	6.74E-01	6.31E-02	0.00E+00	0.00E+00	0.00E+00	1.31E+01
6768803512	5.43E-04	7.32E-02	3.12E-03	6.74E-02	3.65E-11	0.00E+00	3.50E-01	7.16E-07	3.02E-04	7.11E-04	0.00E+00	2.48E-04	9.58E-11	3.11E-09	3.91E-03	1.33E-01	0.00E+00	0.00E+00	3.64E-01	2.40E-03	7.64E-01	0.00E+00	6.69E-09	3.14E-09	2.04E-04	2.58E-08	6.30E-02	0.00E+00	7.64E-01	1.91E-07	7.64E-01	8.17E-01	6.30E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
6768803515	6.58E-04	7.21E-02	2.40E-03	6.97E-02	0.00E+00	0.00E+00	3.38E-01	6.62E-07	3.65E-04	7.28E-04	0.00E+00	-2.35E-05	1.04E-10	3.89E-09	3.78E-03	1.53E-01	0.00E+00	0.00E+00	4.06E-01	3.20E-04	7.97E-01	0.00E+00	6.71E-09	3.19E-09	2.13E-04	1.48E-08	7.11E-02	0.00E+00	7.97E-01	1.93E-07	7.97E-01	8.68E-01	7.11E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
6768803522	4.44E-04	8.61E-02	1.08E-02	6.62E-02	1.14E-10	0.00E+00	5.91E-01	1.11E-06	2.46E-04	7.75E-04	0.00E+00	5.32E-03	9.25E-11	3.09E-09	5.21E-03	1.22E-01	0.00E+00	0.00E+00	3.90E-01	2.04E-03	8.31E-01	0.00E+00	6.84E-09	3.57E-09	2.26E-04	2.94E-07	5.76E-02	0.00E+00	8.31E-01	3.59E-07	8.31E-01	8.91E-01	5.76E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
6768803525	4.88E-04	8.87E-02	1.04E-02	7.15E-02	1.08E-10	0.00E+00	6.14E-01	1.22E-06	2.46E-04	8.06E-04	0.00E+00	5.32E-03	9.25E-11	3.28E-09	5.35E-03	1.26E-01	0.00E+00	0.00E+00	3.94E-01	2.04E-03	9.39E-01	0.00E+00	7.22E-09	3.76E-09	2.43E-04	2.94E-07	6.19E-02	0.00E+00	9.39E-01	3.60E-07	9.39E-01	1.04E+00	6.19E-02	0.00E+00	0.00E+00	0.00E+00	1.67E+01
6768813512	9.70E-04	1.24E-01	8.80E-03	1.17E-01	4.33E-11	0.00E+00	4.70E-01	9.15E-07	3.47E-04	1.28E-03	0.00E+00	2.78E-04	1.30E-10	3.53E-09	8.03E-03	2.25E-01	0.00E+00	0.00E+00	5.80E-01	8.28E-03	1.53E+00	0.00E+00	1.31E-08	5.33E-09	3.63E-04	2.05E-07	1.07E-01	0.00E+00	1.53E+00	3.17E-07	1.53E+00	1.64E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	1.70E+01
6768813515	8.51E-04	1.22E-01	7.65E-03	1.15E-01	0.00E+00	0.00E+00	4.44E-01	7.91E-07	4.15E-04	1.26E-03	0.00E+00	-5.40E-04	1.28E-10	4.21E-09	7.77E-03	2.31E-01	0.00E+00	0.00E+00	5.59E-01	7.14E-03	1.47E+00	0.00E+00	1.28E-08	5.20E-09	3.56E-04	1.87E-07	1.06E-01	0.00E+00	1.47E+00	2.95E-07	1.47E+00	1.58E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	1.74E+01
6768813522	9.68E-04	1.25E-01	8.73E-03	1.18E-01	1.82E-11	0.00E+00	4.58E-01	9.44E-07	3.45E-04	1.30E-03	0.00E+00	3.64E-04	1.30E-10	3.53E-09	7.94E-03	2.30E-01	0.00E+00	0.00E+00	5.93E-01	7.97E-03	1.54E+00	0.00E+00	1.33E-08	5.32E-09	3.63E-04	2.10E-07	1.11E-01	0.00E+00	1.54E+00	3.24E-07	1.54E+00	1.65E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	1.75E+01
6768813525	9.75E-04	1.24E-01	8.58E-03	1.18E-01	5.18E-11	0.00E+00	4.62E-01	9.45E-07	3.45E-04	1.30E-03	0.00E+00	1.23E-04	1.30E-10	3.51E-09	8.05E-03	2.27E-01	0.00E+00	0.00E+00	5.77E-01	8.01E-03	1.55E+00	0.00E+00	1.32E-08	5.37E-09	3.63E-04	2.12E-07	1.18E-01	0.00E+00	1.55E+00	3.25E-07	1.55E+00	1.66E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	1.77E+01
6768823512	1.69E-03	2.44E-01	2.17E-02	2.22E-01	5.82E-10	0.00E+00	1.00E+00	1.66E-06	7.45E-04	2.48E-03	0.00E+00	6.85E-03	2.44E-10	7.46E-09	1.68E-02	4.38E-01	0.00E+00	0.00E+00	1.06E+00	8.85E-03	2.87E+00	0.00E+00	2.46E-08	1.00E-08	6.94E-04	5.57E-07	2.06E-01	0.00E+00	2.87E+00	6.50E-07	2.87E+00	3.08E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	3.16E+01
6768823515	1.68E-03	2.44E-01	1.81E-02	2.26E-01	0.00E+00	0.00E+00	8.77E-01	1.57E-06	8.24E-04	2.48E-03	0.00E+00	-1.45E-03	2.54E-10	8.36E-09	1.52E-02	4.54E-01	0.00E+00	0.00E+00	1.10E+00	1.91E-02	2.89E+00	0.00E+00	2.50E-08	1.02E-08	7.00E-04	4.91E-07	2.08E-01	0.00E+00	2.89E+00	5.35E-07	2.89E+00	3.10E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	3.44E+01
6768823522	1.73E-03	2.43E-01	2.02E-02	2.22E-01	2.68E-10	0.00E+00	9.49E-01	1.53E-06	7.39E-04	2.47E-03	0.00E+00	3.84E-03	2.45E-10	7.37E-09	1.63E-02	4.40E-01	0.00E+00	0.00E+00	1.06E+00	9.64E-03	2.85E+00	0.00E+00	2.46E-08	1.00E-08	6.96E-04	5.12E-07	2.04E-01	0.00E+00	2.85E+00	5.72E-07	2.85E+00	3.07E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	3.13E+01
6768823525	1.67E-03	2.42E-01	1.81E-02	2.24E-01	0.00E+00	0.00E+00	8.72E-01	1.56E-06	8.22E-04	2.46E-03	0.00E+00	-1.45E-03	2.53E-10	8.35E-09	1.50E-02	4.51E-01	0.00E+00	0.00E+00	1.10E+00	1.91E-02	2.86E+00	0.00E+00	2.48E-08	1.01E-08	6.93E-04	4.90E-07	2.07E-01	0.00E+00	2.86E+00	5.27E-07	2.86E+00	3.06E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	3.43E+01
6768833512	2.33E-03	3.89E-01	2.84E-02	3.15E-01	0.00E+00	0.00E+00	1.43E+00	2.34E-06	1.11E-03	3.50E-03	0.00E+00	-1.16E-03	4.50E-10	1.23E-08	2.40E-02	6.27E-01	0.00E+00	0.00E+00	1.58E+00	2.10E-02	4.19E+00	0.00E+00	3.55E-08	1.43E-08	9.60E-04	7.94E-07	3.08E-01	0.00E+00	4.19E+00	9.32E-07	4.19E+00	4.50E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	5.10E+01
6768833515	2.38E-03	3.89E-01	2.82E-02	3.15E-01	0.00E+00	0.00E+00	1.41E+00	2.34E-06	1.14E-03	3.50E-03	0.00E+00	-1.16E-03	4.50E-10	1.29E-08	2.40E-02	6.28E-01	0.00E+00	0.00E+00	1.58E+00	2.30E-02	4.19E+00	0.00E+00	3.55E-08	1.43E-08	9.57E-04	7.91E-07	3.06E-01	0.00E+00	4.19E+00	9.18E-07	4.19E+00	4.49E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	5.10E+01
714134	5.51E-04	5.84E-02	1.08E-02	4.76E-02	0.00E+00	0.00E+00	5.51E-01	1.04E-06	3.20E-04	4.94E-04	0.00E+00	-1.05E-03	9.65E-11	3.99E-09	3.06E-03	1.43E-01	0.00E+00	0.00E+00	4.15E-01	1.39E-02	6.44E-01	0.00E+00	4.99E-09	2.47E-09	1.51E-04	3.42E-07	7.14E-02	0.00E+00	6.44E-01	-1.16E-08	6.44E-01	7.15E-01	7.14E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01

7341231404	6.25E-04	7.98E-02	1.74E-02	6.53E-02	0.00E+00	0.00E+00	5.46E-01	1.09E-06	3.14E-04	6.24E-04	0.00E+00	-1.77E-03	8.34E-11	3.90E-09	4.12E-03	1.49E-01	0.00E+00	0.00E+00	4.22E-01	2.25E-02	6.94E-01	0.00E+00	5.53E-09	2.82E-09	1.74E-04	5.96E-07	7.61E-02	0.00E+00	6.94E-01	-3.26E-08	6.94E-01	8.37E-01	7.61E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
7341231606	9.39E-04	8.40E-02	1.12E-02	7.28E-02	0.00E+00	0.00E+00	5.97E-01	1.16E-06	3.35E-04	7.39E-04	0.00E+00	-1.06E-03	1.05E-10	4.05E-09	4.01E-03	1.68E-01	0.00E+00	0.00E+00	4.72E-01	1.40E-02	8.62E-01	0.00E+00	6.86E-09	3.27E-09	2.14E-04	3.47E-07	8.30E-02	0.00E+00	8.62E-01	6.34E-08	8.62E-01	9.45E-01	8.30E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
7341231909	8.82E-04	8.42E-02	1.71E-02	6.71E-02	0.00E+00	0.00E+00	5.74E-01	1.10E-06	3.28E-04	6.57E-04	0.00E+00	-1.81E-03	1.00E-10	4.02E-09	3.27E-03	1.52E-01	0.00E+00	0.00E+00	4.36E-01	2.39E-02	7.14E-01	0.00E+00	5.59E-09	2.79E-09	1.89E-04	5.86E-07	7.44E-02	0.00E+00	7.14E-01	-7.17E-08	7.14E-01	7.88E-01	7.44E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
7341231914	9.51E-04	8.60E-02	1.13E-02	7.48E-02	0.00E+00	0.00E+00	6.02E-01	1.17E-06	3.37E-04	7.61E-04	0.00E+00	-1.06E-03	1.06E-10	4.06E-09	4.17E-03	1.72E-01	0.00E+00	0.00E+00	4.79E-01	1.40E-02	8.93E-01	0.00E+00	7.13E-09	3.38E-09	2.20E-04	3.47E-07	8.46E-02	0.00E+00	8.93E-01	7.36E-08	8.93E-01	9.78E-01	8.46E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
7341232045	6.23E-04	8.47E-02	1.65E-02	6.60E-02	0.00E+00	0.00E+00	5.77E-01	1.11E-06	3.27E-04	6.36E-04	0.00E+00	-1.51E-03	9.55E-11	4.02E-09	3.71E-03	1.46E-01	0.00E+00	0.00E+00	4.41E-01	2.23E-02	7.06E-01	0.00E+00	5.59E-09	2.77E-09	1.77E-04	5.79E-07	7.59E-02	0.00E+00	7.06E-01	-3.96E-08	7.06E-01	8.15E-01	7.59E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
7341232089	8.82E-04	8.36E-02	1.67E-02	6.69E-02	0.00E+00	0.00E+00	5.74E-01	1.10E-06	3.28E-04	6.55E-04	0.00E+00	-1.77E-03	1.00E-10	4.02E-09	3.27E-03	1.52E-01	0.00E+00	0.00E+00	4.36E-01	2.33E-02	7.14E-01	0.00E+00	5.59E-09	2.79E-09	1.89E-04	5.71E-07	7.44E-02	0.00E+00	7.14E-01	-6.64E-08	7.14E-01	7.88E-01	7.44E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
7341236014	5.61E-04	7.25E-02	1.78E-02	5.46E-02	0.00E+00	0.00E+00	5.67E-01	1.08E-06	3.19E-04	5.51E-04	0.00E+00	-1.91E-03	9.91E-11	4.01E-09	3.23E-03	1.47E-01	0.00E+00	0.00E+00	4.28E-01	2.53E-02	6.81E-01	0.00E+00	5.30E-09	2.60E-09	1.64E-04	6.18E-07	7.27E-02	0.00E+00	6.81E-01	-9.70E-08	6.81E-01	7.54E-01	7.27E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
7341236084	7.38E-04	8.76E-02	2.24E-02	6.60E-02	0.00E+00	0.00E+00	5.38E-01	1.08E-06	3.34E-04	6.38E-04	0.00E+00	-2.29E-03	9.62E-11	4.09E-09	3.18E-03	1.50E-01	0.00E+00	0.00E+00	4.31E-01	3.31E-02	6.63E-01	0.00E+00	5.34E-09	2.67E-09	1.79E-04	8.05E-07	7.27E-02	0.00E+00	6.63E-01	-1.55E-07	6.63E-01	7.43E-01	7.27E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
7341236086	5.84E-04	8.07E-02	2.27E-02	5.80E-02	0.00E+00	0.00E+00	5.75E-01	1.09E-06	3.35E-04	5.78E-04	0.00E+00	-2.51E-03	1.01E-10	4.19E-09	3.29E-03	1.50E-01	0.00E+00	0.00E+00	4.36E-01	3.31E-02	6.91E-01	0.00E+00	5.38E-09	2.64E-09	1.71E-04	8.08E-07	7.33E-02	0.00E+00	6.91E-01	-1.65E-07	6.91E-01	7.64E-01	7.33E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
7341236089	5.84E-04	8.08E-02	2.27E-02	5.80E-02	0.00E+00	0.00E+00	5.75E-01	1.09E-06	3.35E-04	5.78E-04	0.00E+00	-2.52E-03	1.01E-10	4.19E-09	3.29E-03	1.50E-01	0.00E+00	0.00E+00	4.36E-01	3.32E-02	6.91E-01	0.00E+00	5.38E-09	2.64E-09	1.71E-04	8.11E-07	7.32E-02	0.00E+00	6.91E-01	-1.67E-07	6.91E-01	7.64E-01	7.32E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
7341238982	6.02E-04	8.64E-02	2.28E-02	6.44E-02	0.00E+00	0.00E+00	5.70E-01	1.08E-06	3.24E-04	6.11E-04	0.00E+00	-2.49E-03	9.61E-11	4.04E-09	3.24E-03	1.49E-01	0.00E+00	0.00E+00	4.28E-01	3.31E-02	6.63E-01	0.00E+00	5.28E-09	2.64E-09	1.75E-04	8.15E-07	7.18E-02	0.00E+00	6.63E-01	-1.58E-07	6.63E-01	7.57E-01	7.18E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
7341238989	5.84E-04	8.00E-02	2.23E-02	5.77E-02	0.00E+00	0.00E+00	5.75E-01	1.09E-06	3.35E-04	5.76E-04	0.00E+00	-2.46E-03	1.01E-10	4.18E-09	3.29E-03	1.50E-01	0.00E+00	0.00E+00	4.36E-01	3.24E-02	6.91E-01	0.00E+00	5.38E-09	2.64E-09	1.71E-04	7.92E-07	7.33E-02	0.00E+00	6.91E-01	-1.60E-07	6.91E-01	7.64E-01	7.33E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
7341251404	8.81E-04	9.87E-02	1.94E-02	8.72E-02	0.00E+00	0.00E+00	6.26E-01	1.35E-06	3.61E-04	9.06E-04	0.00E+00	-1.76E-03	9.86E-11	4.18E-09	4.47E-03	1.90E-01	5.36E-06	0.00E+00	5.28E-01	2.69E-02	1.08E+00	0.00E+00	8.59E-09	4.09E-09	2.60E-04	6.11E-07	9.25E-02	0.00E+00	1.08E+00	8.06E-08	1.08E+00	1.17E+00	9.25E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
7341251606	1.05E-03	9.85E-02	1.15E-02	8.71E-02	0.00E+00	0.00E+00	6.44E-01	1.35E-06	3.49E-04	8.98E-04	0.00E+00	-1.06E-03	1.11E-10	4.16E-09	4.70E-03	1.95E-01	0.00E+00	0.00E+00	5.37E-01	1.40E-02	1.09E+00	0.00E+00	8.63E-09	4.15E-09	2.64E-04	3.48E-07	9.48E-02	0.00E+00	1.09E+00	1.80E-07	1.09E+00	1.18E+00	9.48E-02	0.00E+00	0.00E+00	0.00E+00	1.90E+01
7341251909	8.81E-04	9.75E-02	1.71E-02	8.69E-02	0.00E+00	0.00E+00	6.25E-01	1.35E-06	3.46E-04	9.03E-04	0.00E+00	-1.66E-03	9.80E-11	4.15E-09	4.48E-03	1.90E-01	0.00E+00	0.00E+00	5.35E-01	2.32E-02	1.08E+00	0.00E+00	8.68E-09	4.09E-09	2.60E-04	5.78E-07	9.23E-02	0.00E+00	1.08E+00	8.02E-08	1.08E+00	1.18E+00	9.23E-02	0.00E+00	0.00E+00	0.00E+00	1.85E+01
7341258982	7.75E-04	9.36E-02	1.71E-02	8.17E-02	0.00E+00	0.00E+00	6.10E-01	1.30E-06	3.52E-04	8.38E-04	0.00E+00	-1.69E-03	9.74E-11	4.08E-09	4.07E-03	1.81E-01	0.00E+00	0.00E+00	4.92E-01	2.33E-02	9.87E-01	0.00E+00	7.80E-09	3.89E-09	2.46E-04	5.85E-07	8.55E-02	0.00E+00	9.87E-01	6.04E-08	9.87E-01	1.07E+00	8.55E-02	0.00E+00	0.00E+00	0.00E+00	1.79E+01
7341258989	1.00E-03	9.84E-02	1.65E-02	8.19E-02	0.00E+00	0.00E+00	6.24E-01	1.30E-06	3.43E-04	8.24E-04	0.00E+00	-1.71E-03	1.07E-10	4.13E-09	4.04E-03	1.79E-01	0.00E+00	0.00E+00	5.05E-01	2.26E-02	9.56E-01	0.00E+00	7.50E-09	3.72E-09	2.41E-04	5.55E-07	8.71E-02	0.00E+00	9.56E-01	6.14E-08	9.56E-01	1.04E+00	8.71E-02	0.00E+00	0.00E+00	0.00E+00	1.82E+01
7341357003	4.41E-04	3.06E-02	1.33E-02	3.40E-02	0.00E+00	0.00E+00	1.85E-01	5.87E-07	2.56E-04	3.51E-04	0.00E+00	-1.41E-03	3.78E-11	2.87E-09	1.46E-03	8.68E-02	0.00E+00	0.00E+00	2.00E-01	1.68E-02	6.24E-01	0.00E+00	4.18E-09	2.09E-09	1.11E-04	3.94E-07	3.27E-02	0.00E+00	6.24E-01	1.16E-07	6.24E-01	6.40E-01	3.27E-02	0.00E+00	0.00E+00	0.00E+00	6.56E+00
7341357004	8.16E-04	1.00E-01	1.49E-02	8.85E-02	0.00E+00	0.00E+00	7.31E-01	1.57E-06	3.52E-04	9.08E-04	0.00E+00	-1.43E-03	9.94E-11	4.38E-09	4.72E-03	2.01E-01	0.00E+00	0.00E+00	5.91E-01	1.73E-02	1.08E+00	0.00E+00	8.56E-09	4.20E-09	2.61E-04	4.05E-07	1.01E-01	0.00E+00	1.08E+00	1.49E-07	1.08E+00	1.19E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+01
7341357006	6.01E-04	7.74E-02	1.85E-02	5.89E-02	0.00E+00	0.00E+00	5.85E-01	1.14E-06	3.37E-04	5.98E-04	0.00E+00	-1.98E-03	1.02E-10	4.19E-09	3.44E-03	1.57E-01	0.00E+00	0.00E+00	4.50E-01	2.61E-02	7.45E-01	0.00E+00	5.80E-09	2.85E-09	1.79E-04	6.40E-07	7.66E-02	0.00E+00	7.45E-01	-7.67E-08	7.45E-01	8.21E-01	7.66E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
7341357009	6.01E-04	7.74E-02	1.85E-02	5.89E-02	0.00E+00	0.00E+00	5.85E-01	1.14E-06	3.37E-04	5.98E-04	0.00E+00	-1.98E-03	1.02E-10	4.19E-09	3.44E-03	1.57E-01	0.00E+00	0.00E+00	4.50E-01	2.61E-02	7.45E-01	0.00E+00	5.80E-09	2.85E-09	1.79E-04	6.40E-07	7.66E-02	0.00E+00	7.45E-01	-7.67E-08	7.45E-01	8.21E-01	7.66E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
7341357014	8.92E-04	8.55E-02	1.34E-02	7.06E-02	0.00E+00	0.00E+00	5.79E-01	1.13E-06	3.36E-04	7.26E-04	0.00E+00	-1.40E-03	1.14E-10	4.06E-09	4.32E-03	1.64E-01	0.00E+00	0.00E+00	4.60E-01	1.75E-02	7.57E-01	0.00E+00	6.79E-09	3.26E-09	1.90E-04	4.71E-07	8.02E-02	0.00E+00	7.57E-01	2.89E-08	7.57E-01	9.22E-01	8.02E-02	0.00E+00	0.00E+00	0.00E+00	1.61E+01
7341393505	1.27E-03	1.48E-01	1.11E-02	1.39E-01	0.00E+00	0.00E+00	6.93E-01	1.23E-06	6.79E-04	1.47E-03	0.00E+00	-6.31E-04	4.99E-10	8.00E-09	8.69E-03	2.47E-01	0.00E+00	0.00E+00	6.94E-01	8.46E-03	1.67E+00	0.00E+00	1.41E-08	6.59E-09	3.81E-04	2.69E-07	1.30E-01	0.00E+00	1.67E+00	3.58E-07	1.67E+00	1.86E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
7341403533	9.66E-04	1.22E-01	8.93E-03	1.14E-01	4.63E-11	0.00E+00	4.63E-01	9.41E-07	3.27E-04	1.28E-03	0.00E+00	6.93E-05	1.29E-10	3.49E-09	8.04E-03	2.23E-01	0.00E+00	0.00E+00	5.80E-01	7.78E-03	1.53E+00	0.00E+00	1.32E-08	5.33E-09	3.57E-04	2.14E-07	1.08E-01	0.00E+00	1.53E+00	3.19E-07	1.53E+00	1.64E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	1.72E+01
7341413515	1.12E-03	1.34E-01	8.89E-03	1.28E-01	0.00E+00	0.00E+00	6.77E-01	1.13E-06	3.99E-04	1.42E-03	0.00E+00	-2.69E-04	5.30E-10	4.90E-09	8.23E-03	2.39E-01	0.00E+00	0.00E+00	6.09E-01	6.76E-03	1.55E+00	0.00E+00	1.24E-08	5.56E-09	3.45E-04	2.30E-07	1.10E-01	0.00E+00	1.55E+00	3.20E-07	1.55E+00	1.70E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	1.94E+01
7341441909	7.65E-04	9.13E-02	1.77E-02	7.83E-02	0.00E+00	0.00E+00	6.21E-01	1.11E-06	3.42E-04	7.52E-04	0.00E+00	-1.78E-03	1.33E-10	4.05E-09	4.08E-03	1.61E-01	0.00E+00	0.00E+00	4.58E-01	2.61E-02	7.99E-01	0.00E+00	6.52E-09	3.20E-09	1.97E-04	6.49E-07	8.08E-02	0.00E+00	7.99E-01	-2.04E-09	7.99E-01	9.09E-01	8.08E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
7341442045	6.26E-04	8.04E-02	1.72E-02	6.08E-02	8.23E-11	0.00E+00	6.54E-01	9.78E-07	3.33E-04	6.62E-04	0.00E+00	9.31E-04	8.78E-11	3.94E-09	5.44E-03	1.38E-01	0.00E+00	0.00E+00	3.81E-01	2.57E-02	7.32E-01	0.00E+00	5.65E-09	2.95E-09	2.02E-04	5.85E-07	7.87E-02	0.00E+00	7.32E-01	5.87E-08	7.32E-01	7.89E-01	7.87E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
7341448989	7.66E-04	9.23E-02	1.77E-02	7.87E-02	0.00E+00	0.00E+00	6.24E-01	1.11E-06	3.42E-04	7.57E-04	0.00E+00	-1.78E-03	1.33E-10	4.06E-09	4.08E-03	1.61E-01	0.00E+00	0.00E+00	4.59E-01	2.61E-02	7.98E-01	0.00E+00	6.51E-09	3.20E-09	1.97E-04	6.49E-07	8.08E-02	0.00E+00	7.98E-01	-1.60E-09	7.98E-01	9.09E-01	8.08E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
7341512045	8.27E-04	9.19E-02	1.85E-02	8.10E-02	0.00E+00	0.00E+00	6.04E-01	1.26E-06	3.66E-04	8.26E-04	0.00E+00	-1.60E-03	9.78E-11	4.16E-09	4.07E-03	1.74E-01	5.05E-06	0.00E+00	4.57E-01	2.43E-02	9.64E-01	0.00E+00	7.81E-09	3.68E-09	2.44E-04	5.60E-07	8.30E-02	0.00E+00	9.64E-01	1.14E-07	9.64E-01	1.06E+00	8.30E-02	0.00E+00	0.00E+00	0.00E+00	1.59E+01
7341512089	7.58E-04	9.44E-02	1.66E-02	8.27E-02	0.00E+00	0.00E+00	6.04E-01	1.25E-06	3.46E-04	8.30E-04	0.00E+00	-1.57E-03	9.72E-11	4.14E-09	4.01E-03	1.76E-01	0.00E+00	0.00E+00	4.73E-01	1.94E-02	9.65E-01	0.00E+00	7.76E-09	3.68E-09	2.44E-04	5.39E-07	8.41E-02	0.00E+00	9.65E-01	7.72E-08	9.65E-01	1.05E+00	8.41E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
7341516084	9.34E-04	1.01E-01	1.52E-02	8.79E-02	0.00E+00	0.00E+00	6.14E-01	1.33E-06	3.49E-04	9.02E-04	0.00E+00	-1.16E-03	1.02E-10	4.27E-09	4.85E-03	1.94E-01	0.00E+00	0.00E+00	5.20E-01	1.68E-02	1.08E+00	0.00E+00	8.63E-09	4.14E-09	2.61E-04	4.21E-07	9.24E-02	0.00E+00	1.08E+00	1.52E-07	1.08E+00	1.18E+00	9.24E-02	0.00E+00	0.00E+00	0.00E+00	1.86E+01
7341516086	1.07E-03	1.01E-01	1.15E-02	8.90E-02	0.00E+00	0.00E+00	6.50E-01	1.37E-06	3.51E-04	9.19E-04	0.00E+00	-1.06E-03	1.12E-10	4.17E-09	4.81E-03	1.98E-01	0.00E+00	0.00E+00	5.45E-01	1.40E-02	1.12E+00	0.00E+00	8.88E-09	4.27E-09	2.70E-04	3.48E-07	9.64E-02	0.00E+00	1.12E+00	1.93E-07	1.12E+00	1.22E+00	9.64E-02	0.00E+00	0.00E+00	0.00E+00	1.93E+01
7341516089	8.55E-04	1.02E-01	1.72E-02	8.67E-02	0.00E+00	0.00E+00	6.38E-01	1.29E-06	3.38E-04	8.88E-04	0.00E+00	-1.66E-03	1.11E-10	4.21E-09	4.72E-03	1.87E-01	0.00E+00	0.00E+00	5.20E-01	2.32E-02	1.06E+00	0.00E+00	8.47E-09	3.97E-09	2.60E-04	5.78E-07	9.09E-02	0.00E+00	1.06E+00	7.99E-08	1.06E+00	1.15E+00	9.09E-02	0.00E+00	0.00E+00	0.00E+00	1.85E+01
7341517203	8.74E-04	1.02E-01	1.71E-02	8.83E-02	0.00E+00	0.00E+00	6.47E-01	1.39E-06	3.54E-04	9.12E-04	0.00E+00	-1.62E-03	1.11E-10	4.21E-09	4.72E-03	1.99E-01	0.00E+00	0.00E+00	5.41E-01	1.82E-02	1.11E+00	0.00E+00	8.89E-09	4.32E-09	2.63E-04	5.56E-07	9.35E-02	0.00E+00	1.11E+00	1.43E-07	1.11E+00	1.22E+00	9.35E-02	0.00E+00	0.00E+00	0.00E+00	1.89E+01
7341517204	8.83E-04	1.23E-01	1.71E-02	9.85E-02	0.00E+00	0.00E+00	7.39E-01	1.66E-06	3.68E-04	9.71E-04	0.00E+00	-1.78E-03	1.14E-10	4.40E-09	5.98E-03	2.14E-01	0.00E+00	0.00E+00	6.28E-01	1.88E-02	1.29E+00	0.00E+00	1.01E-08	4.75E-09	2.97E-04	5.56E-07	1.06E-01	0.00E+00	1.29E+00	1.46E-07	1.29E+00	1.39E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
7341517206	8.55E-04	1.02E-01	1.72E-02	8.77E-02	0.00E+00	0.00E+00	6.42E-01	1.35E-06	3.57E-04	9.18E-04	0.00E+00	-1.66E-03	1.02E-10	4.16E-09	4.64E-03	1.91E-01	0.00E+00	0.00E+00	5.38E-01	2.32E-02	1.08E+00	0.00E+00	8.70E-09	4.15E-09	2.62E-04	5.74E-07	9.30E-02	0.00E+00	1.08E+00	9.19E-08	1.08E+00	1.18E+00	9.30E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01
7341517209	8.54E-04	1.02E-01	1.72E-02	8.77E-02	0.00E+00	0.00E+00	6.38E-01	1.35E-06	3.57E-04	9.17E-04	0.00E+00	-1.66E-03	9.84E-11	4.16E-09	4.62E-03	1.91E-01	0.00E+00	0.00E+00	5.38E-01	2.32E-02	1.08E+00	0.00E+00	8.70E-09	4.11E-09	2.62E-04	5.74E-07	9.27E-02	0.00E+00	1.08E+00	8.95E-08	1.08E+00	1.18E+00	9.27E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01
73415520	5.32E-04	6.78E-02	1.86E-02	4.92E-02	0.00E+00	0.00E+00	4.72E-01	8.90E-07	3.14E-04	4.94E-04	0.00E+00	-2.05E-03	8.34E-11	3.81E-09	2.74E-03	1.30E-01	0.00E+00	0.00E+00	3.65E-01	2.70E-02	5.79E-01	0.00E+00	4.54E-09	2.27E-09	1.48E-04	6.60E-07	6.17E-02	0.00E+00	5.79E-01	-1.36E-07	5.79E-01	6.41E-01	6.17E-02	0.00E+00	0.00E+00	0.00E+00	1.31E+01
7341552045	5.50E-04	6.81E-02	1.67E-02	5.15E-02	0.00E+00	0.00E+00	4.82E-01	9.34E-07	3.17E-04	5.24E-04	0.00E+00	-1.80E-03	8.46E-11	3.83E-09	2.90E-03	1.36E-01	0.00E+00	0.00E+00	3.80E-01	2.37E-02	6.33E-01	0.00E+00	4.97E-09	2.48E-09	1.58E-04	5.81E-07	6.48E-02	0.00E+00	6.33E-01	-7.94E-08	6.33E-01	6.98E-01	6.48E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
7341552089	6.16E-04	7.49E-02	2.08E-02	5.41E-02	6.01E-10	0.00E+00	7.75E-01	9.77E-07	3.33E-04	6.73E-04	0.00E+00	1.02E-02	8.98E-11	3.94E-09	6.65E-03	1.41E-01	0.00E+00	0.00E+00	3.92E-01	1.37E-03	8.35E-01	0.00E+00	5.48E-09	2.98E-09	1.91E-04	5.75E-07	8.51E-02	0.00E+00	8.35E-01	1.34E-07	8.35E-01	9.20E-01	8.51E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
73415521	5.32E-04	6.78E-02	1.86E-02	4.92E-02	0.00E+00	0.00E+00	4.72E-01	8.90E-07	3.14E-04	4.94E-04	0.00E+00	-2.05E-03	8.34E-11	3.81E-09	2.74E-03	1.30E-01	0.00E+00	0.00E+00	3.65E-01	2.70E-02	5.79E-01	0.00E+00	4.54E-09	2.27E-09	1.48E-04	6.60E-07	6.17E-02	0.00E+00	5.79E-01	-1.36E-07	5.79E-01	6.41E-01	6.17E-02	0.00E+00	0.00E+00	0.00E+00	1.31E+01
7341753555	2.22E-03	3.21E-01	2.00E-02	2.60E-01	0.00E+00	0.00E+00	9.70E-01	1.77E-06	8.69E-04	2.79E-03	0.00E+00	-1.42E-03	5.71E-10	9.47E-09	1.55E-02	4.50E-01	0.00E+00	0.00E+00	1.05E+00	1.55E-02	2.89E+00	0.00E+00	2.50E-08	1.09E-08	7.58E-04	5.63E-07	2.08E-01	0.00E+00	2.89E+00	6.47E-07	2.89E+00	3.14E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	3.22E+01
7429635	6.22E-04	7.64E-02	6.76E-03	6.82E-02	0.00E+00	0.00E+00	3.39E-01	7.79E-07	2.98E-04	7.66E-04	0.00E+00	-6.11E-04	6.56E-11	3.53E-09	2.76E-03	1.62E-01	0.00E+00	0.00E+00	3.44E-01	9.46E-03	7.23E-01	0.00E+00	6.02E-09	3.37E-09	2.19E-04	2.36E-07	5.92E-02	0.00E+00	7.23E-01	2.56E-07	7.23E-01	7.90E-01	5.92E-02	0.00E+00	0.00E+00	0.00E+00	1.20E+01
8412186	6.37E-04	3.82E-02	6.47E-03	5.09E-02	0.00E+00	0.00E+00	2.05E-01	5.29E-07	3.23E-04	4.52E-04	0.00E+00	-6.09E-04	3.73E-11	3.04E-09	1.65E-03	1.07E-01	0.00E+00	0.00E+00	2.13E-01	8.56E-03	4.74E-01	0.00E+00	3.94E-09	2.71E-09	1.29E-04	2.05E-07	3.67E-02	0.00E+00	4.74E-01	8.04E-08	4.74E-01	5.22E-01	3.67E-02	0.00E+00	0.00E+00	0.00E+00	7.90E+00
8413006	6.17E-04	3.95E-02	6.62E-03	4.81E-02	0.00E+00	0.00E+00	2.25E-01	6.11E-07	3.23E-04	4.75E-04	0.00E+00	-6.37E-04	3.84E-11	3.14E-09	2.15E-03	1.11E-01	0.00E+00	0.00E+00	2.29E-01	9.05E-03	6.21E-01	0.00E+00	4.87E-09	3.00E-09	1.60E-04	2.15E-07	4.18E-02	0.00E+00	6.21E-01	9.13E-08	6.21E-01	6.65E-01	4.18E-02	0.00E+00	0.00E+00	0.00E+00	8.41E+00
841402506	5.19E-04	4.02E-02	6.43E-03	3.62E-02	0.00E+00	0.00E+00	2.30E-01	5.47E-07	2.94E-04	3.98E-04	0.00E+00	-6.35E-04	3.88E-11	3.11E-09	1.96E-03	9.89E-02	0.00E+00	0.00E+00	2.30E-01	8.06E-03	4.90E-01	0.00E+00	3.83E-09	2.16E-09	1.28E-04	2.05E-07	4.07E-02	0.00E+00	4.90E-01	8.51E-08	4.90E-01	5.35E-01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	8.51E+00
8418505	4.36E-04	3.70E-02	6.46E-03	3.05E-02	0.00E+00	0.00E+00	2.27E-01	5.32E-07	2.54E-04	3.35E-04	0.00E+00	-6.50E-04	3.90E-11	2.75E-09	1.66E-03	9.16E-02	0.00E+00	0.00E+00	2.24E-01	8.58E-03	4.49E-01	0.00E+00	3.51E-09	1.88E-09	1.12E-04	2.11E-07	3.89E-02	0.00E+00	4.49E-01	7.06E-08	4.49E-01	4.88E-01	3.89E-02	0.00E+00	0.00E+00	0.00E+00	8.28E+00
8418525	4.46E-04	3.84E-02	6.40E-03	3.27E-02	0.00E+00	0.00E+00	2.24E-01	5.34E-07	2.51E-04	3.74E-04	0.00E+00	-5.96E-04	3.80E-11	2.81E-09	1.72E-03	9.62E-02	0.00E+00	0.00E+00	2.26E-01	8.58E-03	4.76E-01	0.00E+00	4.05E-09	2.13E-09	1.23E-04	2.11E-07	3.99E-02	0.00E+00	4.76E-01	7.62E-08	4.76E-01	5.20E-01	3.99E-02	0.00E+00	0.00E+00	0.00E+00	8.35E+00
841852501	4.39E-04	3.72E-02	6.40E-03	3.11E-02	0.00E+00	0.00E+00	2.24E-01	5.27E-07	2.50E-04	3.41E-04	0.00E+00	-5.96E-04	3.80E-11	2.79E-09	1.69E-03	9.26E-02	0.00E+00	0.00E+00	2.24E-01	8.58E-03	4.66E-01	0.00E+00	3.60E-09	1.92E-09	1.18E-04	2.11E-07	3.89E-02	0.00E+00	4.66E-01	7.10E-08	4.66E-01	4.99E-01	3.89E-02	0.00E+00	0.00E+00	0.00E+00	8.31E+00
841852502	4.36E-04	3.70E-02	6.46E-03	3.05E-02	0.00E+00	0.00E+00	2.27E-01	5.32E-07	2.54E-04	3.35E-04	0.00E+00	-6.50E-04	3.90E-11	2.75E-09	1.66E-03	9.16E-02	0.00E+00	0.00E+00	2.24E-01	8.58E-03	4.49E-01	0.00E+00	3.51E-09	1.88E-09	1.12E-04	2.11E-07	3.89E-02	0.00E+00	4.49E-01	7.06E-08	4.49E-01	4.88E-01	3.89E-02	0.00E+00	0.00E+00	0.00E+00	8.28E+00
841852505	4.36E-04	3.70E-02	6.46E-03	3.05E-02	0.00E+00	0.00E+00	2.27E-01	5.32E-07	2.54E-04	3.35E-04	0.00E+00	-6.50E-04	3.90E-11	2.75E-09	1.66E-03	9.16E-02	0.00E+00	0.00E+00	2.24E-01	8.58E-03	4.49E-01	0.00E+00	3.51E-09	1.88E-09	1.12E-04	2.11E-07	3.89E-02	0.00E+00	4.49E-01	7.06E-08	4.49E-01	4.88E-01	3.89E-02	0.00E+00	0.00E+00	0.00E+00	8.28E+00
841852506	4.39E-04	3.72E-02	6.40E-03	3.11E-02	0.00E+00	0.00E+00	2.24E-01	5.23E-07	2.45E-04	3.59E-04	0.00E+00	-5.96E-04	3.80E-11	2.82E-09	1.69E-03	9.29E-02	0.00E+00	0.00E+00	2.22E-01	8.58E-03	4.72E-01	0.00E+00	3.97E-09	2.07E-09	1.22E-04	2.11E-07	3.95E-02	0.00E+00	4.72E-01	7.40E-08	4.72E-01	5.09E-01	3.95E-02	0.00E+00	0.00E+00	0.00E+00	8.33E+00
841852521	4.44E-04	3.77E-02	6.40E-03	3.14E-02	0.00E+00	0.00E+00	2.19E-01	5.28E-07	2.49E-04	3.62E-04	0.00E+00	-5.96E-04	3.79E-11	2.72E-09	1.68E-03	9.40E-02	0.00E+00	0.00E+00	2.21E-01	8.58E-03	4.67E-01	0.00E+00	3.99E-09	2.12E-09	1.19E-04	2.11E-07	3.97E-02	0.00E+00	4.67E-01	7.05E-08	4.67E-01	5.12E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	8.40E+00
841852525	4.52E-04	3.91E-02	6.45E-03	3.45E-02	0.00E+00	0.00E+00	2.36E-01	5.28E-07	2.62E-04	3.70E-04	0.00E+00	-5.96E-04	3.84E-11	2.83E-09	1.83E-03	9.37E-02	0.00E+00	0.00E+00	2.26E-01	8.10E-03	4.73E-01	0.00E+00	3.73E-09	1.97E-09	1.23E-04	2.07E-07	4.13E-02	0.00E+00	4.73E-01	6.67E-08	4.73E-01	5.19E-01	4.13E-02	0.00E+00	0.00E+00	0.00E+00	8.35E+00
841852526	4.44E-04	3.85E-02	6.48E-03	3.20E-02	0.00E+00	0.00E+00	2.31E-01	5.51E-07	2.55E-04	3.51E-04	0.00E+00	-6.50E-04	3.96E-11	2.76E-09	1.73E-03	9.42E-02	0.00E+00	0.00E+00	2.30E-01	8.58E-03	4.72E-01	0.00E+00	3.69E-09	1.97E-09	1.17E-04	2.11E-07	4.01E-02	0.00E+00	4.72E-01	8.23E-08	4.72E-01	5.12E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	8.51E+00
8418855	4.55E-04	3.81E-02	6.45E-03	3.41E-02	0.00E+00	0.00E+00	2.31E-01	5.26E-07	2.61E-04	3.66E-04	0.00E+00	-5.96E-04	3.85E-11	2.81E-09	1.78E-03	9.33E-02	0.00E+00	0.00E+00	2.22E-01	8.02E-03	4.65E-01	0.00E+00	3.65E-09	1.96E-09	1.18E-04	2.07E-07	4.15E-02	0.00E+00	4.65E-01	6.24E-08	4.65E-01	5.11E-01	4.15E-02	0.00E+00	0.00E+00	0.00E+00	8.45E+00
8419505	4.43E-04	4.07E-02	6.49E-03	3.42E-02	0.00E+00	0.00E+00	2.30E-01	5.31E-07	2.56E-04	3.64E-04	0.00E+00	-6.52E-04	3.97E-11	2.76E-09	1.70E-03	9.30E-02	0.00E+00	0.00E+00	2.26E-01	8.60E-03	4.57E-01	0.00E+00	3.60E-09	1.92E-09	1.19E-04	2.11E-07	3.94E-02	0.00E+00	4.57E-01	7.01E-08	4.57E-01	4.96E-01	3.94E-02	0.00E+00	0.00E+00	0.00E+00	8.33E+00
841952502	4.43E-04	4.07E-02	6.49E-03	3.42E-02	0.00E+00	0.00E+00	2.30E-01	5.31E-07	2.56E-04	3.64E-04	0.00E+00	-6.52E-04	3.97E-11	2.76E-09	1.70E-03	9.30E-02	0.00E+00	0.00E+00	2.26E-01	8.60E-03	4.57E-01	0.00E+00	3.60E-09	1.92E-09	1.19E-04	2.11E-07	3.94E-02	0.00E+00	4.57E-01	7.01E-08	4.57E-01	4.96E-01	3.94E-02	0.00E+00	0.00E+00	0.00E+00	8.33E+00
841952505	4.43E-04	4.07E-02	6.49E-03	3.42E-02	0.00E+00	0.00E+00	2.30E-01	5.31E-07	2.56E-04	3.64E-04	0.00E+00	-6.52E-04	3.97E-11	2.76E-09	1.70E-03	9.30E-02	0.00E+00	0.00E+00	2.26E-01	8.60E-03	4.57E-01	0.00E+00	3.60E-09	1.92E-09	1.19E-04	2.11E-07	3.94E-02	0.00E+00	4.57E-01	7.01E-08	4.57E-01	4.96E-01	3.94E-02	0.00E+00	0.00E+00	0.00E+00	8.33E+00
841952506	4.41E-04	4.03E-02	6.48E-03	3.47E-02	0.00E+00	0.00E+00	2.30E-01	5.31E-07	2.61E-04	3.65E-04	0.00E+00	-6.14E-04	3.79E-11	2.82E-09	1.71E-03	9.29E-02	0.00E+00	0.00E+00	2.25E-01	8.60E-03	4.59E-01	0.00E+00	3.61E-09	1.94E-09	1.21E-04	2.11E-07	3.94E-02	0.00E+00	4.59E-01	7.07E-08	4.59E-01	4.98E-01	3.94E-02	0.00E+00	0.00E+00	0.00E+00	8.38E+00
8419605	4.48E-04	3.82E-02	6.45E-03	3.19E-02	0.00E+00	0.00E+00	2.14E-01	5.29E-07	2.74E-04	3.67E-04	0.00E+00	-5.96E-04	3.80E-11	2.99E-09	1.73E-03	9.77E-02	0.00E+00	0.00E+00	2.23E-01	9.20E-03	4.71E-01	0.00E+00	4.05E-09	2.16E-09	1.18E-04	2.13E-07	3.96E-02	0.00E+00	4.71E-01	8.41E-08	4.71E-01	5.12E-01	3.96E-02	0.00E+00	0.00E+00	0.00E+00	8.13E+00
8419609	4.48E-04	3.80E-02	6.45E-03	3.19E-02	0.00E+00	0.00E+00	2.15E-01	5.29E-07	2.74E-04	3.63E-04	0.00E+00	-5.96E-04	3.80E-11	2.99E-09	1.73E-03	9.84E-02	0.00E+00	0.00E+00	2.23E-01	9.20E-03	4.72E-01	0.00E+00	4.06E-09	2.18E-09	1.19E-04	2.14E-07	3.95E-02	0.00E+00	4.72E-01	8.43E-08	4.72E-01	5.14E-01	3.95E-02	0.00E+00	0.00E+00	0.00E+00	8.13E+00
8429615	7.55E-04	9.61E-02	6.64E-03	7.86E-02	0.00E+00	0.00E+00	4.03E-01	8.10E-07	3.53E-04	8.04E-04	0.00E+00	-6.09E-04	7.20E-11	4.24E-09	3.09E-03	1.69E-01	0.00E+00	0.00E+00	3.67E-01	8.88E-03	7.62E-01	0.00E+00	6.20E-09	3.66E-09	2.31E-04	2.27E-07	6.82E-02	0.00E+00	7.62E-01	2.47E-07	7.62E-01	8.15E-01	6.82E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
8429634	7.51E-04	9.41E-02	6.63E-03	7.48E-02	0.00E+00	0.00E+00	3.99E-01	8.28E-07	3.61E-04	7.94E-04	0.00E+00	-6.09E-04	7.27E-11	4.33E-09	2.89E-03	1.71E-01	0.00E+00	0.00E+00	3.58E-01	9.29E-03	7.53E-01	0.00E+00	6.16E-09	3.65E-09	2.33E-04	2.29E-07	6.62E-02	0.00E+00	7.53E-01	2.24E-07	7.53E-01	8.07E-01	6.62E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
8429636	7.36E-04	8.95E-02	6.62E-03	7.33E-02	0.00E+00	0.00E+00	3.70E-01	7.81E-07	3.59E-04	7.90E-04	0.00E+00	-6.09E-04	7.14E-11	4.11E-09	2.87E-03	1.65E-01	0.00E+00	0.00E+00	3.56E-01	9.23E-03	7.48E-01	0.00E+00	6.08E-09	3.58E-09	2.24E-04	2.29E-07	6.36E-02	0.00E+00	7.48E-01	2.26E-07	7.48E-01	7.97E-01	6.36E-02	0.00E+00	0.00E+00	0.00E+00	1.29E+01
8429646	6.65E-04	5.16E-02	2.74E-03	5.10E-02	0.00E+00	0.00E+00	2.76E-01	7.04E-07	3.32E-04	5.32E-04	0.00E+00	-1.98E-04	4.27E-11	3.71E-09	2.27E-03	1.31E-01	2.25E-09	0.00E+00	2.85E-01	5.87E-04	7.00E-01	0.00E+00	5.68E-09	2.88E-09	1.66E-04	1.02E-07	5.22E-02	0.00E+00	7.00E-01	1.85E-07	7.00E-01	7.40E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	1.08E+01
8451705	4.05E-04	2.96E-02	3.19E-03	2.63E-02	0.00E+00	0.00E+00	1.73E-01	4.85E-07	2.34E-04	2.65E-04	0.00E+00	-2.25E-04	3.61E-11	2.75E-09	1.15E-03	8.48E-02	0.00E+00	0.00E+00	1.64E-01	4.25E-03	3.60E-01	0.00E+00	2.70E-09	1.54E-09	8.18E-05	7.53E-08	3.01E-02	0.00E+00	3.60E-01	5.46E-08	3.60E-01	4.02E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	6.03E+00
845172501	3.78E-04	2.73E-02	3.13E-03	2.48E-02	0.00E+00	0.00E+00	1.69E-01	4.75E-07	2.32E-04	2.56E-04	0.00E+00	-2.33E-04	3.60E-11	2.73E-09	1.15E-03	8.42E-02	0.00E+00	0.00E+00	1.61E-01	7.74E-03	3.55E-01	0.00E+00	2.63E-09	1.50E-09	7.97E-05	1.19E-07	2.97E-02	0.00E+00	3.55E-01	4.12E-08	3.55E-01	3.95E-01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	5.97E+00
845172505	4.05E-04	2.96E-02	3.19E-03	2.63E-02	0.00E+00	0.00E+00	1.73E-01	4.85E-07	2.34E-04	2.65E-04	0.00E+00	-2.25E-04	3.61E-11	2.75E-09	1.15E-03	8.48E-02	0.00E+00	0.00E+00	1.64E-01	4.25E-03	3.60E-01	0.00E+00	2.70E-09	1.54E-09	8.18E-05	7.53E-08	3.01E-02	0.00E+00	3.60E-01	5.46E-08	3.60E-01	4.02E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	6.03E+00
845172509	3.64E-04	2.67E-02	3.19E-03	2.41E-02	0.00E+00	0.00E+00	1.64E-01	4.80E-07	2.20E-04	2.52E-04	0.00E+00	-2.33E-04	3.59E-11	2.70E-09	1.15E-03	8.47E-02	0.00E+00	0.00E+00	1.54E-01	7.99E-03	3.52E-01	0.00E+00	2.64E-09	1.54E-09	7.91E-05	1.27E-07	2.91E-02	0.00E+00	3.52E-01	3.33E-08	3.52E-01	3.90E-01	2.91E-02	0.00E+00	0.00E+00	0.00E+00	5.85E+00
845712501	2.52E-04	2.74E-02	3.86E-03	2.16E-02	0.00E+00	0.00E+00	1.64E-01	3.51E-07	1.20E-04	2.32E-04	0.00E+00	-2.25E-04	3.54E-11	1.46E-09	1.10E-03	4.89E-02	0.00E+00	0.00E+00	1.51E-01	9.52E-03	3.06E-01	0.00E+00	2.26E-09	1.09E-09	7.29E-05	1.34E-07	2.39E-02	0.00E+00	3.06E-01	-7.70E-09	3.06E-01	3.24E-01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	5.29E+00
845712503	2.86E-04	2.91E-02	3.89E-03	2.31E-02	0.00E+00	0.00E+00	1.71E-01	3.58E-07	1.37E-04	2.51E-04	0.00E+00	-2.17E-04	3.55E-11	1.47E-09	1.18E-03	5.02E-02	0.00E+00	0.00E+00	1.59E-01	5.85E-03	3.21E-01	0.00E+00	2.42E-09	1.14E-09	7.63E-05	8.82E-08	2.50E-02	0.00E+00	3.21E-01	9.70E-09	3.21E-01	3.49E-01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	5.56E+00
845712505	3.55E-04	3.10E-02	3.97E-03	2.71E-02	0.00E+00	0.00E+00	1.94E-01	3.60E-07	1.39E-04	3.01E-04	0.00E+00	-1.88E-04	3.66E-11	1.54E-09	1.37E-03	5.36E-02	0.00E+00	0.00E+00	1.75E-01	2.54E-03	3.53E-01	0.00E+00	2.78E-09	1.18E-09	1.01E-04	5.95E-08	3.01E-02	0.00E+00	3.53E-01	1.80E-08	3.53E-01	3.82E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	6.61E+00
845712507	2.42E-04	2.70E-02	3.92E-03	2.09E-02	0.00E+00	0.00E+00	1.58E-01	3.48E-07	1.14E-04	2.24E-04	0.00E+00	-2.65E-04	3.53E-11	1.42E-09	1.07E-03	4.77E-02	0.00E+00	0.00E+00	1.48E-01	9.64E-03	3.05E-01	0.00E+00	2.28E-09	1.06E-09	6.91E-05	1.42E-07	2.34E-02	0.00E+00	3.05E-01	-2.16E-08	3.05E-01	3.23E-01	2.34E-02	0.00E+00	0.00E+00	0.00E+00	5.11E+00
845712509	1.53E-04	2.60E-02	6.84E-03	1.91E-02	0.00E+00	0.00E+00	1.38E-01	3.17E-07	6.95E-05	1.96E-04	0.00E+00	-7.73E-04	2.30E-11	9.04E-10	1.02E-03	4.22E-02	0.00E+00	0.00E+00	1.18E-01	1.02E-02	2.54E-01	0.00E+00	2.01E-09	9.67E-10	5.91E-05	2.49E-07	2.00E-02	0.00E+00	2.54E-01	-5.16E-09	2.54E-01	2.74E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	4.28E+00
847312506	5.51E-04	3.89E-02	3.16E-03	3.55E-02	0.00E+00	0.00E+00	2.22E-01	5.54E-07	2.76E-04	3.89E-04	0.00E+00	-1.98E-04	3.78E-11	3.46E-09	1.77E-03	9.73E-02	2.25E-09	0.00E+00	2.03E-01	1.02E-03	5.81E-01	0.00E+00	4.54E-09	2.36E-09	1.38E-04	1.09E-07	4.16E-02	0.00E+00	5.81E-01	1.05E-07	5.81E-01	5.97E-01	4.16E-02	0.00E+00	0.00E+00	0.00E+00	8.76E+00
847782502	6.12E-04	3.67E-02	2.85E-03	3.61E-02	0.00E+00	0.00E+00	2.37E-01	5.64E-07	3.21E-04	3.89E-04	0.00E+00	-1.83E-04	3.81E-11	3.66E-09	1.77E-03	1.02E-01	2.25E-09	0.00E+00	2.15E-01	6.88E-04	5.82E-01	0.00E+00	4.67E-09	2.38E-09	1.40E-04	1.66E-08	4.47E-02	0.00E+00	5.82E-01	1.12E-07	5.82E-01	6.06E-01	4.47E-02	0.00E+00	0.00E+00	0.00E+00	9.22E+00
847782505	6.07E-04	3.67E-02	2.80E-03	3.60E-02	0.00E+00	0.00E+00	2.34E-01	5.61E-07	3.11E-04	3.91E-04	0.00E+00	-1.83E-04	3.80E-11	3.57E-09	1.77E-03	1.02E-01	2.25E-09	0.00E+00	2.14E-01	6.88E-04	5.81E-01	0.00E+00	4.65E-09	2.37E-09	1.39E-04	1.96E-08	4.46E-02	0.00E+00	5.81E-01	1.11E-07	5.81E-01	6.04E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.20E+00
847782506	6.01E-04	3.67E-02	2.80E-03	3.51E-02	0.00E+00	0.00E+00	2.34E-01	5.61E-07	3.06E-04	3.89E-04	0.00E+00	-1.83E-04	3.80E-11	3.55E-09	1.78E-03	9.89E-02	2.25E-09	0.00E+00	2.14E-01	5.82E-04	5.81E-01	0.00E+00	4.67E-09	2.38E-09	1.40E-04	2.07E-08	4.46E-02	0.00E+00	5.81E-01	1.11E-07	5.81E-01	6.05E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.20E+00
847782512	5.17E-04	4.06E-02	2.90E-03	3.92E-02	0.00E+00	0.00E+00	2.23E-01	5.38E-07	2.41E-04	4.11E-04	0.00E+00	-2.37E-04	2.63E-10	2.55E-09	2.09E-03	1.01E-01	2.25E-09	0.00E+00	2.08E-01	9.05E-04	5.88E-01	0.00E+00	4.78E-09	2.42E-09	1.39E-04	4.84E-08	4.36E-02	0.00E+00	5.88E-01	1.14E-07	5.88E-01	6.08E-01	4.36E-02	0.00E+00	0.00E+00	0.00E+00	8.90E+00
847792502	6.11E-04	3.77E-02	2.39E-03	3.93E-02	0.00E+00	0.00E+00	2.40E-01	5.75E-07	3.33E-04	4.45E-04	0.00E+00	-2.04E-04	3.99E-11	3.69E-09	1.86E-03	1.02E-01	2.25E-09	0.00E+00	2.21E-01	7.11E-04	5.87E-01	0.00E+00	4.69E-09	2.44E-09	1.46E-04	5.30E-08	4.41E-02	0.00E+00	5.87E-01	1.17E-07	5.87E-01	6.14E-01	4.41E-02	0.00E+00	0.00E+00	0.00E+00	9.02E+00
847792505	6.13E-04	3.73E-02	2.88E-03	3.88E-02	0.00E+00	0.00E+00	2.33E-01	5.60E-07	3.08E-04	4.33E-04	0.00E+00	-2.04E-04	3.81E-11	3.58E-09	1.83E-03	1.02E-01	2.25E-09	0.00E+00	2.14E-01	1.02E-03	5.79E-01	0.00E+00	4.62E-09	2.42E-09	1.46E-04	5.61E-08	4.42E-02	0.00E+00	5.79E-01	1.14E-07	5.79E-01	6.00E-01	4.42E-02	0.00E+00	0.00E+00	0.00E+00	9.15E+00
847792506	6.11E-04	3.89E-02	2.87E-03	3.78E-02	0.00E+00	0.00E+00	2.39E-01	5.73E-07	3.09E-04	4.37E-04	0.00E+00	-2.04E-04	3.82E-11	3.64E-09	1.90E-03	1.01E-01	2.25E-09	0.00E+00	2.18E-01	8.84E-04	5.88E-01	0.00E+00	4.70E-09	2.47E-09	1.47E-04	5.59E-08	4.46E-02	0.00E+00	5.88E-01	1.14E-07	5.88E-01	6.12E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.23E+00
847792512	4.65E-04	3.91E-02	2.89E-03	3.88E-02	0.00E+00	0.00E+00	2.08E-01	5.38E-07	2.23E-04	3.98E-04	0.00E+00	-2.45E-04	2.63E-10	2.46E-09	2.07E-03	9.62E-02	2.25E-09	0.00E+00	1.88E-01	2.86E-03	5.70E-01	0.00E+00	4.67E-09	2.32E-09	1.32E-04	6.55E-08	4.06E-02	0.00E+00	5.70E-01	1.11E-07	5.70E-01	5.83E-01	4.06E-02	0.00E+00	0.00E+00	0.00E+00	8.06E+00
847882506	5.50E-04	3.87E-02	2.66E-03	3.92E-02	0.00E+00	0.00E+00	2.24E-01	5.56E-07	2.83E-04	4.12E-04	0.00E+00	-1.98E-04	3.95E-11	3.54E-09	1.77E-03	9.94E-02	2.25E-09	0.00E+00	2.04E-01	8.70E-04	5.77E-01	0.00E+00	4.60E-09	2.40E-09	1.38E-04	9.87E-08	4.14E-02	0.00E+00	5.77E-01	1.06E-07	5.77E-01	5.98E-01	4.14E-02	0.00E+00	0.00E+00	0.00E+00	8.76E+00

848002502	7.29E-04	4.50E-02	2.96E-03	4.14E-02	0.00E+00	0.00E+00	2.69E-01	5.92E-07	3.67E-04	4.43E-04	0.00E+00	-2.05E-04	4.14E-11	4.06E-09	1.90E-03	9.94E-02	1.81E-08	0.00E+00	2.23E-01	2.26E-03	5.77E-01	0.00E+00	4.37E-09	2.48E-09	1.43E-04	2.30E-08	4.55E-02	0.00E+00	5.77E-01	1.45E-07	5.77E-01	6.06E-01	4.55E-02	0.00E+00	0.00E+00	0.00E+00	8.75E+00
848002503	7.26E-04	4.51E-02	2.55E-03	4.27E-02	0.00E+00	0.00E+00	2.73E-01	5.99E-07	3.80E-04	4.58E-04	0.00E+00	-2.05E-04	4.30E-11	4.16E-09	1.92E-03	9.94E-02	1.81E-08	0.00E+00	2.28E-01	2.07E-03	5.78E-01	0.00E+00	4.38E-09	2.49E-09	1.43E-04	1.58E-08	4.58E-02	0.00E+00	5.78E-01	1.57E-07	5.78E-01	6.05E-01	4.58E-02	0.00E+00	0.00E+00	0.00E+00	8.75E+00
848002504	9.61E-04	1.07E-01	1.23E-02	8.64E-02	0.00E+00	0.00E+00	4.67E-01	1.04E-06	5.44E-04	1.01E-03	0.00E+00	-3.11E-04	8.87E-11	5.35E-09	3.91E-03	1.84E-01	1.81E-08	0.00E+00	4.39E-01	4.96E-03	9.24E-01	0.00E+00	7.81E-09	4.00E-09	2.95E-04	3.06E-07	8.26E-02	0.00E+00	9.24E-01	2.61E-07	9.24E-01	1.02E+00	8.26E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
848002505	9.25E-04	9.27E-02	2.80E-03	8.16E-02	0.00E+00	0.00E+00	4.07E-01	8.12E-07	4.96E-04	8.38E-04	0.00E+00	-2.70E-04	7.89E-11	5.11E-09	3.28E-03	1.62E-01	1.81E-08	0.00E+00	3.97E-01	3.96E-03	8.51E-01	0.00E+00	7.09E-09	3.75E-09	2.47E-04	1.20E-07	7.37E-02	0.00E+00	8.51E-01	2.75E-07	8.51E-01	9.39E-01	7.37E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
848002506	9.25E-04	9.28E-02	3.24E-03	8.17E-02	0.00E+00	0.00E+00	4.16E-01	8.52E-07	5.05E-04	8.97E-04	0.00E+00	-1.50E-04	7.89E-11	5.16E-09	3.28E-03	1.63E-01	1.81E-08	0.00E+00	3.96E-01	4.06E-03	8.51E-01	0.00E+00	7.13E-09	3.77E-09	2.70E-04	1.70E-07	7.41E-02	0.00E+00	8.51E-01	2.52E-07	8.51E-01	9.40E-01	7.41E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
848002507	7.10E-04	4.43E-02	2.56E-03	4.21E-02	0.00E+00	0.00E+00	2.49E-01	5.73E-07	3.70E-04	4.55E-04	0.00E+00	-2.05E-04	4.14E-11	4.06E-09	1.68E-03	9.78E-02	1.81E-08	0.00E+00	2.22E-01	2.13E-03	5.70E-01	0.00E+00	4.32E-09	2.45E-09	1.47E-04	1.82E-08	4.46E-02	0.00E+00	5.70E-01	1.37E-07	5.70E-01	5.91E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	8.55E+00
848002512	7.87E-04	4.86E-02	2.68E-03	4.62E-02	0.00E+00	0.00E+00	2.77E-01	6.15E-07	3.89E-04	5.10E-04	0.00E+00	-2.60E-04	2.69E-10	4.26E-09	2.35E-03	1.22E-01	1.81E-08	0.00E+00	2.90E-01	2.42E-03	6.93E-01	0.00E+00	5.63E-09	2.89E-09	1.68E-04	6.38E-08	5.28E-02	0.00E+00	6.93E-01	1.93E-07	6.93E-01	7.22E-01	5.28E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
848002514	9.06E-04	9.32E-02	3.30E-03	8.33E-02	0.00E+00	0.00E+00	4.08E-01	7.87E-07	4.86E-04	9.11E-04	0.00E+00	-3.11E-04	2.93E-10	5.12E-09	3.46E-03	1.63E-01	1.81E-08	0.00E+00	3.96E-01	4.09E-03	8.31E-01	0.00E+00	6.96E-09	3.61E-09	2.73E-04	1.35E-07	7.38E-02	0.00E+00	8.31E-01	2.67E-07	8.31E-01	8.96E-01	7.38E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
848002516	9.06E-04	9.32E-02	3.30E-03	8.33E-02	0.00E+00	0.00E+00	4.08E-01	7.87E-07	4.86E-04	9.11E-04	0.00E+00	-3.11E-04	2.93E-10	5.12E-09	3.46E-03	1.63E-01	1.81E-08	0.00E+00	3.96E-01	4.09E-03	8.31E-01	0.00E+00	6.96E-09	3.61E-09	2.73E-04	1.35E-07	7.38E-02	0.00E+00	8.31E-01	2.67E-07	8.31E-01	8.96E-01	7.38E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
848002517	9.35E-04	1.05E-01	7.76E-03	8.77E-02	0.00E+00	0.00E+00	4.26E-01	9.11E-07	5.00E-04	1.02E-03	0.00E+00	-2.34E-04	2.99E-10	5.28E-09	3.87E-03	1.81E-01	1.81E-08	0.00E+00	4.31E-01	4.98E-03	8.88E-01	0.00E+00	7.44E-09	3.82E-09	2.97E-04	3.30E-07	8.00E-02	0.00E+00	8.88E-01	2.46E-07	8.88E-01	9.61E-01	8.00E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
848012502	7.07E-04	4.47E-02	2.69E-03	4.19E-02	0.00E+00	0.00E+00	2.54E-01	5.68E-07	3.72E-04	4.52E-04	0.00E+00	-2.28E-04	4.31E-11	4.11E-09	1.76E-03	9.77E-02	1.81E-08	0.00E+00	2.21E-01	2.36E-03	5.72E-01	0.00E+00	4.36E-09	2.45E-09	1.47E-04	6.38E-08	4.42E-02	0.00E+00	5.72E-01	1.34E-07	5.72E-01	5.95E-01	4.42E-02	0.00E+00	0.00E+00	0.00E+00	8.53E+00
848012503	7.18E-04	4.54E-02	2.68E-03	4.23E-02	0.00E+00	0.00E+00	2.75E-01	6.04E-07	3.86E-04	4.58E-04	0.00E+00	-2.28E-04	4.33E-11	4.17E-09	1.95E-03	1.00E-01	1.81E-08	0.00E+00	2.26E-01	2.30E-03	5.80E-01	0.00E+00	4.37E-09	2.50E-09	1.44E-04	6.14E-08	4.57E-02	0.00E+00	5.80E-01	1.52E-07	5.80E-01	6.09E-01	4.57E-02	0.00E+00	0.00E+00	0.00E+00	8.67E+00
848012506	7.07E-04	4.47E-02	2.69E-03	4.19E-02	0.00E+00	0.00E+00	2.52E-01	5.69E-07	3.72E-04	4.52E-04	0.00E+00	-2.28E-04	4.25E-11	4.11E-09	1.76E-03	9.77E-02	1.81E-08	0.00E+00	2.21E-01	2.36E-03	5.72E-01	0.00E+00	4.36E-09	2.45E-09	1.47E-04	6.39E-08	4.42E-02	0.00E+00	5.72E-01	1.34E-07	5.72E-01	5.96E-01	4.42E-02	0.00E+00	0.00E+00	0.00E+00	8.53E+00
848012507	9.36E-04	9.85E-02	6.86E-03	8.20E-02	0.00E+00	0.00E+00	4.27E-01	9.59E-07	5.00E-04	9.88E-04	0.00E+00	-1.67E-04	8.52E-11	5.21E-09	3.77E-03	1.77E-01	1.81E-08	0.00E+00	3.97E-01	4.42E-03	9.09E-01	0.00E+00	7.61E-09	3.72E-09	2.91E-04	3.16E-07	8.02E-02	0.00E+00	9.09E-01	2.43E-07	9.09E-01	9.98E-01	8.02E-02	0.00E+00	0.00E+00	0.00E+00	1.67E+01
848012512	7.92E-04	4.86E-02	2.68E-03	4.63E-02	0.00E+00	0.00E+00	2.79E-01	6.27E-07	3.97E-04	5.14E-04	0.00E+00	-2.60E-04	2.69E-10	4.27E-09	2.36E-03	1.23E-01	1.81E-08	0.00E+00	2.93E-01	2.42E-03	6.94E-01	0.00E+00	5.70E-09	2.90E-09	1.69E-04	6.62E-08	5.33E-02	0.00E+00	6.94E-01	1.96E-07	6.94E-01	7.28E-01	5.33E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
848012513	9.40E-04	9.93E-02	6.79E-03	8.29E-02	0.00E+00	0.00E+00	4.27E-01	9.13E-07	5.00E-04	9.87E-04	0.00E+00	-2.24E-04	2.99E-10	5.23E-09	3.86E-03	1.81E-01	1.81E-08	0.00E+00	4.31E-01	4.18E-03	8.88E-01	0.00E+00	7.43E-09	3.80E-09	2.96E-04	2.64E-07	8.01E-02	0.00E+00	8.88E-01	2.46E-07	8.88E-01	9.61E-01	8.01E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
848012514	9.37E-04	1.04E-01	7.13E-03	8.67E-02	0.00E+00	0.00E+00	4.26E-01	9.14E-07	4.97E-04	1.02E-03	0.00E+00	-2.34E-04	2.99E-10	5.22E-09	3.88E-03	1.80E-01	1.81E-08	0.00E+00	4.31E-01	4.98E-03	8.89E-01	0.00E+00	7.46E-09	3.82E-09	2.97E-04	3.15E-07	8.01E-02	0.00E+00	8.89E-01	2.47E-07	8.89E-01	9.61E-01	8.01E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
848012517	9.09E-04	9.33E-02	3.30E-03	8.21E-02	0.00E+00	0.00E+00	4.08E-01	7.97E-07	4.87E-04	9.11E-04	0.00E+00	-3.11E-04	2.93E-10	5.10E-09	3.47E-03	1.63E-01	1.81E-08	0.00E+00	3.98E-01	4.09E-03	8.32E-01	0.00E+00	6.99E-09	3.60E-09	2.73E-04	1.38E-07	7.39E-02	0.00E+00	8.32E-01	2.69E-07	8.32E-01	9.01E-01	7.39E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
848102502	9.53E-04	1.06E-01	8.41E-03	8.61E-02	0.00E+00	0.00E+00	4.43E-01	9.91E-07	5.34E-04	1.01E-03	0.00E+00	-3.06E-04	8.91E-11	5.21E-09	4.04E-03	1.84E-01	1.81E-08	0.00E+00	4.38E-01	4.77E-03	9.27E-01	0.00E+00	7.85E-09	4.05E-09	2.97E-04	3.16E-07	8.16E-02	0.00E+00	9.27E-01	2.69E-07	9.27E-01	1.04E+00	8.16E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
848102503	7.10E-04	4.44E-02	2.77E-03	4.21E-02	0.00E+00	0.00E+00	2.66E-01	5.99E-07	3.78E-04	4.60E-04	0.00E+00	-1.99E-04	4.31E-11	4.08E-09	1.72E-03	1.00E-01	1.81E-08	0.00E+00	2.26E-01	2.13E-03	5.73E-01	0.00E+00	4.33E-09	2.47E-09	1.46E-04	7.24E-08	4.50E-02	0.00E+00	5.73E-01	1.40E-07	5.73E-01	6.01E-01	4.50E-02	0.00E+00	0.00E+00	0.00E+00	8.63E+00
848102504	9.28E-04	9.28E-02	3.01E-03	8.09E-02	0.00E+00	0.00E+00	4.07E-01	8.22E-07	4.94E-04	8.38E-04	0.00E+00	-2.63E-04	7.90E-11	5.06E-09	3.28E-03	1.63E-01	1.81E-08	0.00E+00	3.99E-01	3.97E-03	8.52E-01	0.00E+00	7.15E-09	3.79E-09	2.47E-04	1.62E-07	7.37E-02	0.00E+00	8.52E-01	2.79E-07	8.52E-01	9.45E-01	7.37E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
848102507	7.25E-04	4.64E-02	2.76E-03	4.38E-02	0.00E+00	0.00E+00	2.73E-01	6.18E-07	3.88E-04	4.60E-04	0.00E+00	-1.99E-04	4.31E-11	4.15E-09	1.92E-03	1.01E-01	1.81E-08	0.00E+00	2.27E-01	2.07E-03	5.72E-01	0.00E+00	4.33E-09	2.52E-09	1.42E-04	7.00E-08	4.59E-02	0.00E+00	5.72E-01	1.59E-07	5.72E-01	6.00E-01	4.59E-02	0.00E+00	0.00E+00	0.00E+00	8.62E+00
848112502	9.15E-04	9.32E-02	3.14E-03	8.20E-02	0.00E+00	0.00E+00	4.07E-01	8.07E-07	4.88E-04	8.55E-04	0.00E+00	-2.78E-04	7.95E-11	5.07E-09	3.33E-03	1.63E-01	1.81E-08	0.00E+00	3.98E-01	4.06E-03	8.48E-01	0.00E+00	7.10E-09	3.64E-09	2.50E-04	1.75E-07	7.35E-02	0.00E+00	8.48E-01	2.64E-07	8.48E-01	9.29E-01	7.35E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
848112505	8.72E-04	5.72E-02	2.89E-03	5.71E-02	0.00E+00	0.00E+00	2.98E-01	7.37E-07	4.18E-04	7.51E-04	0.00E+00	-2.20E-04	6.24E-11	4.32E-09	2.65E-03	1.52E-01	1.81E-08	0.00E+00	3.54E-01	2.33E-03	8.04E-01	0.00E+00	6.65E-09	3.39E-09	2.32E-04	1.03E-07	6.23E-02	0.00E+00	8.04E-01	2.46E-07	8.04E-01	8.79E-01	6.23E-02	0.00E+00	0.00E+00	0.00E+00	1.35E+01
848112506	7.93E-04	4.83E-02	2.90E-03	4.64E-02	0.00E+00	0.00E+00	2.77E-01	6.77E-07	3.95E-04	5.13E-04	0.00E+00	-2.21E-04	4.49E-11	4.25E-09	2.27E-03	1.22E-01	1.81E-08	0.00E+00	2.93E-01	2.30E-03	7.08E-01	0.00E+00	5.72E-09	2.95E-09	1.68E-04	1.10E-07	5.28E-02	0.00E+00	7.08E-01	1.92E-07	7.08E-01	7.51E-01	5.28E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
848112512	8.67E-04	5.70E-02	2.89E-03	5.73E-02	0.00E+00	0.00E+00	3.03E-01	6.72E-07	4.08E-04	7.50E-04	0.00E+00	-2.51E-04	2.81E-10	4.32E-09	2.71E-03	1.52E-01	1.81E-08	0.00E+00	3.54E-01	2.45E-03	7.79E-01	0.00E+00	6.47E-09	3.35E-09	2.32E-04	1.04E-07	6.24E-02	0.00E+00	7.79E-01	2.62E-07	7.79E-01	8.40E-01	6.24E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
848112517	9.91E-04	1.09E-01	1.32E-02	8.81E-02	0.00E+00	0.00E+00	5.68E-01	1.10E-06	5.19E-04	1.02E-03	0.00E+00	-3.65E-04	3.06E-10	5.26E-09	4.10E-03	1.85E-01	1.81E-08	0.00E+00	5.07E-01	5.53E-03	9.10E-01	0.00E+00	7.48E-09	4.09E-09	3.02E-04	3.44E-07	8.61E-02	0.00E+00	9.10E-01	2.58E-07	9.10E-01	9.84E-01	8.61E-02	0.00E+00	0.00E+00	0.00E+00	1.93E+01
848202502	9.54E-04	1.06E-01	1.20E-02	8.63E-02	0.00E+00	0.00E+00	4.65E-01	1.01E-06	5.43E-04	1.01E-03	0.00E+00	-3.08E-04	8.91E-11	5.22E-09	4.05E-03	1.85E-01	1.81E-08	0.00E+00	4.38E-01	4.94E-03	9.29E-01	0.00E+00	7.86E-09	4.07E-09	2.97E-04	3.27E-07	8.19E-02	0.00E+00	9.29E-01	2.72E-07	9.29E-01	1.03E+00	8.19E-02	0.00E+00	0.00E+00	0.00E+00	1.73E+01
848202503	7.23E-04	4.64E-02	2.76E-03	4.38E-02	0.00E+00	0.00E+00	2.73E-01	6.18E-07	3.89E-04	4.61E-04	0.00E+00	-1.99E-04	4.30E-11	4.15E-09	1.92E-03	1.01E-01	1.81E-08	0.00E+00	2.27E-01	2.07E-03	5.72E-01	0.00E+00	4.34E-09	2.52E-09	1.42E-04	7.00E-08	4.59E-02	0.00E+00	5.72E-01	1.59E-07	5.72E-01	6.00E-01	4.59E-02	0.00E+00	0.00E+00	0.00E+00	8.62E+00
848202506	9.23E-04	9.42E-02	6.98E-03	8.18E-02	0.00E+00	0.00E+00	4.10E-01	8.56E-07	5.10E-04	9.20E-04	0.00E+00	-1.47E-04	7.90E-11	5.03E-09	3.33E-03	1.66E-01	1.81E-08	0.00E+00	3.99E-01	4.11E-03	8.59E-01	0.00E+00	7.26E-09	3.83E-09	2.74E-04	2.62E-07	7.43E-02	0.00E+00	8.59E-01	2.55E-07	8.59E-01	9.56E-01	7.43E-02	0.00E+00	0.00E+00	0.00E+00	1.55E+01
848212502	9.15E-04	9.32E-02	3.14E-03	8.20E-02	0.00E+00	0.00E+00	4.07E-01	8.07E-07	4.88E-04	8.55E-04	0.00E+00	-2.78E-04	7.95E-11	5.07E-09	3.33E-03	1.63E-01	1.81E-08	0.00E+00	3.98E-01	4.06E-03	8.48E-01	0.00E+00	7.10E-09	3.64E-09	2.50E-04	1.75E-07	7.35E-02	0.00E+00	8.48E-01	2.64E-07	8.48E-01	9.29E-01	7.35E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
848212503	9.15E-04	9.32E-02	3.14E-03	8.20E-02	0.00E+00	0.00E+00	4.07E-01	8.07E-07	4.88E-04	8.55E-04	0.00E+00	-2.78E-04	7.95E-11	5.07E-09	3.33E-03	1.63E-01	1.81E-08	0.00E+00	3.98E-01	4.06E-03	8.48E-01	0.00E+00	7.10E-09	3.64E-09	2.50E-04	1.75E-07	7.35E-02	0.00E+00	8.48E-01	2.64E-07	8.48E-01	9.29E-01	7.35E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
848212504	9.15E-04	9.32E-02	3.14E-03	8.20E-02	0.00E+00	0.00E+00	4.07E-01	8.07E-07	4.88E-04	8.55E-04	0.00E+00	-2.78E-04	7.95E-11	5.07E-09	3.33E-03	1.63E-01	1.81E-08	0.00E+00	3.98E-01	4.06E-03	8.48E-01	0.00E+00	7.10E-09	3.64E-09	2.50E-04	1.75E-07	7.35E-02	0.00E+00	8.48E-01	2.64E-07	8.48E-01	9.29E-01	7.35E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
848212512	8.68E-04	5.80E-02	2.89E-03	5.90E-02	0.00E+00	0.00E+00	3.01E-01	6.86E-07	4.23E-04	7.54E-04	0.00E+00	-2.51E-04	2.80E-10	4.46E-09	2.74E-03	1.54E-01	1.81E-08	0.00E+00	3.63E-01	2.45E-03	7.88E-01	0.00E+00	6.62E-09	3.41E-09	2.32E-04	1.04E-07	6.25E-02	0.00E+00	7.88E-01	2.99E-07	7.88E-01	8.63E-01	6.25E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
848212513	9.87E-04	1.09E-01	1.31E-02	8.89E-02	0.00E+00	0.00E+00	5.67E-01	1.06E-06	5.21E-04	1.02E-03	0.00E+00	-3.66E-04	3.06E-10	5.20E-09	4.08E-03	1.86E-01	1.81E-08	0.00E+00	5.06E-01	5.29E-03	9.07E-01	0.00E+00	7.44E-09	4.08E-09	3.01E-04	3.37E-07	8.60E-02	0.00E+00	9.07E-01	2.69E-07	9.07E-01	9.86E-01	8.60E-02	0.00E+00	0.00E+00	0.00E+00	1.97E+01
848212514	9.52E-04	1.09E-01	1.27E-02	8.89E-02	0.00E+00	0.00E+00	5.33E-01	1.03E-06	5.21E-04	1.02E-03	0.00E+00	-3.66E-04	3.05E-10	5.20E-09	4.09E-03	1.86E-01	1.81E-08	0.00E+00	4.84E-01	5.10E-03	8.99E-01	0.00E+00	7.39E-09	4.04E-09	3.00E-04	3.33E-07	8.41E-02	0.00E+00	8.99E-01	2.63E-07	8.99E-01	9.75E-01	8.41E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+01
848302502	1.02E-03	1.08E-01	1.35E-02	8.68E-02	0.00E+00	0.00E+00	5.67E-01	1.11E-06	5.43E-04	1.00E-03	0.00E+00	-3.04E-04	9.78E-11	5.30E-09	4.21E-03	1.86E-01	1.81E-08	0.00E+00	5.07E-01	5.56E-03	9.36E-01	0.00E+00	7.87E-09	4.13E-09	2.99E-04	3.37E-07	8.71E-02	0.00E+00	9.36E-01	2.65E-07	9.36E-01	1.03E+00	8.71E-02	0.00E+00	0.00E+00	0.00E+00	1.93E+01
848302503	9.50E-04	9.74E-02	7.16E-03	8.09E-02	0.00E+00	0.00E+00	4.27E-01	9.75E-07	5.21E-04	9.68E-04	0.00E+00	-1.43E-04	8.53E-11	5.22E-09	3.76E-03	1.78E-01	1.81E-08	0.00E+00	3.97E-01	4.39E-03	9.15E-01	0.00E+00	7.75E-09	3.94E-09	2.87E-04	3.37E-07	8.04E-02	0.00E+00	9.15E-01	2.61E-07	9.15E-01	1.02E+00	8.04E-02	0.00E+00	0.00E+00	0.00E+00	1.67E+01
848312512	7.90E-04	4.85E-02	2.90E-03	4.63E-02	0.00E+00	0.00E+00	2.79E-01	6.23E-07	3.97E-04	5.14E-04	0.00E+00	-2.54E-04	2.69E-10	4.28E-09	2.36E-03	1.23E-01	1.81E-08	0.00E+00	2.94E-01	2.42E-03	6.93E-01	0.00E+00	5.69E-09	2.94E-09	1.68E-04	1.12E-07	5.33E-02	0.00E+00	6.93E-01	1.96E-07	6.93E-01	7.28E-01	5.33E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
848312514	9.10E-04	9.33E-02	3.51E-03	8.21E-02	0.00E+00	0.00E+00	4.08E-01	7.95E-07	4.87E-04	9.11E-04	0.00E+00	-3.05E-04	2.94E-10	5.10E-09	3.47E-03	1.64E-01	1.81E-08	0.00E+00	3.98E-01	4.10E-03	8.32E-01	0.00E+00	6.99E-09	3.65E-09	2.73E-04	1.75E-07	7.39E-02	0.00E+00	8.32E-01	2.73E-07	8.32E-01	9.01E-01	7.39E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
848502506	9.27E-04	9.28E-02	2.99E-03	8.09E-02	0.00E+00	0.00E+00	4.07E-01	8.24E-07	4.94E-04	8.38E-04	0.00E+00	-2.70E-04	7.89E-11	5.06E-09	3.28E-03	1.63E-01	1.81E-08	0.00E+00	3.99E-01	3.96E-03	8.52E-01	0.00E+00	7.15E-09	3.75E-09	2.47E-04	1.19E-07	7.37E-02	0.00E+00	8.52E-01	2.76E-07	8.52E-01	9.45E-01	7.37E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
848512506	9.14E-04	9.32E-02	2.94E-03	8.20E-02	0.00E+00	0.00E+00	4.07E-01	8.09E-07	4.88E-04	8.55E-04	0.00E+00	-2.85E-04	7.94E-11	5.07E-09	3.33E-03	1.63E-01	1.81E-08	0.00E+00	3.98E-01	4.05E-03	8.48E-01	0.00E+00	7.10E-09	3.60E-09	2.50E-04	1.36E-07	7.35E-02	0.00E+00	8.48E-01	2.60E-07	8.48E-01	9.29E-01	7.35E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
848512512	7.91E-04	4.86E-02	2.68E-03	4.63E-02	0.00E+00	0.00E+00	2.79E-01	6.27E-07	3.97E-04	5.14E-04	0.00E+00	-2.60E-04	2.69E-10	4.28E-09	2.36E-03	1.23E-01	1.81E-08	0.00E+00	2.95E-01	2.42E-03	6.94E-01	0.00E+00	5.70E-09	2.90E-09	1.69E-04	6.62E-08	5.33E-02	0.00E+00	6.94E-01	1.95E-07	6.94E-01	7.28E-01	5.33E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
848512513	9.84E-04	1.08E-01	1.27E-02	8.63E-02	0.00E+00	0.00E+00	5.55E-01	1.04E-06	5.17E-04	1.03E-03	0.00E+00	-3.49E-04	3.05E-10	5.30E-09	3.97E-03	1.83E-01	1.81E-08	0.00E+00	4.83E-01	5.94E-03	8.83E-01	0.00E+00	7.35E-09	3.85E-09	3.02E-04	3.17E-07	8.44E-02	0.00E+00	8.83E-01	2.11E-07	8.83E-01	9.54E-01	8.44E-02	0.00E+00	0.00E+00	0.00E+00	1.85E+01
848512514	9.40E-04	9.93E-02	6.79E-03	8.29E-02	0.00E+00	0.00E+00	4.27E-01	9.13E-07	5.00E-04	9.87E-04	0.00E+00	-2.24E-04	2.99E-10	5.23E-09	3.86E-03	1.81E-01	1.81E-08	0.00E+00	4.31E-01	4.18E-03	8.88E-01	0.00E+00	7.43E-09	3.80E-09	2.96E-04	2.64E-07	8.01E-02	0.00E+00	8.88E-01	2.46E-07	8.88E-01	9.61E-01	8.01E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
848602502	7.93E-04	5.04E-02	2.77E-03	4.93E-02	0.00E+00	0.00E+00	2.77E-01	6.83E-07	3.97E-04	5.33E-04	0.00E+00	-1.99E-04	4.49E-11	4.26E-09	2.20E-03	1.26E-01	1.81E-08	0.00E+00	2.92E-01	2.10E-03	7.15E-01	0.00E+00	5.75E-09	3.03E-09	1.66E-04	7.18E-08	5.26E-02	0.00E+00	7.15E-01	1.89E-07	7.15E-01	7.61E-01	5.26E-02	0.00E+00	0.00E+00	0.00E+00	1.09E+01
848602503	9.18E-04	9.36E-02	3.02E-03	8.21E-02	0.00E+00	0.00E+00	4.01E-01	8.15E-07	4.97E-04	8.49E-04	0.00E+00	-2.67E-04	7.90E-11	5.00E-09	3.32E-03	1.64E-01	1.81E-08	0.00E+00	3.98E-01	4.00E-03	8.55E-01	0.00E+00	7.17E-09	3.79E-09	2.50E-04	1.62E-07	7.40E-02	0.00E+00	8.55E-01	2.79E-07	8.55E-01	9.54E-01	7.40E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
848602504	9.18E-04	9.36E-02	3.02E-03	8.21E-02	0.00E+00	0.00E+00	4.01E-01	8.15E-07	4.97E-04	8.49E-04	0.00E+00	-2.67E-04	7.90E-11	5.00E-09	3.32E-03	1.64E-01	1.81E-08	0.00E+00	3.98E-01	4.00E-03	8.55E-01	0.00E+00	7.17E-09	3.79E-09	2.50E-04	1.62E-07	7.40E-02	0.00E+00	8.55E-01	2.79E-07	8.55E-01	9.54E-01	7.40E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
848602507	9.18E-04	9.36E-02	3.02E-03	8.21E-02	0.00E+00	0.00E+00	4.01E-01	8.15E-07	4.97E-04	8.49E-04	0.00E+00	-2.67E-04	7.90E-11	5.00E-09	3.32E-03	1.64E-01	1.81E-08	0.00E+00	3.98E-01	4.00E-03	8.55E-01	0.00E+00	7.17E-09	3.79E-09	2.50E-04	1.62E-07	7.40E-02	0.00E+00	8.55E-01	2.79E-07	8.55E-01	9.54E-01	7.40E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
848602512	9.01E-04	9.50E-02	3.48E-03	8.32E-02	0.00E+00	0.00E+00	4.03E-01	7.91E-07	4.86E-04	9.20E-04	0.00E+00	-3.06E-04	2.93E-10	4.98E-09	3.48E-03	1.64E-01	1.81E-08	0.00E+00	3.97E-01	4.13E-03	8.32E-01	0.00E+00	6.92E-09	3.64E-09	2.75E-04	1.66E-07	7.41E-02	0.00E+00	8.32E-01	2.74E-07	8.32E-01	9.04E-01	7.41E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
848612517	9.89E-04	1.13E-01	1.31E-02	9.36E-02	0.00E+00	0.00E+00	5.71E-01	1.12E-06	5.22E-04	1.06E-03	0.00E+00	-3.66E-04	3.06E-10	5.18E-09	4.37E-03	1.92E-01	1.81E-08	0.00E+00	5.10E-01	5.68E-03	9.36E-01	0.00E+00	7.54E-09	4.13E-09	3.21E-04	3.37E-07	8.65E-02	0.00E+00	9.36E-01	2.69E-07	9.36E-01	1.02E+00	8.65E-02	0.00E+00	0.00E+00	0.00E+00	1.99E+01
848702502	7.18E-04	4.81E-02	2.78E-03	4.59E-02	0.00E+00	0.00E+00	2.72E-01	6.02E-07	3.87E-04	4.89E-04	0.00E+00	-1.99E-04	4.30E-11	4.19E-09	1.86E-03	1.05E-01	1.81E-08	0.00E+00	2.24E-01	2.10E-03	5.80E-01	0.00E+00	4.29E-09	2.54E-09	1.42E-04	7.07E-08	4.40E-02	0.00E+00	5.80E-01	1.42E-07	5.80E-01	6.02E-01	4.40E-02	0.00E+00	0.00E+00	0.00E+00	8.90E+00
848702503	7.17E-04	4.74E-02	2.76E-03	4.54E-02	0.00E+00	0.00E+00	2.65E-01	5.89E-07	3.88E-04	4.79E-04	0.00E+00	-1.99E-04	4.32E-11	4.15E-09	1.72E-03	1.03E-01	1.81E-08	0.00E+00	2.23E-01	2.07E-03	5.77E-01	0.00E+00	4.28E-09	2.52E-09	1.42E-04	7.13E-08	4.40E-02	0.00E+00	5.77E-01	1.28E-07	5.77E-01	5.95E-01	4.40E-02	0.00E+00	0.00E+00	0.00E+00	9.04E+00
848702504	7.20E-04	4.74E-02	2.76E-03	4.52E-02	0.00E+00	0.00E+00	2.64E-01	5.97E-07	3.87E-04	4.84E-04	0.00E+00	-1.99E-04	4.31E-11	4.16E-09	1.72E-03	1.04E-01	1.81E-08	0.00E+00	2.23E-01	2.07E-03	5.77E-01	0.00E+00	4.26E-09	2.52E-09	1.42E-04	7.06E-08	4.39E-02	0.00E+00	5.77E-01	1.31E-07	5.77E-01	6.00E-01	4.39E-02	0.00E+00	0.00E+00	0.00E+00	9.04E+00
848712502	9.15E-04	9.52E-02	7.05E-03	8.30E-02	0.00E+00	0.00E+00	4.09E-01	8.45E-07	4.89E-04	9.42E-04	0.00E+00	-1.62E-04	7.95E-11	5.02E-09	3.37E-03	1.66E-01	1.81E-08	0.00E+00	3.98E-01	4.17E-03	8.65E-01	0.00E+00	7.27E-09	3.70E-09	2.79E-04	2.84E-07	7.40E-02	0.00E+00	8.65E-01	2.52E-07	8.65E-01	9.54E-01	7.40E-02	0.00E+00	0.00E+00	0.00E+00	1.55E+01
848712503	7.83E-04	5.05E-02	2.86E-03	4.88E-02	0.00E+00	0.00E+00	2.77E-01	6.64E-07	3.94E-04	5.28E-04	0.00E+00	-2.20E-04	4.49E-11	4.28E-09	2.20E-03	1.26E-01	1.81E-08	0.00E+00	2.90E-01	2.33E-03	7.10E-01	0.00E+00	5.70E-09	2.94E-09	1.67E-04	1.02E-07	5.19E-02	0.00E+00	7.10E-01	1.79E-07	7.10E-01	7.54E-01	5.19E-02	0.00E+00	0.00E+00	0.00E+00	1.05E+01
848712504	9.07E-04	9.42E-02	3.11E-03	8.32E-02	0.00E+00	0.00E+00	4.02E-01	8.00E-07	4.90E-04	8.62E-04	0.00E+00	-2.81E-04	7.95E-11	4.99E-09	3.37E-03	1.65E-01	1.81E-08	0.00E+00	3.98E-01	4.09E-03	8.51E-01	0.00E+00	7.10E-09	3.64E-09	2.52E-04	1.67E-07	7.38E-02	0.00E+00	8.51E-01	2.69E-07	8.51E-01	9.41E-01	7.38E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
848712505	9.07E-04	9.42E-02	3.10E-03	8.32E-02	0.00E+00	0.00E+00	4.02E-01	8.00E-07	4.90E-04	8.62E-04	0.00E+00	-2.81E-04	7.95E-11	4.99E-09	3.37E-03	1.64E-01	1.81E-08	0.00E+00	3.98E-01	4.06E-03	8.51E-01	0.00E+00	7.10E-09	3.64E-09	2.51E-04	1.67E-07	7.38E-02	0.00E+00	8.51E-01	2.69E-07	8.51E-01	9.41E-01	7.38E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
848712512	9.87E-04	1.12E-01	1.31E-02	8.97E-02	0.00E+00	0.00E+00	5.70E-01	1.11E-06	5.22E-04	1.03E-03	0.00E+00	-3.66E-04	3.06E-10	5.19E-09	4.26E-03	1.90E-01	1.81E-08	0.00E+00	5.10E-01	5.68E-03	9.36E-01	0.00E+00	7.55E-09	4.13E-09	3.05E-04	3.37E-07	8.63E-02	0.00E+00	9.36E-01	2.71E-07	9.36E-01	1.02E+00	8.63E-02	0.00E+00	0.00E+00	0.00E+00	1.99E+01
848712513	9.04E-04	9.43E-02	3.48E-03	8.32E-02	0.00E+00	0.00E+00	4.03E-01	7.93E-07	4.88E-04	9.19E-04	0.00E+00	-3.06E-04	2.93E-10	5.01E-09	3.48E-03	1.64E-01	1.81E-08	0.00E+00	3.97E-01	4.13E-03	8.32E-01	0.00E+00	6.93E-09	3.64E-09	2.75E-04	1.68E-07	7.42E-02	0.00E+00	8.32E-01	2.74E-07	8.32E-01	9.05E-01	7.42E-02	0.00E+00	0.00E+00	0.00E+00	1.55E+01
848712514	7.13E-04	4.83E-02	2.86E-03	4.55E-02	0.00E+00	0.00E+00	2.72E-01	5.91E-07	3.88E-04	4.83E-04	0.00E+00	-2.51E-04	2.67E-10	4.21E-09	2.10E-03	1.04E-01	1.81E-08	0.00E+00	2.21E-01	2.45E-03	5.83E-01	0.00E+00	4.50E-09	2.56E-09	1.43E-04	1.03E-07	4.40E-02	0.00E+00	5.83E-01	1.28E-07	5.83E-01	6.02E-01	4.40E-02	0.00E+00	0.00E+00	0.00E+00	8.95E+00
848812502	9.07E-04	9.42E-02	3.11E-03	8.32E-02	0.00E+00	0.00E+00	4.01E-01	8.00E-07	4.90E-04	8.62E-04	0.00E+00	-2.81E-04	7.95E-11	4.99E-09	3.37E-03	1.64E-01	1.81E-08	0.00E+00	3.97E-01	4.09E-03	8.50E-01	0.00E+00	7.10E-09	3.64E-09	2.52E-04	1.67E-07	7.38E-02	0.00E+00	8.50E-01	2.68E-07	8.50E-01	9.40E-01	7.38E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
8618505	4.48E-04	3.87E-02	6.49E-03	3.38E-02	0.00E+00	0.00E+00	2.36E-01	5.38E-07	2.58E-04	3.67E-04	0.00E+00	-5.98E-04	3.79E-11	2.73E-09	1.84E-03	9.15E-02	0.00E+00	0.00E+00	2.25E-01	8.10E-03	4.71E-01	0.00E+00	3.72E-09	1.96E-09	1.22E-04	2.07E-07	4.14E-02	0.00E+00	4.71E-01	6.62E-08	4.71E-01	5.17E-01	4.14E-02	0.00E+00	0.00E+00	0.00E+00	8.39E+00
861852501	4.48E-04	3.82E-02	6.49E-03	3.37E-02	0.00E+00	0.00E+00	2.37E-01	5.42E-07	2.58E-04	3.63E-04	0.00E+00	-5.98E-04	3.79E-11	2.72E-09	1.83E-03	9.21E-02	0.00E+00	0.00E+00	2.28E-01	8.10E-03	4.67E-01	0.00E+00	3.70E-09	1.98E-09	1.20E-04	2.07E-07	4.11E-02	0.00E+00	4.67E-01	6.70E-08	4.67E-01	5.16E-01	4.11E-02	0.00E+00	0.00E+00	0.00E+00	8.36E+00
861852502	4.53E-04	3.87E-02	6.49E-03	3.39E-02	0.00E+00	0.00E+00	2.37E-01	5.39E-07	2.58E-04	3.67E-04	0.00E+00	-5.98E-04	3.79E-11	2.74E-09	1.85E-03	9.23E-02	0.00E+00	0.00E+00	2.27E-01	8.10E-03	4.69E-01	0.00E+00	3.71E-09	1.97E-09	1.21E-04	2.07E-07	4.15E-02	0.00E+00	4.69E-01	6.78E-08	4.69E-01	5.16E-01	4.15E-02	0.00E+00	0.00E+00	0.00E+00	8.45E+00
861852505	4.64E-04	3.87E-02	6.47E-03	3.44E-02	0.00E+00	0.00E+00	2.37E-01	5.37E-07	2.62E-04	3.73E-04	0.00E+00	-5.98E-04	3.85E-11	2.79E-09	1.85E-03	9.42E-02	0.00E+00	0.00E+00	2.28E-01	8.10E-03	4.73E-01	0.00E+00	3.73E-09	1.98E-09	1.23E-04	2.07E-07	4.14E-02	0.00E+00	4.73E-01	6.78E-08	4.73E-01	5.20E-01	4.14E-02	0.00E+00	0.00E+00	0.00E+00	8.39E+00
8619505	4.48E-04	4.50E-02	6.52E-03	3.82E-02	0.00E+00	0.00E+00	2.48E-01	5.50E-07	2.61E-04	3.83E-04	0.00E+00	-6.15E-04	4.11E-11	2.91E-09	2.07E-03	9.46E-02	0.00E+00	0.00E+00	2.15E-01	7.37E-03	4.72E-01	0.00E+00	3.65E-09	2.07E-09	1.21E-04	2.00E-07	4.06E-02	0.00E+00	4.72E-01	7.89E-08	4.72E-01	5.13E-01	4.06E-02	0.00E+00	0.00E+00	0.00E+00	8.10E+00
861952502	4.56E-04	4.04E-02	6.52E-03	3.44E-02	0.00E+00	0.00E+00	2.36E-01	5.39E-07	2.58E-04	3.75E-04	0.00E+00	-6.15E-04	3.85E-11	2.75E-09	1.86E-03	9.38E-02	0.00E+00	0.00E+00	2.27E-01	8.02E-03	4.71E-01	0.00E+00	3.73E-09	2.00E-09	1.22E-04	2.07E-07	4.11E-02	0.00E+00	4.71E-01	6.80E-08	4.71E-01	5.20E-01	4.11E-02	0.00E+00	0.00E+00	0.00E+00	8.37E+00
861952505	4.54E-04	4.03E-02	6.52E-03	3.44E-02	0.00E+00	0.00E+00	2.36E-01	5.39E-07	2.59E-04	3.75E-04	0.00E+00	-6.15E-04	3.85E-11	2.80E-09	1.87E-03	9.39E-02	0.00E+00	0.00E+00	2.26E-01	8.02E-03	4.73E-01	0.00E+00	3.73E-09	2.00E-09	1.23E-04	2.07E-07	4.12E-02	0.00E+00	4.73E-01	6.78E-08	4.73E-01	5.21E-01	4.12E-02	0.00E+00	0.00E+00	0.00E+00	8.37E+00
861952506	4.42E-04	4.03E-02	6.54E-03	3.44E-02	0.00E+00	0.00E+00	2.36E-01	5.42E-07	2.56E-04	3.69E-04	0.00E+00	-6.15E-04	3.79E-11	2.75E-09	1.88E-03	9.21E-02	0.00E+00	0.00E+00	2.26E-01	8.02E-03	4.69E-01	0.00E+00	3.72E-09	1.99E-09	1.22E-04	2.07E-07	4.13E-02	0.00E+00	4.69E-01	6.77E-08	4.69E-01	5.17E-01	4.13E-02	0.00E+00	0.00E+00	0.00E+00	8.46E+00
8624900	4.05E-04	3.74E-02	2.21E-03	3.51E-02	0.00E+00	0.00E+00	1.93E-01	5.35E-07	2.50E-04	3.68E-04	0.00E+00	-1.82E-04	3.57E-11	2.98E-09	1.54E-03	9.17E-02	0.00E+00	0.00E+00	1.91E-01	2.96E-04	4.25E-01	0.00E+00	3.36E-09	1.92E-09	1.07E-04	1.63E-08	3.58E-02	0.00E+00	4.25E-01	8.28E-08	4.25E-01	4.77E-01	3.58E-02	0.00E+00	0.00E+00	0.00E+00	7.22E+00
8624905	5.49E-04	4.37E-02	2.28E-03	5.71E-02	0.00E+00	0.00E+00	2.55E-01	5.73E-07	3.06E-04	5.29E-04	0.00E+00	-1.82E-04	4.05E-11	3.13E-09	1.87E-03	1.06E-01	0.00E+00	0.00E+00	2.08E-01	1.19E-04	6.26E-01	0.00E+00	5.06E-09	2.77E-09	1.60E-04	1.92E-08	4.28E-02	0.00E+00	6.26E-01	9.33E-08	6.26E-01	6.69E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	8.11E+00
862492502	5.48E-04	4.37E-02	2.29E-03	5.74E-02	0.00E+00	0.00E+00	2.35E-01	5.58E-07	3.03E-04	5.35E-04	0.00E+00	-1.82E-04	3.86E-11	3.04E-09	1.85E-03	1.05E-01	0.00E+00	0.00E+00	2.04E-01	1.19E-04	6.25E-01	0.00E+00	5.05E-09	2.76E-09	1.66E-04	1.92E-08	4.22E-02	0.00E+00	6.25E-01	9.27E-08	6.25E-01	6.66E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	7.87E+00
862492505	5.48E-04	4.37E-02	2.28E-03	5.71E-02	0.00E+00	0.00E+00	2.55E-01	5.80E-07	3.11E-04	5.30E-04	0.00E+00	-1.82E-04	4.04E-11	3.13E-09	1.88E-03	1.06E-01	0.00E+00	0.00E+00	2.08E-01	1.19E-04	6.22E-01	0.00E+00	5.05E-09	2.77E-09	1.60E-04	1.92E-08	4.28E-02	0.00E+00	6.22E-01	9.33E-08	6.22E-01	6.67E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	8.11E+00
862572502	5.65E-04	4.10E-02	3.76E-03	5.20E-02	0.00E+00	0.00E+00	2.12E-01	5.54E-07	2.99E-04	4.80E-04	0.00E+00	-2.34E-04	3.97E-11	3.14E-09	2.04E-03	1.05E-01	0.00E+00	0.00E+00	2.22E-01	1.48E-03	5.87E-01	0.00E+00	4.67E-09	2.68E-09	1.56E-04	6.01E-08	4.20E-02	0.00E+00	5.87E-01	8.22E-08	5.87E-01	6.28E-01	4.20E-02	0.00E+00	0.00E+00	0.00E+00	8.43E+00
862572505	5.68E-04	4.01E-02	3.54E-03	5.20E-02	0.00E+00	0.00E+00	2.28E-01	5.70E-07	3.01E-04	4.80E-04	0.00E+00	-2.34E-04	3.99E-11	3.14E-09	2.09E-03	1.05E-01	0.00E+00	0.00E+00	2.27E-01	1.39E-03	5.99E-01	0.00E+00	4.76E-09	2.69E-09	1.56E-04	5.56E-08	4.24E-02	0.00E+00	5.99E-01	8.33E-08	5.99E-01	6.42E-01	4.24E-02	0.00E+00	0.00E+00	0.00E+00	8.47E+00
8625900	5.13E-04	3.81E-02	3.05E-03	3.29E-02	0.00E+00	0.00E+00	1.95E-01	5.30E-07	3.20E-04	3.45E-04	0.00E+00	-2.05E-04	3.59E-11	3.18E-09	1.47E-03	9.14E-02	1.59E-08	0.00E+00	1.98E-01	1.79E-03	4.10E-01	0.00E+00	3.04E-09	1.85E-09	9.44E-05	5.23E-08	3.58E-02	0.00E+00	4.10E-01	8.76E-08	4.10E-01	4.48E-01	3.58E-02	0.00E+00	0.00E+00	0.00E+00	7.41E+00
862622502	7.70E-04	5.58E-02	7.73E-03	6.16E-02	0.00E+00	0.00E+00	3.16E-01	9.41E-07	3.60E-04	8.05E-04	0.00E+00	-6.16E-04	6.09E-11	3.67E-09	2.76E-03	1.59E-01	0.00E+00	0.00E+00	3.27E-01	1.21E-02	8.89E-01	0.00E+00	7.05E-09	3.92E-09	2.57E-04	2.69E-07	6.08E-02	0.00E+00	8.89E-01	1.36E-06	8.89E-01	9.71E-01	6.08E-02	0.00E+00	0.00E+00	0.00E+00	1.24E+01
862622505	5.86E-04	5.38E-02	1.14E-02	4.24E-02	0.00E+00	0.00E+00	2.96E-01	6.20E-07	3.52E-04	4.49E-04	0.00E+00	-1.21E-03	5.29E-11	4.04E-09	2.12E-03	1.18E-01	0.00E+00	0.00E+00	2.80E-01	1.59E-02	5.40E-01	0.00E+00	4.43E-09	2.33E-09	1.46E-04	3.90E-07	4.88E-02	0.00E+00	5.40E-01	6.43E-10	5.40E-01	5.89E-01	4.88E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
862622506	7.46E-04	5.46E-02	7.64E-03	6.18E-02	0.00E+00	0.00E+00	2.75E-01	9.08E-07	3.52E-04	7.54E-04	0.00E+00	-6.16E-04	5.75E-11	3.64E-09	2.71E-03	1.57E-01	0.00E+00	0.00E+00	3.27E-01	1.23E-02	8.65E-01	0.00E+00	6.72E-09	3.80E-09	2.53E-04	2.70E-07	6.11E-02	0.00E+00	8.65E-01	1.37E-06	8.65E-01	9.36E-01	6.11E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
8627205	4.39E-04	4.03E-02	6.48E-03	3.41E-02	0.00E+00	0.00E+00	2.27E-01	5.62E-07	2.54E-04	3.74E-04	0.00E+00	-6.14E-04	3.84E-11	2.67E-09	1.89E-03	9.20E-02	0.00E+00	0.00E+00	2.23E-01	7.94E-03	4.87E-01	0.00E+00	3.73E-09	1.98E-09	1.21E-04	2.07E-07	4.01E-02	0.00E+00	4.87E-01	7.29E-08	4.87E-01	5.32E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	7.92E+00
863012502	7.47E-04	4.82E-02	2.68E-03	4.62E-02	0.00E+00	0.00E+00	2.75E-01	6.40E-07	3.98E-04	5.07E-04	0.00E+00	-2.28E-04	4.49E-11	4.16E-09	2.23E-03	1.19E-01	1.59E-08	0.00E+00	2.73E-01	2.30E-03	6.07E-01	0.00E+00	5.05E-09	2.71E-09	1.60E-04	6.04E-08	4.92E-02	0.00E+00	6.07E-01	1.72E-07	6.07E-01	6.63E-01	4.92E-02	0.00E+00	0.00E+00	0.00E+00	9.34E+00
863012505	8.67E-04	9.30E-02	3.30E-03	8.37E-02	0.00E+00	0.00E+00	4.16E-01	8.03E-07	4.75E-04	9.15E-04	0.00E+00	-2.71E-04	7.88E-11	5.00E-09	3.28E-03	1.59E-01	1.59E-08	0.00E+00	3.77E-01	4.03E-03	7.90E-01	0.00E+00	6.70E-09	3.47E-09	2.70E-04	1.35E-07	6.91E-02	0.00E+00	7.90E-01	2.47E-07	7.90E-01	8.73E-01	6.91E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
863012512	1.03E-03	1.17E-01	1.30E-02	9.92E-02	0.00E+00	0.00E+00	5.58E-01	1.01E-06	5.01E-04	1.14E-03	0.00E+00	-3.73E-04	3.06E-10	5.13E-09	4.40E-03	2.15E-01	1.59E-08	0.00E+00	5.10E-01	5.67E-03	9.44E-01	0.00E+00	7.67E-09	3.98E-09	3.28E-04	3.14E-07	8.31E-02	0.00E+00	9.44E-01	2.41E-07	9.44E-01	1.02E+00	8.31E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
863012513	6.71E-04	4.57E-02	2.71E-03	4.25E-02	0.00E+00	0.00E+00	2.73E-01	5.61E-07	3.80E-04	4.65E-04	0.00E+00	-2.60E-04	2.67E-10	4.08E-09	2.20E-03	1.00E-01	1.59E-08	0.00E+00	2.20E-01	2.42E-03	5.01E-01	0.00E+00	4.03E-09	2.36E-09	1.40E-04	6.79E-08	4.42E-02	0.00E+00	5.01E-01	1.29E-07	5.01E-01	5.52E-01	4.42E-02	0.00E+00	0.00E+00	0.00E+00	8.01E+00

863012514	9.43E-04	1.13E-01	1.30E-02	9.11E-02	0.00E+00	0.00E+00	5.50E-01	9.90E-07	5.09E-04	1.03E-03	0.00E+00	-3.72E-04	3.06E-10	5.18E-09	4.19E-03	1.85E-01	1.59E-08	0.00E+00	4.91E-01	5.70E-03	9.10E-01	0.00E+00	7.39E-09	3.94E-09	3.05E-04	3.21E-07	7.96E-02	0.00E+00	9.10E-01	2.25E-07	9.10E-01	9.97E-01	7.96E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
863012515	8.95E-04	1.02E-01	3.59E-03	8.67E-02	0.00E+00	0.00E+00	4.27E-01	8.41E-07	4.94E-04	1.01E-03	0.00E+00	-2.24E-04	2.99E-10	5.15E-09	3.81E-03	1.80E-01	1.59E-08	0.00E+00	4.14E-01	4.18E-03	8.59E-01	0.00E+00	7.23E-09	3.70E-09	2.95E-04	1.85E-07	7.43E-02	0.00E+00	8.59E-01	2.22E-07	8.59E-01	9.46E-01	7.43E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
863012517	7.44E-04	4.82E-02	2.70E-03	4.64E-02	0.00E+00	0.00E+00	2.77E-01	5.80E-07	4.01E-04	5.08E-04	0.00E+00	-2.60E-04	2.69E-10	4.22E-09	2.34E-03	1.20E-01	1.59E-08	0.00E+00	2.68E-01	2.42E-03	6.06E-01	0.00E+00	5.11E-09	2.70E-09	1.64E-04	6.61E-08	4.94E-02	0.00E+00	6.06E-01	1.66E-07	6.06E-01	6.56E-01	4.94E-02	0.00E+00	0.00E+00	0.00E+00	9.22E+00
863512502	8.67E-04	9.30E-02	3.30E-03	8.37E-02	0.00E+00	0.00E+00	4.16E-01	8.03E-07	4.75E-04	9.15E-04	0.00E+00	-2.71E-04	7.88E-11	5.00E-09	3.28E-03	1.59E-01	1.59E-08	0.00E+00	3.77E-01	4.03E-03	7.90E-01	0.00E+00	6.70E-09	3.47E-09	2.70E-04	1.35E-07	6.91E-02	0.00E+00	7.90E-01	2.47E-07	7.90E-01	8.73E-01	6.91E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
863512503	8.67E-04	9.30E-02	3.30E-03	8.37E-02	0.00E+00	0.00E+00	4.16E-01	8.03E-07	4.75E-04	9.15E-04	0.00E+00	-2.71E-04	7.88E-11	5.00E-09	3.28E-03	1.59E-01	1.59E-08	0.00E+00	3.77E-01	4.03E-03	7.90E-01	0.00E+00	6.70E-09	3.47E-09	2.70E-04	1.35E-07	6.91E-02	0.00E+00	7.90E-01	2.47E-07	7.90E-01	8.73E-01	6.91E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
863512504	6.71E-04	4.50E-02	2.68E-03	4.22E-02	0.00E+00	0.00E+00	2.73E-01	5.72E-07	3.89E-04	4.51E-04	0.00E+00	-2.28E-04	4.33E-11	4.08E-09	1.93E-03	9.90E-02	1.59E-08	0.00E+00	2.22E-01	2.30E-03	4.85E-01	0.00E+00	3.78E-09	2.34E-09	1.35E-04	6.04E-08	4.37E-02	0.00E+00	4.85E-01	1.36E-07	4.85E-01	5.36E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	8.12E+00
9418505	4.36E-04	3.70E-02	6.46E-03	3.05E-02	0.00E+00	0.00E+00	2.27E-01	5.32E-07	2.54E-04	3.35E-04	0.00E+00	-6.50E-04	3.90E-11	2.75E-09	1.66E-03	9.16E-02	0.00E+00	0.00E+00	2.24E-01	8.58E-03	4.49E-01	0.00E+00	3.51E-09	1.88E-09	1.12E-04	2.11E-07	3.89E-02	0.00E+00	4.49E-01	7.06E-08	4.49E-01	4.88E-01	3.89E-02	0.00E+00	0.00E+00	0.00E+00	8.28E+00
9418525	4.46E-04	3.80E-02	6.41E-03	3.25E-02	0.00E+00	0.00E+00	2.34E-01	5.38E-07	2.57E-04	3.72E-04	0.00E+00	-5.97E-04	4.04E-11	2.83E-09	1.72E-03	9.68E-02	0.00E+00	0.00E+00	2.28E-01	8.58E-03	4.75E-01	0.00E+00	4.00E-09	2.22E-09	1.21E-04	2.11E-07	4.03E-02	0.00E+00	4.75E-01	7.69E-08	4.75E-01	5.20E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	8.35E+00
941852501	4.35E-04	3.76E-02	6.42E-03	3.16E-02	0.00E+00	0.00E+00	2.33E-01	5.33E-07	2.55E-04	3.39E-04	0.00E+00	-5.97E-04	3.98E-11	2.81E-09	1.66E-03	9.15E-02	0.00E+00	0.00E+00	2.26E-01	8.58E-03	4.54E-01	0.00E+00	3.57E-09	1.89E-09	1.16E-04	2.11E-07	3.95E-02	0.00E+00	4.54E-01	7.21E-08	4.54E-01	4.90E-01	3.95E-02	0.00E+00	0.00E+00	0.00E+00	8.25E+00
941852502	4.36E-04	3.70E-02	6.46E-03	3.05E-02	0.00E+00	0.00E+00	2.27E-01	5.32E-07	2.54E-04	3.35E-04	0.00E+00	-6.50E-04	3.90E-11	2.75E-09	1.66E-03	9.16E-02	0.00E+00	0.00E+00	2.24E-01	8.58E-03	4.49E-01	0.00E+00	3.51E-09	1.88E-09	1.12E-04	2.11E-07	3.89E-02	0.00E+00	4.49E-01	7.06E-08	4.49E-01	4.88E-01	3.89E-02	0.00E+00	0.00E+00	0.00E+00	8.28E+00
941852505	4.36E-04	3.70E-02	6.46E-03	3.05E-02	0.00E+00	0.00E+00	2.27E-01	5.32E-07	2.54E-04	3.35E-04	0.00E+00	-6.50E-04	3.90E-11	2.75E-09	1.66E-03	9.16E-02	0.00E+00	0.00E+00	2.24E-01	8.58E-03	4.49E-01	0.00E+00	3.51E-09	1.88E-09	1.12E-04	2.11E-07	3.89E-02	0.00E+00	4.49E-01	7.06E-08	4.49E-01	4.88E-01	3.89E-02	0.00E+00	0.00E+00	0.00E+00	8.28E+00
941852506	4.35E-04	3.76E-02	6.42E-03	3.15E-02	0.00E+00	0.00E+00	2.41E-01	5.33E-07	2.57E-04	3.55E-04	0.00E+00	-5.97E-04	3.98E-11	2.82E-09	1.67E-03	9.17E-02	0.00E+00	0.00E+00	2.26E-01	8.59E-03	4.54E-01	0.00E+00	3.90E-09	2.01E-09	1.18E-04	2.11E-07	3.96E-02	0.00E+00	4.54E-01	7.42E-08	4.54E-01	4.99E-01	3.96E-02	0.00E+00	0.00E+00	0.00E+00	8.21E+00
9419505	4.46E-04	3.94E-02	6.52E-03	3.29E-02	0.00E+00	0.00E+00	2.37E-01	5.58E-07	2.56E-04	3.58E-04	0.00E+00	-6.52E-04	4.07E-11	2.78E-09	1.76E-03	9.52E-02	0.00E+00	0.00E+00	2.34E-01	8.60E-03	4.76E-01	0.00E+00	3.73E-09	1.98E-09	1.19E-04	2.11E-07	4.07E-02	0.00E+00	4.76E-01	8.11E-08	4.76E-01	5.17E-01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	8.62E+00
941952501	4.46E-04	4.22E-02	6.46E-03	3.61E-02	0.00E+00	0.00E+00	2.46E-01	5.36E-07	2.62E-04	3.79E-04	0.00E+00	-6.15E-04	4.06E-11	2.88E-09	1.65E-03	9.31E-02	0.00E+00	0.00E+00	2.22E-01	8.60E-03	4.47E-01	0.00E+00	3.41E-09	1.94E-09	1.21E-04	2.11E-07	3.80E-02	0.00E+00	4.47E-01	7.35E-08	4.47E-01	4.74E-01	3.80E-02	0.00E+00	0.00E+00	0.00E+00	7.98E+00
941952502	4.46E-04	3.94E-02	6.52E-03	3.29E-02	0.00E+00	0.00E+00	2.37E-01	5.58E-07	2.56E-04	3.58E-04	0.00E+00	-6.52E-04	4.07E-11	2.78E-09	1.76E-03	9.52E-02	0.00E+00	0.00E+00	2.34E-01	8.60E-03	4.76E-01	0.00E+00	3.73E-09	1.98E-09	1.19E-04	2.11E-07	4.07E-02	0.00E+00	4.76E-01	8.11E-08	4.76E-01	5.17E-01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	8.62E+00
941952505	4.46E-04	3.94E-02	6.52E-03	3.29E-02	0.00E+00	0.00E+00	2.37E-01	5.58E-07	2.56E-04	3.58E-04	0.00E+00	-6.52E-04	4.07E-11	2.78E-09	1.76E-03	9.52E-02	0.00E+00	0.00E+00	2.34E-01	8.60E-03	4.76E-01	0.00E+00	3.73E-09	1.98E-09	1.19E-04	2.11E-07	4.07E-02	0.00E+00	4.76E-01	8.11E-08	4.76E-01	5.17E-01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	8.62E+00
941952506	4.18E-04	5.39E-02	6.43E-03	4.75E-02	0.00E+00	0.00E+00	2.08E-01	3.58E-07	2.61E-04	4.26E-04	0.00E+00	-6.52E-04	3.93E-11	2.72E-09	1.31E-03	8.03E-02	0.00E+00	0.00E+00	1.82E-01	8.60E-03	3.10E-01	0.00E+00	2.62E-09	1.46E-09	1.20E-04	2.11E-07	3.27E-02	0.00E+00	3.10E-01	-3.22E-08	3.10E-01	3.43E-01	3.27E-02	0.00E+00	0.00E+00	0.00E+00	6.66E+00
9419605	4.35E-04	3.79E-02	6.45E-03	3.23E-02	0.00E+00	0.00E+00	2.09E-01	5.17E-07	2.48E-04	3.64E-04	0.00E+00	-5.97E-04	3.75E-11	2.74E-09	1.65E-03	9.40E-02	0.00E+00	0.00E+00	2.20E-01	9.14E-03	4.54E-01	0.00E+00	3.88E-09	2.10E-09	1.19E-04	2.14E-07	3.86E-02	0.00E+00	4.54E-01	7.56E-08	4.54E-01	4.84E-01	3.86E-02	0.00E+00	0.00E+00	0.00E+00	7.81E+00
9419609	6.38E-04	8.70E-02	6.52E-03	6.25E-02	0.00E+00	0.00E+00	4.36E-01	7.79E-07	2.97E-04	7.34E-04	0.00E+00	-6.34E-04	7.60E-11	3.63E-09	3.32E-03	1.47E-01	0.00E+00	0.00E+00	3.53E-01	9.36E-03	7.46E-01	0.00E+00	6.48E-09	3.50E-09	2.10E-04	3.04E-07	6.55E-02	0.00E+00	7.46E-01	1.92E-07	7.46E-01	8.15E-01	6.55E-02	0.00E+00	0.00E+00	0.00E+00	1.32E+01
9419705	7.49E-04	5.02E-02	6.76E-03	5.95E-02	0.00E+00	0.00E+00	3.02E-01	8.16E-07	3.23E-04	7.90E-04	0.00E+00	-5.88E-04	6.00E-11	3.15E-09	2.97E-03	1.51E-01	0.00E+00	0.00E+00	3.21E-01	8.19E-03	8.55E-01	0.00E+00	6.93E-09	3.90E-09	2.49E-04	2.15E-07	5.63E-02	0.00E+00	8.55E-01	2.20E-07	8.55E-01	9.11E-01	5.63E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
9419709	7.93E-04	7.32E-02	6.66E-03	7.18E-02	0.00E+00	0.00E+00	3.34E-01	8.52E-07	3.37E-04	8.07E-04	0.00E+00	-5.90E-04	6.69E-11	3.39E-09	3.14E-03	1.56E-01	0.00E+00	0.00E+00	3.44E-01	8.37E-03	8.69E-01	0.00E+00	7.17E-09	3.99E-09	2.48E-04	2.14E-07	6.02E-02	0.00E+00	8.69E-01	2.68E-07	8.69E-01	9.32E-01	6.02E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
9419728	7.53E-04	4.82E-02	1.12E-02	5.94E-02	0.00E+00	0.00E+00	3.10E-01	7.82E-07	3.31E-04	7.94E-04	0.00E+00	-5.90E-04	6.01E-11	3.10E-09	2.91E-03	1.56E-01	7.37E-07	0.00E+00	3.19E-01	1.95E-02	7.58E-01	0.00E+00	6.41E-09	3.68E-09	2.51E-04	5.12E-07	5.66E-02	0.00E+00	7.58E-01	1.84E-07	7.58E-01	8.26E-01	5.66E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
9419805	7.45E-04	6.35E-02	6.90E-03	5.90E-02	0.00E+00	0.00E+00	3.08E-01	7.55E-07	3.16E-04	7.85E-04	0.00E+00	-6.39E-04	6.18E-11	3.28E-09	2.83E-03	1.52E-01	0.00E+00	0.00E+00	3.38E-01	8.77E-03	7.82E-01	0.00E+00	6.41E-09	3.65E-09	2.42E-04	2.12E-07	5.87E-02	0.00E+00	7.82E-01	2.46E-07	7.82E-01	8.43E-01	5.87E-02	0.00E+00	0.00E+00	0.00E+00	1.19E+01
9419909	7.46E-04	5.04E-02	9.21E-03	6.49E-02	0.00E+00	0.00E+00	3.07E-01	7.79E-07	3.24E-04	8.03E-04	0.00E+00	-1.01E-03	6.02E-11	3.36E-09	2.85E-03	1.56E-01	0.00E+00	0.00E+00	3.32E-01	2.25E-02	7.97E-01	0.00E+00	6.38E-09	3.78E-09	2.47E-04	4.96E-07	5.76E-02	0.00E+00	7.97E-01	2.41E-07	7.97E-01	8.55E-01	5.76E-02	0.00E+00	0.00E+00	0.00E+00	1.16E+01
9429603	5.85E-04	6.43E-02	6.72E-03	5.81E-02	0.00E+00	0.00E+00	3.09E-01	7.71E-07	2.97E-04	7.59E-04	0.00E+00	-6.18E-04	6.15E-11	3.39E-09	2.57E-03	1.60E-01	0.00E+00	0.00E+00	3.35E-01	9.55E-03	7.25E-01	0.00E+00	6.02E-09	3.34E-09	2.18E-04	2.37E-07	5.79E-02	0.00E+00	7.25E-01	2.35E-07	7.25E-01	7.90E-01	5.79E-02	0.00E+00	0.00E+00	0.00E+00	1.20E+01
9429605	1.21E-03	2.00E-01	1.69E-02	1.67E-01	0.00E+00	0.00E+00	7.43E-01	1.55E-06	5.53E-04	1.60E-03	0.00E+00	-9.13E-04	1.22E-10	6.16E-09	6.00E-03	2.74E-01	5.36E-06	0.00E+00	6.85E-01	1.47E-02	1.50E+00	0.00E+00	1.27E-08	6.55E-09	4.72E-04	5.55E-07	1.22E-01	0.00E+00	1.50E+00	3.40E-07	1.50E+00	1.65E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.26E+01
9429606	1.21E-03	2.00E-01	1.60E-02	1.65E-01	0.00E+00	0.00E+00	7.39E-01	1.50E-06	5.57E-04	1.57E-03	0.00E+00	-9.10E-04	1.22E-10	6.06E-09	6.21E-03	2.70E-01	5.36E-06	0.00E+00	6.69E-01	1.51E-02	1.48E+00	0.00E+00	1.26E-08	6.39E-09	4.63E-04	5.26E-07	1.16E-01	0.00E+00	1.48E+00	2.68E-07	1.48E+00	1.62E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.20E+01
9429619	5.94E-04	5.56E-02	6.72E-03	5.31E-02	0.00E+00	0.00E+00	3.06E-01	7.63E-07	3.01E-04	7.58E-04	0.00E+00	-6.18E-04	5.99E-11	3.44E-09	2.49E-03	1.60E-01	0.00E+00	0.00E+00	3.29E-01	9.58E-03	7.17E-01	0.00E+00	5.94E-09	3.34E-09	2.20E-04	2.37E-07	5.73E-02	0.00E+00	7.17E-01	2.34E-07	7.17E-01	7.81E-01	5.73E-02	0.00E+00	0.00E+00	0.00E+00	1.19E+01
9451705	3.88E-04	3.53E-02	3.33E-03	3.30E-02	0.00E+00	0.00E+00	1.92E-01	4.52E-07	2.32E-04	3.55E-04	0.00E+00	-1.89E-04	3.75E-11	2.86E-09	1.35E-03	7.85E-02	0.00E+00	0.00E+00	1.84E-01	2.39E-03	4.06E-01	0.00E+00	3.38E-09	1.56E-09	1.13E-04	4.65E-08	3.17E-02	0.00E+00	4.06E-01	3.80E-08	4.06E-01	4.42E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.25E+00
945172501	3.62E-04	2.97E-02	3.19E-03	2.80E-02	0.00E+00	0.00E+00	1.84E-01	4.64E-07	2.28E-04	2.81E-04	0.00E+00	-2.33E-04	3.77E-11	2.73E-09	1.28E-03	7.93E-02	0.00E+00	0.00E+00	1.68E-01	8.80E-03	3.84E-01	0.00E+00	3.18E-09	1.51E-09	9.84E-05	1.31E-07	3.04E-02	0.00E+00	3.84E-01	2.85E-08	3.84E-01	4.26E-01	3.04E-02	0.00E+00	0.00E+00	0.00E+00	6.17E+00
945172505	3.79E-04	3.16E-02	3.26E-03	2.96E-02	0.00E+00	0.00E+00	1.90E-01	4.75E-07	2.31E-04	2.91E-04	0.00E+00	-2.25E-04	3.78E-11	2.75E-09	1.30E-03	7.98E-02	0.00E+00	0.00E+00	1.72E-01	5.33E-03	3.91E-01	0.00E+00	3.29E-09	1.56E-09	1.02E-04	8.81E-08	3.08E-02	0.00E+00	3.91E-01	4.01E-08	3.91E-01	4.36E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	6.18E+00
945172507	3.66E-04	3.01E-02	3.53E-03	2.66E-02	0.00E+00	0.00E+00	1.74E-01	4.56E-07	2.28E-04	2.78E-04	0.00E+00	-2.33E-04	3.76E-11	2.70E-09	1.26E-03	7.93E-02	0.00E+00	0.00E+00	1.64E-01	8.90E-03	3.81E-01	0.00E+00	3.06E-09	1.48E-09	9.37E-05	1.78E-07	2.99E-02	0.00E+00	3.81E-01	1.42E-08	3.81E-01	4.19E-01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	5.92E+00
945172509	2.60E-04	2.16E-02	6.55E-03	1.50E-02	0.00E+00	0.00E+00	1.54E-01	2.78E-07	1.68E-04	1.58E-04	0.00E+00	-7.17E-04	2.82E-11	2.05E-09	8.77E-04	5.14E-02	0.00E+00	0.00E+00	1.28E-01	9.46E-03	1.94E-01	0.00E+00	1.61E-09	8.49E-10	5.28E-05	2.31E-07	2.18E-02	0.00E+00	1.94E-01	-5.89E-08	1.94E-01	2.16E-01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	4.70E+00
945702505	5.47E-04	4.59E-02	4.25E-03	3.23E-02	0.00E+00	0.00E+00	2.56E-01	6.08E-07	1.63E-04	3.96E-04	0.00E+00	-2.21E-04	4.47E-11	1.84E-09	2.47E-03	8.17E-02	0.00E+00	0.00E+00	2.86E-01	6.11E-03	5.30E-01	0.00E+00	4.78E-09	2.19E-09	1.48E-04	1.03E-07	4.43E-02	0.00E+00	5.30E-01	1.25E-07	5.30E-01	5.80E-01	4.43E-02	0.00E+00	0.00E+00	0.00E+00	1.05E+01
945702515	5.84E-04	4.37E-02	3.34E-03	3.73E-02	0.00E+00	0.00E+00	2.54E-01	7.00E-07	2.56E-04	3.88E-04	0.00E+00	-2.25E-04	4.26E-11	2.95E-09	2.29E-03	1.12E-01	0.00E+00	0.00E+00	2.43E-01	4.03E-03	5.74E-01	0.00E+00	4.82E-09	2.53E-09	1.27E-04	7.85E-08	4.37E-02	0.00E+00	5.74E-01	1.37E-07	5.74E-01	6.50E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	8.87E+00
945712501	3.32E-04	3.73E-02	4.23E-03	2.51E-02	0.00E+00	0.00E+00	2.23E-01	3.70E-07	1.53E-04	2.69E-04	0.00E+00	-2.25E-04	4.00E-11	1.79E-09	1.25E-03	5.28E-02	0.00E+00	0.00E+00	1.68E-01	1.02E-02	3.26E-01	0.00E+00	2.56E-09	1.21E-09	8.12E-05	1.40E-07	2.80E-02	0.00E+00	3.26E-01	-1.17E-08	3.26E-01	3.49E-01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	5.81E+00
945712505	4.71E-04	3.95E-02	3.34E-03	3.22E-02	0.00E+00	0.00E+00	2.33E-01	5.28E-07	2.49E-04	3.21E-04	0.00E+00	-2.25E-04	4.07E-11	2.90E-09	1.36E-03	8.86E-02	0.00E+00	0.00E+00	1.79E-01	3.95E-03	4.17E-01	0.00E+00	3.21E-09	1.83E-09	1.01E-04	7.75E-08	3.41E-02	0.00E+00	4.17E-01	7.19E-08	4.17E-01	4.70E-01	3.41E-02	0.00E+00	0.00E+00	0.00E+00	6.74E+00
945712507	3.32E-04	3.73E-02	4.23E-03	2.51E-02	0.00E+00	0.00E+00	2.23E-01	3.70E-07	1.53E-04	2.69E-04	0.00E+00	-2.25E-04	4.00E-11	1.79E-09	1.25E-03	5.28E-02	0.00E+00	0.00E+00	1.68E-01	1.02E-02	3.26E-01	0.00E+00	2.56E-09	1.21E-09	8.12E-05	1.40E-07	2.80E-02	0.00E+00	3.26E-01	-1.17E-08	3.26E-01	3.49E-01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	5.81E+00
945712509	3.32E-04	3.73E-02	4.23E-03	2.51E-02	0.00E+00	0.00E+00	2.23E-01	3.70E-07	1.53E-04	2.69E-04	0.00E+00	-2.25E-04	4.00E-11	1.77E-09	1.25E-03	5.28E-02	0.00E+00	0.00E+00	1.68E-01	1.02E-02	3.26E-01	0.00E+00	2.56E-09	1.21E-09	8.12E-05	1.40E-07	2.80E-02	0.00E+00	3.26E-01	-1.21E-08	3.26E-01	3.49E-01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	5.81E+00
947132502	5.59E-04	3.88E-02	3.16E-03	3.71E-02	0.00E+00	0.00E+00	2.23E-01	5.58E-07	2.88E-04	3.94E-04	0.00E+00	-2.28E-04	2.63E-10	3.49E-09	2.06E-03	1.00E-01	2.25E-09	0.00E+00	2.02E-01	1.32E-03	5.81E-01	0.00E+00	4.72E-09	2.43E-09	1.38E-04	1.02E-07	4.22E-02	0.00E+00	5.81E-01	1.05E-07	5.81E-01	6.01E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	8.83E+00
947132503	5.58E-04	3.84E-02	3.16E-03	3.66E-02	0.00E+00	0.00E+00	2.07E-01	5.46E-07	3.01E-04	3.72E-04	0.00E+00	-2.28E-04	2.62E-10	3.56E-09	1.90E-03	1.01E-01	2.25E-09	0.00E+00	1.98E-01	1.27E-03	5.48E-01	0.00E+00	4.40E-09	2.37E-09	1.20E-04	1.02E-07	4.01E-02	0.00E+00	5.48E-01	1.16E-07	5.48E-01	5.72E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	8.58E+00
947132504	5.59E-04	3.88E-02	3.16E-03	3.71E-02	0.00E+00	0.00E+00	2.23E-01	5.58E-07	2.88E-04	3.94E-04	0.00E+00	-2.28E-04	2.63E-10	3.49E-09	2.06E-03	1.00E-01	2.25E-09	0.00E+00	2.02E-01	1.32E-03	5.81E-01	0.00E+00	4.72E-09	2.43E-09	1.38E-04	1.02E-07	4.22E-02	0.00E+00	5.81E-01	1.05E-07	5.81E-01	6.01E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	8.83E+00
947132505	5.54E-04	3.89E-02	2.65E-03	3.86E-02	0.00E+00	0.00E+00	2.24E-01	5.64E-07	2.97E-04	4.13E-04	0.00E+00	-2.28E-04	2.65E-10	3.54E-09	2.08E-03	9.97E-02	2.25E-09	0.00E+00	2.07E-01	9.85E-04	5.81E-01	0.00E+00	4.77E-09	2.44E-09	1.37E-04	9.99E-08	4.22E-02	0.00E+00	5.81E-01	1.07E-07	5.81E-01	6.10E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	8.73E+00
947132506	5.58E-04	3.88E-02	3.16E-03	3.71E-02	0.00E+00	0.00E+00	2.23E-01	5.58E-07	2.88E-04	3.92E-04	0.00E+00	-2.28E-04	2.63E-10	3.49E-09	2.06E-03	1.00E-01	2.25E-09	0.00E+00	2.02E-01	1.32E-03	5.81E-01	0.00E+00	4.72E-09	2.43E-09	1.38E-04	1.02E-07	4.22E-02	0.00E+00	5.81E-01	1.05E-07	5.81E-01	6.01E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	8.83E+00
947132576	5.53E-04	4.14E-02	3.18E-03	3.87E-02	0.00E+00	0.00E+00	2.24E-01	5.51E-07	2.71E-04	4.11E-04	0.00E+00	-2.28E-04	2.63E-10	3.44E-09	2.06E-03	9.94E-02	2.25E-09	0.00E+00	2.02E-01	1.24E-03	5.83E-01	0.00E+00	4.74E-09	2.43E-09	1.39E-04	1.02E-07	4.21E-02	0.00E+00	5.83E-01	1.08E-07	5.83E-01	6.04E-01	4.21E-02	0.00E+00	0.00E+00	0.00E+00	8.88E+00
947782501	5.13E-04	4.28E-02	3.54E-03	4.14E-02	0.00E+00	0.00E+00	2.27E-01	5.77E-07	3.16E-04	4.46E-04	0.00E+00	-1.87E-04	3.79E-11	3.60E-09	1.50E-03	9.09E-02	7.48E-07	0.00E+00	2.02E-01	4.18E-03	5.44E-01	0.00E+00	4.35E-09	2.09E-09	1.41E-04	7.95E-08	3.77E-02	0.00E+00	5.44E-01	7.91E-08	5.44E-01	5.59E-01	3.77E-02	0.00E+00	0.00E+00	0.00E+00	6.97E+00
947782502	5.66E-04	4.72E-02	2.52E-03	4.26E-02	0.00E+00	0.00E+00	2.36E-01	5.63E-07	3.13E-04	4.42E-04	0.00E+00	-1.85E-04	3.95E-11	3.47E-09	1.71E-03	1.01E-01	2.25E-09	0.00E+00	2.18E-01	4.24E-04	5.49E-01	0.00E+00	4.30E-09	2.39E-09	1.35E-04	1.34E-08	4.26E-02	0.00E+00	5.49E-01	1.27E-07	5.49E-01	5.69E-01	4.26E-02	0.00E+00	0.00E+00	0.00E+00	8.10E+00
947782503	5.72E-04	4.69E-02	2.91E-03	4.15E-02	0.00E+00	0.00E+00	2.33E-01	5.60E-07	3.07E-04	4.25E-04	0.00E+00	-1.85E-04	3.78E-11	3.45E-09	1.72E-03	1.01E-01	2.25E-09	0.00E+00	2.17E-01	7.48E-04	5.49E-01	0.00E+00	4.31E-09	2.39E-09	1.35E-04	2.02E-08	4.27E-02	0.00E+00	5.49E-01	1.26E-07	5.49E-01	5.70E-01	4.27E-02	0.00E+00	0.00E+00	0.00E+00	8.16E+00
947782505	5.64E-04	4.71E-02	2.52E-03	4.26E-02	0.00E+00	0.00E+00	2.36E-01	5.63E-07	3.14E-04	4.43E-04	0.00E+00	-1.85E-04	3.95E-11	3.47E-09	1.71E-03	1.01E-01	2.25E-09	0.00E+00	2.18E-01	4.24E-04	5.53E-01	0.00E+00	4.29E-09	2.39E-09	1.35E-04	1.25E-08	4.26E-02	0.00E+00	5.53E-01	1.27E-07	5.53E-01	5.70E-01	4.26E-02	0.00E+00	0.00E+00	0.00E+00	8.10E+00
947782506	5.65E-04	4.69E-02	2.91E-03	4.00E-02	0.00E+00	0.00E+00	2.33E-01	5.60E-07	3.02E-04	4.24E-04	0.00E+00	-1.85E-04	3.78E-11	3.44E-09	1.72E-03	9.90E-02	2.25E-09	0.00E+00	2.17E-01	6.41E-04	5.49E-01	0.00E+00	4.31E-09	2.40E-09	1.35E-04	2.15E-08	4.27E-02	0.00E+00	5.49E-01	1.25E-07	5.49E-01	5.70E-01	4.27E-02	0.00E+00	0.00E+00	0.00E+00	8.17E+00
947782512	4.87E-04	4.80E-02	3.03E-03	4.38E-02	0.00E+00	0.00E+00	2.17E-01	5.18E-07	2.50E-04	4.32E-04	0.00E+00	-2.38E-04	2.63E-10	2.41E-09	1.98E-03	9.87E-02	2.25E-09	0.00E+00	1.99E-01	8.75E-04	5.62E-01	0.00E+00	4.40E-09	2.39E-09	1.34E-04	4.68E-08	4.18E-02	0.00E+00	5.62E-01	1.23E-07	5.62E-01	5.83E-01	4.18E-02	0.00E+00	0.00E+00	0.00E+00	8.04E+00
947792501	5.73E-04	4.63E-02	3.01E-03	4.15E-02	0.00E+00	0.00E+00	2.39E-01	5.61E-07	2.99E-04	4.61E-04	0.00E+00	-2.06E-04	3.83E-11	3.44E-09	1.78E-03	9.99E-02	2.25E-09	0.00E+00	2.17E-01	8.82E-04	5.58E-01	0.00E+00	4.30E-09	2.45E-09	1.41E-04	5.58E-08	4.28E-02	0.00E+00	5.58E-01	1.25E-07	5.58E-01	5.80E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	8.26E+00
947792502	5.74E-04	4.63E-02	2.62E-03	4.37E-02	0.00E+00	0.00E+00	2.40E-01	5.63E-07	3.12E-04	4.76E-04	0.00E+00	-2.06E-04	4.00E-11	3.46E-09	1.77E-03	1.01E-01	2.25E-09	0.00E+00	2.17E-01	6.77E-04	5.57E-01	0.00E+00	4.30E-09	2.43E-09	1.42E-04	5.09E-08	4.26E-02	0.00E+00	5.57E-01	1.26E-07	5.57E-01	5.77E-01	4.26E-02	0.00E+00	0.00E+00	0.00E+00	8.15E+00
947792503	5.73E-04	4.75E-02	2.62E-03	4.35E-02	0.00E+00	0.00E+00	2.35E-01	5.61E-07	3.10E-04	4.76E-04	0.00E+00	-2.06E-04	3.97E-11	3.47E-09	1.78E-03	1.01E-01	2.25E-09	0.00E+00	2.17E-01	7.34E-04	5.50E-01	0.00E+00	4.31E-09	2.43E-09	1.42E-04	5.08E-08	4.24E-02	0.00E+00	5.50E-01	1.25E-07	5.50E-01	5.68E-01	4.24E-02	0.00E+00	0.00E+00	0.00E+00	8.05E+00
947792505	5.72E-04	4.74E-02	2.62E-03	4.37E-02	0.00E+00	0.00E+00	2.31E-01	5.61E-07	3.12E-04	4.76E-04	0.00E+00	-2.06E-04	3.97E-11	3.45E-09	1.75E-03	1.01E-01	2.25E-09	0.00E+00	2.15E-01	7.34E-04	5.55E-01	0.00E+00	4.30E-09	2.43E-09	1.42E-04	5.09E-08	4.24E-02	0.00E+00	5.55E-01	1.25E-07	5.55E-01	5.70E-01	4.24E-02	0.00E+00	0.00E+00	0.00E+00	8.05E+00
947792506	5.72E-04	4.74E-02	2.62E-03	4.37E-02	0.00E+00	0.00E+00	2.32E-01	5.61E-07	3.12E-04	4.76E-04	0.00E+00	-2.06E-04	3.97E-11	3.45E-09	1.75E-03	1.01E-01	2.25E-09	0.00E+00	2.15E-01	7.34E-04	5.55E-01	0.00E+00	4.30E-09	2.43E-09	1.42E-04	5.09E-08	4.24E-02	0.00E+00	5.55E-01	1.26E-07	5.55E-01	5.70E-01	4.24E-02	0.00E+00	0.00E+00	0.00E+00	8.05E+00
961842501	4.63E-04	3.91E-02	6.44E-03	3.52E-02	0.00E+00	0.00E+00	2.35E-01	5.40E-07	2.71E-04	3.74E-04	0.00E+00	-5.96E-04	3.81E-11	2.82E-09	1.84E-03	9.56E-02	0.00E+00	0.00E+00	2.28E-01	7.94E-03	4.73E-01	0.00E+00	3.72E-09	1.97E-09	1.20E-04	2.06E-07	4.07E-02	0.00E+00	4.73E-01	8.34E-08	4.73E-01	5.19E-01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	7.98E+00
9618505	4.48E-04	4.09E-02	6.45E-03	3.63E-02	0.00E+00	0.00E+00	2.64E-01	5.55E-07	2.61E-04	3.82E-04	0.00E+00	-5.99E-04	4.06E-11	2.80E-09	2.13E-03	9.35E-02	0.00E+00	0.00E+00	2.18E-01	7.77E-03	4.70E-01	0.00E+00	3.67E-09	2.04E-09	1.21E-04	2.07E-07	4.03E-02	0.00E+00	4.70E-01	7.97E-08	4.70E-01	5.16E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	7.83E+00
961852501	4.50E-04	4.30E-02	6.45E-03	3.83E-02	0.00E+00	0.00E+00	2.62E-01	5.67E-07	2.62E-04	3.82E-04	0.00E+00	-5.99E-04	4.07E-11	2.81E-09	2.14E-03	9.45E-02	0.00E+00	0.00E+00	2.13E-01	7.77E-03	4.61E-01	0.00E+00	3.65E-09	2.04E-09	1.21E-04	2.07E-07	3.99E-02	0.00E+00	4.61E-01	8.36E-08	4.61E-01	5.03E-01	3.99E-02	0.00E+00	0.00E+00	0.00E+00	7.63E+00
961852502	4.92E-04	4.44E-02	6.46E-03	3.94E-02	0.00E+00	0.00E+00	2.50E-01	6.56E-07	2.61E-04	4.19E-04	0.00E+00	-5.99E-04	4.18E-11	2.87E-09	2.32E-03	1.06E-01	0.00E+00	0.00E+00	2.44E-01	7.27E-03	5.57E-01	0.00E+00	4.47E-09	2.40E-09	1.46E-04	2.01E-07	4.46E-02	0.00E+00	5.57E-01	1.07E-07	5.57E-01	5.78E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.46E+00
961852505	4.49E-04	4.09E-02	6.45E-03	3.63E-02	0.00E+00	0.00E+00	2.53E-01	5.52E-07	2.59E-04	3.82E-04	0.00E+00	-5.99E-04	4.06E-11	2.78E-09	2.15E-03	9.40E-02	0.00E+00	0.00E+00	2.19E-01	7.77E-03	4.75E-01	0.00E+00	3.69E-09	2.03E-09	1.21E-04	2.07E-07	4.02E-02	0.00E+00	4.75E-01	7.62E-08	4.75E-01	5.20E-01	4.02E-02	0.00E+00	0.00E+00	0.00E+00	7.85E+00
961852506	5.26E-04	4.06E-02	6.38E-03	4.95E-02	0.00E+00	0.00E+00	2.48E-01	6.45E-07	3.09E-04	4.81E-04	0.00E+00	-6.05E-04	4.05E-11	2.78E-09	1.91E-03	9.88E-02	0.00E+00	0.00E+00	2.28E-01	8.67E-03	6.38E-01	0.00E+00	5.07E-09	2.77E-09	1.58E-04	2.16E-07	4.06E-02	0.00E+00	6.38E-01	9.07E-08	6.38E-01	6.72E-01	4.06E-02	0.00E+00	0.00E+00	0.00E+00	7.93E+00
9619405	4.51E-04	4.18E-02	6.48E-03	3.67E-02	0.00E+00	0.00E+00	2.20E-01	5.17E-07	2.67E-04	3.84E-04	0.00E+00	-6.15E-04	3.81E-11	2.71E-09	1.81E-03	9.29E-02	0.00E+00	0.00E+00	2.18E-01	7.79E-03	4.53E-01	0.00E+00	3.53E-09	1.97E-09	1.21E-04	2.06E-07	3.93E-02	0.00E+00	4.53E-01	7.38E-08	4.53E-01	4.86E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	7.88E+00
961942502	4.55E-04	4.16E-02	6.46E-03	3.66E-02	0.00E+00	0.00E+00	2.42E-01	5.65E-07	2.68E-04	3.84E-04	0.00E+00	-6.15E-04	3.96E-11	2.74E-09	1.89E-03	9.38E-02	0.00E+00	0.00E+00	2.21E-01	7.83E-03	4.80E-01	0.00E+00	3.70E-09	2.00E-09	1.21E-04	2.07E-07	4.00E-02	0.00E+00	4.80E-01	8.69E-08	4.80E-01	5.31E-01	4.00E-02	0.00E+00	0.00E+00	0.00E+00	7.99E+00
961942505	5.10E-04	5.04E-02	3.03E-03	5.48E-02	0.00E+00	0.00E+00	2.04E-01	5.11E-07	3.22E-04	5.21E-04	0.00E+00	-1.82E-04	3.78E-11	3.20E-09	1.53E-03	9.06E-02	0.00E+00	0.00E+00	1.96E-01	2.42E-03	5.93E-01	0.00E+00	4.98E-09	2.69E-09	1.56E-04	4.87E-08	3.61E-02	0.00E+00	5.93E-01	7.97E-08	5.93E-01	6.22E-01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	6.50E+00
961942506	4.49E-04	4.17E-02	6.48E-03	3.68E-02	0.00E+00	0.00E+00	2.40E-01	5.31E-07	2.67E-04	3.83E-04	0.00E+00	-6.15E-04	3.93E-11	2.75E-09	1.87E-03	9.36E-02	0.00E+00	0.00E+00	2.20E-01	7.79E-03	4.64E-01	0.00E+00	3.63E-09	1.99E-09	1.22E-04	2.06E-07	3.97E-02	0.00E+00	4.64E-01	7.68E-08	4.64E-01	5.03E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	7.87E+00
9619505	4.97E-04	4.49E-02	6.50E-03	3.94E-02	0.00E+00	0.00E+00	2.70E-01	6.31E-07	2.61E-04	4.33E-04	0.00E+00	-6.17E-04	4.23E-11	2.92E-09	2.34E-03	1.10E-01	0.00E+00	0.00E+00	2.52E-01	7.79E-03	5.63E-01	0.00E+00	4.50E-09	2.37E-09	1.49E-04	2.07E-07	4.49E-02	0.00E+00	5.63E-01	1.16E-07	5.63E-01	5.91E-01	4.49E-02	0.00E+00	0.00E+00	0.00E+00	9.25E+00
961952501	4.95E-04	4.49E-02	6.50E-03	3.94E-02	0.00E+00	0.00E+00	2.67E-01	6.31E-07	2.57E-04	4.33E-04	0.00E+00	-6.17E-04	4.23E-11	2.90E-09	2.34E-03	1.09E-01	0.00E+00	0.00E+00	2.53E-01	7.78E-03	5.62E-01	0.00E+00	4.50E-09	2.37E-09	1.49E-04	2.07E-07	4.47E-02	0.00E+00	5.62E-01	1.14E-07	5.62E-01	5.91E-01	4.47E-02	0.00E+00	0.00E+00	0.00E+00	9.26E+00
961952502	4.83E-04	4.49E-02	6.52E-03	3.90E-02	0.00E+00	0.00E+00	2.67E-01	6.36E-07	2.57E-04	4.22E-04	0.00E+00	-6.17E-04	4.17E-11	2.89E-09	2.33E-03	1.06E-01	0.00E+00	0.00E+00	2.44E-01	7.78E-03	5.50E-01	0.00E+00	4.45E-09	2.32E-09	1.48E-04	2.07E-07	4.51E-02	0.00E+00	5.50E-01	1.17E-07	5.50E-01	5.76E-01	4.51E-02	0.00E+00	0.00E+00	0.00E+00	9.34E+00
961952505	4.81E-04	4.49E-02	6.52E-03	3.90E-02	0.00E+00	0.00E+00	2.67E-01	6.36E-07	2.59E-04	4.21E-04	0.00E+00	-6.17E-04	4.17E-11	2.90E-09	2.33E-03	1.06E-01	0.00E+00	0.00E+00	2.45E-01	7.79E-03	5.50E-01	0.00E+00	4.45E-09	2.32E-09	1.48E-04	2.07E-07	4.51E-02	0.00E+00	5.50E-01	1.12E-07	5.50E-01	5.76E-01	4.51E-02	0.00E+00	0.00E+00	0.00E+00	9.33E+00
961952506	4.33E-04	4.11E-02	6.48E-03	3.46E-02	0.00E+00	0.00E+00	2.27E-01	5.12E-07	2.47E-04	3.69E-04	0.00E+00	-6.52E-04	3.97E-11	2.78E-09	1.73E-03	9.18E-02	0.00E+00	0.00E+00	2.21E-01	8.60E-03	4.58E-01	0.00E+00	3.69E-09	1.93E-09	1.19E-04	2.12E-07	3.88E-02	0.00E+00	4.58E-01	6.43E-08	4.58E-01	4.96E-01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	8.13E+00
9624905	6.77E-04	4.99E-02	2.27E-03	6.31E-02	0.00E+00	0.00E+00	2.78E-01	7.40E-07	3.14E-04	6.14E-04	0.00E+00	-1.82E-04	4.39E-11	3.14E-09	2.73E-03	1.38E-01	0.00E+00	0.00E+00	3.14E-01	9.02E-05	7.69E-01	0.00E+00	6.38E-09	3.41E-09	2.10E-04	1.25E-08	5.52E-02	0.00E+00	7.69E-01	2.08E-07	7.69E-01	8.27E-01	5.52E-02	0.00E+00	0.00E+00	0.00E+00	1.09E+01
962492501	6.73E-04	4.91E-02	2.27E-03	6.28E-02	0.00E+00	0.00E+00	2.78E-01	7.40E-07	3.13E-04	6.08E-04	0.00E+00	-1.82E-04	4.39E-11	3.14E-09	2.72E-03	1.38E-01	0.00E+00	0.00E+00	3.13E-01	9.02E-05	7.70E-01	0.00E+00	6.36E-09	3.41E-09	2.09E-04	1.16E-08	5.52E-02	0.00E+00	7.70E-01	2.08E-07	7.70E-01	8.26E-01	5.52E-02	0.00E+00	0.00E+00	0.00E+00	1.09E+01
962492502	3.52E-04	4.52E-02	9.71E-03	3.55E-02	0.00E+00	0.00E+00	2.11E-01	5.48E-07	1.76E-04	3.79E-04	0.00E+00	-1.07E-03	3.47E-11	1.92E-09	1.80E-03	8.41E-02	0.00E+00	0.00E+00	2.13E-01	1.41E-02	4.98E-01	0.00E+00	3.89E-09	1.98E-09	1.20E-04	3.46E-07	3.67E-02	0.00E+00	4.98E-01	6.61E-08	4.98E-01	5.34E-01	3.67E-02	0.00E+00	0.00E+00	0.00E+00	7.82E+00
962492505	6.77E-04	4.99E-02	2.27E-03	6.31E-02	0.00E+00	0.00E+00	2.78E-01	7.40E-07	3.14E-04	6.14E-04	0.00E+00	-1.82E-04	4.39E-11	3.14E-09	2.73E-03	1.38E-01	0.00E+00	0.00E+00	3.14E-01	9.02E-05	7.69E-01	0.00E+00	6.39E-09	3.41E-09	2.10E-04	1.25E-08	5.52E-02	0.00E+00	7.69E-01	2.08E-07	7.69E-01	8.27E-01	5.52E-02	0.00E+00	0.00E+00	0.00E+00	1.09E+01
962492506	6.89E-04	5.18E-02	2.29E-03	6.51E-02	0.00E+00	0.00E+00	2.78E-01	7.50E-07	3.14E-04	7.46E-04	0.00E+00	-1.82E-04	5.50E-11	3.12E-09	2.82E-03	1.46E-01	0.00E+00	0.00E+00	3.24E-01	9.03E-05	8.07E-01	0.00E+00	6.75E-09	3.61E-09	2.49E-04	1.25E-08	5.84E-02	0.00E+00	8.07E-01	2.05E-07	8.07E-01	8.73E-01	5.84E-02	0.00E+00	0.00E+00	0.00E+00	1.16E+01
962512502	4.49E-04	4.21E-02	2.88E-03	3.58E-02	0.00E+00	0.00E+00	1.99E-01	5.44E-07	2.61E-04	3.57E-04	0.00E+00	-2.18E-04	3.76E-11	3.11E-09	1.60E-03	9.66E-02	0.00E+00	0.00E+00	1.83E-01	4.70E-03	4.38E-01	0.00E+00	3.61E-09	2.13E-09	1.10E-04	7.01E-08	3.77E-02	0.00E+00	4.38E-01	1.08E-07	4.38E-01	4.93E-01	3.77E-02	0.00E+00	0.00E+00	0.00E+00	7.23E+00
962512503	4.44E-04	4.15E-02	2.70E-03	3.60E-02	0.00E+00	0.00E+00	2.06E-01	5.55E-07	2.59E-04	3.55E-04	0.00E+00	-2.18E-04	3.78E-11	3.11E-09	1.67E-03	9.65E-02	0.00E+00	0.00E+00	1.80E-01	4.64E-03	4.63E-01	0.00E+00	3.92E-09	2.09E-09	1.10E-04	6.61E-08	3.77E-02	0.00E+00	4.63E-01	1.05E-07	4.63E-01	5.25E-01	3.77E-02	0.00E+00	0.00E+00	0.00E+00	7.29E+00
962512505	4.45E-04	4.23E-02	2.89E-03	3.61E-02	0.00E+00	0.00E+00	1.91E-01	5.40E-07	2.59E-04	3.58E-04	0.00E+00	-2.18E-04	3.76E-11	3.11E-09	1.59E-03	9.64E-02	0.00E+00	0.00E+00	1.77E-01	4.70E-03	4.40E-01	0.00E+00	3.61E-09	2.09E-09	1.10E-04	7.18E-08	3.72E-02	0.00E+00	4.40E-01	1.04E-07	4.40E-01	4.94E-01	3.72E-02	0.00E+00	0.00E+00	0.00E+00	7.27E+00
962572502	5.31E-04	4.19E-02	3.52E-03	5.46E-02	0.00E+00	0.00E+00	2.43E-01	5.83E-07	2.90E-04	5.06E-04	0.00E+00	-2.34E-04	3.97E-11	2.86E-09	2.08E-03	1.01E-01	0.00E+00	0.00E+00	2.16E-01	9.31E-04	5.84E-01	0.00E+00	4.78E-09	2.62E-09	1.56E-04	5.83E-08	4.17E-02	0.00E+00	5.84E-01	8.57E-08	5.84E-01	6.32E-01	4.17E-02	0.00E+00	0.00E+00	0.00E+00	8.01E+00
962572503	5.32E-04	4.25E-02	3.52E-03	5.48E-02	0.00E+00	0.00E+00	2.49E-01	5.88E-07	2.88E-04	5.09E-04	0.00E+00	-2.34E-04	3.99E-11	2.85E-09	2.23E-03	1.02E-01	0.00E+00	0.00E+00	2.20E-01	9.13E-04	5.85E-01	0.00E+00	4.80E-09	2.65E-09	1.55E-04	6.12E-08	4.18E-02	0.00E+00	5.85E-01	1.02E-07	5.85E-01	6.37E-01	4.18E-02	0.00E+00	0.00E+00	0.00E+00	7.98E+00
962572505	5.30E-04	4.25E-02	3.52E-03	5.46E-02	0.00E+00	0.00E+00	2.47E-01	5.86E-07	2.94E-04	5.07E-04	0.00E+00	-2.34E-04	3.97E-11	2.86E-09	2.22E-03	1.02E-01	0.00E+00	0.00E+00	2.19E-01	9.31E-04	5.83E-01	0.00E+00	4.77E-09	2.65E-09	1.55E-04	5.84E-08	4.13E-02	0.00E+00	5.83E-01	9.27E-08	5.83E-01	6.37E-01	4.13E-02	0.00E+00	0.00E+00	0.00E+00	7.83E+00
962572506	5.28E-04	4.38E-02	3.52E-03	5.56E-02	0.00E+00	0.00E+00	2.47E-01	5.90E-07	2.96E-04	5.07E-04	0.00E+00	-2.34E-04	3.98E-11	2.87E-09	2.22E-03	1.02E-01	0.00E+00	0.00E+00	2.15E-01	9.31E-04	5.77E-01	0.00E+00	4.75E-09	2.65E-09	1.55E-04	5.84E-08	4.11E-02	0.00E+00	5.77E-01	9.27E-08	5.77E-01	6.31E-01	4.11E-02	0.00E+00	0.00E+00	0.00E+00	7.70E+00
962592501	8.10E-04	4.49E-02	3.78E-03	5.60E-02	0.00E+00	0.00E+00	2.64E-01	7.74E-07	3.69E-04	5.59E-04	0.00E+00	-2.05E-04	4.50E-11	3.41E-09	2.66E-03	1.42E-01	1.59E-08	0.00E+00	3.14E-01	1.88E-03	7.46E-01	0.00E+00	6.20E-09	3.46E-09	2.07E-04	5.90E-08	5.39E-02	0.00E+00	7.46E-01	2.01E-07	7.46E-01	7.97E-01	5.39E-02	0.00E+00	0.00E+00	0.00E+00	1.17E+01
962592502	8.07E-04	4.68E-02	3.91E-03	5.68E-02	0.00E+00	0.00E+00	2.67E-01	7.67E-07	3.59E-04	5.66E-04	0.00E+00	-2.05E-04	4.51E-11	3.46E-09	2.70E-03	1.42E-01	1.59E-08	0.00E+00	3.21E-01	1.73E-03	7.45E-01	0.00E+00	6.15E-09	3.45E-09	2.05E-04	5.52E-08	5.46E-02	0.00E+00	7.45E-01	2.04E-07	7.45E-01	7.96E-01	5.46E-02	0.00E+00	0.00E+00	0.00E+00	1.16E+01

962592503	8.08E-04	4.49E-02	3.78E-03	5.60E-02	0.00E+00	0.00E+00	2.64E-01	7.74E-07	3.69E-04	5.58E-04	0.00E+00	-2.05E-04	4.41E-11	3.41E-09	2.66E-03	1.40E-01	1.59E-08	0.00E+00	3.14E-01	1.88E-03	7.46E-01	0.00E+00	6.20E-09	3.46E-09	2.06E-04	5.90E-08	5.38E-02	0.00E+00	7.46E-01	2.01E-07	7.46E-01	7.97E-01	5.38E-02	0.00E+00	0.00E+00	0.00E+00	1.17E+01
962592505	7.65E-04	4.38E-02	3.91E-03	5.54E-02	0.00E+00	0.00E+00	2.66E-01	7.27E-07	3.58E-04	5.36E-04	0.00E+00	-2.05E-04	4.26E-11	3.46E-09	2.56E-03	1.33E-01	1.59E-08	0.00E+00	2.92E-01	1.73E-03	7.04E-01	0.00E+00	5.81E-09	3.24E-09	1.81E-04	5.92E-08	5.11E-02	0.00E+00	7.04E-01	1.58E-07	7.04E-01	7.49E-01	5.11E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
962592506	7.41E-04	4.37E-02	3.91E-03	5.52E-02	0.00E+00	0.00E+00	2.63E-01	7.04E-07	3.58E-04	5.29E-04	0.00E+00	-2.05E-04	4.25E-11	3.45E-09	2.46E-03	1.30E-01	1.59E-08	0.00E+00	2.77E-01	1.79E-03	6.82E-01	0.00E+00	5.63E-09	3.21E-09	1.77E-04	5.92E-08	4.89E-02	0.00E+00	6.82E-01	1.42E-07	6.82E-01	7.30E-01	4.89E-02	0.00E+00	0.00E+00	0.00E+00	9.99E+00
9626205	5.74E-04	7.14E-02	7.56E-03	6.28E-02	0.00E+00	0.00E+00	3.33E-01	9.29E-07	3.26E-04	7.41E-04	0.00E+00	-6.19E-04	6.98E-11	3.65E-09	2.76E-03	1.46E-01	0.00E+00	0.00E+00	3.34E-01	1.23E-02	7.44E-01	0.00E+00	5.92E-09	3.20E-09	2.14E-04	2.85E-07	5.95E-02	0.00E+00	7.44E-01	1.35E-06	7.44E-01	8.36E-01	5.95E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
962622501	7.31E-04	6.13E-02	7.56E-03	6.71E-02	0.00E+00	0.00E+00	3.11E-01	9.28E-07	3.68E-04	8.04E-04	0.00E+00	-6.17E-04	6.13E-11	3.65E-09	2.83E-03	1.64E-01	0.00E+00	0.00E+00	3.52E-01	1.22E-02	8.78E-01	0.00E+00	7.09E-09	3.88E-09	2.61E-04	2.65E-07	6.21E-02	0.00E+00	8.78E-01	1.36E-06	8.78E-01	9.88E-01	6.21E-02	0.00E+00	0.00E+00	0.00E+00	1.23E+01
962622502	7.11E-04	7.01E-02	7.54E-03	6.88E-02	0.00E+00	0.00E+00	3.16E-01	9.44E-07	3.52E-04	7.88E-04	0.00E+00	-6.17E-04	6.10E-11	3.68E-09	2.86E-03	1.56E-01	0.00E+00	0.00E+00	3.43E-01	1.21E-02	8.50E-01	0.00E+00	6.80E-09	3.68E-09	2.52E-04	2.63E-07	6.16E-02	0.00E+00	8.50E-01	1.37E-06	8.50E-01	9.29E-01	6.16E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
962622505	5.79E-04	7.15E-02	7.58E-03	5.78E-02	0.00E+00	0.00E+00	3.12E-01	8.93E-07	3.28E-04	7.53E-04	0.00E+00	-6.17E-04	6.05E-11	3.73E-09	2.59E-03	1.49E-01	0.00E+00	0.00E+00	3.29E-01	1.22E-02	7.29E-01	0.00E+00	5.73E-09	3.23E-09	2.19E-04	2.85E-07	5.87E-02	0.00E+00	7.29E-01	1.37E-06	7.29E-01	8.03E-01	5.87E-02	0.00E+00	0.00E+00	0.00E+00	1.20E+01
962622506	7.12E-04	6.98E-02	7.54E-03	6.87E-02	0.00E+00	0.00E+00	3.12E-01	9.39E-07	3.52E-04	7.88E-04	0.00E+00	-6.17E-04	6.04E-11	3.68E-09	2.84E-03	1.56E-01	0.00E+00	0.00E+00	3.42E-01	1.21E-02	8.50E-01	0.00E+00	6.78E-09	3.68E-09	2.52E-04	2.63E-07	6.12E-02	0.00E+00	8.50E-01	1.37E-06	8.50E-01	9.27E-01	6.12E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
9627205	4.50E-04	4.19E-02	6.44E-03	3.56E-02	0.00E+00	0.00E+00	2.48E-01	5.71E-07	2.62E-04	3.80E-04	0.00E+00	-6.15E-04	4.07E-11	2.82E-09	1.72E-03	9.44E-02	0.00E+00	0.00E+00	2.23E-01	8.60E-03	4.68E-01	0.00E+00	3.55E-09	1.95E-09	1.21E-04	2.10E-07	3.87E-02	0.00E+00	4.68E-01	8.13E-08	4.68E-01	5.07E-01	3.87E-02	0.00E+00	0.00E+00	0.00E+00	8.07E+00
962722502	4.09E-04	4.00E-02	6.92E-03	3.31E-02	2.69E-10	0.00E+00	3.07E-01	5.36E-07	2.14E-04	3.98E-04	0.00E+00	3.16E-03	3.81E-11	2.39E-09	2.90E-03	8.86E-02	0.00E+00	0.00E+00	2.18E-01	4.30E-04	5.37E-01	0.00E+00	3.93E-09	2.10E-09	1.25E-04	1.82E-07	4.39E-02	0.00E+00	5.37E-01	1.66E-07	5.37E-01	5.81E-01	4.39E-02	0.00E+00	0.00E+00	0.00E+00	8.01E+00
962722505	4.37E-04	4.18E-02	6.50E-03	3.54E-02	0.00E+00	0.00E+00	2.38E-01	5.29E-07	2.54E-04	3.82E-04	0.00E+00	-6.15E-04	4.01E-11	2.71E-09	1.90E-03	9.27E-02	0.00E+00	0.00E+00	2.20E-01	7.78E-03	4.70E-01	0.00E+00	3.65E-09	1.97E-09	1.22E-04	2.07E-07	3.99E-02	0.00E+00	4.70E-01	6.85E-08	4.70E-01	5.13E-01	3.99E-02	0.00E+00	0.00E+00	0.00E+00	7.93E+00
962722506	4.35E-04	4.15E-02	6.50E-03	3.54E-02	0.00E+00	0.00E+00	2.33E-01	5.33E-07	2.56E-04	3.82E-04	0.00E+00	-6.15E-04	3.83E-11	2.70E-09	1.88E-03	9.20E-02	0.00E+00	0.00E+00	2.20E-01	7.87E-03	4.68E-01	0.00E+00	3.68E-09	1.96E-09	1.21E-04	2.07E-07	3.99E-02	0.00E+00	4.68E-01	6.84E-08	4.68E-01	5.11E-01	3.99E-02	0.00E+00	0.00E+00	0.00E+00	7.81E+00
AS2457	9.35E-04	4.36E-02	2.24E-03	4.10E-02	0.00E+00	0.00E+00	2.57E-01	6.07E-07	3.85E-04	4.11E-04	0.00E+00	-1.83E-04	4.14E-11	4.03E-09	1.78E-03	1.18E-01	8.67E-10	0.00E+00	2.77E-01	5.73E-04	4.86E-01	0.00E+00	4.12E-09	2.47E-09	1.44E-04	1.57E-08	5.09E-02	0.00E+00	4.86E-01	1.59E-07	4.86E-01	5.55E-01	5.09E-02	0.00E+00	0.00E+00	0.00E+00	9.99E+00
B45000	6.77E-04	4.66E-02	7.84E-03	3.70E-02	0.00E+00	0.00E+00	2.35E-01	4.33E-07	1.94E-04	4.00E-04	0.00E+00	-6.95E-04	4.15E-11	1.86E-09	1.65E-03	7.19E-02	0.00E+00	0.00E+00	2.44E-01	3.80E-02	4.16E-01	0.00E+00	3.81E-09	2.09E-09	1.22E-04	2.84E-07	3.88E-02	0.00E+00	4.16E-01	-1.91E-07	4.16E-01	4.54E-01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	8.04E+00
B45010	1.31E-03	6.89E-02	2.30E-03	6.66E-02	0.00E+00	0.00E+00	3.91E-01	1.05E-06	4.59E-04	7.51E-04	0.00E+00	0.00E+00	6.57E-11	4.88E-09	3.59E-03	1.87E-01	0.00E+00	0.00E+00	4.37E-01	9.18E-06	1.04E+00	0.00E+00	8.29E-09	4.36E-09	2.52E-04	6.54E-09	7.87E-02	0.00E+00	1.04E+00	3.98E-07	1.04E+00	1.12E+00	7.87E-02	0.00E+00	0.00E+00	0.00E+00	1.61E+01
B45011	9.97E-04	8.30E-02	4.07E-03	7.50E-02	0.00E+00	0.00E+00	3.77E-01	8.38E-07	3.67E-04	8.11E-04	0.00E+00	-5.50E-04	6.63E-11	3.24E-09	3.33E-03	1.76E-01	1.79E-07	0.00E+00	3.53E-01	1.53E-03	8.83E-01	0.00E+00	7.23E-09	3.82E-09	2.42E-04	6.84E-08	6.85E-02	0.00E+00	8.83E-01	3.04E-07	8.83E-01	9.91E-01	6.85E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
B45012	9.00E-04	6.07E-02	4.30E-03	5.82E-02	0.00E+00	0.00E+00	3.01E-01	7.84E-07	3.14E-04	7.24E-04	0.00E+00	-5.46E-04	5.36E-11	3.35E-09	2.77E-03	1.75E-01	1.78E-07	0.00E+00	3.12E-01	1.77E-03	8.62E-01	0.00E+00	6.81E-09	3.69E-09	2.26E-04	6.05E-08	5.80E-02	0.00E+00	8.62E-01	3.11E-07	8.62E-01	9.53E-01	5.80E-02	0.00E+00	0.00E+00	0.00E+00	1.19E+01
B45013	8.62E-04	6.07E-02	4.30E-03	5.76E-02	0.00E+00	0.00E+00	2.97E-01	7.79E-07	3.15E-04	7.24E-04	0.00E+00	-5.46E-04	5.36E-11	3.31E-09	2.76E-03	1.69E-01	1.78E-07	0.00E+00	3.12E-01	1.84E-03	8.57E-01	0.00E+00	6.61E-09	3.59E-09	2.21E-04	6.29E-08	5.79E-02	0.00E+00	8.57E-01	3.03E-07	8.57E-01	9.37E-01	5.79E-02	0.00E+00	0.00E+00	0.00E+00	1.18E+01
B45014	8.99E-04	8.45E-02	4.00E-03	7.70E-02	0.00E+00	0.00E+00	3.75E-01	8.46E-07	3.70E-04	8.27E-04	0.00E+00	-5.50E-04	6.64E-11	3.22E-09	3.34E-03	1.75E-01	1.78E-07	0.00E+00	3.49E-01	1.43E-03	8.77E-01	0.00E+00	7.02E-09	3.76E-09	2.39E-04	5.40E-08	6.80E-02	0.00E+00	8.77E-01	3.09E-07	8.77E-01	9.81E-01	6.80E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
B45016	9.65E-04	1.47E-01	1.74E-02	1.27E-01	0.00E+00	0.00E+00	5.74E-01	1.26E-06	4.47E-04	1.36E-03	0.00E+00	-6.58E-04	1.15E-10	3.28E-09	6.50E-03	2.54E-01	1.78E-07	0.00E+00	5.50E-01	7.68E-03	1.47E+00	0.00E+00	1.17E-08	6.05E-09	4.29E-04	3.55E-07	9.96E-02	0.00E+00	1.47E+00	2.75E-07	1.47E+00	1.55E+00	9.96E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01
B45020	1.23E-03	1.03E-01	6.11E-03	9.68E-02	0.00E+00	0.00E+00	5.50E-01	1.46E-06	6.58E-04	1.08E-03	0.00E+00	-3.54E-04	9.34E-11	7.06E-09	5.11E-03	2.65E-01	3.60E-07	0.00E+00	6.15E-01	4.68E-03	1.48E+00	0.00E+00	1.18E-08	6.18E-09	3.60E-04	1.23E-07	1.11E-01	0.00E+00	1.48E+00	5.16E-07	1.48E+00	1.59E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.27E+01
B45021	1.87E-03	1.03E-01	6.12E-03	9.71E-02	0.00E+00	0.00E+00	5.51E-01	1.47E-06	6.58E-04	1.08E-03	0.00E+00	-3.54E-04	9.35E-11	7.05E-09	5.12E-03	2.66E-01	3.60E-07	0.00E+00	6.16E-01	4.68E-03	1.48E+00	0.00E+00	1.18E-08	6.20E-09	3.61E-04	1.23E-07	1.11E-01	0.00E+00	1.48E+00	5.18E-07	1.48E+00	1.59E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.28E+01
B45022	1.16E-03	9.61E-02	4.61E-03	8.60E-02	0.00E+00	0.00E+00	4.74E-01	1.13E-06	6.60E-04	9.38E-04	0.00E+00	-5.53E-04	6.84E-11	7.31E-09	3.92E-03	2.38E-01	1.56E-07	0.00E+00	5.20E-01	3.26E-03	1.23E+00	0.00E+00	9.89E-09	5.49E-09	2.85E-04	8.37E-08	9.82E-02	0.00E+00	1.23E+00	4.24E-07	1.23E+00	1.35E+00	9.82E-02	0.00E+00	0.00E+00	0.00E+00	1.95E+01
B45023	1.16E-03	9.61E-02	4.61E-03	8.60E-02	0.00E+00	0.00E+00	4.74E-01	1.13E-06	6.60E-04	9.38E-04	0.00E+00	-5.53E-04	6.84E-11	7.31E-09	3.92E-03	2.38E-01	1.56E-07	0.00E+00	5.20E-01	3.26E-03	1.23E+00	0.00E+00	9.89E-09	5.49E-09	2.85E-04	8.37E-08	9.82E-02	0.00E+00	1.23E+00	4.24E-07	1.23E+00	1.35E+00	9.82E-02	0.00E+00	0.00E+00	0.00E+00	1.95E+01
B45024	1.23E-03	1.03E-01	6.11E-03	9.68E-02	0.00E+00	0.00E+00	5.50E-01	1.46E-06	6.58E-04	1.08E-03	0.00E+00	-3.54E-04	9.33E-11	7.06E-09	5.10E-03	2.65E-01	3.60E-07	0.00E+00	6.15E-01	4.68E-03	1.48E+00	0.00E+00	1.18E-08	6.18E-09	3.60E-04	1.23E-07	1.11E-01	0.00E+00	1.48E+00	5.16E-07	1.48E+00	1.59E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.27E+01
B45026	1.34E-03	1.01E-01	7.32E-03	9.03E-02	0.00E+00	0.00E+00	6.07E-01	1.45E-06	7.81E-04	1.04E-03	0.00E+00	-5.55E-04	9.72E-11	8.05E-09	4.98E-03	2.55E-01	1.56E-07	0.00E+00	6.32E-01	4.14E-03	1.36E+00	0.00E+00	1.06E-08	5.77E-09	3.29E-04	1.22E-07	1.12E-01	0.00E+00	1.36E+00	4.88E-07	1.36E+00	1.48E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
B45030	2.77E-03	1.51E-01	9.37E-03	1.41E-01	0.00E+00	0.00E+00	8.02E-01	2.13E-06	9.83E-04	1.58E-03	0.00E+00	-5.67E-04	1.37E-10	1.05E-08	7.43E-03	3.90E-01	1.26E-06	0.00E+00	9.00E-01	7.51E-03	2.15E+00	0.00E+00	1.72E-08	9.03E-09	5.27E-04	1.96E-07	1.62E-01	0.00E+00	2.15E+00	7.42E-07	2.15E+00	2.31E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.33E+01
B45031	1.34E-03	1.24E-01	7.92E-03	1.11E-01	0.00E+00	0.00E+00	6.72E-01	1.71E-06	8.75E-04	1.17E-03	0.00E+00	-5.55E-04	1.09E-10	9.25E-09	5.57E-03	2.94E-01	4.88E-07	0.00E+00	6.94E-01	6.35E-03	1.46E+00	0.00E+00	1.17E-08	6.23E-09	3.52E-04	1.80E-07	1.27E-01	0.00E+00	1.46E+00	5.98E-07	1.46E+00	1.59E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
B45032	1.22E-03	1.23E-01	7.84E-03	1.05E-01	0.00E+00	0.00E+00	6.67E-01	1.69E-06	8.53E-04	1.11E-03	0.00E+00	-5.55E-04	1.08E-10	9.25E-09	5.46E-03	2.91E-01	4.87E-07	0.00E+00	6.82E-01	6.42E-03	1.41E+00	0.00E+00	1.08E-08	6.08E-09	3.27E-04	1.80E-07	1.27E-01	0.00E+00	1.41E+00	6.02E-07	1.41E+00	1.55E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
B45033	1.22E-03	1.23E-01	7.84E-03	1.05E-01	0.00E+00	0.00E+00	6.67E-01	1.69E-06	8.53E-04	1.11E-03	0.00E+00	-5.55E-04	1.08E-10	9.25E-09	5.46E-03	2.91E-01	4.87E-07	0.00E+00	6.82E-01	6.42E-03	1.41E+00	0.00E+00	1.08E-08	6.08E-09	3.27E-04	1.80E-07	1.27E-01	0.00E+00	1.41E+00	6.02E-07	1.41E+00	1.55E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
B45034	1.21E-03	1.50E-01	8.57E-03	1.38E-01	0.00E+00	0.00E+00	7.10E-01	1.78E-06	8.70E-04	1.46E-03	0.00E+00	-5.61E-04	1.22E-10	9.01E-09	6.68E-03	3.23E-01	4.87E-07	0.00E+00	7.66E-01	6.06E-03	1.82E+00	0.00E+00	1.46E-08	7.67E-09	4.62E-04	1.72E-07	1.38E-01	0.00E+00	1.82E+00	6.21E-07	1.82E+00	1.97E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
B88100	6.61E-04	5.47E-02	1.79E-03	5.29E-02	0.00E+00	0.00E+00	3.04E-01	8.17E-07	3.49E-04	5.96E-04	0.00E+00	0.00E+00	5.11E-11	3.71E-09	2.85E-03	1.46E-01	0.00E+00	0.00E+00	3.40E-01	7.40E-06	8.26E-01	0.00E+00	6.57E-09	3.44E-09	1.98E-04	5.27E-09	6.15E-02	0.00E+00	8.26E-01	3.16E-07	8.26E-01	8.87E-01	6.15E-02	0.00E+00	0.00E+00	0.00E+00	1.26E+01
B88102	5.26E-04	5.04E-02	2.95E-03	4.61E-02	0.00E+00	0.00E+00	2.24E-01	4.74E-07	2.50E-04	4.50E-04	0.00E+00	-5.47E-04	3.85E-11	2.56E-09	1.54E-03	8.49E-02	0.00E+00	0.00E+00	2.05E-01	5.19E-03	4.93E-01	0.00E+00	3.91E-09	2.06E-09	1.32E-04	1.32E-07	3.87E-02	0.00E+00	4.93E-01	2.20E-07	4.93E-01	5.49E-01	3.87E-02	0.00E+00	0.00E+00	0.00E+00	7.25E+00
B88122	1.34E-03	1.19E-01	9.25E-03	1.10E-01	0.00E+00	0.00E+00	6.15E-01	1.64E-06	7.11E-04	1.22E-03	0.00E+00	-6.99E-04	1.03E-10	7.58E-09	5.74E-03	2.94E-01	0.00E+00	0.00E+00	6.86E-01	9.24E-03	1.66E+00	0.00E+00	1.32E-08	6.90E-09	4.04E-04	2.34E-07	1.23E-01	0.00E+00	1.66E+00	5.51E-07	1.66E+00	1.78E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
GD20009011	1.41E-03	2.97E-01	9.28E-03	1.91E-01	0.00E+00	0.00E+00	6.90E-01	1.28E-06	1.03E-03	1.65E-03	0.00E+00	-1.01E-04	2.67E-10	9.82E-09	6.57E-03	1.79E-01	0.00E+00	0.00E+00	3.56E-01	2.49E-03	1.51E+00	0.00E+00	1.37E-08	6.58E-09	4.04E-04	3.27E-08	6.44E-02	0.00E+00	1.51E+00	7.56E-07	1.51E+00	1.57E+00	6.44E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
GD20017035	1.41E-03	3.14E-01	8.98E-03	2.12E-01	0.00E+00	0.00E+00	6.88E-01	1.42E-06	1.02E-03	1.77E-03	0.00E+00	-3.07E-05	2.61E-10	9.74E-09	6.64E-03	1.79E-01	0.00E+00	0.00E+00	3.63E-01	2.49E-03	1.69E+00	0.00E+00	1.51E-08	7.29E-09	4.56E-04	3.24E-08	6.70E-02	0.00E+00	1.69E+00	7.29E-07	1.69E+00	1.75E+00	6.70E-02	0.00E+00	0.00E+00	0.00E+00	1.80E+01
GD20019011	3.07E-03	4.00E-01	9.20E-03	4.11E-01	0.00E+00	0.00E+00	1.27E+00	2.54E-06	1.77E-03	3.69E-03	0.00E+00	-3.53E-05	2.73E-10	1.75E-08	1.03E-02	5.87E-01	0.00E+00	0.00E+00	1.04E+00	1.35E-04	2.77E+00	0.00E+00	2.30E-08	1.31E-08	1.02E-03	3.24E-08	2.37E-01	0.00E+00	2.77E+00	7.87E-07	2.77E+00	3.04E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.52E+01
GD20019016	3.04E-03	4.09E-01	9.46E-03	4.05E-01	0.00E+00	0.00E+00	1.58E+00	2.80E-06	1.68E-03	3.68E-03	0.00E+00	-3.53E-05	2.81E-10	1.70E-08	1.11E-02	6.08E-01	0.00E+00	0.00E+00	1.20E+00	7.47E-04	3.24E+00	0.00E+00	2.67E-08	1.40E-08	1.06E-03	2.79E-08	2.52E-01	0.00E+00	3.24E+00	8.42E-07	3.24E+00	3.67E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	5.23E+01
GD30007035	3.28E-03	4.73E-01	1.21E-02	4.94E-01	0.00E+00	0.00E+00	1.59E+00	2.80E-06	2.02E-03	4.74E-03	0.00E+00	-4.23E-04	4.91E-10	2.07E-08	1.46E-02	7.31E-01	0.00E+00	0.00E+00	1.69E+00	4.64E-03	3.52E+00	0.00E+00	2.98E-08	1.53E-08	1.32E-03	7.44E-08	2.88E-01	0.00E+00	3.52E+00	8.46E-07	3.52E+00	3.79E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	6.38E+01
GD30009011	3.28E-03	4.74E-01	1.21E-02	4.95E-01	0.00E+00	0.00E+00	1.59E+00	2.83E-06	2.02E-03	4.74E-03	0.00E+00	-4.23E-04	4.91E-10	2.07E-08	1.46E-02	7.31E-01	0.00E+00	0.00E+00	1.69E+00	4.64E-03	3.52E+00	0.00E+00	2.98E-08	1.54E-08	1.32E-03	7.44E-08	2.88E-01	0.00E+00	3.52E+00	8.46E-07	3.52E+00	3.79E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	6.40E+01
GD30017035	3.28E-03	4.40E-01	1.09E-02	4.99E-01	0.00E+00	0.00E+00	1.63E+00	2.78E-06	2.02E-03	4.73E-03	0.00E+00	-2.31E-04	3.19E-10	2.04E-08	1.42E-02	7.36E-01	0.00E+00	0.00E+00	1.50E+00	2.77E-03	3.45E+00	0.00E+00	2.95E-08	1.52E-08	1.32E-03	6.39E-08	2.75E-01	0.00E+00	3.45E+00	8.71E-07	3.45E+00	3.73E+00	2.75E-01	0.00E+00	0.00E+00	0.00E+00	5.68E+01
GD30019011	3.37E-03	4.60E-01	1.77E-02	4.84E-01	0.00E+00	0.00E+00	1.29E+00	2.84E-06	2.12E-03	4.72E-03	0.00E+00	-3.07E-04	3.01E-10	2.09E-08	1.43E-02	7.40E-01	0.00E+00	0.00E+00	1.41E+00	4.53E-03	3.44E+00	0.00E+00	2.99E-08	1.60E-08	1.33E-03	4.61E-07	2.71E-01	0.00E+00	3.44E+00	8.61E-07	3.44E+00	3.73E+00	2.71E-01	0.00E+00	0.00E+00	0.00E+00	5.16E+01
GD30019016	3.35E-03	4.38E-01	1.81E-02	4.85E-01	0.00E+00	0.00E+00	1.29E+00	2.79E-06	2.12E-03	4.70E-03	0.00E+00	-5.13E-04	3.01E-10	2.10E-08	1.47E-02	7.36E-01	5.05E-06	0.00E+00	1.42E+00	9.15E-03	3.41E+00	0.00E+00	2.97E-08	1.60E-08	1.33E-03	4.71E-07	2.71E-01	0.00E+00	3.41E+00	8.64E-07	3.41E+00	3.73E+00	2.71E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
GDE20017035	3.08E-03	3.94E-01	9.20E-03	4.05E-01	0.00E+00	0.00E+00	1.24E+00	2.44E-06	1.77E-03	3.67E-03	0.00E+00	-1.94E-04	2.47E-10	1.75E-08	1.03E-02	5.86E-01	0.00E+00	0.00E+00	1.02E+00	2.64E-04	2.76E+00	0.00E+00	2.31E-08	1.31E-08	1.02E-03	3.26E-08	2.36E-01	0.00E+00	2.76E+00	7.80E-07	2.76E+00	3.01E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.37E+01
GDE20019016	3.04E-03	4.09E-01	8.94E-03	4.04E-01	0.00E+00	0.00E+00	1.52E+00	2.66E-06	1.68E-03	3.67E-03	0.00E+00	-1.90E-04	2.56E-10	1.69E-08	1.08E-02	6.03E-01	0.00E+00	0.00E+00	1.15E+00	2.14E-04	2.85E+00	0.00E+00	2.37E-08	1.34E-08	1.04E-03	2.87E-08	2.47E-01	0.00E+00	2.85E+00	8.20E-07	2.85E+00	3.12E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.13E+01
GDE30019016	3.28E-03	4.34E-01	1.09E-02	4.95E-01	0.00E+00	0.00E+00	1.62E+00	2.72E-06	2.00E-03	4.56E-03	0.00E+00	-2.31E-04	3.20E-10	2.05E-08	1.42E-02	7.13E-01	0.00E+00	0.00E+00	1.50E+00	2.76E-03	3.46E+00	0.00E+00	2.95E-08	1.50E-08	1.27E-03	6.31E-08	2.75E-01	0.00E+00	3.46E+00	8.71E-07	3.46E+00	3.74E+00	2.75E-01	0.00E+00	0.00E+00	0.00E+00	5.68E+01
GE20103020	2.29E-03	3.93E-01	1.87E-02	3.54E-01	0.00E+00	0.00E+00	1.45E+00	2.60E-06	1.43E-03	3.39E-03	0.00E+00	9.31E-03	5.01E-09	1.45E-08	1.12E-02	5.49E-01	0.00E+00	0.00E+00	1.01E+00	1.42E-03	2.73E+00	0.00E+00	2.20E-08	1.33E-08	9.72E-04	4.32E-07	2.20E-01	0.00E+00	2.73E+00	8.79E-07	2.73E+00	3.02E+00	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.13E+01
GE20109016	2.42E-03	4.00E-01	1.84E-02	3.65E-01	0.00E+00	0.00E+00	1.98E+00	2.89E-06	1.37E-03	3.45E-03	0.00E+00	9.31E-03	5.02E-09	1.40E-08	1.20E-02	5.80E-01	0.00E+00	0.00E+00	1.15E+00	2.43E-03	3.14E+00	0.00E+00	2.55E-08	1.40E-08	1.05E-03	4.30E-07	2.37E-01	0.00E+00	3.14E+00	8.98E-07	3.14E+00	3.62E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.97E+01
GE20113020	2.42E-03	3.72E-01	1.81E-02	3.59E-01	0.00E+00	0.00E+00	1.88E+00	2.77E-06	1.41E-03	3.50E-03	0.00E+00	9.31E-03	5.02E-09	1.40E-08	1.21E-02	5.75E-01	0.00E+00	0.00E+00	1.37E+00	2.30E-03	2.89E+00	0.00E+00	2.41E-08	1.37E-08	1.02E-03	4.35E-07	2.42E-01	0.00E+00	2.89E+00	8.80E-07	2.89E+00	3.18E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	5.29E+01
GE20119016	2.18E-03	3.55E-01	1.90E-02	3.36E-01	0.00E+00	0.00E+00	1.29E+00	2.54E-06	1.48E-03	3.40E-03	0.00E+00	9.30E-03	5.01E-09	1.45E-08	1.19E-02	5.66E-01	0.00E+00	0.00E+00	1.31E+00	1.58E-03	2.88E+00	0.00E+00	2.41E-08	1.36E-08	9.88E-04	4.41E-07	2.31E-01	0.00E+00	2.88E+00	8.64E-07	2.88E+00	3.15E+00	2.31E-01	0.00E+00	0.00E+00	0.00E+00	4.41E+01
GS10017035	1.32E-03	2.96E-01	2.99E-02	2.66E-01	1.59E-09	0.00E+00	2.84E+00	2.73E-06	4.85E-04	2.33E-03	0.00E+00	3.33E-02	1.55E-08	6.80E-09	1.39E-02	3.59E-01	0.00E+00	0.00E+00	8.82E-01	1.93E-03	2.69E+00	0.00E+00	2.00E-08	1.02E-08	6.61E-04	8.28E-07	1.85E-01	0.00E+00	2.69E+00	9.64E-07	2.69E+00	2.88E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+01
GS10019011	1.32E-03	2.96E-01	2.99E-02	2.66E-01	1.59E-09	0.00E+00	2.84E+00	2.72E-06	4.84E-04	2.33E-03	0.00E+00	3.33E-02	1.55E-08	6.79E-09	1.39E-02	3.58E-01	0.00E+00	0.00E+00	8.81E-01	1.93E-03	2.69E+00	0.00E+00	2.00E-08	1.02E-08	6.60E-04	8.28E-07	1.85E-01	0.00E+00	2.69E+00	9.61E-07	2.69E+00	2.87E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+01
GS10019016	1.15E-03	2.86E-01	2.44E-02	2.62E-01	0.00E+00	0.00E+00	2.41E+00	2.64E-06	4.01E-04	2.13E-03	0.00E+00	1.70E-02	1.55E-08	5.99E-09	8.67E-03	3.40E-01	0.00E+00	0.00E+00	8.44E-01	3.27E-02	2.39E+00	0.00E+00	1.91E-08	9.37E-09	6.12E-04	8.24E-07	1.53E-01	0.00E+00	2.39E+00	6.72E-07	2.39E+00	2.55E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.03E+01
GS1001LAN	1.32E-03	2.96E-01	2.99E-02	2.66E-01	1.59E-09	0.00E+00	2.84E+00	2.73E-06	4.85E-04	2.33E-03	0.00E+00	3.33E-02	1.55E-08	6.80E-09	1.39E-02	3.59E-01	0.00E+00	0.00E+00	8.82E-01	1.93E-03	2.69E+00	0.00E+00	2.00E-08	1.02E-08	6.61E-04	8.28E-07	1.85E-01	0.00E+00	2.69E+00	9.64E-07	2.69E+00	2.88E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+01
GS11003020	1.33E-03	3.01E-01	9.31E-03	1.81E-01	0.00E+00	0.00E+00	6.61E-01	1.21E-06	9.90E-04	1.42E-03	0.00E+00	-1.92E-04	2.55E-10	9.78E-09	4.85E-03	1.22E-01	0.00E+00	0.00E+00	2.23E-01	3.29E-03	1.30E+00	0.00E+00	1.11E-08	5.35E-09	3.80E-04	3.72E-08	5.70E-02	0.00E+00	1.30E+00	7.63E-07	1.30E+00	1.30E+00	5.70E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
GS11009011	3.00E-03	4.01E-01	9.64E-03	3.93E-01	0.00E+00	0.00E+00	1.56E+00	2.82E-06	1.72E-03	3.48E-03	0.00E+00	-1.97E-04	2.53E-10	1.70E-08	9.79E-03	5.67E-01	0.00E+00	0.00E+00	1.37E+00	1.29E-03	2.62E+00	0.00E+00	2.24E-08	1.31E-08	9.88E-04	3.56E-08	2.51E-01	0.00E+00	2.62E+00	8.55E-07	2.62E+00	2.78E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
GS11009016	1.33E-03	3.01E-01	9.22E-03	1.82E-01	0.00E+00	0.00E+00	6.61E-01	1.21E-06	9.85E-04	1.42E-03	0.00E+00	-1.92E-04	2.58E-10	9.80E-09	4.85E-03	1.22E-01	0.00E+00	0.00E+00	2.23E-01	3.21E-03	1.30E+00	0.00E+00	1.11E-08	5.37E-09	3.80E-04	3.63E-08	5.70E-02	0.00E+00	1.30E+00	7.63E-07	1.30E+00	1.30E+00	5.70E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
GS11013020	2.99E-03	3.73E-01	9.52E-03	4.04E-01	0.00E+00	0.00E+00	1.59E+00	2.80E-06	1.74E-03	3.58E-03	0.00E+00	-1.98E-04	2.37E-10	1.69E-08	9.81E-03	5.60E-01	0.00E+00	0.00E+00	1.34E+00	8.02E-04	2.61E+00	0.00E+00	2.20E-08	1.30E-08	1.00E-03	3.45E-08	2.48E-01	0.00E+00	2.61E+00	8.34E-07	2.61E+00	2.77E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	5.32E+01
GS11019011	3.01E-03	3.72E-01	9.10E-03	4.01E-01	0.00E+00	0.00E+00	1.59E+00	2.77E-06	1.72E-03	3.48E-03	0.00E+00	-1.98E-04	2.36E-10	1.69E-08	9.22E-03	5.54E-01	0.00E+00	0.00E+00	1.08E+00	7.92E-04	2.50E+00	0.00E+00	2.05E-08	1.23E-08	9.86E-04	3.44E-08	2.32E-01	0.00E+00	2.50E+00	8.19E-07	2.50E+00	2.63E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.83E+01
GS11019016	2.99E-03	3.74E-01	9.41E-03	4.04E-01	0.00E+00	0.00E+00	1.59E+00	2.80E-06	1.72E-03	3.58E-03	0.00E+00	-1.98E-04	2.44E-10	1.69E-08	9.83E-03	5.60E-01	0.00E+00	0.00E+00	1.37E+00	8.02E-04	2.62E+00	0.00E+00	2.21E-08	1.30E-08	1.01E-03	3.45E-08	2.55E-01	0.00E+00	2.62E+00	8.33E-07	2.62E+00	2.78E+00	2.55E-01	0.00E+00	0.00E+00	0.00E+00	5.52E+01
GS12003020	3.00E-03	4.01E-01	9.12E-03	3.92E-01	0.00E+00	0.00E+00	1.57E+00	2.90E-06	1.68E-03	3.40E-03	0.00E+00	-1.97E-04	2.74E-10	1.70E-08	9.26E-03	5.55E-01	0.00E+00	0.00E+00	1.08E+00	1.37E-03	2.78E+00	0.00E+00	2.30E-08	1.25E-08	1.00E-03	3.26E-08	2.41E-01	0.00E+00	2.78E+00	8.55E-07	2.78E+00	3.17E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	5.10E+01
GS12009011	3.01E-03	4.03E-01	9.10E-03	3.94E-01	0.00E+00	0.00E+00	1.57E+00	2.89E-06	1.69E-03	3.45E-03	0.00E+00	-1.97E-04	2.74E-10	1.69E-08	9.27E-03	5.68E-01	0.00E+00	0.00E+00	1.40E+00	1.28E-03	2.80E+00	0.00E+00	2.36E-08	1.26E-08	1.01E-03	3.27E-08	2.51E-01	0.00E+00	2.80E+00	8.42E-07	2.80E+00	3.18E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	5.63E+01
GS12009016	3.00E-03	4.01E-01	9.12E-03	3.92E-01	0.00E+00	0.00E+00	1.57E+00	2.90E-06	1.68E-03	3.40E-03	0.00E+00	-1.97E-04	2.74E-10	1.70E-08	9.26E-03	5.55E-01	0.00E+00	0.00E+00	1.08E+00	1.37E-03	2.78E+00	0.00E+00	2.30E-08	1.25E-08	1.00E-03	3.26E-08	2.41E-01	0.00E+00	2.78E+00	8.55E-07	2.78E+00	3.17E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	5.10E+01
GS12013020	3.00E-03	3.68E-01	8.98E-03	3.97E-01	0.00E+00	0.00E+00	1.59E+00	2.86E-06	1.67E-03	3.58E-03	0.00E+00	-2.04E-04	2.47E-10	1.59E-08	9.44E-03	5.62E-01	0.00E+00	0.00E+00	1.35E+00	8.86E-04	2.63E+00	0.00E+00	2.24E-08	1.30E-08	1.00E-03	3.55E-08	2.51E-01	0.00E+00	2.63E+00	8.24E-07	2.63E+00	2.78E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	5.43E+01
GS12019011	2.99E-03	3.65E-01	8.99E-03	3.93E-01	0.00E+00	0.00E+00	1.59E+00	2.87E-06	1.64E-03	3.46E-03	0.00E+00	-2.04E-04	2.47E-10	1.60E-08	9.24E-03	5.45E-01	0.00E+00	0.00E+00	1.03E+00	9.69E-04	2.52E+00	0.00E+00	2.04E-08	1.23E-08	9.80E-04	3.54E-08	2.38E-01	0.00E+00	2.52E+00	8.41E-07	2.52E+00	2.65E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.93E+01
GS12019016	2.94E-03	3.53E-01	1.05E-02	3.92E-01	0.00E+00	0.00E+00	1.69E+00	2.86E-06	1.61E-03	3.53E-03	0.00E+00	-2.21E-04	2.47E-10	1.54E-08	9.83E-03	5.61E-01	0.00E+00	0.00E+00	1.35E+00	2.27E-03	2.62E+00	0.00E+00	2.22E-08	1.27E-08	9.81E-04	8.16E-08	2.51E-01	0.00E+00	2.62E+00	8.12E-07	2.62E+00	2.77E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
GS20003020	2.96E-03	3.86E-01	1.28E-02	3.73E-01	0.00E+00	0.00E+00	1.18E+00	2.39E-06	1.69E-03	3.46E-03	0.00E+00	-6.29E-04	2.22E-10	1.68E-08	1.01E-02	5.81E-01	0.00E+00	0.00E+00	1.22E+00	8.32E-03	2.74E+00	0.00E+00	2.32E-08	1.26E-08	9.81E-04	2.26E-07	2.30E-01	0.00E+00	2.74E+00	6.50E-07	2.74E+00	2.97E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	4.48E+01
GS20009011	3.07E-03	3.98E-01	8.71E-03	3.89E-01	0.00E+00	0.00E+00	1.38E+00	3.01E-06	1.71E-03	3.62E-03	0.00E+00	0.00E+00	3.99E-10	1.73E-08	1.11E-02	6.31E-01	0.00E+00	0.00E+00	1.63E+00	3.62E-05	3.00E+00	0.00E+00	2.48E-08	1.39E-08	1.03E-03	2.58E-08	2.79E-01	0.00E+00	3.00E+00	8.89E-07	3.00E+00	3.28E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
GS20013020	3.04E-03	4.23E-01	7.98E-03	4.15E-01	0.00E+00	0.00E+00	1.20E+00	2.39E-06	1.72E-03	3.80E-03	0.00E+00	0.00E+00	2.29E-10	1.68E-08	1.06E-02	6.01E-01	0.00E+00	0.00E+00	1.25E+00	3.76E-05	2.86E+00	0.00E+00	2.45E-08	1.33E-08	1.06E-03	2.68E-08	2.38E-01	0.00E+00	2.86E+00	7.41E-07	2.86E+00	3.09E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.56E+01
GS20019011	3.04E-03	4.23E-01	7.98E-03	4.15E-01	0.00E+00	0.00E+00	1.20E+00	2.39E-06	1.72E-03	3.80E-03	0.00E+00	0.00E+00	2.29E-10	1.68E-08	1.06E-02	6.01E-01	0.00E+00	0.00E+00	1.25E+00	3.76E-05	2.86E+00	0.00E+00	2.45E-08	1.33E-08	1.06E-03	2.68E-08	2.38E-01	0.00E+00	2.86E+00	7.41E-07	2.86E+00	3.09E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.56E+01
GS20019016	3.05E-03	4.23E-01	7.99E-03	4.15E-01	0.00E+00	0.00E+00	1.21E+00	2.39E-06	1.72E-03	3.81E-03	0.00E+00	0.00E+00	2.29E-10	1.68E-08	1.06E-02	6.02E-01	0.00E+00	0.00E+00	1.25E+00	3.77E-05	2.87E+00	0.00E+00	2.45E-08	1.33E-08	1.06E-03	2.69E-08	2.38E-01	0.00E+00	2.87E+00	7.47E-07	2.87E+00	3.11E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.57E+01
GS20109011	3.07E-03	4.01E-01	8.74E-03	3.92E-01	1.47E-09	0.00E+00	1.41E+00	3.03E-06	1.71E-03	3.61E-03	0.00E+00	4.10E-06	4.06E-10	1.73E-08	1.11E-02	6.32E-01	0.00E+00	1.65E-13	1.64E+00	9.02E-05	3.00E+00	0.00E+00	2.48E-08	1.39E-08	1.03E-03	7.14E-08	2.80E-01	0.00E+00	3.00E+00	8.91E-07	3.00E+00	3.28E+00	2.80E-01	0.00E+00	0.00E+00	0.00E+00	6.23E+01
GS20109016	3.07E-03	4.01E-01	8.72E-03	3.92E-01	0.00E+00	0.00E+00	1.38E+00	3.01E-06	1.71E-03	3.64E-03	0.00E+00	0.00E+00	3.99E-10	1.73E-08	1.11E-02	6.32E-01	0.00E+00	0.00E+00	1.63E+00	3.63E-05	3.01E+00	0.00E+00	2.48E-08	1.40E-08	1.03E-03	2.59E-08	2.79E-01	0.00E+00	3.01E+00	8.90E-07	3.01E+00	3.29E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
GS20119011	3.04E-03	4.25E-01	8.01E-03	4.17E-01	1.53E-09	0.00E+00	1.24E+00	2.40E-06	1.72E-03	3.79E-03	0.00E+00	4.26E-06	2.36E-10	1.68E-08	1.06E-02	6.02E-01	0.00E+00	1.72E-13	1.26E+00	9.39E-05	2.86E+00	0.00E+00	2.45E-08	1.33E-08	1.06E-03	7.44E-08	2.39E-01	0.00E+00	2.86E+00	7.43E-07	2.86E+00	3.10E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.62E+01
GS20119016	3.05E-03	4.25E-01	7.99E-03	4.17E-01	0.00E+00	0.00E+00	1.21E+00	2.38E-06	1.72E-03	3.82E-03	0.00E+00	0.00E+00	2.29E-10	1.68E-08	1.06E-02	6.02E-01	0.00E+00	0.00E+00	1.25E+00	3.78E-05	2.86E+00	0.00E+00	2.45E-08	1.33E-08	1.06E-03	2.69E-08	2.38E-01	0.00E+00	2.86E+00	7.42E-07	2.86E+00	3.10E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.56E+01
GS30003020	3.85E-03	5.49E-01	2.02E-02	5.29E-01	0.00E+00	0.00E+00	1.51E+00	2.99E-06	2.18E-03	4.83E-03	0.00E+00	-1.26E-03	2.88E-10	2.14E-08	1.34E-02	7.58E-01	0.00E+00	0.00E+00	1.57E+00	1.66E-02	3.60E+00	0.00E+00	3.09E-08	1.67E-08	1.35E-03	4.36E-07	2.98E-01	0.00E+00	3.60E+00	7.87E-07	3.60E+00	3.90E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	5.74E+01
GS30009011	4.07E-03	5.75E-01	1.21E-02	5.63E-01	2.05E-09	0.00E+00	1.95E+00	4.28E-06	2.21E-03	5.12E-03	0.00E+00	5.72E-06	6.53E-10	2.24E-08	1.53E-02	8.60E-01	0.00E+00	2.30E-13	2.41E+00	1.26E-04	4.15E+00	0.00E+00	3.41E-08	1.93E-08	1.43E-03	9.98E-08	3.98E-01	0.00E+00	4.15E+00	1.27E-06	4.15E+00	4.54E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	9.22E+01
GS30009016	4.08E-03	5.75E-01	1.21E-02	5.63E-01	0.00E+00	0.00E+00	1.91E+00	4.26E-06	2.21E-03	5.17E-03	0.00E+00	0.00E+00	6.43E-10	2.24E-08	1.53E-02	8.60E-01	0.00E+00	0.00E+00	2.39E+00	5.08E-05	4.15E+00	0.00E+00	3.41E-08	1.94E-08	1.45E-03	3.62E-08	3.96E-01	0.00E+00	4.15E+00	1.27E-06	4.15E+00	4.54E+00	3.96E-01	0.00E+00	0.00E+00	0.00E+00	9.14E+01
GS30013020	3.94E-03	5.84E-01	1.04E-02	5.73E-01	2.06E-09	0.00E+00	1.59E+00	3.02E-06	2.21E-03	5.16E-03	0.00E+00	5.71E-06	3.07E-10	2.14E-08	1.39E-02	7.82E-01	0.00E+00	0.00E+00	1.62E+00	1.27E-04	3.75E+00	0.00E+00	3.23E-08	1.75E-08	1.42E-03	1.00E-07	3.09E-01	0.00E+00	3.75E+00	9.62E-07	3.75E+00	4.06E+00	3.09E-01	0.00E+00	0.00E+00	0.00E+00	5.92E+01
GS30019011	3.95E-03	5.83E-01	1.04E-02	5.73E-01	0.00E+00	0.00E+00	1.54E+00	2.99E-06	2.21E-03	5.19E-03	0.00E+00	0.00E+00	2.96E-10	2.14E-08	1.39E-02	7.80E-01	0.00E+00	0.00E+00	1.60E+00	5.09E-05	3.74E+00	0.00E+00	3.23E-08	1.74E-08	1.43E-03	3.62E-08	3.07E-01	0.00E+00	3.74E+00	9.53E-07	3.74E+00	4.04E+00	3.07E-01	0.00E+00	0.00E+00	0.00E+00	5.83E+01
GS30019016	3.95E-03	5.84E-01	1.04E-02	5.74E-01	0.00E+00	0.00E+00	1.54E+00	3.00E-06	2.21E-03	5.20E-03	0.00E+00	0.00E+00	2.96E-10	2.14E-08	1.39E-02	7.82E-01	0.00E+00	0.00E+00	1.61E+00	5.10E-05	3.75E+00	0.00E+00	3.24E-08	1.75E-08	1.43E-03	3.63E-08	3.08E-01	0.00E+00	3.75E+00	9.61E-07	3.75E+00	4.06E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	5.84E+01
MK087-32	8.88E-04	3.86E-02	2.85E-03	3.65E-02	0.00E+00	0.00E+00	2.40E-01	5.76E-07	3.71E-04	3.92E-04	0.00E+00	-1.83E-04	3.95E-11	3.84E-09	1.73E-03	1.18E-01	0.00E+00	0.00E+00	2.66E-01	5.53E-04	4.79E-01	0.00E+00	4.08E-09	2.39E-09	1.36E-04	1.77E-08	4.89E-02	0.00E+00	4.79E-01	1.41E-07	4.79E-01	5.54E-01	4.89E-02	0.00E+00	0.00E+00	0.00E+00	9.73E+00
MK087-61	9.22E-04	3.27E-02	2.23E-03	3.42E-02	0.00E+00	0.00E+00	2.37E-01	5.85E-07	3.73E-04	3.56E-04	0.00E+00	-1.83E-04	4.01E-11	3.90E-09	1.57E-03	1.14E-01	8.67E-10	0.00E+00	2.69E-01	5.43E-04	4.41E-01	0.00E+00	3.67E-09	2.38E-09	1.26E-04	1.51E-08	4.85E-02	0.00E+00	4.41E-01	1.56E-07	4.41E-01	4.97E-01	4.85E-02	0.00E+00	0.00E+00	0.00E+00	9.70E+00
SN013	5.66E-04	1.03E-01	1.96E-03	1.01E-01	0.00E+00	0.00E+00	3.64E-01	8.17E-07	2.49E-04	9.56E-04	0.00E+00	0.00E+00	6.39E-11	2.61E-09	3.31E-03	1.44E-01	0.00E+00	0.00E+00	3.45E-01	1.09E-05	8.77E-01	0.00E+00	7.31E-09	3.65E-09	2.64E-04	7.75E-09	6.45E-02	0.00E+00	8.77E-01	2.84E-07	8.77E-01	9.41E-01	6.45E-02	0.00E+00	0.00E+00	0.00E+00	1.24E+01
SN013QC	7.30E-04	1.21E-01	2.23E-03	1.18E-01	0.00E+00	0.00E+00	3.82E-01	8.37E-07	3.63E-04	1.10E-03	0.00E+00	0.00E+00	6.86E-11	3.55E-09	3.43E-03	1.66E-01	0.00E+00	0.00E+00	3.78E-01	1.16E-05	9.25E-01	0.00E+00	7.72E-09	4.00E-09	3.03E-04	8.23E-09	7.09E-02	0.00E+00	9.25E-01	2.87E-07	9.25E-01	9.96E-01	7.09E-02	0.00E+00	0.00E+00	0.00E+00	1.36E+01

SN015	1.06E-03	1.11E-01	2.47E-03	1.08E-01	0.00E+00	0.00E+00	4.68E-01	1.00E-06	3.55E-04	1.04E-03	0.00E+00	0.00E+00	8.29E-11	3.90E-09	3.86E-03	1.77E-01	0.00E+00	0.00E+00	4.29E-01	1.23E-05	9.95E-01	0.00E+00	8.28E-09	4.17E-09	2.93E-04	8.78E-09	7.93E-02	0.00E+00	9.95E-01	2.94E-07	9.95E-01	1.07E+00	7.93E-02	0.00E+00	0.00E+00	0.00E+00	1.55E+01
SN015QC	9.56E-04	1.28E-01	2.77E-03	1.25E-01	0.00E+00	0.00E+00	4.75E-01	1.00E-06	5.23E-04	1.17E-03	0.00E+00	0.00E+00	8.61E-11	5.26E-09	3.87E-03	2.04E-01	0.00E+00	0.00E+00	4.64E-01	1.25E-05	1.03E+00	0.00E+00	8.51E-09	4.52E-09	3.35E-04	8.93E-09	8.61E-02	0.00E+00	1.03E+00	2.93E-07	1.03E+00	1.11E+00	8.61E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
SN016	8.09E-04	1.28E-01	2.32E-03	1.25E-01	0.00E+00	0.00E+00	3.73E-01	7.99E-07	4.18E-04	1.16E-03	0.00E+00	0.00E+00	6.85E-11	4.11E-09	3.49E-03	1.75E-01	0.00E+00	0.00E+00	3.81E-01	1.20E-05	9.45E-01	0.00E+00	8.01E-09	4.18E-09	3.22E-04	8.58E-09	7.24E-02	0.00E+00	9.45E-01	2.83E-07	9.45E-01	1.02E+00	7.24E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
SN016P	8.89E-04	2.31E-01	2.95E-03	2.28E-01	0.00E+00	0.00E+00	4.69E-01	6.49E-07	4.40E-04	1.93E-03	0.00E+00	1.87E-06	9.41E-11	4.16E-09	4.16E-03	1.96E-01	6.32E-06	0.00E+00	3.95E-01	5.03E-05	9.80E-01	0.00E+00	9.21E-09	4.69E-09	4.72E-04	1.72E-08	8.05E-02	0.00E+00	9.80E-01	1.40E-07	9.80E-01	1.06E+00	8.05E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
SN023	8.14E-04	1.04E-01	1.99E-03	1.02E-01	0.00E+00	0.00E+00	3.72E-01	8.32E-07	2.50E-04	9.60E-04	0.00E+00	0.00E+00	6.52E-11	2.62E-09	3.35E-03	1.45E-01	0.00E+00	0.00E+00	3.50E-01	1.10E-05	8.84E-01	0.00E+00	7.36E-09	3.67E-09	2.65E-04	7.82E-09	6.54E-02	0.00E+00	8.84E-01	2.85E-07	8.84E-01	9.50E-01	6.54E-02	0.00E+00	0.00E+00	0.00E+00	1.26E+01
SN023QC	7.30E-04	1.21E-01	2.23E-03	1.18E-01	0.00E+00	0.00E+00	3.82E-01	8.36E-07	3.63E-04	1.10E-03	0.00E+00	0.00E+00	6.85E-11	3.55E-09	3.43E-03	1.66E-01	0.00E+00	0.00E+00	3.77E-01	1.16E-05	9.24E-01	0.00E+00	7.71E-09	4.00E-09	3.03E-04	8.23E-09	7.09E-02	0.00E+00	9.24E-01	2.86E-07	9.24E-01	9.95E-01	7.09E-02	0.00E+00	0.00E+00	0.00E+00	1.36E+01
SN025	1.06E-03	1.11E-01	2.47E-03	1.08E-01	0.00E+00	0.00E+00	4.68E-01	9.99E-07	3.55E-04	1.04E-03	0.00E+00	0.00E+00	8.29E-11	3.90E-09	3.85E-03	1.77E-01	0.00E+00	0.00E+00	4.28E-01	1.23E-05	9.93E-01	0.00E+00	8.27E-09	4.16E-09	2.93E-04	8.77E-09	7.92E-02	0.00E+00	9.93E-01	2.93E-07	9.93E-01	1.07E+00	7.92E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
SN025QC	9.56E-04	1.28E-01	2.77E-03	1.25E-01	0.00E+00	0.00E+00	4.75E-01	1.00E-06	5.23E-04	1.17E-03	0.00E+00	0.00E+00	8.61E-11	5.26E-09	3.86E-03	2.04E-01	0.00E+00	0.00E+00	4.64E-01	1.25E-05	1.03E+00	0.00E+00	8.50E-09	4.52E-09	3.34E-04	8.92E-09	8.60E-02	0.00E+00	1.03E+00	2.92E-07	1.03E+00	1.11E+00	8.60E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
SN116	8.62E-04	2.27E-01	2.68E-03	2.24E-01	0.00E+00	0.00E+00	4.79E-01	5.24E-07	4.34E-04	1.86E-03	0.00E+00	1.04E-03	9.04E-10	4.10E-09	3.73E-03	1.81E-01	6.32E-06	0.00E+00	3.44E-01	5.02E-05	8.91E-01	0.00E+00	8.52E-09	4.38E-09	4.55E-04	1.70E-08	7.16E-02	0.00E+00	8.91E-01	1.21E-07	8.91E-01	9.62E-01	7.16E-02	0.00E+00	0.00E+00	0.00E+00	1.20E+01
SN116P	8.34E-04	2.03E-01	7.26E-03	2.00E-01	0.00E+00	0.00E+00	4.91E-01	7.12E-07	4.04E-04	1.68E-03	0.00E+00	-1.66E-04	1.16E-10	3.81E-09	5.04E-03	1.95E-01	5.20E-06	0.00E+00	4.34E-01	1.87E-03	1.10E+00	0.00E+00	9.69E-09	4.57E-09	4.26E-04	9.75E-08	8.22E-02	0.00E+00	1.10E+00	1.59E-07	1.10E+00	1.13E+00	8.22E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
SN216	1.00E-03	1.32E-01	2.79E-03	1.30E-01	0.00E+00	0.00E+00	4.57E-01	9.30E-07	5.56E-04	1.21E-03	0.00E+00	0.00E+00	8.17E-11	5.70E-09	3.84E-03	2.07E-01	0.00E+00	0.00E+00	4.53E-01	1.29E-05	1.02E+00	0.00E+00	8.64E-09	4.58E-09	3.45E-04	9.20E-09	8.50E-02	0.00E+00	1.02E+00	2.72E-07	1.02E+00	1.10E+00	8.50E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
SN316	7.18E-04	1.24E-01	8.14E-03	1.20E-01	0.00E+00	0.00E+00	3.96E-01	9.35E-07	4.28E-04	1.16E-03	0.00E+00	-7.28E-04	8.18E-11	2.66E-09	3.57E-03	1.78E-01	2.11E-08	0.00E+00	4.11E-01	9.04E-03	9.14E-01	0.00E+00	7.92E-09	4.05E-09	3.26E-04	2.25E-07	6.70E-02	0.00E+00	9.14E-01	3.03E-07	9.14E-01	9.97E-01	6.70E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
SNO10DA	1.67E-03	2.45E-01	6.92E-03	2.38E-01	0.00E+00	0.00E+00	8.54E-01	1.16E-06	5.98E-04	2.00E-03	0.00E+00	9.81E-04	1.17E-09	6.33E-09	6.02E-03	2.86E-01	0.00E+00	0.00E+00	6.20E-01	4.22E-03	1.40E+00	0.00E+00	1.27E-08	6.22E-09	5.19E-04	1.21E-07	1.22E-01	0.00E+00	1.40E+00	1.71E-07	1.40E+00	1.52E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
SNO15DA	1.66E-03	2.45E-01	6.92E-03	2.38E-01	0.00E+00	0.00E+00	8.53E-01	1.16E-06	5.97E-04	2.00E-03	0.00E+00	9.81E-04	1.17E-09	6.32E-09	6.02E-03	2.86E-01	0.00E+00	0.00E+00	6.19E-01	4.22E-03	1.40E+00	0.00E+00	1.27E-08	6.22E-09	5.19E-04	1.21E-07	1.22E-01	0.00E+00	1.40E+00	1.71E-07	1.40E+00	1.52E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+01
SNS016	8.06E-04	1.26E-01	2.23E-03	1.23E-01	0.00E+00	0.00E+00	3.43E-01	7.39E-07	4.21E-04	1.14E-03	0.00E+00	0.00E+00	6.35E-11	4.09E-09	3.33E-03	1.71E-01	0.00E+00	0.00E+00	3.62E-01	1.16E-05	9.14E-01	0.00E+00	7.79E-09	4.09E-09	3.17E-04	8.29E-09	6.92E-02	0.00E+00	9.14E-01	2.76E-07	9.14E-01	9.83E-01	6.92E-02	0.00E+00	0.00E+00	0.00E+00	1.31E+01
SNS216	9.25E-04	1.29E-01	2.58E-03	1.27E-01	0.00E+00	0.00E+00	4.18E-01	8.65E-07	5.06E-04	1.18E-03	0.00E+00	0.00E+00	7.45E-11	5.07E-09	3.62E-03	1.93E-01	0.00E+00	0.00E+00	4.20E-01	1.23E-05	9.68E-01	0.00E+00	8.18E-09	4.34E-09	3.31E-04	8.75E-09	7.91E-02	0.00E+00	9.68E-01	2.68E-07	9.68E-01	1.05E+00	7.91E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
SNS316	8.63E-04	1.22E-01	9.65E-03	1.14E-01	0.00E+00	0.00E+00	5.37E-01	6.12E-07	3.81E-04	1.06E-03	0.00E+00	-2.01E-04	1.06E-10	2.12E-09	3.93E-03	1.17E-01	2.11E-08	0.00E+00	3.21E-01	6.25E-03	8.54E-01	0.00E+00	7.77E-09	3.51E-09	3.10E-04	1.45E-07	6.66E-02	0.00E+00	8.54E-01	1.51E-07	8.54E-01	9.25E-01	6.66E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
WBHP1S	1.62E-03	1.29E-01	4.73E-03	1.24E-01	0.00E+00	0.00E+00	6.51E-01	1.89E-06	4.54E-04	1.39E-03	0.00E+00	-1.31E-04	1.48E-10	4.97E-09	6.81E-03	2.90E-01	3.37E-05	0.00E+00	7.15E-01	2.05E-03	1.96E+00	0.00E+00	1.56E-08	7.77E-09	4.43E-04	7.80E-08	1.30E-01	0.00E+00	1.96E+00	8.09E-07	1.96E+00	2.09E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01
WBHP2S	1.48E-03	1.48E-01	6.05E-03	1.42E-01	0.00E+00	0.00E+00	7.89E-01	2.20E-06	7.01E-04	1.60E-03	0.00E+00	-1.84E-04	1.73E-10	7.62E-09	7.84E-03	3.60E-01	3.37E-05	0.00E+00	8.67E-01	2.74E-03	2.25E+00	0.00E+00	1.79E-08	9.09E-09	5.19E-04	9.67E-08	1.57E-01	0.00E+00	2.25E+00	8.83E-07	2.25E+00	2.41E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+01
WBHP2S-MB	1.50E-03	1.50E-01	6.09E-03	1.44E-01	0.00E+00	0.00E+00	7.96E-01	2.23E-06	7.03E-04	1.62E-03	0.00E+00	-1.84E-04	1.74E-10	7.64E-09	7.95E-03	3.64E-01	3.37E-05	0.00E+00	8.77E-01	2.74E-03	2.29E+00	0.00E+00	1.82E-08	9.23E-09	5.27E-04	9.69E-08	1.59E-01	0.00E+00	2.29E+00	9.02E-07	2.29E+00	2.45E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.22E+01
WBHP2S-MW	1.48E-03	1.48E-01	6.05E-03	1.42E-01	0.00E+00	0.00E+00	7.89E-01	2.20E-06	7.01E-04	1.60E-03	0.00E+00	-1.84E-04	1.73E-10	7.62E-09	7.84E-03	3.60E-01	3.37E-05	0.00E+00	8.67E-01	2.74E-03	2.25E+00	0.00E+00	1.79E-08	9.09E-09	5.19E-04	9.67E-08	1.57E-01	0.00E+00	2.25E+00	8.83E-07	2.25E+00	2.41E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+01
WBP1S	1.28E-03	1.06E-01	4.97E-03	1.01E-01	0.00E+00	0.00E+00	6.23E-01	1.65E-06	4.08E-04	1.18E-03	0.00E+00	-1.84E-04	1.24E-10	3.34E-09	5.61E-03	2.57E-01	3.26E-05	0.00E+00	6.36E-01	7.33E-04	1.45E+00	0.00E+00	1.13E-08	5.78E-09	3.50E-04	4.32E-08	9.98E-02	0.00E+00	1.45E+00	6.22E-07	1.45E+00	1.51E+00	9.98E-02	0.00E+00	0.00E+00	0.00E+00	2.10E+01
WBP2S	1.42E-03	1.38E-01	4.23E-03	1.33E-01	0.00E+00	0.00E+00	7.31E-01	2.03E-06	6.71E-04	1.51E-03	0.00E+00	9.99E-06	1.64E-10	7.43E-09	7.50E-03	3.42E-01	3.37E-05	0.00E+00	8.09E-01	1.87E-04	2.13E+00	0.00E+00	1.71E-08	8.65E-09	4.92E-04	3.40E-08	1.48E-01	0.00E+00	2.13E+00	8.51E-07	2.13E+00	2.28E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	2.97E+01
WBQP2S	1.88E-03	1.16E-01	3.72E-03	1.13E-01	0.00E+00	0.00E+00	6.43E-01	1.72E-06	6.14E-04	1.27E-03	0.00E+00	9.99E-06	1.51E-10	6.78E-09	6.23E-03	2.94E-01	3.37E-05	0.00E+00	6.96E-01	1.84E-04	1.77E+00	0.00E+00	1.42E-08	7.22E-09	4.14E-04	3.19E-08	1.27E-01	0.00E+00	1.77E+00	6.81E-07	1.77E+00	1.89E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
WBQP2S-MB	1.88E-03	1.16E-01	3.72E-03	1.13E-01	0.00E+00	0.00E+00	6.43E-01	1.72E-06	6.14E-04	1.27E-03	0.00E+00	9.99E-06	1.51E-10	6.78E-09	6.23E-03	2.94E-01	3.37E-05	0.00E+00	6.96E-01	1.84E-04	1.77E+00	0.00E+00	1.42E-08	7.22E-09	4.14E-04	3.19E-08	1.27E-01	0.00E+00	1.77E+00	6.81E-07	1.77E+00	1.89E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
WBQP2S-MW	1.88E-03	1.16E-01	3.72E-03	1.13E-01	0.00E+00	0.00E+00	6.43E-01	1.72E-06	6.14E-04	1.27E-03	0.00E+00	9.99E-06	1.51E-10	6.78E-09	6.23E-03	2.94E-01	3.37E-05	0.00E+00	6.96E-01	1.84E-04	1.77E+00	0.00E+00	1.42E-08	7.22E-09	4.14E-04	3.19E-08	1.27E-01	0.00E+00	1.77E+00	6.81E-07	1.77E+00	1.89E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
WBSP1S	9.10E-04	9.36E-02	3.02E-03	9.06E-02	0.00E+00	0.00E+00	5.63E-01	1.48E-06	4.20E-04	1.02E-03	0.00E+00	9.36E-06	1.34E-10	4.77E-09	5.18E-03	2.30E-01	3.16E-05	0.00E+00	5.75E-01	1.71E-04	1.44E+00	0.00E+00	1.14E-08	5.74E-09	3.26E-04	2.86E-08	1.04E-01	0.00E+00	1.44E+00	5.55E-07	1.44E+00	1.54E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
WBSP1S-MW	9.10E-04	9.36E-02	3.02E-03	9.06E-02	0.00E+00	0.00E+00	5.63E-01	1.48E-06	4.20E-04	1.02E-03	0.00E+00	9.36E-06	1.34E-10	4.77E-09	5.18E-03	2.30E-01	3.16E-05	0.00E+00	5.75E-01	1.71E-04	1.44E+00	0.00E+00	1.14E-08	5.74E-09	3.26E-04	2.86E-08	1.04E-01	0.00E+00	1.44E+00	5.55E-07	1.44E+00	1.54E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
WBSP2S	1.82E-03	1.09E-01	3.60E-03	1.06E-01	0.00E+00	0.00E+00	6.22E-01	1.63E-06	6.08E-04	1.19E-03	0.00E+00	1.00E-05	1.49E-10	6.73E-09	5.88E-03	2.81E-01	3.39E-05	0.00E+00	6.66E-01	1.85E-04	1.66E+00	0.00E+00	1.33E-08	6.80E-09	3.90E-04	3.14E-08	1.21E-01	0.00E+00	1.66E+00	6.25E-07	1.66E+00	1.78E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
WBSP2S-MB	1.82E-03	1.09E-01	3.60E-03	1.06E-01	0.00E+00	0.00E+00	6.22E-01	1.63E-06	6.08E-04	1.19E-03	0.00E+00	1.00E-05	1.49E-10	6.73E-09	5.88E-03	2.81E-01	3.39E-05	0.00E+00	6.66E-01	1.85E-04	1.66E+00	0.00E+00	1.33E-08	6.80E-09	3.90E-04	3.14E-08	1.21E-01	0.00E+00	1.66E+00	6.25E-07	1.66E+00	1.78E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
WBSP2S-MW	1.82E-03	1.09E-01	3.60E-03	1.06E-01	0.00E+00	0.00E+00	6.22E-01	1.63E-06	6.08E-04	1.19E-03	0.00E+00	1.00E-05	1.49E-10	6.73E-09	5.88E-03	2.81E-01	3.39E-05	0.00E+00	6.66E-01	1.85E-04	1.66E+00	0.00E+00	1.33E-08	6.80E-09	3.90E-04	3.14E-08	1.21E-01	0.00E+00	1.66E+00	6.25E-07	1.66E+00	1.78E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
WBWP115S	2.11E-03	2.75E-01	1.04E-02	2.65E-01	0.00E+00	0.00E+00	1.17E+00	3.76E-06	7.79E-04	2.96E-03	0.00E+00	-4.57E-04	2.21E-10	8.27E-09	1.39E-02	5.73E-01	3.16E-05	0.00E+00	1.39E+00	6.34E-03	4.16E+00	0.00E+00	3.31E-08	1.64E-08	9.35E-04	1.94E-07	2.54E-01	0.00E+00	4.16E+00	1.81E-06	4.16E+00	4.42E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.09E+01
WBWP1S	2.11E-03	2.75E-01	1.04E-02	2.65E-01	0.00E+00	0.00E+00	1.17E+00	3.76E-06	7.79E-04	2.96E-03	0.00E+00	-4.57E-04	2.21E-10	8.27E-09	1.39E-02	5.73E-01	3.16E-05	0.00E+00	1.39E+00	6.34E-03	4.16E+00	0.00E+00	3.31E-08	1.64E-08	9.35E-04	1.94E-07	2.54E-01	0.00E+00	4.16E+00	1.81E-06	4.16E+00	4.42E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.09E+01
WBWP2S	3.08E-03	3.88E-01	2.13E-02	3.66E-01	0.00E+00	0.00E+00	1.68E+00	5.21E-06	1.22E-03	4.08E-03	0.00E+00	-1.45E-03	3.01E-10	1.32E-08	1.92E-02	8.11E-01	2.88E-05	0.00E+00	1.96E+00	1.94E-02	5.69E+00	0.00E+00	4.53E-08	2.25E-08	1.29E-03	5.20E-07	3.56E-01	0.00E+00	5.69E+00	2.31E-06	5.69E+00	6.04E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.18E+01
WBWP2SH	2.72E-03	3.21E-01	2.01E-02	3.01E-01	0.00E+00	0.00E+00	1.49E+00	4.38E-06	1.16E-03	3.35E-03	0.00E+00	-1.45E-03	2.76E-10	1.28E-08	1.60E-02	6.93E-01	2.88E-05	0.00E+00	1.68E+00	1.94E-02	4.65E+00	0.00E+00	3.71E-08	1.85E-08	1.07E-03	5.14E-07	3.04E-01	0.00E+00	4.65E+00	1.78E-06	4.65E+00	4.96E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	6.15E+01
WBWP2S-W	3.08E-03	3.88E-01	2.13E-02	3.67E-01	0.00E+00	0.00E+00	1.68E+00	5.22E-06	1.22E-03	4.09E-03	0.00E+00	-1.45E-03	3.01E-10	1.32E-08	1.92E-02	8.12E-01	2.88E-05	0.00E+00	1.97E+00	1.94E-02	5.70E+00	0.00E+00	4.54E-08	2.26E-08	1.30E-03	5.20E-07	3.57E-01	0.00E+00	5.70E+00	2.32E-06	5.70E+00	6.06E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	7.19E+01
WE100	6.85E-04	5.80E-02	1.84E-03	5.62E-02	3.08E-10	0.00E+00	3.14E-01	8.73E-07	3.54E-04	6.27E-04	0.00E+00	8.51E-07	5.39E-11	3.71E-09	3.00E-03	1.52E-01	0.00E+00	0.00E+00	3.61E-01	1.89E-05	8.86E-01	0.00E+00	6.99E-09	3.66E-09	2.10E-04	1.50E-08	6.46E-02	0.00E+00	8.86E-01	3.56E-07	8.86E-01	9.51E-01	6.46E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
WE100A	6.85E-04	5.79E-02	1.84E-03	5.61E-02	0.00E+00	0.00E+00	3.09E-01	8.73E-07	3.55E-04	6.32E-04	0.00E+00	0.00E+00	5.44E-11	3.71E-09	2.99E-03	1.52E-01	0.00E+00	0.00E+00	3.61E-01	7.57E-06	8.84E-01	0.00E+00	6.97E-09	3.67E-09	2.11E-04	5.39E-09	6.46E-02	0.00E+00	8.84E-01	3.55E-07	8.84E-01	9.48E-01	6.46E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
WE100G	7.43E-04	6.90E-02	2.31E-03	6.67E-02	3.65E-10	0.00E+00	4.24E-01	1.16E-06	3.64E-04	7.32E-04	0.00E+00	1.01E-06	1.07E-10	3.97E-09	3.63E-03	1.78E-01	0.00E+00	0.00E+00	5.07E-01	2.24E-05	1.05E+00	0.00E+00	8.10E-09	4.31E-09	2.40E-04	1.77E-08	8.43E-02	0.00E+00	1.05E+00	4.29E-07	1.05E+00	1.13E+00	8.43E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+01
WE102	5.28E-04	5.30E-02	1.46E-03	5.15E-02	0.00E+00	0.00E+00	2.46E-01	7.65E-07	2.45E-04	5.78E-04	0.00E+00	0.00E+00	4.24E-11	2.48E-09	2.67E-03	1.26E-01	0.00E+00	0.00E+00	3.03E-01	6.80E-06	8.09E-01	0.00E+00	6.35E-09	3.28E-09	1.89E-04	4.84E-09	5.43E-02	0.00E+00	8.09E-01	3.52E-07	8.09E-01	8.64E-01	5.43E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
WE102A	5.28E-04	5.30E-02	1.46E-03	5.15E-02	0.00E+00	0.00E+00	2.46E-01	7.65E-07	2.45E-04	5.78E-04	0.00E+00	0.00E+00	4.24E-11	2.48E-09	2.67E-03	1.26E-01	0.00E+00	0.00E+00	3.03E-01	6.80E-06	8.09E-01	0.00E+00	6.35E-09	3.28E-09	1.89E-04	4.84E-09	5.43E-02	0.00E+00	8.09E-01	3.52E-07	8.09E-01	8.64E-01	5.43E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
WE102G	5.87E-04	6.43E-02	1.94E-03	6.24E-02	3.35E-10	0.00E+00	3.61E-01	1.06E-06	2.54E-04	6.80E-04	0.00E+00	9.25E-07	9.54E-11	2.74E-09	3.32E-03	1.52E-01	0.00E+00	0.00E+00	4.49E-01	2.05E-05	9.75E-01	0.00E+00	7.50E-09	3.94E-09	2.19E-04	1.63E-08	7.41E-02	0.00E+00	9.75E-01	4.28E-07	9.75E-01	1.05E+00	7.41E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
WE104	8.53E-04	8.06E-02	3.64E-03	8.22E-02	0.00E+00	0.00E+00	3.28E-01	6.57E-07	3.00E-04	8.35E-04	0.00E+00	-1.82E-04	6.50E-11	2.18E-09	2.97E-03	9.95E-02	0.00E+00	0.00E+00	3.31E-01	2.20E-03	7.52E-01	0.00E+00	6.66E-09	3.07E-09	2.57E-04	5.10E-08	5.58E-02	0.00E+00	7.52E-01	2.16E-07	7.52E-01	8.21E-01	5.58E-02	0.00E+00	0.00E+00	0.00E+00	1.26E+01
WE106	6.85E-04	5.78E-02	1.83E-03	5.59E-02	0.00E+00	0.00E+00	3.08E-01	8.70E-07	3.55E-04	6.31E-04	0.00E+00	0.00E+00	5.38E-11	3.71E-09	2.98E-03	1.52E-01	0.00E+00	0.00E+00	3.60E-01	7.55E-06	8.82E-01	0.00E+00	6.96E-09	3.66E-09	2.10E-04	5.38E-09	6.44E-02	0.00E+00	8.82E-01	3.54E-07	8.82E-01	9.46E-01	6.44E-02	0.00E+00	0.00E+00	0.00E+00	1.33E+01
WE106A	6.87E-04	5.82E-02	1.84E-03	5.63E-02	0.00E+00	0.00E+00	3.09E-01	8.74E-07	3.55E-04	6.35E-04	0.00E+00	0.00E+00	5.40E-11	3.71E-09	3.00E-03	1.53E-01	0.00E+00	0.00E+00	3.61E-01	7.60E-06	8.88E-01	0.00E+00	7.01E-09	3.68E-09	2.12E-04	5.42E-09	6.47E-02	0.00E+00	8.88E-01	3.57E-07	8.88E-01	9.53E-01	6.47E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
WE106G	7.43E-04	6.88E-02	2.30E-03	6.65E-02	0.00E+00	0.00E+00	4.16E-01	1.16E-06	3.64E-04	7.37E-04	0.00E+00	0.00E+00	1.07E-10	3.97E-09	3.61E-03	1.78E-01	0.00E+00	0.00E+00	5.06E-01	8.96E-06	1.04E+00	0.00E+00	8.06E-09	4.31E-09	2.41E-04	6.38E-09	8.41E-02	0.00E+00	1.04E+00	4.27E-07	1.04E+00	1.13E+00	8.41E-02	0.00E+00	0.00E+00	0.00E+00	1.91E+01
WE122	2.06E-03	2.19E-01	8.84E-03	2.10E-01	0.00E+00	0.00E+00	5.65E-01	1.05E-06	7.78E-04	1.91E-03	0.00E+00	-6.28E-04	1.09E-10	7.91E-09	5.20E-03	2.81E-01	0.00E+00	0.00E+00	5.73E-01	8.31E-03	1.36E+00	0.00E+00	1.21E-08	6.37E-09	5.21E-04	2.15E-07	1.10E-01	0.00E+00	1.36E+00	2.54E-07	1.36E+00	1.47E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+01
WE122A	2.04E-03	2.17E-01	8.79E-03	2.08E-01	0.00E+00	0.00E+00	5.57E-01	1.01E-06	7.75E-04	1.88E-03	0.00E+00	-6.28E-04	1.08E-10	7.89E-09	5.07E-03	2.76E-01	0.00E+00	0.00E+00	5.61E-01	8.31E-03	1.32E+00	0.00E+00	1.17E-08	6.20E-09	5.11E-04	2.14E-07	1.08E-01	0.00E+00	1.32E+00	2.33E-07	1.32E+00	1.43E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.03E+01
WE123	3.10E-03	3.36E-01	1.54E-02	3.20E-01	0.00E+00	0.00E+00	8.50E-01	1.57E-06	1.17E-03	2.90E-03	0.00E+00	-1.20E-03	1.65E-10	1.19E-08	7.85E-03	4.23E-01	0.00E+00	0.00E+00	8.61E-01	1.59E-02	2.06E+00	0.00E+00	1.82E-08	9.60E-09	7.89E-04	4.05E-07	1.65E-01	0.00E+00	2.06E+00	3.53E-07	2.06E+00	2.22E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.12E+01
WE123A	3.07E-03	3.32E-01	1.53E-02	3.16E-01	0.00E+00	0.00E+00	8.39E-01	1.52E-06	1.17E-03	2.85E-03	0.00E+00	-1.20E-03	1.63E-10	1.19E-08	7.65E-03	4.16E-01	0.00E+00	0.00E+00	8.44E-01	1.59E-02	1.99E+00	0.00E+00	1.77E-08	9.36E-09	7.75E-04	4.04E-07	1.62E-01	0.00E+00	1.99E+00	3.21E-07	1.99E+00	2.16E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.06E+01
WFCC50NBSB	3.13E-03	4.36E-01	1.63E-02	3.73E-01	0.00E+00	0.00E+00	2.12E+00	4.07E-06	8.07E-04	3.38E-03	0.00E+00	-1.28E-03	2.98E-10	1.10E-08	1.47E-02	6.51E-01	2.55E-05	0.00E+00	1.70E+00	1.20E-02	3.66E+00	0.00E+00	3.04E-08	1.50E-08	9.96E-04	2.79E-07	2.98E-01	0.00E+00	3.66E+00	1.09E-06	3.66E+00	4.13E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	6.42E+01
WFCC50NBSW	2.90E-03	4.67E-01	1.73E-02	3.60E-01	0.00E+00	0.00E+00	1.71E+00	3.97E-06	8.95E-04	3.49E-03	0.00E+00	-1.28E-03	3.00E-10	1.27E-08	1.51E-02	6.71E-01	2.55E-05	0.00E+00	1.63E+00	1.13E-02	3.41E+00	0.00E+00	2.85E-08	1.47E-08	9.36E-04	2.86E-07	3.10E-01	0.00E+00	3.41E+00	1.08E-06	3.41E+00	3.87E+00	3.10E-01	0.00E+00	0.00E+00	0.00E+00	6.12E+01
WFS51BSB	6.01E-04	1.46E-01	9.65E-03	9.32E-02	0.00E+00	0.00E+00	6.57E-01	6.10E-07	2.74E-04	9.53E-04	0.00E+00	-2.54E-04	1.24E-10	2.35E-09	4.73E-03	7.27E-02	1.89E-05	0.00E+00	1.29E-01	3.89E-03	7.00E-01	0.00E+00	5.76E-09	2.19E-09	2.40E-04	1.31E-07	4.69E-02	0.00E+00	7.00E-01	3.62E-08	7.00E-01	7.55E-01	4.69E-02	0.00E+00	0.00E+00	0.00E+00	8.75E+00
WFS51BSW	5.85E-04	1.48E-01	9.67E-03	9.51E-02	0.00E+00	0.00E+00	6.50E-01	6.10E-07	2.81E-04	9.48E-04	0.00E+00	-2.54E-04	1.23E-10	2.36E-09	4.68E-03	7.32E-02	1.89E-05	0.00E+00	1.31E-01	4.12E-03	7.07E-01	0.00E+00	5.69E-09	2.18E-09	2.39E-04	1.32E-07	4.63E-02	0.00E+00	7.07E-01	3.15E-08	7.07E-01	7.49E-01	4.63E-02	0.00E+00	0.00E+00	0.00E+00	8.77E+00
WFSS81BSB	7.26E-04	1.60E-01	1.37E-02	1.40E-01	0.00E+00	0.00E+00	6.85E-01	6.68E-07	2.81E-04	1.24E-03	0.00E+00	-5.59E-04	1.26E-10	2.30E-09	5.18E-03	1.31E-01	1.84E-05	0.00E+00	1.70E-01	7.96E-03	6.71E-01	0.00E+00	5.58E-09	2.25E-09	2.89E-04	2.26E-07	5.01E-02	0.00E+00	6.71E-01	-1.07E-08	6.71E-01	7.33E-01	5.01E-02	0.00E+00	0.00E+00	0.00E+00	9.10E+00
WFSS81BSW	7.13E-04	1.63E-01	1.40E-02	1.42E-01	0.00E+00	0.00E+00	7.26E-01	6.87E-07	2.97E-04	1.28E-03	0.00E+00	-5.64E-04	1.27E-10	2.57E-09	4.79E-03	1.26E-01	1.84E-05	0.00E+00	1.55E-01	7.83E-03	6.60E-01	0.00E+00	5.71E-09	2.22E-09	2.88E-04	2.37E-07	4.89E-02	0.00E+00	6.60E-01	-4.32E-08	6.60E-01	7.23E-01	4.89E-02	0.00E+00	0.00E+00	0.00E+00	8.40E+00
WFSS81PSW	7.18E-04	1.60E-01	1.33E-02	1.40E-01	0.00E+00	0.00E+00	6.45E-01	5.54E-07	2.68E-04	1.23E-03	0.00E+00	-5.59E-04	1.25E-10	2.26E-09	5.42E-03	1.24E-01	1.84E-05	0.00E+00	1.61E-01	7.98E-03	6.97E-01	0.00E+00	5.94E-09	2.29E-09	2.91E-04	2.28E-07	4.95E-02	0.00E+00	6.97E-01	-2.71E-08	6.97E-01	7.66E-01	4.95E-02	0.00E+00	0.00E+00	0.00E+00	8.64E+00
WFSS82BSB	2.56E-03	3.02E-01	1.48E-02	2.94E-01	0.00E+00	0.00E+00	2.19E+00	4.39E-06	7.92E-04	2.92E-03	0.00E+00	-1.13E-03	3.26E-10	1.10E-08	1.43E-02	5.78E-01	1.84E-05	0.00E+00	1.65E+00	5.80E-03	3.18E+00	0.00E+00	2.55E-08	1.28E-08	8.04E-04	2.44E-07	2.93E-01	0.00E+00	3.18E+00	8.89E-07	3.18E+00	3.48E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.84E+01
WFSS82BSW	2.58E-03	3.03E-01	1.53E-02	2.91E-01	0.00E+00	0.00E+00	2.18E+00	4.32E-06	7.95E-04	2.92E-03	0.00E+00	-1.13E-03	3.24E-10	1.10E-08	1.43E-02	5.79E-01	1.84E-05	0.00E+00	1.65E+00	5.80E-03	3.17E+00	0.00E+00	2.55E-08	1.28E-08	8.08E-04	2.46E-07	2.93E-01	0.00E+00	3.17E+00	8.81E-07	3.17E+00	3.48E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.82E+01
WFSS82PSB	2.59E-03	3.23E-01	1.41E-02	3.16E-01	0.00E+00	0.00E+00	2.19E+00	4.42E-06	7.74E-04	2.99E-03	0.00E+00	-6.86E-04	3.28E-10	1.10E-08	1.15E-02	5.66E-01	1.84E-05	0.00E+00	1.62E+00	5.37E-03	2.90E+00	0.00E+00	2.27E-08	1.24E-08	8.41E-04	2.36E-07	2.92E-01	0.00E+00	2.90E+00	9.00E-07	2.90E+00	3.15E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	6.06E+01
WFSS82PSW	2.58E-03	3.03E-01	1.52E-02	2.95E-01	0.00E+00	0.00E+00	2.18E+00	4.32E-06	7.95E-04	2.93E-03	0.00E+00	-1.13E-03	3.24E-10	1.10E-08	1.43E-02	5.74E-01	1.84E-05	0.00E+00	1.65E+00	5.80E-03	3.15E+00	0.00E+00	2.53E-08	1.28E-08	7.99E-04	2.47E-07	2.93E-01	0.00E+00	3.15E+00	8.81E-07	3.15E+00	3.43E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.82E+01
WGCS113S	2.85E-04	7.97E-02	3.13E-02	3.99E-02	0.00E+00	0.00E+00	2.64E-01	1.85E-07	1.77E-04	3.62E-04	0.00E+00	-3.95E-03	7.68E-10	9.52E-10	2.86E-03	2.95E-02	0.00E+00	0.00E+00	1.61E-01	5.97E-02	2.60E-01	0.00E+00	2.47E-09	1.16E-09	1.06E-04	1.19E-06	3.52E-02	0.00E+00	2.60E-01	-5.34E-07	2.60E-01	3.11E-01	3.52E-02	0.00E+00	0.00E+00	0.00E+00	7.75E+00
WGCS115S	1.54E-04	9.09E-02	4.11E-02	4.78E-02	0.00E+00	0.00E+00	3.99E-01	3.36E-07	4.59E-05	2.97E-04	0.00E+00	-4.99E-03	8.58E-10	8.23E-10	1.43E-03	2.42E-02	1.18E-06	0.00E+00	5.93E-02	7.08E-02	1.91E-01	0.00E+00	1.50E-09	4.45E-10	7.22E-05	1.63E-06	7.73E-03	0.00E+00	1.91E-01	-6.28E-07	1.91E-01	1.57E-01	7.73E-03	0.00E+00	0.00E+00	0.00E+00	2.39E+00
WGCS116EA	4.47E-04	7.83E-02	1.53E-02	4.84E-02	0.00E+00	0.00E+00	2.97E-01	2.61E-07	2.02E-04	5.76E-04	0.00E+00	-1.24E-03	7.67E-10	8.14E-10	3.09E-03	4.38E-02	0.00E+00	0.00E+00	2.41E-01	5.71E-02	4.63E-01	0.00E+00	3.45E-09	1.47E-09	1.77E-04	6.15E-07	4.46E-02	0.00E+00	4.63E-01	-4.49E-07	4.63E-01	4.08E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	7.64E+00
WGCS116S	6.49E-04	7.93E-02	1.71E-02	5.08E-02	0.00E+00	0.00E+00	3.00E-01	3.84E-07	2.25E-04	5.67E-04	0.00E+00	-1.36E-03	9.26E-10	1.27E-09	3.42E-03	5.59E-02	1.87E-05	0.00E+00	2.53E-01	6.66E-02	6.57E-01	0.00E+00	4.91E-09	2.23E-09	1.92E-04	7.15E-07	4.85E-02	0.00E+00	6.57E-01	-5.13E-07	6.57E-01	6.68E-01	4.85E-02	0.00E+00	0.00E+00	0.00E+00	9.22E+00
WGCS216EA	5.56E-04	9.50E-02	1.26E-02	7.03E-02	0.00E+00	0.00E+00	5.61E-01	3.51E-07	2.39E-04	6.38E-04	0.00E+00	-9.62E-04	8.29E-10	1.16E-09	3.71E-03	5.29E-02	0.00E+00	0.00E+00	1.56E-01	5.17E-02	5.66E-01	0.00E+00	4.12E-09	1.95E-09	1.99E-04	5.13E-07	4.80E-02	0.00E+00	5.66E-01	-4.44E-07	5.66E-01	5.66E-01	4.80E-02	0.00E+00	0.00E+00	0.00E+00	8.82E+00
WGCS216UI	6.38E-04	1.24E-01	1.64E-02	9.22E-02	0.00E+00	0.00E+00	5.63E-01	3.30E-07	2.44E-04	8.46E-04	0.00E+00	-1.20E-03	8.62E-10	1.24E-09	4.40E-03	6.81E-02	0.00E+00	0.00E+00	1.24E-01	5.85E-02	7.14E-01	0.00E+00	5.99E-09	2.30E-09	2.07E-04	6.65E-07	4.73E-02	0.00E+00	7.14E-01	-4.91E-07	7.14E-01	7.41E-01	4.73E-02	0.00E+00	0.00E+00	0.00E+00	7.66E+00
WGCXS113SKB	3.23E-04	7.50E-02	2.90E-02	3.92E-02	0.00E+00	0.00E+00	2.40E-01	3.31E-07	1.62E-04	3.66E-04	0.00E+00	-3.98E-03	7.65E-10	1.06E-09	2.54E-03	3.22E-02	0.00E+00	0.00E+00	1.97E-01	6.03E-02	2.76E-01	0.00E+00	2.37E-09	1.11E-09	1.03E-04	1.21E-06	3.08E-02	0.00E+00	2.76E-01	-5.64E-07	2.76E-01	3.37E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	8.01E+00
WGCXS115SNB	1.12E-04	7.94E-02	3.58E-02	3.21E-02	0.00E+00	0.00E+00	1.22E-01	1.86E-07	4.58E-05	2.44E-04	0.00E+00	-4.94E-03	8.47E-10	8.11E-10	8.44E-04	2.41E-02	1.18E-06	0.00E+00	4.79E-02	7.03E-02	1.37E-01	0.00E+00	1.09E-09	4.46E-10	5.56E-05	1.57E-06	2.37E-03	0.00E+00	1.37E-01	-6.52E-07	1.37E-01	1.14E-01	2.37E-03	0.00E+00	0.00E+00	0.00E+00	1.44E+00
WGCXS116EAKB	3.95E-04	7.52E-02	1.39E-02	4.58E-02	0.00E+00	0.00E+00	2.77E-01	3.99E-07	1.72E-04	4.83E-04	0.00E+00	-1.25E-03	7.58E-10	1.01E-09	2.83E-03	4.21E-02	0.00E+00	0.00E+00	2.43E-01	5.79E-02	4.50E-01	0.00E+00	3.40E-09	1.41E-09	1.58E-04	6.34E-07	3.98E-02	0.00E+00	4.50E-01	-4.72E-07	4.50E-01	4.03E-01	3.98E-02	0.00E+00	0.00E+00	0.00E+00	7.86E+00
WGCXS116EANB	4.02E-04	7.51E-02	1.36E-02	4.58E-02	0.00E+00	0.00E+00	2.77E-01	4.11E-07	1.74E-04	4.82E-04	0.00E+00	-1.26E-03	7.58E-10	1.02E-09	2.81E-03	4.85E-02	0.00E+00	0.00E+00	2.43E-01	5.79E-02	4.58E-01	0.00E+00	3.45E-09	1.50E-09	1.58E-04	6.24E-07	4.03E-02	0.00E+00	4.58E-01	-4.39E-07	4.58E-01	4.12E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	7.90E+00
WGCXS116ISKB	1.92E-04	9.07E-02	2.77E-02	5.20E-02	0.00E+00	0.00E+00	5.00E-01	2.43E-07	1.60E-04	3.23E-04	0.00E+00	-4.73E-03	9.39E-10	1.09E-09	3.18E-03	2.73E-02	0.00E+00	0.00E+00	8.50E-02	6.06E-02	3.66E-01	0.00E+00	3.01E-09	1.18E-09	9.76E-05	1.27E-06	2.93E-02	0.00E+00	3.66E-01	-6.18E-07	3.66E-01	4.32E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	6.58E+00
WGCXS116ISNB	1.92E-04	8.94E-02	2.77E-02	5.09E-02	0.00E+00	0.00E+00	4.99E-01	2.43E-07	1.60E-04	3.23E-04	0.00E+00	-4.73E-03	9.39E-10	1.09E-09	3.18E-03	2.73E-02	0.00E+00	0.00E+00	8.50E-02	6.02E-02	3.66E-01	0.00E+00	3.01E-09	1.18E-09	9.80E-05	1.27E-06	2.90E-02	0.00E+00	3.66E-01	-6.16E-07	3.66E-01	4.30E-01	2.90E-02	0.00E+00	0.00E+00	0.00E+00	7.21E+00
WGCXS116SKB	6.14E-04	7.66E-02	1.60E-02	4.86E-02	0.00E+00	0.00E+00	2.93E-01	5.08E-07	1.95E-04	5.51E-04	0.00E+00	-1.38E-03	9.23E-10	1.33E-09	3.15E-03	5.07E-02	0.00E+00	0.00E+00	2.62E-01	6.73E-02	5.56E-01	0.00E+00	4.35E-09	1.70E-09	1.77E-04	7.38E-07	4.23E-02	0.00E+00	5.56E-01	-5.44E-07	5.56E-01	5.59E-01	4.23E-02	0.00E+00	0.00E+00	0.00E+00	8.79E+00
WGCXS116SNB	8.35E-04	1.03E-01	2.18E-02	7.23E-02	0.00E+00	0.00E+00	5.63E-01	3.12E-07	2.57E-04	6.72E-04	0.00E+00	-1.33E-03	9.34E-10	1.46E-09	3.91E-03	6.37E-02	0.00E+00	0.00E+00	1.44E-01	7.03E-02	6.68E-01	0.00E+00	5.22E-09	1.99E-09	2.22E-04	8.98E-07	4.59E-02	0.00E+00	6.68E-01	-5.49E-07	6.68E-01	6.82E-01	4.59E-02	0.00E+00	0.00E+00	0.00E+00	8.01E+00
WGCXS216EAKB	5.29E-04	8.26E-02	1.15E-02	5.21E-02	0.00E+00	0.00E+00	3.42E-01	2.96E-07	2.33E-04	5.82E-04	0.00E+00	-1.01E-03	8.19E-10	1.17E-09	3.21E-03	5.86E-02	0.00E+00	0.00E+00	2.20E-01	5.30E-02	5.24E-01	0.00E+00	3.88E-09	1.97E-09	1.82E-04	5.38E-07	4.85E-02	0.00E+00	5.24E-01	-4.47E-07	5.24E-01	5.50E-01	4.85E-02	0.00E+00	0.00E+00	0.00E+00	1.01E+01
WGCXS216EANB	5.29E-04	8.26E-02	1.15E-02	5.21E-02	0.00E+00	0.00E+00	3.42E-01	2.96E-07	2.34E-04	5.83E-04	0.00E+00	-1.02E-03	8.24E-10	1.17E-09	3.21E-03	5.86E-02	0.00E+00	0.00E+00	2.20E-01	5.30E-02	5.24E-01	0.00E+00	3.88E-09	1.97E-09	1.82E-04	5.56E-07	4.86E-02	0.00E+00	5.24E-01	-4.51E-07	5.24E-01	5.50E-01	4.86E-02	0.00E+00	0.00E+00	0.00E+00	1.01E+01
WGDS110USIG	2.98E-04	8.33E-02	2.17E-02	4.83E-02	0.00E+00	0.00E+00	2.58E-01	2.27E-07	1.67E-04	4.92E-04	0.00E+00	-1.47E-03	8.53E-10	9.83E-10	2.39E-03	5.12E-02	0.00E+00	0.00E+00	1.78E-01	6.11E-02	2.31E-01	0.00E+00	2.22E-09	1.17E-09	1.36E-04	7.65E-07	3.11E-02	0.00E+00	2.31E-01	-5.26E-07	2.31E-01	2.32E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	6.78E+00
WGDS110USKB	2.98E-04	8.33E-02	2.17E-02	4.83E-02	0.00E+00	0.00E+00	2.58E-01	2.27E-07	1.67E-04	4.92E-04	0.00E+00	-1.47E-03	8.53E-10	9.83E-10	2.39E-03	5.12E-02	0.00E+00	0.00E+00	1.78E-01	6.11E-02	2.31E-01	0.00E+00	2.22E-09	1.17E-09	1.36E-04	7.65E-07	3.11E-02	0.00E+00	2.31E-01	-5.26E-07	2.31E-01	2.32E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	6.78E+00
WGDS113S	1.00E-04	8.06E-02	3.32E-02	3.41E-02	0.00E+00	0.00E+00	1.53E-01	9.60E-08	3.76E-05	2.36E-04	0.00E+00	-4.41E-03	7.72E-10	5.97E-10	7.56E-04	1.26E-02	0.00E+00	0.00E+00	4.15E-02	6.57E-02	6.64E-02	0.00E+00	5.07E-10	2.43E-10	5.28E-05	1.34E-06	1.49E-04	0.00E+00	6.64E-02	-6.16E-07	6.64E-02	5.88E-02	1.49E-04	0.00E+00	0.00E+00	0.00E+00	1.33E+00
WGDS113SIG	1.25E-04	8.03E-02	3.39E-02	3.41E-02	0.00E+00	0.00E+00	1.59E-01	1.04E-07	4.81E-05	2.41E-04	0.00E+00	-4.47E-03	7.62E-10	7.13E-10	7.59E-04	1.32E-02	0.00E+00	0.00E+00	3.80E-02	7.04E-02	7.31E-02	0.00E+00	5.75E-10	2.44E-10	5.13E-05	1.38E-06	8.91E-04	0.00E+00	7.31E-02	-6.38E-07	7.31E-02	6.59E-02	8.91E-04	0.00E+00	0.00E+00	0.00E+00	1.58E+00
WGDS113SNB	1.44E-04	8.04E-02	3.41E-02	3.53E-02	0.00E+00	0.00E+00	2.85E-01	1.01E-07	4.81E-05	2.46E-04	0.00E+00	-4.47E-03	7.65E-10	7.13E-10	9.77E-04	1.34E-02	0.00E+00	0.00E+00	4.46E-02	7.06E-02	7.63E-02	0.00E+00	6.21E-10	2.48E-10	5.32E-05	1.38E-06	4.43E-03	0.00E+00	7.63E-02	-6.35E-07	7.63E-02	6.94E-02	4.43E-03	0.00E+00	0.00E+00	0.00E+00	1.75E+00
WGDS115S	5.41E-04	1.00E-01	4.18E-02	5.84E-02	0.00E+00	0.00E+00	3.44E-01	2.96E-07	7.23E-05	3.38E-04	0.00E+00	-5.07E-03	8.72E-10	9.66E-10	1.39E-03	5.18E-02	1.18E-06	0.00E+00	1.00E-01	7.78E-02	2.55E-01	0.00E+00	1.99E-09	1.03E-09	9.00E-05	1.66E-06	3.03E-02	0.00E+00	2.55E-01	-6.64E-07	2.55E-01	2.18E-01	3.03E-02	0.00E+00	0.00E+00	0.00E+00	4.58E+00
WGDS115SEG	5.41E-04	9.79E-02	4.16E-02	5.68E-02	0.00E+00	0.00E+00	3.63E-01	2.97E-07	7.22E-05	3.37E-04	0.00E+00	-5.05E-03	8.52E-10	9.64E-10	1.39E-03	5.40E-02	1.18E-06	0.00E+00	1.00E-01	7.76E-02	2.56E-01	0.00E+00	2.02E-09	1.05E-09	9.00E-05	1.66E-06	3.44E-02	0.00E+00	2.56E-01	-6.60E-07	2.56E-01	2.25E-01	3.44E-02	0.00E+00	0.00E+00	0.00E+00	4.84E+00
WGDS115SIG	5.41E-04	9.79E-02	4.16E-02	5.68E-02	0.00E+00	0.00E+00	3.63E-01	2.97E-07	7.22E-05	3.37E-04	0.00E+00	-5.05E-03	8.52E-10	9.64E-10	1.39E-03	5.40E-02	1.18E-06	0.00E+00	1.00E-01	7.76E-02	2.56E-01	0.00E+00	2.02E-09	1.05E-09	9.00E-05	1.66E-06	3.44E-02	0.00E+00	2.56E-01	-6.60E-07	2.56E-01	2.25E-01	3.44E-02	0.00E+00	0.00E+00	0.00E+00	4.84E+00

WGDS115SKB	5.41E-04	9.79E-02	4.16E-02	5.68E-02	0.00E+00	0.00E+00	3.63E-01	2.97E-07	7.22E-05	3.37E-04	0.00E+00	-5.05E-03	8.52E-10	9.64E-10	1.39E-03	5.40E-02	1.18E-06	0.00E+00	1.00E-01	7.76E-02	2.56E-01	0.00E+00	2.02E-09	1.05E-09	9.00E-05	1.66E-06	3.44E-02	0.00E+00	2.56E-01	-6.60E-07	2.56E-01	2.25E-01	3.44E-02	0.00E+00	0.00E+00	0.00E+00	4.84E+00
WGDS116EA	4.90E-04	8.50E-02	1.79E-02	4.97E-02	0.00E+00	0.00E+00	4.20E-01	2.19E-07	1.88E-04	5.75E-04	0.00E+00	-1.32E-03	7.92E-10	9.80E-10	3.11E-03	5.13E-02	0.00E+00	0.00E+00	1.77E-01	6.48E-02	5.08E-01	0.00E+00	3.92E-09	1.53E-09	1.79E-04	6.94E-07	4.42E-02	0.00E+00	5.08E-01	-4.70E-07	5.08E-01	4.54E-01	4.42E-02	0.00E+00	0.00E+00	0.00E+00	7.01E+00
WGDS116EAEG	4.90E-04	8.50E-02	1.77E-02	4.97E-02	0.00E+00	0.00E+00	4.34E-01	2.32E-07	1.88E-04	5.75E-04	0.00E+00	-1.31E-03	7.77E-10	9.81E-10	3.11E-03	5.18E-02	0.00E+00	0.00E+00	1.77E-01	6.47E-02	5.11E-01	0.00E+00	3.95E-09	1.51E-09	1.78E-04	6.91E-07	4.50E-02	0.00E+00	5.11E-01	-4.67E-07	5.11E-01	4.58E-01	4.50E-02	0.00E+00	0.00E+00	0.00E+00	7.01E+00
WGDS116EAIG	5.02E-04	8.55E-02	1.77E-02	4.97E-02	0.00E+00	0.00E+00	4.34E-01	2.29E-07	1.91E-04	5.75E-04	0.00E+00	-1.31E-03	7.77E-10	9.81E-10	3.03E-03	5.17E-02	0.00E+00	0.00E+00	1.74E-01	6.47E-02	5.13E-01	0.00E+00	3.96E-09	1.51E-09	1.78E-04	6.91E-07	4.50E-02	0.00E+00	5.13E-01	-4.67E-07	5.13E-01	4.58E-01	4.50E-02	0.00E+00	0.00E+00	0.00E+00	7.01E+00
WGDS116EAKB	5.02E-04	8.53E-02	1.77E-02	5.05E-02	0.00E+00	0.00E+00	4.34E-01	2.34E-07	1.91E-04	5.75E-04	0.00E+00	-1.31E-03	7.77E-10	9.81E-10	3.01E-03	5.17E-02	0.00E+00	0.00E+00	1.74E-01	6.47E-02	5.13E-01	0.00E+00	3.96E-09	1.51E-09	1.78E-04	6.91E-07	4.50E-02	0.00E+00	5.13E-01	-4.67E-07	5.13E-01	4.58E-01	4.50E-02	0.00E+00	0.00E+00	0.00E+00	7.01E+00
WGDS116EANB	4.91E-04	8.54E-02	1.79E-02	5.05E-02	0.00E+00	0.00E+00	4.36E-01	2.34E-07	1.91E-04	5.78E-04	0.00E+00	-1.31E-03	8.25E-10	9.93E-10	3.01E-03	5.11E-02	0.00E+00	0.00E+00	1.70E-01	6.50E-02	5.11E-01	0.00E+00	3.95E-09	1.50E-09	1.80E-04	6.95E-07	4.44E-02	0.00E+00	5.11E-01	-5.04E-07	5.11E-01	4.57E-01	4.44E-02	0.00E+00	0.00E+00	0.00E+00	6.55E+00
WGDS116S	6.85E-04	8.60E-02	1.84E-02	5.41E-02	0.00E+00	0.00E+00	4.51E-01	2.88E-07	2.27E-04	5.84E-04	0.00E+00	-1.40E-03	9.46E-10	1.40E-09	3.75E-03	5.77E-02	1.87E-05	0.00E+00	2.00E-01	6.84E-02	7.16E-01	0.00E+00	5.12E-09	2.31E-09	2.00E-04	7.44E-07	5.11E-02	0.00E+00	7.16E-01	-5.30E-07	7.16E-01	7.05E-01	5.11E-02	0.00E+00	0.00E+00	0.00E+00	8.19E+00
WGDS116SEG	6.99E-04	8.90E-02	1.84E-02	5.89E-02	0.00E+00	0.00E+00	5.03E-01	3.29E-07	2.15E-04	5.96E-04	0.00E+00	-1.44E-03	9.37E-10	1.34E-09	3.31E-03	5.67E-02	0.00E+00	0.00E+00	1.55E-01	7.13E-02	6.08E-01	0.00E+00	5.01E-09	1.95E-09	1.96E-04	7.62E-07	4.99E-02	0.00E+00	6.08E-01	-5.74E-07	6.08E-01	5.93E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	7.34E+00
WGDS116SIG	6.99E-04	8.88E-02	1.84E-02	5.89E-02	0.00E+00	0.00E+00	5.04E-01	3.27E-07	2.15E-04	5.90E-04	0.00E+00	-1.44E-03	9.37E-10	1.34E-09	3.31E-03	5.67E-02	0.00E+00	0.00E+00	1.56E-01	7.13E-02	6.09E-01	0.00E+00	5.06E-09	1.95E-09	1.95E-04	7.62E-07	5.03E-02	0.00E+00	6.09E-01	-5.75E-07	6.09E-01	5.95E-01	5.03E-02	0.00E+00	0.00E+00	0.00E+00	7.43E+00
WGDS116SKB	6.99E-04	8.90E-02	1.84E-02	5.89E-02	0.00E+00	0.00E+00	5.03E-01	3.29E-07	2.15E-04	5.96E-04	0.00E+00	-1.44E-03	9.37E-10	1.34E-09	3.31E-03	5.67E-02	0.00E+00	0.00E+00	1.55E-01	7.13E-02	6.08E-01	0.00E+00	5.01E-09	1.95E-09	1.96E-04	7.62E-07	4.99E-02	0.00E+00	6.08E-01	-5.74E-07	6.08E-01	5.93E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	7.34E+00
WGDS116SNB	6.99E-04	8.90E-02	1.84E-02	5.89E-02	0.00E+00	0.00E+00	5.03E-01	3.24E-07	2.15E-04	5.93E-04	0.00E+00	-1.44E-03	9.37E-10	1.34E-09	3.31E-03	5.61E-02	0.00E+00	0.00E+00	1.55E-01	7.07E-02	6.08E-01	0.00E+00	4.96E-09	1.95E-09	1.95E-04	7.62E-07	4.99E-02	0.00E+00	6.08E-01	-5.73E-07	6.08E-01	5.93E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	7.34E+00
WGDS216IS	1.20E-03	2.49E-01	3.78E-02	1.22E-01	0.00E+00	0.00E+00	4.89E-01	6.38E-07	5.42E-04	8.38E-04	0.00E+00	-5.58E-03	1.15E-09	6.33E-09	4.61E-03	4.85E-02	0.00E+00	0.00E+00	5.22E-02	8.04E-02	1.06E+00	0.00E+00	8.72E-09	2.64E-09	1.82E-04	1.66E-06	2.59E-02	0.00E+00	1.06E+00	-2.86E-07	1.06E+00	1.05E+00	2.59E-02	0.00E+00	0.00E+00	0.00E+00	8.23E+00
WGDS216ISEG	6.55E-04	2.49E-01	3.79E-02	1.23E-01	0.00E+00	0.00E+00	4.90E-01	6.38E-07	5.39E-04	8.46E-04	0.00E+00	-5.58E-03	1.14E-09	6.10E-09	4.51E-03	4.60E-02	0.00E+00	0.00E+00	5.22E-02	8.04E-02	1.05E+00	0.00E+00	8.62E-09	2.64E-09	1.97E-04	1.66E-06	2.64E-02	0.00E+00	1.05E+00	-4.30E-07	1.05E+00	1.03E+00	2.64E-02	0.00E+00	0.00E+00	0.00E+00	7.86E+00
WGDS216ISIG	6.55E-04	2.49E-01	3.79E-02	1.23E-01	0.00E+00	0.00E+00	4.90E-01	6.38E-07	5.39E-04	8.46E-04	0.00E+00	-5.58E-03	1.14E-09	6.10E-09	4.51E-03	4.60E-02	0.00E+00	0.00E+00	5.22E-02	8.04E-02	1.05E+00	0.00E+00	8.62E-09	2.64E-09	1.97E-04	1.66E-06	2.64E-02	0.00E+00	1.05E+00	-4.30E-07	1.05E+00	1.03E+00	2.64E-02	0.00E+00	0.00E+00	0.00E+00	7.86E+00
WGDS216ISKB	6.55E-04	2.49E-01	3.79E-02	1.23E-01	0.00E+00	0.00E+00	4.90E-01	6.38E-07	5.39E-04	8.46E-04	0.00E+00	-5.58E-03	1.14E-09	6.10E-09	4.51E-03	4.60E-02	0.00E+00	0.00E+00	5.22E-02	8.04E-02	1.05E+00	0.00E+00	8.62E-09	2.64E-09	1.97E-04	1.66E-06	2.64E-02	0.00E+00	1.05E+00	-4.30E-07	1.05E+00	1.03E+00	2.64E-02	0.00E+00	0.00E+00	0.00E+00	7.86E+00
WGDS216ISNB	6.48E-04	2.48E-01	3.79E-02	1.23E-01	0.00E+00	0.00E+00	4.90E-01	6.38E-07	5.02E-04	8.46E-04	0.00E+00	-5.58E-03	1.14E-09	5.86E-09	4.51E-03	4.60E-02	0.00E+00	0.00E+00	5.22E-02	8.04E-02	1.04E+00	0.00E+00	8.58E-09	2.64E-09	1.99E-04	1.66E-06	2.64E-02	0.00E+00	1.04E+00	-4.32E-07	1.04E+00	1.02E+00	2.64E-02	0.00E+00	0.00E+00	0.00E+00	7.86E+00
WGMS110US	2.93E-04	8.02E-02	1.97E-02	4.91E-02	0.00E+00	0.00E+00	2.49E-01	2.49E-07	1.74E-04	4.88E-04	0.00E+00	-1.49E-03	8.60E-10	9.58E-10	2.18E-03	4.64E-02	0.00E+00	0.00E+00	1.72E-01	6.08E-02	2.64E-01	0.00E+00	2.31E-09	1.20E-09	1.33E-04	7.27E-07	2.79E-02	0.00E+00	2.64E-01	-4.97E-07	2.64E-01	2.56E-01	2.79E-02	0.00E+00	0.00E+00	0.00E+00	7.10E+00
WGMS113S	2.96E-04	7.54E-02	2.89E-02	3.84E-02	0.00E+00	0.00E+00	2.50E-01	1.92E-07	1.78E-04	3.59E-04	0.00E+00	-3.93E-03	7.68E-10	8.74E-10	2.62E-03	2.82E-02	0.00E+00	0.00E+00	1.61E-01	5.84E-02	2.46E-01	0.00E+00	2.41E-09	1.13E-09	1.04E-04	1.15E-06	3.32E-02	0.00E+00	2.46E-01	-5.20E-07	2.46E-01	2.95E-01	3.32E-02	0.00E+00	0.00E+00	0.00E+00	7.27E+00
WGMS113SAS	2.92E-04	7.61E-02	2.87E-02	3.88E-02	0.00E+00	0.00E+00	2.47E-01	1.99E-07	1.79E-04	3.59E-04	0.00E+00	-3.86E-03	7.63E-10	8.69E-10	2.63E-03	2.89E-02	0.00E+00	0.00E+00	1.61E-01	5.81E-02	2.49E-01	0.00E+00	2.43E-09	1.17E-09	1.04E-04	1.15E-06	3.35E-02	0.00E+00	2.49E-01	-5.11E-07	2.49E-01	3.00E-01	3.35E-02	0.00E+00	0.00E+00	0.00E+00	7.36E+00
WGMS113SKB	2.93E-04	7.61E-02	2.87E-02	3.88E-02	0.00E+00	0.00E+00	2.47E-01	1.99E-07	1.79E-04	3.59E-04	0.00E+00	-3.86E-03	7.63E-10	8.69E-10	2.63E-03	2.89E-02	0.00E+00	0.00E+00	1.62E-01	5.81E-02	2.49E-01	0.00E+00	2.43E-09	1.17E-09	1.04E-04	1.15E-06	3.35E-02	0.00E+00	2.49E-01	-5.11E-07	2.49E-01	3.00E-01	3.35E-02	0.00E+00	0.00E+00	0.00E+00	7.36E+00
WGMS115S	4.27E-04	9.45E-02	4.27E-02	5.13E-02	0.00E+00	0.00E+00	3.51E-01	2.98E-07	7.18E-05	3.10E-04	0.00E+00	-5.11E-03	8.70E-10	9.57E-10	1.39E-03	4.74E-02	1.18E-06	0.00E+00	8.18E-02	7.81E-02	2.27E-01	0.00E+00	1.82E-09	5.50E-10	8.81E-05	1.69E-06	1.68E-02	0.00E+00	2.27E-01	-6.59E-07	2.27E-01	1.94E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	3.75E+00
WGMS115SKB	4.29E-04	9.45E-02	4.26E-02	5.12E-02	0.00E+00	0.00E+00	3.56E-01	2.99E-07	7.18E-05	3.10E-04	0.00E+00	-5.09E-03	8.63E-10	9.55E-10	1.39E-03	4.87E-02	1.18E-06	0.00E+00	8.18E-02	7.79E-02	2.29E-01	0.00E+00	1.85E-09	5.44E-10	8.81E-05	1.69E-06	1.68E-02	0.00E+00	2.29E-01	-6.56E-07	2.29E-01	1.97E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	3.75E+00
WGMS116EA	4.55E-04	8.16E-02	1.57E-02	5.07E-02	0.00E+00	0.00E+00	3.23E-01	3.12E-07	1.96E-04	5.78E-04	0.00E+00	-1.29E-03	7.84E-10	8.88E-10	2.68E-03	5.17E-02	0.00E+00	0.00E+00	2.34E-01	5.88E-02	5.12E-01	0.00E+00	3.86E-09	1.65E-09	1.78E-04	6.29E-07	4.49E-02	0.00E+00	5.12E-01	-4.53E-07	5.12E-01	4.35E-01	4.49E-02	0.00E+00	0.00E+00	0.00E+00	8.93E+00
WGMS116EAAS	4.64E-04	8.13E-02	1.61E-02	5.11E-02	0.00E+00	0.00E+00	3.23E-01	3.23E-07	1.96E-04	5.80E-04	0.00E+00	-1.32E-03	7.85E-10	9.27E-10	2.68E-03	5.24E-02	0.00E+00	0.00E+00	2.32E-01	5.92E-02	5.15E-01	0.00E+00	3.88E-09	1.65E-09	1.78E-04	6.73E-07	4.50E-02	0.00E+00	5.15E-01	-4.69E-07	5.15E-01	4.45E-01	4.50E-02	0.00E+00	0.00E+00	0.00E+00	8.94E+00
WGMS116EAKB	4.25E-04	7.90E-02	1.44E-02	4.77E-02	0.00E+00	0.00E+00	2.92E-01	2.65E-07	1.84E-04	5.76E-04	0.00E+00	-1.23E-03	7.63E-10	7.99E-10	2.67E-03	4.13E-02	0.00E+00	0.00E+00	2.04E-01	5.69E-02	4.85E-01	0.00E+00	3.66E-09	1.45E-09	1.70E-04	6.07E-07	3.95E-02	0.00E+00	4.85E-01	-4.56E-07	4.85E-01	4.19E-01	3.95E-02	0.00E+00	0.00E+00	0.00E+00	6.64E+00
WGMS116ISAS	3.53E-04	1.03E-01	2.91E-02	6.11E-02	0.00E+00	0.00E+00	5.21E-01	2.99E-07	1.65E-04	4.05E-04	0.00E+00	-4.86E-03	9.59E-10	1.12E-09	3.26E-03	5.46E-02	0.00E+00	0.00E+00	9.39E-02	6.23E-02	4.74E-01	0.00E+00	3.84E-09	1.74E-09	1.29E-04	1.27E-06	4.24E-02	0.00E+00	4.74E-01	-6.09E-07	4.74E-01	4.65E-01	4.24E-02	0.00E+00	0.00E+00	0.00E+00	8.04E+00
WGMS116ISKB	3.53E-04	1.03E-01	2.96E-02	6.11E-02	0.00E+00	0.00E+00	5.22E-01	2.99E-07	1.65E-04	4.05E-04	0.00E+00	-4.89E-03	9.59E-10	1.13E-09	3.26E-03	5.46E-02	0.00E+00	0.00E+00	9.39E-02	6.23E-02	4.74E-01	0.00E+00	3.84E-09	1.74E-09	1.29E-04	1.28E-06	4.24E-02	0.00E+00	4.74E-01	-6.13E-07	4.74E-01	4.65E-01	4.24E-02	0.00E+00	0.00E+00	0.00E+00	8.06E+00
WGMS116S	6.43E-04	8.01E-02	1.65E-02	5.89E-02	0.00E+00	0.00E+00	3.05E-01	5.30E-07	2.26E-04	6.06E-04	0.00E+00	-1.35E-03	9.26E-10	1.27E-09	3.49E-03	5.69E-02	1.87E-05	0.00E+00	2.53E-01	6.64E-02	6.85E-01	0.00E+00	5.06E-09	2.32E-09	2.00E-04	7.13E-07	4.87E-02	0.00E+00	6.85E-01	-5.09E-07	6.85E-01	7.03E-01	4.87E-02	0.00E+00	0.00E+00	0.00E+00	9.02E+00
WGMS116SKB	6.42E-04	8.00E-02	1.65E-02	5.83E-02	0.00E+00	0.00E+00	3.05E-01	4.99E-07	2.25E-04	6.05E-04	0.00E+00	-1.35E-03	9.26E-10	1.27E-09	3.49E-03	5.22E-02	0.00E+00	0.00E+00	2.52E-01	6.64E-02	6.01E-01	0.00E+00	4.62E-09	1.92E-09	1.97E-04	7.12E-07	4.84E-02	0.00E+00	6.01E-01	-5.22E-07	6.01E-01	6.26E-01	4.84E-02	0.00E+00	0.00E+00	0.00E+00	9.02E+00
WGMS213S	1.17E-04	1.27E-01	4.93E-02	5.34E-02	0.00E+00	0.00E+00	3.05E-01	1.34E-07	5.74E-05	4.00E-04	0.00E+00	-6.50E-03	1.42E-09	7.99E-10	5.50E-04	1.96E-02	0.00E+00	0.00E+00	2.50E-02	9.03E-02	4.80E-02	0.00E+00	7.03E-10	3.44E-10	8.20E-05	2.02E-06	-1.39E-03	0.00E+00	4.80E-02	-9.48E-07	4.80E-02	7.18E-02	-1.39E-03	0.00E+00	0.00E+00	0.00E+00	1.34E+00
WGMS216EA	5.46E-04	9.31E-02	1.35E-02	6.24E-02	0.00E+00	0.00E+00	5.10E-01	3.62E-07	2.29E-04	6.36E-04	0.00E+00	-1.03E-03	8.46E-10	1.19E-09	3.33E-03	6.17E-02	0.00E+00	0.00E+00	1.38E-01	5.58E-02	5.86E-01	0.00E+00	4.52E-09	2.12E-09	1.97E-04	5.38E-07	4.62E-02	0.00E+00	5.86E-01	-4.81E-07	5.86E-01	5.64E-01	4.62E-02	0.00E+00	0.00E+00	0.00E+00	7.91E+00
WGMS216EAAS	5.50E-04	9.29E-02	1.40E-02	6.24E-02	0.00E+00	0.00E+00	5.16E-01	3.80E-07	2.28E-04	6.36E-04	0.00E+00	-1.06E-03	8.44E-10	1.19E-09	3.37E-03	6.22E-02	0.00E+00	0.00E+00	1.38E-01	5.57E-02	5.87E-01	0.00E+00	4.56E-09	2.10E-09	1.97E-04	5.77E-07	4.66E-02	0.00E+00	5.87E-01	-4.91E-07	5.87E-01	5.72E-01	4.66E-02	0.00E+00	0.00E+00	0.00E+00	7.77E+00
WGMS216EAKB	5.50E-04	9.31E-02	1.40E-02	6.24E-02	0.00E+00	0.00E+00	5.14E-01	3.80E-07	2.28E-04	6.36E-04	0.00E+00	-1.06E-03	8.44E-10	1.20E-09	3.35E-03	6.22E-02	0.00E+00	0.00E+00	1.38E-01	5.66E-02	5.87E-01	0.00E+00	4.56E-09	2.10E-09	1.98E-04	5.77E-07	4.62E-02	0.00E+00	5.87E-01	-4.92E-07	5.87E-01	5.72E-01	4.62E-02	0.00E+00	0.00E+00	0.00E+00	7.77E+00
WGMS216IS	5.01E-04	2.06E-01	3.91E-02	1.18E-01	0.00E+00	0.00E+00	4.57E-01	4.02E-07	2.38E-04	7.07E-04	0.00E+00	-5.44E-03	1.10E-09	1.98E-09	4.47E-03	4.23E-02	0.00E+00	0.00E+00	8.20E-02	7.80E-02	8.97E-01	0.00E+00	7.61E-09	2.05E-09	1.62E-04	1.62E-06	2.59E-02	0.00E+00	8.97E-01	-5.99E-07	8.97E-01	8.88E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	6.08E+00
WGMS216ISKB	5.11E-04	2.06E-01	3.89E-02	1.20E-01	0.00E+00	0.00E+00	4.76E-01	4.12E-07	2.41E-04	7.20E-04	0.00E+00	-5.41E-03	1.08E-09	2.21E-09	4.53E-03	4.42E-02	0.00E+00	0.00E+00	8.08E-02	7.78E-02	9.26E-01	0.00E+00	7.97E-09	2.15E-09	1.89E-04	1.62E-06	3.16E-02	0.00E+00	9.26E-01	-6.05E-07	9.26E-01	9.03E-01	3.16E-02	0.00E+00	0.00E+00	0.00E+00	6.41E+00
WGMS216UI	4.91E-04	1.13E-01	1.59E-02	7.61E-02	0.00E+00	0.00E+00	5.42E-01	3.40E-07	2.18E-04	7.54E-04	0.00E+00	-1.24E-03	8.61E-10	1.20E-09	4.07E-03	6.95E-02	0.00E+00	0.00E+00	1.17E-01	6.07E-02	6.94E-01	0.00E+00	5.42E-09	2.32E-09	2.15E-04	6.53E-07	4.49E-02	0.00E+00	6.94E-01	-5.13E-07	6.94E-01	6.59E-01	4.49E-02	0.00E+00	0.00E+00	0.00E+00	7.28E+00
WH105853E	3.32E-04	3.56E-02	8.73E-04	3.47E-02	0.00E+00	0.00E+00	1.41E-01	2.49E-07	2.07E-04	3.18E-04	0.00E+00	0.00E+00	2.70E-11	2.11E-09	9.60E-04	6.20E-02	0.00E+00	0.00E+00	1.34E-01	3.29E-06	2.41E-01	0.00E+00	2.04E-09	1.16E-09	9.17E-05	2.34E-09	2.48E-02	0.00E+00	2.41E-01	4.07E-08	2.41E-01	2.66E-01	2.48E-02	0.00E+00	0.00E+00	0.00E+00	4.90E+00
WH105853F	3.68E-04	4.34E-02	1.26E-03	4.22E-02	0.00E+00	0.00E+00	2.57E-01	4.82E-07	2.14E-04	3.94E-04	0.00E+00	0.00E+00	4.64E-11	2.36E-09	1.57E-03	8.27E-02	0.00E+00	0.00E+00	2.11E-01	4.86E-06	3.67E-01	0.00E+00	2.98E-09	1.57E-09	1.13E-04	3.46E-09	3.80E-02	0.00E+00	3.67E-01	6.97E-08	3.67E-01	4.05E-01	3.80E-02	0.00E+00	0.00E+00	0.00E+00	7.64E+00
WH105854E	6.83E-04	1.02E-01	2.53E-03	7.59E-02	0.00E+00	0.00E+00	4.00E-01	7.79E-07	3.39E-04	7.74E-04	0.00E+00	-1.82E-04	7.25E-11	3.68E-09	3.06E-03	1.63E-01	0.00E+00	0.00E+00	3.81E-01	4.00E-05	7.03E-01	0.00E+00	6.16E-09	3.41E-09	2.10E-04	1.83E-08	7.05E-02	0.00E+00	7.03E-01	2.73E-07	7.03E-01	7.88E-01	7.05E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH105952E	7.51E-04	1.02E-01	2.53E-03	7.80E-02	0.00E+00	0.00E+00	4.18E-01	8.13E-07	3.39E-04	7.75E-04	0.00E+00	-1.82E-04	7.27E-11	3.72E-09	3.07E-03	1.65E-01	0.00E+00	0.00E+00	3.82E-01	4.00E-05	7.03E-01	0.00E+00	6.16E-09	3.41E-09	2.12E-04	1.83E-08	7.07E-02	0.00E+00	7.03E-01	2.96E-07	7.03E-01	7.89E-01	7.07E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH105952F	5.41E-04	4.64E-02	2.10E-03	4.47E-02	0.00E+00	0.00E+00	2.14E-01	5.36E-07	2.50E-04	4.52E-04	0.00E+00	-1.82E-04	3.58E-11	2.67E-09	1.88E-03	9.18E-02	0.00E+00	0.00E+00	1.96E-01	9.12E-06	4.75E-01	0.00E+00	4.04E-09	2.27E-09	1.43E-04	1.72E-08	3.91E-02	0.00E+00	4.75E-01	1.48E-07	4.75E-01	5.33E-01	3.91E-02	0.00E+00	0.00E+00	0.00E+00	7.29E+00
WH105962E	5.62E-04	6.92E-02	2.44E-03	7.76E-02	0.00E+00	0.00E+00	2.37E-01	4.27E-07	3.70E-04	5.09E-04	0.00E+00	-1.96E-04	3.85E-11	3.55E-09	1.52E-03	8.50E-02	0.00E+00	0.00E+00	1.82E-01	1.97E-04	4.33E-01	0.00E+00	3.38E-09	1.94E-09	1.51E-04	8.52E-09	3.54E-02	0.00E+00	4.33E-01	9.40E-08	4.33E-01	4.79E-01	3.54E-02	0.00E+00	0.00E+00	0.00E+00	7.06E+00
WH106007E	1.13E-03	1.45E-01	3.26E-03	1.42E-01	0.00E+00	0.00E+00	1.95E+00	1.67E-06	6.45E-04	1.03E-03	0.00E+00	1.69E-02	1.34E-08	8.38E-09	4.40E-03	2.40E-01	0.00E+00	0.00E+00	5.66E-01	3.15E-05	1.19E+00	0.00E+00	9.40E-09	5.08E-09	3.25E-04	2.02E-08	1.02E-01	0.00E+00	1.19E+00	3.72E-07	1.19E+00	1.29E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
WH106253E	4.69E-04	8.06E-02	1.95E-03	8.25E-02	0.00E+00	0.00E+00	2.36E-01	4.52E-07	3.50E-04	6.46E-04	0.00E+00	-1.94E-04	4.90E-11	2.63E-09	1.91E-03	9.02E-02	0.00E+00	0.00E+00	2.72E-01	5.77E-04	4.74E-01	0.00E+00	4.13E-09	2.21E-09	1.94E-04	4.99E-09	4.85E-02	0.00E+00	4.74E-01	1.00E-07	4.74E-01	5.38E-01	4.85E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
WH106257F	4.86E-04	8.50E-02	2.59E-03	8.53E-02	0.00E+00	0.00E+00	2.69E-01	4.61E-07	3.66E-04	6.65E-04	0.00E+00	-1.94E-04	4.97E-11	2.79E-09	1.93E-03	8.93E-02	0.00E+00	0.00E+00	2.83E-01	5.78E-04	4.65E-01	0.00E+00	3.97E-09	2.35E-09	1.93E-04	7.74E-09	5.00E-02	0.00E+00	4.65E-01	1.08E-07	4.65E-01	5.28E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH106453E	1.02E-03	8.64E-02	2.50E-03	8.39E-02	0.00E+00	0.00E+00	3.96E-01	6.50E-07	6.80E-04	7.73E-04	0.00E+00	0.00E+00	7.74E-11	6.97E-09	2.32E-03	1.77E-01	0.00E+00	0.00E+00	3.73E-01	7.72E-06	5.68E-01	0.00E+00	4.82E-09	2.92E-09	2.32E-04	5.50E-09	6.86E-02	0.00E+00	5.68E-01	4.85E-08	5.68E-01	6.36E-01	6.86E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
WH106453F	1.06E-03	9.51E-02	2.93E-03	9.22E-02	0.00E+00	0.00E+00	5.24E-01	9.06E-07	6.88E-04	8.57E-04	0.00E+00	0.00E+00	9.86E-11	7.25E-09	3.00E-03	1.99E-01	0.00E+00	0.00E+00	4.59E-01	9.45E-06	7.07E-01	0.00E+00	5.85E-09	3.38E-09	2.56E-04	6.73E-09	8.31E-02	0.00E+00	7.07E-01	8.04E-08	7.07E-01	7.90E-01	8.31E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
WH106457E	1.08E-03	8.79E-02	2.64E-03	8.52E-02	0.00E+00	0.00E+00	4.22E-01	6.98E-07	7.21E-04	7.91E-04	0.00E+00	0.00E+00	8.20E-11	7.41E-09	2.44E-03	1.87E-01	0.00E+00	0.00E+00	3.97E-01	7.97E-06	5.98E-01	0.00E+00	5.05E-09	3.07E-09	2.40E-04	5.68E-09	7.26E-02	0.00E+00	5.98E-01	5.21E-08	5.98E-01	6.70E-01	7.26E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
WH106457F	1.01E-03	9.24E-02	2.63E-03	9.26E-02	0.00E+00	0.00E+00	4.36E-01	8.41E-07	7.15E-04	8.55E-04	0.00E+00	-2.05E-04	7.32E-11	7.28E-09	2.77E-03	1.96E-01	0.00E+00	0.00E+00	4.20E-01	2.85E-03	7.15E-01	0.00E+00	6.21E-09	3.50E-09	2.52E-04	1.33E-08	6.98E-02	0.00E+00	7.15E-01	2.11E-07	7.15E-01	8.19E-01	6.98E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
WH11580100C	6.72E-04	1.10E-01	2.16E-02	7.62E-02	0.00E+00	0.00E+00	4.89E-01	8.44E-07	3.10E-04	6.69E-04	0.00E+00	-2.41E-03	9.45E-11	3.85E-09	2.69E-03	1.58E-01	0.00E+00	0.00E+00	3.73E-01	3.33E-02	6.62E-01	0.00E+00	5.17E-09	2.76E-09	1.93E-04	8.28E-07	6.80E-02	0.00E+00	6.62E-01	-1.89E-07	6.62E-01	6.92E-01	6.80E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH11580300A	1.11E-04	4.15E-02	7.77E-03	3.37E-02	0.00E+00	0.00E+00	1.13E-01	2.01E-07	4.52E-05	2.85E-04	0.00E+00	-9.00E-04	2.04E-11	5.02E-10	8.22E-04	3.17E-02	0.00E+00	0.00E+00	8.44E-02	1.19E-02	1.82E-01	0.00E+00	1.55E-09	7.39E-10	6.98E-05	2.90E-07	1.47E-02	0.00E+00	1.82E-01	-6.64E-08	1.82E-01	1.97E-01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	2.96E+00
WH11580300B	3.74E-04	4.10E-02	6.84E-03	3.68E-02	0.00E+00	0.00E+00	1.84E-01	4.16E-07	1.91E-04	3.47E-04	0.00E+00	-8.10E-04	3.29E-11	2.10E-09	1.18E-03	7.72E-02	0.00E+00	0.00E+00	1.69E-01	1.07E-02	3.37E-01	0.00E+00	2.45E-09	1.52E-09	9.61E-05	2.36E-07	3.10E-02	0.00E+00	3.37E-01	-4.79E-09	3.37E-01	3.41E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	6.28E+00
WH11580300C	3.83E-04	7.28E-02	1.91E-02	5.37E-02	0.00E+00	0.00E+00	2.76E-01	5.13E-07	2.21E-04	4.77E-04	0.00E+00	-2.21E-03	4.95E-11	2.48E-09	1.72E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	2.91E-02	3.87E-01	0.00E+00	3.15E-09	1.61E-09	1.31E-04	7.10E-07	3.72E-02	0.00E+00	3.87E-01	-1.82E-07	3.87E-01	4.24E-01	3.72E-02	0.00E+00	0.00E+00	0.00E+00	8.02E+00
WH11580305A	3.66E-04	4.10E-02	6.77E-03	3.62E-02	0.00E+00	0.00E+00	1.61E-01	3.71E-07	1.86E-04	3.44E-04	0.00E+00	-8.10E-04	3.28E-11	1.95E-09	1.16E-03	7.56E-02	0.00E+00	0.00E+00	1.53E-01	1.07E-02	3.32E-01	0.00E+00	2.40E-09	1.42E-09	9.57E-05	2.36E-07	2.93E-02	0.00E+00	3.32E-01	-6.55E-09	3.32E-01	3.38E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	5.85E+00
WH11580305B	3.74E-04	4.10E-02	6.84E-03	3.68E-02	0.00E+00	0.00E+00	1.84E-01	4.16E-07	1.91E-04	3.47E-04	0.00E+00	-8.10E-04	3.29E-11	2.10E-09	1.18E-03	7.72E-02	0.00E+00	0.00E+00	1.69E-01	1.07E-02	3.37E-01	0.00E+00	2.45E-09	1.52E-09	9.61E-05	2.36E-07	3.10E-02	0.00E+00	3.37E-01	-4.79E-09	3.37E-01	3.41E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	6.28E+00
WH11580305C	3.68E-04	4.13E-02	2.04E-02	3.72E-02	0.00E+00	0.00E+00	1.83E-01	4.05E-07	1.90E-04	3.47E-04	0.00E+00	-2.28E-03	3.29E-11	2.13E-09	1.17E-03	7.49E-02	0.00E+00	0.00E+00	1.70E-01	3.25E-02	3.36E-01	0.00E+00	2.45E-09	1.52E-09	9.60E-05	7.81E-07	3.09E-02	0.00E+00	3.36E-01	-1.90E-07	3.36E-01	3.39E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.32E+00
WH11580306C	3.68E-04	4.13E-02	2.04E-02	3.72E-02	0.00E+00	0.00E+00	1.83E-01	4.05E-07	1.90E-04	3.47E-04	0.00E+00	-2.28E-03	3.29E-11	2.13E-09	1.17E-03	7.49E-02	0.00E+00	0.00E+00	1.70E-01	3.25E-02	3.36E-01	0.00E+00	2.45E-09	1.52E-09	9.60E-05	7.81E-07	3.09E-02	0.00E+00	3.36E-01	-1.90E-07	3.36E-01	3.39E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.32E+00
WH11585300A	3.72E-04	4.57E-02	6.79E-03	4.13E-02	0.00E+00	0.00E+00	1.71E-01	4.03E-07	2.03E-04	3.80E-04	0.00E+00	-8.10E-04	3.38E-11	1.72E-09	1.47E-03	8.15E-02	0.00E+00	0.00E+00	1.56E-01	1.09E-02	4.10E-01	0.00E+00	3.19E-09	1.46E-09	1.33E-04	2.38E-07	3.13E-02	0.00E+00	4.10E-01	-1.11E-08	4.10E-01	4.39E-01	3.13E-02	0.00E+00	0.00E+00	0.00E+00	6.56E+00
WH11585300B	3.69E-04	4.09E-02	6.86E-03	3.69E-02	0.00E+00	0.00E+00	1.85E-01	4.11E-07	1.88E-04	3.46E-04	0.00E+00	-8.10E-04	3.29E-11	1.88E-09	1.19E-03	7.65E-02	0.00E+00	0.00E+00	1.69E-01	1.07E-02	3.42E-01	0.00E+00	2.46E-09	1.54E-09	9.61E-05	2.36E-07	3.12E-02	0.00E+00	3.42E-01	-9.89E-09	3.42E-01	3.47E-01	3.12E-02	0.00E+00	0.00E+00	0.00E+00	6.31E+00
WH11585300C	3.83E-04	7.28E-02	1.91E-02	5.37E-02	0.00E+00	0.00E+00	2.76E-01	5.13E-07	2.21E-04	4.77E-04	0.00E+00	-2.21E-03	4.95E-11	2.48E-09	1.72E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	2.91E-02	3.87E-01	0.00E+00	3.15E-09	1.61E-09	1.31E-04	7.10E-07	3.72E-02	0.00E+00	3.87E-01	-1.82E-07	3.87E-01	4.24E-01	3.72E-02	0.00E+00	0.00E+00	0.00E+00	8.02E+00
WH11585305A	3.72E-04	4.57E-02	6.79E-03	4.13E-02	0.00E+00	0.00E+00	1.71E-01	4.03E-07	2.03E-04	3.80E-04	0.00E+00	-8.10E-04	3.38E-11	1.72E-09	1.47E-03	8.15E-02	0.00E+00	0.00E+00	1.56E-01	1.09E-02	4.10E-01	0.00E+00	3.19E-09	1.46E-09	1.33E-04	2.38E-07	3.13E-02	0.00E+00	4.10E-01	-1.11E-08	4.10E-01	4.39E-01	3.13E-02	0.00E+00	0.00E+00	0.00E+00	6.56E+00
WH11585305B	3.69E-04	4.09E-02	6.86E-03	3.69E-02	0.00E+00	0.00E+00	1.85E-01	4.11E-07	1.88E-04	3.46E-04	0.00E+00	-8.10E-04	3.29E-11	1.88E-09	1.19E-03	7.65E-02	0.00E+00	0.00E+00	1.69E-01	1.07E-02	3.42E-01	0.00E+00	2.46E-09	1.54E-09	9.61E-05	2.36E-07	3.12E-02	0.00E+00	3.42E-01	-9.89E-09	3.42E-01	3.47E-01	3.12E-02	0.00E+00	0.00E+00	0.00E+00	6.31E+00
WH11585305C	3.63E-04	4.12E-02	2.04E-02	3.74E-02	0.00E+00	0.00E+00	1.85E-01	4.02E-07	1.88E-04	3.46E-04	0.00E+00	-2.28E-03	3.29E-11	1.92E-09	1.18E-03	7.45E-02	0.00E+00	0.00E+00	1.70E-01	3.25E-02	3.40E-01	0.00E+00	2.45E-09	1.54E-09	9.60E-05	7.81E-07	3.11E-02	0.00E+00	3.40E-01	-1.90E-07	3.40E-01	3.46E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	6.34E+00
WH11585306A	3.72E-04	4.57E-02	6.79E-03	4.13E-02	0.00E+00	0.00E+00	1.71E-01	4.03E-07	2.03E-04	3.80E-04	0.00E+00	-8.10E-04	3.38E-11	1.72E-09	1.47E-03	8.15E-02	0.00E+00	0.00E+00	1.56E-01	1.09E-02	4.10E-01	0.00E+00	3.19E-09	1.46E-09	1.33E-04	2.38E-07	3.13E-02	0.00E+00	4.10E-01	-1.11E-08	4.10E-01	4.39E-01	3.13E-02	0.00E+00	0.00E+00	0.00E+00	6.56E+00
WH11585400A	4.63E-04	3.89E-02	1.22E-02	3.68E-02	0.00E+00	0.00E+00	1.85E-01	4.30E-07	2.25E-04	3.43E-04	0.00E+00	-1.36E-03	3.46E-11	2.23E-09	1.33E-03	7.99E-02	0.00E+00	0.00E+00	1.65E-01	1.65E-02	3.43E-01	0.00E+00	2.70E-09	1.83E-09	9.38E-05	4.02E-07	3.22E-02	0.00E+00	3.43E-01	2.47E-08	3.43E-01	3.60E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	6.24E+00
WH11585400C	4.61E-04	3.88E-02	2.35E-02	3.80E-02	0.00E+00	0.00E+00	1.94E-01	4.54E-07	2.25E-04	3.46E-04	0.00E+00	-2.58E-03	3.46E-11	2.32E-09	1.33E-03	7.96E-02	0.00E+00	0.00E+00	1.74E-01	3.57E-02	3.42E-01	0.00E+00	2.71E-09	1.83E-09	9.41E-05	8.33E-07	3.26E-02	0.00E+00	3.42E-01	-1.74E-07	3.42E-01	3.61E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	6.37E+00
WH11592200A	5.21E-04	3.91E-02	1.24E-02	3.87E-02	0.00E+00	0.00E+00	1.84E-01	4.60E-07	2.25E-04	3.48E-04	0.00E+00	-1.41E-03	3.46E-11	2.47E-09	1.32E-03	7.98E-02	0.00E+00	0.00E+00	1.63E-01	1.65E-02	3.40E-01	0.00E+00	2.68E-09	1.82E-09	9.44E-05	4.05E-07	3.22E-02	0.00E+00	3.40E-01	6.91E-08	3.40E-01	3.60E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	6.25E+00
WH11592200B	5.21E-04	3.91E-02	1.25E-02	3.88E-02	0.00E+00	0.00E+00	1.94E-01	4.92E-07	2.26E-04	3.49E-04	0.00E+00	-1.41E-03	3.46E-11	2.54E-09	1.33E-03	8.02E-02	0.00E+00	0.00E+00	1.72E-01	1.63E-02	3.40E-01	0.00E+00	2.69E-09	1.83E-09	9.44E-05	4.05E-07	3.29E-02	0.00E+00	3.40E-01	6.87E-08	3.40E-01	3.60E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	6.42E+00
WH11592200C	5.16E-04	3.91E-02	2.38E-02	3.98E-02	0.00E+00	0.00E+00	1.94E-01	4.86E-07	2.26E-04	3.53E-04	0.00E+00	-2.60E-03	3.46E-11	2.55E-09	1.32E-03	7.95E-02	0.00E+00	0.00E+00	1.72E-01	3.59E-02	3.39E-01	0.00E+00	2.69E-09	1.82E-09	9.47E-05	8.52E-07	3.25E-02	0.00E+00	3.39E-01	-1.75E-07	3.39E-01	3.58E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.39E+00
WH11592205A	5.21E-04	3.91E-02	1.24E-02	3.87E-02	0.00E+00	0.00E+00	1.84E-01	4.60E-07	2.25E-04	3.48E-04	0.00E+00	-1.41E-03	3.46E-11	2.47E-09	1.32E-03	7.98E-02	0.00E+00	0.00E+00	1.63E-01	1.65E-02	3.40E-01	0.00E+00	2.68E-09	1.82E-09	9.44E-05	4.05E-07	3.22E-02	0.00E+00	3.40E-01	6.91E-08	3.40E-01	3.60E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	6.25E+00
WH11592205B	5.21E-04	3.91E-02	1.25E-02	3.88E-02	0.00E+00	0.00E+00	1.94E-01	4.92E-07	2.26E-04	3.49E-04	0.00E+00	-1.41E-03	3.46E-11	2.54E-09	1.33E-03	8.02E-02	0.00E+00	0.00E+00	1.72E-01	1.63E-02	3.40E-01	0.00E+00	2.69E-09	1.83E-09	9.44E-05	4.05E-07	3.29E-02	0.00E+00	3.40E-01	6.87E-08	3.40E-01	3.60E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	6.42E+00
WH11592205C	5.16E-04	3.91E-02	2.38E-02	3.98E-02	0.00E+00	0.00E+00	1.94E-01	4.86E-07	2.26E-04	3.53E-04	0.00E+00	-2.60E-03	3.46E-11	2.55E-09	1.32E-03	7.95E-02	0.00E+00	0.00E+00	1.72E-01	3.59E-02	3.39E-01	0.00E+00	2.69E-09	1.82E-09	9.47E-05	8.52E-07	3.25E-02	0.00E+00	3.39E-01	-1.75E-07	3.39E-01	3.58E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.39E+00
WH11593200A	1.33E-03	2.35E-01	2.12E-02	1.55E-01	0.00E+00	0.00E+00	6.76E-01	1.37E-06	6.85E-04	1.44E-03	0.00E+00	-1.49E-03	1.20E-10	7.80E-09	4.88E-03	2.47E-01	0.00E+00	0.00E+00	7.18E-01	1.73E-02	1.57E+00	0.00E+00	1.36E-08	6.36E-09	4.63E-04	5.13E-07	1.19E-01	0.00E+00	1.57E+00	6.21E-07	1.57E+00	1.68E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+01
WH11593200B	2.39E-03	3.67E-01	2.46E-02	3.00E-01	0.00E+00	0.00E+00	1.33E+00	3.59E-06	9.78E-04	3.09E-03	0.00E+00	-1.66E-03	2.61E-10	1.15E-08	1.42E-02	5.46E-01	5.36E-06	0.00E+00	1.29E+00	2.07E-02	3.59E+00	0.00E+00	2.94E-08	1.42E-08	8.96E-04	5.44E-07	2.52E-01	0.00E+00	3.59E+00	1.06E-06	3.59E+00	3.73E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	4.64E+01
WH11593205C	2.37E-03	3.69E-01	3.51E-02	2.97E-01	0.00E+00	0.00E+00	1.35E+00	3.58E-06	9.85E-04	2.91E-03	0.00E+00	-4.02E-03	2.62E-10	1.15E-08	1.43E-02	5.54E-01	0.00E+00	0.00E+00	1.30E+00	4.76E-02	3.59E+00	0.00E+00	2.94E-08	1.41E-08	8.70E-04	1.11E-06	2.56E-01	0.00E+00	3.59E+00	3.71E-08	3.59E+00	3.74E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	4.63E+01
WH11593206C	2.37E-03	3.69E-01	3.51E-02	2.97E-01	0.00E+00	0.00E+00	1.35E+00	3.58E-06	9.85E-04	2.91E-03	0.00E+00	-4.02E-03	2.62E-10	1.15E-08	1.43E-02	5.54E-01	0.00E+00	0.00E+00	1.30E+00	4.76E-02	3.59E+00	0.00E+00	2.94E-08	1.41E-08	8.70E-04	1.11E-06	2.56E-01	0.00E+00	3.59E+00	3.71E-08	3.59E+00	3.74E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	4.63E+01
WH11595200A	5.22E-04	3.89E-02	1.24E-02	3.85E-02	0.00E+00	0.00E+00	1.85E-01	4.58E-07	2.25E-04	3.48E-04	0.00E+00	-1.41E-03	3.46E-11	2.28E-09	1.33E-03	8.03E-02	0.00E+00	0.00E+00	1.65E-01	1.65E-02	3.43E-01	0.00E+00	2.70E-09	1.83E-09	9.44E-05	4.04E-07	3.22E-02	0.00E+00	3.43E-01	6.40E-08	3.43E-01	3.60E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	6.24E+00
WH11595200B	5.21E-04	3.88E-02	1.25E-02	3.86E-02	0.00E+00	0.00E+00	1.94E-01	4.89E-07	2.25E-04	3.48E-04	0.00E+00	-1.41E-03	3.46E-11	2.35E-09	1.33E-03	8.07E-02	0.00E+00	0.00E+00	1.74E-01	1.64E-02	3.43E-01	0.00E+00	2.71E-09	1.84E-09	9.44E-05	4.04E-07	3.30E-02	0.00E+00	3.43E-01	6.34E-08	3.43E-01	3.61E-01	3.30E-02	0.00E+00	0.00E+00	0.00E+00	6.40E+00
WH11595200C	8.08E-04	1.22E-01	2.52E-02	9.08E-02	0.00E+00	0.00E+00	6.76E-01	1.28E-06	3.71E-04	8.06E-04	0.00E+00	-2.68E-03	9.56E-11	4.05E-09	3.53E-03	1.73E-01	0.00E+00	0.00E+00	4.61E-01	3.74E-02	7.30E-01	0.00E+00	6.13E-09	3.10E-09	2.10E-04	9.10E-07	7.27E-02	0.00E+00	7.30E-01	-1.77E-07	7.30E-01	8.28E-01	7.27E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
WH11595205A	5.22E-04	3.89E-02	1.24E-02	3.85E-02	0.00E+00	0.00E+00	1.85E-01	4.58E-07	2.25E-04	3.48E-04	0.00E+00	-1.41E-03	3.46E-11	2.28E-09	1.33E-03	8.03E-02	0.00E+00	0.00E+00	1.65E-01	1.65E-02	3.43E-01	0.00E+00	2.70E-09	1.83E-09	9.44E-05	4.04E-07	3.22E-02	0.00E+00	3.43E-01	6.40E-08	3.43E-01	3.60E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	6.24E+00
WH11595205C	5.17E-04	3.88E-02	2.38E-02	3.97E-02	0.00E+00	0.00E+00	1.94E-01	4.82E-07	2.25E-04	3.52E-04	0.00E+00	-2.60E-03	3.46E-11	2.36E-09	1.33E-03	8.00E-02	0.00E+00	0.00E+00	1.74E-01	3.59E-02	3.42E-01	0.00E+00	2.71E-09	1.83E-09	9.47E-05	8.52E-07	3.26E-02	0.00E+00	3.42E-01	-1.75E-07	3.42E-01	3.61E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	6.37E+00
WH11596200A	7.50E-04	9.03E-02	1.06E-02	7.98E-02	0.00E+00	0.00E+00	3.11E-01	5.10E-07	4.83E-04	7.10E-04	0.00E+00	-1.07E-03	6.04E-11	4.92E-09	1.97E-03	1.34E-01	0.00E+00	0.00E+00	2.86E-01	1.42E-02	4.74E-01	0.00E+00	4.07E-09	2.36E-09	2.01E-04	3.48E-07	5.18E-02	0.00E+00	4.74E-01	-7.15E-08	4.74E-01	5.26E-01	5.18E-02	0.00E+00	0.00E+00	0.00E+00	1.05E+01
WH11596200B	2.39E-03	3.67E-01	2.46E-02	3.00E-01	0.00E+00	0.00E+00	1.33E+00	3.59E-06	9.78E-04	3.09E-03	0.00E+00	-1.66E-03	2.61E-10	1.15E-08	1.42E-02	5.46E-01	5.36E-06	0.00E+00	1.29E+00	2.07E-02	3.59E+00	0.00E+00	2.94E-08	1.42E-08	8.96E-04	5.44E-07	2.52E-01	0.00E+00	3.59E+00	1.06E-06	3.59E+00	3.73E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	4.64E+01
WH11596200C	2.37E-03	3.69E-01	3.51E-02	2.97E-01	0.00E+00	0.00E+00	1.35E+00	3.58E-06	9.85E-04	2.91E-03	0.00E+00	-4.02E-03	2.62E-10	1.15E-08	1.43E-02	5.54E-01	0.00E+00	0.00E+00	1.30E+00	4.76E-02	3.59E+00	0.00E+00	2.94E-08	1.41E-08	8.70E-04	1.11E-06	2.56E-01	0.00E+00	3.59E+00	3.71E-08	3.59E+00	3.74E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	4.63E+01
WH11596205C	2.37E-03	3.69E-01	3.51E-02	2.97E-01	0.00E+00	0.00E+00	1.35E+00	3.58E-06	9.85E-04	2.91E-03	0.00E+00	-4.02E-03	2.62E-10	1.15E-08	1.43E-02	5.54E-01	0.00E+00	0.00E+00	1.30E+00	4.76E-02	3.59E+00	0.00E+00	2.94E-08	1.41E-08	8.70E-04	1.11E-06	2.56E-01	0.00E+00	3.59E+00	3.71E-08	3.59E+00	3.74E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	4.63E+01

WH11596206A	1.33E-03	2.35E-01	2.12E-02	1.55E-01	0.00E+00	0.00E+00	6.76E-01	1.37E-06	6.85E-04	1.44E-03	0.00E+00	-1.49E-03	1.20E-10	7.80E-09	4.88E-03	2.47E-01	0.00E+00	0.00E+00	7.18E-01	1.73E-02	1.57E+00	0.00E+00	1.36E-08	6.36E-09	4.63E-04	5.13E-07	1.19E-01	0.00E+00	1.57E+00	6.21E-07	1.57E+00	1.68E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+01
WH11620300C	7.97E-04	1.23E-01	2.50E-02	9.12E-02	0.00E+00	0.00E+00	4.81E-01	8.37E-07	5.11E-04	8.12E-04	0.00E+00	-2.72E-03	9.46E-11	5.46E-09	2.64E-03	1.59E-01	0.00E+00	0.00E+00	3.82E-01	3.69E-02	6.52E-01	0.00E+00	4.97E-09	2.72E-09	2.17E-04	9.02E-07	6.60E-02	0.00E+00	6.52E-01	-2.15E-07	6.52E-01	6.58E-01	6.60E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
WH11620305C	7.97E-04	1.23E-01	2.50E-02	9.12E-02	0.00E+00	0.00E+00	4.81E-01	8.37E-07	5.11E-04	8.12E-04	0.00E+00	-2.72E-03	9.46E-11	5.46E-09	2.64E-03	1.59E-01	0.00E+00	0.00E+00	3.82E-01	3.69E-02	6.52E-01	0.00E+00	4.97E-09	2.72E-09	2.17E-04	9.02E-07	6.60E-02	0.00E+00	6.52E-01	-2.15E-07	6.52E-01	6.58E-01	6.60E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
WH11620700C	8.11E-04	1.23E-01	2.50E-02	9.12E-02	0.00E+00	0.00E+00	4.88E-01	8.48E-07	5.27E-04	7.98E-04	0.00E+00	-2.72E-03	9.46E-11	5.67E-09	2.67E-03	1.62E-01	0.00E+00	0.00E+00	3.86E-01	3.69E-02	6.52E-01	0.00E+00	5.00E-09	2.79E-09	2.16E-04	9.02E-07	6.63E-02	0.00E+00	6.52E-01	-2.15E-07	6.52E-01	6.66E-01	6.63E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
WH11622300A	8.18E-04	1.27E-01	1.53E-02	8.98E-02	0.00E+00	0.00E+00	5.06E-01	9.42E-07	5.26E-04	8.21E-04	0.00E+00	-1.44E-03	9.57E-11	5.49E-09	3.62E-03	1.59E-01	0.00E+00	0.00E+00	5.04E-01	1.85E-02	7.66E-01	0.00E+00	5.89E-09	2.86E-09	2.22E-04	4.77E-07	8.12E-02	0.00E+00	7.66E-01	8.15E-08	7.66E-01	8.64E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
WH11622300B	4.60E-04	8.09E-02	1.29E-02	8.52E-02	0.00E+00	0.00E+00	2.38E-01	4.35E-07	3.40E-04	5.97E-04	0.00E+00	-1.44E-03	4.85E-11	2.54E-09	1.43E-03	7.91E-02	0.00E+00	0.00E+00	2.64E-01	1.79E-02	3.68E-01	0.00E+00	3.03E-09	1.83E-09	1.68E-04	4.35E-07	4.46E-02	0.00E+00	3.68E-01	-6.91E-08	3.68E-01	4.02E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.54E+00
WH11622300C	7.97E-04	1.23E-01	2.45E-02	9.11E-02	0.00E+00	0.00E+00	4.81E-01	8.39E-07	5.11E-04	8.12E-04	0.00E+00	-2.69E-03	9.46E-11	5.46E-09	2.65E-03	1.59E-01	0.00E+00	0.00E+00	3.87E-01	3.63E-02	6.54E-01	0.00E+00	5.02E-09	2.72E-09	2.17E-04	8.87E-07	6.73E-02	0.00E+00	6.54E-01	-2.13E-07	6.54E-01	6.70E-01	6.73E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
WH11622305A	8.18E-04	1.27E-01	1.53E-02	8.98E-02	0.00E+00	0.00E+00	5.06E-01	9.42E-07	5.26E-04	8.21E-04	0.00E+00	-1.44E-03	9.57E-11	5.49E-09	3.62E-03	1.59E-01	0.00E+00	0.00E+00	5.04E-01	1.85E-02	7.66E-01	0.00E+00	5.89E-09	2.86E-09	2.22E-04	4.77E-07	8.12E-02	0.00E+00	7.66E-01	8.15E-08	7.66E-01	8.64E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
WH11622305B	4.60E-04	8.09E-02	1.29E-02	8.52E-02	0.00E+00	0.00E+00	2.38E-01	4.35E-07	3.40E-04	5.97E-04	0.00E+00	-1.44E-03	4.85E-11	2.54E-09	1.43E-03	7.91E-02	0.00E+00	0.00E+00	2.64E-01	1.79E-02	3.68E-01	0.00E+00	3.03E-09	1.83E-09	1.68E-04	4.35E-07	4.46E-02	0.00E+00	3.68E-01	-6.91E-08	3.68E-01	4.02E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.54E+00
WH11622305C	7.97E-04	1.23E-01	2.45E-02	9.11E-02	0.00E+00	0.00E+00	4.81E-01	8.39E-07	5.11E-04	8.12E-04	0.00E+00	-2.69E-03	9.46E-11	5.46E-09	2.65E-03	1.59E-01	0.00E+00	0.00E+00	3.87E-01	3.63E-02	6.54E-01	0.00E+00	5.02E-09	2.72E-09	2.17E-04	8.87E-07	6.73E-02	0.00E+00	6.54E-01	-2.13E-07	6.54E-01	6.70E-01	6.73E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
WH11622700A	8.32E-04	1.26E-01	1.53E-02	8.84E-02	0.00E+00	0.00E+00	5.09E-01	9.50E-07	5.38E-04	8.13E-04	0.00E+00	-1.44E-03	9.57E-11	5.67E-09	3.63E-03	1.63E-01	0.00E+00	0.00E+00	5.05E-01	1.85E-02	7.66E-01	0.00E+00	5.91E-09	2.90E-09	2.21E-04	4.77E-07	8.13E-02	0.00E+00	7.66E-01	8.15E-08	7.66E-01	8.70E-01	8.13E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
WH11622700B	4.60E-04	8.09E-02	1.29E-02	8.45E-02	0.00E+00	0.00E+00	2.38E-01	4.41E-07	3.48E-04	5.89E-04	0.00E+00	-1.44E-03	4.85E-11	2.68E-09	1.43E-03	7.93E-02	0.00E+00	0.00E+00	2.64E-01	1.79E-02	3.61E-01	0.00E+00	2.95E-09	1.83E-09	1.68E-04	4.35E-07	4.49E-02	0.00E+00	3.61E-01	-6.94E-08	3.61E-01	3.94E-01	4.49E-02	0.00E+00	0.00E+00	0.00E+00	9.54E+00
WH11622700C	8.11E-04	1.23E-01	2.45E-02	9.11E-02	0.00E+00	0.00E+00	4.87E-01	8.51E-07	5.27E-04	7.98E-04	0.00E+00	-2.69E-03	9.46E-11	5.67E-09	2.69E-03	1.62E-01	0.00E+00	0.00E+00	3.91E-01	3.63E-02	6.54E-01	0.00E+00	5.05E-09	2.79E-09	2.16E-04	8.87E-07	6.75E-02	0.00E+00	6.54E-01	-2.13E-07	6.54E-01	6.77E-01	6.75E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
WH11622705A	8.32E-04	1.26E-01	1.53E-02	8.84E-02	0.00E+00	0.00E+00	5.09E-01	9.50E-07	5.38E-04	8.13E-04	0.00E+00	-1.44E-03	9.57E-11	5.67E-09	3.63E-03	1.63E-01	0.00E+00	0.00E+00	5.05E-01	1.85E-02	7.66E-01	0.00E+00	5.91E-09	2.90E-09	2.21E-04	4.77E-07	8.13E-02	0.00E+00	7.66E-01	8.15E-08	7.66E-01	8.70E-01	8.13E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
WH11622705C	8.11E-04	1.23E-01	2.45E-02	9.11E-02	0.00E+00	0.00E+00	4.87E-01	8.51E-07	5.27E-04	7.98E-04	0.00E+00	-2.69E-03	9.46E-11	5.67E-09	2.69E-03	1.62E-01	0.00E+00	0.00E+00	3.91E-01	3.63E-02	6.54E-01	0.00E+00	5.05E-09	2.79E-09	2.16E-04	8.87E-07	6.75E-02	0.00E+00	6.54E-01	-2.13E-07	6.54E-01	6.77E-01	6.75E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
WH11623306A	1.20E-03	2.44E-01	2.17E-02	1.59E-01	0.00E+00	0.00E+00	6.74E-01	1.16E-06	6.68E-04	1.44E-03	0.00E+00	-1.60E-03	1.17E-10	7.44E-09	4.38E-03	2.20E-01	5.36E-06	0.00E+00	7.31E-01	2.08E-02	1.59E+00	0.00E+00	1.37E-08	6.20E-09	4.57E-04	5.47E-07	1.19E-01	0.00E+00	1.59E+00	3.73E-07	1.59E+00	1.71E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.09E+01
WH11625300A	8.38E-04	1.30E-01	1.53E-02	9.45E-02	0.00E+00	0.00E+00	5.03E-01	9.41E-07	5.29E-04	8.70E-04	0.00E+00	-1.44E-03	9.74E-11	5.53E-09	3.89E-03	1.68E-01	0.00E+00	0.00E+00	5.03E-01	1.76E-02	9.04E-01	0.00E+00	7.21E-09	3.37E-09	2.34E-04	4.65E-07	8.24E-02	0.00E+00	9.04E-01	2.60E-07	9.04E-01	1.02E+00	8.24E-02	0.00E+00	0.00E+00	0.00E+00	1.71E+01
WH11625300B	4.70E-04	8.03E-02	1.29E-02	8.49E-02	0.00E+00	0.00E+00	2.39E-01	4.31E-07	3.45E-04	5.99E-04	0.00E+00	-1.43E-03	4.85E-11	2.52E-09	1.44E-03	7.89E-02	0.00E+00	0.00E+00	2.64E-01	1.70E-02	3.72E-01	0.00E+00	3.06E-09	1.84E-09	1.68E-04	4.22E-07	4.48E-02	0.00E+00	3.72E-01	-9.63E-09	3.72E-01	4.12E-01	4.48E-02	0.00E+00	0.00E+00	0.00E+00	9.57E+00
WH11625300C	8.05E-04	1.12E-01	2.34E-02	8.83E-02	0.00E+00	0.00E+00	4.35E-01	7.57E-07	5.08E-04	7.88E-04	0.00E+00	-2.62E-03	8.11E-11	5.43E-09	2.58E-03	1.55E-01	0.00E+00	0.00E+00	3.68E-01	3.45E-02	5.87E-01	0.00E+00	4.87E-09	2.69E-09	2.23E-04	8.43E-07	6.36E-02	0.00E+00	5.87E-01	-2.28E-07	5.87E-01	6.51E-01	6.36E-02	0.00E+00	0.00E+00	0.00E+00	1.35E+01
WH11625305A	4.57E-04	8.01E-02	1.29E-02	8.21E-02	0.00E+00	0.00E+00	2.24E-01	3.94E-07	3.36E-04	5.92E-04	0.00E+00	-1.43E-03	4.85E-11	2.33E-09	1.44E-03	7.76E-02	0.00E+00	0.00E+00	2.57E-01	1.70E-02	3.67E-01	0.00E+00	3.01E-09	1.76E-09	1.67E-04	4.22E-07	4.39E-02	0.00E+00	3.67E-01	-1.10E-08	3.67E-01	4.08E-01	4.39E-02	0.00E+00	0.00E+00	0.00E+00	9.34E+00
WH11625305C	4.43E-04	8.04E-02	2.31E-02	8.53E-02	0.00E+00	0.00E+00	2.39E-01	4.29E-07	3.22E-04	5.93E-04	0.00E+00	-2.55E-03	4.85E-11	2.26E-09	1.43E-03	7.83E-02	0.00E+00	0.00E+00	2.64E-01	3.40E-02	3.66E-01	0.00E+00	2.96E-09	1.82E-09	1.66E-04	8.21E-07	4.47E-02	0.00E+00	3.66E-01	-2.11E-07	3.66E-01	3.93E-01	4.47E-02	0.00E+00	0.00E+00	0.00E+00	9.60E+00
WH11625306B	4.70E-04	8.03E-02	1.29E-02	8.49E-02	0.00E+00	0.00E+00	2.39E-01	4.31E-07	3.45E-04	5.99E-04	0.00E+00	-1.43E-03	4.85E-11	2.52E-09	1.44E-03	7.89E-02	0.00E+00	0.00E+00	2.64E-01	1.70E-02	3.72E-01	0.00E+00	3.06E-09	1.84E-09	1.68E-04	4.22E-07	4.48E-02	0.00E+00	3.72E-01	-9.63E-09	3.72E-01	4.12E-01	4.48E-02	0.00E+00	0.00E+00	0.00E+00	9.57E+00
WH11625700A	5.63E-04	9.25E-02	1.32E-02	8.12E-02	0.00E+00	0.00E+00	2.77E-01	5.92E-07	3.77E-04	7.20E-04	0.00E+00	-1.43E-03	5.84E-11	2.76E-09	2.19E-03	1.32E-01	0.00E+00	0.00E+00	3.05E-01	1.72E-02	5.82E-01	0.00E+00	4.79E-09	2.59E-09	2.02E-04	4.38E-07	5.28E-02	0.00E+00	5.82E-01	1.36E-07	5.82E-01	6.00E-01	5.28E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
WH11625700B	6.93E-04	9.68E-02	1.33E-02	8.49E-02	0.00E+00	0.00E+00	3.29E-01	6.80E-07	3.92E-04	7.31E-04	0.00E+00	-1.44E-03	6.57E-11	3.27E-09	2.25E-03	1.47E-01	0.00E+00	0.00E+00	3.22E-01	1.72E-02	5.83E-01	0.00E+00	4.79E-09	2.78E-09	2.02E-04	4.38E-07	5.62E-02	0.00E+00	5.83E-01	1.35E-07	5.83E-01	6.15E-01	5.62E-02	0.00E+00	0.00E+00	0.00E+00	1.20E+01
WH11625700C	7.83E-04	1.11E-01	2.37E-02	8.95E-02	0.00E+00	0.00E+00	4.12E-01	7.23E-07	4.92E-04	7.35E-04	0.00E+00	-2.62E-03	7.00E-11	5.46E-09	2.22E-03	1.55E-01	0.00E+00	0.00E+00	3.22E-01	3.44E-02	5.15E-01	0.00E+00	4.01E-09	2.72E-09	2.00E-04	8.46E-07	5.98E-02	0.00E+00	5.15E-01	-2.13E-07	5.15E-01	5.44E-01	5.98E-02	0.00E+00	0.00E+00	0.00E+00	1.33E+01
WH11625705A	5.63E-04	9.25E-02	1.32E-02	8.12E-02	0.00E+00	0.00E+00	2.77E-01	5.92E-07	3.77E-04	7.20E-04	0.00E+00	-1.43E-03	5.84E-11	2.76E-09	2.19E-03	1.32E-01	0.00E+00	0.00E+00	3.05E-01	1.72E-02	5.82E-01	0.00E+00	4.79E-09	2.59E-09	2.02E-04	4.38E-07	5.28E-02	0.00E+00	5.82E-01	1.36E-07	5.82E-01	6.00E-01	5.28E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
WH11640300C	1.08E-03	1.35E-01	2.54E-02	1.08E-01	0.00E+00	0.00E+00	5.56E-01	9.60E-07	6.98E-04	9.68E-04	0.00E+00	-2.75E-03	9.61E-11	7.45E-09	3.12E-03	2.04E-01	0.00E+00	0.00E+00	4.78E-01	3.71E-02	7.08E-01	0.00E+00	5.94E-09	3.44E-09	2.83E-04	9.08E-07	8.24E-02	0.00E+00	7.08E-01	-2.13E-07	7.08E-01	8.03E-01	8.24E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH11640305C	1.08E-03	1.33E-01	2.54E-02	1.08E-01	0.00E+00	0.00E+00	5.56E-01	9.60E-07	6.98E-04	9.67E-04	0.00E+00	-2.75E-03	9.61E-11	7.44E-09	3.12E-03	2.04E-01	0.00E+00	0.00E+00	4.78E-01	3.72E-02	7.08E-01	0.00E+00	5.94E-09	3.44E-09	2.82E-04	9.10E-07	8.25E-02	0.00E+00	7.08E-01	-2.14E-07	7.08E-01	8.03E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH11640700C	1.09E-03	1.33E-01	2.54E-02	1.08E-01	0.00E+00	0.00E+00	5.77E-01	1.00E-06	7.34E-04	9.77E-04	0.00E+00	-2.75E-03	9.62E-11	7.78E-09	3.19E-03	2.13E-01	0.00E+00	0.00E+00	4.98E-01	3.72E-02	7.13E-01	0.00E+00	6.12E-09	3.58E-09	2.85E-04	9.09E-07	8.56E-02	0.00E+00	7.13E-01	-2.14E-07	7.13E-01	8.31E-01	8.56E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH11640705C	1.09E-03	1.33E-01	2.54E-02	1.08E-01	0.00E+00	0.00E+00	5.77E-01	1.00E-06	7.34E-04	9.77E-04	0.00E+00	-2.75E-03	9.62E-11	7.78E-09	3.19E-03	2.13E-01	0.00E+00	0.00E+00	4.98E-01	3.72E-02	7.13E-01	0.00E+00	6.12E-09	3.58E-09	2.85E-04	9.09E-07	8.56E-02	0.00E+00	7.13E-01	-2.14E-07	7.13E-01	8.31E-01	8.56E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH11642105A	1.06E-03	1.35E-01	1.54E-02	1.10E-01	0.00E+00	0.00E+00	5.48E-01	1.01E-06	6.90E-04	9.75E-04	0.00E+00	-1.43E-03	9.83E-11	7.42E-09	3.93E-03	1.97E-01	0.00E+00	0.00E+00	5.38E-01	1.83E-02	9.18E-01	0.00E+00	7.50E-09	3.84E-09	2.83E-04	4.80E-07	8.70E-02	0.00E+00	9.18E-01	2.03E-07	9.18E-01	1.05E+00	8.70E-02	0.00E+00	0.00E+00	0.00E+00	1.80E+01
WH11642300A	9.05E-04	1.02E-01	1.31E-02	9.41E-02	0.00E+00	0.00E+00	3.50E-01	6.06E-07	5.05E-04	8.32E-04	0.00E+00	-1.44E-03	7.13E-11	5.86E-09	2.32E-03	1.60E-01	0.00E+00	0.00E+00	3.35E-01	1.73E-02	6.12E-01	0.00E+00	5.09E-09	2.92E-09	2.39E-04	4.40E-07	5.91E-02	0.00E+00	6.12E-01	1.29E-08	6.12E-01	6.41E-01	5.91E-02	0.00E+00	0.00E+00	0.00E+00	1.15E+01
WH11642300B	8.37E-04	8.13E-02	1.28E-02	9.47E-02	0.00E+00	0.00E+00	2.99E-01	5.05E-07	6.67E-04	6.58E-04	0.00E+00	-1.43E-03	5.82E-11	6.81E-09	1.50E-03	1.01E-01	0.00E+00	0.00E+00	2.90E-01	1.71E-02	3.90E-01	0.00E+00	3.16E-09	2.04E-09	1.90E-04	4.24E-07	5.15E-02	0.00E+00	3.90E-01	-2.57E-08	3.90E-01	4.47E-01	5.15E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
WH11642300C	1.08E-03	1.30E-01	2.40E-02	1.06E-01	0.00E+00	0.00E+00	5.52E-01	9.56E-07	6.97E-04	9.60E-04	0.00E+00	-2.60E-03	1.03E-10	7.40E-09	3.21E-03	2.04E-01	0.00E+00	0.00E+00	4.75E-01	3.43E-02	7.37E-01	0.00E+00	6.10E-09	3.44E-09	2.78E-04	8.39E-07	8.28E-02	0.00E+00	7.37E-01	-2.15E-07	7.37E-01	8.20E-01	8.28E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH11642305A	9.11E-04	1.03E-01	1.32E-02	9.41E-02	0.00E+00	0.00E+00	3.61E-01	6.40E-07	5.17E-04	8.25E-04	0.00E+00	-1.44E-03	6.50E-11	6.01E-09	2.33E-03	1.63E-01	0.00E+00	0.00E+00	3.49E-01	1.74E-02	6.07E-01	0.00E+00	5.12E-09	3.03E-09	2.40E-04	4.39E-07	6.23E-02	0.00E+00	6.07E-01	9.92E-08	6.07E-01	6.40E-01	6.23E-02	0.00E+00	0.00E+00	0.00E+00	1.35E+01
WH11642305B	8.37E-04	8.13E-02	1.28E-02	9.47E-02	0.00E+00	0.00E+00	2.99E-01	5.05E-07	6.67E-04	6.58E-04	0.00E+00	-1.43E-03	5.82E-11	6.81E-09	1.50E-03	1.01E-01	0.00E+00	0.00E+00	2.90E-01	1.71E-02	3.90E-01	0.00E+00	3.16E-09	2.04E-09	1.90E-04	4.24E-07	5.15E-02	0.00E+00	3.90E-01	-2.57E-08	3.90E-01	4.47E-01	5.15E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
WH11642305C	1.08E-03	1.30E-01	2.40E-02	1.06E-01	0.00E+00	0.00E+00	5.52E-01	9.56E-07	6.97E-04	9.60E-04	0.00E+00	-2.60E-03	1.03E-10	7.40E-09	3.21E-03	2.04E-01	0.00E+00	0.00E+00	4.75E-01	3.43E-02	7.37E-01	0.00E+00	6.10E-09	3.44E-09	2.78E-04	8.39E-07	8.28E-02	0.00E+00	7.37E-01	-2.15E-07	7.37E-01	8.20E-01	8.28E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH11642306A	9.11E-04	1.03E-01	1.32E-02	9.41E-02	0.00E+00	0.00E+00	3.61E-01	6.40E-07	5.17E-04	8.25E-04	0.00E+00	-1.44E-03	6.50E-11	6.01E-09	2.33E-03	1.63E-01	0.00E+00	0.00E+00	3.49E-01	1.74E-02	6.07E-01	0.00E+00	5.12E-09	3.03E-09	2.40E-04	4.39E-07	6.23E-02	0.00E+00	6.07E-01	9.92E-08	6.07E-01	6.40E-01	6.23E-02	0.00E+00	0.00E+00	0.00E+00	1.35E+01
WH11642306C	1.07E-03	1.32E-01	2.40E-02	1.07E-01	0.00E+00	0.00E+00	5.58E-01	9.62E-07	6.99E-04	9.61E-04	0.00E+00	-2.64E-03	9.61E-11	7.44E-09	3.11E-03	2.04E-01	0.00E+00	0.00E+00	4.78E-01	3.50E-02	7.09E-01	0.00E+00	5.96E-09	3.44E-09	2.81E-04	8.66E-07	8.26E-02	0.00E+00	7.09E-01	-2.10E-07	7.09E-01	8.06E-01	8.26E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH11642700A	1.09E-03	1.05E-01	1.27E-02	9.27E-02	0.00E+00	0.00E+00	4.48E-01	7.48E-07	7.25E-04	8.48E-04	0.00E+00	-1.24E-03	8.64E-11	7.51E-09	2.61E-03	1.91E-01	0.00E+00	0.00E+00	4.14E-01	1.63E-02	6.26E-01	0.00E+00	5.27E-09	3.14E-09	2.53E-04	4.02E-07	7.40E-02	0.00E+00	6.26E-01	-8.53E-08	6.26E-01	7.00E-01	7.40E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
WH11642700B	8.32E-04	8.14E-02	1.28E-02	9.49E-02	0.00E+00	0.00E+00	2.99E-01	5.06E-07	6.97E-04	6.59E-04	0.00E+00	-1.43E-03	5.83E-11	7.07E-09	1.50E-03	1.00E-01	0.00E+00	0.00E+00	2.91E-01	1.69E-02	3.90E-01	0.00E+00	3.16E-09	2.06E-09	1.91E-04	4.21E-07	5.17E-02	0.00E+00	3.90E-01	-2.85E-08	3.90E-01	4.47E-01	5.17E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
WH11642700C	1.14E-03	1.32E-01	2.41E-02	1.07E-01	0.00E+00	0.00E+00	5.78E-01	1.00E-06	7.37E-04	9.77E-04	0.00E+00	-2.60E-03	1.08E-10	7.84E-09	3.33E-03	2.14E-01	0.00E+00	0.00E+00	4.99E-01	3.43E-02	7.67E-01	0.00E+00	6.33E-09	3.59E-09	2.86E-04	8.39E-07	8.69E-02	0.00E+00	7.67E-01	-2.11E-07	7.67E-01	8.54E-01	8.69E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH11642705A	9.29E-04	1.03E-01	1.32E-02	9.37E-02	0.00E+00	0.00E+00	3.77E-01	6.45E-07	5.79E-04	8.25E-04	0.00E+00	-1.44E-03	6.48E-11	6.76E-09	2.32E-03	1.69E-01	0.00E+00	0.00E+00	3.61E-01	1.71E-02	5.97E-01	0.00E+00	5.00E-09	2.97E-09	2.40E-04	4.33E-07	6.34E-02	0.00E+00	5.97E-01	9.90E-08	5.97E-01	6.27E-01	6.34E-02	0.00E+00	0.00E+00	0.00E+00	1.33E+01
WH11642705C	1.03E-03	1.28E-01	2.40E-02	1.07E-01	0.00E+00	0.00E+00	5.55E-01	9.87E-07	7.26E-04	9.64E-04	0.00E+00	-2.64E-03	8.93E-11	7.70E-09	3.17E-03	2.10E-01	0.00E+00	0.00E+00	4.84E-01	3.46E-02	7.01E-01	0.00E+00	6.08E-09	3.58E-09	2.81E-04	8.60E-07	8.27E-02	0.00E+00	7.01E-01	-2.14E-07	7.01E-01	8.19E-01	8.27E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
WH11643300A	1.02E-03	1.05E-01	1.38E-02	9.51E-02	0.00E+00	0.00E+00	4.09E-01	7.11E-07	6.93E-04	8.36E-04	0.00E+00	-1.43E-03	6.55E-11	6.86E-09	2.36E-03	1.83E-01	0.00E+00	0.00E+00	3.95E-01	1.72E-02	6.33E-01	0.00E+00	5.62E-09	3.28E-09	2.45E-04	4.45E-07	7.23E-02	0.00E+00	6.33E-01	1.14E-07	6.33E-01	7.16E-01	7.23E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
WH11643300C	1.07E-03	1.30E-01	2.41E-02	1.07E-01	0.00E+00	0.00E+00	5.47E-01	9.50E-07	6.98E-04	9.66E-04	0.00E+00	-2.63E-03	8.84E-11	7.42E-09	3.12E-03	2.04E-01	0.00E+00	0.00E+00	4.68E-01	3.46E-02	6.90E-01	0.00E+00	5.93E-09	3.50E-09	2.80E-04	8.54E-07	8.14E-02	0.00E+00	6.90E-01	-2.08E-07	6.90E-01	8.07E-01	8.14E-02	0.00E+00	0.00E+00	0.00E+00	1.73E+01
WH11643305A	1.02E-03	1.05E-01	1.38E-02	9.51E-02	0.00E+00	0.00E+00	4.09E-01	7.11E-07	6.93E-04	8.36E-04	0.00E+00	-1.43E-03	6.55E-11	6.86E-09	2.36E-03	1.83E-01	0.00E+00	0.00E+00	3.95E-01	1.72E-02	6.33E-01	0.00E+00	5.62E-09	3.28E-09	2.45E-04	4.45E-07	7.23E-02	0.00E+00	6.33E-01	1.14E-07	6.33E-01	7.16E-01	7.23E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
WH11643305C	1.06E-03	1.25E-01	2.41E-02	1.05E-01	0.00E+00	0.00E+00	5.42E-01	9.42E-07	6.97E-04	9.51E-04	0.00E+00	-2.63E-03	8.82E-11	7.40E-09	2.92E-03	2.02E-01	0.00E+00	0.00E+00	4.69E-01	3.46E-02	6.76E-01	0.00E+00	5.76E-09	3.51E-09	2.79E-04	8.53E-07	8.11E-02	0.00E+00	6.76E-01	-2.07E-07	6.76E-01	7.90E-01	8.11E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
WH11643306A	1.32E-03	2.48E-01	2.20E-02	1.69E-01	0.00E+00	0.00E+00	6.84E-01	1.20E-06	7.23E-04	1.50E-03	0.00E+00	-1.61E-03	1.18E-10	7.84E-09	4.47E-03	2.41E-01	5.36E-06	0.00E+00	7.42E-01	2.04E-02	1.58E+00	0.00E+00	1.37E-08	6.42E-09	4.61E-04	5.53E-07	1.21E-01	0.00E+00	1.58E+00	5.82E-07	1.58E+00	1.69E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.24E+01
WH11645300A	9.84E-04	1.02E-01	1.27E-02	9.30E-02	0.00E+00	0.00E+00	3.79E-01	6.72E-07	6.93E-04	8.21E-04	0.00E+00	-1.24E-03	7.18E-11	6.80E-09	2.64E-03	1.76E-01	0.00E+00	0.00E+00	3.69E-01	1.72E-02	7.06E-01	0.00E+00	5.83E-09	3.42E-09	2.43E-04	4.27E-07	6.59E-02	0.00E+00	7.06E-01	1.19E-07	7.06E-01	7.75E-01	6.59E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
WH11645300B	9.80E-04	1.13E-01	1.31E-02	1.01E-01	0.00E+00	0.00E+00	4.97E-01	8.90E-07	6.72E-04	8.98E-04	0.00E+00	-1.24E-03	7.31E-11	6.90E-09	2.93E-03	1.95E-01	0.00E+00	0.00E+00	4.13E-01	1.72E-02	7.27E-01	0.00E+00	6.47E-09	3.73E-09	2.53E-04	4.29E-07	8.00E-02	0.00E+00	7.27E-01	1.15E-07	7.27E-01	8.60E-01	8.00E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
WH11645300C	1.06E-03	1.24E-01	2.16E-02	1.04E-01	0.00E+00	0.00E+00	5.44E-01	9.40E-07	6.96E-04	9.42E-04	0.00E+00	-2.45E-03	9.05E-11	7.39E-09	3.01E-03	2.01E-01	0.00E+00	0.00E+00	4.63E-01	3.33E-02	6.88E-01	0.00E+00	5.90E-09	3.45E-09	2.77E-04	8.20E-07	8.05E-02	0.00E+00	6.88E-01	-2.02E-07	6.88E-01	8.02E-01	8.05E-02	0.00E+00	0.00E+00	0.00E+00	1.71E+01
WH11645305A	9.84E-04	1.02E-01	1.27E-02	9.30E-02	0.00E+00	0.00E+00	3.79E-01	6.72E-07	6.93E-04	8.21E-04	0.00E+00	-1.24E-03	7.18E-11	6.80E-09	2.64E-03	1.76E-01	0.00E+00	0.00E+00	3.69E-01	1.72E-02	7.06E-01	0.00E+00	5.83E-09	3.42E-09	2.43E-04	4.27E-07	6.59E-02	0.00E+00	7.06E-01	1.19E-07	7.06E-01	7.75E-01	6.59E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
WH11645305B	9.80E-04	1.13E-01	1.31E-02	1.01E-01	0.00E+00	0.00E+00	4.97E-01	8.90E-07	6.72E-04	8.98E-04	0.00E+00	-1.24E-03	7.31E-11	6.90E-09	2.93E-03	1.95E-01	0.00E+00	0.00E+00	4.13E-01	1.72E-02	7.27E-01	0.00E+00	6.47E-09	3.73E-09	2.53E-04	4.29E-07	8.00E-02	0.00E+00	7.27E-01	1.15E-07	7.27E-01	8.60E-01	8.00E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
WH11645305C	1.06E-03	1.24E-01	2.16E-02	1.04E-01	0.00E+00	0.00E+00	5.44E-01	9.40E-07	6.96E-04	9.42E-04	0.00E+00	-2.45E-03	9.05E-11	7.39E-09	3.01E-03	2.01E-01	0.00E+00	0.00E+00	4.63E-01	3.33E-02	6.88E-01	0.00E+00	5.90E-09	3.45E-09	2.77E-04	8.20E-07	8.05E-02	0.00E+00	6.88E-01	-2.02E-07	6.88E-01	8.02E-01	8.05E-02	0.00E+00	0.00E+00	0.00E+00	1.71E+01
WH11645306A	1.01E-03	1.30E-01	1.84E-02	1.06E-01	0.00E+00	0.00E+00	5.48E-01	9.79E-07	6.17E-04	9.04E-04	0.00E+00	-1.34E-03	9.85E-11	7.05E-09	3.79E-03	1.83E-01	0.00E+00	0.00E+00	4.82E-01	1.76E-02	9.13E-01	0.00E+00	7.50E-09	4.01E-09	2.63E-04	5.15E-07	8.09E-02	0.00E+00	9.13E-01	1.55E-07	9.13E-01	1.02E+00	8.09E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
WH11645700B	8.95E-04	1.18E-01	1.31E-02	1.07E-01	0.00E+00	0.00E+00	4.98E-01	8.58E-07	6.41E-04	9.06E-04	0.00E+00	-1.24E-03	7.24E-11	6.50E-09	2.99E-03	1.98E-01	0.00E+00	0.00E+00	4.07E-01	1.75E-02	7.15E-01	0.00E+00	6.28E-09	3.60E-09	2.50E-04	4.31E-07	7.98E-02	0.00E+00	7.15E-01	1.14E-07	7.15E-01	8.20E-01	7.98E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH11645700C	1.07E-03	1.28E-01	2.17E-02	1.06E-01	0.00E+00	0.00E+00	5.44E-01	9.68E-07	7.33E-04	9.59E-04	0.00E+00	-2.45E-03	9.05E-11	7.70E-09	3.16E-03	2.09E-01	0.00E+00	0.00E+00	4.78E-01	3.33E-02	6.95E-01	0.00E+00	6.10E-09	3.58E-09	2.79E-04	8.21E-07	8.28E-02	0.00E+00	6.95E-01	-2.02E-07	6.95E-01	8.31E-01	8.28E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH11645705A	1.00E-03	1.03E-01	1.27E-02	9.25E-02	0.00E+00	0.00E+00	4.06E-01	6.74E-07	7.09E-04	8.22E-04	0.00E+00	-1.24E-03	7.19E-11	7.04E-09	2.73E-03	1.82E-01	0.00E+00	0.00E+00	3.72E-01	1.70E-02	6.98E-01	0.00E+00	5.78E-09	3.39E-09	2.43E-04	4.24E-07	6.85E-02	0.00E+00	6.98E-01	1.17E-07	6.98E-01	7.70E-01	6.85E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
WH11645705C	1.07E-03	1.28E-01	2.17E-02	1.06E-01	0.00E+00	0.00E+00	5.44E-01	9.68E-07	7.33E-04	9.59E-04	0.00E+00	-2.45E-03	9.05E-11	7.70E-09	3.16E-03	2.09E-01	0.00E+00	0.00E+00	4.78E-01	3.33E-02	6.95E-01	0.00E+00	6.10E-09	3.58E-09	2.79E-04	8.21E-07	8.28E-02	0.00E+00	6.95E-01	-2.02E-07	6.95E-01	8.31E-01	8.28E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH12580300P	3.80E-04	7.84E-02	2.60E-02	5.24E-02	0.00E+00	0.00E+00	1.72E-01	3.11E-07	2.27E-04	4.67E-04	0.00E+00	-3.10E-03	3.26E-11	2.37E-09	1.57E-03	7.48E-02	0.00E+00	0.00E+00	1.65E-01	4.09E-02	3.46E-01	0.00E+00	2.95E-09	1.45E-09	1.28E-04	9.94E-07	2.73E-02	0.00E+00	3.46E-01	-2.86E-07	3.46E-01	3.73E-01	2.73E-02	0.00E+00	0.00E+00	0.00E+00	5.81E+00
WH12580305P	5.85E-04	4.06E-02	2.37E-02	3.96E-02	0.00E+00	0.00E+00	1.66E-01	4.00E-07	5.99E-04	3.54E-04	0.00E+00	-2.81E-03	3.29E-11	4.44E-09	1.33E-03	8.74E-02	4.47E-07	0.00E+00	1.73E-01	3.88E-02	4.94E-01	0.00E+00	3.71E-09	2.08E-09	1.01E-04	8.56E-07	3.27E-02	0.00E+00	4.94E-01	-2.53E-07	4.94E-01	4.78E-01	3.27E-02	0.00E+00	0.00E+00	0.00E+00	6.62E+00
WH12580306P	5.85E-04	4.06E-02	2.37E-02	3.96E-02	0.00E+00	0.00E+00	1.66E-01	4.00E-07	5.99E-04	3.54E-04	0.00E+00	-2.81E-03	3.29E-11	4.44E-09	1.33E-03	8.74E-02	4.47E-07	0.00E+00	1.73E-01	3.88E-02	4.94E-01	0.00E+00	3.71E-09	2.08E-09	1.01E-04	8.56E-07	3.27E-02	0.00E+00	4.94E-01	-2.53E-07	4.94E-01	4.78E-01	3.27E-02	0.00E+00	0.00E+00	0.00E+00	6.62E+00
WH12585300P	9.30E-04	1.11E-01	2.56E-02	7.94E-02	0.00E+00	0.00E+00	5.38E-01	1.09E-06	7.71E-04	7.59E-04	0.00E+00	-2.87E-03	9.64E-11	6.94E-09	3.61E-03	1.90E-01	4.47E-07	0.00E+00	5.01E-01	3.94E-02	8.76E-01	0.00E+00	6.78E-09	3.42E-09	2.20E-04	9.17E-07	9.13E-02	0.00E+00	8.76E-01	-2.47E-07	8.76E-01	9.59E-01	9.13E-02	0.00E+00	0.00E+00	0.00E+00	1.73E+01
WH12585306P	2.07E-03	3.11E-01	3.47E-02	2.57E-01	0.00E+00	0.00E+00	1.02E+00	2.49E-06	7.47E-04	2.56E-03	0.00E+00	-4.17E-03	2.77E-10	7.26E-09	1.32E-02	4.62E-01	5.37E-06	0.00E+00	1.22E+00	4.95E-02	3.19E+00	0.00E+00	2.64E-08	1.26E-08	8.08E-04	1.12E-06	2.08E-01	0.00E+00	3.19E+00	-1.11E-07	3.19E+00	3.32E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	4.07E+01
WH12620300P	1.04E-03	1.27E-01	2.61E-02	1.00E-01	0.00E+00	0.00E+00	5.29E-01	1.56E-06	6.97E-04	8.81E-04	0.00E+00	-2.77E-03	9.88E-10	7.19E-09	3.64E-03	1.94E-01	4.47E-07	0.00E+00	5.14E-01	3.86E-02	8.70E-01	0.00E+00	6.70E-09	3.89E-09	2.55E-04	9.20E-07	9.36E-02	0.00E+00	8.70E-01	2.97E-07	8.70E-01	9.67E-01	9.36E-02	0.00E+00	0.00E+00	0.00E+00	1.81E+01
WH12620305P	1.04E-03	1.27E-01	2.61E-02	1.00E-01	0.00E+00	0.00E+00	5.29E-01	1.56E-06	6.97E-04	8.81E-04	0.00E+00	-2.77E-03	9.88E-10	7.19E-09	3.64E-03	1.94E-01	4.47E-07	0.00E+00	5.14E-01	3.86E-02	8.70E-01	0.00E+00	6.70E-09	3.89E-09	2.55E-04	9.20E-07	9.36E-02	0.00E+00	8.70E-01	2.97E-07	8.70E-01	9.67E-01	9.36E-02	0.00E+00	0.00E+00	0.00E+00	1.81E+01
WH12620306P	1.04E-03	1.27E-01	2.61E-02	1.00E-01	0.00E+00	0.00E+00	5.29E-01	1.56E-06	6.97E-04	8.81E-04	0.00E+00	-2.77E-03	9.88E-10	7.19E-09	3.64E-03	1.94E-01	4.47E-07	0.00E+00	5.14E-01	3.86E-02	8.70E-01	0.00E+00	6.70E-09	3.89E-09	2.55E-04	9.20E-07	9.36E-02	0.00E+00	8.70E-01	2.97E-07	8.70E-01	9.67E-01	9.36E-02	0.00E+00	0.00E+00	0.00E+00	1.81E+01
WH12620700P	1.04E-03	1.27E-01	2.62E-02	1.00E-01	0.00E+00	0.00E+00	5.31E-01	1.56E-06	6.99E-04	8.63E-04	0.00E+00	-2.77E-03	9.88E-10	7.22E-09	3.66E-03	1.95E-01	4.47E-07	0.00E+00	5.15E-01	3.86E-02	8.71E-01	0.00E+00	6.72E-09	3.91E-09	2.54E-04	9.23E-07	9.37E-02	0.00E+00	8.71E-01	2.97E-07	8.71E-01	9.70E-01	9.37E-02	0.00E+00	0.00E+00	0.00E+00	1.81E+01
WH12620705P	1.04E-03	1.27E-01	2.62E-02	1.00E-01	0.00E+00	0.00E+00	5.31E-01	1.56E-06	6.99E-04	8.63E-04	0.00E+00	-2.77E-03	9.88E-10	7.22E-09	3.66E-03	1.95E-01	4.47E-07	0.00E+00	5.15E-01	3.86E-02	8.71E-01	0.00E+00	6.72E-09	3.91E-09	2.54E-04	9.23E-07	9.37E-02	0.00E+00	8.71E-01	2.97E-07	8.71E-01	9.70E-01	9.37E-02	0.00E+00	0.00E+00	0.00E+00	1.81E+01
WH12625300P	1.99E-03	3.23E-01	3.55E-02	2.92E-01	0.00E+00	0.00E+00	9.60E-01	2.93E-06	7.53E-04	2.67E-03	0.00E+00	-4.07E-03	1.19E-09	7.48E-09	1.22E-02	4.75E-01	5.09E-06	0.00E+00	1.29E+00	4.91E-02	3.18E+00	0.00E+00	2.57E-08	1.30E-08	7.94E-04	1.12E-06	2.24E-01	0.00E+00	3.18E+00	4.60E-07	3.18E+00	3.36E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	4.03E+01
WH12625306P	1.99E-03	3.23E-01	3.55E-02	2.92E-01	0.00E+00	0.00E+00	9.60E-01	2.93E-06	7.53E-04	2.67E-03	0.00E+00	-4.07E-03	1.19E-09	7.48E-09	1.22E-02	4.75E-01	5.09E-06	0.00E+00	1.29E+00	4.91E-02	3.18E+00	0.00E+00	2.57E-08	1.30E-08	7.94E-04	1.12E-06	2.24E-01	0.00E+00	3.18E+00	4.60E-07	3.18E+00	3.36E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	4.03E+01
WH12640300P	1.15E-03	1.71E-01	4.63E-02	1.25E-01	0.00E+00	0.00E+00	4.67E-01	8.87E-07	7.18E-04	1.13E-03	0.00E+00	-5.39E-03	8.75E-11	7.42E-09	3.33E-03	2.08E-01	0.00E+00	0.00E+00	4.54E-01	7.11E-02	8.37E-01	0.00E+00	6.98E-09	3.89E-09	3.24E-04	1.73E-06	7.68E-02	0.00E+00	8.37E-01	-4.48E-07	8.37E-01	9.14E-01	7.68E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
WH12640305P	1.10E-03	1.31E-01	5.73E-02	1.03E-01	0.00E+00	0.00E+00	5.20E-01	1.55E-06	6.72E-04	8.99E-04	0.00E+00	-7.90E-03	9.89E-10	7.37E-09	3.74E-03	2.02E-01	4.47E-07	0.00E+00	5.16E-01	8.97E-02	8.85E-01	0.00E+00	6.85E-09	3.97E-09	2.62E-04	2.16E-06	9.29E-02	0.00E+00	8.85E-01	5.86E-08	8.85E-01	1.00E+00	9.29E-02	0.00E+00	0.00E+00	0.00E+00	1.82E+01
WH12640700P	1.09E-03	1.31E-01	5.73E-02	1.03E-01	0.00E+00	0.00E+00	5.22E-01	1.55E-06	6.75E-04	9.00E-04	0.00E+00	-7.90E-03	9.89E-10	7.59E-09	3.76E-03	2.02E-01	4.47E-07	0.00E+00	5.31E-01	8.97E-02	8.86E-01	0.00E+00	6.88E-09	3.99E-09	2.62E-04	2.16E-06	9.34E-02	0.00E+00	8.86E-01	5.86E-08	8.86E-01	1.00E+00	9.34E-02	0.00E+00	0.00E+00	0.00E+00	1.84E+01
WH12640705P	1.09E-03	1.31E-01	5.73E-02	1.03E-01	0.00E+00	0.00E+00	5.22E-01	1.55E-06	6.75E-04	9.00E-04	0.00E+00	-7.90E-03	9.89E-10	7.59E-09	3.76E-03	2.02E-01	4.47E-07	0.00E+00	5.31E-01	8.97E-02	8.86E-01	0.00E+00	6.88E-09	3.99E-09	2.62E-04	2.16E-06	9.34E-02	0.00E+00	8.86E-01	5.86E-08	8.86E-01	1.00E+00	9.34E-02	0.00E+00	0.00E+00	0.00E+00	1.84E+01
WH12645300P	1.97E-03	3.12E-01	6.20E-02	2.75E-01	0.00E+00	0.00E+00	9.69E-01	2.93E-06	7.57E-04	2.45E-03	0.00E+00	-8.27E-03	1.18E-09	7.56E-09	1.14E-02	4.75E-01	5.09E-06	0.00E+00	1.28E+00	9.50E-02	3.09E+00	0.00E+00	2.49E-08	1.28E-08	7.52E-04	2.27E-06	2.18E-01	0.00E+00	3.09E+00	1.90E-07	3.09E+00	3.29E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	3.95E+01
WH12645305P	1.97E-03	3.12E-01	6.20E-02	2.75E-01	0.00E+00	0.00E+00	9.69E-01	2.93E-06	7.57E-04	2.45E-03	0.00E+00	-8.27E-03	1.18E-09	7.56E-09	1.14E-02	4.75E-01	5.09E-06	0.00E+00	1.28E+00	9.50E-02	3.09E+00	0.00E+00	2.49E-08	1.28E-08	7.52E-04	2.27E-06	2.18E-01	0.00E+00	3.09E+00	1.90E-07	3.09E+00	3.29E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	3.95E+01
WH12645306P	1.97E-03	3.12E-01	6.20E-02	2.75E-01	0.00E+00	0.00E+00	9.69E-01	2.93E-06	7.57E-04	2.45E-03	0.00E+00	-8.27E-03	1.18E-09	7.56E-09	1.14E-02	4.75E-01	5.09E-06	0.00E+00	1.28E+00	9.50E-02	3.09E+00	0.00E+00	2.49E-08	1.28E-08	7.52E-04	2.27E-06	2.18E-01	0.00E+00	3.09E+00	1.90E-07	3.09E+00	3.29E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	3.95E+01
WH12645700P	1.97E-03	3.12E-01	6.20E-02	2.75E-01	0.00E+00	0.00E+00	9.69E-01	2.93E-06	7.56E-04	2.45E-03	0.00E+00	-8.27E-03	1.18E-09	7.56E-09	1.14E-02	4.75E-01	5.09E-06	0.00E+00	1.28E+00	9.50E-02	3.09E+00	0.00E+00	2.49E-08	1.28E-08	7.52E-04	2.27E-06	2.18E-01	0.00E+00	3.09E+00	1.90E-07	3.09E+00	3.29E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	3.95E+01
WH14583300Q	6.55E-04	1.63E-01	7.26E-02	1.06E-01	0.00E+00	0.00E+00	4.38E-01	6.79E-07	3.50E-04	9.18E-04	0.00E+00	-8.84E-03	1.03E-10	4.07E-09	2.48E-03	1.40E-01	0.00E+00	0.00E+00	3.40E-01	9.92E-02	5.98E-01	0.00E+00	4.83E-09	2.37E-09	2.42E-04	2.79E-06	5.41E-02	0.00E+00	5.98E-01	-8.41E-07	5.98E-01	6.08E-01	5.41E-02	0.00E+00	0.00E+00	0.00E+00	1.30E+01
WH14585400Q	1.01E-03	2.28E-01	7.20E-02	1.59E-01	0.00E+00	0.00E+00	7.19E-01	1.50E-06	5.32E-04	1.29E-03	0.00E+00	-8.23E-03	1.10E-10	5.88E-09	4.86E-03	1.92E-01	0.00E+00	0.00E+00	5.40E-01	9.94E-02	1.20E+00	0.00E+00	1.03E-08	4.49E-09	3.59E-04	2.77E-06	8.43E-02	0.00E+00	1.20E+00	-7.47E-07	1.20E+00	1.30E+00	8.43E-02	0.00E+00	0.00E+00	0.00E+00	2.01E+01
WH14588300Q	6.56E-04	1.64E-01	7.26E-02	1.06E-01	0.00E+00	0.00E+00	4.34E-01	6.77E-07	3.58E-04	9.18E-04	0.00E+00	-8.84E-03	1.04E-10	4.03E-09	2.62E-03	1.37E-01	0.00E+00	0.00E+00	3.39E-01	9.92E-02	6.45E-01	0.00E+00	5.12E-09	2.35E-09	2.43E-04	2.79E-06	5.40E-02	0.00E+00	6.45E-01	-8.41E-07	6.45E-01	6.64E-01	5.40E-02	0.00E+00	0.00E+00	0.00E+00	1.30E+01
WH14592200Q	9.88E-04	2.34E-01	7.25E-02	1.68E-01	0.00E+00	0.00E+00	7.33E-01	1.48E-06	5.02E-04	1.41E-03	0.00E+00	-8.48E-03	1.11E-10	5.55E-09	5.14E-03	1.97E-01	0.00E+00	0.00E+00	5.44E-01	1.09E-01	1.30E+00	0.00E+00	1.14E-08	5.13E-09	4.26E-04	2.81E-06	8.64E-02	0.00E+00	1.30E+00	-7.85E-07	1.30E+00	1.43E+00	8.64E-02	0.00E+00	0.00E+00	0.00E+00	2.01E+01
WH14592205Q	9.88E-04	2.34E-01	7.25E-02	1.68E-01	0.00E+00	0.00E+00	7.33E-01	1.48E-06	5.02E-04	1.41E-03	0.00E+00	-8.48E-03	1.11E-10	5.55E-09	5.14E-03	1.97E-01	0.00E+00	0.00E+00	5.44E-01	1.09E-01	1.30E+00	0.00E+00	1.14E-08	5.13E-09	4.26E-04	2.81E-06	8.64E-02	0.00E+00	1.30E+00	-7.85E-07	1.30E+00	1.43E+00	8.64E-02	0.00E+00	0.00E+00	0.00E+00	2.01E+01

WH14595200Q	9.94E-04	2.34E-01	7.25E-02	1.66E-01	0.00E+00	0.00E+00	7.32E-01	1.50E-06	5.03E-04	1.41E-03	0.00E+00	-8.48E-03	1.12E-10	5.53E-09	5.23E-03	1.97E-01	0.00E+00	0.00E+00	5.44E-01	1.09E-01	1.35E+00	0.00E+00	1.17E-08	5.15E-09	4.26E-04	2.81E-06	8.64E-02	0.00E+00	1.35E+00	-7.85E-07	1.35E+00	1.51E+00	8.64E-02	0.00E+00	0.00E+00	0.00E+00	2.01E+01
WH14595205Q	9.94E-04	2.34E-01	7.25E-02	1.66E-01	0.00E+00	0.00E+00	7.32E-01	1.50E-06	5.03E-04	1.41E-03	0.00E+00	-8.48E-03	1.12E-10	5.53E-09	5.23E-03	1.97E-01	0.00E+00	0.00E+00	5.44E-01	1.09E-01	1.35E+00	0.00E+00	1.17E-08	5.15E-09	4.26E-04	2.81E-06	8.64E-02	0.00E+00	1.35E+00	-7.85E-07	1.35E+00	1.51E+00	8.64E-02	0.00E+00	0.00E+00	0.00E+00	2.01E+01
WH14622300Q	8.63E-04	2.00E-01	7.21E-02	1.25E-01	0.00E+00	0.00E+00	4.59E-01	7.88E-07	5.60E-04	1.04E-03	0.00E+00	-9.00E-03	1.01E-10	5.82E-09	2.82E-03	1.60E-01	1.82E-08	0.00E+00	3.91E-01	1.12E-01	6.56E-01	0.00E+00	5.38E-09	2.81E-09	2.75E-04	2.79E-06	6.23E-02	0.00E+00	6.56E-01	-9.47E-07	6.56E-01	7.05E-01	6.23E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH14622305Q	8.63E-04	2.00E-01	7.21E-02	1.25E-01	0.00E+00	0.00E+00	4.59E-01	7.88E-07	5.60E-04	1.04E-03	0.00E+00	-9.00E-03	1.01E-10	5.82E-09	2.82E-03	1.60E-01	1.82E-08	0.00E+00	3.91E-01	1.12E-01	6.56E-01	0.00E+00	5.38E-09	2.81E-09	2.75E-04	2.79E-06	6.23E-02	0.00E+00	6.56E-01	-9.47E-07	6.56E-01	7.05E-01	6.23E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH14622306Q	8.63E-04	2.00E-01	7.21E-02	1.25E-01	0.00E+00	0.00E+00	4.59E-01	7.88E-07	5.60E-04	1.04E-03	0.00E+00	-9.00E-03	1.01E-10	5.82E-09	2.82E-03	1.60E-01	1.82E-08	0.00E+00	3.91E-01	1.12E-01	6.56E-01	0.00E+00	5.38E-09	2.81E-09	2.75E-04	2.79E-06	6.23E-02	0.00E+00	6.56E-01	-9.47E-07	6.56E-01	7.05E-01	6.23E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH14622700Q	8.38E-04	2.00E-01	7.21E-02	1.25E-01	0.00E+00	0.00E+00	4.59E-01	7.92E-07	5.62E-04	1.04E-03	0.00E+00	-9.00E-03	1.01E-10	5.85E-09	2.82E-03	1.60E-01	1.82E-08	0.00E+00	3.92E-01	1.12E-01	6.56E-01	0.00E+00	5.39E-09	2.81E-09	2.75E-04	2.79E-06	6.24E-02	0.00E+00	6.56E-01	-9.47E-07	6.56E-01	7.05E-01	6.24E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
WH14623300Q	8.05E-04	1.77E-01	7.16E-02	1.16E-01	0.00E+00	0.00E+00	4.42E-01	7.47E-07	5.40E-04	1.01E-03	0.00E+00	-8.90E-03	1.00E-10	5.77E-09	2.70E-03	1.57E-01	1.82E-08	0.00E+00	3.82E-01	1.09E-01	6.37E-01	0.00E+00	5.18E-09	2.69E-09	2.68E-04	2.78E-06	6.00E-02	0.00E+00	6.37E-01	-9.12E-07	6.37E-01	6.76E-01	6.00E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
WH14625300Q	8.99E-04	1.98E-01	7.22E-02	1.26E-01	0.00E+00	0.00E+00	4.57E-01	7.85E-07	5.63E-04	1.05E-03	0.00E+00	-9.00E-03	1.06E-10	5.78E-09	2.95E-03	1.58E-01	1.82E-08	0.00E+00	3.93E-01	1.12E-01	6.88E-01	0.00E+00	5.55E-09	2.79E-09	2.79E-04	2.80E-06	6.21E-02	0.00E+00	6.88E-01	-9.46E-07	6.88E-01	7.42E-01	6.21E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH14625305Q	8.99E-04	1.98E-01	7.22E-02	1.26E-01	0.00E+00	0.00E+00	4.57E-01	7.85E-07	5.63E-04	1.05E-03	0.00E+00	-9.00E-03	1.06E-10	5.78E-09	2.95E-03	1.58E-01	1.82E-08	0.00E+00	3.93E-01	1.12E-01	6.88E-01	0.00E+00	5.55E-09	2.79E-09	2.79E-04	2.80E-06	6.21E-02	0.00E+00	6.88E-01	-9.46E-07	6.88E-01	7.42E-01	6.21E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH14625700Q	8.11E-04	1.76E-01	7.09E-02	1.14E-01	0.00E+00	0.00E+00	4.31E-01	7.53E-07	5.44E-04	1.01E-03	0.00E+00	-8.89E-03	1.05E-10	5.76E-09	2.82E-03	1.51E-01	1.82E-08	0.00E+00	3.75E-01	1.08E-01	6.69E-01	0.00E+00	5.30E-09	2.65E-09	2.67E-04	2.76E-06	5.88E-02	0.00E+00	6.69E-01	-9.10E-07	6.69E-01	7.11E-01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH14642300Q	1.11E-03	2.12E-01	7.55E-02	1.37E-01	0.00E+00	0.00E+00	5.61E-01	9.55E-07	7.14E-04	1.17E-03	0.00E+00	-8.99E-03	1.05E-10	7.66E-09	3.40E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	1.19E-01	7.44E-01	0.00E+00	6.23E-09	3.40E-09	3.21E-04	2.88E-06	7.53E-02	0.00E+00	7.44E-01	-9.56E-07	7.44E-01	8.19E-01	7.53E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH14642305Q	1.12E-03	2.17E-01	6.96E-02	1.34E-01	0.00E+00	0.00E+00	5.62E-01	9.63E-07	7.27E-04	1.13E-03	0.00E+00	-8.92E-03	1.06E-10	7.71E-09	3.31E-03	2.05E-01	1.82E-08	0.00E+00	4.72E-01	1.12E-01	7.08E-01	0.00E+00	6.02E-09	3.35E-09	3.15E-04	2.70E-06	7.34E-02	0.00E+00	7.08E-01	-9.49E-07	7.08E-01	7.80E-01	7.34E-02	0.00E+00	0.00E+00	0.00E+00	1.73E+01
WH14642306Q	1.12E-03	2.17E-01	6.96E-02	1.34E-01	0.00E+00	0.00E+00	5.62E-01	9.63E-07	7.27E-04	1.13E-03	0.00E+00	-8.92E-03	1.06E-10	7.71E-09	3.31E-03	2.05E-01	1.82E-08	0.00E+00	4.72E-01	1.12E-01	7.08E-01	0.00E+00	6.02E-09	3.35E-09	3.15E-04	2.70E-06	7.34E-02	0.00E+00	7.08E-01	-9.49E-07	7.08E-01	7.80E-01	7.34E-02	0.00E+00	0.00E+00	0.00E+00	1.73E+01
WH14642700Q	1.14E-03	2.14E-01	6.96E-02	1.33E-01	0.00E+00	0.00E+00	5.67E-01	9.77E-07	7.46E-04	1.13E-03	0.00E+00	-8.95E-03	1.06E-10	7.90E-09	3.31E-03	2.08E-01	1.82E-08	0.00E+00	4.89E-01	1.12E-01	7.10E-01	0.00E+00	6.06E-09	3.39E-09	3.16E-04	2.70E-06	7.36E-02	0.00E+00	7.10E-01	-9.49E-07	7.10E-01	7.86E-01	7.36E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH14914500Q	2.19E-03	3.63E-01	6.98E-02	2.74E-01	0.00E+00	0.00E+00	1.34E+00	3.01E-06	7.93E-04	2.61E-03	0.00E+00	-7.91E-03	2.40E-10	8.52E-09	1.30E-02	5.25E-01	1.82E-08	0.00E+00	1.25E+00	1.03E-01	3.45E+00	0.00E+00	2.87E-08	1.29E-08	8.37E-04	2.73E-06	2.35E-01	0.00E+00	3.45E+00	-5.91E-07	3.45E+00	3.71E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.52E+01
WH14916500Q	8.68E-04	1.32E-01	5.86E-02	1.01E-01	0.00E+00	0.00E+00	5.37E-01	1.01E-06	5.13E-04	9.31E-04	0.00E+00	-7.63E-03	9.49E-11	5.48E-09	4.41E-03	1.77E-01	1.82E-08	0.00E+00	4.32E-01	9.93E-02	7.09E-01	0.00E+00	5.95E-09	3.37E-09	2.84E-04	2.25E-06	7.11E-02	0.00E+00	7.09E-01	-8.69E-07	7.09E-01	7.72E-01	7.11E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
WH20580300A	1.14E-04	4.93E-02	1.27E-02	3.66E-02	0.00E+00	0.00E+00	1.14E-01	2.01E-07	4.68E-05	3.05E-04	0.00E+00	-1.51E-03	2.05E-11	5.26E-10	8.41E-04	3.17E-02	0.00E+00	0.00E+00	8.44E-02	1.99E-02	1.83E-01	0.00E+00	1.57E-09	7.34E-10	7.39E-05	4.84E-07	1.40E-02	0.00E+00	1.83E-01	-1.37E-07	1.83E-01	1.97E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.96E+00
WH20580300B	3.79E-04	6.01E-02	1.11E-02	4.90E-02	0.00E+00	0.00E+00	2.74E-01	5.13E-07	2.18E-04	4.45E-04	0.00E+00	-1.22E-03	4.93E-11	2.44E-09	1.69E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	1.60E-02	3.86E-01	0.00E+00	3.13E-09	1.62E-09	1.24E-04	3.92E-07	3.83E-02	0.00E+00	3.86E-01	-6.73E-08	3.86E-01	4.24E-01	3.83E-02	0.00E+00	0.00E+00	0.00E+00	8.02E+00
WH20580303A	3.69E-04	4.14E-02	1.18E-02	3.64E-02	0.00E+00	0.00E+00	1.68E-01	3.73E-07	2.00E-04	3.52E-04	0.00E+00	-1.42E-03	3.28E-11	1.83E-09	1.23E-03	7.50E-02	0.00E+00	0.00E+00	1.54E-01	1.66E-02	3.41E-01	0.00E+00	2.51E-09	1.44E-09	9.45E-05	4.03E-07	2.94E-02	0.00E+00	3.41E-01	-8.23E-08	3.41E-01	3.58E-01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	5.94E+00
WH20580303B	4.52E-04	6.47E-02	1.24E-02	5.30E-02	0.00E+00	0.00E+00	2.81E-01	6.10E-07	2.38E-04	5.01E-04	0.00E+00	-1.42E-03	5.77E-11	2.37E-09	2.06E-03	1.28E-01	0.00E+00	0.00E+00	2.69E-01	1.67E-02	4.97E-01	0.00E+00	3.70E-09	2.37E-09	1.68E-04	4.37E-07	4.90E-02	0.00E+00	4.97E-01	-2.46E-08	4.97E-01	4.92E-01	4.90E-02	0.00E+00	0.00E+00	0.00E+00	1.02E+01
WH20580304A	5.69E-04	8.71E-02	1.27E-02	5.81E-02	0.00E+00	0.00E+00	3.97E-01	6.26E-07	2.89E-04	5.33E-04	0.00E+00	-1.42E-03	6.98E-11	3.23E-09	2.44E-03	1.39E-01	0.00E+00	0.00E+00	3.33E-01	1.76E-02	5.32E-01	0.00E+00	4.16E-09	2.51E-09	1.72E-04	4.40E-07	6.29E-02	0.00E+00	5.32E-01	-3.95E-08	5.32E-01	5.70E-01	6.29E-02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
WH20580304B	4.52E-04	6.47E-02	1.24E-02	5.30E-02	0.00E+00	0.00E+00	2.81E-01	6.10E-07	2.38E-04	5.01E-04	0.00E+00	-1.42E-03	5.77E-11	2.37E-09	2.06E-03	1.28E-01	0.00E+00	0.00E+00	2.69E-01	1.67E-02	4.97E-01	0.00E+00	3.70E-09	2.37E-09	1.68E-04	4.37E-07	4.90E-02	0.00E+00	4.97E-01	-2.46E-08	4.97E-01	4.92E-01	4.90E-02	0.00E+00	0.00E+00	0.00E+00	1.02E+01
WH20580305A	3.42E-04	5.22E-02	1.07E-02	4.15E-02	0.00E+00	0.00E+00	1.58E-01	2.80E-07	2.11E-04	3.68E-04	0.00E+00	-1.22E-03	2.99E-11	2.19E-09	1.08E-03	6.48E-02	0.00E+00	0.00E+00	1.44E-01	1.60E-02	2.59E-01	0.00E+00	2.19E-09	1.21E-09	1.03E-04	3.91E-07	2.51E-02	0.00E+00	2.59E-01	-9.62E-08	2.59E-01	2.85E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	5.28E+00
WH20580305B	4.52E-04	6.47E-02	1.24E-02	5.30E-02	0.00E+00	0.00E+00	2.81E-01	6.10E-07	2.38E-04	5.01E-04	0.00E+00	-1.42E-03	5.77E-11	2.37E-09	2.06E-03	1.28E-01	0.00E+00	0.00E+00	2.69E-01	1.67E-02	4.97E-01	0.00E+00	3.70E-09	2.37E-09	1.68E-04	4.37E-07	4.90E-02	0.00E+00	4.97E-01	-2.46E-08	4.97E-01	4.92E-01	4.90E-02	0.00E+00	0.00E+00	0.00E+00	1.02E+01
WH20580306A	5.36E-04	8.53E-02	1.24E-02	5.78E-02	0.00E+00	0.00E+00	3.79E-01	6.41E-07	2.79E-04	5.33E-04	0.00E+00	-1.42E-03	6.82E-11	3.12E-09	2.26E-03	1.39E-01	0.00E+00	0.00E+00	3.23E-01	1.75E-02	5.21E-01	0.00E+00	4.18E-09	2.50E-09	1.72E-04	4.35E-07	6.39E-02	0.00E+00	5.21E-01	-3.85E-08	5.21E-01	5.65E-01	6.39E-02	0.00E+00	0.00E+00	0.00E+00	1.30E+01
WH20580306B	4.52E-04	6.47E-02	1.24E-02	5.30E-02	0.00E+00	0.00E+00	2.81E-01	6.10E-07	2.38E-04	5.01E-04	0.00E+00	-1.42E-03	5.77E-11	2.37E-09	2.06E-03	1.28E-01	0.00E+00	0.00E+00	2.69E-01	1.67E-02	4.97E-01	0.00E+00	3.70E-09	2.37E-09	1.68E-04	4.37E-07	4.90E-02	0.00E+00	4.97E-01	-2.46E-08	4.97E-01	4.92E-01	4.90E-02	0.00E+00	0.00E+00	0.00E+00	1.02E+01
WH20580307A	3.69E-04	4.14E-02	1.18E-02	3.64E-02	0.00E+00	0.00E+00	1.68E-01	3.73E-07	2.00E-04	3.52E-04	0.00E+00	-1.42E-03	3.28E-11	1.83E-09	1.23E-03	7.50E-02	0.00E+00	0.00E+00	1.54E-01	1.66E-02	3.41E-01	0.00E+00	2.51E-09	1.44E-09	9.45E-05	4.03E-07	2.94E-02	0.00E+00	3.41E-01	-8.23E-08	3.41E-01	3.58E-01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	5.94E+00
WH20580307B	4.52E-04	6.47E-02	1.24E-02	5.30E-02	0.00E+00	0.00E+00	2.81E-01	6.10E-07	2.38E-04	5.01E-04	0.00E+00	-1.42E-03	5.77E-11	2.37E-09	2.06E-03	1.28E-01	0.00E+00	0.00E+00	2.69E-01	1.67E-02	4.97E-01	0.00E+00	3.70E-09	2.37E-09	1.68E-04	4.37E-07	4.90E-02	0.00E+00	4.97E-01	-2.46E-08	4.97E-01	4.92E-01	4.90E-02	0.00E+00	0.00E+00	0.00E+00	1.02E+01
WH20580309A	3.69E-04	4.14E-02	1.18E-02	3.64E-02	0.00E+00	0.00E+00	1.68E-01	3.73E-07	2.00E-04	3.52E-04	0.00E+00	-1.42E-03	3.28E-11	1.83E-09	1.23E-03	7.50E-02	0.00E+00	0.00E+00	1.54E-01	1.66E-02	3.41E-01	0.00E+00	2.51E-09	1.44E-09	9.45E-05	4.03E-07	2.94E-02	0.00E+00	3.41E-01	-8.23E-08	3.41E-01	3.58E-01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	5.94E+00
WH20583300B	5.30E-04	5.58E-02	1.22E-02	4.57E-02	0.00E+00	0.00E+00	2.58E-01	5.95E-07	2.78E-04	4.75E-04	0.00E+00	-1.39E-03	4.35E-11	2.96E-09	2.02E-03	1.23E-01	0.00E+00	0.00E+00	2.76E-01	1.70E-02	4.96E-01	0.00E+00	3.97E-09	2.31E-09	1.60E-04	4.29E-07	4.67E-02	0.00E+00	4.96E-01	-4.37E-08	4.96E-01	5.09E-01	4.67E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
WH20583303B	4.72E-04	5.92E-02	1.21E-02	5.03E-02	0.00E+00	0.00E+00	2.59E-01	5.92E-07	2.42E-04	4.71E-04	0.00E+00	-1.41E-03	4.27E-11	2.41E-09	2.06E-03	1.20E-01	0.00E+00	0.00E+00	2.71E-01	1.70E-02	4.92E-01	0.00E+00	3.93E-09	2.30E-09	1.55E-04	4.33E-07	4.64E-02	0.00E+00	4.92E-01	-3.98E-08	4.92E-01	5.03E-01	4.64E-02	0.00E+00	0.00E+00	0.00E+00	1.00E+01
WH20583306A	6.76E-04	1.08E-01	1.81E-02	6.44E-02	0.00E+00	0.00E+00	5.25E-01	9.27E-07	3.30E-04	6.63E-04	0.00E+00	-1.49E-03	9.67E-11	4.03E-09	3.66E-03	1.53E-01	0.00E+00	0.00E+00	4.63E-01	1.72E-02	7.53E-01	0.00E+00	5.97E-09	2.96E-09	1.95E-04	5.16E-07	7.74E-02	0.00E+00	7.53E-01	5.70E-08	7.53E-01	8.50E-01	7.74E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
WH20583306B	6.67E-04	1.08E-01	1.79E-02	6.45E-02	0.00E+00	0.00E+00	5.26E-01	9.16E-07	3.29E-04	6.62E-04	0.00E+00	-1.49E-03	9.67E-11	4.09E-09	3.66E-03	1.56E-01	0.00E+00	0.00E+00	4.62E-01	1.68E-02	7.54E-01	0.00E+00	5.99E-09	2.98E-09	1.95E-04	5.18E-07	7.74E-02	0.00E+00	7.54E-01	6.21E-08	7.54E-01	8.53E-01	7.74E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
WH20585300A	3.42E-04	5.22E-02	1.07E-02	4.15E-02	0.00E+00	0.00E+00	1.58E-01	2.80E-07	2.11E-04	3.68E-04	0.00E+00	-1.22E-03	2.99E-11	2.19E-09	1.08E-03	6.48E-02	0.00E+00	0.00E+00	1.44E-01	1.60E-02	2.59E-01	0.00E+00	2.19E-09	1.21E-09	1.03E-04	3.91E-07	2.51E-02	0.00E+00	2.59E-01	-9.62E-08	2.59E-01	2.85E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	5.28E+00
WH20585300B	3.79E-04	6.01E-02	1.11E-02	4.90E-02	0.00E+00	0.00E+00	2.74E-01	5.13E-07	2.18E-04	4.45E-04	0.00E+00	-1.22E-03	4.93E-11	2.44E-09	1.69E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	1.60E-02	3.86E-01	0.00E+00	3.13E-09	1.62E-09	1.24E-04	3.92E-07	3.83E-02	0.00E+00	3.86E-01	-6.73E-08	3.86E-01	4.24E-01	3.83E-02	0.00E+00	0.00E+00	0.00E+00	8.02E+00
WH20585303A	3.89E-04	4.10E-02	1.15E-02	3.64E-02	0.00E+00	0.00E+00	1.68E-01	3.88E-07	2.01E-04	3.53E-04	0.00E+00	-1.37E-03	3.29E-11	2.08E-09	1.24E-03	7.79E-02	0.00E+00	0.00E+00	1.62E-01	1.62E-02	3.44E-01	0.00E+00	2.53E-09	1.48E-09	9.50E-05	3.91E-07	3.09E-02	0.00E+00	3.44E-01	-4.07E-08	3.44E-01	3.63E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.19E+00
WH20585303B	4.74E-04	6.44E-02	1.21E-02	5.25E-02	0.00E+00	0.00E+00	2.85E-01	6.20E-07	2.40E-04	5.11E-04	0.00E+00	-1.37E-03	5.80E-11	2.40E-09	2.17E-03	1.39E-01	0.00E+00	0.00E+00	3.07E-01	1.64E-02	5.98E-01	0.00E+00	4.74E-09	2.92E-09	1.76E-04	4.14E-07	5.28E-02	0.00E+00	5.98E-01	1.16E-07	5.98E-01	6.10E-01	5.28E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
WH20585304A	3.89E-04	4.10E-02	1.15E-02	3.64E-02	0.00E+00	0.00E+00	1.68E-01	3.88E-07	2.01E-04	3.53E-04	0.00E+00	-1.37E-03	3.29E-11	2.08E-09	1.24E-03	7.79E-02	0.00E+00	0.00E+00	1.62E-01	1.62E-02	3.44E-01	0.00E+00	2.53E-09	1.48E-09	9.50E-05	3.91E-07	3.09E-02	0.00E+00	3.44E-01	-4.07E-08	3.44E-01	3.63E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.19E+00
WH20585305A	3.89E-04	4.10E-02	1.15E-02	3.64E-02	0.00E+00	0.00E+00	1.68E-01	3.88E-07	2.01E-04	3.53E-04	0.00E+00	-1.37E-03	3.29E-11	2.08E-09	1.24E-03	7.79E-02	0.00E+00	0.00E+00	1.62E-01	1.62E-02	3.44E-01	0.00E+00	2.53E-09	1.48E-09	9.50E-05	3.91E-07	3.09E-02	0.00E+00	3.44E-01	-4.07E-08	3.44E-01	3.63E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.19E+00
WH20585305B	4.74E-04	6.44E-02	1.21E-02	5.25E-02	0.00E+00	0.00E+00	2.85E-01	6.20E-07	2.40E-04	5.11E-04	0.00E+00	-1.37E-03	5.80E-11	2.40E-09	2.17E-03	1.39E-01	0.00E+00	0.00E+00	3.07E-01	1.64E-02	5.98E-01	0.00E+00	4.74E-09	2.92E-09	1.76E-04	4.14E-07	5.28E-02	0.00E+00	5.98E-01	1.16E-07	5.98E-01	6.10E-01	5.28E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
WH20585306A	5.56E-04	8.66E-02	1.24E-02	5.88E-02	0.00E+00	0.00E+00	3.89E-01	6.13E-07	2.65E-04	5.40E-04	0.00E+00	-1.37E-03	6.89E-11	3.21E-09	2.47E-03	1.45E-01	0.00E+00	0.00E+00	3.44E-01	1.70E-02	6.25E-01	0.00E+00	5.09E-09	3.04E-09	1.83E-04	4.21E-07	6.34E-02	0.00E+00	6.25E-01	1.01E-07	6.25E-01	6.60E-01	6.34E-02	0.00E+00	0.00E+00	0.00E+00	1.32E+01
WH20585306B	4.74E-04	6.44E-02	1.21E-02	5.25E-02	0.00E+00	0.00E+00	2.85E-01	6.20E-07	2.40E-04	5.11E-04	0.00E+00	-1.37E-03	5.80E-11	2.40E-09	2.17E-03	1.39E-01	0.00E+00	0.00E+00	3.07E-01	1.64E-02	5.98E-01	0.00E+00	4.74E-09	2.92E-09	1.76E-04	4.14E-07	5.28E-02	0.00E+00	5.98E-01	1.16E-07	5.98E-01	6.10E-01	5.28E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
WH20585307A	3.89E-04	4.10E-02	1.15E-02	3.64E-02	0.00E+00	0.00E+00	1.68E-01	3.88E-07	2.01E-04	3.53E-04	0.00E+00	-1.37E-03	3.29E-11	2.08E-09	1.24E-03	7.79E-02	0.00E+00	0.00E+00	1.62E-01	1.62E-02	3.44E-01	0.00E+00	2.53E-09	1.48E-09	9.50E-05	3.91E-07	3.09E-02	0.00E+00	3.44E-01	-4.07E-08	3.44E-01	3.63E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.19E+00
WH20585307B	4.74E-04	6.44E-02	1.21E-02	5.25E-02	0.00E+00	0.00E+00	2.85E-01	6.20E-07	2.40E-04	5.11E-04	0.00E+00	-1.37E-03	5.80E-11	2.40E-09	2.17E-03	1.39E-01	0.00E+00	0.00E+00	3.07E-01	1.64E-02	5.98E-01	0.00E+00	4.74E-09	2.92E-09	1.76E-04	4.14E-07	5.28E-02	0.00E+00	5.98E-01	1.16E-07	5.98E-01	6.10E-01	5.28E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
WH20585309A	3.89E-04	4.10E-02	1.15E-02	3.64E-02	0.00E+00	0.00E+00	1.68E-01	3.88E-07	2.01E-04	3.53E-04	0.00E+00	-1.37E-03	3.29E-11	2.08E-09	1.24E-03	7.79E-02	0.00E+00	0.00E+00	1.62E-01	1.62E-02	3.44E-01	0.00E+00	2.53E-09	1.48E-09	9.50E-05	3.91E-07	3.09E-02	0.00E+00	3.44E-01	-4.07E-08	3.44E-01	3.63E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.19E+00
WH20585400A	6.96E-04	1.02E-01	1.40E-02	8.25E-02	0.00E+00	0.00E+00	4.70E-01	8.38E-07	3.42E-04	7.91E-04	0.00E+00	-1.24E-03	7.40E-11	4.05E-09	3.08E-03	1.55E-01	0.00E+00	0.00E+00	3.66E-01	1.71E-02	7.33E-01	0.00E+00	6.21E-09	3.35E-09	2.04E-04	4.23E-07	7.12E-02	0.00E+00	7.33E-01	2.16E-07	7.33E-01	8.06E-01	7.12E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
WH20585400B	7.98E-04	1.27E-01	1.53E-02	9.10E-02	0.00E+00	0.00E+00	6.89E-01	1.30E-06	3.98E-04	8.85E-04	0.00E+00	-1.24E-03	9.76E-11	4.50E-09	4.30E-03	1.82E-01	0.00E+00	0.00E+00	5.20E-01	1.67E-02	9.24E-01	0.00E+00	7.70E-09	3.89E-09	2.34E-04	4.22E-07	8.36E-02	0.00E+00	9.24E-01	2.88E-07	9.24E-01	1.06E+00	8.36E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+01
WH20585403A	6.81E-04	1.03E-01	1.40E-02	8.23E-02	0.00E+00	0.00E+00	4.52E-01	8.11E-07	3.21E-04	7.68E-04	0.00E+00	-1.24E-03	7.40E-11	3.66E-09	3.05E-03	1.54E-01	0.00E+00	0.00E+00	3.67E-01	1.74E-02	7.24E-01	0.00E+00	6.14E-09	3.33E-09	2.04E-04	4.27E-07	7.09E-02	0.00E+00	7.24E-01	2.05E-07	7.24E-01	7.94E-01	7.09E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
WH20585404A	6.81E-04	1.03E-01	1.40E-02	8.23E-02	0.00E+00	0.00E+00	4.52E-01	8.11E-07	3.21E-04	7.68E-04	0.00E+00	-1.24E-03	7.40E-11	3.66E-09	3.05E-03	1.54E-01	0.00E+00	0.00E+00	3.67E-01	1.74E-02	7.24E-01	0.00E+00	6.14E-09	3.33E-09	2.04E-04	4.27E-07	7.09E-02	0.00E+00	7.24E-01	2.05E-07	7.24E-01	7.94E-01	7.09E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
WH20585404B	4.74E-04	3.90E-02	1.23E-02	3.72E-02	0.00E+00	0.00E+00	1.92E-01	4.66E-07	2.42E-04	3.49E-04	0.00E+00	-1.24E-03	3.47E-11	2.55E-09	1.34E-03	8.18E-02	0.00E+00	0.00E+00	1.72E-01	1.63E-02	3.40E-01	0.00E+00	2.70E-09	1.84E-09	9.27E-05	4.01E-07	3.29E-02	0.00E+00	3.40E-01	3.49E-08	3.40E-01	3.63E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	6.55E+00
WH20585405A	6.81E-04	1.03E-01	1.40E-02	8.23E-02	0.00E+00	0.00E+00	4.52E-01	8.11E-07	3.21E-04	7.68E-04	0.00E+00	-1.24E-03	7.40E-11	3.66E-09	3.05E-03	1.54E-01	0.00E+00	0.00E+00	3.67E-01	1.74E-02	7.24E-01	0.00E+00	6.14E-09	3.33E-09	2.04E-04	4.27E-07	7.09E-02	0.00E+00	7.24E-01	2.05E-07	7.24E-01	7.94E-01	7.09E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
WH20585405B	4.74E-04	3.90E-02	1.23E-02	3.72E-02	0.00E+00	0.00E+00	1.92E-01	4.66E-07	2.42E-04	3.49E-04	0.00E+00	-1.24E-03	3.47E-11	2.55E-09	1.34E-03	8.18E-02	0.00E+00	0.00E+00	1.72E-01	1.63E-02	3.40E-01	0.00E+00	2.70E-09	1.84E-09	9.27E-05	4.01E-07	3.29E-02	0.00E+00	3.40E-01	3.49E-08	3.40E-01	3.63E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	6.55E+00
WH20588300B	5.03E-04	5.87E-02	1.18E-02	4.97E-02	0.00E+00	0.00E+00	2.58E-01	5.93E-07	2.77E-04	4.78E-04	0.00E+00	-1.36E-03	4.27E-11	2.85E-09	2.12E-03	1.25E-01	0.00E+00	0.00E+00	2.92E-01	1.64E-02	5.83E-01	0.00E+00	4.66E-09	2.74E-09	1.62E-04	4.07E-07	4.79E-02	0.00E+00	5.83E-01	4.85E-08	5.83E-01	5.92E-01	4.79E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH20588303B	4.89E-04	5.84E-02	1.18E-02	4.99E-02	0.00E+00	0.00E+00	2.63E-01	6.09E-07	2.42E-04	4.73E-04	0.00E+00	-1.36E-03	4.27E-11	2.47E-09	2.17E-03	1.29E-01	0.00E+00	0.00E+00	3.03E-01	1.63E-02	5.79E-01	0.00E+00	4.64E-09	2.74E-09	1.63E-04	4.07E-07	4.96E-02	0.00E+00	5.79E-01	4.74E-08	5.79E-01	6.04E-01	4.96E-02	0.00E+00	0.00E+00	0.00E+00	1.08E+01
WH20588305B	4.89E-04	5.84E-02	1.18E-02	4.99E-02	0.00E+00	0.00E+00	2.63E-01	6.09E-07	2.42E-04	4.73E-04	0.00E+00	-1.36E-03	4.27E-11	2.47E-09	2.17E-03	1.29E-01	0.00E+00	0.00E+00	3.03E-01	1.63E-02	5.79E-01	0.00E+00	4.64E-09	2.74E-09	1.63E-04	4.07E-07	4.96E-02	0.00E+00	5.79E-01	4.74E-08	5.79E-01	6.04E-01	4.96E-02	0.00E+00	0.00E+00	0.00E+00	1.08E+01
WH20588306B	6.75E-04	1.09E-01	1.78E-02	6.52E-02	0.00E+00	0.00E+00	5.31E-01	9.09E-07	3.26E-04	6.75E-04	0.00E+00	-1.45E-03	9.73E-11	4.14E-09	3.71E-03	1.60E-01	0.00E+00	0.00E+00	4.61E-01	1.65E-02	8.54E-01	0.00E+00	6.92E-09	3.60E-09	2.03E-04	5.04E-07	7.76E-02	0.00E+00	8.54E-01	1.63E-07	8.54E-01	9.38E-01	7.76E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
WH20592200A	9.22E-04	9.86E-02	1.36E-02	8.50E-02	0.00E+00	0.00E+00	6.24E-01	1.15E-06	3.35E-04	7.93E-04	0.00E+00	-1.36E-03	1.10E-10	4.26E-09	3.67E-03	1.64E-01	0.00E+00	0.00E+00	4.65E-01	1.79E-02	7.89E-01	0.00E+00	6.42E-09	3.13E-09	2.20E-04	4.42E-07	8.11E-02	0.00E+00	7.89E-01	-2.25E-08	7.89E-01	8.70E-01	8.11E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
WH20592200B	5.41E-04	3.82E-02	1.27E-02	3.90E-02	0.00E+00	0.00E+00	1.92E-01	4.82E-07	2.92E-04	3.61E-04	0.00E+00	-1.41E-03	3.58E-11	2.99E-09	1.34E-03	8.42E-02	0.00E+00	0.00E+00	1.76E-01	1.68E-02	3.43E-01	0.00E+00	2.71E-09	1.81E-09	9.53E-05	4.12E-07	3.21E-02	0.00E+00	3.43E-01	-5.38E-08	3.43E-01	3.65E-01	3.21E-02	0.00E+00	0.00E+00	0.00E+00	6.82E+00
WH20592203A	5.25E-04	3.91E-02	1.27E-02	3.96E-02	0.00E+00	0.00E+00	1.83E-01	4.49E-07	2.41E-04	3.55E-04	0.00E+00	-1.42E-03	3.47E-11	2.35E-09	1.32E-03	8.12E-02	0.00E+00	0.00E+00	1.60E-01	1.71E-02	3.37E-01	0.00E+00	2.69E-09	1.81E-09	9.37E-05	4.12E-07	3.09E-02	0.00E+00	3.37E-01	-6.33E-08	3.37E-01	3.61E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.23E+00
WH20592204A	5.22E-04	3.91E-02	1.26E-02	3.86E-02	0.00E+00	0.00E+00	1.83E-01	4.49E-07	2.41E-04	3.53E-04	0.00E+00	-1.42E-03	3.47E-11	2.35E-09	1.32E-03	8.12E-02	0.00E+00	0.00E+00	1.60E-01	1.69E-02	3.37E-01	0.00E+00	2.69E-09	1.80E-09	9.33E-05	4.10E-07	3.09E-02	0.00E+00	3.37E-01	-9.65E-09	3.37E-01	3.61E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.23E+00
WH20592204B	5.21E-04	3.90E-02	1.27E-02	3.87E-02	0.00E+00	0.00E+00	1.92E-01	4.79E-07	2.41E-04	3.54E-04	0.00E+00	-1.42E-03	3.47E-11	2.41E-09	1.33E-03	8.18E-02	0.00E+00	0.00E+00	1.68E-01	1.67E-02	3.37E-01	0.00E+00	2.69E-09	1.82E-09	9.33E-05	4.09E-07	3.18E-02	0.00E+00	3.37E-01	-7.44E-09	3.37E-01	3.61E-01	3.18E-02	0.00E+00	0.00E+00	0.00E+00	6.41E+00
WH20592205A	5.25E-04	3.91E-02	1.27E-02	3.96E-02	0.00E+00	0.00E+00	1.83E-01	4.49E-07	2.41E-04	3.55E-04	0.00E+00	-1.42E-03	3.47E-11	2.35E-09	1.32E-03	8.12E-02	0.00E+00	0.00E+00	1.60E-01	1.71E-02	3.37E-01	0.00E+00	2.69E-09	1.81E-09	9.37E-05	4.12E-07	3.09E-02	0.00E+00	3.37E-01	-6.33E-08	3.37E-01	3.61E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.23E+00
WH20592207A	5.25E-04	3.91E-02	1.27E-02	3.96E-02	0.00E+00	0.00E+00	1.83E-01	4.49E-07	2.41E-04	3.55E-04	0.00E+00	-1.42E-03	3.47E-11	2.35E-09	1.32E-03	8.12E-02	0.00E+00	0.00E+00	1.60E-01	1.71E-02	3.37E-01	0.00E+00	2.69E-09	1.81E-09	9.37E-05	4.12E-07	3.09E-02	0.00E+00	3.37E-01	-6.33E-08	3.37E-01	3.61E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.23E+00
WH20592209A	5.25E-04	3.91E-02	1.27E-02	3.96E-02	0.00E+00	0.00E+00	1.83E-01	4.49E-07	2.41E-04	3.55E-04	0.00E+00	-1.42E-03	3.47E-11	2.35E-09	1.32E-03	8.12E-02	0.00E+00	0.00E+00	1.60E-01	1.71E-02	3.37E-01	0.00E+00	2.69E-09	1.81E-09	9.37E-05	4.12E-07	3.09E-02	0.00E+00	3.37E-01	-6.33E-08	3.37E-01	3.61E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.23E+00
WH20592209B	5.24E-04	3.90E-02	1.27E-02	3.97E-02	0.00E+00	0.00E+00	1.92E-01	4.79E-07	2.41E-04	3.56E-04	0.00E+00	-1.42E-03	3.47E-11	2.41E-09	1.33E-03	8.18E-02	0.00E+00	0.00E+00	1.68E-01	1.69E-02	3.37E-01	0.00E+00	2.69E-09	1.82E-09	9.37E-05	4.11E-07	3.18E-02	0.00E+00	3.37E-01	-5.79E-08	3.37E-01	3.61E-01	3.18E-02	0.00E+00	0.00E+00	0.00E+00	6.41E+00
WH20593200A	7.51E-04	9.39E-02	1.28E-02	8.11E-02	0.00E+00	0.00E+00	3.11E-01	5.10E-07	4.83E-04	7.19E-04	0.00E+00	-1.36E-03	6.05E-11	4.94E-09	1.98E-03	1.34E-01	0.00E+00	0.00E+00	2.86E-01	1.79E-02	4.74E-01	0.00E+00	4.07E-09	2.35E-09	2.03E-04	4.39E-07	5.15E-02	0.00E+00	4.74E-01	-1.04E-07	4.74E-01	5.26E-01	5.15E-02	0.00E+00	0.00E+00	0.00E+00	1.05E+01
WH20593203A	1.34E-03	2.36E-01	2.17E-02	1.61E-01	0.00E+00	0.00E+00	6.76E-01	1.37E-06	6.80E-04	1.47E-03	0.00E+00	-1.59E-03	1.19E-10	7.78E-09	4.87E-03	2.35E-01	5.36E-06	0.00E+00	6.77E-01	2.11E-02	1.59E+00	0.00E+00	1.36E-08	6.35E-09	4.61E-04	5.77E-07	1.15E-01	0.00E+00	1.59E+00	3.57E-09	1.59E+00	1.71E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
WH20593204A	1.34E-03	2.36E-01	2.17E-02	1.61E-01	0.00E+00	0.00E+00	6.76E-01	1.38E-06	6.81E-04	1.47E-03	0.00E+00	-1.59E-03	1.19E-10	7.78E-09	4.89E-03	2.42E-01	5.36E-06	0.00E+00	7.25E-01	2.10E-02	1.60E+00	0.00E+00	1.37E-08	6.36E-09	4.61E-04	5.78E-07	1.18E-01	0.00E+00	1.60E+00	3.62E-07	1.60E+00	1.71E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH20593205A	1.34E-03	2.36E-01	2.17E-02	1.61E-01	0.00E+00	0.00E+00	6.76E-01	1.37E-06	6.80E-04	1.47E-03	0.00E+00	-1.59E-03	1.19E-10	7.78E-09	4.87E-03	2.35E-01	5.36E-06	0.00E+00	6.77E-01	2.11E-02	1.59E+00	0.00E+00	1.36E-08	6.35E-09	4.61E-04	5.77E-07	1.15E-01	0.00E+00	1.59E+00	3.57E-09	1.59E+00	1.71E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
WH20593205B	1.17E-03	2.34E-01	2.16E-02	1.61E-01	0.00E+00	0.00E+00	6.73E-01	1.37E-06	6.67E-04	1.46E-03	0.00E+00	-1.59E-03	1.18E-10	7.77E-09	4.75E-03	2.35E-01	5.36E-06	0.00E+00	6.75E-01	2.09E-02	1.59E+00	0.00E+00	1.36E-08	6.31E-09	4.61E-04	5.81E-07	1.14E-01	0.00E+00	1.59E+00	5.40E-09	1.59E+00	1.70E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.03E+01
WH20593207B	1.17E-03	2.34E-01	2.16E-02	1.61E-01	0.00E+00	0.00E+00	6.73E-01	1.37E-06	6.67E-04	1.46E-03	0.00E+00	-1.59E-03	1.18E-10	7.77E-09	4.75E-03	2.35E-01	5.36E-06	0.00E+00	6.75E-01	2.09E-02	1.59E+00	0.00E+00	1.36E-08	6.31E-09	4.61E-04	5.81E-07	1.14E-01	0.00E+00	1.59E+00	5.40E-09	1.59E+00	1.70E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.03E+01
WH20593209B	1.17E-03	2.34E-01	2.16E-02	1.61E-01	0.00E+00	0.00E+00	6.73E-01	1.37E-06	6.67E-04	1.46E-03	0.00E+00	-1.59E-03	1.18E-10	7.77E-09	4.75E-03	2.35E-01	5.36E-06	0.00E+00	6.75E-01	2.09E-02	1.59E+00	0.00E+00	1.36E-08	6.31E-09	4.61E-04	5.81E-07	1.14E-01	0.00E+00	1.59E+00	5.40E-09	1.59E+00	1.70E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.03E+01
WH20595200A	6.19E-04	9.77E-02	1.36E-02	8.41E-02	0.00E+00	0.00E+00	6.11E-01	1.12E-06	3.34E-04	7.84E-04	0.00E+00	-1.36E-03	1.08E-10	4.24E-09	3.60E-03	1.62E-01	0.00E+00	0.00E+00	4.57E-01	1.79E-02	7.75E-01	0.00E+00	6.31E-09	3.09E-09	2.18E-04	4.41E-07	7.96E-02	0.00E+00	7.75E-01	-2.57E-08	7.75E-01	8.55E-01	7.96E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
WH20595200B	8.74E-04	1.25E-01	1.55E-02	9.15E-02	0.00E+00	0.00E+00	6.89E-01	1.33E-06	3.91E-04	8.38E-04	0.00E+00	-1.42E-03	9.66E-11	4.46E-09	4.17E-03	1.73E-01	0.00E+00	0.00E+00	5.17E-01	1.72E-02	7.93E-01	0.00E+00	6.67E-09	3.19E-09	2.17E-04	4.40E-07	8.31E-02	0.00E+00	7.93E-01	-2.19E-08	7.93E-01	9.44E-01	8.31E-02	0.00E+00	0.00E+00	0.00E+00	1.91E+01
WH20595203A	5.30E-04	3.91E-02	1.27E-02	3.98E-02	0.00E+00	0.00E+00	1.83E-01	4.58E-07	2.42E-04	3.55E-04	0.00E+00	-1.42E-03	3.47E-11	2.51E-09	1.32E-03	8.10E-02	0.00E+00	0.00E+00	1.63E-01	1.71E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	4.12E-07	3.17E-02	0.00E+00	3.38E-01	-6.32E-08	3.38E-01	3.63E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.35E+00
WH20595203B	5.29E-04	3.90E-02	1.28E-02	3.99E-02	0.00E+00	0.00E+00	1.92E-01	4.89E-07	2.42E-04	3.56E-04	0.00E+00	-1.42E-03	3.47E-11	2.57E-09	1.33E-03	8.16E-02	0.00E+00	0.00E+00	1.72E-01	1.69E-02	3.39E-01	0.00E+00	2.71E-09	1.84E-09	9.37E-05	4.11E-07	3.26E-02	0.00E+00	3.39E-01	-5.79E-08	3.39E-01	3.63E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH20595204A	5.30E-04	3.91E-02	1.27E-02	3.98E-02	0.00E+00	0.00E+00	1.83E-01	4.58E-07	2.42E-04	3.55E-04	0.00E+00	-1.42E-03	3.47E-11	2.51E-09	1.32E-03	8.10E-02	0.00E+00	0.00E+00	1.63E-01	1.71E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	4.12E-07	3.17E-02	0.00E+00	3.38E-01	-6.32E-08	3.38E-01	3.63E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.35E+00
WH20595205A	8.38E-04	1.15E-01	1.44E-02	8.61E-02	0.00E+00	0.00E+00	5.36E-01	1.07E-06	3.66E-04	7.98E-04	0.00E+00	-1.42E-03	8.98E-11	4.01E-09	3.77E-03	1.68E-01	0.00E+00	0.00E+00	4.44E-01	1.80E-02	7.56E-01	0.00E+00	6.36E-09	3.14E-09	2.06E-04	4.45E-07	7.65E-02	0.00E+00	7.56E-01	-3.93E-08	7.56E-01	9.02E-01	7.65E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
WH20595206A	8.68E-04	1.24E-01	1.54E-02	9.19E-02	0.00E+00	0.00E+00	6.87E-01	1.32E-06	3.68E-04	8.22E-04	0.00E+00	-1.42E-03	9.64E-11	4.05E-09	4.05E-03	1.72E-01	0.00E+00	0.00E+00	5.20E-01	1.79E-02	7.96E-01	0.00E+00	6.64E-09	3.17E-09	2.18E-04	4.49E-07	8.35E-02	0.00E+00	7.96E-01	-2.32E-08	7.96E-01	9.39E-01	8.35E-02	0.00E+00	0.00E+00	0.00E+00	1.89E+01
WH20595206B	5.29E-04	3.90E-02	1.28E-02	3.99E-02	0.00E+00	0.00E+00	1.92E-01	4.89E-07	2.42E-04	3.56E-04	0.00E+00	-1.42E-03	3.47E-11	2.57E-09	1.33E-03	8.16E-02	0.00E+00	0.00E+00	1.72E-01	1.69E-02	3.39E-01	0.00E+00	2.71E-09	1.84E-09	9.37E-05	4.11E-07	3.26E-02	0.00E+00	3.39E-01	-5.79E-08	3.39E-01	3.63E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH20595207A	5.30E-04	3.91E-02	1.27E-02	3.98E-02	0.00E+00	0.00E+00	1.83E-01	4.58E-07	2.42E-04	3.55E-04	0.00E+00	-1.42E-03	3.47E-11	2.51E-09	1.32E-03	8.10E-02	0.00E+00	0.00E+00	1.63E-01	1.71E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	4.12E-07	3.17E-02	0.00E+00	3.38E-01	-6.32E-08	3.38E-01	3.63E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.35E+00
WH20595209A	5.30E-04	3.91E-02	1.27E-02	3.98E-02	0.00E+00	0.00E+00	1.83E-01	4.58E-07	2.42E-04	3.55E-04	0.00E+00	-1.42E-03	3.47E-11	2.51E-09	1.32E-03	8.10E-02	0.00E+00	0.00E+00	1.63E-01	1.71E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	4.12E-07	3.17E-02	0.00E+00	3.38E-01	-6.32E-08	3.38E-01	3.63E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.35E+00
WH20596200A	4.63E-04	9.09E-02	1.24E-02	7.85E-02	0.00E+00	0.00E+00	2.74E-01	4.66E-07	2.64E-04	6.78E-04	0.00E+00	-1.36E-03	5.15E-11	2.71E-09	1.88E-03	9.78E-02	0.00E+00	0.00E+00	2.28E-01	1.79E-02	4.34E-01	0.00E+00	3.72E-09	1.96E-09	1.77E-04	4.39E-07	4.10E-02	0.00E+00	4.34E-01	-8.78E-08	4.34E-01	4.75E-01	4.10E-02	0.00E+00	0.00E+00	0.00E+00	8.21E+00
WH20596204A	1.28E-03	2.34E-01	2.12E-02	1.53E-01	0.00E+00	0.00E+00	6.58E-01	1.23E-06	6.79E-04	1.42E-03	0.00E+00	-1.61E-03	1.18E-10	7.76E-09	4.77E-03	2.29E-01	5.36E-06	0.00E+00	6.71E-01	2.11E-02	1.58E+00	0.00E+00	1.36E-08	6.29E-09	4.58E-04	5.36E-07	1.15E-01	0.00E+00	1.58E+00	-6.02E-09	1.58E+00	1.70E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.01E+01
WH20596205A	1.28E-03	2.34E-01	2.12E-02	1.53E-01	0.00E+00	0.00E+00	6.58E-01	1.23E-06	6.79E-04	1.42E-03	0.00E+00	-1.61E-03	1.18E-10	7.76E-09	4.77E-03	2.29E-01	5.36E-06	0.00E+00	6.71E-01	2.11E-02	1.58E+00	0.00E+00	1.36E-08	6.29E-09	4.58E-04	5.36E-07	1.15E-01	0.00E+00	1.58E+00	-6.02E-09	1.58E+00	1.70E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.01E+01

WH20596205B	1.11E-03	2.31E-01	2.11E-02	1.53E-01	0.00E+00	0.00E+00	6.56E-01	1.22E-06	6.66E-04	1.41E-03	0.00E+00	-1.61E-03	1.17E-10	7.74E-09	4.65E-03	2.29E-01	5.36E-06	0.00E+00	6.69E-01	2.09E-02	1.58E+00	0.00E+00	1.36E-08	6.25E-09	4.58E-04	5.40E-07	1.14E-01	0.00E+00	1.58E+00	-3.63E-09	1.58E+00	1.69E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	1.98E+01
WH20596206A	1.28E-03	2.34E-01	2.12E-02	1.53E-01	0.00E+00	0.00E+00	6.58E-01	1.23E-06	6.79E-04	1.42E-03	0.00E+00	-1.61E-03	1.18E-10	7.76E-09	4.77E-03	2.29E-01	5.36E-06	0.00E+00	6.71E-01	2.11E-02	1.58E+00	0.00E+00	1.36E-08	6.29E-09	4.58E-04	5.36E-07	1.15E-01	0.00E+00	1.58E+00	-6.02E-09	1.58E+00	1.70E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.01E+01
WH20596207A	1.28E-03	2.34E-01	2.12E-02	1.53E-01	0.00E+00	0.00E+00	6.58E-01	1.23E-06	6.79E-04	1.42E-03	0.00E+00	-1.61E-03	1.18E-10	7.76E-09	4.77E-03	2.29E-01	5.36E-06	0.00E+00	6.71E-01	2.11E-02	1.58E+00	0.00E+00	1.36E-08	6.29E-09	4.58E-04	5.36E-07	1.15E-01	0.00E+00	1.58E+00	-6.02E-09	1.58E+00	1.70E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.01E+01
WH20600700A	1.13E-03	1.61E-01	1.28E-02	1.48E-01	0.00E+00	0.00E+00	1.96E+00	1.69E-06	6.49E-04	1.07E-03	0.00E+00	1.57E-02	1.34E-08	8.45E-09	4.48E-03	2.42E-01	0.00E+00	0.00E+00	5.72E-01	1.56E-02	1.20E+00	0.00E+00	9.50E-09	5.10E-09	3.34E-04	3.97E-07	1.02E-01	0.00E+00	1.20E+00	2.38E-07	1.20E+00	1.30E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
WH20620100A	5.05E-04	7.96E-02	1.31E-02	8.21E-02	0.00E+00	0.00E+00	2.26E-01	3.83E-07	3.22E-04	5.69E-04	0.00E+00	-1.42E-03	4.93E-11	2.34E-09	1.43E-03	7.96E-02	0.00E+00	0.00E+00	2.53E-01	1.88E-02	3.63E-01	0.00E+00	2.89E-09	1.70E-09	1.71E-04	4.52E-07	4.30E-02	0.00E+00	3.63E-01	-9.99E-08	3.63E-01	3.89E-01	4.30E-02	0.00E+00	0.00E+00	0.00E+00	9.30E+00
WH20620107A	5.00E-04	8.01E-02	1.33E-02	8.26E-02	0.00E+00	0.00E+00	2.24E-01	3.82E-07	3.20E-04	5.86E-04	0.00E+00	-1.44E-03	4.86E-11	2.21E-09	1.43E-03	7.71E-02	0.00E+00	0.00E+00	2.49E-01	1.90E-02	3.61E-01	0.00E+00	2.90E-09	1.68E-09	1.71E-04	4.57E-07	4.29E-02	0.00E+00	3.61E-01	-1.09E-07	3.61E-01	3.88E-01	4.29E-02	0.00E+00	0.00E+00	0.00E+00	9.16E+00
WH20620300A	3.34E-04	9.48E-02	1.30E-02	8.18E-02	0.00E+00	0.00E+00	1.97E-01	3.09E-07	1.72E-04	6.85E-04	0.00E+00	-1.48E-03	3.81E-11	1.65E-09	1.57E-03	7.36E-02	0.00E+00	0.00E+00	1.63E-01	1.95E-02	3.61E-01	0.00E+00	3.24E-09	1.65E-09	1.69E-04	4.78E-07	2.99E-02	0.00E+00	3.61E-01	-1.13E-07	3.61E-01	3.91E-01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	5.74E+00
WH20620300B	4.63E-04	7.98E-02	1.30E-02	8.45E-02	0.00E+00	0.00E+00	2.38E-01	4.20E-07	3.30E-04	5.74E-04	0.00E+00	-1.43E-03	4.92E-11	2.45E-09	1.43E-03	8.06E-02	0.00E+00	0.00E+00	2.60E-01	1.88E-02	3.68E-01	0.00E+00	2.93E-09	1.78E-09	1.66E-04	4.48E-07	4.35E-02	0.00E+00	3.68E-01	-8.94E-08	3.68E-01	3.91E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	9.44E+00
WH20620303A	4.23E-04	8.01E-02	1.31E-02	8.14E-02	0.00E+00	0.00E+00	2.22E-01	3.80E-07	3.19E-04	5.84E-04	0.00E+00	-1.44E-03	4.85E-11	2.06E-09	1.43E-03	7.68E-02	0.00E+00	0.00E+00	2.49E-01	1.90E-02	3.60E-01	0.00E+00	2.90E-09	1.68E-09	1.64E-04	4.53E-07	4.25E-02	0.00E+00	3.60E-01	-1.10E-07	3.60E-01	3.88E-01	4.25E-02	0.00E+00	0.00E+00	0.00E+00	9.11E+00
WH20620303B	4.37E-04	8.04E-02	1.31E-02	8.45E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.28E-04	5.92E-04	0.00E+00	-1.44E-03	4.85E-11	2.27E-09	1.43E-03	7.81E-02	0.00E+00	0.00E+00	2.57E-01	1.89E-02	3.65E-01	0.00E+00	2.94E-09	1.77E-09	1.65E-04	4.53E-07	4.34E-02	0.00E+00	3.65E-01	-9.35E-08	3.65E-01	3.91E-01	4.34E-02	0.00E+00	0.00E+00	0.00E+00	9.34E+00
WH20620304A	4.23E-04	8.01E-02	1.31E-02	8.14E-02	0.00E+00	0.00E+00	2.22E-01	3.80E-07	3.19E-04	5.84E-04	0.00E+00	-1.44E-03	4.85E-11	2.06E-09	1.43E-03	7.68E-02	0.00E+00	0.00E+00	2.49E-01	1.90E-02	3.60E-01	0.00E+00	2.90E-09	1.68E-09	1.64E-04	4.53E-07	4.25E-02	0.00E+00	3.60E-01	-1.10E-07	3.60E-01	3.88E-01	4.25E-02	0.00E+00	0.00E+00	0.00E+00	9.11E+00
WH20620304B	4.37E-04	8.04E-02	1.31E-02	8.45E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.28E-04	5.92E-04	0.00E+00	-1.44E-03	4.85E-11	2.27E-09	1.43E-03	7.81E-02	0.00E+00	0.00E+00	2.57E-01	1.89E-02	3.65E-01	0.00E+00	2.94E-09	1.77E-09	1.65E-04	4.53E-07	4.34E-02	0.00E+00	3.65E-01	-9.35E-08	3.65E-01	3.91E-01	4.34E-02	0.00E+00	0.00E+00	0.00E+00	9.34E+00
WH20620305A	3.34E-04	9.48E-02	1.30E-02	8.18E-02	0.00E+00	0.00E+00	1.97E-01	3.09E-07	1.72E-04	6.85E-04	0.00E+00	-1.48E-03	3.81E-11	1.65E-09	1.57E-03	7.36E-02	0.00E+00	0.00E+00	1.63E-01	1.95E-02	3.61E-01	0.00E+00	3.24E-09	1.65E-09	1.69E-04	4.78E-07	2.99E-02	0.00E+00	3.61E-01	-1.13E-07	3.61E-01	3.91E-01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	5.74E+00
WH20620305B	4.37E-04	8.04E-02	1.31E-02	8.45E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.28E-04	5.92E-04	0.00E+00	-1.44E-03	4.85E-11	2.27E-09	1.43E-03	7.81E-02	0.00E+00	0.00E+00	2.57E-01	1.89E-02	3.65E-01	0.00E+00	2.94E-09	1.77E-09	1.65E-04	4.53E-07	4.34E-02	0.00E+00	3.65E-01	-9.35E-08	3.65E-01	3.91E-01	4.34E-02	0.00E+00	0.00E+00	0.00E+00	9.34E+00
WH20620306A	6.59E-04	1.14E-01	1.38E-02	8.70E-02	0.00E+00	0.00E+00	3.87E-01	5.53E-07	4.55E-04	7.44E-04	0.00E+00	-1.45E-03	6.76E-11	4.78E-09	2.19E-03	1.26E-01	0.00E+00	0.00E+00	3.10E-01	1.97E-02	5.21E-01	0.00E+00	4.05E-09	2.39E-09	2.03E-04	4.77E-07	5.48E-02	0.00E+00	5.21E-01	-1.03E-07	5.21E-01	5.48E-01	5.48E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
WH20620306B	6.87E-04	1.13E-01	1.39E-02	9.00E-02	0.00E+00	0.00E+00	3.94E-01	6.11E-07	4.56E-04	7.61E-04	0.00E+00	-1.45E-03	6.77E-11	4.92E-09	2.20E-03	1.38E-01	0.00E+00	0.00E+00	3.14E-01	1.94E-02	5.15E-01	0.00E+00	4.00E-09	2.63E-09	2.03E-04	4.74E-07	5.72E-02	0.00E+00	5.15E-01	-8.50E-08	5.15E-01	5.41E-01	5.72E-02	0.00E+00	0.00E+00	0.00E+00	1.25E+01
WH20620307A	4.23E-04	8.01E-02	1.31E-02	8.14E-02	0.00E+00	0.00E+00	2.22E-01	3.80E-07	3.19E-04	5.84E-04	0.00E+00	-1.44E-03	4.85E-11	2.06E-09	1.43E-03	7.68E-02	0.00E+00	0.00E+00	2.49E-01	1.90E-02	3.60E-01	0.00E+00	2.90E-09	1.68E-09	1.64E-04	4.53E-07	4.25E-02	0.00E+00	3.60E-01	-1.10E-07	3.60E-01	3.88E-01	4.25E-02	0.00E+00	0.00E+00	0.00E+00	9.11E+00
WH20620309A	4.23E-04	8.01E-02	1.31E-02	8.14E-02	0.00E+00	0.00E+00	2.22E-01	3.80E-07	3.19E-04	5.84E-04	0.00E+00	-1.44E-03	4.85E-11	2.06E-09	1.43E-03	7.68E-02	0.00E+00	0.00E+00	2.49E-01	1.90E-02	3.60E-01	0.00E+00	2.90E-09	1.68E-09	1.64E-04	4.53E-07	4.25E-02	0.00E+00	3.60E-01	-1.10E-07	3.60E-01	3.88E-01	4.25E-02	0.00E+00	0.00E+00	0.00E+00	9.11E+00
WH20620309B	4.37E-04	8.04E-02	1.31E-02	8.45E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.28E-04	5.92E-04	0.00E+00	-1.44E-03	4.85E-11	2.27E-09	1.43E-03	7.81E-02	0.00E+00	0.00E+00	2.57E-01	1.89E-02	3.65E-01	0.00E+00	2.94E-09	1.77E-09	1.65E-04	4.53E-07	4.34E-02	0.00E+00	3.65E-01	-9.35E-08	3.65E-01	3.91E-01	4.34E-02	0.00E+00	0.00E+00	0.00E+00	9.34E+00
WH20620700A	8.23E-04	9.10E-02	1.40E-02	7.70E-02	0.00E+00	0.00E+00	3.44E-01	5.73E-07	5.40E-04	6.93E-04	0.00E+00	-1.48E-03	6.63E-11	5.59E-09	2.06E-03	1.45E-01	0.00E+00	0.00E+00	3.15E-01	1.95E-02	4.91E-01	0.00E+00	4.15E-09	2.44E-09	2.02E-04	4.78E-07	5.59E-02	0.00E+00	4.91E-01	-1.22E-07	4.91E-01	5.47E-01	5.59E-02	0.00E+00	0.00E+00	0.00E+00	1.16E+01
WH20620700B	8.60E-04	9.88E-02	1.44E-02	8.44E-02	0.00E+00	0.00E+00	4.60E-01	8.06E-07	5.47E-04	7.70E-04	0.00E+00	-1.48E-03	8.56E-11	5.84E-09	2.68E-03	1.66E-01	0.00E+00	0.00E+00	3.93E-01	1.95E-02	6.17E-01	0.00E+00	5.09E-09	2.85E-09	2.24E-04	4.79E-07	6.91E-02	0.00E+00	6.17E-01	-9.27E-08	6.17E-01	6.86E-01	6.91E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH20620703A	4.26E-04	8.01E-02	1.31E-02	7.97E-02	0.00E+00	0.00E+00	2.22E-01	3.84E-07	3.27E-04	5.77E-04	0.00E+00	-1.44E-03	4.85E-11	2.26E-09	1.43E-03	7.75E-02	0.00E+00	0.00E+00	2.49E-01	1.90E-02	3.57E-01	0.00E+00	2.86E-09	1.69E-09	1.64E-04	4.53E-07	4.28E-02	0.00E+00	3.57E-01	-1.11E-07	3.57E-01	3.85E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	9.11E+00
WH20620704A	4.26E-04	8.01E-02	1.31E-02	7.97E-02	0.00E+00	0.00E+00	2.22E-01	3.84E-07	3.27E-04	5.77E-04	0.00E+00	-1.44E-03	4.85E-11	2.26E-09	1.43E-03	7.75E-02	0.00E+00	0.00E+00	2.49E-01	1.90E-02	3.57E-01	0.00E+00	2.86E-09	1.69E-09	1.64E-04	4.53E-07	4.28E-02	0.00E+00	3.57E-01	-1.11E-07	3.57E-01	3.85E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	9.11E+00
WH20620705A	4.26E-04	8.01E-02	1.31E-02	7.97E-02	0.00E+00	0.00E+00	2.22E-01	3.84E-07	3.27E-04	5.77E-04	0.00E+00	-1.44E-03	4.85E-11	2.26E-09	1.43E-03	7.75E-02	0.00E+00	0.00E+00	2.49E-01	1.90E-02	3.57E-01	0.00E+00	2.86E-09	1.69E-09	1.64E-04	4.53E-07	4.28E-02	0.00E+00	3.57E-01	-1.11E-07	3.57E-01	3.85E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	9.11E+00
WH20620705B	4.39E-04	8.03E-02	1.31E-02	8.37E-02	0.00E+00	0.00E+00	2.37E-01	4.26E-07	3.37E-04	5.86E-04	0.00E+00	-1.44E-03	4.85E-11	2.47E-09	1.43E-03	7.87E-02	0.00E+00	0.00E+00	2.57E-01	1.89E-02	3.61E-01	0.00E+00	2.89E-09	1.77E-09	1.65E-04	4.53E-07	4.36E-02	0.00E+00	3.61E-01	-9.61E-08	3.61E-01	3.88E-01	4.36E-02	0.00E+00	0.00E+00	0.00E+00	9.34E+00
WH20620707A	4.26E-04	8.01E-02	1.31E-02	7.97E-02	0.00E+00	0.00E+00	2.22E-01	3.84E-07	3.27E-04	5.77E-04	0.00E+00	-1.44E-03	4.85E-11	2.26E-09	1.43E-03	7.75E-02	0.00E+00	0.00E+00	2.49E-01	1.90E-02	3.57E-01	0.00E+00	2.86E-09	1.69E-09	1.64E-04	4.53E-07	4.28E-02	0.00E+00	3.57E-01	-1.11E-07	3.57E-01	3.85E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	9.11E+00
WH20620709A	4.26E-04	8.01E-02	1.31E-02	7.97E-02	0.00E+00	0.00E+00	2.22E-01	3.84E-07	3.27E-04	5.77E-04	0.00E+00	-1.44E-03	4.85E-11	2.26E-09	1.43E-03	7.75E-02	0.00E+00	0.00E+00	2.49E-01	1.90E-02	3.57E-01	0.00E+00	2.86E-09	1.69E-09	1.64E-04	4.53E-07	4.28E-02	0.00E+00	3.57E-01	-1.11E-07	3.57E-01	3.85E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	9.11E+00
WH20623305B	7.82E-04	9.86E-02	1.38E-02	9.02E-02	0.00E+00	0.00E+00	3.64E-01	6.91E-07	4.65E-04	7.68E-04	0.00E+00	-1.44E-03	6.73E-11	4.83E-09	2.09E-03	1.47E-01	0.00E+00	0.00E+00	3.26E-01	1.90E-02	5.12E-01	0.00E+00	4.25E-09	2.67E-09	2.10E-04	4.73E-07	6.04E-02	0.00E+00	5.12E-01	-9.51E-08	5.12E-01	5.54E-01	6.04E-02	0.00E+00	0.00E+00	0.00E+00	1.31E+01
WH20623306B	7.71E-04	1.23E-01	1.83E-02	9.19E-02	0.00E+00	0.00E+00	5.23E-01	9.12E-07	5.06E-04	8.21E-04	0.00E+00	-1.52E-03	9.56E-11	5.56E-09	3.54E-03	1.56E-01	0.00E+00	0.00E+00	3.97E-01	1.81E-02	7.21E-01	0.00E+00	5.76E-09	2.88E-09	2.19E-04	5.32E-07	7.14E-02	0.00E+00	7.21E-01	-5.44E-08	7.21E-01	8.20E-01	7.14E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
WH20625300A	3.34E-04	9.48E-02	1.30E-02	8.18E-02	0.00E+00	0.00E+00	1.97E-01	3.09E-07	1.72E-04	6.85E-04	0.00E+00	-1.48E-03	3.81E-11	1.65E-09	1.57E-03	7.36E-02	0.00E+00	0.00E+00	1.63E-01	1.95E-02	3.61E-01	0.00E+00	3.24E-09	1.65E-09	1.69E-04	4.78E-07	2.99E-02	0.00E+00	3.61E-01	-1.13E-07	3.61E-01	3.91E-01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	5.74E+00
WH20625300B	7.99E-04	9.53E-02	1.31E-02	8.22E-02	0.00E+00	0.00E+00	4.34E-01	7.57E-07	5.05E-04	7.46E-04	0.00E+00	-1.33E-03	8.08E-11	5.38E-09	2.55E-03	1.55E-01	0.00E+00	0.00E+00	3.68E-01	1.76E-02	5.86E-01	0.00E+00	4.85E-09	2.70E-09	2.14E-04	4.32E-07	6.51E-02	0.00E+00	5.86E-01	-7.94E-08	5.86E-01	6.51E-01	6.51E-02	0.00E+00	0.00E+00	0.00E+00	1.35E+01
WH20625303A	4.36E-04	8.01E-02	1.32E-02	8.19E-02	0.00E+00	0.00E+00	2.23E-01	3.89E-07	3.19E-04	5.84E-04	0.00E+00	-1.44E-03	4.85E-11	2.24E-09	1.43E-03	7.71E-02	0.00E+00	0.00E+00	2.57E-01	1.91E-02	3.62E-01	0.00E+00	2.92E-09	1.71E-09	1.65E-04	4.53E-07	4.37E-02	0.00E+00	3.62E-01	-1.10E-07	3.62E-01	3.92E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.30E+00
WH20625303B	4.49E-04	8.04E-02	1.32E-02	8.50E-02	0.00E+00	0.00E+00	2.38E-01	4.32E-07	3.29E-04	5.92E-04	0.00E+00	-1.44E-03	4.85E-11	2.40E-09	1.43E-03	7.84E-02	0.00E+00	0.00E+00	2.64E-01	1.89E-02	3.67E-01	0.00E+00	2.96E-09	1.81E-09	1.66E-04	4.53E-07	4.45E-02	0.00E+00	3.67E-01	-9.35E-08	3.67E-01	3.94E-01	4.45E-02	0.00E+00	0.00E+00	0.00E+00	9.54E+00
WH20625304A	4.36E-04	8.01E-02	1.32E-02	8.19E-02	0.00E+00	0.00E+00	2.23E-01	3.89E-07	3.19E-04	5.84E-04	0.00E+00	-1.44E-03	4.85E-11	2.24E-09	1.43E-03	7.71E-02	0.00E+00	0.00E+00	2.57E-01	1.91E-02	3.62E-01	0.00E+00	2.92E-09	1.71E-09	1.65E-04	4.53E-07	4.37E-02	0.00E+00	3.62E-01	-1.10E-07	3.62E-01	3.92E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.30E+00
WH20625305A	4.36E-04	8.01E-02	1.32E-02	8.19E-02	0.00E+00	0.00E+00	2.23E-01	3.89E-07	3.19E-04	5.84E-04	0.00E+00	-1.44E-03	4.85E-11	2.24E-09	1.43E-03	7.71E-02	0.00E+00	0.00E+00	2.57E-01	1.91E-02	3.62E-01	0.00E+00	2.92E-09	1.71E-09	1.65E-04	4.53E-07	4.37E-02	0.00E+00	3.62E-01	-1.10E-07	3.62E-01	3.92E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.30E+00
WH20625305B	4.49E-04	8.04E-02	1.32E-02	8.50E-02	0.00E+00	0.00E+00	2.38E-01	4.32E-07	3.29E-04	5.92E-04	0.00E+00	-1.44E-03	4.85E-11	2.40E-09	1.43E-03	7.84E-02	0.00E+00	0.00E+00	2.64E-01	1.89E-02	3.67E-01	0.00E+00	2.96E-09	1.81E-09	1.66E-04	4.53E-07	4.45E-02	0.00E+00	3.67E-01	-9.35E-08	3.67E-01	3.94E-01	4.45E-02	0.00E+00	0.00E+00	0.00E+00	9.54E+00
WH20625306A	8.27E-04	1.27E-01	1.53E-02	8.87E-02	0.00E+00	0.00E+00	5.02E-01	9.27E-07	5.11E-04	8.01E-04	0.00E+00	-1.45E-03	9.55E-11	5.44E-09	3.60E-03	1.56E-01	0.00E+00	0.00E+00	4.05E-01	1.90E-02	7.45E-01	0.00E+00	5.85E-09	2.77E-09	2.18E-04	4.81E-07	7.35E-02	0.00E+00	7.45E-01	-6.29E-08	7.45E-01	8.52E-01	7.35E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
WH20625306B	4.49E-04	8.04E-02	1.32E-02	8.50E-02	0.00E+00	0.00E+00	2.38E-01	4.32E-07	3.29E-04	5.92E-04	0.00E+00	-1.44E-03	4.85E-11	2.40E-09	1.43E-03	7.84E-02	0.00E+00	0.00E+00	2.64E-01	1.89E-02	3.67E-01	0.00E+00	2.96E-09	1.81E-09	1.66E-04	4.53E-07	4.45E-02	0.00E+00	3.67E-01	-9.35E-08	3.67E-01	3.94E-01	4.45E-02	0.00E+00	0.00E+00	0.00E+00	9.54E+00
WH20625307A	4.36E-04	8.01E-02	1.32E-02	8.19E-02	0.00E+00	0.00E+00	2.23E-01	3.89E-07	3.19E-04	5.84E-04	0.00E+00	-1.44E-03	4.85E-11	2.24E-09	1.43E-03	7.71E-02	0.00E+00	0.00E+00	2.57E-01	1.91E-02	3.62E-01	0.00E+00	2.92E-09	1.71E-09	1.65E-04	4.53E-07	4.37E-02	0.00E+00	3.62E-01	-1.10E-07	3.62E-01	3.92E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.30E+00
WH20625309A	4.36E-04	8.01E-02	1.32E-02	8.19E-02	0.00E+00	0.00E+00	2.23E-01	3.89E-07	3.19E-04	5.84E-04	0.00E+00	-1.44E-03	4.85E-11	2.24E-09	1.43E-03	7.71E-02	0.00E+00	0.00E+00	2.57E-01	1.91E-02	3.62E-01	0.00E+00	2.92E-09	1.71E-09	1.65E-04	4.53E-07	4.37E-02	0.00E+00	3.62E-01	-1.10E-07	3.62E-01	3.92E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.30E+00
WH20625700A	5.36E-04	9.27E-02	1.33E-02	8.08E-02	0.00E+00	0.00E+00	2.64E-01	5.10E-07	3.68E-04	6.95E-04	0.00E+00	-1.44E-03	5.79E-11	2.70E-09	1.89E-03	1.18E-01	0.00E+00	0.00E+00	2.52E-01	1.92E-02	4.96E-01	0.00E+00	3.82E-09	2.04E-09	1.92E-04	4.71E-07	4.33E-02	0.00E+00	4.96E-01	-1.12E-07	4.96E-01	4.75E-01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	8.35E+00
WH20625700B	7.67E-04	9.40E-02	1.37E-02	8.56E-02	0.00E+00	0.00E+00	3.89E-01	6.88E-07	4.82E-04	7.18E-04	0.00E+00	-1.45E-03	6.74E-11	5.03E-09	2.09E-03	1.49E-01	0.00E+00	0.00E+00	3.25E-01	1.91E-02	5.02E-01	0.00E+00	4.10E-09	2.66E-09	1.97E-04	4.70E-07	6.00E-02	0.00E+00	5.02E-01	-9.66E-08	5.02E-01	5.36E-01	6.00E-02	0.00E+00	0.00E+00	0.00E+00	1.26E+01
WH20625704A	5.17E-04	9.29E-02	1.35E-02	8.09E-02	0.00E+00	0.00E+00	2.67E-01	5.31E-07	3.58E-04	6.98E-04	0.00E+00	-1.44E-03	5.79E-11	2.64E-09	1.93E-03	1.22E-01	0.00E+00	0.00E+00	2.63E-01	1.94E-02	4.97E-01	0.00E+00	3.88E-09	2.06E-09	1.94E-04	4.76E-07	4.49E-02	0.00E+00	4.97E-01	-1.15E-07	4.97E-01	4.91E-01	4.49E-02	0.00E+00	0.00E+00	0.00E+00	8.77E+00
WH20625705A	5.17E-04	9.29E-02	1.35E-02	8.09E-02	0.00E+00	0.00E+00	2.67E-01	5.31E-07	3.58E-04	6.98E-04	0.00E+00	-1.44E-03	5.79E-11	2.64E-09	1.93E-03	1.22E-01	0.00E+00	0.00E+00	2.63E-01	1.94E-02	4.97E-01	0.00E+00	3.88E-09	2.06E-09	1.94E-04	4.76E-07	4.49E-02	0.00E+00	4.97E-01	-1.15E-07	4.97E-01	4.91E-01	4.49E-02	0.00E+00	0.00E+00	0.00E+00	8.77E+00
WH20625705B	7.95E-04	9.41E-02	1.38E-02	8.57E-02	0.00E+00	0.00E+00	3.94E-01	7.13E-07	4.81E-04	7.22E-04	0.00E+00	-1.45E-03	6.74E-11	5.20E-09	2.13E-03	1.56E-01	0.00E+00	0.00E+00	3.47E-01	1.92E-02	5.04E-01	0.00E+00	4.17E-09	2.69E-09	1.98E-04	4.75E-07	6.19E-02	0.00E+00	5.04E-01	-9.79E-08	5.04E-01	5.57E-01	6.19E-02	0.00E+00	0.00E+00	0.00E+00	1.32E+01
WH20625709B	7.95E-04	9.41E-02	1.38E-02	8.57E-02	0.00E+00	0.00E+00	3.94E-01	7.13E-07	4.81E-04	7.22E-04	0.00E+00	-1.45E-03	6.74E-11	5.20E-09	2.13E-03	1.56E-01	0.00E+00	0.00E+00	3.47E-01	1.92E-02	5.04E-01	0.00E+00	4.17E-09	2.69E-09	1.98E-04	4.75E-07	6.19E-02	0.00E+00	5.04E-01	-9.79E-08	5.04E-01	5.57E-01	6.19E-02	0.00E+00	0.00E+00	0.00E+00	1.32E+01
WH20640100A	1.07E-03	1.18E-01	1.51E-02	1.03E-01	0.00E+00	0.00E+00	4.67E-01	7.99E-07	6.94E-04	9.35E-04	0.00E+00	-1.53E-03	8.92E-11	7.19E-09	2.87E-03	1.94E-01	0.00E+00	0.00E+00	4.27E-01	2.02E-02	6.92E-01	0.00E+00	5.82E-09	3.36E-09	2.72E-04	4.97E-07	7.64E-02	0.00E+00	6.92E-01	-9.04E-08	6.92E-01	7.68E-01	7.64E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
WH20640107A	7.54E-04	8.03E-02	1.34E-02	9.07E-02	0.00E+00	0.00E+00	2.78E-01	4.15E-07	6.51E-04	6.39E-04	0.00E+00	-1.44E-03	5.76E-11	5.89E-09	1.49E-03	9.28E-02	0.00E+00	0.00E+00	2.76E-01	1.90E-02	3.89E-01	0.00E+00	3.02E-09	1.83E-09	1.88E-04	4.59E-07	5.00E-02	0.00E+00	3.89E-01	-1.03E-07	3.89E-01	4.43E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	1.02E+01
WH20640300A	4.69E-04	1.17E-01	1.38E-02	1.03E-01	0.00E+00	0.00E+00	2.49E-01	3.82E-07	2.53E-04	8.70E-04	0.00E+00	-1.53E-03	4.86E-11	2.41E-09	1.95E-03	9.81E-02	0.00E+00	0.00E+00	2.10E-01	2.02E-02	4.56E-01	0.00E+00	4.10E-09	2.14E-09	2.17E-04	4.95E-07	3.92E-02	0.00E+00	4.56E-01	-1.08E-07	4.56E-01	4.95E-01	3.92E-02	0.00E+00	0.00E+00	0.00E+00	7.47E+00
WH20640300B	1.08E-03	1.16E-01	1.49E-02	1.01E-01	0.00E+00	0.00E+00	5.51E-01	9.56E-07	6.93E-04	9.22E-04	0.00E+00	-1.47E-03	1.03E-10	7.36E-09	3.17E-03	2.04E-01	0.00E+00	0.00E+00	4.75E-01	1.94E-02	7.36E-01	0.00E+00	6.08E-09	3.45E-09	2.70E-04	4.77E-07	8.42E-02	0.00E+00	7.36E-01	-8.40E-08	7.36E-01	8.20E-01	8.42E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH20640303A	1.04E-03	1.08E-01	1.49E-02	9.28E-02	0.00E+00	0.00E+00	4.23E-01	7.00E-07	6.86E-04	8.40E-04	0.00E+00	-1.53E-03	8.19E-11	7.09E-09	2.50E-03	1.81E-01	0.00E+00	0.00E+00	3.90E-01	2.02E-02	5.97E-01	0.00E+00	5.05E-09	3.00E-09	2.47E-04	4.95E-07	6.96E-02	0.00E+00	5.97E-01	-1.23E-07	5.97E-01	6.66E-01	6.96E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH20640303B	7.95E-04	8.09E-02	1.33E-02	9.24E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.60E-04	6.57E-04	0.00E+00	-1.44E-03	5.81E-11	6.09E-09	1.48E-03	9.48E-02	0.00E+00	0.00E+00	2.83E-01	1.89E-02	3.91E-01	0.00E+00	3.12E-09	1.97E-09	1.90E-04	4.56E-07	5.00E-02	0.00E+00	3.91E-01	-9.30E-08	3.91E-01	4.41E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH20640304A	1.04E-03	1.07E-01	1.44E-02	9.25E-02	0.00E+00	0.00E+00	4.23E-01	7.00E-07	6.86E-04	8.38E-04	0.00E+00	-1.47E-03	8.19E-11	7.09E-09	2.50E-03	1.81E-01	0.00E+00	0.00E+00	3.90E-01	1.94E-02	5.97E-01	0.00E+00	5.05E-09	3.00E-09	2.47E-04	4.76E-07	6.97E-02	0.00E+00	5.97E-01	-1.16E-07	5.97E-01	6.66E-01	6.97E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH20640304B	7.95E-04	8.09E-02	1.33E-02	9.24E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.60E-04	6.57E-04	0.00E+00	-1.44E-03	5.81E-11	6.09E-09	1.48E-03	9.48E-02	0.00E+00	0.00E+00	2.83E-01	1.89E-02	3.91E-01	0.00E+00	3.12E-09	1.97E-09	1.90E-04	4.56E-07	5.00E-02	0.00E+00	3.91E-01	-9.30E-08	3.91E-01	4.41E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH20640305A	4.69E-04	1.17E-01	1.38E-02	1.03E-01	0.00E+00	0.00E+00	2.49E-01	3.82E-07	2.53E-04	8.70E-04	0.00E+00	-1.53E-03	4.86E-11	2.41E-09	1.95E-03	9.81E-02	0.00E+00	0.00E+00	2.10E-01	2.02E-02	4.56E-01	0.00E+00	4.10E-09	2.14E-09	2.17E-04	4.95E-07	3.92E-02	0.00E+00	4.56E-01	-1.08E-07	4.56E-01	4.95E-01	3.92E-02	0.00E+00	0.00E+00	0.00E+00	7.47E+00
WH20640305B	1.08E-03	1.16E-01	1.49E-02	1.01E-01	0.00E+00	0.00E+00	5.51E-01	9.56E-07	6.93E-04	9.22E-04	0.00E+00	-1.47E-03	1.03E-10	7.36E-09	3.17E-03	2.04E-01	0.00E+00	0.00E+00	4.75E-01	1.94E-02	7.36E-01	0.00E+00	6.08E-09	3.45E-09	2.70E-04	4.77E-07	8.42E-02	0.00E+00	7.36E-01	-8.40E-08	7.36E-01	8.20E-01	8.42E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH20640306A	8.10E-04	1.17E-01	1.41E-02	9.88E-02	0.00E+00	0.00E+00	4.19E-01	6.28E-07	4.75E-04	8.62E-04	0.00E+00	-1.45E-03	7.14E-11	6.92E-09	2.37E-03	1.52E-01	0.00E+00	0.00E+00	3.08E-01	1.98E-02	5.49E-01	0.00E+00	4.62E-09	2.94E-09	2.38E-04	4.84E-07	6.13E-02	0.00E+00	5.49E-01	-1.03E-07	5.49E-01	5.94E-01	6.13E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
WH20640306B	8.74E-04	1.17E-01	1.42E-02	1.01E-01	0.00E+00	0.00E+00	4.95E-01	8.10E-07	5.56E-04	8.97E-04	0.00E+00	-1.45E-03	7.18E-11	7.01E-09	2.43E-03	1.80E-01	0.00E+00	0.00E+00	3.45E-01	1.96E-02	5.50E-01	0.00E+00	5.01E-09	3.34E-09	2.53E-04	4.82E-07	7.02E-02	0.00E+00	5.50E-01	-8.38E-08	5.50E-01	6.18E-01	7.02E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
WH20640307A	7.28E-04	8.03E-02	1.32E-02	8.70E-02	0.00E+00	0.00E+00	2.75E-01	4.04E-07	6.50E-04	6.11E-04	0.00E+00	-1.44E-03	5.75E-11	5.85E-09	1.48E-03	9.02E-02	0.00E+00	0.00E+00	2.74E-01	1.90E-02	3.85E-01	0.00E+00	3.05E-09	1.84E-09	1.82E-04	4.56E-07	4.96E-02	0.00E+00	3.85E-01	-1.10E-07	3.85E-01	4.36E-01	4.96E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
WH20640307B	7.95E-04	8.09E-02	1.33E-02	9.24E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.60E-04	6.57E-04	0.00E+00	-1.44E-03	5.81E-11	6.09E-09	1.48E-03	9.48E-02	0.00E+00	0.00E+00	2.83E-01	1.89E-02	3.91E-01	0.00E+00	3.12E-09	1.97E-09	1.90E-04	4.56E-07	5.00E-02	0.00E+00	3.91E-01	-9.30E-08	3.91E-01	4.41E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH20640309A	7.28E-04	8.03E-02	1.32E-02	8.70E-02	0.00E+00	0.00E+00	2.75E-01	4.04E-07	6.50E-04	6.11E-04	0.00E+00	-1.44E-03	5.75E-11	5.85E-09	1.48E-03	9.02E-02	0.00E+00	0.00E+00	2.74E-01	1.90E-02	3.85E-01	0.00E+00	3.05E-09	1.84E-09	1.82E-04	4.56E-07	4.96E-02	0.00E+00	3.85E-01	-1.10E-07	3.85E-01	4.36E-01	4.96E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
WH20640309B	7.95E-04	8.09E-02	1.33E-02	9.24E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.60E-04	6.57E-04	0.00E+00	-1.44E-03	5.81E-11	6.09E-09	1.48E-03	9.48E-02	0.00E+00	0.00E+00	2.83E-01	1.89E-02	3.91E-01	0.00E+00	3.12E-09	1.97E-09	1.90E-04	4.56E-07	5.00E-02	0.00E+00	3.91E-01	-9.30E-08	3.91E-01	4.41E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH20640700A	4.81E-04	1.18E-01	1.39E-02	1.04E-01	0.00E+00	0.00E+00	2.71E-01	4.29E-07	2.58E-04	8.81E-04	0.00E+00	-1.53E-03	5.24E-11	2.51E-09	2.08E-03	1.03E-01	0.00E+00	0.00E+00	2.27E-01	2.02E-02	4.83E-01	0.00E+00	4.30E-09	2.23E-09	2.21E-04	4.95E-07	4.20E-02	0.00E+00	4.83E-01	-1.01E-07	4.83E-01	5.25E-01	4.20E-02	0.00E+00	0.00E+00	0.00E+00	8.05E+00
WH20640700B	1.14E-03	1.17E-01	1.50E-02	1.02E-01	0.00E+00	0.00E+00	5.76E-01	1.00E-06	7.34E-04	9.39E-04	0.00E+00	-1.47E-03	1.08E-10	7.80E-09	3.29E-03	2.14E-01	0.00E+00	0.00E+00	4.99E-01	1.94E-02	7.65E-01	0.00E+00	6.30E-09	3.60E-09	2.78E-04	4.78E-07	8.82E-02	0.00E+00	7.65E-01	-8.03E-08	7.65E-01	8.53E-01	8.82E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH20640703A	7.17E-04	8.04E-02	1.32E-02	8.70E-02	0.00E+00	0.00E+00	2.76E-01	4.02E-07	6.69E-04	6.12E-04	0.00E+00	-1.44E-03	5.76E-11	6.08E-09	1.48E-03	8.96E-02	0.00E+00	0.00E+00	2.76E-01	1.89E-02	3.84E-01	0.00E+00	3.04E-09	1.84E-09	1.82E-04	4.53E-07	4.98E-02	0.00E+00	3.84E-01	-1.10E-07	3.84E-01	4.36E-01	4.98E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
WH20640703B	7.97E-04	8.10E-02	1.32E-02	9.26E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.90E-04	6.58E-04	0.00E+00	-1.44E-03	5.82E-11	6.33E-09	1.48E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	1.88E-02	3.90E-01	0.00E+00	3.11E-09	1.98E-09	1.91E-04	4.53E-07	5.02E-02	0.00E+00	3.90E-01	-9.28E-08	3.90E-01	4.41E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH20640704A	7.17E-04	8.04E-02	1.32E-02	8.70E-02	0.00E+00	0.00E+00	2.76E-01	4.02E-07	6.69E-04	6.12E-04	0.00E+00	-1.44E-03	5.76E-11	6.08E-09	1.48E-03	8.96E-02	0.00E+00	0.00E+00	2.76E-01	1.89E-02	3.84E-01	0.00E+00	3.04E-09	1.84E-09	1.82E-04	4.53E-07	4.98E-02	0.00E+00	3.84E-01	-1.10E-07	3.84E-01	4.36E-01	4.98E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
WH20640704B	7.97E-04	8.10E-02	1.32E-02	9.26E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.90E-04	6.58E-04	0.00E+00	-1.44E-03	5.82E-11	6.33E-09	1.48E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	1.88E-02	3.90E-01	0.00E+00	3.11E-09	1.98E-09	1.91E-04	4.53E-07	5.02E-02	0.00E+00	3.90E-01	-9.28E-08	3.90E-01	4.41E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH20640705A	1.10E-03	1.08E-01	1.46E-02	9.38E-02	0.00E+00	0.00E+00	4.48E-01	7.48E-07	7.26E-04	8.55E-04	0.00E+00	-1.47E-03	8.65E-11	7.52E-09	2.62E-03	1.91E-01	0.00E+00	0.00E+00	4.14E-01	1.94E-02	6.26E-01	0.00E+00	5.28E-09	3.14E-09	2.54E-04	4.76E-07	7.37E-02	0.00E+00	6.26E-01	-1.12E-07	6.26E-01	7.00E-01	7.37E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
WH20640705B	1.09E-03	1.32E-01	1.55E-02	1.05E-01	0.00E+00	0.00E+00	5.87E-01	1.05E-06	7.31E-04	9.58E-04	0.00E+00	-1.45E-03	9.70E-11	7.66E-09	3.83E-03	2.13E-01	0.00E+00	0.00E+00	4.99E-01	1.89E-02	7.68E-01	0.00E+00	6.54E-09	3.60E-09	2.82E-04	4.82E-07	8.56E-02	0.00E+00	7.68E-01	-6.00E-08	7.68E-01	9.28E-01	8.56E-02	0.00E+00	0.00E+00	0.00E+00	1.84E+01
WH20640707A	7.17E-04	8.04E-02	1.32E-02	8.70E-02	0.00E+00	0.00E+00	2.76E-01	4.02E-07	6.69E-04	6.12E-04	0.00E+00	-1.44E-03	5.76E-11	6.08E-09	1.48E-03	8.96E-02	0.00E+00	0.00E+00	2.76E-01	1.89E-02	3.84E-01	0.00E+00	3.04E-09	1.84E-09	1.82E-04	4.53E-07	4.98E-02	0.00E+00	3.84E-01	-1.10E-07	3.84E-01	4.36E-01	4.98E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
WH20640707B	7.97E-04	8.10E-02	1.32E-02	9.26E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.90E-04	6.58E-04	0.00E+00	-1.44E-03	5.82E-11	6.33E-09	1.48E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	1.88E-02	3.90E-01	0.00E+00	3.11E-09	1.98E-09	1.91E-04	4.53E-07	5.02E-02	0.00E+00	3.90E-01	-9.28E-08	3.90E-01	4.41E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH20640709A	7.17E-04	8.04E-02	1.32E-02	8.70E-02	0.00E+00	0.00E+00	2.76E-01	4.02E-07	6.69E-04	6.12E-04	0.00E+00	-1.44E-03	5.76E-11	6.08E-09	1.48E-03	8.96E-02	0.00E+00	0.00E+00	2.76E-01	1.89E-02	3.84E-01	0.00E+00	3.04E-09	1.84E-09	1.82E-04	4.53E-07	4.98E-02	0.00E+00	3.84E-01	-1.10E-07	3.84E-01	4.36E-01	4.98E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
WH20640709B	7.97E-04	8.10E-02	1.32E-02	9.26E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.90E-04	6.58E-04	0.00E+00	-1.44E-03	5.82E-11	6.33E-09	1.48E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	1.88E-02	3.90E-01	0.00E+00	3.11E-09	1.98E-09	1.91E-04	4.53E-07	5.02E-02	0.00E+00	3.90E-01	-9.28E-08	3.90E-01	4.41E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH20643300B	9.15E-04	1.20E-01	1.47E-02	1.01E-01	0.00E+00	0.00E+00	5.27E-01	8.54E-07	6.37E-04	9.06E-04	0.00E+00	-1.42E-03	7.44E-11	5.94E-09	2.67E-03	1.82E-01	0.00E+00	0.00E+00	3.67E-01	1.90E-02	5.81E-01	0.00E+00	5.26E-09	3.41E-09	2.58E-04	4.79E-07	7.34E-02	0.00E+00	5.81E-01	-7.90E-08	5.81E-01	6.58E-01	7.34E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
WH20643303B	1.04E-03	1.20E-01	1.47E-02	1.01E-01	0.00E+00	0.00E+00	5.19E-01	8.51E-07	6.71E-04	9.04E-04	0.00E+00	-1.44E-03	7.40E-11	7.21E-09	2.64E-03	1.93E-01	0.00E+00	0.00E+00	3.83E-01	1.92E-02	5.79E-01	0.00E+00	5.26E-09	3.42E-09	2.58E-04	4.89E-07	7.36E-02	0.00E+00	5.79E-01	-8.19E-08	5.79E-01	6.71E-01	7.36E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
WH20643305B	1.04E-03	1.20E-01	1.47E-02	1.01E-01	0.00E+00	0.00E+00	5.19E-01	8.51E-07	6.71E-04	9.04E-04	0.00E+00	-1.44E-03	7.40E-11	7.21E-09	2.64E-03	1.93E-01	0.00E+00	0.00E+00	3.83E-01	1.92E-02	5.79E-01	0.00E+00	5.26E-09	3.42E-09	2.58E-04	4.89E-07	7.36E-02	0.00E+00	5.79E-01	-8.19E-08	5.79E-01	6.71E-01	7.36E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
WH20645300A	4.68E-04	1.15E-01	1.27E-02	1.03E-01	0.00E+00	0.00E+00	2.48E-01	3.82E-07	2.53E-04	8.65E-04	0.00E+00	-1.39E-03	4.86E-11	2.41E-09	1.95E-03	9.81E-02	0.00E+00	0.00E+00	2.10E-01	1.84E-02	4.56E-01	0.00E+00	4.10E-09	2.14E-09	2.16E-04	4.51E-07	3.94E-02	0.00E+00	4.56E-01	-9.26E-08	4.56E-01	4.95E-01	3.94E-02	0.00E+00	0.00E+00	0.00E+00	7.47E+00
WH20645300B	1.08E-03	1.15E-01	1.42E-02	1.00E-01	0.00E+00	0.00E+00	5.51E-01	9.56E-07	6.93E-04	9.20E-04	0.00E+00	-1.39E-03	1.03E-10	7.36E-09	3.17E-03	2.04E-01	0.00E+00	0.00E+00	4.75E-01	1.84E-02	7.36E-01	0.00E+00	6.08E-09	3.45E-09	2.70E-04	4.53E-07	8.43E-02	0.00E+00	7.36E-01	-7.50E-08	7.36E-01	8.20E-01	8.43E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH20645303A	1.04E-03	1.06E-01	1.38E-02	9.22E-02	0.00E+00	0.00E+00	4.23E-01	7.00E-07	6.86E-04	8.36E-04	0.00E+00	-1.39E-03	8.19E-11	7.08E-09	2.49E-03	1.81E-01	0.00E+00	0.00E+00	3.90E-01	1.84E-02	5.97E-01	0.00E+00	5.05E-09	3.00E-09	2.46E-04	4.52E-07	6.97E-02	0.00E+00	5.97E-01	-1.07E-07	5.97E-01	6.66E-01	6.97E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH20645303B	9.80E-04	1.18E-01	1.42E-02	1.00E-01	0.00E+00	0.00E+00	5.17E-01	8.69E-07	6.44E-04	8.98E-04	0.00E+00	-1.45E-03	7.38E-11	7.25E-09	2.59E-03	1.94E-01	0.00E+00	0.00E+00	3.95E-01	1.88E-02	5.70E-01	0.00E+00	5.20E-09	3.41E-09	2.57E-04	4.72E-07	7.73E-02	0.00E+00	5.70E-01	-7.91E-08	5.70E-01	6.64E-01	7.73E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
WH20645304A	1.02E-03	1.06E-01	1.38E-02	9.26E-02	0.00E+00	0.00E+00	4.09E-01	6.98E-07	6.74E-04	8.37E-04	0.00E+00	-1.45E-03	7.25E-11	6.56E-09	2.45E-03	1.78E-01	0.00E+00	0.00E+00	3.73E-01	1.85E-02	5.60E-01	0.00E+00	4.99E-09	2.97E-09	2.44E-04	4.60E-07	7.00E-02	0.00E+00	5.60E-01	-1.09E-07	5.60E-01	6.59E-01	7.00E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
WH20645304B	9.80E-04	1.18E-01	1.42E-02	1.00E-01	0.00E+00	0.00E+00	5.17E-01	8.69E-07	6.44E-04	8.98E-04	0.00E+00	-1.45E-03	7.38E-11	7.25E-09	2.59E-03	1.94E-01	0.00E+00	0.00E+00	3.95E-01	1.88E-02	5.70E-01	0.00E+00	5.20E-09	3.41E-09	2.57E-04	4.72E-07	7.73E-02	0.00E+00	5.70E-01	-7.91E-08	5.70E-01	6.64E-01	7.73E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
WH20645305A	1.04E-03	1.06E-01	1.38E-02	9.22E-02	0.00E+00	0.00E+00	4.23E-01	7.00E-07	6.86E-04	8.36E-04	0.00E+00	-1.39E-03	8.19E-11	7.08E-09	2.49E-03	1.81E-01	0.00E+00	0.00E+00	3.90E-01	1.84E-02	5.97E-01	0.00E+00	5.05E-09	3.00E-09	2.46E-04	4.52E-07	6.97E-02	0.00E+00	5.97E-01	-1.07E-07	5.97E-01	6.66E-01	6.97E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH20645305B	9.80E-04	1.18E-01	1.42E-02	1.00E-01	0.00E+00	0.00E+00	5.17E-01	8.69E-07	6.44E-04	8.98E-04	0.00E+00	-1.45E-03	7.38E-11	7.25E-09	2.59E-03	1.94E-01	0.00E+00	0.00E+00	3.95E-01	1.88E-02	5.70E-01	0.00E+00	5.20E-09	3.41E-09	2.57E-04	4.72E-07	7.73E-02	0.00E+00	5.70E-01	-7.91E-08	5.70E-01	6.64E-01	7.73E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01

WH20645306A	1.33E-03	2.48E-01	2.18E-02	1.68E-01	0.00E+00	0.00E+00	6.74E-01	1.19E-06	7.13E-04	1.51E-03	0.00E+00	-1.61E-03	1.18E-10	7.81E-09	4.43E-03	2.32E-01	5.36E-06	0.00E+00	6.84E-01	2.17E-02	1.57E+00	0.00E+00	1.37E-08	6.37E-09	4.61E-04	5.52E-07	1.18E-01	0.00E+00	1.57E+00	-1.42E-08	1.57E+00	1.70E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	2.12E+01
WH20645306B	1.23E-03	2.44E-01	2.16E-02	1.70E-01	0.00E+00	0.00E+00	6.85E-01	1.24E-06	7.38E-04	1.51E-03	0.00E+00	-1.61E-03	1.17E-10	7.83E-09	4.56E-03	2.34E-01	5.36E-06	0.00E+00	6.85E-01	2.16E-02	1.58E+00	0.00E+00	1.39E-08	6.42E-09	4.62E-04	5.54E-07	1.17E-01	0.00E+00	1.58E+00	-1.02E-08	1.58E+00	1.72E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.09E+01
WH20645307A	1.02E-03	1.06E-01	1.38E-02	9.26E-02	0.00E+00	0.00E+00	4.09E-01	6.98E-07	6.74E-04	8.37E-04	0.00E+00	-1.45E-03	7.25E-11	6.56E-09	2.45E-03	1.78E-01	0.00E+00	0.00E+00	3.73E-01	1.85E-02	5.60E-01	0.00E+00	4.99E-09	2.97E-09	2.44E-04	4.60E-07	7.00E-02	0.00E+00	5.60E-01	-1.09E-07	5.60E-01	6.59E-01	7.00E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
WH20645307B	9.80E-04	1.18E-01	1.42E-02	1.00E-01	0.00E+00	0.00E+00	5.17E-01	8.69E-07	6.44E-04	8.98E-04	0.00E+00	-1.45E-03	7.38E-11	7.25E-09	2.59E-03	1.94E-01	0.00E+00	0.00E+00	3.95E-01	1.88E-02	5.70E-01	0.00E+00	5.20E-09	3.41E-09	2.57E-04	4.72E-07	7.73E-02	0.00E+00	5.70E-01	-7.91E-08	5.70E-01	6.64E-01	7.73E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
WH20645309A	1.02E-03	1.06E-01	1.38E-02	9.26E-02	0.00E+00	0.00E+00	4.09E-01	6.98E-07	6.74E-04	8.37E-04	0.00E+00	-1.45E-03	7.25E-11	6.56E-09	2.45E-03	1.78E-01	0.00E+00	0.00E+00	3.73E-01	1.85E-02	5.60E-01	0.00E+00	4.99E-09	2.97E-09	2.44E-04	4.60E-07	7.00E-02	0.00E+00	5.60E-01	-1.09E-07	5.60E-01	6.59E-01	7.00E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
WH20645700A	8.88E-04	1.07E-01	1.35E-02	9.24E-02	0.00E+00	0.00E+00	4.24E-01	6.68E-07	6.36E-04	8.34E-04	0.00E+00	-1.45E-03	7.19E-11	5.41E-09	2.39E-03	1.56E-01	0.00E+00	0.00E+00	3.53E-01	1.83E-02	5.54E-01	0.00E+00	4.84E-09	2.94E-09	2.38E-04	4.56E-07	6.88E-02	0.00E+00	5.54E-01	-1.03E-07	5.54E-01	6.26E-01	6.88E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
WH20645700B	9.39E-04	1.18E-01	1.40E-02	1.01E-01	0.00E+00	0.00E+00	5.20E-01	8.33E-07	6.64E-04	9.01E-04	0.00E+00	-1.45E-03	7.36E-11	6.13E-09	2.58E-03	1.80E-01	0.00E+00	0.00E+00	3.86E-01	1.86E-02	5.66E-01	0.00E+00	5.14E-09	3.51E-09	2.55E-04	4.62E-07	7.64E-02	0.00E+00	5.66E-01	-7.72E-08	5.66E-01	6.42E-01	7.64E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
WH20645704A	1.00E-03	1.07E-01	1.37E-02	9.24E-02	0.00E+00	0.00E+00	4.27E-01	7.02E-07	6.90E-04	8.36E-04	0.00E+00	-1.45E-03	7.21E-11	6.80E-09	2.46E-03	1.79E-01	0.00E+00	0.00E+00	3.84E-01	1.85E-02	5.58E-01	0.00E+00	4.93E-09	2.98E-09	2.43E-04	4.59E-07	7.01E-02	0.00E+00	5.58E-01	-1.05E-07	5.58E-01	6.52E-01	7.01E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
WH20645705A	1.00E-03	1.07E-01	1.37E-02	9.24E-02	0.00E+00	0.00E+00	4.27E-01	7.02E-07	6.90E-04	8.36E-04	0.00E+00	-1.45E-03	7.21E-11	6.80E-09	2.46E-03	1.79E-01	0.00E+00	0.00E+00	3.84E-01	1.85E-02	5.58E-01	0.00E+00	4.93E-09	2.98E-09	2.43E-04	4.59E-07	7.01E-02	0.00E+00	5.58E-01	-1.05E-07	5.58E-01	6.52E-01	7.01E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
WH20645705B	1.04E-03	1.18E-01	1.41E-02	1.01E-01	0.00E+00	0.00E+00	5.21E-01	8.50E-07	6.99E-04	9.01E-04	0.00E+00	-1.45E-03	7.37E-11	7.55E-09	2.60E-03	2.01E-01	0.00E+00	0.00E+00	4.12E-01	1.87E-02	5.68E-01	0.00E+00	5.19E-09	3.53E-09	2.57E-04	4.68E-07	7.72E-02	0.00E+00	5.68E-01	-7.92E-08	5.68E-01	6.60E-01	7.72E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
WH20648305B	1.05E-03	1.20E-01	1.47E-02	1.01E-01	0.00E+00	0.00E+00	5.21E-01	8.67E-07	6.71E-04	9.05E-04	0.00E+00	-1.44E-03	7.48E-11	7.27E-09	2.65E-03	1.97E-01	0.00E+00	0.00E+00	4.04E-01	1.85E-02	5.83E-01	0.00E+00	5.30E-09	3.46E-09	2.59E-04	4.80E-07	7.80E-02	0.00E+00	5.83E-01	-7.91E-08	5.83E-01	6.83E-01	7.80E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
WH20648306B	1.23E-03	2.45E-01	2.18E-02	1.72E-01	0.00E+00	0.00E+00	6.91E-01	1.24E-06	7.38E-04	1.50E-03	0.00E+00	-1.60E-03	1.17E-10	7.83E-09	4.53E-03	2.35E-01	5.36E-06	0.00E+00	6.85E-01	2.06E-02	1.58E+00	0.00E+00	1.39E-08	6.38E-09	4.63E-04	5.61E-07	1.17E-01	0.00E+00	1.58E+00	-9.89E-09	1.58E+00	1.71E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
WH20750100A	7.04E-04	6.72E-02	6.57E-03	6.06E-02	0.00E+00	0.00E+00	3.37E-01	8.59E-07	3.80E-04	6.50E-04	0.00E+00	-5.74E-04	5.75E-11	4.07E-09	2.99E-03	1.54E-01	0.00E+00	0.00E+00	3.62E-01	7.58E-03	8.40E-01	0.00E+00	6.70E-09	3.51E-09	2.11E-04	1.89E-07	6.47E-02	0.00E+00	8.40E-01	2.39E-07	8.40E-01	9.05E-01	6.47E-02	0.00E+00	0.00E+00	0.00E+00	1.33E+01
WH20750100B	6.11E-04	3.91E-02	6.65E-03	4.91E-02	0.00E+00	0.00E+00	1.96E-01	5.45E-07	3.18E-04	4.41E-04	0.00E+00	-7.57E-04	3.46E-11	3.12E-09	1.65E-03	9.59E-02	0.00E+00	0.00E+00	1.79E-01	8.46E-03	5.80E-01	0.00E+00	4.67E-09	2.64E-09	1.28E-04	2.12E-07	3.56E-02	0.00E+00	5.80E-01	9.10E-08	5.80E-01	6.24E-01	3.56E-02	0.00E+00	0.00E+00	0.00E+00	7.31E+00
WH20750105A	1.06E-03	6.65E-02	6.55E-03	5.99E-02	0.00E+00	0.00E+00	3.33E-01	8.47E-07	3.79E-04	6.42E-04	0.00E+00	-5.74E-04	5.61E-11	4.05E-09	2.94E-03	1.53E-01	0.00E+00	0.00E+00	3.58E-01	7.58E-03	8.29E-01	0.00E+00	6.61E-09	3.47E-09	2.09E-04	1.89E-07	6.39E-02	0.00E+00	8.29E-01	2.34E-07	8.29E-01	8.92E-01	6.39E-02	0.00E+00	0.00E+00	0.00E+00	1.32E+01
WH20750105B	6.11E-04	3.91E-02	6.65E-03	4.91E-02	0.00E+00	0.00E+00	1.96E-01	5.45E-07	3.18E-04	4.41E-04	0.00E+00	-7.57E-04	3.46E-11	3.12E-09	1.65E-03	9.59E-02	0.00E+00	0.00E+00	1.79E-01	8.46E-03	5.80E-01	0.00E+00	4.67E-09	2.64E-09	1.28E-04	2.12E-07	3.56E-02	0.00E+00	5.80E-01	9.10E-08	5.80E-01	6.24E-01	3.56E-02	0.00E+00	0.00E+00	0.00E+00	7.31E+00
WH20750205A	6.12E-04	3.92E-02	6.54E-03	4.91E-02	0.00E+00	0.00E+00	1.88E-01	5.35E-07	3.20E-04	4.39E-04	0.00E+00	-7.57E-04	3.46E-11	3.10E-09	1.64E-03	9.63E-02	0.00E+00	0.00E+00	1.74E-01	8.46E-03	5.80E-01	0.00E+00	4.67E-09	2.65E-09	1.28E-04	2.12E-07	3.49E-02	0.00E+00	5.80E-01	9.11E-08	5.80E-01	6.25E-01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	7.12E+00
WH22580000T	8.24E-04	1.09E-01	6.01E-02	7.77E-02	0.00E+00	0.00E+00	5.50E-01	8.23E-07	3.25E-04	7.77E-04	0.00E+00	-5.71E-03	9.69E-11	3.89E-09	3.26E-03	1.68E-01	1.82E-08	0.00E+00	4.06E-01	7.37E-02	7.32E-01	0.00E+00	6.03E-09	3.03E-09	2.29E-04	2.17E-06	6.81E-02	0.00E+00	7.32E-01	-1.98E-07	7.32E-01	8.07E-01	6.81E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
WH22580003T	8.06E-04	1.11E-01	5.98E-02	7.91E-02	0.00E+00	0.00E+00	5.57E-01	9.61E-07	3.77E-04	8.02E-04	0.00E+00	-5.69E-03	9.69E-11	4.74E-09	3.25E-03	1.66E-01	1.82E-08	0.00E+00	4.04E-01	7.34E-02	7.38E-01	0.00E+00	6.07E-09	3.10E-09	2.36E-04	2.15E-06	7.14E-02	0.00E+00	7.38E-01	-2.05E-07	7.38E-01	8.17E-01	7.14E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
WH22580005T	8.06E-04	1.11E-01	5.98E-02	7.91E-02	0.00E+00	0.00E+00	5.57E-01	9.61E-07	3.77E-04	8.02E-04	0.00E+00	-5.69E-03	9.69E-11	4.74E-09	3.25E-03	1.66E-01	1.82E-08	0.00E+00	4.04E-01	7.34E-02	7.38E-01	0.00E+00	6.07E-09	3.10E-09	2.36E-04	2.15E-06	7.14E-02	0.00E+00	7.38E-01	-2.05E-07	7.38E-01	8.17E-01	7.14E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
WH22580006T	8.06E-04	1.11E-01	5.98E-02	7.91E-02	0.00E+00	0.00E+00	5.57E-01	9.61E-07	3.77E-04	8.02E-04	0.00E+00	-5.69E-03	9.69E-11	4.74E-09	3.25E-03	1.66E-01	1.82E-08	0.00E+00	4.04E-01	7.34E-02	7.38E-01	0.00E+00	6.07E-09	3.10E-09	2.36E-04	2.15E-06	7.14E-02	0.00E+00	7.38E-01	-2.05E-07	7.38E-01	8.17E-01	7.14E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
WH22582000T	7.67E-04	1.09E-01	6.00E-02	7.73E-02	0.00E+00	0.00E+00	5.46E-01	8.27E-07	3.50E-04	7.72E-04	0.00E+00	-5.71E-03	9.68E-11	4.11E-09	3.23E-03	1.61E-01	1.82E-08	0.00E+00	4.03E-01	7.33E-02	7.32E-01	0.00E+00	6.04E-09	3.02E-09	2.28E-04	2.17E-06	6.89E-02	0.00E+00	7.32E-01	-2.02E-07	7.32E-01	8.08E-01	6.89E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH22582003T	7.67E-04	1.09E-01	6.00E-02	7.73E-02	0.00E+00	0.00E+00	5.46E-01	8.27E-07	3.50E-04	7.72E-04	0.00E+00	-5.71E-03	9.68E-11	4.11E-09	3.23E-03	1.61E-01	1.82E-08	0.00E+00	4.03E-01	7.33E-02	7.32E-01	0.00E+00	6.04E-09	3.02E-09	2.28E-04	2.17E-06	6.89E-02	0.00E+00	7.32E-01	-2.02E-07	7.32E-01	8.08E-01	6.89E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH22582005T	7.67E-04	1.09E-01	6.00E-02	7.73E-02	0.00E+00	0.00E+00	5.46E-01	8.27E-07	3.50E-04	7.72E-04	0.00E+00	-5.71E-03	9.68E-11	4.11E-09	3.23E-03	1.61E-01	1.82E-08	0.00E+00	4.03E-01	7.33E-02	7.32E-01	0.00E+00	6.04E-09	3.02E-09	2.28E-04	2.17E-06	6.89E-02	0.00E+00	7.32E-01	-2.02E-07	7.32E-01	8.08E-01	6.89E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH22582006T	7.67E-04	1.09E-01	6.00E-02	7.73E-02	0.00E+00	0.00E+00	5.46E-01	8.27E-07	3.50E-04	7.72E-04	0.00E+00	-5.71E-03	9.68E-11	4.11E-09	3.23E-03	1.61E-01	1.82E-08	0.00E+00	4.03E-01	7.33E-02	7.32E-01	0.00E+00	6.04E-09	3.02E-09	2.28E-04	2.17E-06	6.89E-02	0.00E+00	7.32E-01	-2.02E-07	7.32E-01	8.08E-01	6.89E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH22582700T	8.37E-04	1.28E-01	5.83E-02	9.46E-02	0.00E+00	0.00E+00	5.48E-01	8.52E-07	4.98E-04	8.93E-04	0.00E+00	-5.56E-03	9.68E-11	5.23E-09	3.22E-03	1.63E-01	1.82E-08	0.00E+00	4.10E-01	7.20E-02	7.32E-01	0.00E+00	6.08E-09	3.06E-09	2.42E-04	2.08E-06	6.93E-02	0.00E+00	7.32E-01	-2.08E-07	7.32E-01	8.12E-01	6.93E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
WH22582703T	8.37E-04	1.28E-01	5.83E-02	9.46E-02	0.00E+00	0.00E+00	5.48E-01	8.52E-07	4.98E-04	8.93E-04	0.00E+00	-5.56E-03	9.68E-11	5.23E-09	3.22E-03	1.63E-01	1.82E-08	0.00E+00	4.10E-01	7.20E-02	7.32E-01	0.00E+00	6.08E-09	3.06E-09	2.42E-04	2.08E-06	6.93E-02	0.00E+00	7.32E-01	-2.08E-07	7.32E-01	8.12E-01	6.93E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
WH22582706T	8.37E-04	1.28E-01	5.83E-02	9.46E-02	0.00E+00	0.00E+00	5.48E-01	8.52E-07	4.98E-04	8.93E-04	0.00E+00	-5.56E-03	9.68E-11	5.23E-09	3.22E-03	1.63E-01	1.82E-08	0.00E+00	4.10E-01	7.20E-02	7.32E-01	0.00E+00	6.08E-09	3.06E-09	2.42E-04	2.08E-06	6.93E-02	0.00E+00	7.32E-01	-2.08E-07	7.32E-01	8.12E-01	6.93E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
WH22592000T	8.47E-04	1.19E-01	5.92E-02	9.27E-02	0.00E+00	0.00E+00	6.78E-01	1.30E-06	3.55E-04	8.79E-04	0.00E+00	-5.59E-03	9.65E-11	4.21E-09	3.65E-03	1.72E-01	0.00E+00	0.00E+00	4.60E-01	7.37E-02	7.50E-01	0.00E+00	6.36E-09	3.17E-09	2.41E-04	2.11E-06	7.32E-02	0.00E+00	7.50E-01	-1.92E-07	7.50E-01	8.56E-01	7.32E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH22592003T	8.47E-04	1.19E-01	5.92E-02	9.27E-02	0.00E+00	0.00E+00	6.78E-01	1.30E-06	3.55E-04	8.79E-04	0.00E+00	-5.59E-03	9.65E-11	4.21E-09	3.65E-03	1.72E-01	0.00E+00	0.00E+00	4.60E-01	7.37E-02	7.50E-01	0.00E+00	6.36E-09	3.17E-09	2.41E-04	2.11E-06	7.32E-02	0.00E+00	7.50E-01	-1.92E-07	7.50E-01	8.56E-01	7.32E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH22592005T	8.47E-04	1.19E-01	5.92E-02	9.27E-02	0.00E+00	0.00E+00	6.78E-01	1.30E-06	3.55E-04	8.79E-04	0.00E+00	-5.59E-03	9.65E-11	4.21E-09	3.65E-03	1.72E-01	0.00E+00	0.00E+00	4.60E-01	7.37E-02	7.50E-01	0.00E+00	6.36E-09	3.17E-09	2.41E-04	2.11E-06	7.32E-02	0.00E+00	7.50E-01	-1.92E-07	7.50E-01	8.56E-01	7.32E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH22640000T	1.54E-03	3.22E-01	2.82E-02	2.93E-01	0.00E+00	0.00E+00	6.95E-01	1.03E-06	8.83E-04	2.49E-03	0.00E+00	-2.96E-03	1.39E-10	8.40E-09	5.45E-03	3.02E-01	0.00E+00	0.00E+00	6.17E-01	3.90E-02	1.30E+00	0.00E+00	1.18E-08	6.34E-09	6.32E-04	9.62E-07	1.17E-01	0.00E+00	1.30E+00	-1.69E-07	1.30E+00	1.42E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+01
WH22640003T	9.95E-04	1.37E-01	4.44E-02	1.10E-01	0.00E+00	0.00E+00	6.14E-01	1.10E-06	7.29E-04	1.01E-03	0.00E+00	-4.84E-03	9.75E-11	6.28E-09	3.53E-03	2.03E-01	1.82E-08	0.00E+00	5.14E-01	5.80E-02	7.88E-01	0.00E+00	6.96E-09	3.82E-09	2.96E-04	1.55E-06	8.68E-02	0.00E+00	7.88E-01	-2.09E-07	7.88E-01	9.32E-01	8.68E-02	0.00E+00	0.00E+00	0.00E+00	1.84E+01
WH22640005T	9.95E-04	1.37E-01	4.44E-02	1.10E-01	0.00E+00	0.00E+00	6.14E-01	1.10E-06	7.29E-04	1.01E-03	0.00E+00	-4.84E-03	9.75E-11	6.28E-09	3.53E-03	2.03E-01	1.82E-08	0.00E+00	5.14E-01	5.80E-02	7.88E-01	0.00E+00	6.96E-09	3.82E-09	2.96E-04	1.55E-06	8.68E-02	0.00E+00	7.88E-01	-2.09E-07	7.88E-01	9.32E-01	8.68E-02	0.00E+00	0.00E+00	0.00E+00	1.84E+01
WH22640006T	9.95E-04	1.37E-01	4.44E-02	1.10E-01	0.00E+00	0.00E+00	6.14E-01	1.10E-06	7.29E-04	1.01E-03	0.00E+00	-4.84E-03	9.75E-11	6.28E-09	3.53E-03	2.03E-01	1.82E-08	0.00E+00	5.14E-01	5.80E-02	7.88E-01	0.00E+00	6.96E-09	3.82E-09	2.96E-04	1.55E-06	8.68E-02	0.00E+00	7.88E-01	-2.09E-07	7.88E-01	9.32E-01	8.68E-02	0.00E+00	0.00E+00	0.00E+00	1.84E+01
WH22645300T	9.55E-04	1.31E-01	4.38E-02	1.08E-01	0.00E+00	0.00E+00	5.96E-01	1.01E-06	7.12E-04	9.88E-04	0.00E+00	-4.56E-03	9.77E-11	6.28E-09	3.50E-03	1.95E-01	1.82E-08	0.00E+00	5.13E-01	5.37E-02	7.75E-01	0.00E+00	6.69E-09	3.81E-09	2.89E-04	1.46E-06	8.24E-02	0.00E+00	7.75E-01	-2.06E-07	7.75E-01	9.04E-01	8.24E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH22645303T	9.55E-04	1.31E-01	4.38E-02	1.08E-01	0.00E+00	0.00E+00	5.96E-01	1.01E-06	7.12E-04	9.88E-04	0.00E+00	-4.56E-03	9.77E-11	6.28E-09	3.50E-03	1.95E-01	1.82E-08	0.00E+00	5.13E-01	5.37E-02	7.75E-01	0.00E+00	6.69E-09	3.81E-09	2.89E-04	1.46E-06	8.24E-02	0.00E+00	7.75E-01	-2.06E-07	7.75E-01	9.04E-01	8.24E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH22645305T	9.55E-04	1.31E-01	4.38E-02	1.08E-01	0.00E+00	0.00E+00	5.96E-01	1.01E-06	7.12E-04	9.88E-04	0.00E+00	-4.56E-03	9.77E-11	6.28E-09	3.50E-03	1.95E-01	1.82E-08	0.00E+00	5.13E-01	5.37E-02	7.75E-01	0.00E+00	6.69E-09	3.81E-09	2.89E-04	1.46E-06	8.24E-02	0.00E+00	7.75E-01	-2.06E-07	7.75E-01	9.04E-01	8.24E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH22645306T	9.55E-04	1.31E-01	4.38E-02	1.08E-01	0.00E+00	0.00E+00	5.96E-01	1.01E-06	7.12E-04	9.88E-04	0.00E+00	-4.56E-03	9.77E-11	6.28E-09	3.50E-03	1.95E-01	1.82E-08	0.00E+00	5.13E-01	5.37E-02	7.75E-01	0.00E+00	6.69E-09	3.81E-09	2.89E-04	1.46E-06	8.24E-02	0.00E+00	7.75E-01	-2.06E-07	7.75E-01	9.04E-01	8.24E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH226801K	1.05E-03	2.57E-01	2.42E-02	1.75E-01	0.00E+00	0.00E+00	6.78E-01	1.70E-06	6.66E-04	1.51E-03	0.00E+00	5.45E-03	1.18E-10	7.74E-09	5.11E-03	2.15E-01	5.36E-06	0.00E+00	6.59E-01	2.22E-02	1.42E+00	0.00E+00	1.11E-08	6.13E-09	4.16E-04	6.57E-07	1.13E-01	0.00E+00	1.42E+00	5.48E-07	1.42E+00	1.55E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.12E+01
WH226801T	2.07E-03	3.33E-01	5.24E-02	2.69E-01	0.00E+00	0.00E+00	1.03E+00	2.87E-06	7.59E-04	2.86E-03	0.00E+00	-5.62E-03	1.91E-10	8.43E-09	1.20E-02	4.70E-01	5.38E-06	0.00E+00	1.23E+00	8.70E-02	3.32E+00	0.00E+00	2.67E-08	1.31E-08	8.39E-04	1.92E-06	2.01E-01	0.00E+00	3.32E+00	8.77E-07	3.32E+00	3.41E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	4.02E+01
WH226801TG	2.02E-03	3.34E-01	5.55E-02	2.68E-01	0.00E+00	0.00E+00	1.13E+00	2.81E-06	7.33E-04	2.80E-03	0.00E+00	-5.11E-03	2.10E-10	8.31E-09	1.20E-02	4.69E-01	5.38E-06	0.00E+00	1.21E+00	7.29E-02	3.33E+00	0.00E+00	2.66E-08	1.29E-08	8.23E-04	1.92E-06	1.98E-01	0.00E+00	3.33E+00	8.25E-07	3.33E+00	3.42E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.07E+01
WH226802K	1.05E-03	2.57E-01	2.42E-02	1.75E-01	0.00E+00	0.00E+00	6.78E-01	1.70E-06	6.66E-04	1.51E-03	0.00E+00	5.45E-03	1.18E-10	7.74E-09	5.11E-03	2.15E-01	5.36E-06	0.00E+00	6.59E-01	2.22E-02	1.42E+00	0.00E+00	1.11E-08	6.13E-09	4.16E-04	6.57E-07	1.13E-01	0.00E+00	1.42E+00	5.48E-07	1.42E+00	1.55E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.12E+01
WH226802T	2.07E-03	3.33E-01	5.24E-02	2.69E-01	0.00E+00	0.00E+00	1.03E+00	2.87E-06	7.59E-04	2.86E-03	0.00E+00	-5.62E-03	1.91E-10	8.43E-09	1.20E-02	4.70E-01	5.38E-06	0.00E+00	1.23E+00	8.70E-02	3.32E+00	0.00E+00	2.67E-08	1.31E-08	8.39E-04	1.92E-06	2.01E-01	0.00E+00	3.32E+00	8.77E-07	3.32E+00	3.41E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	4.02E+01
WH226802TG	2.02E-03	3.34E-01	5.55E-02	2.68E-01	0.00E+00	0.00E+00	1.13E+00	2.81E-06	7.33E-04	2.80E-03	0.00E+00	-5.11E-03	2.10E-10	8.31E-09	1.20E-02	4.69E-01	5.38E-06	0.00E+00	1.21E+00	7.29E-02	3.33E+00	0.00E+00	2.66E-08	1.29E-08	8.23E-04	1.92E-06	1.98E-01	0.00E+00	3.33E+00	8.25E-07	3.33E+00	3.42E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.07E+01
WH226803K	1.05E-03	2.57E-01	2.42E-02	1.75E-01	0.00E+00	0.00E+00	6.78E-01	1.70E-06	6.66E-04	1.51E-03	0.00E+00	5.45E-03	1.18E-10	7.74E-09	5.11E-03	2.15E-01	5.36E-06	0.00E+00	6.59E-01	2.22E-02	1.42E+00	0.00E+00	1.11E-08	6.13E-09	4.16E-04	6.57E-07	1.13E-01	0.00E+00	1.42E+00	5.48E-07	1.42E+00	1.55E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.12E+01
WH226803T	2.07E-03	3.33E-01	5.24E-02	2.69E-01	0.00E+00	0.00E+00	1.03E+00	2.87E-06	7.59E-04	2.86E-03	0.00E+00	-5.62E-03	1.91E-10	8.43E-09	1.20E-02	4.70E-01	5.38E-06	0.00E+00	1.23E+00	8.70E-02	3.32E+00	0.00E+00	2.67E-08	1.31E-08	8.39E-04	1.92E-06	2.01E-01	0.00E+00	3.32E+00	8.77E-07	3.32E+00	3.41E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	4.02E+01
WH226803TG	2.02E-03	3.34E-01	5.55E-02	2.68E-01	0.00E+00	0.00E+00	1.13E+00	2.81E-06	7.33E-04	2.80E-03	0.00E+00	-5.11E-03	2.10E-10	8.31E-09	1.20E-02	4.69E-01	5.38E-06	0.00E+00	1.21E+00	7.29E-02	3.33E+00	0.00E+00	2.66E-08	1.29E-08	8.23E-04	1.92E-06	1.98E-01	0.00E+00	3.33E+00	8.25E-07	3.33E+00	3.42E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.07E+01
WH226811K	1.05E-03	2.57E-01	2.42E-02	1.75E-01	0.00E+00	0.00E+00	6.78E-01	1.71E-06	6.66E-04	1.51E-03	0.00E+00	5.45E-03	1.18E-10	7.73E-09	5.11E-03	2.15E-01	5.36E-06	0.00E+00	6.59E-01	2.20E-02	1.42E+00	0.00E+00	1.11E-08	6.13E-09	4.16E-04	6.55E-07	1.13E-01	0.00E+00	1.42E+00	5.57E-07	1.42E+00	1.55E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.12E+01
WH226811T	2.08E-03	3.33E-01	5.23E-02	2.71E-01	0.00E+00	0.00E+00	1.03E+00	2.90E-06	7.60E-04	2.88E-03	0.00E+00	-5.60E-03	1.91E-10	8.43E-09	1.20E-02	4.72E-01	5.38E-06	0.00E+00	1.23E+00	8.63E-02	3.34E+00	0.00E+00	2.69E-08	1.32E-08	8.41E-04	1.92E-06	2.02E-01	0.00E+00	3.34E+00	9.03E-07	3.34E+00	3.42E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	4.03E+01
WH226811TG	2.02E-03	3.34E-01	5.54E-02	2.70E-01	0.00E+00	0.00E+00	1.13E+00	2.83E-06	7.33E-04	2.82E-03	0.00E+00	-5.09E-03	2.10E-10	8.31E-09	1.20E-02	4.71E-01	5.38E-06	0.00E+00	1.22E+00	7.25E-02	3.34E+00	0.00E+00	2.68E-08	1.30E-08	8.25E-04	1.92E-06	1.99E-01	0.00E+00	3.34E+00	8.50E-07	3.34E+00	3.43E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	4.08E+01
WH226812K	1.05E-03	2.57E-01	2.42E-02	1.75E-01	0.00E+00	0.00E+00	6.78E-01	1.71E-06	6.66E-04	1.51E-03	0.00E+00	5.45E-03	1.18E-10	7.73E-09	5.11E-03	2.15E-01	5.36E-06	0.00E+00	6.59E-01	2.20E-02	1.42E+00	0.00E+00	1.11E-08	6.13E-09	4.16E-04	6.55E-07	1.13E-01	0.00E+00	1.42E+00	5.57E-07	1.42E+00	1.55E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.12E+01
WH226812T	2.08E-03	3.33E-01	5.23E-02	2.71E-01	0.00E+00	0.00E+00	1.03E+00	2.90E-06	7.60E-04	2.88E-03	0.00E+00	-5.60E-03	1.91E-10	8.43E-09	1.20E-02	4.72E-01	5.38E-06	0.00E+00	1.23E+00	8.63E-02	3.34E+00	0.00E+00	2.69E-08	1.32E-08	8.41E-04	1.92E-06	2.02E-01	0.00E+00	3.34E+00	9.03E-07	3.34E+00	3.42E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	4.03E+01
WH226812TG	2.02E-03	3.34E-01	5.54E-02	2.70E-01	0.00E+00	0.00E+00	1.13E+00	2.83E-06	7.33E-04	2.82E-03	0.00E+00	-5.09E-03	2.10E-10	8.31E-09	1.20E-02	4.71E-01	5.38E-06	0.00E+00	1.22E+00	7.25E-02	3.34E+00	0.00E+00	2.68E-08	1.30E-08	8.25E-04	1.92E-06	1.99E-01	0.00E+00	3.34E+00	8.50E-07	3.34E+00	3.43E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	4.08E+01
WH226813K	1.05E-03	2.57E-01	2.42E-02	1.75E-01	0.00E+00	0.00E+00	6.78E-01	1.71E-06	6.66E-04	1.51E-03	0.00E+00	5.45E-03	1.18E-10	7.73E-09	5.11E-03	2.15E-01	5.36E-06	0.00E+00	6.59E-01	2.20E-02	1.42E+00	0.00E+00	1.11E-08	6.13E-09	4.16E-04	6.55E-07	1.13E-01	0.00E+00	1.42E+00	5.57E-07	1.42E+00	1.55E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.12E+01
WH226813T	2.08E-03	3.33E-01	5.23E-02	2.71E-01	0.00E+00	0.00E+00	1.03E+00	2.90E-06	7.60E-04	2.88E-03	0.00E+00	-5.60E-03	1.91E-10	8.43E-09	1.20E-02	4.72E-01	5.38E-06	0.00E+00	1.23E+00	8.63E-02	3.34E+00	0.00E+00	2.69E-08	1.32E-08	8.41E-04	1.92E-06	2.02E-01	0.00E+00	3.34E+00	9.03E-07	3.34E+00	3.42E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	4.03E+01
WH226813TG	2.02E-03	3.34E-01	5.55E-02	2.68E-01	0.00E+00	0.00E+00	1.13E+00	2.81E-06	7.33E-04	2.80E-03	0.00E+00	-5.11E-03	2.10E-10	8.31E-09	1.20E-02	4.69E-01	5.38E-06	0.00E+00	1.21E+00	7.29E-02	3.33E+00	0.00E+00	2.66E-08	1.29E-08	8.23E-04	1.92E-06	1.98E-01	0.00E+00	3.33E+00	8.25E-07	3.33E+00	3.42E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.07E+01
WH22690000T	8.45E-04	1.20E-01	5.93E-02	9.29E-02	0.00E+00	0.00E+00	6.83E-01	1.30E-06	3.62E-04	8.87E-04	0.00E+00	-5.59E-03	9.66E-11	4.29E-09	3.64E-03	1.73E-01	0.00E+00	0.00E+00	4.59E-01	7.37E-02	7.50E-01	0.00E+00	6.37E-09	3.19E-09	2.43E-04	2.11E-06	7.33E-02	0.00E+00	7.50E-01	-1.94E-07	7.50E-01	8.54E-01	7.33E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH22690003T	8.45E-04	1.20E-01	5.93E-02	9.29E-02	0.00E+00	0.00E+00	6.83E-01	1.30E-06	3.62E-04	8.87E-04	0.00E+00	-5.59E-03	9.66E-11	4.29E-09	3.64E-03	1.73E-01	0.00E+00	0.00E+00	4.59E-01	7.37E-02	7.50E-01	0.00E+00	6.37E-09	3.19E-09	2.43E-04	2.11E-06	7.33E-02	0.00E+00	7.50E-01	-1.94E-07	7.50E-01	8.54E-01	7.33E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH227101K	1.08E-03	2.62E-01	2.53E-02	1.79E-01	0.00E+00	0.00E+00	6.87E-01	1.76E-06	6.92E-04	1.54E-03	0.00E+00	4.77E-03	1.18E-10	7.62E-09	5.10E-03	2.19E-01	5.05E-06	0.00E+00	6.98E-01	3.06E-02	1.46E+00	0.00E+00	1.13E-08	6.25E-09	4.17E-04	8.91E-07	1.16E-01	0.00E+00	1.46E+00	5.41E-07	1.46E+00	1.59E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH227101T	1.97E-03	3.28E-01	5.19E-02	2.66E-01	0.00E+00	0.00E+00	9.71E-01	2.82E-06	7.63E-04	2.85E-03	0.00E+00	-5.49E-03	1.85E-10	8.35E-09	1.12E-02	4.61E-01	5.44E-06	0.00E+00	1.23E+00	8.71E-02	3.22E+00	0.00E+00	2.58E-08	1.30E-08	8.15E-04	1.86E-06	1.91E-01	0.00E+00	3.22E+00	8.67E-07	3.22E+00	3.30E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.77E+01
WH227101TG	1.92E-03	3.30E-01	5.50E-02	2.63E-01	0.00E+00	0.00E+00	1.08E+00	2.75E-06	7.36E-04	2.78E-03	0.00E+00	-5.07E-03	2.05E-10	8.21E-09	1.11E-02	4.60E-01	5.38E-06	0.00E+00	1.21E+00	8.47E-02	3.24E+00	0.00E+00	2.57E-08	1.28E-08	8.08E-04	1.91E-06	1.88E-01	0.00E+00	3.24E+00	8.14E-07	3.24E+00	3.31E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.83E+01
WH227102K	1.08E-03	2.62E-01	2.53E-02	1.79E-01	0.00E+00	0.00E+00	6.87E-01	1.76E-06	6.92E-04	1.54E-03	0.00E+00	4.77E-03	1.18E-10	7.62E-09	5.10E-03	2.19E-01	5.05E-06	0.00E+00	6.98E-01	3.06E-02	1.46E+00	0.00E+00	1.13E-08	6.25E-09	4.17E-04	8.91E-07	1.16E-01	0.00E+00	1.46E+00	5.41E-07	1.46E+00	1.59E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH227102T	1.97E-03	3.28E-01	5.19E-02	2.66E-01	0.00E+00	0.00E+00	9.71E-01	2.82E-06	7.63E-04	2.85E-03	0.00E+00	-5.49E-03	1.85E-10	8.35E-09	1.12E-02	4.61E-01	5.44E-06	0.00E+00	1.23E+00	8.71E-02	3.22E+00	0.00E+00	2.58E-08	1.30E-08	8.15E-04	1.86E-06	1.91E-01	0.00E+00	3.22E+00	8.67E-07	3.22E+00	3.30E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.77E+01
WH227102TG	1.92E-03	3.30E-01	5.50E-02	2.63E-01	0.00E+00	0.00E+00	1.08E+00	2.75E-06	7.36E-04	2.78E-03	0.00E+00	-5.07E-03	2.05E-10	8.21E-09	1.11E-02	4.60E-01	5.38E-06	0.00E+00	1.21E+00	8.47E-02	3.24E+00	0.00E+00	2.57E-08	1.28E-08	8.08E-04	1.91E-06	1.88E-01	0.00E+00	3.24E+00	8.14E-07	3.24E+00	3.31E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.83E+01
WH227103K	1.08E-03	2.62E-01	2.53E-02	1.79E-01	0.00E+00	0.00E+00	6.87E-01	1.76E-06	6.92E-04	1.54E-03	0.00E+00	4.77E-03	1.18E-10	7.62E-09	5.10E-03	2.19E-01	5.05E-06	0.00E+00	6.98E-01	3.06E-02	1.46E+00	0.00E+00	1.13E-08	6.25E-09	4.17E-04	8.91E-07	1.16E-01	0.00E+00	1.46E+00	5.41E-07	1.46E+00	1.59E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH227103T	1.97E-03	3.28E-01	5.19E-02	2.66E-01	0.00E+00	0.00E+00	9.71E-01	2.82E-06	7.63E-04	2.85E-03	0.00E+00	-5.49E-03	1.85E-10	8.35E-09	1.12E-02	4.61E-01	5.44E-06	0.00E+00	1.23E+00	8.71E-02	3.22E+00	0.00E+00	2.58E-08	1.30E-08	8.15E-04	1.86E-06	1.91E-01	0.00E+00	3.22E+00	8.67E-07	3.22E+00	3.30E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.77E+01
WH227103TG	1.92E-03	3.30E-01	5.50E-02	2.63E-01	0.00E+00	0.00E+00	1.08E+00	2.75E-06	7.36E-04	2.78E-03	0.00E+00	-5.07E-03	2.05E-10	8.21E-09	1.11E-02	4.60E-01	5.38E-06	0.00E+00	1.21E+00	8.47E-02	3.24E+00	0.00E+00	2.57E-08	1.28E-08	8.08E-04	1.91E-06	1.88E-01	0.00E+00	3.24E+00	8.14E-07	3.24E+00	3.31E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.83E+01
WH227111K	1.08E-03	2.62E-01	2.53E-02	1.79E-01	0.00E+00	0.00E+00	6.87E-01	1.76E-06	6.92E-04	1.54E-03	0.00E+00	4.78E-03	1.18E-10	7.62E-09	5.10E-03	2.19E-01	5.05E-06	0.00E+00	6.98E-01	3.04E-02	1.46E+00	0.00E+00	1.13E-08	6.26E-09	4.17E-04	8.88E-07	1.16E-01	0.00E+00	1.46E+00	5.48E-07	1.46E+00	1.59E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH227111T	1.97E-03	3.29E-01	5.18E-02	2.68E-01	0.00E+00	0.00E+00	9.71E-01	2.85E-06	7.63E-04	2.87E-03	0.00E+00	-5.46E-03	1.85E-10	8.34E-09	1.12E-02	4.63E-01	5.44E-06	0.00E+00	1.23E+00	8.64E-02	3.24E+00	0.00E+00	2.60E-08	1.32E-08	8.18E-04	1.86E-06	1.92E-01	0.00E+00	3.24E+00	8.92E-07	3.24E+00	3.32E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
WH227111TG	1.92E-03	3.30E-01	5.49E-02	2.64E-01	0.00E+00	0.00E+00	1.08E+00	2.78E-06	7.36E-04	2.81E-03	0.00E+00	-5.04E-03	2.05E-10	8.21E-09	1.11E-02	4.61E-01	5.38E-06	0.00E+00	1.21E+00	8.41E-02	3.25E+00	0.00E+00	2.59E-08	1.30E-08	8.11E-04	1.90E-06	1.89E-01	0.00E+00	3.25E+00	8.38E-07	3.25E+00	3.32E+00	1.89E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+01
WH227112K	1.08E-03	2.62E-01	2.53E-02	1.79E-01	0.00E+00	0.00E+00	6.87E-01	1.76E-06	6.92E-04	1.54E-03	0.00E+00	4.78E-03	1.18E-10	7.62E-09	5.10E-03	2.19E-01	5.05E-06	0.00E+00	6.98E-01	3.04E-02	1.46E+00	0.00E+00	1.13E-08	6.26E-09	4.17E-04	8.88E-07	1.16E-01	0.00E+00	1.46E+00	5.48E-07	1.46E+00	1.59E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH227112T	1.97E-03	3.29E-01	5.18E-02	2.68E-01	0.00E+00	0.00E+00	9.71E-01	2.85E-06	7.63E-04	2.87E-03	0.00E+00	-5.46E-03	1.85E-10	8.34E-09	1.12E-02	4.63E-01	5.44E-06	0.00E+00	1.23E+00	8.64E-02	3.24E+00	0.00E+00	2.60E-08	1.32E-08	8.18E-04	1.86E-06	1.92E-01	0.00E+00	3.24E+00	8.92E-07	3.24E+00	3.32E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
WH227112TG	1.92E-03	3.30E-01	5.49E-02	2.64E-01	0.00E+00	0.00E+00	1.08E+00	2.78E-06	7.36E-04	2.81E-03	0.00E+00	-5.04E-03	2.05E-10	8.21E-09	1.11E-02	4.61E-01	5.38E-06	0.00E+00	1.21E+00	8.41E-02	3.25E+00	0.00E+00	2.59E-08	1.30E-08	8.11E-04	1.90E-06	1.89E-01	0.00E+00	3.25E+00	8.38E-07	3.25E+00	3.32E+00	1.89E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+01
WH227113K	1.08E-03	2.62E-01	2.53E-02	1.79E-01	0.00E+00	0.00E+00	6.87E-01	1.76E-06	6.92E-04	1.54E-03	0.00E+00	4.78E-03	1.18E-10	7.62E-09	5.10E-03	2.19E-01	5.05E-06	0.00E+00	6.98E-01	3.04E-02	1.46E+00	0.00E+00	1.13E-08	6.26E-09	4.17E-04	8.88E-07	1.16E-01	0.00E+00	1.46E+00	5.48E-07	1.46E+00	1.59E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH227113T	1.97E-03	3.29E-01	5.18E-02	2.68E-01	0.00E+00	0.00E+00	9.71E-01	2.85E-06	7.63E-04	2.87E-03	0.00E+00	-5.46E-03	1.85E-10	8.34E-09	1.12E-02	4.63E-01	5.44E-06	0.00E+00	1.23E+00	8.64E-02	3.24E+00	0.00E+00	2.60E-08	1.32E-08	8.18E-04	1.86E-06	1.92E-01	0.00E+00	3.24E+00	8.92E-07	3.24E+00	3.32E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
WH227113TG	1.92E-03	3.30E-01	5.49E-02	2.64E-01	0.00E+00	0.00E+00	1.08E+00	2.78E-06	7.36E-04	2.81E-03	0.00E+00	-5.04E-03	2.05E-10	8.21E-09	1.11E-02	4.61E-01	5.38E-06	0.00E+00	1.21E+00	8.41E-02	3.25E+00	0.00E+00	2.59E-08	1.30E-08	8.11E-04	1.90E-06	1.89E-01	0.00E+00	3.25E+00	8.38E-07	3.25E+00	3.32E+00	1.89E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+01
WH227301K	1.21E-03	2.65E-01	2.55E-02	1.87E-01	0.00E+00	0.00E+00	6.94E-01	1.74E-06	7.29E-04	1.57E-03	0.00E+00	4.89E-03	1.19E-10	7.60E-09	5.19E-03	2.24E-01	0.00E+00	0.00E+00	6.94E-01	3.46E-02	1.47E+00	0.00E+00	1.13E-08	6.23E-09	4.21E-04	8.94E-07	1.16E-01	0.00E+00	1.47E+00	5.14E-07	1.47E+00	1.61E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH227301T	2.14E-03	3.25E-01	4.77E-02	2.77E-01	0.00E+00	0.00E+00	1.64E+00	3.08E-06	8.86E-04	3.16E-03	0.00E+00	2.29E-02	1.79E-10	8.66E-09	2.08E-02	5.00E-01	5.47E-06	0.00E+00	1.19E+00	3.41E-03	3.76E+00	0.00E+00	2.74E-08	1.44E-08	9.26E-04	1.39E-06	2.50E-01	0.00E+00	3.76E+00	1.40E-06	3.76E+00	4.01E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	4.35E+01
WH227301TG	1.94E-03	3.27E-01	4.42E-02	2.63E-01	0.00E+00	0.00E+00	1.08E+00	2.76E-06	7.57E-04	2.79E-03	0.00E+00	-4.30E-03	2.06E-10	8.34E-09	1.11E-02	4.61E-01	5.07E-06	0.00E+00	1.22E+00	6.96E-02	3.24E+00	0.00E+00	2.57E-08	1.29E-08	8.09E-04	1.49E-06	1.90E-01	0.00E+00	3.24E+00	8.17E-07	3.24E+00	3.32E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+01
WH227302K	1.21E-03	2.65E-01	2.55E-02	1.87E-01	0.00E+00	0.00E+00	6.94E-01	1.74E-06	7.29E-04	1.57E-03	0.00E+00	4.89E-03	1.19E-10	7.60E-09	5.19E-03	2.24E-01	0.00E+00	0.00E+00	6.94E-01	3.46E-02	1.47E+00	0.00E+00	1.13E-08	6.23E-09	4.21E-04	8.94E-07	1.16E-01	0.00E+00	1.47E+00	5.14E-07	1.47E+00	1.61E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH227302T	1.99E-03	3.11E-01	4.07E-02	2.71E-01	0.00E+00	0.00E+00	1.03E+00	3.01E-06	8.58E-04	2.79E-03	0.00E+00	-4.32E-03	1.73E-10	8.58E-09	1.12E-02	4.92E-01	5.47E-06	0.00E+00	1.17E+00	5.71E-02	3.27E+00	0.00E+00	2.61E-08	1.32E-08	8.41E-04	1.41E-06	2.09E-01	0.00E+00	3.27E+00	8.67E-07	3.27E+00	3.48E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	4.29E+01
WH227302TG	1.94E-03	3.27E-01	4.42E-02	2.63E-01	0.00E+00	0.00E+00	1.08E+00	2.76E-06	7.57E-04	2.79E-03	0.00E+00	-4.30E-03	2.06E-10	8.34E-09	1.11E-02	4.61E-01	5.07E-06	0.00E+00	1.22E+00	6.96E-02	3.24E+00	0.00E+00	2.57E-08	1.29E-08	8.09E-04	1.49E-06	1.90E-01	0.00E+00	3.24E+00	8.17E-07	3.24E+00	3.32E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+01
WH227303K	1.21E-03	2.65E-01	2.55E-02	1.87E-01	0.00E+00	0.00E+00	6.94E-01	1.74E-06	7.29E-04	1.57E-03	0.00E+00	4.89E-03	1.19E-10	7.60E-09	5.19E-03	2.24E-01	0.00E+00	0.00E+00	6.94E-01	3.46E-02	1.47E+00	0.00E+00	1.13E-08	6.23E-09	4.21E-04	8.94E-07	1.16E-01	0.00E+00	1.47E+00	5.14E-07	1.47E+00	1.61E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH227303T	2.01E-03	3.13E-01	3.91E-02	2.74E-01	0.00E+00	0.00E+00	1.04E+00	3.06E-06	8.61E-04	2.83E-03	0.00E+00	-4.11E-03	1.74E-10	8.60E-09	1.14E-02	4.99E-01	5.47E-06	0.00E+00	1.19E+00	5.43E-02	3.33E+00	0.00E+00	2.66E-08	1.34E-08	8.53E-04	1.34E-06	2.13E-01	0.00E+00	3.33E+00	9.23E-07	3.33E+00	3.55E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	4.35E+01

WH227303TG	1.94E-03	3.27E-01	4.42E-02	2.63E-01	0.00E+00	0.00E+00	1.08E+00	2.76E-06	7.57E-04	2.79E-03	0.00E+00	-4.30E-03	2.06E-10	8.34E-09	1.11E-02	4.61E-01	5.07E-06	0.00E+00	1.22E+00	6.96E-02	3.24E+00	0.00E+00	2.57E-08	1.29E-08	8.09E-04	1.49E-06	1.90E-01	0.00E+00	3.24E+00	8.17E-07	3.24E+00	3.32E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+01
WH227311K	1.21E-03	2.65E-01	2.54E-02	1.87E-01	0.00E+00	0.00E+00	6.94E-01	1.75E-06	7.29E-04	1.57E-03	0.00E+00	4.89E-03	1.19E-10	7.60E-09	5.19E-03	2.24E-01	0.00E+00	0.00E+00	6.94E-01	3.45E-02	1.47E+00	0.00E+00	1.13E-08	6.24E-09	4.21E-04	8.91E-07	1.16E-01	0.00E+00	1.47E+00	5.21E-07	1.47E+00	1.61E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH227311T	2.05E-03	3.20E-01	3.93E-02	2.80E-01	0.00E+00	0.00E+00	1.06E+00	3.14E-06	8.68E-04	2.90E-03	0.00E+00	-4.12E-03	1.77E-10	8.64E-09	1.17E-02	5.12E-01	5.47E-06	0.00E+00	1.22E+00	5.45E-02	3.44E+00	0.00E+00	2.74E-08	1.38E-08	8.77E-04	1.35E-06	2.18E-01	0.00E+00	3.44E+00	9.76E-07	3.44E+00	3.66E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	4.46E+01
WH227311TG	1.94E-03	3.28E-01	4.38E-02	2.65E-01	0.00E+00	0.00E+00	1.08E+00	2.78E-06	7.57E-04	2.81E-03	0.00E+00	-4.26E-03	2.06E-10	8.34E-09	1.11E-02	4.63E-01	5.07E-06	0.00E+00	1.22E+00	6.88E-02	3.26E+00	0.00E+00	2.59E-08	1.30E-08	8.12E-04	1.48E-06	1.91E-01	0.00E+00	3.26E+00	8.41E-07	3.26E+00	3.33E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.85E+01
WH227312K	1.21E-03	2.65E-01	2.54E-02	1.87E-01	0.00E+00	0.00E+00	6.94E-01	1.75E-06	7.29E-04	1.57E-03	0.00E+00	4.89E-03	1.19E-10	7.60E-09	5.19E-03	2.24E-01	0.00E+00	0.00E+00	6.94E-01	3.45E-02	1.47E+00	0.00E+00	1.13E-08	6.24E-09	4.21E-04	8.91E-07	1.16E-01	0.00E+00	1.47E+00	5.21E-07	1.47E+00	1.61E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH227312T	2.05E-03	3.20E-01	3.93E-02	2.80E-01	0.00E+00	0.00E+00	1.06E+00	3.14E-06	8.68E-04	2.90E-03	0.00E+00	-4.12E-03	1.77E-10	8.64E-09	1.17E-02	5.12E-01	5.47E-06	0.00E+00	1.22E+00	5.45E-02	3.44E+00	0.00E+00	2.74E-08	1.38E-08	8.77E-04	1.35E-06	2.18E-01	0.00E+00	3.44E+00	9.76E-07	3.44E+00	3.66E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	4.46E+01
WH227312TG	1.94E-03	3.28E-01	4.38E-02	2.65E-01	0.00E+00	0.00E+00	1.08E+00	2.78E-06	7.57E-04	2.81E-03	0.00E+00	-4.26E-03	2.06E-10	8.34E-09	1.11E-02	4.63E-01	5.07E-06	0.00E+00	1.22E+00	6.88E-02	3.26E+00	0.00E+00	2.59E-08	1.30E-08	8.12E-04	1.48E-06	1.91E-01	0.00E+00	3.26E+00	8.41E-07	3.26E+00	3.33E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.85E+01
WH227313K	1.21E-03	2.65E-01	2.54E-02	1.87E-01	0.00E+00	0.00E+00	6.94E-01	1.75E-06	7.29E-04	1.57E-03	0.00E+00	4.89E-03	1.19E-10	7.60E-09	5.19E-03	2.24E-01	0.00E+00	0.00E+00	6.94E-01	3.45E-02	1.47E+00	0.00E+00	1.13E-08	6.24E-09	4.21E-04	8.91E-07	1.16E-01	0.00E+00	1.47E+00	5.21E-07	1.47E+00	1.61E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH227313T	2.05E-03	3.20E-01	3.93E-02	2.80E-01	0.00E+00	0.00E+00	1.06E+00	3.14E-06	8.68E-04	2.90E-03	0.00E+00	-4.12E-03	1.77E-10	8.64E-09	1.17E-02	5.12E-01	5.47E-06	0.00E+00	1.22E+00	5.45E-02	3.44E+00	0.00E+00	2.74E-08	1.38E-08	8.77E-04	1.35E-06	2.18E-01	0.00E+00	3.44E+00	9.76E-07	3.44E+00	3.66E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	4.46E+01
WH227313TG	1.94E-03	3.28E-01	4.38E-02	2.65E-01	0.00E+00	0.00E+00	1.08E+00	2.78E-06	7.57E-04	2.81E-03	0.00E+00	-4.26E-03	2.06E-10	8.34E-09	1.11E-02	4.63E-01	5.07E-06	0.00E+00	1.22E+00	6.88E-02	3.26E+00	0.00E+00	2.59E-08	1.30E-08	8.12E-04	1.48E-06	1.91E-01	0.00E+00	3.26E+00	8.41E-07	3.26E+00	3.33E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.85E+01
WH22790000T	1.11E-03	2.30E-01	5.98E-02	1.77E-01	0.00E+00	0.00E+00	6.07E-01	1.24E-06	6.40E-04	1.62E-03	0.00E+00	-5.38E-03	1.16E-10	7.28E-09	4.62E-03	2.39E-01	5.05E-06	0.00E+00	5.27E-01	7.44E-02	1.31E+00	0.00E+00	1.20E-08	5.71E-09	4.66E-04	2.04E-06	9.13E-02	0.00E+00	1.31E+00	-2.58E-07	1.31E+00	1.40E+00	9.13E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH22790003T	1.11E-03	2.30E-01	5.98E-02	1.77E-01	0.00E+00	0.00E+00	6.07E-01	1.24E-06	6.40E-04	1.62E-03	0.00E+00	-5.38E-03	1.16E-10	7.28E-09	4.62E-03	2.39E-01	5.05E-06	0.00E+00	5.27E-01	7.44E-02	1.31E+00	0.00E+00	1.20E-08	5.71E-09	4.66E-04	2.04E-06	9.13E-02	0.00E+00	1.31E+00	-2.58E-07	1.31E+00	1.40E+00	9.13E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH22892000T	1.04E-03	2.28E-01	5.96E-02	1.68E-01	0.00E+00	0.00E+00	5.98E-01	1.11E-06	6.38E-04	1.54E-03	0.00E+00	-5.39E-03	1.16E-10	7.18E-09	4.54E-03	2.25E-01	5.05E-06	0.00E+00	5.19E-01	7.43E-02	1.29E+00	0.00E+00	1.20E-08	5.65E-09	4.51E-04	2.04E-06	9.04E-02	0.00E+00	1.29E+00	-2.61E-07	1.29E+00	1.39E+00	9.04E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
WH22892003T	1.04E-03	2.28E-01	5.96E-02	1.68E-01	0.00E+00	0.00E+00	5.98E-01	1.11E-06	6.38E-04	1.54E-03	0.00E+00	-5.39E-03	1.16E-10	7.18E-09	4.54E-03	2.25E-01	5.05E-06	0.00E+00	5.19E-01	7.43E-02	1.29E+00	0.00E+00	1.20E-08	5.65E-09	4.51E-04	2.04E-06	9.04E-02	0.00E+00	1.29E+00	-2.61E-07	1.29E+00	1.39E+00	9.04E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
WH22892005T	1.04E-03	2.28E-01	5.96E-02	1.68E-01	0.00E+00	0.00E+00	5.98E-01	1.11E-06	6.38E-04	1.54E-03	0.00E+00	-5.39E-03	1.16E-10	7.18E-09	4.54E-03	2.25E-01	5.05E-06	0.00E+00	5.19E-01	7.43E-02	1.29E+00	0.00E+00	1.20E-08	5.65E-09	4.51E-04	2.04E-06	9.04E-02	0.00E+00	1.29E+00	-2.61E-07	1.29E+00	1.39E+00	9.04E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
WH228921K	1.15E-03	2.54E-01	2.33E-02	1.76E-01	0.00E+00	0.00E+00	6.81E-01	1.71E-06	6.86E-04	1.51E-03	0.00E+00	5.58E-03	1.19E-10	7.95E-09	5.33E-03	2.23E-01	0.00E+00	0.00E+00	6.81E-01	1.69E-02	1.46E+00	0.00E+00	1.13E-08	6.28E-09	4.18E-04	6.49E-07	1.15E-01	0.00E+00	1.46E+00	5.48E-07	1.46E+00	1.59E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH228921T	2.16E-03	3.31E-01	5.48E-02	2.67E-01	0.00E+00	0.00E+00	1.03E+00	2.94E-06	7.65E-04	2.88E-03	0.00E+00	-5.87E-03	1.90E-10	8.42E-09	1.16E-02	5.04E-01	5.38E-06	0.00E+00	1.23E+00	8.73E-02	3.34E+00	0.00E+00	2.70E-08	1.34E-08	8.23E-04	2.02E-06	2.00E-01	0.00E+00	3.34E+00	8.70E-07	3.34E+00	3.41E+00	2.00E-01	0.00E+00	0.00E+00	0.00E+00	3.99E+01
WH228921TG	2.15E-03	3.32E-01	5.55E-02	2.67E-01	0.00E+00	0.00E+00	1.12E+00	2.89E-06	7.46E-04	2.84E-03	0.00E+00	-5.17E-03	2.12E-10	8.31E-09	1.16E-02	5.02E-01	5.36E-06	0.00E+00	1.21E+00	7.29E-02	3.34E+00	0.00E+00	2.68E-08	1.33E-08	8.16E-04	1.95E-06	1.98E-01	0.00E+00	3.34E+00	8.08E-07	3.34E+00	3.42E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.03E+01
WH228924K	1.15E-03	2.54E-01	2.33E-02	1.76E-01	0.00E+00	0.00E+00	6.81E-01	1.71E-06	6.86E-04	1.51E-03	0.00E+00	5.58E-03	1.19E-10	7.95E-09	5.33E-03	2.23E-01	0.00E+00	0.00E+00	6.81E-01	1.69E-02	1.46E+00	0.00E+00	1.13E-08	6.28E-09	4.18E-04	6.47E-07	1.15E-01	0.00E+00	1.46E+00	5.55E-07	1.46E+00	1.59E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH228924T	1.77E-03	3.36E-01	5.66E-02	2.80E-01	0.00E+00	0.00E+00	9.48E-01	2.95E-06	6.72E-04	2.86E-03	0.00E+00	-6.35E-03	1.56E-10	6.58E-09	1.13E-02	4.64E-01	5.47E-06	0.00E+00	1.11E+00	8.38E-02	3.32E+00	0.00E+00	2.65E-08	1.31E-08	8.48E-04	2.06E-06	1.97E-01	0.00E+00	3.32E+00	7.16E-07	3.32E+00	3.52E+00	1.97E-01	0.00E+00	0.00E+00	0.00E+00	4.07E+01
WH228924TG	2.16E-03	3.32E-01	5.54E-02	2.69E-01	0.00E+00	0.00E+00	1.12E+00	2.91E-06	7.47E-04	2.85E-03	0.00E+00	-5.15E-03	2.12E-10	8.30E-09	1.16E-02	5.04E-01	5.36E-06	0.00E+00	1.21E+00	7.25E-02	3.36E+00	0.00E+00	2.69E-08	1.34E-08	8.18E-04	1.94E-06	1.99E-01	0.00E+00	3.36E+00	8.29E-07	3.36E+00	3.43E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	4.04E+01
WH23580300Q	4.13E-04	1.59E-01	7.35E-02	8.59E-02	0.00E+00	0.00E+00	2.85E-01	5.13E-07	2.40E-04	7.00E-04	0.00E+00	-8.96E-03	5.11E-11	2.75E-09	1.93E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	1.18E-01	3.95E-01	0.00E+00	3.28E-09	1.56E-09	1.76E-04	2.87E-06	2.92E-02	0.00E+00	3.95E-01	-9.65E-07	3.95E-01	4.24E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	8.03E+00
WH23585300Q	4.13E-04	1.59E-01	7.35E-02	8.59E-02	0.00E+00	0.00E+00	2.85E-01	5.13E-07	2.40E-04	7.00E-04	0.00E+00	-8.96E-03	5.11E-11	2.75E-09	1.93E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	1.18E-01	3.95E-01	0.00E+00	3.28E-09	1.56E-09	1.76E-04	2.87E-06	2.92E-02	0.00E+00	3.95E-01	-9.65E-07	3.95E-01	4.24E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	8.03E+00
WH23585303Q	6.58E-04	1.87E-01	7.38E-02	1.10E-01	0.00E+00	0.00E+00	3.86E-01	6.86E-07	4.15E-04	9.34E-04	0.00E+00	-8.97E-03	9.97E-11	4.23E-09	2.68E-03	1.32E-01	0.00E+00	0.00E+00	3.35E-01	1.17E-01	6.14E-01	0.00E+00	4.88E-09	2.38E-09	2.39E-04	2.86E-06	5.38E-02	0.00E+00	6.14E-01	-9.59E-07	6.14E-01	6.37E-01	5.38E-02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
WH23585304Q	6.58E-04	1.87E-01	7.38E-02	1.10E-01	0.00E+00	0.00E+00	3.86E-01	6.86E-07	4.15E-04	9.34E-04	0.00E+00	-8.97E-03	9.97E-11	4.23E-09	2.68E-03	1.32E-01	0.00E+00	0.00E+00	3.35E-01	1.17E-01	6.14E-01	0.00E+00	4.88E-09	2.38E-09	2.39E-04	2.86E-06	5.38E-02	0.00E+00	6.14E-01	-9.59E-07	6.14E-01	6.37E-01	5.38E-02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
WH23585305Q	6.58E-04	1.87E-01	7.38E-02	1.10E-01	0.00E+00	0.00E+00	3.86E-01	6.86E-07	4.15E-04	9.34E-04	0.00E+00	-8.97E-03	9.97E-11	4.23E-09	2.68E-03	1.32E-01	0.00E+00	0.00E+00	3.35E-01	1.17E-01	6.14E-01	0.00E+00	4.88E-09	2.38E-09	2.39E-04	2.86E-06	5.38E-02	0.00E+00	6.14E-01	-9.59E-07	6.14E-01	6.37E-01	5.38E-02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
WH23585306Q	6.58E-04	1.87E-01	7.38E-02	1.10E-01	0.00E+00	0.00E+00	3.86E-01	6.86E-07	4.15E-04	9.34E-04	0.00E+00	-8.97E-03	9.97E-11	4.23E-09	2.68E-03	1.32E-01	0.00E+00	0.00E+00	3.35E-01	1.17E-01	6.14E-01	0.00E+00	4.88E-09	2.38E-09	2.39E-04	2.86E-06	5.38E-02	0.00E+00	6.14E-01	-9.59E-07	6.14E-01	6.37E-01	5.38E-02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
WH23585307Q	6.58E-04	1.87E-01	7.38E-02	1.10E-01	0.00E+00	0.00E+00	3.86E-01	6.86E-07	4.15E-04	9.34E-04	0.00E+00	-8.97E-03	9.97E-11	4.23E-09	2.68E-03	1.32E-01	0.00E+00	0.00E+00	3.35E-01	1.17E-01	6.14E-01	0.00E+00	4.88E-09	2.38E-09	2.39E-04	2.86E-06	5.38E-02	0.00E+00	6.14E-01	-9.59E-07	6.14E-01	6.37E-01	5.38E-02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
WH23585400Q	1.02E-03	2.28E-01	7.20E-02	1.59E-01	0.00E+00	0.00E+00	7.30E-01	1.50E-06	5.40E-04	1.29E-03	0.00E+00	-8.23E-03	1.11E-10	5.99E-09	4.89E-03	1.93E-01	0.00E+00	0.00E+00	5.44E-01	9.94E-02	1.21E+00	0.00E+00	1.04E-08	4.54E-09	3.62E-04	2.77E-06	8.55E-02	0.00E+00	1.21E+00	-7.47E-07	1.21E+00	1.32E+00	8.55E-02	0.00E+00	0.00E+00	0.00E+00	2.01E+01
WH23585403Q	1.02E-03	2.29E-01	7.20E-02	1.61E-01	0.00E+00	0.00E+00	7.25E-01	1.50E-06	5.32E-04	1.29E-03	0.00E+00	-8.23E-03	1.11E-10	5.90E-09	4.87E-03	1.94E-01	0.00E+00	0.00E+00	5.41E-01	9.95E-02	1.20E+00	0.00E+00	1.03E-08	4.50E-09	3.59E-04	2.77E-06	8.45E-02	0.00E+00	1.20E+00	-7.47E-07	1.20E+00	1.30E+00	8.45E-02	0.00E+00	0.00E+00	0.00E+00	2.01E+01
WH23585405Q	1.02E-03	2.29E-01	7.20E-02	1.61E-01	0.00E+00	0.00E+00	7.25E-01	1.50E-06	5.32E-04	1.29E-03	0.00E+00	-8.23E-03	1.11E-10	5.90E-09	4.87E-03	1.94E-01	0.00E+00	0.00E+00	5.41E-01	9.95E-02	1.20E+00	0.00E+00	1.03E-08	4.50E-09	3.59E-04	2.77E-06	8.45E-02	0.00E+00	1.20E+00	-7.47E-07	1.20E+00	1.30E+00	8.45E-02	0.00E+00	0.00E+00	0.00E+00	2.01E+01
WH23585406Q	1.02E-03	2.29E-01	7.20E-02	1.61E-01	0.00E+00	0.00E+00	7.25E-01	1.50E-06	5.32E-04	1.29E-03	0.00E+00	-8.23E-03	1.11E-10	5.90E-09	4.87E-03	1.94E-01	0.00E+00	0.00E+00	5.41E-01	9.95E-02	1.20E+00	0.00E+00	1.03E-08	4.50E-09	3.59E-04	2.77E-06	8.45E-02	0.00E+00	1.20E+00	-7.47E-07	1.20E+00	1.30E+00	8.45E-02	0.00E+00	0.00E+00	0.00E+00	2.01E+01
WH23592200Q	6.90E-04	2.05E-01	7.63E-02	1.28E-01	0.00E+00	0.00E+00	7.38E-01	1.35E-06	3.62E-04	1.12E-03	0.00E+00	-9.10E-03	1.29E-10	4.79E-09	4.45E-03	1.82E-01	0.00E+00	0.00E+00	5.35E-01	1.20E-01	9.10E-01	0.00E+00	7.40E-09	3.44E-09	2.91E-04	2.92E-06	8.37E-02	0.00E+00	9.10E-01	-8.94E-07	9.10E-01	9.94E-01	8.37E-02	0.00E+00	0.00E+00	0.00E+00	1.91E+01
WH23592203Q	9.95E-04	2.35E-01	7.29E-02	1.66E-01	0.00E+00	0.00E+00	7.33E-01	1.50E-06	5.03E-04	1.42E-03	0.00E+00	-8.57E-03	1.12E-10	5.42E-09	5.23E-03	1.98E-01	0.00E+00	0.00E+00	5.45E-01	1.10E-01	1.35E+00	0.00E+00	1.17E-08	5.15E-09	4.29E-04	2.83E-06	8.69E-02	0.00E+00	1.35E+00	-7.87E-07	1.35E+00	1.51E+00	8.69E-02	0.00E+00	0.00E+00	0.00E+00	2.02E+01
WH23592204Q	9.90E-04	2.35E-01	7.28E-02	1.66E-01	0.00E+00	0.00E+00	7.32E-01	1.50E-06	5.03E-04	1.42E-03	0.00E+00	-8.50E-03	1.12E-10	5.54E-09	5.23E-03	1.99E-01	0.00E+00	0.00E+00	5.45E-01	1.10E-01	1.35E+00	0.00E+00	1.17E-08	5.19E-09	4.28E-04	2.83E-06	8.63E-02	0.00E+00	1.35E+00	-7.86E-07	1.35E+00	1.52E+00	8.63E-02	0.00E+00	0.00E+00	0.00E+00	2.01E+01
WH23592205Q	9.95E-04	2.35E-01	7.29E-02	1.66E-01	0.00E+00	0.00E+00	7.33E-01	1.50E-06	5.03E-04	1.42E-03	0.00E+00	-8.57E-03	1.12E-10	5.42E-09	5.23E-03	1.98E-01	0.00E+00	0.00E+00	5.45E-01	1.10E-01	1.35E+00	0.00E+00	1.17E-08	5.15E-09	4.29E-04	2.83E-06	8.69E-02	0.00E+00	1.35E+00	-7.87E-07	1.35E+00	1.51E+00	8.69E-02	0.00E+00	0.00E+00	0.00E+00	2.02E+01
WH23592206Q	9.95E-04	2.35E-01	7.29E-02	1.66E-01	0.00E+00	0.00E+00	7.33E-01	1.50E-06	5.03E-04	1.42E-03	0.00E+00	-8.57E-03	1.12E-10	5.42E-09	5.23E-03	1.98E-01	0.00E+00	0.00E+00	5.45E-01	1.10E-01	1.35E+00	0.00E+00	1.17E-08	5.15E-09	4.29E-04	2.83E-06	8.69E-02	0.00E+00	1.35E+00	-7.87E-07	1.35E+00	1.51E+00	8.69E-02	0.00E+00	0.00E+00	0.00E+00	2.02E+01
WH23593200Q	1.72E-03	2.84E-01	7.56E-02	2.48E-01	0.00E+00	0.00E+00	1.17E+00	2.44E-06	7.09E-04	2.22E-03	0.00E+00	-9.22E-03	1.94E-10	8.02E-09	8.71E-03	4.71E-01	0.00E+00	0.00E+00	1.19E+00	1.22E-01	2.43E+00	0.00E+00	1.92E-08	9.78E-09	6.61E-04	2.92E-06	1.93E-01	0.00E+00	2.43E+00	-7.47E-07	2.43E+00	2.48E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	3.85E+01
WH23593203Q	2.07E-03	3.08E-01	7.23E-02	2.46E-01	0.00E+00	0.00E+00	1.04E+00	2.75E-06	7.58E-04	2.34E-03	0.00E+00	-8.52E-03	1.91E-10	8.00E-09	1.18E-02	5.03E-01	0.00E+00	0.00E+00	1.19E+00	1.15E-01	3.10E+00	0.00E+00	2.49E-08	1.26E-08	7.28E-04	2.69E-06	2.00E-01	0.00E+00	3.10E+00	-6.86E-07	3.10E+00	3.20E+00	2.00E-01	0.00E+00	0.00E+00	0.00E+00	3.92E+01
WH23593205Q	2.07E-03	3.08E-01	7.23E-02	2.46E-01	0.00E+00	0.00E+00	1.04E+00	2.75E-06	7.58E-04	2.34E-03	0.00E+00	-8.52E-03	1.91E-10	8.00E-09	1.18E-02	5.03E-01	0.00E+00	0.00E+00	1.19E+00	1.15E-01	3.10E+00	0.00E+00	2.49E-08	1.26E-08	7.28E-04	2.69E-06	2.00E-01	0.00E+00	3.10E+00	-6.86E-07	3.10E+00	3.20E+00	2.00E-01	0.00E+00	0.00E+00	0.00E+00	3.92E+01
WH23593206Q	2.07E-03	3.08E-01	7.23E-02	2.46E-01	0.00E+00	0.00E+00	1.04E+00	2.75E-06	7.58E-04	2.34E-03	0.00E+00	-8.52E-03	1.91E-10	8.00E-09	1.18E-02	5.03E-01	0.00E+00	0.00E+00	1.19E+00	1.15E-01	3.10E+00	0.00E+00	2.49E-08	1.26E-08	7.28E-04	2.69E-06	2.00E-01	0.00E+00	3.10E+00	-6.86E-07	3.10E+00	3.20E+00	2.00E-01	0.00E+00	0.00E+00	0.00E+00	3.92E+01
WH23595200Q	6.90E-04	2.05E-01	7.63E-02	1.28E-01	0.00E+00	0.00E+00	7.38E-01	1.35E-06	3.62E-04	1.12E-03	0.00E+00	-9.10E-03	1.29E-10	4.79E-09	4.45E-03	1.82E-01	0.00E+00	0.00E+00	5.35E-01	1.20E-01	9.10E-01	0.00E+00	7.40E-09	3.44E-09	2.91E-04	2.92E-06	8.37E-02	0.00E+00	9.10E-01	-8.94E-07	9.10E-01	9.94E-01	8.37E-02	0.00E+00	0.00E+00	0.00E+00	1.91E+01
WH23595203Q	1.00E-03	2.35E-01	7.29E-02	1.69E-01	0.00E+00	0.00E+00	7.34E-01	1.48E-06	5.03E-04	1.43E-03	0.00E+00	-8.57E-03	1.12E-10	5.46E-09	5.23E-03	1.99E-01	0.00E+00	0.00E+00	5.45E-01	1.10E-01	1.35E+00	0.00E+00	1.17E-08	5.13E-09	4.30E-04	2.83E-06	8.74E-02	0.00E+00	1.35E+00	-7.87E-07	1.35E+00	1.50E+00	8.74E-02	0.00E+00	0.00E+00	0.00E+00	2.02E+01
WH23595204Q	1.00E-03	2.35E-01	7.29E-02	1.69E-01	0.00E+00	0.00E+00	7.34E-01	1.48E-06	5.03E-04	1.43E-03	0.00E+00	-8.57E-03	1.12E-10	5.46E-09	5.23E-03	1.99E-01	0.00E+00	0.00E+00	5.45E-01	1.10E-01	1.35E+00	0.00E+00	1.17E-08	5.13E-09	4.30E-04	2.83E-06	8.74E-02	0.00E+00	1.35E+00	-7.87E-07	1.35E+00	1.50E+00	8.74E-02	0.00E+00	0.00E+00	0.00E+00	2.02E+01
WH23595205Q	1.00E-03	2.35E-01	7.29E-02	1.69E-01	0.00E+00	0.00E+00	7.34E-01	1.48E-06	5.03E-04	1.43E-03	0.00E+00	-8.57E-03	1.12E-10	5.46E-09	5.23E-03	1.99E-01	0.00E+00	0.00E+00	5.45E-01	1.10E-01	1.35E+00	0.00E+00	1.17E-08	5.13E-09	4.30E-04	2.83E-06	8.74E-02	0.00E+00	1.35E+00	-7.87E-07	1.35E+00	1.50E+00	8.74E-02	0.00E+00	0.00E+00	0.00E+00	2.02E+01
WH23595206Q	1.00E-03	2.35E-01	7.29E-02	1.69E-01	0.00E+00	0.00E+00	7.34E-01	1.48E-06	5.03E-04	1.43E-03	0.00E+00	-8.57E-03	1.12E-10	5.46E-09	5.23E-03	1.99E-01	0.00E+00	0.00E+00	5.45E-01	1.10E-01	1.35E+00	0.00E+00	1.17E-08	5.13E-09	4.30E-04	2.83E-06	8.74E-02	0.00E+00	1.35E+00	-7.87E-07	1.35E+00	1.50E+00	8.74E-02	0.00E+00	0.00E+00	0.00E+00	2.02E+01
WH23596200Q	8.22E-04	2.01E-01	7.56E-02	1.25E-01	0.00E+00	0.00E+00	4.37E-01	7.43E-07	5.12E-04	1.05E-03	0.00E+00	-9.10E-03	8.16E-11	5.49E-09	2.83E-03	1.55E-01	0.00E+00	0.00E+00	3.64E-01	1.20E-01	6.09E-01	0.00E+00	5.17E-09	2.71E-09	2.76E-04	2.92E-06	5.55E-02	0.00E+00	6.09E-01	-9.73E-07	6.09E-01	6.65E-01	5.55E-02	0.00E+00	0.00E+00	0.00E+00	1.33E+01
WH23596203Q	2.06E-03	3.06E-01	7.22E-02	2.46E-01	0.00E+00	0.00E+00	1.02E+00	2.70E-06	7.57E-04	2.34E-03	0.00E+00	-8.58E-03	1.92E-10	7.76E-09	1.19E-02	4.91E-01	0.00E+00	0.00E+00	1.20E+00	1.15E-01	3.09E+00	0.00E+00	2.49E-08	1.25E-08	7.28E-04	2.70E-06	1.99E-01	0.00E+00	3.09E+00	-7.27E-07	3.09E+00	3.18E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
WH23596204Q	2.06E-03	3.06E-01	7.22E-02	2.46E-01	0.00E+00	0.00E+00	1.02E+00	2.70E-06	7.57E-04	2.34E-03	0.00E+00	-8.58E-03	1.92E-10	7.76E-09	1.19E-02	4.91E-01	0.00E+00	0.00E+00	1.20E+00	1.15E-01	3.09E+00	0.00E+00	2.49E-08	1.25E-08	7.28E-04	2.70E-06	1.99E-01	0.00E+00	3.09E+00	-7.27E-07	3.09E+00	3.18E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
WH23596205Q	2.06E-03	3.06E-01	7.22E-02	2.46E-01	0.00E+00	0.00E+00	1.02E+00	2.70E-06	7.57E-04	2.34E-03	0.00E+00	-8.58E-03	1.92E-10	7.76E-09	1.19E-02	4.91E-01	0.00E+00	0.00E+00	1.20E+00	1.15E-01	3.09E+00	0.00E+00	2.49E-08	1.25E-08	7.28E-04	2.70E-06	1.99E-01	0.00E+00	3.09E+00	-7.27E-07	3.09E+00	3.18E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
WH23596206Q	2.06E-03	3.06E-01	7.22E-02	2.46E-01	0.00E+00	0.00E+00	1.02E+00	2.70E-06	7.57E-04	2.34E-03	0.00E+00	-8.58E-03	1.92E-10	7.76E-09	1.19E-02	4.91E-01	0.00E+00	0.00E+00	1.20E+00	1.15E-01	3.09E+00	0.00E+00	2.49E-08	1.25E-08	7.28E-04	2.70E-06	1.99E-01	0.00E+00	3.09E+00	-7.27E-07	3.09E+00	3.18E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
WH23596209Q	2.06E-03	3.06E-01	7.22E-02	2.46E-01	0.00E+00	0.00E+00	1.02E+00	2.70E-06	7.57E-04	2.34E-03	0.00E+00	-8.58E-03	1.92E-10	7.76E-09	1.19E-02	4.91E-01	0.00E+00	0.00E+00	1.20E+00	1.15E-01	3.09E+00	0.00E+00	2.49E-08	1.25E-08	7.28E-04	2.70E-06	1.99E-01	0.00E+00	3.09E+00	-7.27E-07	3.09E+00	3.18E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
WH23600700Q	1.21E-03	2.68E-01	7.55E-02	1.92E-01	0.00E+00	0.00E+00	2.08E+00	1.92E-06	6.77E-04	1.41E-03	0.00E+00	7.94E-03	1.34E-08	9.01E-09	5.33E-03	2.63E-01	0.00E+00	0.00E+00	6.50E-01	1.18E-01	1.34E+00	0.00E+00	1.06E-08	5.45E-09	4.07E-04	2.87E-06	1.06E-01	0.00E+00	1.34E+00	-6.31E-07	1.34E+00	1.44E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.38E+01
WH23620300Q	8.34E-04	1.96E-01	7.66E-02	1.20E-01	0.00E+00	0.00E+00	4.44E-01	7.56E-07	5.26E-04	1.01E-03	0.00E+00	-9.22E-03	8.26E-11	5.69E-09	2.78E-03	1.55E-01	0.00E+00	0.00E+00	3.69E-01	1.22E-01	5.95E-01	0.00E+00	5.01E-09	2.64E-09	2.67E-04	2.95E-06	5.57E-02	0.00E+00	5.95E-01	-9.94E-07	5.95E-01	6.51E-01	5.57E-02	0.00E+00	0.00E+00	0.00E+00	1.35E+01
WH23620303Q	8.69E-04	2.00E-01	7.39E-02	1.25E-01	0.00E+00	0.00E+00	4.56E-01	7.88E-07	5.54E-04	1.05E-03	0.00E+00	-9.19E-03	1.01E-10	5.82E-09	2.88E-03	1.56E-01	1.82E-08	0.00E+00	3.88E-01	1.21E-01	6.76E-01	0.00E+00	5.44E-09	2.82E-09	2.79E-04	2.86E-06	6.21E-02	0.00E+00	6.76E-01	-9.75E-07	6.76E-01	7.27E-01	6.21E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23620304Q	8.69E-04	2.00E-01	7.39E-02	1.25E-01	0.00E+00	0.00E+00	4.56E-01	7.88E-07	5.54E-04	1.05E-03	0.00E+00	-9.19E-03	1.01E-10	5.82E-09	2.88E-03	1.56E-01	1.82E-08	0.00E+00	3.88E-01	1.21E-01	6.76E-01	0.00E+00	5.44E-09	2.82E-09	2.79E-04	2.86E-06	6.21E-02	0.00E+00	6.76E-01	-9.75E-07	6.76E-01	7.27E-01	6.21E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23620305Q	8.69E-04	2.00E-01	7.39E-02	1.25E-01	0.00E+00	0.00E+00	4.56E-01	7.88E-07	5.54E-04	1.05E-03	0.00E+00	-9.19E-03	1.01E-10	5.82E-09	2.88E-03	1.56E-01	1.82E-08	0.00E+00	3.88E-01	1.21E-01	6.76E-01	0.00E+00	5.44E-09	2.82E-09	2.79E-04	2.86E-06	6.21E-02	0.00E+00	6.76E-01	-9.75E-07	6.76E-01	7.27E-01	6.21E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23620306Q	8.69E-04	2.00E-01	7.39E-02	1.25E-01	0.00E+00	0.00E+00	4.56E-01	7.88E-07	5.54E-04	1.05E-03	0.00E+00	-9.19E-03	1.01E-10	5.82E-09	2.88E-03	1.56E-01	1.82E-08	0.00E+00	3.88E-01	1.21E-01	6.76E-01	0.00E+00	5.44E-09	2.82E-09	2.79E-04	2.86E-06	6.21E-02	0.00E+00	6.76E-01	-9.75E-07	6.76E-01	7.27E-01	6.21E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23620307Q	8.69E-04	2.00E-01	7.39E-02	1.25E-01	0.00E+00	0.00E+00	4.56E-01	7.88E-07	5.54E-04	1.05E-03	0.00E+00	-9.19E-03	1.01E-10	5.82E-09	2.88E-03	1.56E-01	1.82E-08	0.00E+00	3.88E-01	1.21E-01	6.76E-01	0.00E+00	5.44E-09	2.82E-09	2.79E-04	2.86E-06	6.21E-02	0.00E+00	6.76E-01	-9.75E-07	6.76E-01	7.27E-01	6.21E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23620309Q	8.69E-04	2.00E-01	7.39E-02	1.25E-01	0.00E+00	0.00E+00	4.56E-01	7.88E-07	5.54E-04	1.05E-03	0.00E+00	-9.19E-03	1.01E-10	5.82E-09	2.88E-03	1.56E-01	1.82E-08	0.00E+00	3.88E-01	1.21E-01	6.76E-01	0.00E+00	5.44E-09	2.82E-09	2.79E-04	2.86E-06	6.21E-02	0.00E+00	6.76E-01	-9.75E-07	6.76E-01	7.27E-01	6.21E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23620700Q	9.31E-04	2.01E-01	7.33E-02	1.36E-01	0.00E+00	0.00E+00	4.79E-01	9.64E-07	5.58E-04	1.09E-03	0.00E+00	-9.09E-03	1.02E-10	5.86E-09	3.06E-03	1.75E-01	1.82E-08	0.00E+00	4.01E-01	1.21E-01	7.03E-01	0.00E+00	5.63E-09	2.90E-09	2.84E-04	2.82E-06	6.64E-02	0.00E+00	7.03E-01	-9.26E-07	7.03E-01	7.69E-01	6.64E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
WH23620703Q	8.43E-04	2.00E-01	7.39E-02	1.25E-01	0.00E+00	0.00E+00	4.56E-01	7.92E-07	5.56E-04	1.05E-03	0.00E+00	-9.19E-03	1.01E-10	5.84E-09	2.88E-03	1.56E-01	1.82E-08	0.00E+00	3.89E-01	1.21E-01	6.76E-01	0.00E+00	5.44E-09	2.83E-09	2.79E-04	2.86E-06	6.22E-02	0.00E+00	6.76E-01	-9.75E-07	6.76E-01	7.27E-01	6.22E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23620705Q	8.43E-04	2.00E-01	7.39E-02	1.25E-01	0.00E+00	0.00E+00	4.56E-01	7.92E-07	5.56E-04	1.05E-03	0.00E+00	-9.19E-03	1.01E-10	5.84E-09	2.88E-03	1.56E-01	1.82E-08	0.00E+00	3.89E-01	1.21E-01	6.76E-01	0.00E+00	5.44E-09	2.83E-09	2.79E-04	2.86E-06	6.22E-02	0.00E+00	6.76E-01	-9.75E-07	6.76E-01	7.27E-01	6.22E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23620709Q	8.43E-04	2.00E-01	7.39E-02	1.25E-01	0.00E+00	0.00E+00	4.56E-01	7.92E-07	5.56E-04	1.05E-03	0.00E+00	-9.19E-03	1.01E-10	5.84E-09	2.88E-03	1.56E-01	1.82E-08	0.00E+00	3.89E-01	1.21E-01	6.76E-01	0.00E+00	5.44E-09	2.83E-09	2.79E-04	2.86E-06	6.22E-02	0.00E+00	6.76E-01	-9.75E-07	6.76E-01	7.27E-01	6.22E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23623300Q	9.51E-04	2.02E-01	7.36E-02	1.41E-01	0.00E+00	0.00E+00	4.89E-01	9.54E-07	5.62E-04	1.11E-03	0.00E+00	-9.10E-03	1.02E-10	5.90E-09	3.08E-03	1.79E-01	1.82E-08	0.00E+00	4.08E-01	1.21E-01	7.07E-01	0.00E+00	5.78E-09	2.92E-09	2.93E-04	2.83E-06	6.76E-02	0.00E+00	7.07E-01	-9.19E-07	7.07E-01	7.72E-01	6.76E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
WH23623303Q	8.76E-04	2.02E-01	7.42E-02	1.28E-01	0.00E+00	0.00E+00	4.65E-01	7.87E-07	5.58E-04	1.07E-03	0.00E+00	-9.19E-03	1.02E-10	5.87E-09	2.90E-03	1.61E-01	1.82E-08	0.00E+00	3.95E-01	1.21E-01	6.81E-01	0.00E+00	5.60E-09	2.85E-09	2.87E-04	2.86E-06	6.35E-02	0.00E+00	6.81E-01	-9.67E-07	6.81E-01	7.31E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23623304Q	8.76E-04	2.02E-01	7.42E-02	1.28E-01	0.00E+00	0.00E+00	4.65E-01	7.87E-07	5.58E-04	1.07E-03	0.00E+00	-9.19E-03	1.02E-10	5.87E-09	2.90E-03	1.61E-01	1.82E-08	0.00E+00	3.95E-01	1.21E-01	6.81E-01	0.00E+00	5.60E-09	2.85E-09	2.87E-04	2.86E-06	6.35E-02	0.00E+00	6.81E-01	-9.67E-07	6.81E-01	7.31E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23623309Q	8.76E-04	2.02E-01	7.42E-02	1.28E-01	0.00E+00	0.00E+00	4.65E-01	7.87E-07	5.58E-04	1.07E-03	0.00E+00	-9.19E-03	1.02E-10	5.87E-09	2.90E-03	1.61E-01	1.82E-08	0.00E+00	3.95E-01	1.21E-01	6.81E-01	0.00E+00	5.60E-09	2.85E-09	2.87E-04	2.86E-06	6.35E-02	0.00E+00	6.81E-01	-9.67E-07	6.81E-01	7.31E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23625300Q	8.33E-04	1.95E-01	7.54E-02	1.19E-01	0.00E+00	0.00E+00	4.44E-01	7.56E-07	5.26E-04	1.00E-03	0.00E+00	-9.07E-03	8.26E-11	5.69E-09	2.78E-03	1.55E-01	0.00E+00	0.00E+00	3.69E-01	1.20E-01	5.95E-01	0.00E+00	5.01E-09	2.64E-09	2.66E-04	2.91E-06	5.59E-02	0.00E+00	5.95E-01	-9.77E-07	5.95E-01	6.51E-01	5.59E-02	0.00E+00	0.00E+00	0.00E+00	1.35E+01
WH23625303Q	9.22E-04	2.26E-01	7.41E-02	1.46E-01	0.00E+00	0.00E+00	4.84E-01	9.03E-07	6.36E-04	1.14E-03	0.00E+00	-9.18E-03	1.03E-10	6.67E-09	2.92E-03	1.63E-01	1.82E-08	0.00E+00	4.08E-01	1.21E-01	7.28E-01	0.00E+00	5.96E-09	2.93E-09	3.00E-04	2.85E-06	6.61E-02	0.00E+00	7.28E-01	-9.72E-07	7.28E-01	7.68E-01	6.61E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
WH23625304Q	9.22E-04	2.26E-01	7.41E-02	1.46E-01	0.00E+00	0.00E+00	4.84E-01	9.03E-07	6.36E-04	1.14E-03	0.00E+00	-9.18E-03	1.03E-10	6.67E-09	2.92E-03	1.63E-01	1.82E-08	0.00E+00	4.08E-01	1.21E-01	7.28E-01	0.00E+00	5.96E-09	2.93E-09	3.00E-04	2.85E-06	6.61E-02	0.00E+00	7.28E-01	-9.72E-07	7.28E-01	7.68E-01	6.61E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
WH23625305Q	9.22E-04	2.26E-01	7.41E-02	1.46E-01	0.00E+00	0.00E+00	4.84E-01	9.03E-07	6.36E-04	1.14E-03	0.00E+00	-9.18E-03	1.03E-10	6.67E-09	2.92E-03	1.63E-01	1.82E-08	0.00E+00	4.08E-01	1.21E-01	7.28E-01	0.00E+00	5.96E-09	2.93E-09	3.00E-04	2.85E-06	6.61E-02	0.00E+00	7.28E-01	-9.72E-07	7.28E-01	7.68E-01	6.61E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
WH23625306Q	9.22E-04	2.26E-01	7.41E-02	1.46E-01	0.00E+00	0.00E+00	4.84E-01	9.03E-07	6.36E-04	1.14E-03	0.00E+00	-9.18E-03	1.03E-10	6.67E-09	2.92E-03	1.63E-01	1.82E-08	0.00E+00	4.08E-01	1.21E-01	7.28E-01	0.00E+00	5.96E-09	2.93E-09	3.00E-04	2.85E-06	6.61E-02	0.00E+00	7.28E-01	-9.72E-07	7.28E-01	7.68E-01	6.61E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
WH23625309Q	9.22E-04	2.26E-01	7.41E-02	1.46E-01	0.00E+00	0.00E+00	4.84E-01	9.03E-07	6.36E-04	1.14E-03	0.00E+00	-9.18E-03	1.03E-10	6.67E-09	2.92E-03	1.63E-01	1.82E-08	0.00E+00	4.08E-01	1.21E-01	7.28E-01	0.00E+00	5.96E-09	2.93E-09	3.00E-04	2.85E-06	6.61E-02	0.00E+00	7.28E-01	-9.72E-07	7.28E-01	7.68E-01	6.61E-02	0.00E+00	0.00E+00	0.00E+00	1.56E+01
WH23625700Q	8.37E-04	1.99E-01	7.40E-02	1.25E-01	0.00E+00	0.00E+00	4.61E-01	7.92E-07	5.58E-04	1.06E-03	0.00E+00	-9.17E-03	1.02E-10	5.80E-09	2.93E-03	1.57E-01	1.82E-08	0.00E+00	3.91E-01	1.20E-01	6.80E-01	0.00E+00	5.52E-09	2.85E-09	2.80E-04	2.85E-06	6.31E-02	0.00E+00	6.80E-01	-9.73E-07	6.80E-01	7.31E-01	6.31E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23625704Q	8.63E-04	2.02E-01	7.39E-02	1.26E-01	0.00E+00	0.00E+00	4.63E-01	7.94E-07	5.60E-04	1.06E-03	0.00E+00	-9.18E-03	1.01E-10	5.93E-09	2.88E-03	1.60E-01	1.82E-08	0.00E+00	3.92E-01	1.20E-01	6.76E-01	0.00E+00	5.53E-09	2.86E-09	2.81E-04	2.85E-06	6.31E-02	0.00E+00	6.76E-01	-9.76E-07	6.76E-01	7.32E-01	6.31E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23628300Q	8.65E-04	2.01E-01	7.43E-02	1.29E-01	0.00E+00	0.00E+00	4.68E-01	7.89E-07	5.56E-04	1.08E-03	0.00E+00	-9.18E-03	1.02E-10	5.79E-09	2.94E-03	1.61E-01	1.82E-08	0.00E+00	3.98E-01	1.21E-01	6.87E-01	0.00E+00	5.66E-09	2.87E-09	2.87E-04	2.86E-06	6.44E-02	0.00E+00	6.87E-01	-9.66E-07	6.87E-01	7.36E-01	6.44E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH23628307Q	8.92E-04	2.03E-01	7.42E-02	1.29E-01	0.00E+00	0.00E+00	4.70E-01	7.89E-07	5.58E-04	1.08E-03	0.00E+00	-9.19E-03	1.02E-10	5.92E-09	2.90E-03	1.64E-01	1.82E-08	0.00E+00	3.97E-01	1.21E-01	6.83E-01	0.00E+00	5.67E-09	2.88E-09	2.87E-04	2.86E-06	6.44E-02	0.00E+00	6.83E-01	-9.68E-07	6.83E-01	7.37E-01	6.44E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
WH23640300Q	1.11E-03	2.15E-01	7.72E-02	1.38E-01	0.00E+00	0.00E+00	5.61E-01	9.55E-07	7.15E-04	1.18E-03	0.00E+00	-9.21E-03	1.05E-10	7.67E-09	3.41E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	1.21E-01	7.44E-01	0.00E+00	6.24E-09	3.40E-09	3.22E-04	2.95E-06	7.50E-02	0.00E+00	7.44E-01	-9.81E-07	7.44E-01	8.19E-01	7.50E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH23640303Q	1.03E-03	1.32E-01	6.59E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.46E-07	6.96E-04	9.60E-04	0.00E+00	-8.16E-03	9.67E-11	7.42E-09	3.23E-03	1.99E-01	1.82E-08	0.00E+00	4.66E-01	1.06E-01	7.14E-01	0.00E+00	6.09E-09	3.50E-09	2.78E-04	2.42E-06	7.75E-02	0.00E+00	7.14E-01	-9.05E-07	7.14E-01	8.20E-01	7.75E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH23640304Q	1.03E-03	1.32E-01	6.59E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.46E-07	6.96E-04	9.60E-04	0.00E+00	-8.16E-03	9.67E-11	7.42E-09	3.23E-03	1.99E-01	1.82E-08	0.00E+00	4.66E-01	1.06E-01	7.14E-01	0.00E+00	6.09E-09	3.50E-09	2.78E-04	2.42E-06	7.75E-02	0.00E+00	7.14E-01	-9.05E-07	7.14E-01	8.20E-01	7.75E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH23640305Q	1.03E-03	1.32E-01	6.59E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.46E-07	6.96E-04	9.60E-04	0.00E+00	-8.16E-03	9.67E-11	7.42E-09	3.23E-03	1.99E-01	1.82E-08	0.00E+00	4.66E-01	1.06E-01	7.14E-01	0.00E+00	6.09E-09	3.50E-09	2.78E-04	2.42E-06	7.75E-02	0.00E+00	7.14E-01	-9.05E-07	7.14E-01	8.20E-01	7.75E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH23640306Q	1.03E-03	1.32E-01	6.59E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.46E-07	6.96E-04	9.60E-04	0.00E+00	-8.16E-03	9.67E-11	7.42E-09	3.23E-03	1.99E-01	1.82E-08	0.00E+00	4.66E-01	1.06E-01	7.14E-01	0.00E+00	6.09E-09	3.50E-09	2.78E-04	2.42E-06	7.75E-02	0.00E+00	7.14E-01	-9.05E-07	7.14E-01	8.20E-01	7.75E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH23640307Q	1.03E-03	1.32E-01	6.59E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.46E-07	6.96E-04	9.60E-04	0.00E+00	-8.16E-03	9.67E-11	7.42E-09	3.23E-03	1.99E-01	1.82E-08	0.00E+00	4.66E-01	1.06E-01	7.14E-01	0.00E+00	6.09E-09	3.50E-09	2.78E-04	2.42E-06	7.75E-02	0.00E+00	7.14E-01	-9.05E-07	7.14E-01	8.20E-01	7.75E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH23640309Q	1.03E-03	1.32E-01	6.59E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.46E-07	6.96E-04	9.60E-04	0.00E+00	-8.16E-03	9.67E-11	7.42E-09	3.23E-03	1.99E-01	1.82E-08	0.00E+00	4.66E-01	1.06E-01	7.14E-01	0.00E+00	6.09E-09	3.50E-09	2.78E-04	2.42E-06	7.75E-02	0.00E+00	7.14E-01	-9.05E-07	7.14E-01	8.20E-01	7.75E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01

WH23640700Q	9.16E-04	1.31E-01	6.56E-02	1.08E-01	0.00E+00	0.00E+00	5.62E-01	1.02E-06	6.91E-04	9.63E-04	0.00E+00	-8.13E-03	9.67E-11	6.35E-09	3.30E-03	1.91E-01	1.82E-08	0.00E+00	4.77E-01	1.06E-01	7.21E-01	0.00E+00	6.20E-09	3.59E-09	2.81E-04	2.40E-06	7.90E-02	0.00E+00	7.21E-01	-8.68E-07	7.21E-01	8.34E-01	7.90E-02	0.00E+00	0.00E+00	0.00E+00	1.67E+01
WH23640703Q	1.00E-03	1.32E-01	6.59E-02	1.08E-01	0.00E+00	0.00E+00	5.58E-01	9.61E-07	7.17E-04	9.64E-04	0.00E+00	-8.19E-03	9.67E-11	7.63E-09	3.26E-03	2.02E-01	1.82E-08	0.00E+00	4.78E-01	1.06E-01	7.17E-01	0.00E+00	6.14E-09	3.56E-09	2.79E-04	2.42E-06	7.82E-02	0.00E+00	7.17E-01	-9.05E-07	7.17E-01	8.30E-01	7.82E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
WH23640704Q	1.00E-03	1.32E-01	6.59E-02	1.08E-01	0.00E+00	0.00E+00	5.58E-01	9.61E-07	7.17E-04	9.64E-04	0.00E+00	-8.19E-03	9.67E-11	7.63E-09	3.26E-03	2.02E-01	1.82E-08	0.00E+00	4.78E-01	1.06E-01	7.17E-01	0.00E+00	6.14E-09	3.56E-09	2.79E-04	2.42E-06	7.82E-02	0.00E+00	7.17E-01	-9.05E-07	7.17E-01	8.30E-01	7.82E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
WH23640705Q	1.00E-03	1.32E-01	6.59E-02	1.08E-01	0.00E+00	0.00E+00	5.58E-01	9.61E-07	7.17E-04	9.64E-04	0.00E+00	-8.19E-03	9.67E-11	7.63E-09	3.26E-03	2.02E-01	1.82E-08	0.00E+00	4.78E-01	1.06E-01	7.17E-01	0.00E+00	6.14E-09	3.56E-09	2.79E-04	2.42E-06	7.82E-02	0.00E+00	7.17E-01	-9.05E-07	7.17E-01	8.30E-01	7.82E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
WH23640707Q	1.00E-03	1.32E-01	6.59E-02	1.08E-01	0.00E+00	0.00E+00	5.58E-01	9.61E-07	7.17E-04	9.64E-04	0.00E+00	-8.19E-03	9.67E-11	7.63E-09	3.26E-03	2.02E-01	1.82E-08	0.00E+00	4.78E-01	1.06E-01	7.17E-01	0.00E+00	6.14E-09	3.56E-09	2.79E-04	2.42E-06	7.82E-02	0.00E+00	7.17E-01	-9.05E-07	7.17E-01	8.30E-01	7.82E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
WH23640709Q	1.00E-03	1.32E-01	6.59E-02	1.08E-01	0.00E+00	0.00E+00	5.58E-01	9.61E-07	7.17E-04	9.64E-04	0.00E+00	-8.19E-03	9.67E-11	7.63E-09	3.26E-03	2.02E-01	1.82E-08	0.00E+00	4.78E-01	1.06E-01	7.17E-01	0.00E+00	6.14E-09	3.56E-09	2.79E-04	2.42E-06	7.82E-02	0.00E+00	7.17E-01	-9.05E-07	7.17E-01	8.30E-01	7.82E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
WH23643300Q	1.19E-03	2.33E-01	7.11E-02	1.65E-01	0.00E+00	0.00E+00	5.87E-01	1.16E-06	7.45E-04	1.23E-03	0.00E+00	-9.04E-03	1.06E-10	7.57E-09	3.58E-03	2.19E-01	1.82E-08	0.00E+00	4.74E-01	1.21E-01	8.05E-01	0.00E+00	6.73E-09	3.46E-09	3.39E-04	2.76E-06	7.86E-02	0.00E+00	8.05E-01	-9.17E-07	8.05E-01	8.89E-01	7.86E-02	0.00E+00	0.00E+00	0.00E+00	1.80E+01
WH23643304Q	1.14E-03	2.32E-01	7.15E-02	1.54E-01	0.00E+00	0.00E+00	5.76E-01	1.03E-06	7.49E-04	1.19E-03	0.00E+00	-9.11E-03	1.05E-10	7.77E-09	3.41E-03	2.07E-01	1.82E-08	0.00E+00	4.73E-01	1.21E-01	7.77E-01	0.00E+00	6.56E-09	3.44E-09	3.33E-04	2.78E-06	7.57E-02	0.00E+00	7.77E-01	-9.65E-07	7.77E-01	8.46E-01	7.57E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
WH23643305Q	1.14E-03	2.32E-01	7.15E-02	1.54E-01	0.00E+00	0.00E+00	5.76E-01	1.03E-06	7.49E-04	1.19E-03	0.00E+00	-9.11E-03	1.05E-10	7.77E-09	3.41E-03	2.07E-01	1.82E-08	0.00E+00	4.73E-01	1.21E-01	7.77E-01	0.00E+00	6.56E-09	3.44E-09	3.33E-04	2.78E-06	7.57E-02	0.00E+00	7.77E-01	-9.65E-07	7.77E-01	8.46E-01	7.57E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
WH23643309Q	1.14E-03	2.32E-01	7.15E-02	1.54E-01	0.00E+00	0.00E+00	5.76E-01	1.03E-06	7.49E-04	1.19E-03	0.00E+00	-9.11E-03	1.05E-10	7.77E-09	3.41E-03	2.07E-01	1.82E-08	0.00E+00	4.73E-01	1.21E-01	7.77E-01	0.00E+00	6.56E-09	3.44E-09	3.33E-04	2.78E-06	7.57E-02	0.00E+00	7.77E-01	-9.65E-07	7.77E-01	8.46E-01	7.57E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
WH23645300Q	1.11E-03	2.14E-01	7.66E-02	1.37E-01	0.00E+00	0.00E+00	5.61E-01	9.55E-07	7.15E-04	1.18E-03	0.00E+00	-9.13E-03	1.05E-10	7.67E-09	3.40E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	1.20E-01	7.44E-01	0.00E+00	6.23E-09	3.40E-09	3.21E-04	2.93E-06	7.51E-02	0.00E+00	7.44E-01	-9.72E-07	7.44E-01	8.19E-01	7.51E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH23645303Q	1.14E-03	2.22E-01	7.11E-02	1.43E-01	0.00E+00	0.00E+00	5.73E-01	1.06E-06	7.49E-04	1.19E-03	0.00E+00	-9.09E-03	1.05E-10	7.77E-09	3.42E-03	2.05E-01	1.82E-08	0.00E+00	4.71E-01	1.20E-01	7.82E-01	0.00E+00	6.59E-09	3.43E-09	3.30E-04	2.78E-06	7.55E-02	0.00E+00	7.82E-01	-9.69E-07	7.82E-01	8.61E-01	7.55E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH23645304Q	1.14E-03	2.22E-01	7.11E-02	1.43E-01	0.00E+00	0.00E+00	5.73E-01	1.06E-06	7.49E-04	1.19E-03	0.00E+00	-9.09E-03	1.05E-10	7.77E-09	3.42E-03	2.05E-01	1.82E-08	0.00E+00	4.71E-01	1.20E-01	7.82E-01	0.00E+00	6.59E-09	3.43E-09	3.30E-04	2.78E-06	7.55E-02	0.00E+00	7.82E-01	-9.69E-07	7.82E-01	8.61E-01	7.55E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH23645305Q	1.14E-03	2.22E-01	7.11E-02	1.43E-01	0.00E+00	0.00E+00	5.73E-01	1.06E-06	7.49E-04	1.19E-03	0.00E+00	-9.09E-03	1.05E-10	7.77E-09	3.42E-03	2.05E-01	1.82E-08	0.00E+00	4.71E-01	1.20E-01	7.82E-01	0.00E+00	6.59E-09	3.43E-09	3.30E-04	2.78E-06	7.55E-02	0.00E+00	7.82E-01	-9.69E-07	7.82E-01	8.61E-01	7.55E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH23645306Q	1.89E-03	3.14E-01	7.02E-02	2.68E-01	0.00E+00	0.00E+00	9.42E-01	2.34E-06	7.59E-04	2.36E-03	0.00E+00	-8.43E-03	1.85E-10	7.39E-09	1.13E-02	4.50E-01	5.38E-06	0.00E+00	1.19E+00	1.14E-01	2.94E+00	0.00E+00	2.38E-08	1.17E-08	7.11E-04	2.59E-06	1.88E-01	0.00E+00	2.94E+00	-7.82E-07	2.94E+00	3.05E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.67E+01
WH23645309Q	1.14E-03	2.22E-01	7.11E-02	1.43E-01	0.00E+00	0.00E+00	5.73E-01	1.06E-06	7.49E-04	1.19E-03	0.00E+00	-9.09E-03	1.05E-10	7.77E-09	3.42E-03	2.05E-01	1.82E-08	0.00E+00	4.71E-01	1.20E-01	7.82E-01	0.00E+00	6.59E-09	3.43E-09	3.30E-04	2.78E-06	7.55E-02	0.00E+00	7.82E-01	-9.69E-07	7.82E-01	8.61E-01	7.55E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH23645700Q	1.16E-03	2.30E-01	7.14E-02	1.51E-01	0.00E+00	0.00E+00	5.76E-01	1.05E-06	7.59E-04	1.20E-03	0.00E+00	-9.11E-03	1.05E-10	7.45E-09	3.46E-03	2.07E-01	1.82E-08	0.00E+00	4.88E-01	1.20E-01	7.87E-01	0.00E+00	6.61E-09	3.47E-09	3.32E-04	2.78E-06	7.62E-02	0.00E+00	7.87E-01	-9.67E-07	7.87E-01	8.64E-01	7.62E-02	0.00E+00	0.00E+00	0.00E+00	1.80E+01
WH23645703Q	1.16E-03	2.32E-01	7.13E-02	1.51E-01	0.00E+00	0.00E+00	5.78E-01	1.06E-06	7.65E-04	1.20E-03	0.00E+00	-9.13E-03	1.05E-10	7.89E-09	3.42E-03	2.09E-01	1.82E-08	0.00E+00	4.88E-01	1.20E-01	7.84E-01	0.00E+00	6.62E-09	3.48E-09	3.33E-04	2.78E-06	7.61E-02	0.00E+00	7.84E-01	-9.69E-07	7.84E-01	8.57E-01	7.61E-02	0.00E+00	0.00E+00	0.00E+00	1.80E+01
WH23648300Q	1.14E-03	2.30E-01	7.16E-02	1.55E-01	0.00E+00	0.00E+00	5.77E-01	1.04E-06	7.44E-04	1.20E-03	0.00E+00	-9.08E-03	1.05E-10	7.37E-09	3.46E-03	2.06E-01	1.82E-08	0.00E+00	4.76E-01	1.20E-01	7.85E-01	0.00E+00	6.59E-09	3.44E-09	3.33E-04	2.78E-06	7.64E-02	0.00E+00	7.85E-01	-9.61E-07	7.85E-01	8.60E-01	7.64E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
WH23750100Q	8.46E-04	2.00E-01	7.38E-02	1.36E-01	0.00E+00	0.00E+00	5.74E-01	8.66E-07	5.03E-04	1.18E-03	0.00E+00	-8.28E-03	1.31E-10	4.79E-09	4.74E-03	1.99E-01	0.00E+00	0.00E+00	5.19E-01	1.07E-01	1.12E+00	0.00E+00	9.69E-09	4.80E-09	3.05E-04	2.87E-06	7.98E-02	0.00E+00	1.12E+00	-7.74E-07	1.12E+00	1.25E+00	7.98E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
WH23750105Q	8.46E-04	2.00E-01	7.38E-02	1.36E-01	0.00E+00	0.00E+00	5.74E-01	8.66E-07	5.03E-04	1.18E-03	0.00E+00	-8.28E-03	1.31E-10	4.79E-09	4.74E-03	1.99E-01	0.00E+00	0.00E+00	5.19E-01	1.07E-01	1.12E+00	0.00E+00	9.69E-09	4.80E-09	3.05E-04	2.87E-06	7.98E-02	0.00E+00	1.12E+00	-7.74E-07	1.12E+00	1.25E+00	7.98E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
WH25580300C	3.85E-04	7.86E-02	2.27E-02	5.59E-02	0.00E+00	0.00E+00	2.76E-01	5.13E-07	2.22E-04	4.92E-04	0.00E+00	-2.66E-03	4.96E-11	2.50E-09	1.74E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	3.51E-02	3.88E-01	0.00E+00	3.16E-09	1.61E-09	1.34E-04	8.54E-07	3.66E-02	0.00E+00	3.88E-01	-2.34E-07	3.88E-01	4.24E-01	3.66E-02	0.00E+00	0.00E+00	0.00E+00	8.02E+00
WH25580303C	3.71E-04	4.14E-02	2.36E-02	3.76E-02	0.00E+00	0.00E+00	1.89E-01	4.11E-07	2.04E-04	3.56E-04	0.00E+00	-2.65E-03	3.29E-11	1.99E-09	1.24E-03	7.66E-02	0.00E+00	0.00E+00	1.68E-01	3.55E-02	3.47E-01	0.00E+00	2.55E-09	1.51E-09	9.49E-05	8.51E-07	3.09E-02	0.00E+00	3.47E-01	-2.39E-07	3.47E-01	3.58E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
WH25580304C	6.63E-04	1.11E-01	2.52E-02	7.63E-02	0.00E+00	0.00E+00	4.80E-01	8.03E-07	3.23E-04	6.66E-04	0.00E+00	-2.74E-03	9.55E-11	3.82E-09	2.75E-03	1.58E-01	0.00E+00	0.00E+00	3.73E-01	3.67E-02	6.59E-01	0.00E+00	5.21E-09	2.73E-09	1.93E-04	9.07E-07	6.42E-02	0.00E+00	6.59E-01	-2.35E-07	6.59E-01	6.78E-01	6.42E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
WH25580305C	6.63E-04	1.11E-01	2.52E-02	7.63E-02	0.00E+00	0.00E+00	4.80E-01	8.03E-07	3.23E-04	6.66E-04	0.00E+00	-2.74E-03	9.55E-11	3.82E-09	2.75E-03	1.58E-01	0.00E+00	0.00E+00	3.73E-01	3.67E-02	6.59E-01	0.00E+00	5.21E-09	2.73E-09	1.93E-04	9.07E-07	6.42E-02	0.00E+00	6.59E-01	-2.35E-07	6.59E-01	6.78E-01	6.42E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
WH25580306C	3.71E-04	4.14E-02	2.36E-02	3.76E-02	0.00E+00	0.00E+00	1.89E-01	4.11E-07	2.04E-04	3.56E-04	0.00E+00	-2.65E-03	3.29E-11	1.99E-09	1.24E-03	7.66E-02	0.00E+00	0.00E+00	1.68E-01	3.55E-02	3.47E-01	0.00E+00	2.55E-09	1.51E-09	9.49E-05	8.51E-07	3.09E-02	0.00E+00	3.47E-01	-2.39E-07	3.47E-01	3.58E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
WH25580307C	3.71E-04	4.14E-02	2.36E-02	3.76E-02	0.00E+00	0.00E+00	1.89E-01	4.11E-07	2.04E-04	3.56E-04	0.00E+00	-2.65E-03	3.29E-11	1.99E-09	1.24E-03	7.66E-02	0.00E+00	0.00E+00	1.68E-01	3.55E-02	3.47E-01	0.00E+00	2.55E-09	1.51E-09	9.49E-05	8.51E-07	3.09E-02	0.00E+00	3.47E-01	-2.39E-07	3.47E-01	3.58E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
WH25580309C	3.71E-04	4.14E-02	2.36E-02	3.76E-02	0.00E+00	0.00E+00	1.89E-01	4.11E-07	2.04E-04	3.56E-04	0.00E+00	-2.65E-03	3.29E-11	1.99E-09	1.24E-03	7.66E-02	0.00E+00	0.00E+00	1.68E-01	3.55E-02	3.47E-01	0.00E+00	2.55E-09	1.51E-09	9.49E-05	8.51E-07	3.09E-02	0.00E+00	3.47E-01	-2.39E-07	3.47E-01	3.58E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
WH25583300C	6.17E-04	8.41E-02	2.46E-02	6.00E-02	0.00E+00	0.00E+00	3.83E-01	6.59E-07	3.31E-04	6.09E-04	0.00E+00	-3.06E-03	6.72E-11	4.28E-09	2.07E-03	1.48E-01	0.00E+00	0.00E+00	2.82E-01	3.62E-02	4.99E-01	0.00E+00	4.14E-09	2.64E-09	1.68E-04	8.90E-07	5.48E-02	0.00E+00	4.99E-01	-2.42E-07	4.99E-01	5.33E-01	5.48E-02	0.00E+00	0.00E+00	0.00E+00	1.23E+01
WH25583303C	5.47E-04	8.20E-02	2.40E-02	5.86E-02	0.00E+00	0.00E+00	3.54E-01	6.33E-07	2.84E-04	5.32E-04	0.00E+00	-2.70E-03	6.64E-11	3.24E-09	2.09E-03	1.44E-01	0.00E+00	0.00E+00	2.88E-01	3.58E-02	4.92E-01	0.00E+00	4.07E-09	2.64E-09	1.62E-04	8.53E-07	5.25E-02	0.00E+00	4.92E-01	-2.38E-07	4.92E-01	5.30E-01	5.25E-02	0.00E+00	0.00E+00	0.00E+00	1.17E+01
WH25583304C	5.47E-04	8.20E-02	2.40E-02	5.86E-02	0.00E+00	0.00E+00	3.54E-01	6.33E-07	2.84E-04	5.32E-04	0.00E+00	-2.70E-03	6.64E-11	3.24E-09	2.09E-03	1.44E-01	0.00E+00	0.00E+00	2.88E-01	3.58E-02	4.92E-01	0.00E+00	4.07E-09	2.64E-09	1.62E-04	8.53E-07	5.25E-02	0.00E+00	4.92E-01	-2.38E-07	4.92E-01	5.30E-01	5.25E-02	0.00E+00	0.00E+00	0.00E+00	1.17E+01
WH25583305C	5.47E-04	8.20E-02	2.40E-02	5.86E-02	0.00E+00	0.00E+00	3.54E-01	6.33E-07	2.84E-04	5.32E-04	0.00E+00	-2.70E-03	6.64E-11	3.24E-09	2.09E-03	1.44E-01	0.00E+00	0.00E+00	2.88E-01	3.58E-02	4.92E-01	0.00E+00	4.07E-09	2.64E-09	1.62E-04	8.53E-07	5.25E-02	0.00E+00	4.92E-01	-2.38E-07	4.92E-01	5.30E-01	5.25E-02	0.00E+00	0.00E+00	0.00E+00	1.17E+01
WH25583306C	9.74E-04	2.30E-01	3.44E-02	1.40E-01	0.00E+00	0.00E+00	6.47E-01	9.99E-07	6.32E-04	1.22E-03	0.00E+00	-3.94E-03	1.15E-10	7.04E-09	3.71E-03	1.94E-01	5.36E-06	0.00E+00	4.57E-01	4.55E-02	1.10E+00	0.00E+00	1.02E-08	4.24E-09	3.97E-04	1.11E-06	8.73E-02	0.00E+00	1.10E+00	-2.80E-07	1.10E+00	1.19E+00	8.73E-02	0.00E+00	0.00E+00	0.00E+00	1.71E+01
WH25585300C	3.85E-04	7.86E-02	2.27E-02	5.58E-02	0.00E+00	0.00E+00	2.76E-01	5.13E-07	2.22E-04	4.92E-04	0.00E+00	-2.66E-03	4.96E-11	2.50E-09	1.74E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	3.51E-02	3.87E-01	0.00E+00	3.16E-09	1.61E-09	1.34E-04	8.54E-07	3.66E-02	0.00E+00	3.87E-01	-2.35E-07	3.87E-01	4.24E-01	3.66E-02	0.00E+00	0.00E+00	0.00E+00	8.02E+00
WH25585303C	3.86E-04	4.12E-02	2.37E-02	3.74E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.05E-04	3.56E-04	0.00E+00	-2.64E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	3.57E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	8.56E-07	3.20E-02	0.00E+00	3.49E-01	-2.25E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH25585304C	3.86E-04	4.12E-02	2.37E-02	3.74E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.05E-04	3.56E-04	0.00E+00	-2.64E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	3.57E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	8.56E-07	3.20E-02	0.00E+00	3.49E-01	-2.25E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH25585305C	3.86E-04	4.12E-02	2.37E-02	3.74E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.05E-04	3.56E-04	0.00E+00	-2.64E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	3.57E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	8.56E-07	3.20E-02	0.00E+00	3.49E-01	-2.25E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH25585306C	3.86E-04	4.12E-02	2.37E-02	3.74E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.05E-04	3.56E-04	0.00E+00	-2.64E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	3.57E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	8.56E-07	3.20E-02	0.00E+00	3.49E-01	-2.25E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH25585307C	3.86E-04	4.12E-02	2.37E-02	3.74E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.05E-04	3.56E-04	0.00E+00	-2.64E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	3.57E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	8.56E-07	3.20E-02	0.00E+00	3.49E-01	-2.25E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH25585309C	3.86E-04	4.12E-02	2.37E-02	3.74E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.05E-04	3.56E-04	0.00E+00	-2.64E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	3.57E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	8.56E-07	3.20E-02	0.00E+00	3.49E-01	-2.25E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH25585400C	7.47E-04	1.22E-01	2.49E-02	9.19E-02	0.00E+00	0.00E+00	6.80E-01	1.26E-06	3.90E-04	8.17E-04	0.00E+00	-2.65E-03	9.57E-11	4.43E-09	3.47E-03	1.70E-01	0.00E+00	0.00E+00	4.57E-01	3.66E-02	7.29E-01	0.00E+00	6.16E-09	3.10E-09	2.10E-04	8.97E-07	7.30E-02	0.00E+00	7.29E-01	-1.79E-07	7.29E-01	8.27E-01	7.30E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH25585403C	4.69E-04	3.90E-02	2.38E-02	3.83E-02	0.00E+00	0.00E+00	1.92E-01	4.61E-07	2.42E-04	3.52E-04	0.00E+00	-2.60E-03	3.47E-11	2.51E-09	1.33E-03	8.11E-02	0.00E+00	0.00E+00	1.72E-01	3.59E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.31E-05	8.52E-07	3.25E-02	0.00E+00	3.38E-01	-1.75E-07	3.38E-01	3.62E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH25585405C	4.69E-04	3.90E-02	2.38E-02	3.83E-02	0.00E+00	0.00E+00	1.92E-01	4.61E-07	2.42E-04	3.52E-04	0.00E+00	-2.60E-03	3.47E-11	2.51E-09	1.33E-03	8.11E-02	0.00E+00	0.00E+00	1.72E-01	3.59E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.31E-05	8.52E-07	3.25E-02	0.00E+00	3.38E-01	-1.75E-07	3.38E-01	3.62E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH25585409C	4.69E-04	3.90E-02	2.38E-02	3.83E-02	0.00E+00	0.00E+00	1.92E-01	4.61E-07	2.42E-04	3.52E-04	0.00E+00	-2.60E-03	3.47E-11	2.51E-09	1.33E-03	8.11E-02	0.00E+00	0.00E+00	1.72E-01	3.59E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.31E-05	8.52E-07	3.25E-02	0.00E+00	3.38E-01	-1.75E-07	3.38E-01	3.62E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH25588300C	5.74E-04	8.13E-02	2.37E-02	5.91E-02	0.00E+00	0.00E+00	3.61E-01	6.45E-07	3.23E-04	5.62E-04	0.00E+00	-2.64E-03	6.68E-11	3.92E-09	2.10E-03	1.43E-01	0.00E+00	0.00E+00	2.86E-01	3.55E-02	4.97E-01	0.00E+00	4.09E-09	2.64E-09	1.64E-04	8.49E-07	5.37E-02	0.00E+00	4.97E-01	-2.25E-07	4.97E-01	5.30E-01	5.37E-02	0.00E+00	0.00E+00	0.00E+00	1.15E+01
WH25588304C	5.67E-04	8.15E-02	2.42E-02	5.82E-02	0.00E+00	0.00E+00	3.58E-01	6.45E-07	2.84E-04	5.34E-04	0.00E+00	-2.68E-03	6.68E-11	3.32E-09	2.12E-03	1.46E-01	0.00E+00	0.00E+00	2.99E-01	3.60E-02	4.96E-01	0.00E+00	4.10E-09	2.64E-09	1.63E-04	8.57E-07	5.37E-02	0.00E+00	4.96E-01	-2.24E-07	4.96E-01	5.38E-01	5.37E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
WH25588305C	5.67E-04	8.15E-02	2.42E-02	5.82E-02	0.00E+00	0.00E+00	3.58E-01	6.45E-07	2.84E-04	5.34E-04	0.00E+00	-2.68E-03	6.68E-11	3.32E-09	2.12E-03	1.46E-01	0.00E+00	0.00E+00	2.99E-01	3.60E-02	4.96E-01	0.00E+00	4.10E-09	2.64E-09	1.63E-04	8.57E-07	5.37E-02	0.00E+00	4.96E-01	-2.24E-07	4.96E-01	5.38E-01	5.37E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
WH25592200C	6.62E-04	1.24E-01	2.56E-02	9.85E-02	0.00E+00	0.00E+00	7.29E-01	1.35E-06	3.45E-04	9.08E-04	0.00E+00	-2.80E-03	1.28E-10	4.54E-09	4.26E-03	1.82E-01	0.00E+00	0.00E+00	5.34E-01	3.69E-02	9.03E-01	0.00E+00	7.28E-09	3.49E-09	2.49E-04	9.04E-07	9.11E-02	0.00E+00	9.03E-01	-1.64E-07	9.03E-01	9.94E-01	9.11E-02	0.00E+00	0.00E+00	0.00E+00	1.91E+01
WH25592203C	5.17E-04	3.90E-02	2.47E-02	3.98E-02	0.00E+00	0.00E+00	1.92E-01	4.77E-07	2.41E-04	3.58E-04	0.00E+00	-2.72E-03	3.47E-11	2.40E-09	1.33E-03	8.17E-02	0.00E+00	0.00E+00	1.68E-01	3.68E-02	3.37E-01	0.00E+00	2.69E-09	1.81E-09	9.37E-05	8.61E-07	3.17E-02	0.00E+00	3.37E-01	-1.81E-07	3.37E-01	3.61E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.41E+00
WH25592204C	5.17E-04	3.90E-02	2.40E-02	3.98E-02	0.00E+00	0.00E+00	1.92E-01	4.77E-07	2.41E-04	3.58E-04	0.00E+00	-2.66E-03	3.47E-11	2.40E-09	1.33E-03	8.17E-02	0.00E+00	0.00E+00	1.68E-01	3.67E-02	3.37E-01	0.00E+00	2.69E-09	1.81E-09	9.37E-05	8.53E-07	3.17E-02	0.00E+00	3.37E-01	-1.81E-07	3.37E-01	3.61E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.41E+00
WH25592205C	5.17E-04	3.90E-02	2.47E-02	3.98E-02	0.00E+00	0.00E+00	1.92E-01	4.77E-07	2.41E-04	3.58E-04	0.00E+00	-2.72E-03	3.47E-11	2.40E-09	1.33E-03	8.17E-02	0.00E+00	0.00E+00	1.68E-01	3.68E-02	3.37E-01	0.00E+00	2.69E-09	1.81E-09	9.37E-05	8.61E-07	3.17E-02	0.00E+00	3.37E-01	-1.81E-07	3.37E-01	3.61E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.41E+00
WH25592207C	5.17E-04	3.90E-02	2.47E-02	3.98E-02	0.00E+00	0.00E+00	1.92E-01	4.77E-07	2.41E-04	3.58E-04	0.00E+00	-2.72E-03	3.47E-11	2.40E-09	1.33E-03	8.17E-02	0.00E+00	0.00E+00	1.68E-01	3.68E-02	3.37E-01	0.00E+00	2.69E-09	1.81E-09	9.37E-05	8.61E-07	3.17E-02	0.00E+00	3.37E-01	-1.81E-07	3.37E-01	3.61E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.41E+00
WH25592209C	5.17E-04	3.90E-02	2.47E-02	3.98E-02	0.00E+00	0.00E+00	1.92E-01	4.77E-07	2.41E-04	3.58E-04	0.00E+00	-2.72E-03	3.47E-11	2.40E-09	1.33E-03	8.17E-02	0.00E+00	0.00E+00	1.68E-01	3.68E-02	3.37E-01	0.00E+00	2.69E-09	1.81E-09	9.37E-05	8.61E-07	3.17E-02	0.00E+00	3.37E-01	-1.81E-07	3.37E-01	3.61E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.41E+00
WH25593200C	2.31E-03	4.42E-01	3.59E-02	3.33E-01	0.00E+00	0.00E+00	1.28E+00	3.28E-06	9.67E-04	2.96E-03	0.00E+00	-4.33E-03	2.41E-10	1.12E-08	1.25E-02	5.42E-01	0.00E+00	0.00E+00	1.27E+00	4.86E-02	3.61E+00	0.00E+00	2.98E-08	1.39E-08	8.70E-04	1.13E-06	2.43E-01	0.00E+00	3.61E+00	-2.11E-08	3.61E+00	3.80E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.57E+01
WH25593204C	2.37E-03	3.71E-01	3.60E-02	2.96E-01	0.00E+00	0.00E+00	1.35E+00	3.53E-06	9.81E-04	2.88E-03	0.00E+00	-4.31E-03	2.61E-10	1.15E-08	1.37E-02	5.53E-01	0.00E+00	0.00E+00	1.30E+00	4.85E-02	3.57E+00	0.00E+00	2.94E-08	1.40E-08	8.63E-04	1.14E-06	2.56E-01	0.00E+00	3.57E+00	1.96E-08	3.57E+00	3.73E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	4.58E+01
WH25593205C	2.37E-03	3.71E-01	3.66E-02	2.96E-01	0.00E+00	0.00E+00	1.35E+00	3.53E-06	9.81E-04	2.88E-03	0.00E+00	-4.35E-03	2.61E-10	1.15E-08	1.37E-02	5.53E-01	0.00E+00	0.00E+00	1.30E+00	4.86E-02	3.57E+00	0.00E+00	2.94E-08	1.40E-08	8.63E-04	1.14E-06	2.56E-01	0.00E+00	3.57E+00	1.85E-08	3.57E+00	3.73E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	4.58E+01
WH25593209C	2.37E-03	3.71E-01	3.66E-02	2.96E-01	0.00E+00	0.00E+00	1.35E+00	3.53E-06	9.81E-04	2.88E-03	0.00E+00	-4.35E-03	2.61E-10	1.15E-08	1.37E-02	5.53E-01	0.00E+00	0.00E+00	1.30E+00	4.86E-02	3.57E+00	0.00E+00	2.94E-08	1.40E-08	8.63E-04	1.14E-06	2.56E-01	0.00E+00	3.57E+00	1.85E-08	3.57E+00	3.73E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	4.58E+01
WH25595200C	6.62E-04	1.24E-01	2.56E-02	9.85E-02	0.00E+00	0.00E+00	7.29E-01	1.35E-06	3.45E-04	9.08E-04	0.00E+00	-2.80E-03	1.28E-10	4.54E-09	4.26E-03	1.82E-01	0.00E+00	0.00E+00	5.34E-01	3.69E-02	9.03E-01	0.00E+00	7.28E-09	3.49E-09	2.49E-04	9.04E-07	9.11E-02	0.00E+00	9.03E-01	-1.64E-07	9.03E-01	9.94E-01	9.11E-02	0.00E+00	0.00E+00	0.00E+00	1.91E+01
WH25595203C	5.22E-04	3.90E-02	2.50E-02	4.00E-02	0.00E+00	0.00E+00	1.92E-01	4.88E-07	2.42E-04	3.58E-04	0.00E+00	-2.77E-03	3.47E-11	2.56E-09	1.33E-03	8.15E-02	0.00E+00	0.00E+00	1.72E-01	3.73E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	8.67E-07	3.25E-02	0.00E+00	3.38E-01	-1.84E-07	3.38E-01	3.62E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH25595204C	5.22E-04	3.90E-02	2.50E-02	4.00E-02	0.00E+00	0.00E+00	1.92E-01	4.88E-07	2.42E-04	3.58E-04	0.00E+00	-2.77E-03	3.47E-11	2.56E-09	1.33E-03	8.15E-02	0.00E+00	0.00E+00	1.72E-01	3.73E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	8.67E-07	3.25E-02	0.00E+00	3.38E-01	-1.84E-07	3.38E-01	3.62E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH25595205C	5.22E-04	3.90E-02	2.50E-02	4.00E-02	0.00E+00	0.00E+00	1.92E-01	4.88E-07	2.42E-04	3.58E-04	0.00E+00	-2.77E-03	3.47E-11	2.56E-09	1.33E-03	8.15E-02	0.00E+00	0.00E+00	1.72E-01	3.73E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	8.67E-07	3.25E-02	0.00E+00	3.38E-01	-1.84E-07	3.38E-01	3.62E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH25595206C	5.21E-04	3.90E-02	2.50E-02	3.98E-02	0.00E+00	0.00E+00	1.93E-01	4.87E-07	2.41E-04	3.57E-04	0.00E+00	-2.77E-03	3.47E-11	2.47E-09	1.33E-03	8.17E-02	0.00E+00	0.00E+00	1.74E-01	3.73E-02	3.39E-01	0.00E+00	2.71E-09	1.84E-09	9.37E-05	8.67E-07	3.26E-02	0.00E+00	3.39E-01	-1.84E-07	3.39E-01	3.65E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	6.54E+00
WH25595207C	5.22E-04	3.90E-02	2.50E-02	4.00E-02	0.00E+00	0.00E+00	1.92E-01	4.88E-07	2.42E-04	3.58E-04	0.00E+00	-2.77E-03	3.47E-11	2.56E-09	1.33E-03	8.15E-02	0.00E+00	0.00E+00	1.72E-01	3.73E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	8.67E-07	3.25E-02	0.00E+00	3.38E-01	-1.84E-07	3.38E-01	3.62E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH25595209C	5.22E-04	3.90E-02	2.50E-02	4.00E-02	0.00E+00	0.00E+00	1.92E-01	4.88E-07	2.42E-04	3.58E-04	0.00E+00	-2.77E-03	3.47E-11	2.56E-09	1.33E-03	8.15E-02	0.00E+00	0.00E+00	1.72E-01	3.73E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	8.67E-07	3.25E-02	0.00E+00	3.38E-01	-1.84E-07	3.38E-01	3.62E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH25596200C	7.94E-04	1.20E-01	2.49E-02	9.54E-02	0.00E+00	0.00E+00	4.29E-01	7.43E-07	4.94E-04	8.43E-04	0.00E+00	-2.80E-03	8.01E-11	5.24E-09	2.64E-03	1.55E-01	0.00E+00	0.00E+00	3.64E-01	3.69E-02	6.02E-01	0.00E+00	5.04E-09	2.75E-09	2.34E-04	9.01E-07	6.29E-02	0.00E+00	6.02E-01	-2.43E-07	6.02E-01	6.65E-01	6.29E-02	0.00E+00	0.00E+00	0.00E+00	1.33E+01
WH25596205C	2.37E-03	3.68E-01	3.62E-02	2.97E-01	0.00E+00	0.00E+00	1.34E+00	3.49E-06	9.89E-04	2.89E-03	0.00E+00	-4.14E-03	2.61E-10	1.14E-08	1.44E-02	5.41E-01	0.00E+00	0.00E+00	1.30E+00	4.85E-02	3.58E+00	0.00E+00	2.94E-08	1.40E-08	8.65E-04	1.12E-06	2.57E-01	0.00E+00	3.58E+00	1.54E-08	3.58E+00	3.76E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	4.61E+01
WH25596207C	2.37E-03	3.68E-01	3.62E-02	2.97E-01	0.00E+00	0.00E+00	1.34E+00	3.49E-06	9.89E-04	2.89E-03	0.00E+00	-4.14E-03	2.61E-10	1.14E-08	1.44E-02	5.41E-01	0.00E+00	0.00E+00	1.30E+00	4.85E-02	3.58E+00	0.00E+00	2.94E-08	1.40E-08	8.65E-04	1.12E-06	2.57E-01	0.00E+00	3.58E+00	1.54E-08	3.58E+00	3.76E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	4.61E+01
WH25596209C	2.37E-03	3.68E-01	3.62E-02	2.97E-01	0.00E+00	0.00E+00	1.34E+00	3.49E-06	9.89E-04	2.89E-03	0.00E+00	-4.14E-03	2.61E-10	1.14E-08	1.44E-02	5.41E-01	0.00E+00	0.00E+00	1.30E+00	4.85E-02	3.58E+00	0.00E+00	2.94E-08	1.40E-08	8.65E-04	1.12E-06	2.57E-01	0.00E+00	3.58E+00	1.54E-08	3.58E+00	3.76E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	4.61E+01
WH25620300C	8.06E-04	1.16E-01	2.59E-02	8.98E-02	0.00E+00	0.00E+00	4.36E-01	7.57E-07	5.09E-04	7.98E-04	0.00E+00	-2.92E-03	8.11E-11	5.44E-09	2.59E-03	1.55E-01	0.00E+00	0.00E+00	3.69E-01	3.86E-02	5.88E-01	0.00E+00	4.88E-09	2.69E-09	2.25E-04	9.40E-07	6.32E-02	0.00E+00	5.88E-01	-2.64E-07	5.88E-01	6.51E-01	6.32E-02	0.00E+00	0.00E+00	0.00E+00	1.35E+01
WH25620303C	4.40E-04	8.04E-02	2.52E-02	8.48E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.22E-04	5.93E-04	0.00E+00	-2.77E-03	4.85E-11	2.25E-09	1.43E-03	7.85E-02	0.00E+00	0.00E+00	2.57E-01	3.71E-02	3.66E-01	0.00E+00	2.95E-09	1.77E-09	1.66E-04	8.66E-07	4.34E-02	0.00E+00	3.66E-01	-2.51E-07	3.66E-01	3.90E-01	4.34E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH25620304C	4.40E-04	8.04E-02	2.52E-02	8.48E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.22E-04	5.93E-04	0.00E+00	-2.77E-03	4.85E-11	2.25E-09	1.43E-03	7.85E-02	0.00E+00	0.00E+00	2.57E-01	3.71E-02	3.66E-01	0.00E+00	2.95E-09	1.77E-09	1.66E-04	8.66E-07	4.34E-02	0.00E+00	3.66E-01	-2.51E-07	3.66E-01	3.90E-01	4.34E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH25620307C	4.40E-04	8.04E-02	2.52E-02	8.48E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.22E-04	5.93E-04	0.00E+00	-2.77E-03	4.85E-11	2.25E-09	1.43E-03	7.85E-02	0.00E+00	0.00E+00	2.57E-01	3.71E-02	3.66E-01	0.00E+00	2.95E-09	1.77E-09	1.66E-04	8.66E-07	4.34E-02	0.00E+00	3.66E-01	-2.51E-07	3.66E-01	3.90E-01	4.34E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH25620309C	4.40E-04	8.04E-02	2.52E-02	8.48E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.22E-04	5.93E-04	0.00E+00	-2.77E-03	4.85E-11	2.25E-09	1.43E-03	7.85E-02	0.00E+00	0.00E+00	2.57E-01	3.71E-02	3.66E-01	0.00E+00	2.95E-09	1.77E-09	1.66E-04	8.66E-07	4.34E-02	0.00E+00	3.66E-01	-2.51E-07	3.66E-01	3.90E-01	4.34E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH25620700C	8.66E-04	1.17E-01	2.60E-02	9.13E-02	0.00E+00	0.00E+00	4.62E-01	8.06E-07	5.51E-04	8.18E-04	0.00E+00	-2.92E-03	8.59E-11	5.90E-09	2.72E-03	1.66E-01	0.00E+00	0.00E+00	3.93E-01	3.86E-02	6.19E-01	0.00E+00	5.12E-09	2.84E-09	2.33E-04	9.41E-07	6.74E-02	0.00E+00	6.19E-01	-2.60E-07	6.19E-01	6.86E-01	6.74E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH25620703C	4.41E-04	8.03E-02	2.52E-02	8.42E-02	0.00E+00	0.00E+00	2.37E-01	4.26E-07	3.31E-04	5.87E-04	0.00E+00	-2.77E-03	4.85E-11	2.46E-09	1.43E-03	7.90E-02	0.00E+00	0.00E+00	2.57E-01	3.71E-02	3.61E-01	0.00E+00	2.90E-09	1.77E-09	1.66E-04	8.66E-07	4.37E-02	0.00E+00	3.61E-01	-2.51E-07	3.61E-01	3.87E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH25620704C	4.41E-04	8.03E-02	2.52E-02	8.42E-02	0.00E+00	0.00E+00	2.37E-01	4.26E-07	3.31E-04	5.87E-04	0.00E+00	-2.77E-03	4.85E-11	2.46E-09	1.43E-03	7.90E-02	0.00E+00	0.00E+00	2.57E-01	3.71E-02	3.61E-01	0.00E+00	2.90E-09	1.77E-09	1.66E-04	8.66E-07	4.37E-02	0.00E+00	3.61E-01	-2.51E-07	3.61E-01	3.87E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH25620705C	4.41E-04	8.03E-02	2.52E-02	8.42E-02	0.00E+00	0.00E+00	2.37E-01	4.26E-07	3.31E-04	5.87E-04	0.00E+00	-2.77E-03	4.85E-11	2.46E-09	1.43E-03	7.90E-02	0.00E+00	0.00E+00	2.57E-01	3.71E-02	3.61E-01	0.00E+00	2.90E-09	1.77E-09	1.66E-04	8.66E-07	4.37E-02	0.00E+00	3.61E-01	-2.51E-07	3.61E-01	3.87E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH25620707C	4.41E-04	8.03E-02	2.52E-02	8.42E-02	0.00E+00	0.00E+00	2.37E-01	4.26E-07	3.31E-04	5.87E-04	0.00E+00	-2.77E-03	4.85E-11	2.46E-09	1.43E-03	7.90E-02	0.00E+00	0.00E+00	2.57E-01	3.71E-02	3.61E-01	0.00E+00	2.90E-09	1.77E-09	1.66E-04	8.66E-07	4.37E-02	0.00E+00	3.61E-01	-2.51E-07	3.61E-01	3.87E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH25623300C	8.07E-04	1.20E-01	2.66E-02	9.31E-02	0.00E+00	0.00E+00	4.58E-01	9.41E-07	5.09E-04	8.21E-04	0.00E+00	-3.19E-03	8.24E-11	5.47E-09	2.57E-03	1.60E-01	0.00E+00	0.00E+00	3.37E-01	3.75E-02	6.31E-01	0.00E+00	4.89E-09	2.72E-09	2.20E-04	9.24E-07	6.62E-02	0.00E+00	6.31E-01	-2.50E-07	6.31E-01	6.61E-01	6.62E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
WH25623305C	8.07E-04	1.20E-01	2.60E-02	9.23E-02	0.00E+00	0.00E+00	4.17E-01	7.58E-07	5.04E-04	8.15E-04	0.00E+00	-2.82E-03	8.13E-11	5.41E-09	2.56E-03	1.54E-01	0.00E+00	0.00E+00	3.46E-01	3.75E-02	6.24E-01	0.00E+00	4.82E-09	2.67E-09	2.18E-04	8.97E-07	6.22E-02	0.00E+00	6.24E-01	-2.46E-07	6.24E-01	6.49E-01	6.22E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+01
WH25623306C	1.04E-03	2.36E-01	3.53E-02	1.44E-01	0.00E+00	0.00E+00	6.62E-01	1.03E-06	6.61E-04	1.20E-03	0.00E+00	-4.01E-03	1.15E-10	7.33E-09	3.82E-03	1.96E-01	5.36E-06	0.00E+00	4.67E-01	4.60E-02	1.03E+00	0.00E+00	9.41E-09	4.11E-09	3.72E-04	1.12E-06	8.77E-02	0.00E+00	1.03E+00	-3.07E-07	1.03E+00	1.12E+00	8.77E-02	0.00E+00	0.00E+00	0.00E+00	1.71E+01
WH25625300C	8.05E-04	1.14E-01	2.47E-02	8.91E-02	0.00E+00	0.00E+00	4.36E-01	7.57E-07	5.09E-04	7.93E-04	0.00E+00	-2.78E-03	8.11E-11	5.44E-09	2.59E-03	1.55E-01	0.00E+00	0.00E+00	3.68E-01	3.66E-02	5.88E-01	0.00E+00	4.88E-09	2.69E-09	2.24E-04	8.93E-07	6.34E-02	0.00E+00	5.88E-01	-2.47E-07	5.88E-01	6.51E-01	6.34E-02	0.00E+00	0.00E+00	0.00E+00	1.35E+01
WH25625303C	7.74E-04	1.19E-01	2.63E-02	9.15E-02	0.00E+00	0.00E+00	4.76E-01	8.10E-07	5.00E-04	8.14E-04	0.00E+00	-2.88E-03	9.49E-11	5.46E-09	2.76E-03	1.56E-01	0.00E+00	0.00E+00	3.74E-01	3.80E-02	6.48E-01	0.00E+00	4.94E-09	2.72E-09	2.15E-04	9.32E-07	6.35E-02	0.00E+00	6.48E-01	-2.48E-07	6.48E-01	6.72E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
WH25625304C	7.74E-04	1.19E-01	2.63E-02	9.15E-02	0.00E+00	0.00E+00	4.76E-01	8.10E-07	5.00E-04	8.14E-04	0.00E+00	-2.88E-03	9.49E-11	5.46E-09	2.76E-03	1.56E-01	0.00E+00	0.00E+00	3.74E-01	3.80E-02	6.48E-01	0.00E+00	4.94E-09	2.72E-09	2.15E-04	9.32E-07	6.35E-02	0.00E+00	6.48E-01	-2.48E-07	6.48E-01	6.72E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
WH25625305C	7.74E-04	1.19E-01	2.63E-02	9.15E-02	0.00E+00	0.00E+00	4.76E-01	8.10E-07	5.00E-04	8.14E-04	0.00E+00	-2.88E-03	9.49E-11	5.46E-09	2.76E-03	1.56E-01	0.00E+00	0.00E+00	3.74E-01	3.80E-02	6.48E-01	0.00E+00	4.94E-09	2.72E-09	2.15E-04	9.32E-07	6.35E-02	0.00E+00	6.48E-01	-2.48E-07	6.48E-01	6.72E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01

WH25625306C	7.74E-04	1.19E-01	2.63E-02	9.15E-02	0.00E+00	0.00E+00	4.76E-01	8.10E-07	5.00E-04	8.14E-04	0.00E+00	-2.88E-03	9.49E-11	5.46E-09	2.76E-03	1.56E-01	0.00E+00	0.00E+00	3.74E-01	3.80E-02	6.48E-01	0.00E+00	4.94E-09	2.72E-09	2.15E-04	9.32E-07	6.35E-02	0.00E+00	6.48E-01	-2.48E-07	6.48E-01	6.72E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
WH25625307C	7.74E-04	1.19E-01	2.63E-02	9.15E-02	0.00E+00	0.00E+00	4.76E-01	8.10E-07	5.00E-04	8.14E-04	0.00E+00	-2.88E-03	9.49E-11	5.46E-09	2.76E-03	1.56E-01	0.00E+00	0.00E+00	3.74E-01	3.80E-02	6.48E-01	0.00E+00	4.94E-09	2.72E-09	2.15E-04	9.32E-07	6.35E-02	0.00E+00	6.48E-01	-2.48E-07	6.48E-01	6.72E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
WH25625309C	7.74E-04	1.19E-01	2.63E-02	9.15E-02	0.00E+00	0.00E+00	4.76E-01	8.10E-07	5.00E-04	8.14E-04	0.00E+00	-2.88E-03	9.49E-11	5.46E-09	2.76E-03	1.56E-01	0.00E+00	0.00E+00	3.74E-01	3.80E-02	6.48E-01	0.00E+00	4.94E-09	2.72E-09	2.15E-04	9.32E-07	6.35E-02	0.00E+00	6.48E-01	-2.48E-07	6.48E-01	6.72E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
WH25625700C	8.66E-04	1.15E-01	2.48E-02	9.06E-02	0.00E+00	0.00E+00	4.62E-01	8.06E-07	5.51E-04	8.13E-04	0.00E+00	-2.78E-03	8.59E-11	5.89E-09	2.72E-03	1.66E-01	0.00E+00	0.00E+00	3.93E-01	3.66E-02	6.19E-01	0.00E+00	5.11E-09	2.84E-09	2.32E-04	8.94E-07	6.76E-02	0.00E+00	6.19E-01	-2.43E-07	6.19E-01	6.86E-01	6.76E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH25628300C	7.94E-04	1.20E-01	2.57E-02	9.16E-02	0.00E+00	0.00E+00	4.23E-01	7.73E-07	5.05E-04	8.13E-04	0.00E+00	-2.82E-03	8.14E-11	5.32E-09	2.54E-03	1.53E-01	0.00E+00	0.00E+00	3.45E-01	3.71E-02	6.24E-01	0.00E+00	4.82E-09	2.68E-09	2.16E-04	8.87E-07	6.32E-02	0.00E+00	6.24E-01	-2.46E-07	6.24E-01	6.42E-01	6.32E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
WH25628306C	1.04E-03	2.37E-01	3.54E-02	1.46E-01	0.00E+00	0.00E+00	6.63E-01	1.03E-06	6.61E-04	1.21E-03	0.00E+00	-4.02E-03	1.15E-10	7.38E-09	3.82E-03	1.96E-01	5.36E-06	0.00E+00	4.67E-01	4.62E-02	1.03E+00	0.00E+00	9.44E-09	4.13E-09	3.72E-04	1.12E-06	8.83E-02	0.00E+00	1.03E+00	-3.09E-07	1.03E+00	1.13E+00	8.83E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
WH25640300C	1.08E-03	1.34E-01	2.65E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.56E-07	6.97E-04	9.70E-04	0.00E+00	-2.91E-03	1.03E-10	7.42E-09	3.22E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	3.84E-02	7.37E-01	0.00E+00	6.11E-09	3.44E-09	2.80E-04	9.39E-07	8.25E-02	0.00E+00	7.37E-01	-2.51E-07	7.37E-01	8.20E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH25640303C	1.08E-03	1.35E-01	2.70E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.56E-07	6.98E-04	9.72E-04	0.00E+00	-2.97E-03	1.03E-10	7.42E-09	3.22E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	3.92E-02	7.37E-01	0.00E+00	6.11E-09	3.44E-09	2.80E-04	9.58E-07	8.24E-02	0.00E+00	7.37E-01	-2.58E-07	7.37E-01	8.20E-01	8.24E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH25640304C	1.08E-03	1.34E-01	2.65E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.56E-07	6.97E-04	9.70E-04	0.00E+00	-2.91E-03	1.03E-10	7.42E-09	3.22E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	3.84E-02	7.37E-01	0.00E+00	6.11E-09	3.44E-09	2.80E-04	9.39E-07	8.25E-02	0.00E+00	7.37E-01	-2.51E-07	7.37E-01	8.20E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH25640305C	1.08E-03	1.34E-01	2.65E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.56E-07	6.97E-04	9.70E-04	0.00E+00	-2.91E-03	1.03E-10	7.42E-09	3.22E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	3.84E-02	7.37E-01	0.00E+00	6.11E-09	3.44E-09	2.80E-04	9.39E-07	8.25E-02	0.00E+00	7.37E-01	-2.51E-07	7.37E-01	8.20E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH25640306C	7.95E-04	8.08E-02	2.53E-02	9.61E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.64E-04	6.63E-04	0.00E+00	-2.77E-03	5.81E-11	6.26E-09	1.47E-03	9.48E-02	0.00E+00	0.00E+00	2.83E-01	3.72E-02	3.87E-01	0.00E+00	3.06E-09	1.97E-09	1.90E-04	8.67E-07	4.99E-02	0.00E+00	3.87E-01	-2.53E-07	3.87E-01	4.35E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH25640307C	7.95E-04	8.08E-02	2.53E-02	9.61E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.64E-04	6.63E-04	0.00E+00	-2.77E-03	5.81E-11	6.26E-09	1.47E-03	9.48E-02	0.00E+00	0.00E+00	2.83E-01	3.72E-02	3.87E-01	0.00E+00	3.06E-09	1.97E-09	1.90E-04	8.67E-07	4.99E-02	0.00E+00	3.87E-01	-2.53E-07	3.87E-01	4.35E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH25640309C	7.95E-04	8.08E-02	2.53E-02	9.61E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.64E-04	6.63E-04	0.00E+00	-2.77E-03	5.81E-11	6.26E-09	1.47E-03	9.48E-02	0.00E+00	0.00E+00	2.83E-01	3.72E-02	3.87E-01	0.00E+00	3.06E-09	1.97E-09	1.90E-04	8.67E-07	4.99E-02	0.00E+00	3.87E-01	-2.53E-07	3.87E-01	4.35E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH25640700C	1.14E-03	1.36E-01	2.66E-02	1.09E-01	0.00E+00	0.00E+00	5.78E-01	1.00E-06	7.38E-04	9.87E-04	0.00E+00	-2.91E-03	1.08E-10	7.85E-09	3.34E-03	2.14E-01	0.00E+00	0.00E+00	4.99E-01	3.84E-02	7.67E-01	0.00E+00	6.33E-09	3.58E-09	2.88E-04	9.39E-07	8.65E-02	0.00E+00	7.67E-01	-2.48E-07	7.67E-01	8.53E-01	8.65E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH25640703C	7.98E-04	8.09E-02	2.53E-02	9.64E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.95E-04	6.65E-04	0.00E+00	-2.77E-03	5.82E-11	6.49E-09	1.47E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	3.72E-02	3.87E-01	0.00E+00	3.06E-09	1.99E-09	1.90E-04	8.67E-07	5.02E-02	0.00E+00	3.87E-01	-2.51E-07	3.87E-01	4.33E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH25640704C	7.98E-04	8.09E-02	2.53E-02	9.64E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.95E-04	6.65E-04	0.00E+00	-2.77E-03	5.82E-11	6.49E-09	1.47E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	3.72E-02	3.87E-01	0.00E+00	3.06E-09	1.99E-09	1.90E-04	8.67E-07	5.02E-02	0.00E+00	3.87E-01	-2.51E-07	3.87E-01	4.33E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH25640705C	1.14E-03	1.36E-01	2.66E-02	1.09E-01	0.00E+00	0.00E+00	5.78E-01	1.00E-06	7.38E-04	9.87E-04	0.00E+00	-2.91E-03	1.08E-10	7.85E-09	3.34E-03	2.14E-01	0.00E+00	0.00E+00	4.99E-01	3.84E-02	7.67E-01	0.00E+00	6.33E-09	3.58E-09	2.88E-04	9.39E-07	8.65E-02	0.00E+00	7.67E-01	-2.48E-07	7.67E-01	8.53E-01	8.65E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH25640707C	7.98E-04	8.09E-02	2.53E-02	9.64E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.95E-04	6.65E-04	0.00E+00	-2.77E-03	5.82E-11	6.49E-09	1.47E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	3.72E-02	3.87E-01	0.00E+00	3.06E-09	1.99E-09	1.90E-04	8.67E-07	5.02E-02	0.00E+00	3.87E-01	-2.51E-07	3.87E-01	4.33E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH25640709C	7.98E-04	8.09E-02	2.53E-02	9.64E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.95E-04	6.65E-04	0.00E+00	-2.77E-03	5.82E-11	6.49E-09	1.47E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	3.72E-02	3.87E-01	0.00E+00	3.06E-09	1.99E-09	1.90E-04	8.67E-07	5.02E-02	0.00E+00	3.87E-01	-2.51E-07	3.87E-01	4.33E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH25643300C	9.78E-04	1.36E-01	2.69E-02	1.10E-01	0.00E+00	0.00E+00	5.55E-01	1.05E-06	6.73E-04	9.91E-04	0.00E+00	-3.21E-03	9.66E-11	6.22E-09	3.27E-03	1.95E-01	0.00E+00	0.00E+00	4.77E-01	3.81E-02	7.23E-01	0.00E+00	6.25E-09	3.53E-09	2.86E-04	9.59E-07	8.30E-02	0.00E+00	7.23E-01	-2.54E-07	7.23E-01	8.42E-01	8.30E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
WH25643303C	1.08E-03	1.35E-01	2.64E-02	1.10E-01	0.00E+00	0.00E+00	5.54E-01	9.68E-07	6.99E-04	9.88E-04	0.00E+00	-2.84E-03	9.69E-11	7.43E-09	3.28E-03	2.04E-01	0.00E+00	0.00E+00	4.78E-01	3.82E-02	7.17E-01	0.00E+00	6.24E-09	3.50E-09	2.84E-04	9.33E-07	8.24E-02	0.00E+00	7.17E-01	-2.51E-07	7.17E-01	8.38E-01	8.24E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH25643305C	1.08E-03	1.35E-01	2.64E-02	1.10E-01	0.00E+00	0.00E+00	5.54E-01	9.68E-07	6.99E-04	9.88E-04	0.00E+00	-2.84E-03	9.69E-11	7.43E-09	3.28E-03	2.04E-01	0.00E+00	0.00E+00	4.78E-01	3.82E-02	7.17E-01	0.00E+00	6.24E-09	3.50E-09	2.84E-04	9.33E-07	8.24E-02	0.00E+00	7.17E-01	-2.51E-07	7.17E-01	8.38E-01	8.24E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH25643306C	1.21E-03	2.41E-01	3.54E-02	1.50E-01	0.00E+00	0.00E+00	6.82E-01	1.13E-06	7.45E-04	1.24E-03	0.00E+00	-4.01E-03	1.15E-10	7.82E-09	4.15E-03	2.25E-01	5.36E-06	0.00E+00	5.06E-01	4.61E-02	1.06E+00	0.00E+00	9.74E-09	4.48E-09	3.81E-04	1.12E-06	9.19E-02	0.00E+00	1.06E+00	-3.09E-07	1.06E+00	1.18E+00	9.19E-02	0.00E+00	0.00E+00	0.00E+00	1.84E+01
WH25645300C	1.08E-03	1.33E-01	2.59E-02	1.07E-01	0.00E+00	0.00E+00	5.53E-01	9.56E-07	6.97E-04	9.67E-04	0.00E+00	-2.84E-03	1.03E-10	7.41E-09	3.21E-03	2.04E-01	0.00E+00	0.00E+00	4.75E-01	3.74E-02	7.37E-01	0.00E+00	6.11E-09	3.44E-09	2.79E-04	9.14E-07	8.25E-02	0.00E+00	7.37E-01	-2.42E-07	7.37E-01	8.20E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH25645303C	1.08E-03	1.34E-01	2.62E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.53E-07	6.97E-04	9.70E-04	0.00E+00	-2.86E-03	9.69E-11	7.43E-09	3.25E-03	2.04E-01	0.00E+00	0.00E+00	4.75E-01	3.75E-02	7.11E-01	0.00E+00	6.10E-09	3.44E-09	2.80E-04	9.16E-07	8.25E-02	0.00E+00	7.11E-01	-2.44E-07	7.11E-01	8.18E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH25645304C	1.08E-03	1.34E-01	2.62E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.53E-07	6.97E-04	9.70E-04	0.00E+00	-2.86E-03	9.69E-11	7.43E-09	3.25E-03	2.04E-01	0.00E+00	0.00E+00	4.75E-01	3.75E-02	7.11E-01	0.00E+00	6.10E-09	3.44E-09	2.80E-04	9.16E-07	8.25E-02	0.00E+00	7.11E-01	-2.44E-07	7.11E-01	8.18E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH25645305C	1.08E-03	1.33E-01	2.59E-02	1.07E-01	0.00E+00	0.00E+00	5.53E-01	9.56E-07	6.97E-04	9.67E-04	0.00E+00	-2.84E-03	1.03E-10	7.41E-09	3.21E-03	2.04E-01	0.00E+00	0.00E+00	4.75E-01	3.74E-02	7.37E-01	0.00E+00	6.11E-09	3.44E-09	2.79E-04	9.14E-07	8.25E-02	0.00E+00	7.37E-01	-2.42E-07	7.37E-01	8.20E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH25645306C	1.08E-03	1.34E-01	2.62E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.53E-07	6.97E-04	9.70E-04	0.00E+00	-2.86E-03	9.69E-11	7.43E-09	3.25E-03	2.04E-01	0.00E+00	0.00E+00	4.75E-01	3.75E-02	7.11E-01	0.00E+00	6.10E-09	3.44E-09	2.80E-04	9.16E-07	8.25E-02	0.00E+00	7.11E-01	-2.44E-07	7.11E-01	8.18E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH25645307C	1.08E-03	1.34E-01	2.62E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.53E-07	6.97E-04	9.70E-04	0.00E+00	-2.86E-03	9.69E-11	7.43E-09	3.25E-03	2.04E-01	0.00E+00	0.00E+00	4.75E-01	3.75E-02	7.11E-01	0.00E+00	6.10E-09	3.44E-09	2.80E-04	9.16E-07	8.25E-02	0.00E+00	7.11E-01	-2.44E-07	7.11E-01	8.18E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH25645309C	1.08E-03	1.34E-01	2.62E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.53E-07	6.97E-04	9.70E-04	0.00E+00	-2.86E-03	9.69E-11	7.43E-09	3.25E-03	2.04E-01	0.00E+00	0.00E+00	4.75E-01	3.75E-02	7.11E-01	0.00E+00	6.10E-09	3.44E-09	2.80E-04	9.16E-07	8.25E-02	0.00E+00	7.11E-01	-2.44E-07	7.11E-01	8.18E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH25645700C	1.14E-03	1.35E-01	2.60E-02	1.09E-01	0.00E+00	0.00E+00	5.78E-01	1.00E-06	7.37E-04	9.85E-04	0.00E+00	-2.84E-03	1.08E-10	7.85E-09	3.33E-03	2.14E-01	0.00E+00	0.00E+00	4.99E-01	3.74E-02	7.67E-01	0.00E+00	6.33E-09	3.59E-09	2.87E-04	9.14E-07	8.66E-02	0.00E+00	7.67E-01	-2.39E-07	7.67E-01	8.53E-01	8.66E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH25645705C	1.10E-03	1.35E-01	2.62E-02	1.08E-01	0.00E+00	0.00E+00	5.74E-01	1.00E-06	7.35E-04	9.84E-04	0.00E+00	-2.86E-03	9.70E-11	7.78E-09	3.32E-03	2.13E-01	0.00E+00	0.00E+00	4.98E-01	3.77E-02	7.19E-01	0.00E+00	6.31E-09	3.58E-09	2.84E-04	9.22E-07	8.58E-02	0.00E+00	7.19E-01	-2.43E-07	7.19E-01	8.51E-01	8.58E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH25645707C	1.10E-03	1.35E-01	2.62E-02	1.08E-01	0.00E+00	0.00E+00	5.74E-01	1.00E-06	7.35E-04	9.84E-04	0.00E+00	-2.86E-03	9.70E-11	7.78E-09	3.32E-03	2.13E-01	0.00E+00	0.00E+00	4.98E-01	3.77E-02	7.19E-01	0.00E+00	6.31E-09	3.58E-09	2.84E-04	9.22E-07	8.58E-02	0.00E+00	7.19E-01	-2.43E-07	7.19E-01	8.51E-01	8.58E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH25648305C	1.09E-03	1.36E-01	2.65E-02	1.10E-01	0.00E+00	0.00E+00	5.57E-01	9.69E-07	6.99E-04	9.91E-04	0.00E+00	-2.87E-03	9.69E-11	7.46E-09	3.28E-03	2.05E-01	0.00E+00	0.00E+00	4.80E-01	3.77E-02	7.18E-01	0.00E+00	6.25E-09	3.50E-09	2.84E-04	9.24E-07	8.28E-02	0.00E+00	7.18E-01	-2.43E-07	7.18E-01	8.38E-01	8.28E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
WH25750100C	8.40E-04	1.12E-01	2.40E-02	8.32E-02	0.00E+00	0.00E+00	5.24E-01	8.57E-07	4.03E-04	7.82E-04	0.00E+00	-2.56E-03	1.04E-10	4.36E-09	3.09E-03	1.74E-01	0.00E+00	0.00E+00	4.26E-01	3.39E-02	8.18E-01	0.00E+00	7.03E-09	3.74E-09	2.40E-04	8.56E-07	7.13E-02	0.00E+00	8.18E-01	-1.82E-07	8.18E-01	8.90E-01	7.13E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
WH25750105C	6.08E-04	3.91E-02	2.28E-02	4.91E-02	0.00E+00	0.00E+00	1.96E-01	5.41E-07	3.18E-04	4.41E-04	0.00E+00	-2.47E-03	3.46E-11	3.08E-09	1.65E-03	9.52E-02	0.00E+00	0.00E+00	1.79E-01	3.33E-02	5.79E-01	0.00E+00	4.66E-09	2.63E-09	1.28E-04	8.12E-07	3.53E-02	0.00E+00	5.79E-01	-1.81E-07	5.79E-01	6.24E-01	3.53E-02	0.00E+00	0.00E+00	0.00E+00	7.30E+00
WH25750205C	6.08E-04	3.91E-02	2.28E-02	4.91E-02	0.00E+00	0.00E+00	1.96E-01	5.42E-07	3.18E-04	4.41E-04	0.00E+00	-2.47E-03	3.46E-11	3.08E-09	1.65E-03	9.62E-02	0.00E+00	0.00E+00	1.79E-01	3.33E-02	5.79E-01	0.00E+00	4.66E-09	2.64E-09	1.28E-04	8.12E-07	3.53E-02	0.00E+00	5.79E-01	-1.81E-07	5.79E-01	6.24E-01	3.53E-02	0.00E+00	0.00E+00	0.00E+00	7.30E+00
WH25915600C	7.63E-04	1.50E-01	4.13E-02	1.08E-01	0.00E+00	0.00E+00	5.39E-01	1.00E-06	4.42E-04	9.59E-04	0.00E+00	-4.80E-03	9.69E-11	4.94E-09	3.39E-03	1.69E-01	0.00E+00	0.00E+00	4.35E-01	6.34E-02	7.60E-01	0.00E+00	6.20E-09	3.17E-09	2.62E-04	1.54E-06	7.24E-02	0.00E+00	7.60E-01	-4.13E-07	7.60E-01	8.33E-01	7.24E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
WH25915603C	9.78E-04	2.26E-01	4.80E-02	1.38E-01	0.00E+00	0.00E+00	6.47E-01	1.07E-06	6.37E-04	1.13E-03	0.00E+00	-6.06E-03	1.12E-10	7.21E-09	3.93E-03	1.80E-01	0.00E+00	0.00E+00	4.49E-01	7.39E-02	8.78E-01	0.00E+00	7.89E-09	3.64E-09	3.30E-04	1.78E-06	8.09E-02	0.00E+00	8.78E-01	-4.92E-07	8.78E-01	9.64E-01	8.09E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
WH25915605C	9.78E-04	2.26E-01	4.80E-02	1.38E-01	0.00E+00	0.00E+00	6.47E-01	1.07E-06	6.37E-04	1.13E-03	0.00E+00	-6.06E-03	1.12E-10	7.21E-09	3.93E-03	1.80E-01	0.00E+00	0.00E+00	4.49E-01	7.39E-02	8.78E-01	0.00E+00	7.89E-09	3.64E-09	3.30E-04	1.78E-06	8.09E-02	0.00E+00	8.78E-01	-4.92E-07	8.78E-01	9.64E-01	8.09E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
WH25915700C	2.08E-03	3.10E-01	4.95E-02	2.49E-01	0.00E+00	0.00E+00	1.18E+00	2.73E-06	7.41E-04	2.35E-03	0.00E+00	-6.78E-03	2.33E-10	8.64E-09	1.27E-02	4.64E-01	0.00E+00	0.00E+00	1.20E+00	7.49E-02	3.18E+00	0.00E+00	2.54E-08	1.18E-08	7.72E-04	1.85E-06	2.07E-01	0.00E+00	3.18E+00	-2.85E-07	3.18E+00	3.31E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	4.22E+01
WH25915800C	1.33E-03	2.42E-01	4.71E-02	1.95E-01	0.00E+00	0.00E+00	1.47E+00	2.74E-06	6.89E-04	1.81E-03	0.00E+00	-5.09E-03	2.58E-10	9.09E-09	8.57E-03	3.67E-01	0.00E+00	0.00E+00	1.08E+00	6.71E-02	1.82E+00	0.00E+00	1.46E-08	7.03E-09	4.96E-04	1.64E-06	1.84E-01	0.00E+00	1.82E+00	-2.65E-07	1.82E+00	2.00E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.85E+01
WH25915803C	5.53E-04	2.42E-01	5.03E-02	1.61E-01	0.00E+00	0.00E+00	7.42E-01	8.35E-07	5.52E-04	1.23E-03	0.00E+00	-6.11E-03	1.16E-10	5.84E-09	4.21E-03	1.29E-01	0.00E+00	0.00E+00	2.37E-01	7.56E-02	7.54E-01	0.00E+00	7.25E-09	3.51E-09	3.04E-04	1.91E-06	5.73E-02	0.00E+00	7.54E-01	-4.06E-07	7.54E-01	8.55E-01	5.73E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
WH25915804C	5.53E-04	2.42E-01	5.03E-02	1.61E-01	0.00E+00	0.00E+00	7.42E-01	8.35E-07	5.52E-04	1.23E-03	0.00E+00	-6.11E-03	1.16E-10	5.84E-09	4.21E-03	1.29E-01	0.00E+00	0.00E+00	2.37E-01	7.56E-02	7.54E-01	0.00E+00	7.25E-09	3.51E-09	3.04E-04	1.91E-06	5.73E-02	0.00E+00	7.54E-01	-4.06E-07	7.54E-01	8.55E-01	5.73E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
WH25915805C	5.53E-04	2.42E-01	5.03E-02	1.61E-01	0.00E+00	0.00E+00	7.42E-01	8.35E-07	5.52E-04	1.23E-03	0.00E+00	-6.11E-03	1.16E-10	5.84E-09	4.21E-03	1.29E-01	0.00E+00	0.00E+00	2.37E-01	7.56E-02	7.54E-01	0.00E+00	7.25E-09	3.51E-09	3.04E-04	1.91E-06	5.73E-02	0.00E+00	7.54E-01	-4.06E-07	7.54E-01	8.55E-01	5.73E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
WH25916200C	2.06E-03	3.06E-01	4.91E-02	2.49E-01	0.00E+00	0.00E+00	1.18E+00	2.70E-06	7.45E-04	2.35E-03	0.00E+00	-6.50E-03	2.32E-10	8.31E-09	1.28E-02	4.72E-01	0.00E+00	0.00E+00	1.19E+00	7.52E-02	3.18E+00	0.00E+00	2.55E-08	1.18E-08	7.68E-04	1.80E-06	2.10E-01	0.00E+00	3.18E+00	-2.84E-07	3.18E+00	3.32E+00	2.10E-01	0.00E+00	0.00E+00	0.00E+00	4.21E+01
WH25916203C	2.09E-03	3.20E-01	5.01E-02	2.50E-01	0.00E+00	0.00E+00	1.14E+00	2.53E-06	8.12E-04	2.40E-03	0.00E+00	-6.18E-03	2.30E-10	9.18E-09	1.23E-02	4.33E-01	0.00E+00	0.00E+00	1.20E+00	7.81E-02	3.00E+00	0.00E+00	2.33E-08	1.23E-08	7.67E-04	1.87E-06	1.82E-01	0.00E+00	3.00E+00	-2.84E-07	3.00E+00	3.06E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
WH25916205C	2.09E-03	3.20E-01	5.01E-02	2.50E-01	0.00E+00	0.00E+00	1.14E+00	2.53E-06	8.12E-04	2.40E-03	0.00E+00	-6.18E-03	2.30E-10	9.18E-09	1.23E-02	4.33E-01	0.00E+00	0.00E+00	1.20E+00	7.81E-02	3.00E+00	0.00E+00	2.33E-08	1.23E-08	7.67E-04	1.87E-06	1.82E-01	0.00E+00	3.00E+00	-2.84E-07	3.00E+00	3.06E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
WH25916300C	9.78E-04	2.26E-01	4.80E-02	1.38E-01	0.00E+00	0.00E+00	6.47E-01	1.07E-06	6.37E-04	1.13E-03	0.00E+00	-6.06E-03	1.12E-10	7.21E-09	3.93E-03	1.80E-01	0.00E+00	0.00E+00	4.49E-01	7.39E-02	8.78E-01	0.00E+00	7.89E-09	3.64E-09	3.30E-04	1.78E-06	8.09E-02	0.00E+00	8.78E-01	-4.92E-07	8.78E-01	9.64E-01	8.09E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
WH25916304C	9.78E-04	2.26E-01	4.80E-02	1.38E-01	0.00E+00	0.00E+00	6.47E-01	1.07E-06	6.37E-04	1.13E-03	0.00E+00	-6.06E-03	1.12E-10	7.21E-09	3.93E-03	1.80E-01	0.00E+00	0.00E+00	4.49E-01	7.39E-02	8.78E-01	0.00E+00	7.89E-09	3.64E-09	3.30E-04	1.78E-06	8.09E-02	0.00E+00	8.78E-01	-4.92E-07	8.78E-01	9.64E-01	8.09E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
WH25916305C	9.78E-04	2.26E-01	4.80E-02	1.38E-01	0.00E+00	0.00E+00	6.47E-01	1.07E-06	6.37E-04	1.13E-03	0.00E+00	-6.06E-03	1.12E-10	7.21E-09	3.93E-03	1.80E-01	0.00E+00	0.00E+00	4.49E-01	7.39E-02	8.78E-01	0.00E+00	7.89E-09	3.64E-09	3.30E-04	1.78E-06	8.09E-02	0.00E+00	8.78E-01	-4.92E-07	8.78E-01	9.64E-01	8.09E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
WH25917000C	1.04E-03	2.30E-01	4.84E-02	1.48E-01	0.00E+00	0.00E+00	6.67E-01	1.21E-06	6.46E-04	1.17E-03	0.00E+00	-6.27E-03	1.13E-10	7.58E-09	4.06E-03	1.92E-01	0.00E+00	0.00E+00	4.56E-01	7.39E-02	9.00E-01	0.00E+00	8.19E-09	3.70E-09	3.39E-04	1.82E-06	8.26E-02	0.00E+00	9.00E-01	-4.84E-07	9.00E-01	9.96E-01	8.26E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
WH25917003C	5.36E-04	2.43E-01	4.95E-02	1.34E-01	0.00E+00	0.00E+00	6.70E-01	6.99E-07	6.06E-04	9.92E-04	0.00E+00	-5.95E-03	1.12E-10	5.95E-09	3.01E-03	9.25E-02	0.00E+00	0.00E+00	1.74E-01	7.66E-02	6.22E-01	0.00E+00	5.82E-09	2.53E-09	2.60E-04	1.89E-06	4.88E-02	0.00E+00	6.22E-01	-4.78E-07	6.22E-01	6.76E-01	4.88E-02	0.00E+00	0.00E+00	0.00E+00	9.84E+00
WH25917004C	5.36E-04	2.43E-01	4.95E-02	1.34E-01	0.00E+00	0.00E+00	6.70E-01	6.99E-07	6.06E-04	9.92E-04	0.00E+00	-5.95E-03	1.12E-10	5.95E-09	3.01E-03	9.25E-02	0.00E+00	0.00E+00	1.74E-01	7.66E-02	6.22E-01	0.00E+00	5.82E-09	2.53E-09	2.60E-04	1.89E-06	4.88E-02	0.00E+00	6.22E-01	-4.78E-07	6.22E-01	6.76E-01	4.88E-02	0.00E+00	0.00E+00	0.00E+00	9.84E+00
WH25917700C	2.36E-03	3.69E-01	4.88E-02	2.82E-01	0.00E+00	0.00E+00	1.34E+00	3.50E-06	9.79E-04	2.75E-03	0.00E+00	-6.49E-03	2.60E-10	1.15E-08	1.36E-02	5.49E-01	5.05E-06	0.00E+00	1.29E+00	7.65E-02	3.50E+00	0.00E+00	2.89E-08	1.35E-08	8.47E-04	1.84E-06	2.53E-01	0.00E+00	3.50E+00	-2.17E-07	3.50E+00	3.66E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
WH25917705C	2.36E-03	3.69E-01	4.88E-02	2.82E-01	0.00E+00	0.00E+00	1.34E+00	3.50E-06	9.79E-04	2.75E-03	0.00E+00	-6.49E-03	2.60E-10	1.15E-08	1.36E-02	5.49E-01	5.05E-06	0.00E+00	1.29E+00	7.65E-02	3.50E+00	0.00E+00	2.89E-08	1.35E-08	8.47E-04	1.84E-06	2.53E-01	0.00E+00	3.50E+00	-2.17E-07	3.50E+00	3.66E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
WH25917803C	2.36E-03	3.66E-01	4.85E-02	2.84E-01	0.00E+00	0.00E+00	1.32E+00	3.45E-06	9.87E-04	2.76E-03	0.00E+00	-6.33E-03	2.61E-10	1.13E-08	1.42E-02	5.38E-01	5.05E-06	0.00E+00	1.30E+00	7.65E-02	3.52E+00	0.00E+00	2.89E-08	1.35E-08	8.50E-04	1.82E-06	2.54E-01	0.00E+00	3.52E+00	-2.27E-07	3.52E+00	3.69E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
WH25917804C	2.36E-03	3.66E-01	4.85E-02	2.84E-01	0.00E+00	0.00E+00	1.32E+00	3.45E-06	9.87E-04	2.76E-03	0.00E+00	-6.33E-03	2.61E-10	1.13E-08	1.42E-02	5.38E-01	5.05E-06	0.00E+00	1.30E+00	7.65E-02	3.52E+00	0.00E+00	2.89E-08	1.35E-08	8.50E-04	1.82E-06	2.54E-01	0.00E+00	3.52E+00	-2.27E-07	3.52E+00	3.69E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
WH25917805C	2.36E-03	3.66E-01	4.85E-02	2.84E-01	0.00E+00	0.00E+00	1.32E+00	3.45E-06	9.87E-04	2.76E-03	0.00E+00	-6.33E-03	2.61E-10	1.13E-08	1.42E-02	5.38E-01	5.05E-06	0.00E+00	1.30E+00	7.65E-02	3.52E+00	0.00E+00	2.89E-08	1.35E-08	8.50E-04	1.82E-06	2.54E-01	0.00E+00	3.52E+00	-2.27E-07	3.52E+00	3.69E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
WH26580300C	3.87E-04	8.41E-02	2.62E-02	5.79E-02	0.00E+00	0.00E+00	2.77E-01	5.13E-07	2.23E-04	5.06E-04	0.00E+00	-3.09E-03	4.97E-11	2.51E-09	1.75E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	4.07E-02	3.88E-01	0.00E+00	3.16E-09	1.61E-09	1.37E-04	9.90E-07	3.61E-02	0.00E+00	3.88E-01	-2.84E-07	3.88E-01	4.24E-01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	8.02E+00
WH26580303C	3.71E-04	4.14E-02	2.64E-02	3.79E-02	0.00E+00	0.00E+00	1.89E-01	4.11E-07	2.09E-04	3.56E-04	0.00E+00	-3.23E-03	3.29E-11	1.99E-09	1.24E-03	7.66E-02	0.00E+00	0.00E+00	1.68E-01	4.18E-02	3.47E-01	0.00E+00	2.55E-09	1.51E-09	9.49E-05	1.00E-06	3.09E-02	0.00E+00	3.47E-01	-2.91E-07	3.47E-01	3.59E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
WH26580304C	3.71E-04	4.14E-02	2.64E-02	3.79E-02	0.00E+00	0.00E+00	1.89E-01	4.11E-07	2.09E-04	3.56E-04	0.00E+00	-3.23E-03	3.29E-11	1.99E-09	1.24E-03	7.66E-02	0.00E+00	0.00E+00	1.68E-01	4.18E-02	3.47E-01	0.00E+00	2.55E-09	1.51E-09	9.49E-05	1.00E-06	3.09E-02	0.00E+00	3.47E-01	-2.91E-07	3.47E-01	3.59E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
WH26580305C	3.71E-04	4.14E-02	2.64E-02	3.79E-02	0.00E+00	0.00E+00	1.89E-01	4.11E-07	2.09E-04	3.56E-04	0.00E+00	-3.23E-03	3.29E-11	1.99E-09	1.24E-03	7.66E-02	0.00E+00	0.00E+00	1.68E-01	4.18E-02	3.47E-01	0.00E+00	2.55E-09	1.51E-09	9.49E-05	1.00E-06	3.09E-02	0.00E+00	3.47E-01	-2.91E-07	3.47E-01	3.59E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
WH26580307C	3.71E-04	4.14E-02	2.64E-02	3.79E-02	0.00E+00	0.00E+00	1.89E-01	4.11E-07	2.09E-04	3.56E-04	0.00E+00	-3.23E-03	3.29E-11	1.99E-09	1.24E-03	7.66E-02	0.00E+00	0.00E+00	1.68E-01	4.18E-02	3.47E-01	0.00E+00	2.55E-09	1.51E-09	9.49E-05	1.00E-06	3.09E-02	0.00E+00	3.47E-01	-2.91E-07	3.47E-01	3.59E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
WH26585300C	6.81E-04	1.13E-01	2.71E-02	7.76E-02	0.00E+00	0.00E+00	4.75E-01	7.89E-07	3.56E-04	6.92E-04	0.00E+00	-3.23E-03	9.55E-11	4.45E-09	2.68E-03	1.55E-01	0.00E+00	0.00E+00	3.69E-01	4.31E-02	6.58E-01	0.00E+00	5.21E-09	2.73E-09	1.95E-04	1.05E-06	6.45E-02	0.00E+00	6.58E-01	-3.00E-07	6.58E-01	6.75E-01	6.45E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
WH26585303C	3.87E-04	4.12E-02	2.65E-02	3.77E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.10E-04	3.56E-04	0.00E+00	-3.29E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	4.26E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	1.03E-06	3.20E-02	0.00E+00	3.49E-01	-2.93E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH26585304C	3.87E-04	4.12E-02	2.65E-02	3.77E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.10E-04	3.56E-04	0.00E+00	-3.29E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	4.26E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	1.03E-06	3.20E-02	0.00E+00	3.49E-01	-2.93E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH26585305C	3.87E-04	4.12E-02	2.65E-02	3.77E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.10E-04	3.56E-04	0.00E+00	-3.29E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	4.26E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	1.03E-06	3.20E-02	0.00E+00	3.49E-01	-2.93E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH26585307C	3.87E-04	4.12E-02	2.65E-02	3.77E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.10E-04	3.56E-04	0.00E+00	-3.29E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	4.26E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	1.03E-06	3.20E-02	0.00E+00	3.49E-01	-2.93E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH26585400C	4.70E-04	3.86E-02	2.52E-02	3.81E-02	0.00E+00	0.00E+00	1.92E-01	4.59E-07	2.85E-04	3.55E-04	0.00E+00	-2.72E-03	3.48E-11	2.79E-09	1.33E-03	8.27E-02	0.00E+00	0.00E+00	1.73E-01	3.68E-02	3.39E-01	0.00E+00	2.70E-09	1.82E-09	9.31E-05	8.62E-07	3.18E-02	0.00E+00	3.39E-01	-1.88E-07	3.39E-01	3.63E-01	3.18E-02	0.00E+00	0.00E+00	0.00E+00	6.71E+00
WH26585405C	4.69E-04	3.90E-02	2.56E-02	3.83E-02	0.00E+00	0.00E+00	1.92E-01	4.61E-07	2.42E-04	3.52E-04	0.00E+00	-2.78E-03	3.47E-11	2.51E-09	1.33E-03	8.11E-02	0.00E+00	0.00E+00	1.72E-01	3.74E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.31E-05	8.69E-07	3.25E-02	0.00E+00	3.38E-01	-1.90E-07	3.38E-01	3.62E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH26592200C	8.64E-04	1.24E-01	3.03E-02	9.42E-02	0.00E+00	0.00E+00	6.70E-01	1.30E-06	4.03E-04	8.21E-04	0.00E+00	-3.56E-03	9.56E-11	4.85E-09	3.60E-03	1.77E-01	0.00E+00	0.00E+00	4.60E-01	4.39E-02	7.38E-01	0.00E+00	6.25E-09	3.12E-09	2.16E-04	1.11E-06	7.59E-02	0.00E+00	7.38E-01	-2.69E-07	7.38E-01	8.47E-01	7.59E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH26592205C	5.19E-04	3.90E-02	2.92E-02	3.98E-02	0.00E+00	0.00E+00	1.92E-01	4.77E-07	2.43E-04	3.58E-04	0.00E+00	-3.20E-03	3.47E-11	2.40E-09	1.33E-03	8.17E-02	0.00E+00	0.00E+00	1.68E-01	4.20E-02	3.38E-01	0.00E+00	2.69E-09	1.81E-09	9.37E-05	1.04E-06	3.17E-02	0.00E+00	3.38E-01	-2.53E-07	3.38E-01	3.61E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.41E+00
WH26593200C	2.37E-03	3.71E-01	4.02E-02	2.87E-01	0.00E+00	0.00E+00	1.35E+00	3.53E-06	9.81E-04	2.79E-03	0.00E+00	-4.62E-03	2.61E-10	1.15E-08	1.37E-02	5.53E-01	0.00E+00	0.00E+00	1.30E+00	5.24E-02	3.56E+00	0.00E+00	2.93E-08	1.39E-08	8.52E-04	1.28E-06	2.56E-01	0.00E+00	3.56E+00	-1.08E-07	3.56E+00	3.71E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
WH26595200C	8.27E-04	1.23E-01	3.00E-02	9.26E-02	0.00E+00	0.00E+00	6.79E-01	1.27E-06	3.92E-04	8.17E-04	0.00E+00	-3.25E-03	9.56E-11	4.45E-09	3.53E-03	1.70E-01	0.00E+00	0.00E+00	4.57E-01	4.34E-02	7.31E-01	0.00E+00	6.23E-09	3.10E-09	2.11E-04	1.07E-06	7.31E-02	0.00E+00	7.31E-01	-2.61E-07	7.31E-01	8.39E-01	7.31E-02	0.00E+00	0.00E+00	0.00E+00	1.73E+01
WH26595205C	5.24E-04	3.90E-02	2.96E-02	4.00E-02	0.00E+00	0.00E+00	1.92E-01	4.88E-07	2.44E-04	3.58E-04	0.00E+00	-3.30E-03	3.47E-11	2.56E-09	1.33E-03	8.15E-02	0.00E+00	0.00E+00	1.72E-01	4.23E-02	3.39E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	1.05E-06	3.25E-02	0.00E+00	3.39E-01	-2.55E-07	3.39E-01	3.63E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH26595207C	5.24E-04	3.90E-02	2.96E-02	4.00E-02	0.00E+00	0.00E+00	1.92E-01	4.88E-07	2.44E-04	3.58E-04	0.00E+00	-3.30E-03	3.47E-11	2.56E-09	1.33E-03	8.15E-02	0.00E+00	0.00E+00	1.72E-01	4.23E-02	3.39E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	1.05E-06	3.25E-02	0.00E+00	3.39E-01	-2.55E-07	3.39E-01	3.63E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH26596200C	2.37E-03	3.68E-01	3.98E-02	2.89E-01	0.00E+00	0.00E+00	1.34E+00	3.49E-06	9.89E-04	2.80E-03	0.00E+00	-4.46E-03	2.61E-10	1.14E-08	1.43E-02	5.41E-01	0.00E+00	0.00E+00	1.30E+00	5.24E-02	3.57E+00	0.00E+00	2.92E-08	1.39E-08	8.54E-04	1.26E-06	2.57E-01	0.00E+00	3.57E+00	-1.04E-07	3.57E+00	3.75E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
WH26596203C	2.37E-03	3.68E-01	3.98E-02	2.89E-01	0.00E+00	0.00E+00	1.34E+00	3.49E-06	9.89E-04	2.80E-03	0.00E+00	-4.46E-03	2.61E-10	1.14E-08	1.43E-02	5.41E-01	0.00E+00	0.00E+00	1.30E+00	5.24E-02	3.57E+00	0.00E+00	2.92E-08	1.39E-08	8.54E-04	1.26E-06	2.57E-01	0.00E+00	3.57E+00	-1.04E-07	3.57E+00	3.75E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
WH26596207C	2.37E-03	3.68E-01	3.98E-02	2.89E-01	0.00E+00	0.00E+00	1.34E+00	3.49E-06	9.89E-04	2.80E-03	0.00E+00	-4.46E-03	2.61E-10	1.14E-08	1.43E-02	5.41E-01	0.00E+00	0.00E+00	1.30E+00	5.24E-02	3.57E+00	0.00E+00	2.92E-08	1.39E-08	8.54E-04	1.26E-06	2.57E-01	0.00E+00	3.57E+00	-1.04E-07	3.57E+00	3.75E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
WH26620300C	4.74E-04	7.98E-02	2.91E-02	8.50E-02	0.00E+00	0.00E+00	2.38E-01	4.20E-07	3.32E-04	5.75E-04	0.00E+00	-3.65E-03	4.92E-11	2.47E-09	1.43E-03	8.11E-02	0.00E+00	0.00E+00	2.60E-01	4.43E-02	3.68E-01	0.00E+00	2.94E-09	1.78E-09	1.66E-04	1.10E-06	4.35E-02	0.00E+00	3.68E-01	-3.23E-07	3.68E-01	3.91E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	9.46E+00
WH26620303C	4.47E-04	8.04E-02	2.90E-02	8.51E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.30E-04	5.93E-04	0.00E+00	-3.30E-03	4.85E-11	2.25E-09	1.43E-03	7.85E-02	0.00E+00	0.00E+00	2.57E-01	4.39E-02	3.66E-01	0.00E+00	2.95E-09	1.77E-09	1.65E-04	1.06E-06	4.35E-02	0.00E+00	3.66E-01	-2.99E-07	3.66E-01	3.91E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH26620304C	4.47E-04	8.04E-02	2.90E-02	8.51E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.30E-04	5.93E-04	0.00E+00	-3.30E-03	4.85E-11	2.25E-09	1.43E-03	7.85E-02	0.00E+00	0.00E+00	2.57E-01	4.39E-02	3.66E-01	0.00E+00	2.95E-09	1.77E-09	1.65E-04	1.06E-06	4.35E-02	0.00E+00	3.66E-01	-2.99E-07	3.66E-01	3.91E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH26620305C	4.47E-04	8.04E-02	2.90E-02	8.51E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.30E-04	5.93E-04	0.00E+00	-3.30E-03	4.85E-11	2.25E-09	1.43E-03	7.85E-02	0.00E+00	0.00E+00	2.57E-01	4.39E-02	3.66E-01	0.00E+00	2.95E-09	1.77E-09	1.65E-04	1.06E-06	4.35E-02	0.00E+00	3.66E-01	-2.99E-07	3.66E-01	3.91E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH26620307C	4.47E-04	8.04E-02	2.90E-02	8.51E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.30E-04	5.93E-04	0.00E+00	-3.30E-03	4.85E-11	2.25E-09	1.43E-03	7.85E-02	0.00E+00	0.00E+00	2.57E-01	4.39E-02	3.66E-01	0.00E+00	2.95E-09	1.77E-09	1.65E-04	1.06E-06	4.35E-02	0.00E+00	3.66E-01	-2.99E-07	3.66E-01	3.91E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00

WH26620309C	4.47E-04	8.04E-02	2.90E-02	8.51E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.30E-04	5.93E-04	0.00E+00	-3.30E-03	4.85E-11	2.25E-09	1.43E-03	7.85E-02	0.00E+00	0.00E+00	2.57E-01	4.39E-02	3.66E-01	0.00E+00	2.95E-09	1.77E-09	1.65E-04	1.06E-06	4.35E-02	0.00E+00	3.66E-01	-2.99E-07	3.66E-01	3.91E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH26620700C	8.32E-04	1.24E-01	2.95E-02	9.39E-02	0.00E+00	0.00E+00	4.82E-01	9.54E-07	5.27E-04	8.12E-04	0.00E+00	-3.66E-03	8.94E-11	5.74E-09	2.72E-03	1.66E-01	0.00E+00	0.00E+00	3.63E-01	4.46E-02	6.55E-01	0.00E+00	5.21E-09	2.83E-09	2.17E-04	1.10E-06	6.71E-02	0.00E+00	6.55E-01	-3.27E-07	6.55E-01	7.00E-01	6.71E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
WH26620704C	4.48E-04	8.03E-02	2.90E-02	8.44E-02	0.00E+00	0.00E+00	2.37E-01	4.26E-07	3.39E-04	5.87E-04	0.00E+00	-3.30E-03	4.85E-11	2.46E-09	1.43E-03	7.90E-02	0.00E+00	0.00E+00	2.57E-01	4.39E-02	3.61E-01	0.00E+00	2.90E-09	1.77E-09	1.65E-04	1.06E-06	4.37E-02	0.00E+00	3.61E-01	-2.99E-07	3.61E-01	3.87E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH26620705C	4.48E-04	8.03E-02	2.90E-02	8.44E-02	0.00E+00	0.00E+00	2.37E-01	4.26E-07	3.39E-04	5.87E-04	0.00E+00	-3.30E-03	4.85E-11	2.46E-09	1.43E-03	7.90E-02	0.00E+00	0.00E+00	2.57E-01	4.39E-02	3.61E-01	0.00E+00	2.90E-09	1.77E-09	1.65E-04	1.06E-06	4.37E-02	0.00E+00	3.61E-01	-2.99E-07	3.61E-01	3.87E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH26623305C	8.06E-04	1.24E-01	3.00E-02	9.40E-02	0.00E+00	0.00E+00	4.47E-01	7.84E-07	5.09E-04	8.30E-04	0.00E+00	-3.32E-03	8.87E-11	5.47E-09	2.68E-03	1.59E-01	0.00E+00	0.00E+00	3.72E-01	4.49E-02	6.50E-01	0.00E+00	5.19E-09	2.72E-09	2.19E-04	1.10E-06	6.40E-02	0.00E+00	6.50E-01	-3.05E-07	6.50E-01	6.87E-01	6.40E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
WH26625300C	7.98E-04	1.24E-01	2.91E-02	9.20E-02	0.00E+00	0.00E+00	4.47E-01	7.91E-07	5.10E-04	8.15E-04	0.00E+00	-3.35E-03	8.94E-11	5.42E-09	2.68E-03	1.56E-01	0.00E+00	0.00E+00	3.67E-01	4.41E-02	6.51E-01	0.00E+00	5.13E-09	2.73E-09	2.13E-04	1.07E-06	6.39E-02	0.00E+00	6.51E-01	-3.07E-07	6.51E-01	6.74E-01	6.39E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
WH26625303C	4.59E-04	8.04E-02	2.92E-02	8.55E-02	0.00E+00	0.00E+00	2.38E-01	4.32E-07	3.30E-04	5.93E-04	0.00E+00	-3.39E-03	4.85E-11	2.39E-09	1.43E-03	7.89E-02	0.00E+00	0.00E+00	2.64E-01	4.45E-02	3.67E-01	0.00E+00	2.97E-09	1.81E-09	1.66E-04	1.07E-06	4.46E-02	0.00E+00	3.67E-01	-3.00E-07	3.67E-01	3.94E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.56E+00
WH26625304C	4.59E-04	8.04E-02	2.92E-02	8.55E-02	0.00E+00	0.00E+00	2.38E-01	4.32E-07	3.30E-04	5.93E-04	0.00E+00	-3.39E-03	4.85E-11	2.39E-09	1.43E-03	7.89E-02	0.00E+00	0.00E+00	2.64E-01	4.45E-02	3.67E-01	0.00E+00	2.97E-09	1.81E-09	1.66E-04	1.07E-06	4.46E-02	0.00E+00	3.67E-01	-3.00E-07	3.67E-01	3.94E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.56E+00
WH26625305C	4.59E-04	8.04E-02	2.92E-02	8.55E-02	0.00E+00	0.00E+00	2.38E-01	4.32E-07	3.30E-04	5.93E-04	0.00E+00	-3.39E-03	4.85E-11	2.39E-09	1.43E-03	7.89E-02	0.00E+00	0.00E+00	2.64E-01	4.45E-02	3.67E-01	0.00E+00	2.97E-09	1.81E-09	1.66E-04	1.07E-06	4.46E-02	0.00E+00	3.67E-01	-3.00E-07	3.67E-01	3.94E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.56E+00
WH26625307C	4.59E-04	8.04E-02	2.92E-02	8.55E-02	0.00E+00	0.00E+00	2.38E-01	4.32E-07	3.30E-04	5.93E-04	0.00E+00	-3.39E-03	4.85E-11	2.39E-09	1.43E-03	7.89E-02	0.00E+00	0.00E+00	2.64E-01	4.45E-02	3.67E-01	0.00E+00	2.97E-09	1.81E-09	1.66E-04	1.07E-06	4.46E-02	0.00E+00	3.67E-01	-3.00E-07	3.67E-01	3.94E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.56E+00
WH26625700C	8.09E-04	1.22E-01	2.90E-02	9.12E-02	0.00E+00	0.00E+00	4.40E-01	7.73E-07	5.22E-04	7.85E-04	0.00E+00	-3.34E-03	8.88E-11	5.56E-09	2.64E-03	1.56E-01	0.00E+00	0.00E+00	3.61E-01	4.41E-02	6.41E-01	0.00E+00	4.92E-09	2.73E-09	2.11E-04	1.07E-06	6.28E-02	0.00E+00	6.41E-01	-3.07E-07	6.41E-01	6.62E-01	6.28E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
WH26625709C	8.21E-04	1.22E-01	2.95E-02	9.15E-02	0.00E+00	0.00E+00	4.36E-01	7.64E-07	5.22E-04	7.88E-04	0.00E+00	-3.39E-03	8.87E-11	5.61E-09	2.65E-03	1.58E-01	0.00E+00	0.00E+00	3.67E-01	4.49E-02	6.40E-01	0.00E+00	4.94E-09	2.74E-09	2.12E-04	1.08E-06	6.34E-02	0.00E+00	6.40E-01	-3.05E-07	6.40E-01	6.69E-01	6.34E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
WH26640300C	1.09E-03	1.40E-01	2.99E-02	1.10E-01	0.00E+00	0.00E+00	5.53E-01	9.55E-07	6.99E-04	9.84E-04	0.00E+00	-3.34E-03	1.04E-10	7.43E-09	3.23E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	4.41E-02	7.38E-01	0.00E+00	6.12E-09	3.44E-09	2.83E-04	1.08E-06	8.19E-02	0.00E+00	7.38E-01	-3.01E-07	7.38E-01	8.20E-01	8.19E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH26640700C	1.14E-03	1.41E-01	3.01E-02	1.11E-01	0.00E+00	0.00E+00	5.78E-01	1.00E-06	7.39E-04	1.00E-03	0.00E+00	-3.34E-03	1.08E-10	7.87E-09	3.35E-03	2.14E-01	0.00E+00	0.00E+00	4.99E-01	4.41E-02	7.67E-01	0.00E+00	6.34E-09	3.58E-09	2.90E-04	1.08E-06	8.60E-02	0.00E+00	7.67E-01	-2.97E-07	7.67E-01	8.53E-01	8.60E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH26640703C	7.95E-04	8.09E-02	2.87E-02	9.67E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.96E-04	6.66E-04	0.00E+00	-3.31E-03	5.82E-11	6.49E-09	1.47E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	4.27E-02	3.87E-01	0.00E+00	3.06E-09	1.99E-09	1.90E-04	1.04E-06	5.02E-02	0.00E+00	3.87E-01	-2.90E-07	3.87E-01	4.34E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH26640704C	7.95E-04	8.09E-02	2.87E-02	9.67E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.96E-04	6.66E-04	0.00E+00	-3.31E-03	5.82E-11	6.49E-09	1.47E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	4.27E-02	3.87E-01	0.00E+00	3.06E-09	1.99E-09	1.90E-04	1.04E-06	5.02E-02	0.00E+00	3.87E-01	-2.90E-07	3.87E-01	4.34E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH26640705C	7.95E-04	8.09E-02	2.87E-02	9.67E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.96E-04	6.66E-04	0.00E+00	-3.31E-03	5.82E-11	6.49E-09	1.47E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	4.27E-02	3.87E-01	0.00E+00	3.06E-09	1.99E-09	1.90E-04	1.04E-06	5.02E-02	0.00E+00	3.87E-01	-2.90E-07	3.87E-01	4.34E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH26640707C	7.95E-04	8.09E-02	2.87E-02	9.67E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.96E-04	6.66E-04	0.00E+00	-3.31E-03	5.82E-11	6.49E-09	1.47E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	4.27E-02	3.87E-01	0.00E+00	3.06E-09	1.99E-09	1.90E-04	1.04E-06	5.02E-02	0.00E+00	3.87E-01	-2.90E-07	3.87E-01	4.34E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH26643305C	1.09E-03	1.41E-01	3.02E-02	1.11E-01	0.00E+00	0.00E+00	5.55E-01	9.67E-07	7.00E-04	9.93E-04	0.00E+00	-3.34E-03	9.73E-11	7.43E-09	3.27E-03	2.05E-01	0.00E+00	0.00E+00	4.77E-01	4.52E-02	7.21E-01	0.00E+00	6.23E-09	3.51E-09	2.85E-04	1.10E-06	8.20E-02	0.00E+00	7.21E-01	-3.01E-07	7.21E-01	8.36E-01	8.20E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH26645300C	9.68E-04	1.38E-01	2.97E-02	1.10E-01	0.00E+00	0.00E+00	5.47E-01	9.52E-07	6.72E-04	9.79E-04	0.00E+00	-3.41E-03	9.68E-11	6.23E-09	3.19E-03	1.86E-01	0.00E+00	0.00E+00	4.70E-01	4.42E-02	7.13E-01	0.00E+00	6.04E-09	3.45E-09	2.82E-04	1.09E-06	8.13E-02	0.00E+00	7.13E-01	-3.07E-07	7.13E-01	8.09E-01	8.13E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH26645303C	1.07E-03	1.39E-01	3.02E-02	1.10E-01	0.00E+00	0.00E+00	5.52E-01	9.56E-07	6.99E-04	9.82E-04	0.00E+00	-3.46E-03	9.69E-11	7.44E-09	3.22E-03	2.03E-01	0.00E+00	0.00E+00	4.73E-01	4.49E-02	7.14E-01	0.00E+00	6.08E-09	3.44E-09	2.82E-04	1.10E-06	8.20E-02	0.00E+00	7.14E-01	-3.05E-07	7.14E-01	8.16E-01	8.20E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH26645304C	1.07E-03	1.39E-01	3.02E-02	1.10E-01	0.00E+00	0.00E+00	5.52E-01	9.56E-07	6.99E-04	9.82E-04	0.00E+00	-3.46E-03	9.69E-11	7.44E-09	3.22E-03	2.03E-01	0.00E+00	0.00E+00	4.73E-01	4.49E-02	7.14E-01	0.00E+00	6.08E-09	3.44E-09	2.82E-04	1.10E-06	8.20E-02	0.00E+00	7.14E-01	-3.05E-07	7.14E-01	8.16E-01	8.20E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH26645305C	1.07E-03	1.39E-01	3.02E-02	1.10E-01	0.00E+00	0.00E+00	5.52E-01	9.56E-07	6.99E-04	9.82E-04	0.00E+00	-3.46E-03	9.69E-11	7.44E-09	3.22E-03	2.03E-01	0.00E+00	0.00E+00	4.73E-01	4.49E-02	7.14E-01	0.00E+00	6.08E-09	3.44E-09	2.82E-04	1.10E-06	8.20E-02	0.00E+00	7.14E-01	-3.05E-07	7.14E-01	8.16E-01	8.20E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH26645307C	1.07E-03	1.39E-01	3.02E-02	1.10E-01	0.00E+00	0.00E+00	5.52E-01	9.56E-07	6.99E-04	9.82E-04	0.00E+00	-3.46E-03	9.69E-11	7.44E-09	3.22E-03	2.03E-01	0.00E+00	0.00E+00	4.73E-01	4.49E-02	7.14E-01	0.00E+00	6.08E-09	3.44E-09	2.82E-04	1.10E-06	8.20E-02	0.00E+00	7.14E-01	-3.05E-07	7.14E-01	8.16E-01	8.20E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH26645700C	1.08E-03	1.39E-01	2.97E-02	1.10E-01	0.00E+00	0.00E+00	5.65E-01	9.90E-07	7.04E-04	9.87E-04	0.00E+00	-3.41E-03	9.72E-11	6.47E-09	3.27E-03	2.02E-01	0.00E+00	0.00E+00	4.92E-01	4.49E-02	7.21E-01	0.00E+00	6.23E-09	3.58E-09	2.85E-04	1.09E-06	8.45E-02	0.00E+00	7.21E-01	-3.14E-07	7.21E-01	8.36E-01	8.45E-02	0.00E+00	0.00E+00	0.00E+00	1.81E+01
WH26645704C	1.13E-03	1.40E-01	3.03E-02	1.11E-01	0.00E+00	0.00E+00	5.74E-01	9.96E-07	7.35E-04	9.88E-04	0.00E+00	-3.46E-03	9.73E-11	7.76E-09	3.31E-03	2.13E-01	0.00E+00	0.00E+00	4.96E-01	4.56E-02	7.22E-01	0.00E+00	6.28E-09	3.58E-09	2.85E-04	1.10E-06	8.56E-02	0.00E+00	7.22E-01	-3.13E-07	7.22E-01	8.47E-01	8.56E-02	0.00E+00	0.00E+00	0.00E+00	1.82E+01
WH26750100C	6.09E-04	3.91E-02	2.36E-02	4.91E-02	0.00E+00	0.00E+00	1.96E-01	5.41E-07	3.18E-04	4.41E-04	0.00E+00	-2.57E-03	3.46E-11	3.08E-09	1.65E-03	9.53E-02	0.00E+00	0.00E+00	1.79E-01	3.52E-02	5.79E-01	0.00E+00	4.66E-09	2.63E-09	1.28E-04	8.52E-07	3.53E-02	0.00E+00	5.79E-01	-1.82E-07	5.79E-01	6.24E-01	3.53E-02	0.00E+00	0.00E+00	0.00E+00	7.30E+00
WH26915600C	1.00E-03	2.26E-01	4.77E-02	1.38E-01	0.00E+00	0.00E+00	6.47E-01	1.07E-06	6.38E-04	1.15E-03	0.00E+00	-5.92E-03	1.13E-10	7.19E-09	4.07E-03	1.85E-01	0.00E+00	0.00E+00	4.51E-01	7.21E-02	9.20E-01	0.00E+00	8.35E-09	3.73E-09	3.47E-04	1.75E-06	8.71E-02	0.00E+00	9.20E-01	-4.68E-07	9.20E-01	1.01E+00	8.71E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH26915700C	2.09E-03	3.10E-01	4.90E-02	2.49E-01	0.00E+00	0.00E+00	1.18E+00	2.73E-06	7.41E-04	2.35E-03	0.00E+00	-6.63E-03	2.33E-10	8.61E-09	1.27E-02	4.64E-01	0.00E+00	0.00E+00	1.20E+00	7.54E-02	3.18E+00	0.00E+00	2.54E-08	1.18E-08	7.72E-04	1.80E-06	2.07E-01	0.00E+00	3.18E+00	-2.81E-07	3.18E+00	3.31E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	4.22E+01
WH26915800C	1.08E-03	2.29E-01	4.88E-02	1.70E-01	0.00E+00	0.00E+00	7.42E-01	1.44E-06	5.76E-04	1.38E-03	0.00E+00	-6.30E-03	1.18E-10	7.38E-09	5.21E-03	2.27E-01	0.00E+00	0.00E+00	5.50E-01	7.32E-02	1.08E+00	0.00E+00	9.73E-09	4.67E-09	4.00E-04	1.78E-06	9.84E-02	0.00E+00	1.08E+00	-3.99E-07	1.08E+00	1.21E+00	9.84E-02	0.00E+00	0.00E+00	0.00E+00	1.89E+01
WH26916300C	1.00E-03	2.26E-01	4.77E-02	1.38E-01	0.00E+00	0.00E+00	6.47E-01	1.07E-06	6.38E-04	1.15E-03	0.00E+00	-5.92E-03	1.13E-10	7.19E-09	4.07E-03	1.85E-01	0.00E+00	0.00E+00	4.51E-01	7.21E-02	9.20E-01	0.00E+00	8.35E-09	3.73E-09	3.47E-04	1.75E-06	8.71E-02	0.00E+00	9.20E-01	-4.68E-07	9.20E-01	1.01E+00	8.71E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH26917000C	1.08E-03	2.30E-01	4.82E-02	1.48E-01	0.00E+00	0.00E+00	6.66E-01	1.21E-06	6.46E-04	1.19E-03	0.00E+00	-6.13E-03	1.14E-10	7.54E-09	4.23E-03	1.96E-01	0.00E+00	0.00E+00	4.59E-01	7.42E-02	9.44E-01	0.00E+00	8.64E-09	3.83E-09	3.57E-04	1.78E-06	8.89E-02	0.00E+00	9.44E-01	-4.67E-07	9.44E-01	1.04E+00	8.89E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
WH26917805C	2.37E-03	3.69E-01	4.85E-02	2.82E-01	0.00E+00	0.00E+00	1.34E+00	3.50E-06	9.79E-04	2.75E-03	0.00E+00	-6.36E-03	2.60E-10	1.15E-08	1.36E-02	5.49E-01	5.05E-06	0.00E+00	1.29E+00	7.69E-02	3.50E+00	0.00E+00	2.89E-08	1.35E-08	8.47E-04	1.78E-06	2.53E-01	0.00E+00	3.50E+00	-2.17E-07	3.50E+00	3.66E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
WH27580300C	3.88E-04	8.62E-02	2.75E-02	5.87E-02	0.00E+00	0.00E+00	2.77E-01	5.13E-07	2.24E-04	5.12E-04	0.00E+00	-3.25E-03	4.97E-11	2.52E-09	1.76E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	4.29E-02	3.88E-01	0.00E+00	3.17E-09	1.60E-09	1.38E-04	1.04E-06	3.59E-02	0.00E+00	3.88E-01	-3.04E-07	3.88E-01	4.24E-01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	8.02E+00
WH27580303C	3.71E-04	4.14E-02	2.61E-02	3.79E-02	0.00E+00	0.00E+00	1.89E-01	4.11E-07	2.09E-04	3.56E-04	0.00E+00	-3.20E-03	3.29E-11	1.99E-09	1.24E-03	7.66E-02	0.00E+00	0.00E+00	1.68E-01	4.22E-02	3.47E-01	0.00E+00	2.55E-09	1.51E-09	9.49E-05	1.02E-06	3.09E-02	0.00E+00	3.47E-01	-2.94E-07	3.47E-01	3.59E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
WH27580304C	3.71E-04	4.14E-02	2.61E-02	3.79E-02	0.00E+00	0.00E+00	1.89E-01	4.11E-07	2.09E-04	3.56E-04	0.00E+00	-3.20E-03	3.29E-11	1.99E-09	1.24E-03	7.66E-02	0.00E+00	0.00E+00	1.68E-01	4.22E-02	3.47E-01	0.00E+00	2.55E-09	1.51E-09	9.49E-05	1.02E-06	3.09E-02	0.00E+00	3.47E-01	-2.94E-07	3.47E-01	3.59E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
WH27580305C	3.71E-04	4.14E-02	2.61E-02	3.79E-02	0.00E+00	0.00E+00	1.89E-01	4.11E-07	2.09E-04	3.56E-04	0.00E+00	-3.20E-03	3.29E-11	1.99E-09	1.24E-03	7.66E-02	0.00E+00	0.00E+00	1.68E-01	4.22E-02	3.47E-01	0.00E+00	2.55E-09	1.51E-09	9.49E-05	1.02E-06	3.09E-02	0.00E+00	3.47E-01	-2.94E-07	3.47E-01	3.59E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
WH27580306C	3.88E-04	8.62E-02	2.75E-02	5.87E-02	0.00E+00	0.00E+00	2.77E-01	5.13E-07	2.24E-04	5.12E-04	0.00E+00	-3.25E-03	4.97E-11	2.52E-09	1.76E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	4.29E-02	3.88E-01	0.00E+00	3.17E-09	1.60E-09	1.38E-04	1.04E-06	3.59E-02	0.00E+00	3.88E-01	-3.04E-07	3.88E-01	4.24E-01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	8.02E+00
WH27580307C	3.71E-04	4.14E-02	2.61E-02	3.79E-02	0.00E+00	0.00E+00	1.89E-01	4.11E-07	2.09E-04	3.56E-04	0.00E+00	-3.20E-03	3.29E-11	1.99E-09	1.24E-03	7.66E-02	0.00E+00	0.00E+00	1.68E-01	4.22E-02	3.47E-01	0.00E+00	2.55E-09	1.51E-09	9.49E-05	1.02E-06	3.09E-02	0.00E+00	3.47E-01	-2.94E-07	3.47E-01	3.59E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
WH27580309C	3.71E-04	4.14E-02	2.61E-02	3.79E-02	0.00E+00	0.00E+00	1.89E-01	4.11E-07	2.09E-04	3.56E-04	0.00E+00	-3.20E-03	3.29E-11	1.99E-09	1.24E-03	7.66E-02	0.00E+00	0.00E+00	1.68E-01	4.22E-02	3.47E-01	0.00E+00	2.55E-09	1.51E-09	9.49E-05	1.02E-06	3.09E-02	0.00E+00	3.47E-01	-2.94E-07	3.47E-01	3.59E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	6.38E+00
WH27583305C	5.47E-04	8.95E-02	2.75E-02	6.27E-02	0.00E+00	0.00E+00	3.63E-01	6.28E-07	2.88E-04	5.54E-04	0.00E+00	-3.25E-03	6.94E-11	3.33E-09	2.19E-03	1.43E-01	0.00E+00	0.00E+00	3.02E-01	4.36E-02	5.11E-01	0.00E+00	4.10E-09	2.64E-09	1.62E-04	1.05E-06	5.37E-02	0.00E+00	5.11E-01	-3.00E-07	5.11E-01	5.38E-01	5.37E-02	0.00E+00	0.00E+00	0.00E+00	1.19E+01
WH27583306C	4.01E-04	8.99E-02	2.83E-02	6.16E-02	0.00E+00	0.00E+00	3.02E-01	5.71E-07	2.27E-04	5.41E-04	0.00E+00	-3.34E-03	5.38E-11	2.58E-09	1.93E-03	9.13E-02	0.00E+00	0.00E+00	2.41E-01	4.41E-02	4.29E-01	0.00E+00	3.48E-09	1.75E-09	1.46E-04	1.07E-06	3.92E-02	0.00E+00	4.29E-01	-2.99E-07	4.29E-01	4.69E-01	3.92E-02	0.00E+00	0.00E+00	0.00E+00	8.71E+00
WH27583307C	5.47E-04	8.95E-02	2.75E-02	6.27E-02	0.00E+00	0.00E+00	3.63E-01	6.28E-07	2.88E-04	5.54E-04	0.00E+00	-3.25E-03	6.94E-11	3.33E-09	2.19E-03	1.43E-01	0.00E+00	0.00E+00	3.02E-01	4.36E-02	5.11E-01	0.00E+00	4.10E-09	2.64E-09	1.62E-04	1.05E-06	5.37E-02	0.00E+00	5.11E-01	-3.00E-07	5.11E-01	5.38E-01	5.37E-02	0.00E+00	0.00E+00	0.00E+00	1.19E+01
WH27585300C	3.88E-04	8.62E-02	2.75E-02	5.87E-02	0.00E+00	0.00E+00	2.77E-01	5.13E-07	2.24E-04	5.12E-04	0.00E+00	-3.25E-03	4.97E-11	2.52E-09	1.76E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	4.29E-02	3.88E-01	0.00E+00	3.17E-09	1.60E-09	1.38E-04	1.04E-06	3.59E-02	0.00E+00	3.88E-01	-3.04E-07	3.88E-01	4.24E-01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	8.02E+00
WH27585303C	3.87E-04	4.12E-02	2.64E-02	3.77E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.05E-04	3.56E-04	0.00E+00	-3.27E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	4.26E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	1.03E-06	3.20E-02	0.00E+00	3.49E-01	-2.89E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH27585304C	3.87E-04	4.12E-02	2.64E-02	3.77E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.05E-04	3.56E-04	0.00E+00	-3.27E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	4.26E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	1.03E-06	3.20E-02	0.00E+00	3.49E-01	-2.89E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH27585305C	3.87E-04	4.12E-02	2.64E-02	3.77E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.05E-04	3.56E-04	0.00E+00	-3.27E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	4.26E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	1.03E-06	3.20E-02	0.00E+00	3.49E-01	-2.89E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH27585306C	3.88E-04	8.62E-02	2.75E-02	5.87E-02	0.00E+00	0.00E+00	2.77E-01	5.13E-07	2.24E-04	5.12E-04	0.00E+00	-3.25E-03	4.97E-11	2.52E-09	1.76E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	4.29E-02	3.88E-01	0.00E+00	3.17E-09	1.60E-09	1.38E-04	1.04E-06	3.59E-02	0.00E+00	3.88E-01	-3.04E-07	3.88E-01	4.24E-01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	8.02E+00
WH27585307C	3.87E-04	4.12E-02	2.64E-02	3.77E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.05E-04	3.56E-04	0.00E+00	-3.27E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	4.26E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	1.03E-06	3.20E-02	0.00E+00	3.49E-01	-2.89E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH27585309C	3.87E-04	4.12E-02	2.64E-02	3.77E-02	0.00E+00	0.00E+00	1.89E-01	4.22E-07	2.05E-04	3.56E-04	0.00E+00	-3.27E-03	3.30E-11	2.18E-09	1.25E-03	7.72E-02	0.00E+00	0.00E+00	1.76E-01	4.26E-02	3.49E-01	0.00E+00	2.57E-09	1.54E-09	9.52E-05	1.03E-06	3.20E-02	0.00E+00	3.49E-01	-2.89E-07	3.49E-01	3.61E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH27585400C	4.70E-04	3.86E-02	2.45E-02	3.81E-02	0.00E+00	0.00E+00	1.92E-01	4.59E-07	2.85E-04	3.55E-04	0.00E+00	-2.71E-03	3.48E-11	2.79E-09	1.33E-03	8.27E-02	0.00E+00	0.00E+00	1.73E-01	3.67E-02	3.39E-01	0.00E+00	2.70E-09	1.82E-09	9.31E-05	8.56E-07	3.18E-02	0.00E+00	3.39E-01	-1.82E-07	3.39E-01	3.63E-01	3.18E-02	0.00E+00	0.00E+00	0.00E+00	6.71E+00
WH27585405C	4.69E-04	3.90E-02	2.48E-02	3.83E-02	0.00E+00	0.00E+00	1.92E-01	4.61E-07	2.42E-04	3.52E-04	0.00E+00	-2.76E-03	3.47E-11	2.51E-09	1.33E-03	8.11E-02	0.00E+00	0.00E+00	1.72E-01	3.73E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.31E-05	8.63E-07	3.25E-02	0.00E+00	3.38E-01	-1.84E-07	3.38E-01	3.62E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH27588306C	4.01E-04	8.99E-02	2.83E-02	6.16E-02	0.00E+00	0.00E+00	3.02E-01	5.71E-07	2.27E-04	5.41E-04	0.00E+00	-3.34E-03	5.38E-11	2.58E-09	1.93E-03	9.13E-02	0.00E+00	0.00E+00	2.41E-01	4.41E-02	4.29E-01	0.00E+00	3.48E-09	1.75E-09	1.46E-04	1.07E-06	3.92E-02	0.00E+00	4.29E-01	-2.99E-07	4.29E-01	4.69E-01	3.92E-02	0.00E+00	0.00E+00	0.00E+00	8.71E+00
WH27592200C	8.60E-04	1.24E-01	2.87E-02	9.44E-02	0.00E+00	0.00E+00	6.70E-01	1.30E-06	4.03E-04	8.21E-04	0.00E+00	-3.51E-03	9.56E-11	4.85E-09	3.60E-03	1.77E-01	0.00E+00	0.00E+00	4.60E-01	4.36E-02	7.38E-01	0.00E+00	6.25E-09	3.13E-09	2.16E-04	1.08E-06	7.59E-02	0.00E+00	7.38E-01	-2.55E-07	7.38E-01	8.47E-01	7.59E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH27592203C	5.17E-04	3.90E-02	2.68E-02	3.98E-02	0.00E+00	0.00E+00	1.92E-01	4.77E-07	2.43E-04	3.58E-04	0.00E+00	-3.16E-03	3.47E-11	2.40E-09	1.33E-03	8.17E-02	0.00E+00	0.00E+00	1.68E-01	4.16E-02	3.37E-01	0.00E+00	2.69E-09	1.81E-09	9.37E-05	1.01E-06	3.17E-02	0.00E+00	3.37E-01	-2.39E-07	3.37E-01	3.61E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.41E+00
WH27592204C	5.17E-04	3.90E-02	2.65E-02	3.98E-02	0.00E+00	0.00E+00	1.92E-01	4.77E-07	2.43E-04	3.58E-04	0.00E+00	-3.14E-03	3.47E-11	2.40E-09	1.33E-03	8.17E-02	0.00E+00	0.00E+00	1.68E-01	4.20E-02	3.37E-01	0.00E+00	2.69E-09	1.81E-09	9.37E-05	1.02E-06	3.17E-02	0.00E+00	3.37E-01	-2.39E-07	3.37E-01	3.61E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.41E+00
WH27592205C	5.17E-04	3.90E-02	2.68E-02	3.98E-02	0.00E+00	0.00E+00	1.92E-01	4.77E-07	2.43E-04	3.58E-04	0.00E+00	-3.16E-03	3.47E-11	2.40E-09	1.33E-03	8.17E-02	0.00E+00	0.00E+00	1.68E-01	4.16E-02	3.37E-01	0.00E+00	2.69E-09	1.81E-09	9.37E-05	1.01E-06	3.17E-02	0.00E+00	3.37E-01	-2.39E-07	3.37E-01	3.61E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.41E+00
WH27592209C	5.17E-04	3.90E-02	2.68E-02	3.98E-02	0.00E+00	0.00E+00	1.92E-01	4.77E-07	2.43E-04	3.58E-04	0.00E+00	-3.16E-03	3.47E-11	2.40E-09	1.33E-03	8.17E-02	0.00E+00	0.00E+00	1.68E-01	4.16E-02	3.37E-01	0.00E+00	2.69E-09	1.81E-09	9.37E-05	1.01E-06	3.17E-02	0.00E+00	3.37E-01	-2.39E-07	3.37E-01	3.61E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	6.41E+00
WH27593200C	2.37E-03	3.71E-01	3.75E-02	2.87E-01	0.00E+00	0.00E+00	1.35E+00	3.53E-06	9.81E-04	2.79E-03	0.00E+00	-4.60E-03	2.61E-10	1.15E-08	1.37E-02	5.53E-01	0.00E+00	0.00E+00	1.30E+00	5.22E-02	3.56E+00	0.00E+00	2.93E-08	1.39E-08	8.52E-04	1.23E-06	2.56E-01	0.00E+00	3.56E+00	-9.40E-08	3.56E+00	3.71E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
WH27593203C	2.37E-03	3.71E-01	3.75E-02	2.87E-01	0.00E+00	0.00E+00	1.35E+00	3.53E-06	9.81E-04	2.79E-03	0.00E+00	-4.60E-03	2.61E-10	1.15E-08	1.37E-02	5.53E-01	0.00E+00	0.00E+00	1.30E+00	5.22E-02	3.56E+00	0.00E+00	2.93E-08	1.39E-08	8.52E-04	1.23E-06	2.56E-01	0.00E+00	3.56E+00	-9.40E-08	3.56E+00	3.71E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
WH27593204C	2.37E-03	3.71E-01	3.73E-02	2.87E-01	0.00E+00	0.00E+00	1.35E+00	3.53E-06	9.81E-04	2.79E-03	0.00E+00	-4.58E-03	2.61E-10	1.15E-08	1.37E-02	5.53E-01	0.00E+00	0.00E+00	1.30E+00	5.22E-02	3.56E+00	0.00E+00	2.93E-08	1.39E-08	8.52E-04	1.23E-06	2.56E-01	0.00E+00	3.56E+00	-9.30E-08	3.56E+00	3.71E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
WH27593205C	2.37E-03	3.71E-01	3.75E-02	2.87E-01	0.00E+00	0.00E+00	1.35E+00	3.53E-06	9.81E-04	2.79E-03	0.00E+00	-4.60E-03	2.61E-10	1.15E-08	1.37E-02	5.53E-01	0.00E+00	0.00E+00	1.30E+00	5.22E-02	3.56E+00	0.00E+00	2.93E-08	1.39E-08	8.52E-04	1.23E-06	2.56E-01	0.00E+00	3.56E+00	-9.40E-08	3.56E+00	3.71E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
WH27593206C	7.97E-04	1.28E-01	2.97E-02	9.83E-02	0.00E+00	0.00E+00	4.30E-01	7.43E-07	4.96E-04	8.63E-04	0.00E+00	-3.40E-03	8.03E-11	5.27E-09	2.65E-03	1.55E-01	0.00E+00	0.00E+00	3.64E-01	4.48E-02	6.03E-01	0.00E+00	5.05E-09	2.75E-09	2.38E-04	1.09E-06	6.22E-02	0.00E+00	6.03E-01	-3.12E-07	6.03E-01	6.65E-01	6.22E-02	0.00E+00	0.00E+00	0.00E+00	1.33E+01
WH27595200C	8.22E-04	1.22E-01	2.79E-02	9.29E-02	0.00E+00	0.00E+00	6.79E-01	1.27E-06	3.92E-04	8.17E-04	0.00E+00	-3.20E-03	9.56E-11	4.45E-09	3.53E-03	1.71E-01	0.00E+00	0.00E+00	4.57E-01	4.31E-02	7.31E-01	0.00E+00	6.23E-09	3.10E-09	2.11E-04	1.05E-06	7.31E-02	0.00E+00	7.31E-01	-2.45E-07	7.31E-01	8.40E-01	7.31E-02	0.00E+00	0.00E+00	0.00E+00	1.73E+01
WH27595203C	5.22E-04	3.90E-02	2.72E-02	4.00E-02	0.00E+00	0.00E+00	1.92E-01	4.88E-07	2.44E-04	3.58E-04	0.00E+00	-3.26E-03	3.47E-11	2.56E-09	1.33E-03	8.15E-02	0.00E+00	0.00E+00	1.72E-01	4.20E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	1.02E-06	3.25E-02	0.00E+00	3.38E-01	-2.42E-07	3.38E-01	3.62E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH27595204C	5.22E-04	3.90E-02	2.72E-02	4.00E-02	0.00E+00	0.00E+00	1.92E-01	4.88E-07	2.44E-04	3.58E-04	0.00E+00	-3.26E-03	3.47E-11	2.56E-09	1.33E-03	8.15E-02	0.00E+00	0.00E+00	1.72E-01	4.20E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	1.02E-06	3.25E-02	0.00E+00	3.38E-01	-2.42E-07	3.38E-01	3.62E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH27595205C	5.22E-04	3.90E-02	2.72E-02	4.00E-02	0.00E+00	0.00E+00	1.92E-01	4.88E-07	2.44E-04	3.58E-04	0.00E+00	-3.26E-03	3.47E-11	2.56E-09	1.33E-03	8.15E-02	0.00E+00	0.00E+00	1.72E-01	4.20E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	1.02E-06	3.25E-02	0.00E+00	3.38E-01	-2.42E-07	3.38E-01	3.62E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH27595207C	5.22E-04	3.90E-02	2.72E-02	4.00E-02	0.00E+00	0.00E+00	1.92E-01	4.88E-07	2.44E-04	3.58E-04	0.00E+00	-3.26E-03	3.47E-11	2.56E-09	1.33E-03	8.15E-02	0.00E+00	0.00E+00	1.72E-01	4.20E-02	3.38E-01	0.00E+00	2.71E-09	1.83E-09	9.37E-05	1.02E-06	3.25E-02	0.00E+00	3.38E-01	-2.42E-07	3.38E-01	3.62E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	6.53E+00
WH27596203C	2.37E-03	3.68E-01	3.71E-02	2.89E-01	0.00E+00	0.00E+00	1.34E+00	3.49E-06	9.89E-04	2.80E-03	0.00E+00	-4.43E-03	2.61E-10	1.14E-08	1.44E-02	5.41E-01	0.00E+00	0.00E+00	1.30E+00	5.21E-02	3.57E+00	0.00E+00	2.92E-08	1.39E-08	8.54E-04	1.21E-06	2.57E-01	0.00E+00	3.57E+00	-9.07E-08	3.57E+00	3.75E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
WH27596204C	2.37E-03	3.68E-01	3.71E-02	2.89E-01	0.00E+00	0.00E+00	1.34E+00	3.49E-06	9.89E-04	2.80E-03	0.00E+00	-4.43E-03	2.61E-10	1.14E-08	1.44E-02	5.41E-01	0.00E+00	0.00E+00	1.30E+00	5.21E-02	3.57E+00	0.00E+00	2.92E-08	1.39E-08	8.54E-04	1.21E-06	2.57E-01	0.00E+00	3.57E+00	-9.07E-08	3.57E+00	3.75E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
WH27596205C	2.37E-03	3.68E-01	3.71E-02	2.89E-01	0.00E+00	0.00E+00	1.34E+00	3.49E-06	9.89E-04	2.80E-03	0.00E+00	-4.43E-03	2.61E-10	1.14E-08	1.44E-02	5.41E-01	0.00E+00	0.00E+00	1.30E+00	5.21E-02	3.57E+00	0.00E+00	2.92E-08	1.39E-08	8.54E-04	1.21E-06	2.57E-01	0.00E+00	3.57E+00	-9.07E-08	3.57E+00	3.75E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
WH27596206C	7.97E-04	1.28E-01	2.97E-02	9.83E-02	0.00E+00	0.00E+00	4.30E-01	7.43E-07	4.96E-04	8.63E-04	0.00E+00	-3.40E-03	8.03E-11	5.27E-09	2.65E-03	1.55E-01	0.00E+00	0.00E+00	3.64E-01	4.48E-02	6.03E-01	0.00E+00	5.05E-09	2.75E-09	2.38E-04	1.09E-06	6.22E-02	0.00E+00	6.03E-01	-3.12E-07	6.03E-01	6.65E-01	6.22E-02	0.00E+00	0.00E+00	0.00E+00	1.33E+01
WH27620300C	8.09E-04	1.23E-01	3.07E-02	9.26E-02	0.00E+00	0.00E+00	4.37E-01	7.57E-07	5.11E-04	8.18E-04	0.00E+00	-3.52E-03	8.13E-11	5.47E-09	2.61E-03	1.55E-01	0.00E+00	0.00E+00	3.69E-01	4.64E-02	5.89E-01	0.00E+00	4.89E-09	2.68E-09	2.29E-04	1.13E-06	6.25E-02	0.00E+00	5.89E-01	-3.33E-07	5.89E-01	6.51E-01	6.25E-02	0.00E+00	0.00E+00	0.00E+00	1.35E+01
WH27620303C	4.47E-04	8.04E-02	2.89E-02	8.51E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.30E-04	5.93E-04	0.00E+00	-3.34E-03	4.85E-11	2.25E-09	1.43E-03	7.85E-02	0.00E+00	0.00E+00	2.57E-01	4.42E-02	3.66E-01	0.00E+00	2.95E-09	1.77E-09	1.65E-04	1.07E-06	4.35E-02	0.00E+00	3.66E-01	-3.03E-07	3.66E-01	3.91E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH27620304C	4.47E-04	8.04E-02	2.89E-02	8.51E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.30E-04	5.93E-04	0.00E+00	-3.34E-03	4.85E-11	2.25E-09	1.43E-03	7.85E-02	0.00E+00	0.00E+00	2.57E-01	4.42E-02	3.66E-01	0.00E+00	2.95E-09	1.77E-09	1.65E-04	1.07E-06	4.35E-02	0.00E+00	3.66E-01	-3.03E-07	3.66E-01	3.91E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH27620305C	4.47E-04	8.04E-02	2.89E-02	8.51E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.30E-04	5.93E-04	0.00E+00	-3.34E-03	4.85E-11	2.25E-09	1.43E-03	7.85E-02	0.00E+00	0.00E+00	2.57E-01	4.42E-02	3.66E-01	0.00E+00	2.95E-09	1.77E-09	1.65E-04	1.07E-06	4.35E-02	0.00E+00	3.66E-01	-3.03E-07	3.66E-01	3.91E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH27620306C	7.72E-04	1.15E-01	3.03E-02	8.51E-02	0.00E+00	0.00E+00	3.21E-01	5.24E-07	5.04E-04	7.41E-04	0.00E+00	-3.52E-03	6.20E-11	5.22E-09	2.00E-03	1.35E-01	0.00E+00	0.00E+00	2.91E-01	4.64E-02	4.62E-01	0.00E+00	3.96E-09	2.27E-09	2.07E-04	1.13E-06	4.93E-02	0.00E+00	4.62E-01	-3.62E-07	4.62E-01	5.11E-01	4.93E-02	0.00E+00	0.00E+00	0.00E+00	1.07E+01
WH27620307C	4.47E-04	8.04E-02	2.89E-02	8.51E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.30E-04	5.93E-04	0.00E+00	-3.34E-03	4.85E-11	2.25E-09	1.43E-03	7.85E-02	0.00E+00	0.00E+00	2.57E-01	4.42E-02	3.66E-01	0.00E+00	2.95E-09	1.77E-09	1.65E-04	1.07E-06	4.35E-02	0.00E+00	3.66E-01	-3.03E-07	3.66E-01	3.91E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH27620309C	4.47E-04	8.04E-02	2.89E-02	8.51E-02	0.00E+00	0.00E+00	2.37E-01	4.20E-07	3.30E-04	5.93E-04	0.00E+00	-3.34E-03	4.85E-11	2.25E-09	1.43E-03	7.85E-02	0.00E+00	0.00E+00	2.57E-01	4.42E-02	3.66E-01	0.00E+00	2.95E-09	1.77E-09	1.65E-04	1.07E-06	4.35E-02	0.00E+00	3.66E-01	-3.03E-07	3.66E-01	3.91E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH27620700C	8.69E-04	1.25E-01	3.08E-02	9.41E-02	0.00E+00	0.00E+00	4.63E-01	8.06E-07	5.53E-04	8.37E-04	0.00E+00	-3.52E-03	8.61E-11	5.92E-09	2.74E-03	1.66E-01	0.00E+00	0.00E+00	3.93E-01	4.64E-02	6.20E-01	0.00E+00	5.13E-09	2.83E-09	2.37E-04	1.13E-06	6.67E-02	0.00E+00	6.20E-01	-3.29E-07	6.20E-01	6.86E-01	6.67E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH27620703C	4.48E-04	8.03E-02	2.90E-02	8.44E-02	0.00E+00	0.00E+00	2.37E-01	4.26E-07	3.39E-04	5.87E-04	0.00E+00	-3.34E-03	4.85E-11	2.46E-09	1.43E-03	7.90E-02	0.00E+00	0.00E+00	2.57E-01	4.42E-02	3.61E-01	0.00E+00	2.90E-09	1.77E-09	1.65E-04	1.07E-06	4.37E-02	0.00E+00	3.61E-01	-3.04E-07	3.61E-01	3.87E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH27620704C	4.48E-04	8.03E-02	2.90E-02	8.44E-02	0.00E+00	0.00E+00	2.37E-01	4.26E-07	3.39E-04	5.87E-04	0.00E+00	-3.34E-03	4.85E-11	2.46E-09	1.43E-03	7.90E-02	0.00E+00	0.00E+00	2.57E-01	4.42E-02	3.61E-01	0.00E+00	2.90E-09	1.77E-09	1.65E-04	1.07E-06	4.37E-02	0.00E+00	3.61E-01	-3.04E-07	3.61E-01	3.87E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH27620705C	4.48E-04	8.03E-02	2.90E-02	8.44E-02	0.00E+00	0.00E+00	2.37E-01	4.26E-07	3.39E-04	5.87E-04	0.00E+00	-3.34E-03	4.85E-11	2.46E-09	1.43E-03	7.90E-02	0.00E+00	0.00E+00	2.57E-01	4.42E-02	3.61E-01	0.00E+00	2.90E-09	1.77E-09	1.65E-04	1.07E-06	4.37E-02	0.00E+00	3.61E-01	-3.04E-07	3.61E-01	3.87E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.37E+00
WH27623300C	8.29E-04	1.25E-01	3.02E-02	9.51E-02	0.00E+00	0.00E+00	4.90E-01	9.56E-07	5.15E-04	8.36E-04	0.00E+00	-3.71E-03	9.53E-11	5.57E-09	2.77E-03	1.67E-01	0.00E+00	0.00E+00	3.79E-01	4.60E-02	6.67E-01	0.00E+00	5.32E-09	2.82E-09	2.23E-04	1.15E-06	6.91E-02	0.00E+00	6.67E-01	-3.36E-07	6.67E-01	7.10E-01	6.91E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
WH27623303C	8.11E-04	1.25E-01	3.01E-02	9.42E-02	0.00E+00	0.00E+00	4.73E-01	8.12E-07	5.11E-04	8.33E-04	0.00E+00	-3.37E-03	9.54E-11	5.48E-09	2.78E-03	1.60E-01	0.00E+00	0.00E+00	3.75E-01	4.57E-02	6.61E-01	0.00E+00	5.29E-09	2.77E-09	2.21E-04	1.11E-06	6.58E-02	0.00E+00	6.61E-01	-3.14E-07	6.61E-01	6.98E-01	6.58E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01

WH27623305C	8.11E-04	1.25E-01	3.01E-02	9.42E-02	0.00E+00	0.00E+00	4.73E-01	8.12E-07	5.11E-04	8.33E-04	0.00E+00	-3.37E-03	9.54E-11	5.48E-09	2.78E-03	1.60E-01	0.00E+00	0.00E+00	3.75E-01	4.57E-02	6.61E-01	0.00E+00	5.29E-09	2.77E-09	2.21E-04	1.11E-06	6.58E-02	0.00E+00	6.61E-01	-3.14E-07	6.61E-01	6.98E-01	6.58E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
WH27623306C	8.17E-04	1.26E-01	3.14E-02	9.45E-02	0.00E+00	0.00E+00	4.41E-01	7.76E-07	5.12E-04	8.37E-04	0.00E+00	-3.60E-03	8.19E-11	5.48E-09	2.69E-03	1.58E-01	0.00E+00	0.00E+00	3.75E-01	4.75E-02	6.12E-01	0.00E+00	5.08E-09	2.77E-09	2.35E-04	1.16E-06	6.36E-02	0.00E+00	6.12E-01	-3.30E-07	6.12E-01	6.76E-01	6.36E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
WH27625300C	8.08E-04	1.21E-01	2.95E-02	9.19E-02	0.00E+00	0.00E+00	4.36E-01	7.57E-07	5.10E-04	8.13E-04	0.00E+00	-3.37E-03	8.12E-11	5.46E-09	2.61E-03	1.55E-01	0.00E+00	0.00E+00	3.69E-01	4.45E-02	5.88E-01	0.00E+00	4.89E-09	2.68E-09	2.28E-04	1.08E-06	6.27E-02	0.00E+00	5.88E-01	-3.16E-07	5.88E-01	6.51E-01	6.27E-02	0.00E+00	0.00E+00	0.00E+00	1.35E+01
WH27625303C	4.59E-04	8.04E-02	2.93E-02	8.55E-02	0.00E+00	0.00E+00	2.38E-01	4.32E-07	3.30E-04	5.93E-04	0.00E+00	-3.43E-03	4.85E-11	2.39E-09	1.43E-03	7.89E-02	0.00E+00	0.00E+00	2.64E-01	4.49E-02	3.67E-01	0.00E+00	2.97E-09	1.81E-09	1.66E-04	1.08E-06	4.46E-02	0.00E+00	3.67E-01	-3.04E-07	3.67E-01	3.94E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.56E+00
WH27625304C	4.59E-04	8.04E-02	2.93E-02	8.55E-02	0.00E+00	0.00E+00	2.38E-01	4.32E-07	3.30E-04	5.93E-04	0.00E+00	-3.43E-03	4.85E-11	2.39E-09	1.43E-03	7.89E-02	0.00E+00	0.00E+00	2.64E-01	4.49E-02	3.67E-01	0.00E+00	2.97E-09	1.81E-09	1.66E-04	1.08E-06	4.46E-02	0.00E+00	3.67E-01	-3.04E-07	3.67E-01	3.94E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.56E+00
WH27625305C	4.59E-04	8.04E-02	2.93E-02	8.55E-02	0.00E+00	0.00E+00	2.38E-01	4.32E-07	3.30E-04	5.93E-04	0.00E+00	-3.43E-03	4.85E-11	2.39E-09	1.43E-03	7.89E-02	0.00E+00	0.00E+00	2.64E-01	4.49E-02	3.67E-01	0.00E+00	2.97E-09	1.81E-09	1.66E-04	1.08E-06	4.46E-02	0.00E+00	3.67E-01	-3.04E-07	3.67E-01	3.94E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.56E+00
WH27625306C	8.08E-04	1.21E-01	2.95E-02	9.19E-02	0.00E+00	0.00E+00	4.36E-01	7.57E-07	5.10E-04	8.13E-04	0.00E+00	-3.37E-03	8.12E-11	5.46E-09	2.61E-03	1.55E-01	0.00E+00	0.00E+00	3.69E-01	4.45E-02	5.88E-01	0.00E+00	4.89E-09	2.68E-09	2.28E-04	1.08E-06	6.27E-02	0.00E+00	5.88E-01	-3.16E-07	5.88E-01	6.51E-01	6.27E-02	0.00E+00	0.00E+00	0.00E+00	1.35E+01
WH27625307C	4.59E-04	8.04E-02	2.93E-02	8.55E-02	0.00E+00	0.00E+00	2.38E-01	4.32E-07	3.30E-04	5.93E-04	0.00E+00	-3.43E-03	4.85E-11	2.39E-09	1.43E-03	7.89E-02	0.00E+00	0.00E+00	2.64E-01	4.49E-02	3.67E-01	0.00E+00	2.97E-09	1.81E-09	1.66E-04	1.08E-06	4.46E-02	0.00E+00	3.67E-01	-3.04E-07	3.67E-01	3.94E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.56E+00
WH27625309C	4.59E-04	8.04E-02	2.93E-02	8.55E-02	0.00E+00	0.00E+00	2.38E-01	4.32E-07	3.30E-04	5.93E-04	0.00E+00	-3.43E-03	4.85E-11	2.39E-09	1.43E-03	7.89E-02	0.00E+00	0.00E+00	2.64E-01	4.49E-02	3.67E-01	0.00E+00	2.97E-09	1.81E-09	1.66E-04	1.08E-06	4.46E-02	0.00E+00	3.67E-01	-3.04E-07	3.67E-01	3.94E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	9.56E+00
WH27625700C	8.06E-04	1.23E-01	2.91E-02	9.17E-02	0.00E+00	0.00E+00	4.46E-01	8.01E-07	5.24E-04	7.88E-04	0.00E+00	-3.39E-03	8.88E-11	5.59E-09	2.67E-03	1.57E-01	0.00E+00	0.00E+00	3.68E-01	4.44E-02	6.46E-01	0.00E+00	5.08E-09	2.75E-09	2.12E-04	1.07E-06	6.44E-02	0.00E+00	6.46E-01	-3.13E-07	6.46E-01	6.76E-01	6.44E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
WH27625704C	8.20E-04	1.23E-01	2.96E-02	9.20E-02	0.00E+00	0.00E+00	4.45E-01	7.95E-07	5.24E-04	7.91E-04	0.00E+00	-3.44E-03	8.87E-11	5.64E-09	2.69E-03	1.60E-01	0.00E+00	0.00E+00	3.72E-01	4.52E-02	6.45E-01	0.00E+00	5.10E-09	2.76E-09	2.12E-04	1.08E-06	6.47E-02	0.00E+00	6.45E-01	-3.11E-07	6.45E-01	6.84E-01	6.47E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
WH27625705C	8.20E-04	1.23E-01	2.96E-02	9.20E-02	0.00E+00	0.00E+00	4.45E-01	7.95E-07	5.24E-04	7.91E-04	0.00E+00	-3.44E-03	8.87E-11	5.64E-09	2.69E-03	1.60E-01	0.00E+00	0.00E+00	3.72E-01	4.52E-02	6.45E-01	0.00E+00	5.10E-09	2.76E-09	2.12E-04	1.08E-06	6.47E-02	0.00E+00	6.45E-01	-3.11E-07	6.45E-01	6.84E-01	6.47E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
WH27628306C	8.17E-04	1.24E-01	3.02E-02	9.38E-02	0.00E+00	0.00E+00	4.41E-01	7.76E-07	5.12E-04	8.32E-04	0.00E+00	-3.45E-03	8.18E-11	5.47E-09	2.68E-03	1.58E-01	0.00E+00	0.00E+00	3.75E-01	4.56E-02	6.12E-01	0.00E+00	5.08E-09	2.78E-09	2.34E-04	1.11E-06	6.38E-02	0.00E+00	6.12E-01	-3.13E-07	6.12E-01	6.76E-01	6.38E-02	0.00E+00	0.00E+00	0.00E+00	1.37E+01
WH27640300C	1.09E-03	1.42E-01	3.13E-02	1.10E-01	0.00E+00	0.00E+00	5.54E-01	9.55E-07	6.99E-04	9.90E-04	0.00E+00	-3.51E-03	1.04E-10	7.44E-09	3.23E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	4.63E-02	7.38E-01	0.00E+00	6.12E-09	3.44E-09	2.84E-04	1.13E-06	8.17E-02	0.00E+00	7.38E-01	-3.20E-07	7.38E-01	8.20E-01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH27640303C	7.95E-04	8.08E-02	2.86E-02	9.66E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.64E-04	6.64E-04	0.00E+00	-3.34E-03	5.81E-11	6.26E-09	1.47E-03	9.48E-02	0.00E+00	0.00E+00	2.83E-01	4.24E-02	3.88E-01	0.00E+00	3.06E-09	1.97E-09	1.90E-04	1.03E-06	4.99E-02	0.00E+00	3.88E-01	-2.88E-07	3.88E-01	4.35E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH27640304C	7.95E-04	8.08E-02	2.86E-02	9.66E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.64E-04	6.64E-04	0.00E+00	-3.34E-03	5.81E-11	6.26E-09	1.47E-03	9.48E-02	0.00E+00	0.00E+00	2.83E-01	4.24E-02	3.88E-01	0.00E+00	3.06E-09	1.97E-09	1.90E-04	1.03E-06	4.99E-02	0.00E+00	3.88E-01	-2.88E-07	3.88E-01	4.35E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH27640305C	1.09E-03	1.42E-01	3.13E-02	1.10E-01	0.00E+00	0.00E+00	5.54E-01	9.55E-07	6.99E-04	9.90E-04	0.00E+00	-3.51E-03	1.04E-10	7.44E-09	3.23E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	4.63E-02	7.38E-01	0.00E+00	6.12E-09	3.44E-09	2.84E-04	1.13E-06	8.17E-02	0.00E+00	7.38E-01	-3.20E-07	7.38E-01	8.20E-01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH27640306C	1.08E-03	1.36E-01	2.77E-02	1.08E-01	0.00E+00	0.00E+00	5.53E-01	9.56E-07	6.98E-04	9.75E-04	0.00E+00	-3.06E-03	1.03E-10	7.42E-09	3.22E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	4.04E-02	7.37E-01	0.00E+00	6.11E-09	3.44E-09	2.81E-04	9.87E-07	8.23E-02	0.00E+00	7.37E-01	-2.69E-07	7.37E-01	8.20E-01	8.23E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH27640307C	7.95E-04	8.08E-02	2.86E-02	9.66E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.64E-04	6.64E-04	0.00E+00	-3.34E-03	5.81E-11	6.26E-09	1.47E-03	9.48E-02	0.00E+00	0.00E+00	2.83E-01	4.24E-02	3.88E-01	0.00E+00	3.06E-09	1.97E-09	1.90E-04	1.03E-06	4.99E-02	0.00E+00	3.88E-01	-2.88E-07	3.88E-01	4.35E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH27640309C	7.95E-04	8.08E-02	2.86E-02	9.66E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.64E-04	6.64E-04	0.00E+00	-3.34E-03	5.81E-11	6.26E-09	1.47E-03	9.48E-02	0.00E+00	0.00E+00	2.83E-01	4.24E-02	3.88E-01	0.00E+00	3.06E-09	1.97E-09	1.90E-04	1.03E-06	4.99E-02	0.00E+00	3.88E-01	-2.88E-07	3.88E-01	4.35E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH27640700C	1.14E-03	1.43E-01	3.14E-02	1.12E-01	0.00E+00	0.00E+00	5.79E-01	1.00E-06	7.39E-04	1.01E-03	0.00E+00	-3.51E-03	1.08E-10	7.88E-09	3.35E-03	2.14E-01	0.00E+00	0.00E+00	4.99E-01	4.63E-02	7.68E-01	0.00E+00	6.34E-09	3.58E-09	2.92E-04	1.13E-06	8.58E-02	0.00E+00	7.68E-01	-3.17E-07	7.68E-01	8.53E-01	8.58E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH27640703C	7.97E-04	8.09E-02	2.86E-02	9.67E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.96E-04	6.66E-04	0.00E+00	-3.34E-03	5.82E-11	6.49E-09	1.47E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	4.28E-02	3.87E-01	0.00E+00	3.06E-09	1.99E-09	1.90E-04	1.04E-06	5.02E-02	0.00E+00	3.87E-01	-2.91E-07	3.87E-01	4.34E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH27640704C	7.97E-04	8.09E-02	2.86E-02	9.67E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.96E-04	6.66E-04	0.00E+00	-3.34E-03	5.82E-11	6.49E-09	1.47E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	4.28E-02	3.87E-01	0.00E+00	3.06E-09	1.99E-09	1.90E-04	1.04E-06	5.02E-02	0.00E+00	3.87E-01	-2.91E-07	3.87E-01	4.34E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH27640705C	1.14E-03	1.43E-01	3.14E-02	1.12E-01	0.00E+00	0.00E+00	5.79E-01	1.00E-06	7.39E-04	1.01E-03	0.00E+00	-3.51E-03	1.08E-10	7.88E-09	3.35E-03	2.14E-01	0.00E+00	0.00E+00	4.99E-01	4.63E-02	7.68E-01	0.00E+00	6.34E-09	3.58E-09	2.92E-04	1.13E-06	8.58E-02	0.00E+00	7.68E-01	-3.17E-07	7.68E-01	8.53E-01	8.58E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH27640707C	7.97E-04	8.09E-02	2.86E-02	9.67E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.96E-04	6.66E-04	0.00E+00	-3.34E-03	5.82E-11	6.49E-09	1.47E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	4.28E-02	3.87E-01	0.00E+00	3.06E-09	1.99E-09	1.90E-04	1.04E-06	5.02E-02	0.00E+00	3.87E-01	-2.91E-07	3.87E-01	4.34E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH27640709C	7.97E-04	8.09E-02	2.86E-02	9.67E-02	0.00E+00	0.00E+00	2.96E-01	4.84E-07	6.96E-04	6.66E-04	0.00E+00	-3.34E-03	5.82E-11	6.49E-09	1.47E-03	9.43E-02	0.00E+00	0.00E+00	2.84E-01	4.28E-02	3.87E-01	0.00E+00	3.06E-09	1.99E-09	1.90E-04	1.04E-06	5.02E-02	0.00E+00	3.87E-01	-2.91E-07	3.87E-01	4.34E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH27643300C	1.05E-03	1.43E-01	3.13E-02	1.12E-01	0.00E+00	0.00E+00	5.58E-01	1.06E-06	6.75E-04	1.01E-03	0.00E+00	-3.72E-03	9.70E-11	6.23E-09	3.29E-03	2.07E-01	0.00E+00	0.00E+00	4.82E-01	4.65E-02	7.27E-01	0.00E+00	6.32E-09	3.54E-09	2.89E-04	1.17E-06	8.37E-02	0.00E+00	7.27E-01	-3.34E-07	7.27E-01	8.45E-01	8.37E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
WH27643304C	1.09E-03	1.42E-01	3.12E-02	1.12E-01	0.00E+00	0.00E+00	5.57E-01	9.71E-07	7.02E-04	1.00E-03	0.00E+00	-3.38E-03	9.72E-11	7.43E-09	3.30E-03	2.06E-01	0.00E+00	0.00E+00	4.82E-01	4.62E-02	7.23E-01	0.00E+00	6.31E-09	3.52E-09	2.87E-04	1.13E-06	8.21E-02	0.00E+00	7.23E-01	-3.13E-07	7.23E-01	8.41E-01	8.21E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
WH27643305C	1.09E-03	1.42E-01	3.12E-02	1.12E-01	0.00E+00	0.00E+00	5.57E-01	9.71E-07	7.02E-04	1.00E-03	0.00E+00	-3.38E-03	9.72E-11	7.43E-09	3.30E-03	2.06E-01	0.00E+00	0.00E+00	4.82E-01	4.62E-02	7.23E-01	0.00E+00	6.31E-09	3.52E-09	2.87E-04	1.13E-06	8.21E-02	0.00E+00	7.23E-01	-3.13E-07	7.23E-01	8.41E-01	8.21E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
WH27643306C	1.10E-03	1.44E-01	3.20E-02	1.12E-01	0.00E+00	0.00E+00	5.58E-01	9.75E-07	7.01E-04	1.01E-03	0.00E+00	-3.59E-03	1.04E-10	7.45E-09	3.31E-03	2.06E-01	0.00E+00	0.00E+00	4.82E-01	4.74E-02	7.62E-01	0.00E+00	6.31E-09	3.53E-09	2.90E-04	1.16E-06	8.29E-02	0.00E+00	7.62E-01	-3.18E-07	7.62E-01	8.44E-01	8.29E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
WH27645300C	1.09E-03	1.41E-01	3.11E-02	1.10E-01	0.00E+00	0.00E+00	5.54E-01	9.55E-07	6.99E-04	9.89E-04	0.00E+00	-3.48E-03	1.04E-10	7.44E-09	3.23E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	4.60E-02	7.38E-01	0.00E+00	6.12E-09	3.44E-09	2.84E-04	1.12E-06	8.18E-02	0.00E+00	7.38E-01	-3.17E-07	7.38E-01	8.20E-01	8.18E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH27645303C	1.09E-03	1.41E-01	3.10E-02	1.10E-01	0.00E+00	0.00E+00	5.53E-01	9.55E-07	6.99E-04	9.87E-04	0.00E+00	-3.45E-03	9.73E-11	7.44E-09	3.24E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	4.58E-02	7.18E-01	0.00E+00	6.14E-09	3.44E-09	2.83E-04	1.12E-06	8.20E-02	0.00E+00	7.18E-01	-3.10E-07	7.18E-01	8.21E-01	8.20E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH27645304C	1.09E-03	1.41E-01	3.10E-02	1.10E-01	0.00E+00	0.00E+00	5.53E-01	9.55E-07	6.99E-04	9.87E-04	0.00E+00	-3.45E-03	9.73E-11	7.44E-09	3.24E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	4.58E-02	7.18E-01	0.00E+00	6.14E-09	3.44E-09	2.83E-04	1.12E-06	8.20E-02	0.00E+00	7.18E-01	-3.10E-07	7.18E-01	8.21E-01	8.20E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH27645305C	1.09E-03	1.41E-01	3.11E-02	1.10E-01	0.00E+00	0.00E+00	5.54E-01	9.55E-07	6.99E-04	9.89E-04	0.00E+00	-3.48E-03	1.04E-10	7.44E-09	3.23E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	4.60E-02	7.38E-01	0.00E+00	6.12E-09	3.44E-09	2.84E-04	1.12E-06	8.18E-02	0.00E+00	7.38E-01	-3.17E-07	7.38E-01	8.20E-01	8.18E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH27645306C	1.09E-03	1.41E-01	3.07E-02	1.10E-01	0.00E+00	0.00E+00	5.53E-01	9.56E-07	6.99E-04	9.87E-04	0.00E+00	-3.43E-03	1.04E-10	7.44E-09	3.23E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	4.53E-02	7.38E-01	0.00E+00	6.12E-09	3.44E-09	2.83E-04	1.10E-06	8.18E-02	0.00E+00	7.38E-01	-3.11E-07	7.38E-01	8.20E-01	8.18E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH27645307C	1.09E-03	1.41E-01	3.10E-02	1.10E-01	0.00E+00	0.00E+00	5.53E-01	9.55E-07	6.99E-04	9.87E-04	0.00E+00	-3.45E-03	9.73E-11	7.44E-09	3.24E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	4.58E-02	7.18E-01	0.00E+00	6.14E-09	3.44E-09	2.83E-04	1.12E-06	8.20E-02	0.00E+00	7.18E-01	-3.10E-07	7.18E-01	8.21E-01	8.20E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH27645309C	1.09E-03	1.41E-01	3.10E-02	1.10E-01	0.00E+00	0.00E+00	5.53E-01	9.55E-07	6.99E-04	9.87E-04	0.00E+00	-3.45E-03	9.73E-11	7.44E-09	3.24E-03	2.04E-01	0.00E+00	0.00E+00	4.76E-01	4.58E-02	7.18E-01	0.00E+00	6.14E-09	3.44E-09	2.83E-04	1.12E-06	8.20E-02	0.00E+00	7.18E-01	-3.10E-07	7.18E-01	8.21E-01	8.20E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH27645700C	1.08E-03	1.41E-01	3.06E-02	1.11E-01	0.00E+00	0.00E+00	5.68E-01	9.97E-07	7.06E-04	9.98E-04	0.00E+00	-3.39E-03	9.72E-11	6.47E-09	3.26E-03	2.04E-01	0.00E+00	0.00E+00	4.98E-01	4.54E-02	7.22E-01	0.00E+00	6.29E-09	3.58E-09	2.87E-04	1.11E-06	8.48E-02	0.00E+00	7.22E-01	-3.12E-07	7.22E-01	8.41E-01	8.48E-02	0.00E+00	0.00E+00	0.00E+00	1.82E+01
WH27645705C	1.14E-03	1.42E-01	3.12E-02	1.11E-01	0.00E+00	0.00E+00	5.77E-01	1.00E-06	7.37E-04	1.00E-03	0.00E+00	-3.45E-03	9.73E-11	7.77E-09	3.33E-03	2.13E-01	0.00E+00	0.00E+00	5.00E-01	4.61E-02	7.23E-01	0.00E+00	6.34E-09	3.58E-09	2.87E-04	1.12E-06	8.55E-02	0.00E+00	7.23E-01	-3.12E-07	7.23E-01	8.51E-01	8.55E-02	0.00E+00	0.00E+00	0.00E+00	1.82E+01
WH27648300C	1.04E-03	1.42E-01	3.09E-02	1.12E-01	0.00E+00	0.00E+00	5.53E-01	9.69E-07	6.75E-04	1.00E-03	0.00E+00	-3.39E-03	9.72E-11	6.24E-09	3.24E-03	1.97E-01	0.00E+00	0.00E+00	4.80E-01	4.59E-02	7.22E-01	0.00E+00	6.28E-09	3.52E-09	2.86E-04	1.13E-06	8.24E-02	0.00E+00	7.22E-01	-3.11E-07	7.22E-01	8.33E-01	8.24E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
WH27648304C	1.10E-03	1.43E-01	3.15E-02	1.12E-01	0.00E+00	0.00E+00	5.58E-01	9.72E-07	7.02E-04	1.00E-03	0.00E+00	-3.46E-03	9.72E-11	7.45E-09	3.30E-03	2.06E-01	0.00E+00	0.00E+00	4.82E-01	4.67E-02	7.23E-01	0.00E+00	6.31E-09	3.51E-09	2.87E-04	1.14E-06	8.29E-02	0.00E+00	7.23E-01	-3.11E-07	7.23E-01	8.42E-01	8.29E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
WH27648306C	1.10E-03	1.43E-01	3.14E-02	1.12E-01	0.00E+00	0.00E+00	5.58E-01	9.75E-07	7.01E-04	1.01E-03	0.00E+00	-3.51E-03	1.04E-10	7.45E-09	3.31E-03	2.06E-01	0.00E+00	0.00E+00	4.82E-01	4.64E-02	7.61E-01	0.00E+00	6.31E-09	3.53E-09	2.89E-04	1.13E-06	8.29E-02	0.00E+00	7.61E-01	-3.09E-07	7.61E-01	8.44E-01	8.29E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
WH27750100C	6.08E-04	3.91E-02	2.36E-02	4.91E-02	0.00E+00	0.00E+00	1.96E-01	5.41E-07	3.18E-04	4.41E-04	0.00E+00	-2.56E-03	3.46E-11	3.08E-09	1.65E-03	9.53E-02	0.00E+00	0.00E+00	1.79E-01	3.50E-02	5.79E-01	0.00E+00	4.66E-09	2.63E-09	1.28E-04	8.50E-07	3.53E-02	0.00E+00	5.79E-01	-1.82E-07	5.79E-01	6.24E-01	3.53E-02	0.00E+00	0.00E+00	0.00E+00	7.30E+00
WH27750105C	6.08E-04	3.91E-02	2.36E-02	4.91E-02	0.00E+00	0.00E+00	1.96E-01	5.41E-07	3.18E-04	4.41E-04	0.00E+00	-2.56E-03	3.46E-11	3.08E-09	1.65E-03	9.53E-02	0.00E+00	0.00E+00	1.79E-01	3.50E-02	5.79E-01	0.00E+00	4.66E-09	2.63E-09	1.28E-04	8.50E-07	3.53E-02	0.00E+00	5.79E-01	-1.82E-07	5.79E-01	6.24E-01	3.53E-02	0.00E+00	0.00E+00	0.00E+00	7.30E+00
WH27750205C	6.08E-04	3.91E-02	2.36E-02	4.91E-02	0.00E+00	0.00E+00	1.96E-01	5.42E-07	3.18E-04	4.41E-04	0.00E+00	-2.56E-03	3.46E-11	3.08E-09	1.65E-03	9.64E-02	0.00E+00	0.00E+00	1.79E-01	3.50E-02	5.79E-01	0.00E+00	4.66E-09	2.64E-09	1.28E-04	8.50E-07	3.53E-02	0.00E+00	5.79E-01	-1.82E-07	5.79E-01	6.24E-01	3.53E-02	0.00E+00	0.00E+00	0.00E+00	7.30E+00
WH27915600C	7.66E-04	1.57E-01	4.59E-02	1.11E-01	0.00E+00	0.00E+00	5.40E-01	1.00E-06	4.44E-04	9.78E-04	0.00E+00	-5.38E-03	9.70E-11	4.96E-09	3.41E-03	1.69E-01	0.00E+00	0.00E+00	4.35E-01	7.10E-02	7.61E-01	0.00E+00	6.21E-09	3.17E-09	2.65E-04	1.73E-06	7.17E-02	0.00E+00	7.61E-01	-4.80E-07	7.61E-01	8.33E-01	7.17E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
WH27915605C	1.00E-03	2.26E-01	4.75E-02	1.38E-01	0.00E+00	0.00E+00	6.47E-01	1.07E-06	6.38E-04	1.15E-03	0.00E+00	-5.91E-03	1.13E-10	7.19E-09	4.07E-03	1.85E-01	0.00E+00	0.00E+00	4.55E-01	7.19E-02	9.31E-01	0.00E+00	8.42E-09	3.73E-09	3.47E-04	1.74E-06	8.71E-02	0.00E+00	9.31E-01	-4.68E-07	9.31E-01	1.02E+00	8.71E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH27915700C	2.09E-03	3.10E-01	4.90E-02	2.49E-01	0.00E+00	0.00E+00	1.18E+00	2.73E-06	7.41E-04	2.35E-03	0.00E+00	-6.63E-03	2.33E-10	8.61E-09	1.27E-02	4.64E-01	0.00E+00	0.00E+00	1.20E+00	7.54E-02	3.18E+00	0.00E+00	2.54E-08	1.18E-08	7.72E-04	1.80E-06	2.07E-01	0.00E+00	3.18E+00	-2.81E-07	3.18E+00	3.31E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	4.22E+01
WH27915705C	2.09E-03	3.18E-01	5.04E-02	2.49E-01	0.00E+00	0.00E+00	1.14E+00	2.52E-06	8.12E-04	2.39E-03	0.00E+00	-6.20E-03	2.30E-10	9.15E-09	1.23E-02	4.33E-01	0.00E+00	0.00E+00	1.20E+00	7.82E-02	3.00E+00	0.00E+00	2.33E-08	1.23E-08	7.65E-04	1.88E-06	1.82E-01	0.00E+00	3.00E+00	-2.81E-07	3.00E+00	3.06E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	3.88E+01
WH27915800C	1.08E-03	2.29E-01	4.88E-02	1.70E-01	0.00E+00	0.00E+00	7.42E-01	1.44E-06	5.76E-04	1.38E-03	0.00E+00	-6.30E-03	1.18E-10	7.38E-09	5.21E-03	2.27E-01	0.00E+00	0.00E+00	5.50E-01	7.32E-02	1.08E+00	0.00E+00	9.73E-09	4.67E-09	4.00E-04	1.78E-06	9.84E-02	0.00E+00	1.08E+00	-3.99E-07	1.08E+00	1.21E+00	9.84E-02	0.00E+00	0.00E+00	0.00E+00	1.89E+01
WH27915805C	5.64E-04	2.42E-01	5.01E-02	1.61E-01	0.00E+00	0.00E+00	7.44E-01	8.35E-07	5.52E-04	1.24E-03	0.00E+00	-5.98E-03	1.17E-10	5.80E-09	4.28E-03	1.30E-01	0.00E+00	0.00E+00	2.39E-01	7.60E-02	7.73E-01	0.00E+00	7.40E-09	3.50E-09	3.14E-04	1.87E-06	6.11E-02	0.00E+00	7.73E-01	-3.97E-07	7.73E-01	8.72E-01	6.11E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
WH27916200C	2.03E-03	3.03E-01	4.64E-02	2.48E-01	0.00E+00	0.00E+00	1.13E+00	2.51E-06	7.40E-04	2.36E-03	0.00E+00	-6.12E-03	2.27E-10	7.39E-09	1.29E-02	4.59E-01	0.00E+00	0.00E+00	1.19E+00	6.88E-02	3.15E+00	0.00E+00	2.55E-08	1.16E-08	7.68E-04	1.66E-06	2.08E-01	0.00E+00	3.15E+00	-2.65E-07	3.15E+00	3.30E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	4.20E+01
WH27916205C	2.03E-03	3.03E-01	4.64E-02	2.48E-01	0.00E+00	0.00E+00	1.13E+00	2.51E-06	7.40E-04	2.36E-03	0.00E+00	-6.12E-03	2.27E-10	7.39E-09	1.29E-02	4.59E-01	0.00E+00	0.00E+00	1.19E+00	6.88E-02	3.15E+00	0.00E+00	2.55E-08	1.16E-08	7.68E-04	1.66E-06	2.08E-01	0.00E+00	3.15E+00	-2.65E-07	3.15E+00	3.30E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	4.20E+01
WH27916300C	1.00E-03	2.26E-01	4.75E-02	1.38E-01	0.00E+00	0.00E+00	6.47E-01	1.07E-06	6.38E-04	1.15E-03	0.00E+00	-5.91E-03	1.13E-10	7.19E-09	4.07E-03	1.85E-01	0.00E+00	0.00E+00	4.55E-01	7.19E-02	9.31E-01	0.00E+00	8.42E-09	3.73E-09	3.47E-04	1.74E-06	8.71E-02	0.00E+00	9.31E-01	-4.68E-07	9.31E-01	1.02E+00	8.71E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH27916304C	1.00E-03	2.26E-01	4.75E-02	1.38E-01	0.00E+00	0.00E+00	6.47E-01	1.07E-06	6.38E-04	1.15E-03	0.00E+00	-5.91E-03	1.13E-10	7.19E-09	4.07E-03	1.85E-01	0.00E+00	0.00E+00	4.55E-01	7.19E-02	9.31E-01	0.00E+00	8.42E-09	3.73E-09	3.47E-04	1.74E-06	8.71E-02	0.00E+00	9.31E-01	-4.68E-07	9.31E-01	1.02E+00	8.71E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH27916305C	1.00E-03	2.26E-01	4.75E-02	1.38E-01	0.00E+00	0.00E+00	6.47E-01	1.07E-06	6.38E-04	1.15E-03	0.00E+00	-5.91E-03	1.13E-10	7.19E-09	4.07E-03	1.85E-01	0.00E+00	0.00E+00	4.55E-01	7.19E-02	9.31E-01	0.00E+00	8.42E-09	3.73E-09	3.47E-04	1.74E-06	8.71E-02	0.00E+00	9.31E-01	-4.68E-07	9.31E-01	1.02E+00	8.71E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH27917000C	1.08E-03	2.30E-01	4.82E-02	1.48E-01	0.00E+00	0.00E+00	6.66E-01	1.21E-06	6.46E-04	1.19E-03	0.00E+00	-6.13E-03	1.14E-10	7.54E-09	4.23E-03	1.96E-01	0.00E+00	0.00E+00	4.59E-01	7.28E-02	9.44E-01	0.00E+00	8.64E-09	3.83E-09	3.57E-04	1.78E-06	8.89E-02	0.00E+00	9.44E-01	-4.67E-07	9.44E-01	1.04E+00	8.89E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
WH27917003C	5.49E-04	2.43E-01	4.95E-02	1.34E-01	0.00E+00	0.00E+00	6.69E-01	6.99E-07	6.06E-04	1.00E-03	0.00E+00	-5.82E-03	1.13E-10	5.92E-09	3.08E-03	9.40E-02	0.00E+00	0.00E+00	1.76E-01	7.64E-02	6.41E-01	0.00E+00	5.97E-09	2.51E-09	2.70E-04	1.86E-06	5.10E-02	0.00E+00	6.41E-01	-4.64E-07	6.41E-01	6.96E-01	5.10E-02	0.00E+00	0.00E+00	0.00E+00	9.87E+00
WH27917005C	5.49E-04	2.43E-01	4.95E-02	1.34E-01	0.00E+00	0.00E+00	6.69E-01	6.99E-07	6.06E-04	1.00E-03	0.00E+00	-5.82E-03	1.13E-10	5.92E-09	3.08E-03	9.40E-02	0.00E+00	0.00E+00	1.76E-01	7.64E-02	6.41E-01	0.00E+00	5.97E-09	2.51E-09	2.70E-04	1.86E-06	5.10E-02	0.00E+00	6.41E-01	-4.64E-07	6.41E-01	6.96E-01	5.10E-02	0.00E+00	0.00E+00	0.00E+00	9.87E+00
WH27917700C	2.37E-03	3.69E-01	4.85E-02	2.82E-01	0.00E+00	0.00E+00	1.34E+00	3.50E-06	9.79E-04	2.75E-03	0.00E+00	-6.36E-03	2.60E-10	1.15E-08	1.36E-02	5.49E-01	5.05E-06	0.00E+00	1.29E+00	7.69E-02	3.50E+00	0.00E+00	2.89E-08	1.35E-08	8.47E-04	1.78E-06	2.53E-01	0.00E+00	3.50E+00	-2.17E-07	3.50E+00	3.66E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
WH27917705C	2.37E-03	3.69E-01	4.85E-02	2.82E-01	0.00E+00	0.00E+00	1.34E+00	3.50E-06	9.79E-04	2.75E-03	0.00E+00	-6.36E-03	2.60E-10	1.15E-08	1.36E-02	5.49E-01	5.05E-06	0.00E+00	1.29E+00	7.69E-02	3.50E+00	0.00E+00	2.89E-08	1.35E-08	8.47E-04	1.78E-06	2.53E-01	0.00E+00	3.50E+00	-2.17E-07	3.50E+00	3.66E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
WH27917800C	2.36E-03	3.66E-01	4.81E-02	2.84E-01	0.00E+00	0.00E+00	1.32E+00	3.45E-06	9.87E-04	2.76E-03	0.00E+00	-6.20E-03	2.61E-10	1.13E-08	1.42E-02	5.38E-01	5.05E-06	0.00E+00	1.30E+00	7.69E-02	3.52E+00	0.00E+00	2.89E-08	1.35E-08	8.50E-04	1.76E-06	2.54E-01	0.00E+00	3.52E+00	-2.24E-07	3.52E+00	3.69E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
WH27917804C	2.36E-03	3.66E-01	4.81E-02	2.84E-01	0.00E+00	0.00E+00	1.32E+00	3.45E-06	9.87E-04	2.76E-03	0.00E+00	-6.20E-03	2.61E-10	1.13E-08	1.42E-02	5.38E-01	5.05E-06	0.00E+00	1.30E+00	7.69E-02	3.52E+00	0.00E+00	2.89E-08	1.35E-08	8.50E-04	1.76E-06	2.54E-01	0.00E+00	3.52E+00	-2.24E-07	3.52E+00	3.69E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
WH27917805C	2.36E-03	3.66E-01	4.81E-02	2.84E-01	0.00E+00	0.00E+00	1.32E+00	3.45E-06	9.87E-04	2.76E-03	0.00E+00	-6.20E-03	2.61E-10	1.13E-08	1.42E-02	5.38E-01	5.05E-06	0.00E+00	1.30E+00	7.69E-02	3.52E+00	0.00E+00	2.89E-08	1.35E-08	8.50E-04	1.76E-06	2.54E-01	0.00E+00	3.52E+00	-2.24E-07	3.52E+00	3.69E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
WH3358025F	2.96E-04	4.43E-02	1.07E-03	4.32E-02	0.00E+00	0.00E+00	2.10E-01	4.84E-07	1.34E-04	4.28E-04	0.00E+00	-7.06E-07	3.60E-11	1.49E-09	1.77E-03	7.75E-02	0.00E+00	0.00E+00	1.95E-01	1.47E-05	4.66E-01	0.00E+00	3.79E-09	1.89E-09	1.24E-04	4.03E-09	3.57E-02	0.00E+00	4.66E-01	1.56E-07	4.66E-01	5.02E-01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	7.03E+00
WH36580300A	3.64E-04	1.49E-01	1.08E-02	1.38E-01	0.00E+00	0.00E+00	3.07E-01	5.19E-07	1.18E-04	1.14E-03	0.00E+00	-1.13E-03	5.82E-11	9.84E-10	2.83E-03	1.07E-01	0.00E+00	0.00E+00	2.47E-01	1.49E-02	6.75E-01	0.00E+00	6.04E-09	2.88E-09	2.77E-04	3.70E-07	4.80E-02	0.00E+00	6.75E-01	2.35E-08	6.75E-01	7.23E-01	4.80E-02	0.00E+00	0.00E+00	0.00E+00	8.48E+00
WH36580300C	4.24E-04	1.69E-01	1.31E-02	1.56E-01	0.00E+00	0.00E+00	3.70E-01	5.07E-07	1.33E-04	1.30E-03	0.00E+00	-1.36E-03	6.69E-11	1.09E-09	8.08E-03	2.31E-01	0.00E+00	0.00E+00	2.75E-01	1.80E-02	9.35E-01	0.00E+00	7.48E-09	3.61E-09	3.20E-04	4.47E-07	5.97E-02	0.00E+00	9.35E-01	7.49E-09	9.35E-01	9.95E-01	5.97E-02	0.00E+00	0.00E+00	0.00E+00	9.40E+00
WH36580300Q	7.79E-04	3.57E-01	1.22E-02	3.44E-01	0.00E+00	0.00E+00	4.35E-01	5.23E-07	2.55E-04	2.76E-03	0.00E+00	-1.13E-03	9.35E-11	1.38E-09	5.30E-03	2.08E-01	0.00E+00	0.00E+00	3.76E-01	1.49E-02	1.29E+00	0.00E+00	1.24E-08	6.00E-09	6.50E-04	3.81E-07	8.29E-02	0.00E+00	1.29E+00	1.17E-07	1.29E+00	1.38E+00	8.29E-02	0.00E+00	0.00E+00	0.00E+00	1.25E+01
WH36580303A	3.52E-04	1.43E-01	1.07E-02	1.33E-01	0.00E+00	0.00E+00	3.03E-01	5.19E-07	1.14E-04	1.10E-03	0.00E+00	-1.13E-03	5.72E-11	9.72E-10	2.76E-03	1.05E-01	0.00E+00	0.00E+00	2.43E-01	1.49E-02	6.57E-01	0.00E+00	5.86E-09	2.79E-09	2.66E-04	3.69E-07	4.70E-02	0.00E+00	6.57E-01	2.09E-08	6.57E-01	7.04E-01	4.70E-02	0.00E+00	0.00E+00	0.00E+00	8.36E+00
WH36580303C	6.41E-04	1.67E-01	1.17E-02	1.55E-01	0.00E+00	0.00E+00	4.11E-01	5.86E-07	2.94E-04	1.32E-03	0.00E+00	-1.14E-03	7.53E-11	2.75E-09	8.25E-03	2.62E-01	0.00E+00	0.00E+00	3.31E-01	1.51E-02	9.95E-01	0.00E+00	7.92E-09	4.00E-09	3.39E-04	3.77E-07	6.97E-02	0.00E+00	9.95E-01	3.69E-08	9.95E-01	1.06E+00	6.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E+01
WH36580303Q	9.63E-04	2.54E-01	1.27E-02	2.41E-01	0.00E+00	0.00E+00	6.26E-01	1.92E-06	2.22E-04	2.31E-03	0.00E+00	-1.13E-03	9.94E-11	1.73E-09	8.17E-03	3.01E-01	0.00E+00	0.00E+00	7.19E-01	1.49E-02	2.38E+00	0.00E+00	1.95E-08	9.43E-09	6.43E-04	3.80E-07	1.35E-01	0.00E+00	2.38E+00	8.95E-07	2.38E+00	2.52E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.57E+01
WH36580305A	6.74E-04	1.12E-01	9.63E-03	1.03E-01	0.00E+00	0.00E+00	4.33E-01	1.17E-06	2.71E-04	1.05E-03	0.00E+00	-9.11E-04	7.08E-11	2.80E-09	4.46E-03	1.81E-01	0.00E+00	0.00E+00	4.52E-01	1.20E-02	1.22E+00	0.00E+00	9.78E-09	4.81E-09	3.09E-04	3.00E-07	8.17E-02	0.00E+00	1.22E+00	3.78E-07	1.22E+00	1.31E+00	8.17E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
WH36580305C	4.00E-04	1.61E-01	1.31E-02	1.48E-01	0.00E+00	0.00E+00	3.60E-01	4.60E-07	1.28E-04	1.24E-03	0.00E+00	-1.36E-03	6.59E-11	1.07E-09	8.08E-03	2.26E-01	0.00E+00	0.00E+00	2.64E-01	1.80E-02	8.98E-01	0.00E+00	7.19E-09	3.40E-09	3.04E-04	4.47E-07	5.77E-02	0.00E+00	8.98E-01	-1.81E-08	8.98E-01	9.56E-01	5.77E-02	0.00E+00	0.00E+00	0.00E+00	8.81E+00
WH36580305Q	4.83E-04	4.15E-02	7.72E-03	7.37E-02	0.00E+00	0.00E+00	1.87E-01	6.09E-07	2.02E-04	4.84E-04	0.00E+00	-1.06E-03	3.38E-11	1.87E-09	1.79E-03	1.77E-01	0.00E+00	0.00E+00	1.87E-01	1.17E-02	4.74E-01	0.00E+00	3.48E-09	3.61E-09	1.24E-04	3.09E-07	4.13E-02	0.00E+00	4.74E-01	3.00E-07	4.74E-01	5.05E-01	4.13E-02	0.00E+00	0.00E+00	0.00E+00	6.30E+00
WH36580349A	4.70E-04	4.15E-02	7.70E-03	6.95E-02	0.00E+00	0.00E+00	1.87E-01	5.11E-07	2.04E-04	4.37E-04	0.00E+00	-1.06E-03	3.38E-11	1.84E-09	1.75E-03	1.66E-01	0.00E+00	0.00E+00	1.87E-01	1.18E-02	4.46E-01	0.00E+00	3.31E-09	2.57E-09	1.16E-04	3.09E-07	3.77E-02	0.00E+00	4.46E-01	6.35E-08	4.46E-01	4.89E-01	3.77E-02	0.00E+00	0.00E+00	0.00E+00	6.30E+00
WH36580349C	7.45E-04	1.33E-01	1.20E-02	1.21E-01	0.00E+00	0.00E+00	5.01E-01	1.20E-06	2.87E-04	1.22E-03	0.00E+00	-1.14E-03	7.95E-11	2.92E-09	9.63E-03	3.07E-01	0.00E+00	0.00E+00	4.89E-01	1.51E-02	1.50E+00	0.00E+00	1.13E-08	5.67E-09	3.57E-04	3.77E-07	9.43E-02	0.00E+00	1.50E+00	3.85E-07	1.50E+00	1.60E+00	9.43E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WH36580349Q	4.79E-04	4.15E-02	7.72E-03	7.37E-02	0.00E+00	0.00E+00	1.87E-01	6.07E-07	2.02E-04	4.79E-04	0.00E+00	-1.06E-03	3.38E-11	1.87E-09	1.79E-03	1.77E-01	0.00E+00	0.00E+00	1.87E-01	1.17E-02	4.74E-01	0.00E+00	3.48E-09	3.60E-09	1.23E-04	3.09E-07	4.12E-02	0.00E+00	4.74E-01	2.99E-07	4.74E-01	5.01E-01	4.12E-02	0.00E+00	0.00E+00	0.00E+00	6.30E+00
WH36582300A	3.97E-04	4.07E-02	2.05E-03	3.75E-02	0.00E+00	0.00E+00	1.79E-01	3.77E-07	2.62E-04	3.48E-04	0.00E+00	-2.12E-04	3.33E-11	2.41E-09	1.21E-03	8.96E-02	0.00E+00	0.00E+00	1.68E-01	3.32E-04	3.40E-01	0.00E+00	2.57E-09	1.52E-09	9.47E-05	1.50E-08	3.00E-02	0.00E+00	3.40E-01	3.67E-08	3.40E-01	3.61E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	6.16E+00
WH36582300C	4.33E-04	4.12E-02	2.20E-03	5.04E-02	0.00E+00	0.00E+00	2.00E-01	4.59E-07	2.69E-04	3.69E-04	0.00E+00	-2.12E-04	3.36E-11	2.58E-09	2.76E-03	9.35E-02	0.00E+00	0.00E+00	1.81E-01	3.32E-04	3.45E-01	0.00E+00	2.62E-09	1.68E-09	1.01E-04	1.45E-08	3.15E-02	0.00E+00	3.45E-01	3.61E-08	3.45E-01	3.64E-01	3.15E-02	0.00E+00	0.00E+00	0.00E+00	6.55E+00
WH36582300Q	4.75E-04	4.08E-02	2.15E-03	6.76E-02	0.00E+00	0.00E+00	1.90E-01	4.58E-07	2.73E-04	4.60E-04	0.00E+00	-2.32E-04	3.35E-11	2.58E-09	1.26E-03	1.31E-01	0.00E+00	0.00E+00	1.81E-01	9.40E-04	3.69E-01	0.00E+00	2.75E-09	1.91E-09	1.11E-04	2.46E-08	3.20E-02	0.00E+00	3.69E-01	2.53E-07	3.69E-01	3.86E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.22E+00
WH36582303A	3.96E-04	4.12E-02	1.93E-03	3.76E-02	0.00E+00	0.00E+00	1.77E-01	3.87E-07	2.21E-04	3.48E-04	0.00E+00	-2.12E-04	3.31E-11	2.12E-09	1.21E-03	8.80E-02	0.00E+00	0.00E+00	1.66E-01	1.79E-04	3.30E-01	0.00E+00	2.53E-09	1.54E-09	9.48E-05	7.37E-09	3.08E-02	0.00E+00	3.30E-01	4.69E-08	3.30E-01	3.51E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	6.14E+00
WH36582303C	4.33E-04	4.19E-02	2.10E-03	5.05E-02	0.00E+00	0.00E+00	1.99E-01	4.72E-07	2.28E-04	3.68E-04	0.00E+00	-2.12E-04	3.35E-11	2.29E-09	2.75E-03	9.24E-02	0.00E+00	0.00E+00	1.82E-01	1.79E-04	3.35E-01	0.00E+00	2.59E-09	1.70E-09	1.01E-04	6.93E-09	3.24E-02	0.00E+00	3.35E-01	4.58E-08	3.35E-01	3.52E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	6.57E+00
WH36582303Q	4.71E-04	4.12E-02	2.03E-03	6.91E-02	0.00E+00	0.00E+00	1.88E-01	4.65E-07	2.28E-04	4.59E-04	0.00E+00	-2.32E-04	3.33E-11	2.30E-09	1.25E-03	1.30E-01	0.00E+00	0.00E+00	1.79E-01	7.87E-04	3.60E-01	0.00E+00	2.71E-09	1.93E-09	1.11E-04	1.65E-08	3.29E-02	0.00E+00	3.60E-01	2.42E-07	3.60E-01	3.77E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	6.20E+00
WH36582305A	3.96E-04	4.12E-02	1.93E-03	3.76E-02	0.00E+00	0.00E+00	1.77E-01	3.87E-07	2.21E-04	3.48E-04	0.00E+00	-2.12E-04	3.31E-11	2.12E-09	1.21E-03	8.80E-02	0.00E+00	0.00E+00	1.66E-01	1.79E-04	3.30E-01	0.00E+00	2.53E-09	1.54E-09	9.48E-05	7.37E-09	3.08E-02	0.00E+00	3.30E-01	4.69E-08	3.30E-01	3.51E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	6.14E+00
WH36582305C	4.33E-04	4.19E-02	2.10E-03	5.05E-02	0.00E+00	0.00E+00	1.99E-01	4.72E-07	2.28E-04	3.68E-04	0.00E+00	-2.12E-04	3.35E-11	2.29E-09	2.75E-03	9.24E-02	0.00E+00	0.00E+00	1.82E-01	1.79E-04	3.35E-01	0.00E+00	2.59E-09	1.70E-09	1.01E-04	6.93E-09	3.24E-02	0.00E+00	3.35E-01	4.58E-08	3.35E-01	3.52E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	6.57E+00

WH36582305Q	4.71E-04	4.12E-02	2.03E-03	6.91E-02	0.00E+00	0.00E+00	1.88E-01	4.65E-07	2.28E-04	4.59E-04	0.00E+00	-2.32E-04	3.33E-11	2.30E-09	1.25E-03	1.30E-01	0.00E+00	0.00E+00	1.79E-01	7.87E-04	3.60E-01	0.00E+00	2.71E-09	1.93E-09	1.11E-04	1.65E-08	3.29E-02	0.00E+00	3.60E-01	2.42E-07	3.60E-01	3.77E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	6.20E+00
WH36582349C	1.10E-03	2.61E-01	2.04E-02	2.03E-01	0.00E+00	0.00E+00	6.63E-01	1.20E-06	6.75E-04	1.77E-03	0.00E+00	-5.01E-04	1.18E-10	7.21E-09	6.35E-03	2.72E-01	5.05E-06	0.00E+00	7.13E-01	1.52E-02	1.50E+00	0.00E+00	1.28E-08	6.08E-09	5.22E-04	6.04E-07	1.24E-01	0.00E+00	1.50E+00	5.70E-07	1.50E+00	1.59E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.27E+01
WH36583300A	9.98E-04	1.66E-01	6.35E-03	1.60E-01	0.00E+00	0.00E+00	6.30E-01	1.97E-06	3.28E-04	1.69E-03	0.00E+00	-3.71E-04	9.70E-11	3.23E-09	7.19E-03	2.86E-01	0.00E+00	0.00E+00	7.16E-01	4.91E-03	2.13E+00	0.00E+00	1.68E-08	8.32E-09	5.07E-04	1.32E-07	1.30E-01	0.00E+00	2.13E+00	9.00E-07	2.13E+00	2.26E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
WH36583300C	1.06E-03	1.86E-01	9.13E-03	1.77E-01	0.00E+00	0.00E+00	6.77E-01	1.93E-06	3.43E-04	1.85E-03	0.00E+00	-6.60E-04	1.03E-10	3.31E-09	1.24E-02	4.09E-01	0.00E+00	0.00E+00	7.37E-01	8.72E-03	2.39E+00	0.00E+00	1.83E-08	9.08E-09	5.52E-04	2.27E-07	1.41E-01	0.00E+00	2.39E+00	8.84E-07	2.39E+00	2.53E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
WH36583300Q	2.19E-03	3.83E-01	2.09E-02	3.43E-01	0.00E+00	0.00E+00	1.16E+00	2.93E-06	7.94E-04	3.48E-03	0.00E+00	-8.69E-04	2.26E-10	8.37E-09	1.33E-02	5.28E-01	0.00E+00	0.00E+00	1.24E+00	1.06E-02	3.73E+00	0.00E+00	2.90E-08	1.37E-08	9.91E-04	6.08E-07	2.43E-01	0.00E+00	3.73E+00	7.43E-07	3.73E+00	3.86E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.39E+01
WH36583303A	9.20E-04	1.66E-01	9.41E-03	1.51E-01	0.00E+00	0.00E+00	5.88E-01	1.65E-06	3.89E-04	1.37E-03	0.00E+00	-6.65E-04	1.05E-10	4.33E-09	5.65E-03	2.49E-01	0.00E+00	0.00E+00	6.23E-01	7.40E-03	1.11E+00	0.00E+00	8.70E-09	5.88E-09	3.43E-04	2.72E-07	1.05E-01	0.00E+00	1.11E+00	7.13E-07	1.11E+00	1.23E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
WH36583303C	9.19E-04	1.73E-01	9.53E-03	1.59E-01	0.00E+00	0.00E+00	5.98E-01	1.58E-06	3.87E-04	1.39E-03	0.00E+00	-6.74E-04	1.05E-10	4.33E-09	8.10E-03	2.63E-01	0.00E+00	0.00E+00	6.10E-01	8.31E-03	1.11E+00	0.00E+00	8.80E-09	5.91E-09	3.49E-04	2.71E-07	1.02E-01	0.00E+00	1.11E+00	6.99E-07	1.11E+00	1.24E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH36583303Q	1.60E-03	3.54E-01	1.62E-02	3.33E-01	0.00E+00	0.00E+00	7.72E-01	1.63E-06	6.94E-04	3.00E-03	0.00E+00	-6.98E-04	1.31E-10	6.64E-09	7.67E-03	3.39E-01	0.00E+00	0.00E+00	8.65E-01	9.88E-03	2.16E+00	0.00E+00	1.81E-08	8.70E-09	7.55E-04	3.62E-07	1.86E-01	0.00E+00	2.16E+00	6.74E-07	2.16E+00	2.32E+00	1.86E-01	0.00E+00	0.00E+00	0.00E+00	3.63E+01
WH36583305A	9.22E-04	1.66E-01	9.41E-03	1.52E-01	0.00E+00	0.00E+00	5.88E-01	1.65E-06	3.89E-04	1.37E-03	0.00E+00	-6.65E-04	1.05E-10	4.34E-09	5.65E-03	2.49E-01	0.00E+00	0.00E+00	6.25E-01	7.40E-03	1.11E+00	0.00E+00	8.70E-09	5.88E-09	3.43E-04	2.72E-07	1.05E-01	0.00E+00	1.11E+00	7.25E-07	1.11E+00	1.23E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+01
WH36583305C	1.02E-03	1.78E-01	8.99E-03	1.69E-01	0.00E+00	0.00E+00	6.54E-01	1.83E-06	3.35E-04	1.76E-03	0.00E+00	-6.60E-04	9.99E-11	3.25E-09	1.20E-02	3.95E-01	0.00E+00	0.00E+00	7.03E-01	8.72E-03	2.26E+00	0.00E+00	1.73E-08	8.59E-09	5.24E-04	2.26E-07	1.34E-01	0.00E+00	2.26E+00	8.21E-07	2.26E+00	2.40E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
WH36583305Q	2.18E-03	3.77E-01	2.05E-02	3.45E-01	0.00E+00	0.00E+00	1.12E+00	2.91E-06	7.73E-04	3.49E-03	0.00E+00	-8.61E-04	2.24E-10	8.07E-09	1.34E-02	5.27E-01	0.00E+00	0.00E+00	1.28E+00	1.03E-02	3.72E+00	0.00E+00	2.90E-08	1.33E-08	9.87E-04	5.95E-07	2.40E-01	0.00E+00	3.72E+00	7.10E-07	3.72E+00	3.86E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.30E+01
WH36583349A	9.20E-04	1.66E-01	9.41E-03	1.51E-01	0.00E+00	0.00E+00	5.88E-01	1.65E-06	3.89E-04	1.37E-03	0.00E+00	-6.65E-04	1.05E-10	4.33E-09	5.65E-03	2.49E-01	0.00E+00	0.00E+00	6.23E-01	7.40E-03	1.11E+00	0.00E+00	8.70E-09	5.88E-09	3.43E-04	2.72E-07	1.05E-01	0.00E+00	1.11E+00	7.13E-07	1.11E+00	1.23E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
WH36583349C	9.19E-04	1.73E-01	9.53E-03	1.59E-01	0.00E+00	0.00E+00	5.98E-01	1.58E-06	3.87E-04	1.39E-03	0.00E+00	-6.74E-04	1.05E-10	4.33E-09	8.10E-03	2.63E-01	0.00E+00	0.00E+00	6.10E-01	8.31E-03	1.11E+00	0.00E+00	8.80E-09	5.91E-09	3.49E-04	2.71E-07	1.02E-01	0.00E+00	1.11E+00	6.99E-07	1.11E+00	1.24E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH36583349Q	1.60E-03	3.54E-01	1.62E-02	3.33E-01	0.00E+00	0.00E+00	7.72E-01	1.63E-06	6.94E-04	3.00E-03	0.00E+00	-6.98E-04	1.31E-10	6.64E-09	7.67E-03	3.39E-01	0.00E+00	0.00E+00	8.65E-01	9.88E-03	2.16E+00	0.00E+00	1.81E-08	8.70E-09	7.55E-04	3.62E-07	1.86E-01	0.00E+00	2.16E+00	6.74E-07	2.16E+00	2.32E+00	1.86E-01	0.00E+00	0.00E+00	0.00E+00	3.63E+01
WH36583400A	9.95E-04	1.96E-01	9.51E-03	1.97E-01	0.00E+00	0.00E+00	6.00E-01	1.72E-06	4.05E-04	1.86E-03	0.00E+00	-6.68E-04	1.19E-10	4.77E-09	6.26E-03	2.54E-01	0.00E+00	0.00E+00	6.39E-01	7.52E-03	1.52E+00	0.00E+00	1.24E-08	7.17E-09	4.96E-04	2.57E-07	1.10E-01	0.00E+00	1.52E+00	7.36E-07	1.52E+00	1.63E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.24E+01
WH36583400C	9.92E-04	1.92E-01	9.73E-03	1.89E-01	0.00E+00	0.00E+00	6.14E-01	1.65E-06	4.05E-04	1.84E-03	0.00E+00	-6.77E-04	1.19E-10	4.81E-09	8.75E-03	2.74E-01	0.00E+00	0.00E+00	6.29E-01	8.33E-03	1.54E+00	0.00E+00	1.24E-08	7.17E-09	4.95E-04	2.57E-07	1.08E-01	0.00E+00	1.54E+00	7.26E-07	1.54E+00	1.65E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.20E+01
WH36583403A	9.52E-04	1.92E-01	9.48E-03	1.95E-01	0.00E+00	0.00E+00	5.90E-01	1.67E-06	3.94E-04	1.82E-03	0.00E+00	-6.64E-04	1.17E-10	4.35E-09	6.31E-03	2.55E-01	0.00E+00	0.00E+00	6.23E-01	7.20E-03	1.52E+00	0.00E+00	1.22E-08	7.09E-09	4.80E-04	2.53E-07	1.09E-01	0.00E+00	1.52E+00	7.19E-07	1.52E+00	1.64E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.23E+01
WH36583403C	9.53E-04	1.88E-01	9.59E-03	1.86E-01	0.00E+00	0.00E+00	6.04E-01	1.59E-06	3.94E-04	1.80E-03	0.00E+00	-6.74E-04	1.17E-10	4.35E-09	8.87E-03	2.75E-01	0.00E+00	0.00E+00	6.12E-01	8.11E-03	1.55E+00	0.00E+00	1.22E-08	7.09E-09	4.79E-04	2.53E-07	1.06E-01	0.00E+00	1.55E+00	7.07E-07	1.55E+00	1.66E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
WH36583405A	9.54E-04	1.93E-01	9.48E-03	1.96E-01	0.00E+00	0.00E+00	5.90E-01	1.68E-06	3.94E-04	1.83E-03	0.00E+00	-6.64E-04	1.17E-10	4.36E-09	6.31E-03	2.56E-01	0.00E+00	0.00E+00	6.25E-01	7.20E-03	1.53E+00	0.00E+00	1.22E-08	7.10E-09	4.82E-04	2.53E-07	1.09E-01	0.00E+00	1.53E+00	7.31E-07	1.53E+00	1.65E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.26E+01
WH36583405C	9.55E-04	1.89E-01	9.59E-03	1.87E-01	0.00E+00	0.00E+00	6.04E-01	1.59E-06	3.94E-04	1.81E-03	0.00E+00	-6.74E-04	1.17E-10	4.36E-09	8.87E-03	2.75E-01	0.00E+00	0.00E+00	6.14E-01	8.11E-03	1.55E+00	0.00E+00	1.22E-08	7.10E-09	4.81E-04	2.53E-07	1.06E-01	0.00E+00	1.55E+00	7.19E-07	1.55E+00	1.67E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.20E+01
WH36583405Q	1.60E-03	3.53E-01	1.61E-02	3.33E-01	0.00E+00	0.00E+00	7.72E-01	1.63E-06	7.02E-04	3.00E-03	0.00E+00	-6.97E-04	1.31E-10	6.93E-09	7.67E-03	3.39E-01	0.00E+00	0.00E+00	8.67E-01	1.00E-02	2.16E+00	0.00E+00	1.81E-08	8.64E-09	7.55E-04	3.65E-07	1.88E-01	0.00E+00	2.16E+00	6.66E-07	2.16E+00	2.32E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.63E+01
WH36585300A	1.35E-03	2.70E-01	2.04E-02	2.03E-01	0.00E+00	0.00E+00	7.55E-01	1.58E-06	6.81E-04	1.84E-03	0.00E+00	-1.38E-03	1.25E-10	7.36E-09	7.51E-03	3.02E-01	5.36E-06	0.00E+00	7.56E-01	2.01E-02	2.03E+00	0.00E+00	1.67E-08	7.71E-09	5.34E-04	6.27E-07	1.37E-01	0.00E+00	2.03E+00	5.77E-07	2.03E+00	2.18E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
WH36585300C	6.52E-04	1.73E-01	1.18E-02	1.61E-01	0.00E+00	0.00E+00	4.14E-01	5.86E-07	2.98E-04	1.37E-03	0.00E+00	-1.14E-03	7.63E-11	2.76E-09	8.32E-03	2.64E-01	0.00E+00	0.00E+00	3.35E-01	1.51E-02	1.01E+00	0.00E+00	8.11E-09	4.09E-09	3.49E-04	3.77E-07	7.07E-02	0.00E+00	1.01E+00	3.96E-08	1.01E+00	1.08E+00	7.07E-02	0.00E+00	0.00E+00	0.00E+00	1.17E+01
WH36585300Q	2.32E-03	3.46E-01	2.26E-02	2.97E-01	0.00E+00	0.00E+00	1.12E+00	3.00E-06	8.02E-04	3.13E-03	0.00E+00	-1.61E-03	2.23E-10	7.60E-09	1.47E-02	5.31E-01	5.36E-06	0.00E+00	1.27E+00	1.95E-02	3.63E+00	0.00E+00	2.90E-08	1.37E-08	9.20E-04	6.69E-07	2.38E-01	0.00E+00	3.63E+00	9.42E-07	3.63E+00	3.81E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.37E+01
WH36585303A	1.28E-03	2.69E-01	2.02E-02	2.04E-01	0.00E+00	0.00E+00	7.41E-01	1.53E-06	6.80E-04	1.81E-03	0.00E+00	-1.40E-03	1.21E-10	7.15E-09	7.54E-03	2.97E-01	5.36E-06	0.00E+00	7.52E-01	2.00E-02	2.05E+00	0.00E+00	1.67E-08	7.59E-09	5.19E-04	6.29E-07	1.37E-01	0.00E+00	2.05E+00	6.09E-07	2.05E+00	2.19E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
WH36585303C	1.18E-03	2.65E-01	1.99E-02	2.03E-01	0.00E+00	0.00E+00	7.41E-01	1.48E-06	6.76E-04	1.80E-03	0.00E+00	-1.39E-03	1.21E-10	7.09E-09	8.93E-03	3.13E-01	5.05E-06	0.00E+00	7.47E-01	2.03E-02	2.07E+00	0.00E+00	1.67E-08	7.54E-09	5.18E-04	6.33E-07	1.35E-01	0.00E+00	2.07E+00	5.96E-07	2.07E+00	2.20E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
WH36585303Q	2.33E-03	3.49E-01	2.25E-02	3.01E-01	0.00E+00	0.00E+00	1.08E+00	2.75E-06	7.98E-04	3.12E-03	0.00E+00	-1.62E-03	2.20E-10	7.35E-09	1.46E-02	5.21E-01	5.36E-06	0.00E+00	1.27E+00	1.95E-02	3.61E+00	0.00E+00	2.89E-08	1.34E-08	9.10E-04	6.70E-07	2.35E-01	0.00E+00	3.61E+00	9.88E-07	3.61E+00	3.75E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.30E+01
WH36585305A	1.28E-03	2.69E-01	2.02E-02	2.04E-01	0.00E+00	0.00E+00	7.41E-01	1.53E-06	6.80E-04	1.81E-03	0.00E+00	-1.40E-03	1.21E-10	7.15E-09	7.54E-03	2.97E-01	5.36E-06	0.00E+00	7.52E-01	2.00E-02	2.05E+00	0.00E+00	1.67E-08	7.59E-09	5.19E-04	6.29E-07	1.37E-01	0.00E+00	2.05E+00	6.09E-07	2.05E+00	2.19E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
WH36585305C	1.18E-03	2.65E-01	1.99E-02	2.03E-01	0.00E+00	0.00E+00	7.41E-01	1.48E-06	6.76E-04	1.80E-03	0.00E+00	-1.39E-03	1.21E-10	7.09E-09	8.93E-03	3.13E-01	5.05E-06	0.00E+00	7.47E-01	2.03E-02	2.07E+00	0.00E+00	1.67E-08	7.54E-09	5.18E-04	6.33E-07	1.35E-01	0.00E+00	2.07E+00	5.96E-07	2.07E+00	2.20E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
WH36585305Q	2.33E-03	3.49E-01	2.25E-02	3.01E-01	0.00E+00	0.00E+00	1.08E+00	2.75E-06	8.00E-04	3.12E-03	0.00E+00	-1.62E-03	2.20E-10	7.35E-09	1.46E-02	5.21E-01	5.36E-06	0.00E+00	1.27E+00	1.95E-02	3.61E+00	0.00E+00	2.89E-08	1.34E-08	9.10E-04	6.71E-07	2.35E-01	0.00E+00	3.61E+00	9.97E-07	3.61E+00	3.75E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.30E+01
WH36585349A	1.28E-03	2.69E-01	2.02E-02	2.04E-01	0.00E+00	0.00E+00	7.41E-01	1.53E-06	6.80E-04	1.81E-03	0.00E+00	-1.40E-03	1.21E-10	7.15E-09	7.54E-03	2.97E-01	5.36E-06	0.00E+00	7.52E-01	2.00E-02	2.05E+00	0.00E+00	1.67E-08	7.59E-09	5.19E-04	6.29E-07	1.37E-01	0.00E+00	2.05E+00	6.09E-07	2.05E+00	2.19E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
WH36585349C	1.18E-03	2.65E-01	1.99E-02	2.03E-01	0.00E+00	0.00E+00	7.41E-01	1.48E-06	6.76E-04	1.80E-03	0.00E+00	-1.39E-03	1.21E-10	7.09E-09	8.93E-03	3.13E-01	5.05E-06	0.00E+00	7.47E-01	2.03E-02	2.07E+00	0.00E+00	1.67E-08	7.54E-09	5.18E-04	6.33E-07	1.35E-01	0.00E+00	2.07E+00	5.96E-07	2.07E+00	2.20E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
WH36585600A	5.75E-04	3.97E-02	1.26E-02	6.68E-02	0.00E+00	0.00E+00	2.04E-01	6.32E-07	3.21E-04	4.47E-04	0.00E+00	-1.37E-03	3.83E-11	3.24E-09	1.87E-03	1.85E-01	0.00E+00	0.00E+00	2.03E-01	1.75E-02	4.72E-01	0.00E+00	3.58E-09	2.95E-09	1.14E-04	4.21E-07	3.95E-02	0.00E+00	4.72E-01	6.47E-08	4.72E-01	5.06E-01	3.95E-02	0.00E+00	0.00E+00	0.00E+00	7.34E+00
WH36585600C	8.85E-04	1.80E-01	1.71E-02	1.62E-01	0.00E+00	0.00E+00	8.80E-01	1.94E-06	3.08E-04	1.61E-03	0.00E+00	-1.61E-03	1.44E-10	3.75E-09	1.19E-02	3.80E-01	0.00E+00	0.00E+00	7.43E-01	2.12E-02	1.97E+00	0.00E+00	1.50E-08	7.27E-09	4.59E-04	5.29E-07	1.38E-01	0.00E+00	1.97E+00	4.36E-07	1.97E+00	2.11E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
WH36585600Q	1.55E-03	2.84E-01	1.73E-02	2.66E-01	0.00E+00	0.00E+00	1.17E+00	3.43E-06	4.62E-04	2.80E-03	0.00E+00	-1.43E-03	1.82E-10	5.01E-09	1.23E-02	4.72E-01	0.00E+00	0.00E+00	1.23E+00	1.89E-02	3.54E+00	0.00E+00	2.80E-08	1.37E-08	8.31E-04	4.81E-07	2.21E-01	0.00E+00	3.54E+00	1.36E-06	3.54E+00	3.76E+00	2.21E-01	0.00E+00	0.00E+00	0.00E+00	4.44E+01
WH36585603A	5.63E-04	4.04E-02	1.26E-02	6.71E-02	0.00E+00	0.00E+00	2.03E-01	6.08E-07	2.64E-04	4.24E-04	0.00E+00	-1.39E-03	3.54E-11	2.83E-09	1.85E-03	1.74E-01	0.00E+00	0.00E+00	1.97E-01	1.78E-02	4.70E-01	0.00E+00	3.52E-09	2.95E-09	1.11E-04	4.24E-07	3.98E-02	0.00E+00	4.70E-01	7.53E-08	4.70E-01	5.13E-01	3.98E-02	0.00E+00	0.00E+00	0.00E+00	7.21E+00
WH36585603C	5.80E-04	4.18E-02	1.28E-02	8.13E-02	0.00E+00	0.00E+00	2.10E-01	6.24E-07	2.60E-04	4.54E-04	0.00E+00	-1.40E-03	3.57E-11	2.91E-09	4.15E-03	1.80E-01	0.00E+00	0.00E+00	2.05E-01	1.97E-02	4.67E-01	0.00E+00	3.54E-09	2.98E-09	1.19E-04	4.93E-07	4.01E-02	0.00E+00	4.67E-01	7.37E-08	4.67E-01	5.05E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	7.35E+00
WH36585603Q	5.72E-04	4.04E-02	1.26E-02	7.15E-02	0.00E+00	0.00E+00	2.03E-01	7.14E-07	2.64E-04	4.67E-04	0.00E+00	-1.39E-03	3.54E-11	2.83E-09	1.89E-03	1.88E-01	0.00E+00	0.00E+00	1.98E-01	1.77E-02	4.89E-01	0.00E+00	3.66E-09	3.93E-09	1.18E-04	4.27E-07	4.39E-02	0.00E+00	4.89E-01	3.03E-07	4.89E-01	5.22E-01	4.39E-02	0.00E+00	0.00E+00	0.00E+00	7.21E+00
WH36585605A	5.63E-04	4.04E-02	1.26E-02	6.71E-02	0.00E+00	0.00E+00	2.03E-01	6.08E-07	2.64E-04	4.24E-04	0.00E+00	-1.39E-03	3.54E-11	2.83E-09	1.85E-03	1.74E-01	0.00E+00	0.00E+00	1.97E-01	1.78E-02	4.70E-01	0.00E+00	3.52E-09	2.95E-09	1.11E-04	4.24E-07	3.98E-02	0.00E+00	4.70E-01	7.53E-08	4.70E-01	5.13E-01	3.98E-02	0.00E+00	0.00E+00	0.00E+00	7.21E+00
WH36585605C	5.80E-04	4.18E-02	1.28E-02	8.13E-02	0.00E+00	0.00E+00	2.10E-01	6.24E-07	2.60E-04	4.54E-04	0.00E+00	-1.40E-03	3.57E-11	2.91E-09	4.15E-03	1.80E-01	0.00E+00	0.00E+00	2.05E-01	1.97E-02	4.67E-01	0.00E+00	3.54E-09	2.98E-09	1.19E-04	4.93E-07	4.01E-02	0.00E+00	4.67E-01	7.37E-08	4.67E-01	5.05E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	7.35E+00
WH36585605Q	5.76E-04	4.04E-02	1.26E-02	7.15E-02	0.00E+00	0.00E+00	2.03E-01	7.16E-07	2.64E-04	4.72E-04	0.00E+00	-1.39E-03	3.54E-11	2.83E-09	1.89E-03	1.89E-01	0.00E+00	0.00E+00	1.98E-01	1.76E-02	4.89E-01	0.00E+00	3.66E-09	3.94E-09	1.19E-04	4.26E-07	4.41E-02	0.00E+00	4.89E-01	3.03E-07	4.89E-01	5.25E-01	4.41E-02	0.00E+00	0.00E+00	0.00E+00	7.21E+00
WH36585649A	5.63E-04	4.04E-02	1.26E-02	6.71E-02	0.00E+00	0.00E+00	2.03E-01	6.08E-07	2.64E-04	4.24E-04	0.00E+00	-1.39E-03	3.54E-11	2.83E-09	1.85E-03	1.74E-01	0.00E+00	0.00E+00	1.97E-01	1.78E-02	4.70E-01	0.00E+00	3.52E-09	2.95E-09	1.11E-04	4.24E-07	3.98E-02	0.00E+00	4.70E-01	7.53E-08	4.70E-01	5.13E-01	3.98E-02	0.00E+00	0.00E+00	0.00E+00	7.21E+00
WH36585649C	5.80E-04	4.18E-02	1.28E-02	8.13E-02	0.00E+00	0.00E+00	2.10E-01	6.24E-07	2.60E-04	4.54E-04	0.00E+00	-1.40E-03	3.57E-11	2.91E-09	4.15E-03	1.80E-01	0.00E+00	0.00E+00	2.05E-01	1.97E-02	4.67E-01	0.00E+00	3.54E-09	2.98E-09	1.19E-04	4.93E-07	4.01E-02	0.00E+00	4.67E-01	7.37E-08	4.67E-01	5.05E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	7.35E+00
WH36585649Q	5.72E-04	4.04E-02	1.26E-02	7.15E-02	0.00E+00	0.00E+00	2.03E-01	7.14E-07	2.64E-04	4.67E-04	0.00E+00	-1.39E-03	3.54E-11	2.83E-09	1.89E-03	1.88E-01	0.00E+00	0.00E+00	1.98E-01	1.77E-02	4.89E-01	0.00E+00	3.66E-09	3.93E-09	1.18E-04	4.27E-07	4.39E-02	0.00E+00	4.89E-01	3.03E-07	4.89E-01	5.22E-01	4.39E-02	0.00E+00	0.00E+00	0.00E+00	7.21E+00
WH36586300A	1.02E-03	1.64E-01	9.52E-03	1.51E-01	0.00E+00	0.00E+00	6.03E-01	1.71E-06	4.07E-04	1.38E-03	0.00E+00	-6.68E-04	1.08E-10	4.85E-09	5.64E-03	2.50E-01	0.00E+00	0.00E+00	6.41E-01	7.48E-03	1.12E+00	0.00E+00	8.91E-09	6.02E-09	3.57E-04	2.73E-07	1.07E-01	0.00E+00	1.12E+00	7.36E-07	1.12E+00	1.25E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.20E+01
WH36586300C	1.00E-03	1.72E-01	9.75E-03	1.59E-01	0.00E+00	0.00E+00	6.15E-01	1.65E-06	4.06E-04	1.40E-03	0.00E+00	-6.78E-04	1.08E-10	4.90E-09	8.02E-03	2.65E-01	0.00E+00	0.00E+00	6.29E-01	8.25E-03	1.12E+00	0.00E+00	8.99E-09	6.05E-09	3.59E-04	2.73E-07	1.04E-01	0.00E+00	1.12E+00	7.24E-07	1.12E+00	1.26E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH36586300Q	1.78E-03	3.54E-01	1.67E-02	3.32E-01	0.00E+00	0.00E+00	7.83E-01	1.90E-06	7.23E-04	3.08E-03	0.00E+00	-7.08E-04	1.34E-10	7.40E-09	8.04E-03	3.28E-01	0.00E+00	0.00E+00	7.94E-01	9.72E-03	2.40E+00	0.00E+00	1.98E-08	9.46E-09	7.86E-04	3.72E-07	1.84E-01	0.00E+00	2.40E+00	7.72E-07	2.40E+00	2.61E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.64E+01
WH36586303A	9.20E-04	1.66E-01	9.41E-03	1.51E-01	0.00E+00	0.00E+00	5.88E-01	1.65E-06	3.89E-04	1.37E-03	0.00E+00	-6.65E-04	1.05E-10	4.33E-09	5.65E-03	2.49E-01	0.00E+00	0.00E+00	6.23E-01	7.40E-03	1.11E+00	0.00E+00	8.70E-09	5.88E-09	3.43E-04	2.72E-07	1.05E-01	0.00E+00	1.11E+00	7.13E-07	1.11E+00	1.23E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
WH36586303C	9.19E-04	1.73E-01	9.53E-03	1.59E-01	0.00E+00	0.00E+00	5.98E-01	1.58E-06	3.87E-04	1.39E-03	0.00E+00	-6.74E-04	1.05E-10	4.33E-09	8.10E-03	2.63E-01	0.00E+00	0.00E+00	6.10E-01	8.31E-03	1.11E+00	0.00E+00	8.80E-09	5.91E-09	3.49E-04	2.71E-07	1.02E-01	0.00E+00	1.11E+00	6.99E-07	1.11E+00	1.24E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH36586303Q	1.60E-03	3.54E-01	1.62E-02	3.33E-01	0.00E+00	0.00E+00	7.72E-01	1.63E-06	6.94E-04	3.00E-03	0.00E+00	-6.98E-04	1.31E-10	6.64E-09	7.67E-03	3.39E-01	0.00E+00	0.00E+00	8.65E-01	9.88E-03	2.16E+00	0.00E+00	1.81E-08	8.70E-09	7.55E-04	3.62E-07	1.86E-01	0.00E+00	2.16E+00	6.74E-07	2.16E+00	2.32E+00	1.86E-01	0.00E+00	0.00E+00	0.00E+00	3.63E+01
WH36586305A	9.22E-04	1.66E-01	9.41E-03	1.52E-01	0.00E+00	0.00E+00	5.88E-01	1.66E-06	3.89E-04	1.37E-03	0.00E+00	-6.65E-04	1.05E-10	4.34E-09	5.65E-03	2.49E-01	0.00E+00	0.00E+00	6.25E-01	7.40E-03	1.11E+00	0.00E+00	8.70E-09	5.93E-09	3.43E-04	2.72E-07	1.05E-01	0.00E+00	1.11E+00	7.25E-07	1.11E+00	1.23E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+01
WH36586305C	9.20E-04	1.73E-01	9.53E-03	1.60E-01	0.00E+00	0.00E+00	5.98E-01	1.59E-06	3.87E-04	1.39E-03	0.00E+00	-6.74E-04	1.05E-10	4.34E-09	8.10E-03	2.63E-01	0.00E+00	0.00E+00	6.12E-01	8.31E-03	1.11E+00	0.00E+00	8.80E-09	5.95E-09	3.49E-04	2.71E-07	1.02E-01	0.00E+00	1.11E+00	7.12E-07	1.11E+00	1.24E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH36586305Q	1.75E-03	3.52E-01	1.60E-02	3.34E-01	0.00E+00	0.00E+00	7.74E-01	1.84E-06	7.24E-04	3.08E-03	0.00E+00	-7.05E-04	1.30E-10	7.23E-09	7.96E-03	3.28E-01	0.00E+00	0.00E+00	7.95E-01	9.45E-03	2.40E+00	0.00E+00	1.96E-08	9.34E-09	7.85E-04	3.54E-07	1.84E-01	0.00E+00	2.40E+00	7.37E-07	2.40E+00	2.60E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.64E+01
WH36586349A	9.20E-04	1.66E-01	9.41E-03	1.51E-01	0.00E+00	0.00E+00	5.88E-01	1.65E-06	3.89E-04	1.37E-03	0.00E+00	-6.65E-04	1.05E-10	4.33E-09	5.65E-03	2.49E-01	0.00E+00	0.00E+00	6.23E-01	7.40E-03	1.11E+00	0.00E+00	8.70E-09	5.88E-09	3.43E-04	2.72E-07	1.05E-01	0.00E+00	1.11E+00	7.13E-07	1.11E+00	1.23E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
WH36586349C	9.19E-04	1.73E-01	9.53E-03	1.59E-01	0.00E+00	0.00E+00	5.98E-01	1.58E-06	3.87E-04	1.39E-03	0.00E+00	-6.74E-04	1.05E-10	4.33E-09	8.10E-03	2.63E-01	0.00E+00	0.00E+00	6.10E-01	8.31E-03	1.11E+00	0.00E+00	8.80E-09	5.91E-09	3.49E-04	2.71E-07	1.02E-01	0.00E+00	1.11E+00	6.99E-07	1.11E+00	1.24E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WH36586349Q	1.60E-03	3.54E-01	1.62E-02	3.33E-01	0.00E+00	0.00E+00	7.72E-01	1.63E-06	6.94E-04	3.00E-03	0.00E+00	-6.98E-04	1.31E-10	6.64E-09	7.67E-03	3.39E-01	0.00E+00	0.00E+00	8.65E-01	9.88E-03	2.16E+00	0.00E+00	1.81E-08	8.70E-09	7.55E-04	3.62E-07	1.86E-01	0.00E+00	2.16E+00	6.74E-07	2.16E+00	2.32E+00	1.86E-01	0.00E+00	0.00E+00	0.00E+00	3.63E+01
WH36586400A	1.05E-03	1.96E-01	9.51E-03	1.97E-01	0.00E+00	0.00E+00	6.04E-01	1.73E-06	4.13E-04	1.86E-03	0.00E+00	-6.68E-04	1.20E-10	4.88E-09	6.26E-03	2.56E-01	0.00E+00	0.00E+00	6.41E-01	7.52E-03	1.52E+00	0.00E+00	1.24E-08	7.17E-09	4.97E-04	2.57E-07	1.11E-01	0.00E+00	1.52E+00	7.37E-07	1.52E+00	1.63E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.24E+01
WH36586405A	9.00E-04	1.82E-01	9.38E-03	1.56E-01	0.00E+00	0.00E+00	5.56E-01	1.54E-06	4.01E-04	1.59E-03	0.00E+00	-6.54E-04	1.12E-10	4.39E-09	5.84E-03	2.43E-01	0.00E+00	0.00E+00	5.62E-01	6.96E-03	1.45E+00	0.00E+00	1.18E-08	6.96E-09	4.50E-04	2.35E-07	1.03E-01	0.00E+00	1.45E+00	6.64E-07	1.45E+00	1.55E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+01
WH36586405C	9.55E-04	1.89E-01	9.59E-03	1.87E-01	0.00E+00	0.00E+00	6.04E-01	1.60E-06	3.94E-04	1.82E-03	0.00E+00	-6.74E-04	1.17E-10	4.36E-09	8.87E-03	2.75E-01	0.00E+00	0.00E+00	6.14E-01	8.11E-03	1.56E+00	0.00E+00	1.23E-08	7.14E-09	4.86E-04	2.53E-07	1.06E-01	0.00E+00	1.56E+00	7.19E-07	1.56E+00	1.67E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.20E+01
WH36586405Q	1.54E-03	3.36E-01	1.62E-02	2.71E-01	0.00E+00	0.00E+00	7.64E-01	1.46E-06	7.05E-04	2.61E-03	0.00E+00	-6.90E-04	1.25E-10	6.97E-09	6.67E-03	2.97E-01	0.00E+00	0.00E+00	8.06E-01	1.01E-02	2.08E+00	0.00E+00	1.77E-08	8.51E-09	6.67E-04	3.82E-07	1.82E-01	0.00E+00	2.08E+00	6.30E-07	2.08E+00	2.24E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	3.57E+01
WH36587600A	4.07E-04	4.02E-02	2.30E-03	3.68E-02	0.00E+00	0.00E+00	1.79E-01	3.76E-07	2.63E-04	3.48E-04	0.00E+00	-2.12E-04	3.58E-11	2.43E-09	1.21E-03	8.97E-02	0.00E+00	0.00E+00	1.68E-01	3.32E-04	3.40E-01	0.00E+00	2.57E-09	1.52E-09	9.47E-05	1.71E-08	3.00E-02	0.00E+00	3.40E-01	3.67E-08	3.40E-01	3.62E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	6.16E+00
WH36587600C	4.40E-04	4.08E-02	2.45E-03	4.97E-02	0.00E+00	0.00E+00	2.00E-01	4.58E-07	2.70E-04	3.69E-04	0.00E+00	-2.12E-04	3.61E-11	2.59E-09	2.76E-03	9.37E-02	0.00E+00	0.00E+00	1.81E-01	3.32E-04	3.45E-01	0.00E+00	2.62E-09	1.68E-09	1.01E-04	1.67E-08	3.15E-02	0.00E+00	3.45E-01	3.61E-08	3.45E-01	3.64E-01	3.15E-02	0.00E+00	0.00E+00	0.00E+00	6.55E+00
WH36587600Q	4.87E-04	4.05E-02	2.40E-03	6.79E-02	0.00E+00	0.00E+00	1.90E-01	4.57E-07	2.74E-04	4.60E-04	0.00E+00	-2.32E-04	3.66E-11	2.60E-09	1.26E-03	1.31E-01	0.00E+00	0.00E+00	1.81E-01	9.40E-04	3.69E-01	0.00E+00	2.75E-09	1.94E-09	1.11E-04	2.68E-08	3.20E-02	0.00E+00	3.69E-01	2.53E-07	3.69E-01	3.86E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.22E+00
WH36587603A	3.96E-04	4.12E-02	1.93E-03	3.76E-02	0.00E+00	0.00E+00	1.77E-01	3.87E-07	2.21E-04	3.48E-04	0.00E+00	-2.12E-04	3.31E-11	2.12E-09	1.21E-03	8.80E-02	0.00E+00	0.00E+00	1.66E-01	1.79E-04	3.30E-01	0.00E+00	2.53E-09	1.54E-09	9.48E-05	7.37E-09	3.08E-02	0.00E+00	3.30E-01	4.69E-08	3.30E-01	3.51E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	6.14E+00
WH36587603C	4.33E-04	4.19E-02	2.10E-03	5.05E-02	0.00E+00	0.00E+00	1.99E-01	4.72E-07	2.28E-04	3.68E-04	0.00E+00	-2.12E-04	3.35E-11	2.29E-09	2.75E-03	9.24E-02	0.00E+00	0.00E+00	1.82E-01	1.79E-04	3.35E-01	0.00E+00	2.59E-09	1.70E-09	1.01E-04	6.93E-09	3.24E-02	0.00E+00	3.35E-01	4.58E-08	3.35E-01	3.52E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	6.57E+00
WH36587603Q	4.71E-04	4.12E-02	2.03E-03	6.91E-02	0.00E+00	0.00E+00	1.88E-01	4.65E-07	2.28E-04	4.59E-04	0.00E+00	-2.32E-04	3.33E-11	2.30E-09	1.25E-03	1.30E-01	0.00E+00	0.00E+00	1.79E-01	7.87E-04	3.60E-01	0.00E+00	2.71E-09	1.93E-09	1.11E-04	1.65E-08	3.29E-02	0.00E+00	3.60E-01	2.42E-07	3.60E-01	3.77E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	6.20E+00
WH36587605A	3.96E-04	4.12E-02	1.93E-03	3.76E-02	0.00E+00	0.00E+00	1.77E-01	3.87E-07	2.21E-04	3.48E-04	0.00E+00	-2.12E-04	3.31E-11	2.12E-09	1.21E-03	8.80E-02	0.00E+00	0.00E+00	1.66E-01	1.79E-04	3.30E-01	0.00E+00	2.53E-09	1.54E-09	9.48E-05	7.37E-09	3.08E-02	0.00E+00	3.30E-01	4.69E-08	3.30E-01	3.51E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	6.14E+00
WH36587605C	4.33E-04	4.19E-02	2.10E-03	5.05E-02	0.00E+00	0.00E+00	1.99E-01	4.72E-07	2.28E-04	3.68E-04	0.00E+00	-2.12E-04	3.35E-11	2.29E-09	2.75E-03	9.24E-02	0.00E+00	0.00E+00	1.82E-01	1.79E-04	3.35E-01	0.00E+00	2.59E-09	1.70E-09	1.01E-04	6.93E-09	3.24E-02	0.00E+00	3.35E-01	4.58E-08	3.35E-01	3.52E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	6.57E+00
WH36587605Q	4.71E-04	4.12E-02	2.03E-03	6.91E-02	0.00E+00	0.00E+00	1.88E-01	4.65E-07	2.28E-04	4.59E-04	0.00E+00	-2.32E-04	3.33E-11	2.30E-09	1.25E-03	1.30E-01	0.00E+00	0.00E+00	1.79E-01	7.87E-04	3.60E-01	0.00E+00	2.71E-09	1.93E-09	1.11E-04	1.65E-08	3.29E-02	0.00E+00	3.60E-01	2.42E-07	3.60E-01	3.77E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	6.20E+00
WH36587649Q	2.28E-03	3.44E-01	2.27E-02	2.98E-01	0.00E+00	0.00E+00	1.08E+00	2.77E-06	7.90E-04	2.99E-03	0.00E+00	-1.46E-03	2.11E-10	7.41E-09	1.29E-02	5.00E-01	5.36E-06	0.00E+00	1.25E+00	1.88E-02	3.51E+00	0.00E+00	2.80E-08	1.33E-08	8.82E-04	6.43E-07	2.26E-01	0.00E+00	3.51E+00	9.32E-07	3.51E+00	3.63E+00	2.26E-01	0.00E+00	0.00E+00	0.00E+00	4.26E+01
WH36592200A	6.30E-04	3.97E-02	1.29E-02	6.72E-02	0.00E+00	0.00E+00	2.04E-01	6.82E-07	3.19E-04	4.47E-04	0.00E+00	-1.42E-03	3.56E-11	3.20E-09	1.95E-03	1.83E-01	0.00E+00	0.00E+00	2.05E-01	1.72E-02	4.72E-01	0.00E+00	3.62E-09	2.94E-09	1.14E-04	4.22E-07	3.96E-02	0.00E+00	4.72E-01	9.80E-08	4.72E-01	5.06E-01	3.96E-02	0.00E+00	0.00E+00	0.00E+00	7.34E+00
WH36592200C	9.12E-04	1.55E-01	1.62E-02	1.41E-01	0.00E+00	0.00E+00	7.45E-01	1.47E-06	4.20E-04	1.16E-03	0.00E+00	-1.43E-03	9.75E-11	4.77E-09	7.55E-03	2.58E-01	0.00E+00	0.00E+00	6.04E-01	1.97E-02	1.01E+00	0.00E+00	8.34E-09	4.50E-09	3.28E-04	5.12E-07	8.49E-02	0.00E+00	1.01E+00	3.49E-07	1.01E+00	1.11E+00	8.49E-02	0.00E+00	0.00E+00	0.00E+00	1.93E+01
WH36592200Q	2.10E-03	3.19E-01	1.76E-02	3.03E-01	0.00E+00	0.00E+00	1.94E+00	3.26E-06	6.52E-04	3.21E-03	0.00E+00	-1.47E-03	2.45E-10	7.12E-09	1.27E-02	5.62E-01	0.00E+00	0.00E+00	1.41E+00	1.78E-02	3.93E+00	0.00E+00	3.17E-08	1.49E-08	1.04E-03	4.52E-07	2.50E-01	0.00E+00	3.93E+00	1.10E-06	3.93E+00	4.30E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.35E+01
WH36592203A	6.14E-04	4.04E-02	1.29E-02	6.77E-02	0.00E+00	0.00E+00	2.03E-01	6.60E-07	2.65E-04	4.24E-04	0.00E+00	-1.42E-03	3.54E-11	2.85E-09	1.94E-03	1.72E-01	0.00E+00	0.00E+00	1.98E-01	1.76E-02	4.70E-01	0.00E+00	3.56E-09	2.96E-09	1.11E-04	4.24E-07	4.01E-02	0.00E+00	4.70E-01	1.12E-07	4.70E-01	5.13E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	7.21E+00
WH36592203C	8.93E-04	1.53E-01	1.62E-02	1.42E-01	0.00E+00	0.00E+00	7.24E-01	1.41E-06	3.95E-04	1.14E-03	0.00E+00	-1.43E-03	9.58E-11	4.40E-09	7.21E-03	2.52E-01	0.00E+00	0.00E+00	5.82E-01	2.00E-02	9.94E-01	0.00E+00	8.15E-09	4.54E-09	3.26E-04	5.16E-07	8.51E-02	0.00E+00	9.94E-01	3.39E-07	9.94E-01	1.10E+00	8.51E-02	0.00E+00	0.00E+00	0.00E+00	1.96E+01
WH36592203Q	2.11E-03	3.22E-01	1.77E-02	3.05E-01	0.00E+00	0.00E+00	1.94E+00	3.14E-06	6.52E-04	3.20E-03	0.00E+00	-1.47E-03	2.41E-10	6.78E-09	1.28E-02	5.60E-01	0.00E+00	0.00E+00	1.41E+00	1.84E-02	3.93E+00	0.00E+00	3.16E-08	1.46E-08	1.03E-03	4.71E-07	2.48E-01	0.00E+00	3.93E+00	1.13E-06	3.93E+00	4.24E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	5.28E+01
WH36592205A	6.14E-04	4.04E-02	1.29E-02	6.77E-02	0.00E+00	0.00E+00	2.03E-01	6.60E-07	2.65E-04	4.24E-04	0.00E+00	-1.42E-03	3.54E-11	2.85E-09	1.94E-03	1.72E-01	0.00E+00	0.00E+00	1.98E-01	1.76E-02	4.70E-01	0.00E+00	3.56E-09	2.96E-09	1.11E-04	4.24E-07	4.01E-02	0.00E+00	4.70E-01	1.12E-07	4.70E-01	5.13E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	7.21E+00
WH36592205C	6.29E-04	4.18E-02	1.31E-02	8.20E-02	0.00E+00	0.00E+00	2.10E-01	6.73E-07	2.61E-04	4.54E-04	0.00E+00	-1.43E-03	3.57E-11	2.93E-09	4.21E-03	1.78E-01	0.00E+00	0.00E+00	2.05E-01	1.96E-02	4.67E-01	0.00E+00	3.57E-09	2.99E-09	1.19E-04	4.94E-07	4.03E-02	0.00E+00	4.67E-01	1.10E-07	4.67E-01	5.05E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	7.35E+00
WH36592205Q	6.27E-04	4.04E-02	1.29E-02	7.21E-02	0.00E+00	0.00E+00	2.03E-01	7.60E-07	2.65E-04	4.72E-04	0.00E+00	-1.42E-03	3.54E-11	2.85E-09	1.97E-03	1.89E-01	0.00E+00	0.00E+00	1.99E-01	1.75E-02	5.04E-01	0.00E+00	3.73E-09	4.43E-09	1.19E-04	4.28E-07	4.43E-02	0.00E+00	5.04E-01	3.18E-07	5.04E-01	5.35E-01	4.43E-02	0.00E+00	0.00E+00	0.00E+00	7.21E+00
WH36592249A	6.14E-04	4.04E-02	1.29E-02	6.77E-02	0.00E+00	0.00E+00	2.03E-01	6.60E-07	2.65E-04	4.24E-04	0.00E+00	-1.42E-03	3.54E-11	2.85E-09	1.94E-03	1.72E-01	0.00E+00	0.00E+00	1.98E-01	1.76E-02	4.70E-01	0.00E+00	3.56E-09	2.96E-09	1.11E-04	4.24E-07	4.01E-02	0.00E+00	4.70E-01	1.12E-07	4.70E-01	5.13E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	7.21E+00
WH36592249C	6.29E-04	4.18E-02	1.31E-02	8.20E-02	0.00E+00	0.00E+00	2.10E-01	6.73E-07	2.61E-04	4.54E-04	0.00E+00	-1.43E-03	3.57E-11	2.93E-09	4.21E-03	1.78E-01	0.00E+00	0.00E+00	2.05E-01	1.96E-02	4.67E-01	0.00E+00	3.57E-09	2.99E-09	1.19E-04	4.94E-07	4.03E-02	0.00E+00	4.67E-01	1.10E-07	4.67E-01	5.05E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	7.35E+00
WH36592249Q	6.23E-04	4.04E-02	1.29E-02	7.21E-02	0.00E+00	0.00E+00	2.03E-01	7.57E-07	2.65E-04	4.67E-04	0.00E+00	-1.42E-03	3.54E-11	2.85E-09	1.97E-03	1.88E-01	0.00E+00	0.00E+00	1.99E-01	1.76E-02	5.04E-01	0.00E+00	3.73E-09	4.39E-09	1.18E-04	4.28E-07	4.42E-02	0.00E+00	5.04E-01	3.17E-07	5.04E-01	5.31E-01	4.42E-02	0.00E+00	0.00E+00	0.00E+00	7.21E+00
WH36593200A	7.70E-04	1.41E-01	1.98E-02	1.13E-01	0.00E+00	0.00E+00	5.70E-01	1.31E-06	4.83E-04	1.07E-03	0.00E+00	-1.51E-03	9.61E-11	5.34E-09	4.58E-03	2.33E-01	0.00E+00	0.00E+00	5.49E-01	1.81E-02	9.14E-01	0.00E+00	7.30E-09	4.18E-09	2.98E-04	5.33E-07	7.88E-02	0.00E+00	9.14E-01	2.26E-07	9.14E-01	9.90E-01	7.88E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
WH36593200C	1.25E-03	2.52E-01	2.14E-02	2.08E-01	0.00E+00	0.00E+00	8.16E-01	1.94E-06	6.92E-04	1.97E-03	0.00E+00	-1.62E-03	1.25E-10	7.74E-09	1.01E-02	3.77E-01	5.05E-06	0.00E+00	7.76E-01	2.22E-02	2.22E+00	0.00E+00	1.83E-08	8.21E-09	5.41E-04	6.04E-07	1.36E-01	0.00E+00	2.22E+00	6.75E-07	2.22E+00	2.38E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
WH36593200Q	2.35E-03	3.56E-01	2.25E-02	3.01E-01	0.00E+00	0.00E+00	1.13E+00	3.15E-06	8.55E-04	3.12E-03	0.00E+00	-1.55E-03	2.27E-10	7.86E-09	1.46E-02	5.37E-01	0.00E+00	0.00E+00	1.29E+00	1.82E-02	3.82E+00	0.00E+00	3.07E-08	1.40E-08	9.07E-04	5.42E-07	2.43E-01	0.00E+00	3.82E+00	8.93E-07	3.82E+00	4.01E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.43E+01

WH36593203A	7.72E-04	1.42E-01	1.98E-02	1.13E-01	0.00E+00	0.00E+00	5.67E-01	1.27E-06	4.81E-04	1.07E-03	0.00E+00	-1.51E-03	9.45E-11	5.22E-09	4.46E-03	2.32E-01	0.00E+00	0.00E+00	5.40E-01	1.84E-02	9.05E-01	0.00E+00	7.19E-09	4.15E-09	2.98E-04	5.41E-07	7.85E-02	0.00E+00	9.05E-01	2.05E-07	9.05E-01	9.73E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
WH36593203C	1.23E-03	2.51E-01	2.13E-02	2.07E-01	0.00E+00	0.00E+00	8.08E-01	1.94E-06	6.93E-04	1.95E-03	0.00E+00	-1.61E-03	1.24E-10	7.56E-09	1.01E-02	3.76E-01	5.05E-06	0.00E+00	7.78E-01	2.22E-02	2.23E+00	0.00E+00	1.82E-08	8.13E-09	5.34E-04	6.04E-07	1.36E-01	0.00E+00	2.23E+00	6.84E-07	2.23E+00	2.40E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
WH36593203Q	2.31E-03	3.58E-01	2.25E-02	3.04E-01	0.00E+00	0.00E+00	1.10E+00	2.90E-06	8.42E-04	3.10E-03	0.00E+00	-1.54E-03	2.25E-10	7.30E-09	1.41E-02	5.18E-01	0.00E+00	0.00E+00	1.27E+00	1.85E-02	3.59E+00	0.00E+00	2.89E-08	1.34E-08	8.82E-04	5.45E-07	2.37E-01	0.00E+00	3.59E+00	8.42E-07	3.59E+00	3.73E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.31E+01
WH36593205A	7.72E-04	1.42E-01	1.98E-02	1.13E-01	0.00E+00	0.00E+00	5.67E-01	1.27E-06	4.81E-04	1.07E-03	0.00E+00	-1.51E-03	9.45E-11	5.22E-09	4.46E-03	2.32E-01	0.00E+00	0.00E+00	5.40E-01	1.84E-02	9.05E-01	0.00E+00	7.19E-09	4.15E-09	2.98E-04	5.41E-07	7.85E-02	0.00E+00	9.05E-01	2.05E-07	9.05E-01	9.73E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
WH36593205C	1.23E-03	2.51E-01	2.13E-02	2.07E-01	0.00E+00	0.00E+00	8.08E-01	1.94E-06	6.93E-04	1.95E-03	0.00E+00	-1.61E-03	1.24E-10	7.56E-09	1.01E-02	3.76E-01	5.05E-06	0.00E+00	7.78E-01	2.22E-02	2.23E+00	0.00E+00	1.82E-08	8.13E-09	5.34E-04	6.04E-07	1.36E-01	0.00E+00	2.23E+00	6.84E-07	2.23E+00	2.40E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
WH36593205Q	2.31E-03	3.62E-01	2.25E-02	3.04E-01	0.00E+00	0.00E+00	1.10E+00	2.94E-06	8.42E-04	3.11E-03	0.00E+00	-1.54E-03	2.25E-10	7.30E-09	1.44E-02	5.21E-01	0.00E+00	0.00E+00	1.27E+00	1.85E-02	3.70E+00	0.00E+00	2.98E-08	1.36E-08	8.85E-04	5.45E-07	2.37E-01	0.00E+00	3.70E+00	8.49E-07	3.70E+00	3.87E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.31E+01
WH36593249A	7.72E-04	1.42E-01	1.98E-02	1.13E-01	0.00E+00	0.00E+00	5.67E-01	1.27E-06	4.81E-04	1.07E-03	0.00E+00	-1.51E-03	9.45E-11	5.22E-09	4.46E-03	2.32E-01	0.00E+00	0.00E+00	5.40E-01	1.84E-02	9.05E-01	0.00E+00	7.19E-09	4.15E-09	2.98E-04	5.41E-07	7.85E-02	0.00E+00	9.05E-01	2.05E-07	9.05E-01	9.73E-01	7.85E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
WH36593249Q	2.31E-03	3.58E-01	2.25E-02	3.04E-01	0.00E+00	0.00E+00	1.10E+00	2.90E-06	8.42E-04	3.10E-03	0.00E+00	-1.54E-03	2.25E-10	7.30E-09	1.41E-02	5.18E-01	0.00E+00	0.00E+00	1.27E+00	1.85E-02	3.59E+00	0.00E+00	2.89E-08	1.34E-08	8.82E-04	5.45E-07	2.37E-01	0.00E+00	3.59E+00	8.42E-07	3.59E+00	3.73E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.31E+01
WH36593300A	1.17E-03	2.02E-01	9.92E-03	2.20E-01	0.00E+00	0.00E+00	7.18E-01	1.82E-06	5.31E-04	2.08E-03	0.00E+00	-6.71E-04	1.22E-10	5.61E-09	8.32E-03	3.09E-01	0.00E+00	0.00E+00	6.81E-01	7.16E-03	1.84E+00	0.00E+00	1.47E-08	8.32E-09	6.04E-04	2.68E-07	1.43E-01	0.00E+00	1.84E+00	7.81E-07	1.84E+00	1.91E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.90E+01
WH36593300C	1.19E-03	1.97E-01	1.02E-02	2.12E-01	0.00E+00	0.00E+00	7.26E-01	1.75E-06	5.37E-04	2.06E-03	0.00E+00	-6.80E-04	1.22E-10	5.60E-09	1.00E-02	3.27E-01	0.00E+00	0.00E+00	6.69E-01	7.94E-03	1.85E+00	0.00E+00	1.48E-08	8.29E-09	6.03E-04	2.68E-07	1.42E-01	0.00E+00	1.85E+00	7.72E-07	1.85E+00	1.93E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
WH36593300Q	1.83E-03	3.59E-01	1.71E-02	3.38E-01	0.00E+00	0.00E+00	7.90E-01	1.91E-06	8.00E-04	3.09E-03	0.00E+00	-7.16E-04	1.32E-10	7.81E-09	8.16E-03	3.61E-01	0.00E+00	0.00E+00	8.64E-01	9.73E-03	2.44E+00	0.00E+00	1.99E-08	9.45E-09	7.97E-04	3.85E-07	1.88E-01	0.00E+00	2.44E+00	7.46E-07	2.44E+00	2.62E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
WH36593303A	1.12E-03	2.01E-01	9.92E-03	2.12E-01	0.00E+00	0.00E+00	6.82E-01	1.78E-06	5.26E-04	2.06E-03	0.00E+00	-6.67E-04	1.21E-10	5.49E-09	8.35E-03	3.09E-01	0.00E+00	0.00E+00	6.73E-01	6.73E-03	1.85E+00	0.00E+00	1.48E-08	8.28E-09	6.02E-04	2.64E-07	1.39E-01	0.00E+00	1.85E+00	7.99E-07	1.85E+00	1.95E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.83E+01
WH36593303C	1.15E-03	1.95E-01	1.01E-02	2.04E-01	0.00E+00	0.00E+00	6.90E-01	1.71E-06	5.31E-04	2.04E-03	0.00E+00	-6.77E-04	1.21E-10	5.49E-09	1.00E-02	3.25E-01	0.00E+00	0.00E+00	6.60E-01	7.65E-03	1.87E+00	0.00E+00	1.48E-08	8.25E-09	6.01E-04	2.64E-07	1.38E-01	0.00E+00	1.87E+00	7.89E-07	1.87E+00	1.97E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
WH36593305A	1.14E-03	2.01E-01	9.92E-03	2.12E-01	0.00E+00	0.00E+00	7.13E-01	1.79E-06	5.26E-04	2.06E-03	0.00E+00	-6.67E-04	1.21E-10	5.49E-09	8.35E-03	3.10E-01	0.00E+00	0.00E+00	6.73E-01	6.73E-03	1.85E+00	0.00E+00	1.48E-08	8.31E-09	6.02E-04	2.64E-07	1.43E-01	0.00E+00	1.85E+00	8.01E-07	1.85E+00	1.95E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
WH36593305C	1.16E-03	1.95E-01	1.01E-02	2.04E-01	0.00E+00	0.00E+00	7.20E-01	1.73E-06	5.31E-04	2.04E-03	0.00E+00	-6.77E-04	1.21E-10	5.49E-09	1.00E-02	3.27E-01	0.00E+00	0.00E+00	6.60E-01	7.65E-03	1.87E+00	0.00E+00	1.48E-08	8.28E-09	6.01E-04	2.64E-07	1.41E-01	0.00E+00	1.87E+00	7.91E-07	1.87E+00	1.97E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
WH36593305Q	1.81E-03	3.63E-01	1.66E-02	3.38E-01	0.00E+00	0.00E+00	7.88E-01	1.83E-06	7.98E-04	3.09E-03	0.00E+00	-7.07E-04	1.31E-10	7.65E-09	8.07E-03	3.60E-01	0.00E+00	0.00E+00	8.65E-01	9.53E-03	2.44E+00	0.00E+00	1.98E-08	9.33E-09	7.95E-04	3.57E-07	1.89E-01	0.00E+00	2.44E+00	7.25E-07	2.44E+00	2.61E+00	1.89E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
WH36593349C	1.15E-03	1.95E-01	1.01E-02	2.04E-01	0.00E+00	0.00E+00	6.90E-01	1.71E-06	5.31E-04	2.04E-03	0.00E+00	-6.77E-04	1.21E-10	5.49E-09	1.00E-02	3.25E-01	0.00E+00	0.00E+00	6.60E-01	7.65E-03	1.87E+00	0.00E+00	1.48E-08	8.25E-09	6.01E-04	2.64E-07	1.38E-01	0.00E+00	1.87E+00	7.89E-07	1.87E+00	1.97E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
WH36594200A	5.51E-04	3.92E-02	1.98E-03	3.79E-02	0.00E+00	0.00E+00	1.94E-01	4.67E-07	2.88E-04	3.57E-04	0.00E+00	-2.06E-04	3.50E-11	3.00E-09	1.33E-03	9.12E-02	0.00E+00	0.00E+00	1.71E-01	7.26E-04	3.44E-01	0.00E+00	2.73E-09	1.83E-09	9.43E-05	2.03E-08	3.22E-02	0.00E+00	3.44E-01	1.19E-07	3.44E-01	3.72E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	6.56E+00
WH36594200C	5.78E-04	4.00E-02	2.14E-03	4.92E-02	0.00E+00	0.00E+00	2.04E-01	5.25E-07	2.91E-04	3.78E-04	0.00E+00	-2.06E-04	3.52E-11	3.04E-09	2.83E-03	9.42E-02	0.00E+00	0.00E+00	1.78E-01	7.26E-04	3.45E-01	0.00E+00	2.74E-09	1.90E-09	1.01E-04	2.03E-08	3.29E-02	0.00E+00	3.45E-01	1.17E-07	3.45E-01	3.72E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	6.78E+00
WH36594200Q	6.17E-04	3.97E-02	2.09E-03	6.61E-02	0.00E+00	0.00E+00	2.05E-01	5.52E-07	2.96E-04	4.48E-04	0.00E+00	-2.28E-04	3.53E-11	3.20E-09	1.37E-03	1.29E-01	0.00E+00	0.00E+00	1.84E-01	1.60E-03	3.71E-01	0.00E+00	2.88E-09	2.19E-09	1.10E-04	3.03E-08	3.39E-02	0.00E+00	3.71E-01	2.79E-07	3.71E-01	3.93E-01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH36594203A	5.35E-04	3.98E-02	1.87E-03	3.82E-02	0.00E+00	0.00E+00	1.93E-01	4.68E-07	2.36E-04	3.55E-04	0.00E+00	-2.06E-04	3.49E-11	2.67E-09	1.32E-03	8.84E-02	0.00E+00	0.00E+00	1.65E-01	6.31E-04	3.35E-01	0.00E+00	2.68E-09	1.85E-09	9.41E-05	1.72E-08	3.26E-02	0.00E+00	3.35E-01	1.29E-07	3.35E-01	3.66E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	6.30E+00
WH36594203C	5.62E-04	4.07E-02	2.04E-03	4.95E-02	0.00E+00	0.00E+00	2.04E-01	5.31E-07	2.39E-04	3.76E-04	0.00E+00	-2.06E-04	3.51E-11	2.76E-09	2.82E-03	9.15E-02	0.00E+00	0.00E+00	1.75E-01	6.31E-04	3.36E-01	0.00E+00	2.70E-09	1.92E-09	1.01E-04	1.73E-08	3.34E-02	0.00E+00	3.36E-01	1.27E-07	3.36E-01	3.65E-01	3.34E-02	0.00E+00	0.00E+00	0.00E+00	6.52E+00
WH36594203Q	5.99E-04	4.02E-02	1.97E-03	6.76E-02	0.00E+00	0.00E+00	2.04E-01	5.52E-07	2.42E-04	4.45E-04	0.00E+00	-2.28E-04	3.51E-11	2.86E-09	1.36E-03	1.27E-01	0.00E+00	0.00E+00	1.77E-01	1.51E-03	3.63E-01	0.00E+00	2.84E-09	2.20E-09	1.10E-04	2.70E-08	3.43E-02	0.00E+00	3.63E-01	2.68E-07	3.63E-01	3.89E-01	3.43E-02	0.00E+00	0.00E+00	0.00E+00	6.36E+00
WH36594205A	5.35E-04	3.98E-02	1.87E-03	3.82E-02	0.00E+00	0.00E+00	1.93E-01	4.68E-07	2.36E-04	3.55E-04	0.00E+00	-2.06E-04	3.49E-11	2.67E-09	1.32E-03	8.84E-02	0.00E+00	0.00E+00	1.65E-01	6.31E-04	3.35E-01	0.00E+00	2.68E-09	1.85E-09	9.41E-05	1.72E-08	3.26E-02	0.00E+00	3.35E-01	1.29E-07	3.35E-01	3.66E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	6.30E+00
WH36594249Q	2.23E-03	3.52E-01	2.27E-02	3.24E-01	0.00E+00	0.00E+00	1.19E+00	2.93E-06	7.52E-04	3.11E-03	0.00E+00	-1.43E-03	2.31E-10	7.02E-09	1.29E-02	5.15E-01	5.05E-06	0.00E+00	1.23E+00	1.67E-02	3.58E+00	0.00E+00	2.93E-08	1.39E-08	9.28E-04	6.04E-07	2.20E-01	0.00E+00	3.58E+00	9.85E-07	3.58E+00	3.74E+00	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.31E+01
WH36595200A	9.87E-04	1.67E-01	1.46E-02	1.52E-01	0.00E+00	0.00E+00	9.15E-01	2.12E-06	4.00E-04	1.53E-03	0.00E+00	-1.30E-03	1.53E-10	4.92E-09	7.14E-03	2.89E-01	0.00E+00	0.00E+00	7.96E-01	1.72E-02	1.83E+00	0.00E+00	1.45E-08	7.06E-09	4.45E-04	4.31E-07	1.41E-01	0.00E+00	1.83E+00	4.73E-07	1.83E+00	1.97E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
WH36595200C	1.05E-03	1.86E-01	1.70E-02	1.69E-01	0.00E+00	0.00E+00	9.78E-01	2.11E-06	4.14E-04	1.69E-03	0.00E+00	-1.54E-03	1.61E-10	5.03E-09	1.24E-02	4.13E-01	0.00E+00	0.00E+00	8.24E-01	2.03E-02	2.09E+00	0.00E+00	1.60E-08	7.80E-09	4.88E-04	5.08E-07	1.53E-01	0.00E+00	2.09E+00	4.57E-07	2.09E+00	2.24E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	2.95E+01
WH36595200Q	1.71E-03	2.90E-01	1.72E-02	2.73E-01	0.00E+00	0.00E+00	1.26E+00	3.59E-06	5.68E-04	2.88E-03	0.00E+00	-1.36E-03	1.99E-10	6.27E-09	1.29E-02	5.04E-01	0.00E+00	0.00E+00	1.31E+00	1.80E-02	3.65E+00	0.00E+00	2.90E-08	1.42E-08	8.59E-04	4.60E-07	2.35E-01	0.00E+00	3.65E+00	1.38E-06	3.65E+00	3.89E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.73E+01
WH36595203A	6.31E-04	3.97E-02	1.28E-02	6.60E-02	0.00E+00	0.00E+00	2.04E-01	6.79E-07	3.16E-04	4.21E-04	0.00E+00	-1.40E-03	3.66E-11	3.27E-09	1.91E-03	1.74E-01	0.00E+00	0.00E+00	2.03E-01	1.73E-02	4.77E-01	0.00E+00	3.58E-09	2.99E-09	1.12E-04	4.23E-07	3.97E-02	0.00E+00	4.77E-01	9.95E-08	4.77E-01	5.08E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	7.34E+00
WH36595203C	6.46E-04	4.10E-02	1.31E-02	7.98E-02	0.00E+00	0.00E+00	2.10E-01	6.88E-07	3.12E-04	4.52E-04	0.00E+00	-1.41E-03	3.68E-11	3.31E-09	4.21E-03	1.80E-01	0.00E+00	0.00E+00	2.07E-01	1.95E-02	4.74E-01	0.00E+00	3.59E-09	3.02E-09	1.20E-04	4.93E-07	4.01E-02	0.00E+00	4.74E-01	9.86E-08	4.74E-01	5.02E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	7.49E+00
WH36595203Q	6.38E-04	3.97E-02	1.28E-02	7.04E-02	0.00E+00	0.00E+00	2.04E-01	7.70E-07	3.12E-04	4.65E-04	0.00E+00	-1.40E-03	3.69E-11	3.27E-09	1.95E-03	1.90E-01	0.00E+00	0.00E+00	2.04E-01	1.74E-02	5.10E-01	0.00E+00	3.75E-09	4.44E-09	1.20E-04	4.26E-07	4.38E-02	0.00E+00	5.10E-01	2.97E-07	5.10E-01	5.26E-01	4.38E-02	0.00E+00	0.00E+00	0.00E+00	7.34E+00
WH36595205A	6.31E-04	3.97E-02	1.28E-02	6.60E-02	0.00E+00	0.00E+00	2.04E-01	6.79E-07	3.16E-04	4.21E-04	0.00E+00	-1.40E-03	3.66E-11	3.27E-09	1.91E-03	1.74E-01	0.00E+00	0.00E+00	2.03E-01	1.73E-02	4.77E-01	0.00E+00	3.58E-09	2.99E-09	1.12E-04	4.23E-07	3.97E-02	0.00E+00	4.77E-01	9.95E-08	4.77E-01	5.08E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	7.34E+00
WH36595205C	6.46E-04	4.10E-02	1.31E-02	7.98E-02	0.00E+00	0.00E+00	2.10E-01	6.88E-07	3.12E-04	4.52E-04	0.00E+00	-1.41E-03	3.68E-11	3.31E-09	4.21E-03	1.80E-01	0.00E+00	0.00E+00	2.07E-01	1.95E-02	4.74E-01	0.00E+00	3.59E-09	3.02E-09	1.20E-04	4.93E-07	4.01E-02	0.00E+00	4.74E-01	9.86E-08	4.74E-01	5.02E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	7.49E+00
WH36595205Q	6.43E-04	3.97E-02	1.28E-02	7.04E-02	0.00E+00	0.00E+00	2.04E-01	7.72E-07	3.12E-04	4.69E-04	0.00E+00	-1.40E-03	3.69E-11	3.27E-09	1.95E-03	1.91E-01	0.00E+00	0.00E+00	2.04E-01	1.73E-02	5.10E-01	0.00E+00	3.75E-09	4.48E-09	1.20E-04	4.26E-07	4.39E-02	0.00E+00	5.10E-01	2.97E-07	5.10E-01	5.30E-01	4.39E-02	0.00E+00	0.00E+00	0.00E+00	7.34E+00
WH36595249A	6.31E-04	3.97E-02	1.28E-02	6.60E-02	0.00E+00	0.00E+00	2.04E-01	6.79E-07	3.16E-04	4.21E-04	0.00E+00	-1.40E-03	3.66E-11	3.27E-09	1.91E-03	1.74E-01	0.00E+00	0.00E+00	2.03E-01	1.73E-02	4.77E-01	0.00E+00	3.58E-09	2.99E-09	1.12E-04	4.23E-07	3.97E-02	0.00E+00	4.77E-01	9.95E-08	4.77E-01	5.08E-01	3.97E-02	0.00E+00	0.00E+00	0.00E+00	7.34E+00
WH36595249C	6.46E-04	4.10E-02	1.31E-02	7.98E-02	0.00E+00	0.00E+00	2.10E-01	6.88E-07	3.12E-04	4.52E-04	0.00E+00	-1.41E-03	3.68E-11	3.31E-09	4.21E-03	1.80E-01	0.00E+00	0.00E+00	2.07E-01	1.95E-02	4.74E-01	0.00E+00	3.59E-09	3.02E-09	1.20E-04	4.93E-07	4.01E-02	0.00E+00	4.74E-01	9.86E-08	4.74E-01	5.02E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	7.49E+00
WH36595249Q	6.38E-04	3.97E-02	1.28E-02	7.04E-02	0.00E+00	0.00E+00	2.04E-01	7.70E-07	3.12E-04	4.65E-04	0.00E+00	-1.40E-03	3.69E-11	3.27E-09	1.95E-03	1.90E-01	0.00E+00	0.00E+00	2.04E-01	1.74E-02	5.10E-01	0.00E+00	3.75E-09	4.44E-09	1.20E-04	4.26E-07	4.38E-02	0.00E+00	5.10E-01	2.97E-07	5.10E-01	5.26E-01	4.38E-02	0.00E+00	0.00E+00	0.00E+00	7.34E+00
WH36596200A	5.44E-04	6.46E-02	1.30E-02	9.14E-02	0.00E+00	0.00E+00	1.88E-01	6.10E-07	3.34E-04	5.37E-04	0.00E+00	-1.40E-03	3.52E-11	3.15E-09	1.91E-03	1.97E-01	0.00E+00	0.00E+00	1.95E-01	1.80E-02	4.82E-01	0.00E+00	3.53E-09	2.80E-09	1.40E-04	4.27E-07	3.95E-02	0.00E+00	4.82E-01	6.15E-08	4.82E-01	5.07E-01	3.95E-02	0.00E+00	0.00E+00	0.00E+00	7.10E+00
WH36596200C	1.17E-03	1.82E-01	1.62E-02	1.65E-01	0.00E+00	0.00E+00	6.64E-01	1.47E-06	5.63E-04	1.62E-03	0.00E+00	-1.54E-03	1.11E-10	5.70E-09	1.07E-02	3.83E-01	0.00E+00	0.00E+00	6.46E-01	2.03E-02	1.77E+00	0.00E+00	1.36E-08	7.02E-09	4.71E-04	5.05E-07	1.23E-01	0.00E+00	1.77E+00	3.75E-07	1.77E+00	1.90E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.34E+01
WH36596200Q	1.84E-03	2.86E-01	1.65E-02	2.70E-01	0.00E+00	0.00E+00	9.58E-01	2.98E-06	7.17E-04	2.81E-03	0.00E+00	-1.36E-03	1.51E-10	6.97E-09	1.12E-02	4.76E-01	0.00E+00	0.00E+00	1.14E+00	1.80E-02	3.35E+00	0.00E+00	2.67E-08	1.34E-08	8.44E-04	4.57E-07	2.07E-01	0.00E+00	3.35E+00	1.30E-06	3.35E+00	3.56E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	4.15E+01
WH36596203A	8.21E-04	1.41E-01	2.00E-02	1.13E-01	0.00E+00	0.00E+00	5.73E-01	1.33E-06	4.91E-04	1.08E-03	0.00E+00	-1.49E-03	9.62E-11	5.37E-09	4.60E-03	2.35E-01	0.00E+00	0.00E+00	5.49E-01	1.81E-02	9.05E-01	0.00E+00	7.31E-09	4.22E-09	3.08E-04	5.31E-07	7.97E-02	0.00E+00	9.05E-01	2.07E-07	9.05E-01	9.85E-01	7.97E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH36596205A	8.21E-04	1.41E-01	2.00E-02	1.13E-01	0.00E+00	0.00E+00	5.73E-01	1.33E-06	4.91E-04	1.08E-03	0.00E+00	-1.49E-03	9.62E-11	5.37E-09	4.60E-03	2.35E-01	0.00E+00	0.00E+00	5.49E-01	1.81E-02	9.05E-01	0.00E+00	7.31E-09	4.22E-09	3.08E-04	5.31E-07	7.97E-02	0.00E+00	9.05E-01	2.07E-07	9.05E-01	9.85E-01	7.97E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH36596205Q	2.32E-03	3.56E-01	2.28E-02	3.02E-01	0.00E+00	0.00E+00	1.13E+00	3.07E-06	8.62E-04	3.13E-03	0.00E+00	-1.52E-03	2.24E-10	8.28E-09	1.48E-02	5.46E-01	0.00E+00	0.00E+00	1.27E+00	1.82E-02	3.74E+00	0.00E+00	2.99E-08	1.38E-08	9.00E-04	5.35E-07	2.38E-01	0.00E+00	3.74E+00	8.94E-07	3.74E+00	3.92E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.33E+01
WH36596249A	8.21E-04	1.41E-01	2.00E-02	1.13E-01	0.00E+00	0.00E+00	5.73E-01	1.33E-06	4.91E-04	1.08E-03	0.00E+00	-1.49E-03	9.62E-11	5.37E-09	4.60E-03	2.35E-01	0.00E+00	0.00E+00	5.49E-01	1.81E-02	9.05E-01	0.00E+00	7.31E-09	4.22E-09	3.08E-04	5.31E-07	7.97E-02	0.00E+00	9.05E-01	2.07E-07	9.05E-01	9.85E-01	7.97E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH36596249C	1.29E-03	2.53E-01	2.16E-02	2.06E-01	0.00E+00	0.00E+00	8.16E-01	1.85E-06	6.90E-04	1.96E-03	0.00E+00	-1.59E-03	1.23E-10	7.91E-09	9.81E-03	3.72E-01	5.05E-06	0.00E+00	7.37E-01	2.21E-02	2.18E+00	0.00E+00	1.81E-08	8.09E-09	5.45E-04	6.05E-07	1.35E-01	0.00E+00	2.18E+00	6.16E-07	2.18E+00	2.32E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
WH36596249Q	2.32E-03	3.52E-01	2.28E-02	3.02E-01	0.00E+00	0.00E+00	1.13E+00	3.03E-06	8.62E-04	3.12E-03	0.00E+00	-1.52E-03	2.24E-10	8.27E-09	1.45E-02	5.38E-01	0.00E+00	0.00E+00	1.26E+00	1.82E-02	3.62E+00	0.00E+00	2.89E-08	1.37E-08	8.96E-04	5.35E-07	2.38E-01	0.00E+00	3.62E+00	8.85E-07	3.62E+00	3.78E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.30E+01
WH36596300A	1.21E-03	2.02E-01	9.92E-03	2.20E-01	0.00E+00	0.00E+00	7.31E-01	1.83E-06	5.33E-04	2.07E-03	0.00E+00	-6.71E-04	1.22E-10	5.65E-09	8.31E-03	3.12E-01	0.00E+00	0.00E+00	6.83E-01	7.10E-03	1.84E+00	0.00E+00	1.47E-08	8.33E-09	6.02E-04	2.67E-07	1.44E-01	0.00E+00	1.84E+00	7.75E-07	1.84E+00	1.93E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.90E+01
WH36596300C	1.23E-03	1.97E-01	1.02E-02	2.11E-01	0.00E+00	0.00E+00	7.39E-01	1.77E-06	5.37E-04	2.05E-03	0.00E+00	-6.80E-04	1.22E-10	5.65E-09	9.99E-03	3.29E-01	0.00E+00	0.00E+00	6.74E-01	7.88E-03	1.86E+00	0.00E+00	1.48E-08	8.30E-09	6.01E-04	2.67E-07	1.42E-01	0.00E+00	1.86E+00	7.67E-07	1.86E+00	1.94E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
WH36596300Q	1.86E-03	3.59E-01	1.72E-02	3.37E-01	0.00E+00	0.00E+00	7.99E-01	1.92E-06	7.99E-04	3.09E-03	0.00E+00	-7.16E-04	1.33E-10	8.19E-09	8.15E-03	3.61E-01	0.00E+00	0.00E+00	8.56E-01	9.99E-03	2.44E+00	0.00E+00	2.00E-08	9.45E-09	7.97E-04	3.86E-07	1.88E-01	0.00E+00	2.44E+00	7.61E-07	2.44E+00	2.63E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
WH36596303A	1.20E-03	2.00E-01	9.92E-03	2.13E-01	0.00E+00	0.00E+00	7.00E-01	1.82E-06	5.33E-04	2.06E-03	0.00E+00	-6.71E-04	1.22E-10	5.65E-09	8.31E-03	3.12E-01	0.00E+00	0.00E+00	6.83E-01	7.10E-03	1.84E+00	0.00E+00	1.47E-08	8.30E-09	6.01E-04	2.67E-07	1.40E-01	0.00E+00	1.84E+00	7.73E-07	1.84E+00	1.93E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+01
WH36596303C	1.22E-03	1.95E-01	1.02E-02	2.04E-01	0.00E+00	0.00E+00	7.10E-01	1.76E-06	5.37E-04	2.04E-03	0.00E+00	-6.80E-04	1.22E-10	5.65E-09	9.99E-03	3.29E-01	0.00E+00	0.00E+00	6.74E-01	7.88E-03	1.86E+00	0.00E+00	1.48E-08	8.27E-09	6.00E-04	2.67E-07	1.39E-01	0.00E+00	1.86E+00	7.65E-07	1.86E+00	1.94E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.78E+01
WH36596303Q	1.86E-03	3.59E-01	1.67E-02	3.37E-01	0.00E+00	0.00E+00	7.99E-01	1.92E-06	7.99E-04	3.09E-03	0.00E+00	-7.10E-04	1.33E-10	8.15E-09	8.15E-03	3.61E-01	0.00E+00	0.00E+00	8.56E-01	9.98E-03	2.44E+00	0.00E+00	2.00E-08	9.45E-09	7.97E-04	3.57E-07	1.88E-01	0.00E+00	2.44E+00	7.58E-07	2.44E+00	2.65E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
WH36596305A	1.21E-03	2.00E-01	9.92E-03	2.13E-01	0.00E+00	0.00E+00	7.31E-01	1.83E-06	5.33E-04	2.06E-03	0.00E+00	-6.71E-04	1.22E-10	5.65E-09	8.31E-03	3.13E-01	0.00E+00	0.00E+00	6.83E-01	7.10E-03	1.84E+00	0.00E+00	1.47E-08	8.33E-09	6.01E-04	2.67E-07	1.44E-01	0.00E+00	1.84E+00	7.75E-07	1.84E+00	1.93E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.90E+01
WH36596305C	1.23E-03	1.95E-01	1.02E-02	2.04E-01	0.00E+00	0.00E+00	7.39E-01	1.77E-06	5.37E-04	2.04E-03	0.00E+00	-6.80E-04	1.22E-10	5.65E-09	9.99E-03	3.30E-01	0.00E+00	0.00E+00	6.74E-01	7.88E-03	1.86E+00	0.00E+00	1.48E-08	8.30E-09	6.00E-04	2.67E-07	1.42E-01	0.00E+00	1.86E+00	7.67E-07	1.86E+00	1.94E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
WH36596305Q	1.86E-03	3.59E-01	1.67E-02	3.37E-01	0.00E+00	0.00E+00	7.99E-01	1.92E-06	8.00E-04	3.09E-03	0.00E+00	-7.10E-04	1.33E-10	8.17E-09	8.15E-03	3.61E-01	0.00E+00	0.00E+00	8.56E-01	9.98E-03	2.44E+00	0.00E+00	2.00E-08	9.45E-09	7.97E-04	3.56E-07	1.88E-01	0.00E+00	2.44E+00	7.58E-07	2.44E+00	2.63E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
WH36596349A	1.20E-03	2.00E-01	9.92E-03	2.13E-01	0.00E+00	0.00E+00	7.00E-01	1.82E-06	5.33E-04	2.06E-03	0.00E+00	-6.71E-04	1.22E-10	5.65E-09	8.31E-03	3.12E-01	0.00E+00	0.00E+00	6.83E-01	7.10E-03	1.84E+00	0.00E+00	1.47E-08	8.30E-09	6.01E-04	2.67E-07	1.40E-01	0.00E+00	1.84E+00	7.73E-07	1.84E+00	1.93E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+01
WH36596349C	1.22E-03	1.95E-01	1.02E-02	2.04E-01	0.00E+00	0.00E+00	7.10E-01	1.76E-06	5.37E-04	2.04E-03	0.00E+00	-6.80E-04	1.22E-10	5.65E-09	9.99E-03	3.29E-01	0.00E+00	0.00E+00	6.74E-01	7.88E-03	1.86E+00	0.00E+00	1.48E-08	8.27E-09	6.00E-04	2.67E-07	1.39E-01	0.00E+00	1.86E+00	7.65E-07	1.86E+00	1.94E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.78E+01
WH36596349Q	1.86E-03	3.59E-01	1.67E-02	3.37E-01	0.00E+00	0.00E+00	7.99E-01	1.92E-06	7.99E-04	3.09E-03	0.00E+00	-7.10E-04	1.33E-10	8.15E-09	8.15E-03	3.61E-01	0.00E+00	0.00E+00	8.56E-01	9.98E-03	2.44E+00	0.00E+00	2.00E-08	9.45E-09	7.97E-04	3.57E-07	1.88E-01	0.00E+00	2.44E+00	7.58E-07	2.44E+00	2.65E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
WH36597200A	5.49E-04	3.89E-02	2.79E-03	3.75E-02	0.00E+00	0.00E+00	1.95E-01	4.67E-07	2.89E-04	3.57E-04	0.00E+00	-2.06E-04	3.60E-11	3.09E-09	1.33E-03	9.20E-02	0.00E+00	0.00E+00	1.70E-01	9.18E-04	3.44E-01	0.00E+00	2.73E-09	1.84E-09	9.43E-05	2.55E-08	3.22E-02	0.00E+00	3.44E-01	1.19E-07	3.44E-01	3.72E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	6.56E+00
WH36597200C	5.77E-04	3.96E-02	3.00E-03	4.88E-02	0.00E+00	0.00E+00	2.04E-01	5.25E-07	2.92E-04	3.78E-04	0.00E+00	-2.06E-04	3.62E-11	3.12E-09	2.83E-03	9.50E-02	0.00E+00	0.00E+00	1.77E-01	9.18E-04	3.45E-01	0.00E+00	2.74E-09	1.91E-09	1.01E-04	2.55E-08	3.29E-02	0.00E+00	3.45E-01	1.17E-07	3.45E-01	3.72E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	6.78E+00
WH36597200Q	6.19E-04	3.95E-02	2.91E-03	6.59E-02	0.00E+00	0.00E+00	2.05E-01	5.55E-07	2.93E-04	4.47E-04	0.00E+00	-2.28E-04	3.67E-11	3.28E-09	1.37E-03	1.30E-01	0.00E+00	0.00E+00	1.82E-01	1.80E-03	3.71E-01	0.00E+00	2.88E-09	2.21E-09	1.11E-04	3.49E-08	3.39E-02	0.00E+00	3.71E-01	2.70E-07	3.71E-01	3.93E-01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH36597203A	5.49E-04	3.89E-02	2.79E-03	3.75E-02	0.00E+00	0.00E+00	1.95E-01	4.67E-07	2.89E-04	3.57E-04	0.00E+00	-2.06E-04	3.60E-11	3.09E-09	1.33E-03	9.20E-02	0.00E+00	0.00E+00	1.70E-01	9.18E-04	3.44E-01	0.00E+00	2.73E-09	1.84E-09	9.43E-05	2.55E-08	3.22E-02	0.00E+00	3.44E-01	1.19E-07	3.44E-01	3.72E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	6.56E+00
WH36597203C	5.77E-04	3.96E-02	3.00E-03	4.88E-02	0.00E+00	0.00E+00	2.04E-01	5.25E-07	2.92E-04	3.78E-04	0.00E+00	-2.06E-04	3.62E-11	3.12E-09	2.83E-03	9.50E-02	0.00E+00	0.00E+00	1.77E-01	9.18E-04	3.45E-01	0.00E+00	2.74E-09	1.91E-09	1.01E-04	2.55E-08	3.29E-02	0.00E+00	3.45E-01	1.17E-07	3.45E-01	3.72E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	6.78E+00
WH36597203Q	6.19E-04	3.95E-02	2.91E-03	6.59E-02	0.00E+00	0.00E+00	2.05E-01	5.45E-07	2.93E-04	4.47E-04	0.00E+00	-2.28E-04	3.67E-11	3.28E-09	1.37E-03	1.30E-01	0.00E+00	0.00E+00	1.82E-01	1.80E-03	3.71E-01	0.00E+00	2.88E-09	2.21E-09	1.11E-04	3.49E-08	3.39E-02	0.00E+00	3.71E-01	2.49E-07	3.71E-01	3.93E-01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH36597205A	5.49E-04	3.89E-02	2.79E-03	3.75E-02	0.00E+00	0.00E+00	1.95E-01	4.67E-07	2.89E-04	3.57E-04	0.00E+00	-2.06E-04	3.60E-11	3.09E-09	1.33E-03	9.20E-02	0.00E+00	0.00E+00	1.70E-01	9.18E-04	3.44E-01	0.00E+00	2.73E-09	1.84E-09	9.43E-05	2.55E-08	3.22E-02	0.00E+00	3.44E-01	1.19E-07	3.44E-01	3.72E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	6.56E+00
WH36597205C	5.77E-04	3.96E-02	3.00E-03	4.88E-02	0.00E+00	0.00E+00	2.04E-01	5.25E-07	2.92E-04	3.78E-04	0.00E+00	-2.06E-04	3.62E-11	3.12E-09	2.83E-03	9.50E-02	0.00E+00	0.00E+00	1.77E-01	9.18E-04	3.45E-01	0.00E+00	2.74E-09	1.91E-09	1.01E-04	2.55E-08	3.29E-02	0.00E+00	3.45E-01	1.17E-07	3.45E-01	3.72E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	6.78E+00
WH36597205Q	6.19E-04	3.95E-02	2.91E-03	6.59E-02	0.00E+00	0.00E+00	2.05E-01	5.45E-07	2.93E-04	4.47E-04	0.00E+00	-2.28E-04	3.67E-11	3.28E-09	1.37E-03	1.30E-01	0.00E+00	0.00E+00	1.82E-01	1.80E-03	3.71E-01	0.00E+00	2.88E-09	2.21E-09	1.11E-04	3.49E-08	3.39E-02	0.00E+00	3.71E-01	2.49E-07	3.71E-01	3.93E-01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	6.59E+00
WH36597249A	1.27E-03	2.64E-01	2.11E-02	2.07E-01	0.00E+00	0.00E+00	7.29E-01	1.64E-06	5.91E-04	1.79E-03	0.00E+00	-3.49E-04	1.28E-10	7.11E-09	6.25E-03	2.86E-01	0.00E+00	0.00E+00	7.61E-01	9.95E-03	1.61E+00	0.00E+00	1.37E-08	6.72E-09	5.27E-04	5.66E-07	1.30E-01	0.00E+00	1.61E+00	6.06E-07	1.61E+00	1.77E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.43E+01
WH36597249C	1.18E-03	2.61E-01	2.08E-02	2.07E-01	0.00E+00	0.00E+00	7.35E-01	1.63E-06	5.87E-04	1.79E-03	0.00E+00	-3.35E-04	1.28E-10	7.15E-09	7.15E-03	2.92E-01	0.00E+00	0.00E+00	7.61E-01	1.02E-02	1.62E+00	0.00E+00	1.38E-08	6.69E-09	5.27E-04	5.70E-07	1.28E-01	0.00E+00	1.62E+00	6.07E-07	1.62E+00	1.78E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.36E+01
WH36598200A	7.51E-04	1.32E-01	1.40E-02	1.00E-01	0.00E+00	0.00E+00	5.37E-01	1.12E-06	4.98E-04	9.88E-04	0.00E+00	-3.21E-04	9.61E-11	5.33E-09	4.12E-03	1.85E-01	0.00E+00	0.00E+00	5.24E-01	5.08E-03	9.15E-01	0.00E+00	7.52E-09	3.95E-09	2.91E-04	3.96E-07	8.07E-02	0.00E+00	9.15E-01	2.44E-07	9.15E-01	1.03E+00	8.07E-02	0.00E+00	0.00E+00	0.00E+00	1.61E+01
WH36598200Q	2.28E-03	3.39E-01	2.27E-02	2.95E-01	0.00E+00	0.00E+00	1.14E+00	3.09E-06	8.32E-04	2.96E-03	0.00E+00	-1.26E-03	2.18E-10	7.90E-09	1.26E-02	5.01E-01	0.00E+00	0.00E+00	1.25E+00	1.29E-02	3.56E+00	0.00E+00	2.83E-08	1.37E-08	8.67E-04	6.20E-07	2.30E-01	0.00E+00	3.56E+00	9.75E-07	3.56E+00	3.69E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	4.37E+01
WH36598203A	7.47E-04	1.33E-01	1.40E-02	9.97E-02	0.00E+00	0.00E+00	5.41E-01	1.10E-06	4.89E-04	9.85E-04	0.00E+00	-3.22E-04	9.46E-11	5.24E-09	3.95E-03	1.85E-01	0.00E+00	0.00E+00	5.19E-01	5.04E-03	9.04E-01	0.00E+00	7.27E-09	3.92E-09	2.91E-04	3.98E-07	8.01E-02	0.00E+00	9.04E-01	2.48E-07	9.04E-01	1.01E+00	8.01E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
WH36599200A	5.08E-04	6.43E-02	2.98E-03	8.03E-02	0.00E+00	0.00E+00	1.91E-01	4.12E-07	3.56E-04	4.55E-04	0.00E+00	-2.14E-04	3.47E-11	3.25E-09	1.26E-03	1.03E-01	0.00E+00	0.00E+00	1.83E-01	7.92E-04	3.53E-01	0.00E+00	2.69E-09	1.76E-09	1.21E-04	1.77E-08	3.19E-02	0.00E+00	3.53E-01	9.56E-08	3.53E-01	3.84E-01	3.19E-02	0.00E+00	0.00E+00	0.00E+00	6.32E+00
WH36599200C	1.20E-03	2.61E-01	2.11E-02	2.02E-01	0.00E+00	0.00E+00	6.82E-01	1.39E-06	6.97E-04	1.79E-03	0.00E+00	-5.10E-04	1.21E-10	7.80E-09	6.38E-03	2.86E-01	5.05E-06	0.00E+00	7.22E-01	1.53E-02	1.53E+00	0.00E+00	1.31E-08	6.30E-09	5.33E-04	6.10E-07	1.24E-01	0.00E+00	1.53E+00	5.40E-07	1.53E+00	1.65E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
WH36599200Q	2.29E-03	3.41E-01	2.31E-02	2.95E-01	0.00E+00	0.00E+00	1.15E+00	3.11E-06	8.41E-04	2.97E-03	0.00E+00	-1.26E-03	2.19E-10	8.30E-09	1.26E-02	5.13E-01	0.00E+00	0.00E+00	1.24E+00	1.41E-02	3.57E+00	0.00E+00	2.83E-08	1.38E-08	8.68E-04	6.29E-07	2.31E-01	0.00E+00	3.57E+00	9.69E-07	3.57E+00	3.70E+00	2.31E-01	0.00E+00	0.00E+00	0.00E+00	4.35E+01
WH36599203A	5.08E-04	6.43E-02	2.98E-03	8.03E-02	0.00E+00	0.00E+00	1.91E-01	4.12E-07	3.56E-04	4.55E-04	0.00E+00	-2.14E-04	3.47E-11	3.25E-09	1.26E-03	1.03E-01	0.00E+00	0.00E+00	1.83E-01	7.92E-04	3.53E-01	0.00E+00	2.69E-09	1.76E-09	1.21E-04	1.77E-08	3.19E-02	0.00E+00	3.53E-01	9.56E-08	3.53E-01	3.84E-01	3.19E-02	0.00E+00	0.00E+00	0.00E+00	6.32E+00
WH36599203C	1.20E-03	2.61E-01	2.11E-02	2.02E-01	0.00E+00	0.00E+00	6.82E-01	1.39E-06	6.97E-04	1.79E-03	0.00E+00	-5.10E-04	1.21E-10	7.80E-09	6.38E-03	2.86E-01	5.05E-06	0.00E+00	7.22E-01	1.53E-02	1.53E+00	0.00E+00	1.31E-08	6.30E-09	5.33E-04	6.10E-07	1.24E-01	0.00E+00	1.53E+00	5.40E-07	1.53E+00	1.65E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
WH36599203Q	2.29E-03	3.41E-01	2.31E-02	2.95E-01	0.00E+00	0.00E+00	1.15E+00	3.11E-06	8.37E-04	2.97E-03	0.00E+00	-1.26E-03	2.19E-10	8.29E-09	1.26E-02	5.13E-01	0.00E+00	0.00E+00	1.24E+00	1.40E-02	3.57E+00	0.00E+00	2.83E-08	1.38E-08	8.68E-04	6.29E-07	2.31E-01	0.00E+00	3.57E+00	9.72E-07	3.57E+00	3.70E+00	2.31E-01	0.00E+00	0.00E+00	0.00E+00	4.35E+01
WH36599205C	1.20E-03	2.61E-01	2.11E-02	2.02E-01	0.00E+00	0.00E+00	6.82E-01	1.39E-06	6.97E-04	1.79E-03	0.00E+00	-5.10E-04	1.21E-10	7.80E-09	6.38E-03	2.86E-01	5.05E-06	0.00E+00	7.22E-01	1.53E-02	1.53E+00	0.00E+00	1.31E-08	6.30E-09	5.33E-04	6.10E-07	1.24E-01	0.00E+00	1.53E+00	5.40E-07	1.53E+00	1.65E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
WH36599205Q	2.29E-03	3.41E-01	2.31E-02	2.95E-01	0.00E+00	0.00E+00	1.15E+00	3.11E-06	8.40E-04	2.97E-03	0.00E+00	-1.26E-03	2.19E-10	8.30E-09	1.26E-02	5.13E-01	0.00E+00	0.00E+00	1.24E+00	1.41E-02	3.57E+00	0.00E+00	2.83E-08	1.38E-08	8.68E-04	6.29E-07	2.31E-01	0.00E+00	3.57E+00	9.69E-07	3.57E+00	3.70E+00	2.31E-01	0.00E+00	0.00E+00	0.00E+00	4.35E+01
WH36599249Q	2.29E-03	3.41E-01	2.31E-02	2.95E-01	0.00E+00	0.00E+00	1.15E+00	3.11E-06	8.37E-04	2.97E-03	0.00E+00	-1.26E-03	2.19E-10	8.29E-09	1.26E-02	5.13E-01	0.00E+00	0.00E+00	1.24E+00	1.40E-02	3.57E+00	0.00E+00	2.83E-08	1.38E-08	8.68E-04	6.29E-07	2.31E-01	0.00E+00	3.57E+00	9.72E-07	3.57E+00	3.70E+00	2.31E-01	0.00E+00	0.00E+00	0.00E+00	4.35E+01
WH36600700Q	2.61E-03	4.07E-01	1.28E-02	3.94E-01	0.00E+00	0.00E+00	2.85E+00	4.99E-06	9.94E-04	3.81E-03	0.00E+00	1.63E-02	1.35E-08	1.16E-08	1.68E-02	7.01E-01	0.00E+00	0.00E+00	1.72E+00	7.59E-03	5.00E+00	0.00E+00	3.94E-08	1.97E-08	1.18E-03	2.26E-07	3.12E-01	0.00E+00	5.00E+00	2.14E-06	5.00E+00	5.31E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.27E+01
WH36600800Q	2.61E-03	4.07E-01	1.28E-02	3.94E-01	0.00E+00	0.00E+00	2.85E+00	4.99E-06	9.94E-04	3.81E-03	0.00E+00	1.63E-02	1.35E-08	1.16E-08	1.68E-02	7.01E-01	0.00E+00	0.00E+00	1.72E+00	7.59E-03	5.00E+00	0.00E+00	3.94E-08	1.97E-08	1.18E-03	2.26E-07	3.12E-01	0.00E+00	5.00E+00	2.14E-06	5.00E+00	5.31E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.27E+01
WH36620300A	5.53E-04	8.01E-02	1.38E-02	9.39E-02	0.00E+00	0.00E+00	2.33E-01	5.71E-07	3.80E-04	6.58E-04	0.00E+00	-1.45E-03	4.91E-11	2.47E-09	2.00E-03	2.04E-01	0.00E+00	0.00E+00	2.71E-01	1.92E-02	4.97E-01	0.00E+00	3.98E-09	3.18E-09	1.87E-04	4.46E-07	4.99E-02	0.00E+00	4.97E-01	-1.64E-08	4.97E-01	5.37E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	9.68E+00
WH36620300C	1.16E-03	1.73E-01	1.81E-02	1.55E-01	0.00E+00	0.00E+00	6.54E-01	1.42E-06	5.73E-04	1.51E-03	0.00E+00	-1.78E-03	1.10E-10	5.86E-09	1.04E-02	3.73E-01	0.00E+00	0.00E+00	6.25E-01	2.35E-02	1.67E+00	0.00E+00	1.28E-08	6.60E-09	4.43E-04	5.83E-07	1.19E-01	0.00E+00	1.67E+00	2.94E-07	1.67E+00	1.79E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.27E+01

WH36620300Q	5.66E-04	8.01E-02	1.38E-02	9.63E-02	0.00E+00	0.00E+00	2.33E-01	6.56E-07	3.85E-04	6.80E-04	0.00E+00	-1.45E-03	4.91E-11	2.52E-09	2.00E-03	2.09E-01	0.00E+00	0.00E+00	2.71E-01	1.91E-02	5.35E-01	0.00E+00	4.13E-09	4.68E-09	1.92E-04	4.47E-07	5.47E-02	0.00E+00	5.35E-01	2.15E-07	5.35E-01	5.60E-01	5.47E-02	0.00E+00	0.00E+00	0.00E+00	9.68E+00
WH36620303A	5.46E-04	8.05E-02	1.40E-02	9.44E-02	0.00E+00	0.00E+00	2.33E-01	5.62E-07	3.74E-04	6.46E-04	0.00E+00	-1.44E-03	4.91E-11	2.59E-09	1.96E-03	1.90E-01	0.00E+00	0.00E+00	2.73E-01	1.95E-02	4.95E-01	0.00E+00	3.90E-09	3.20E-09	1.86E-04	4.51E-07	5.07E-02	0.00E+00	4.95E-01	-1.59E-08	4.95E-01	5.43E-01	5.07E-02	0.00E+00	0.00E+00	0.00E+00	9.87E+00
WH36620303C	5.94E-04	8.17E-02	1.40E-02	1.03E-01	0.00E+00	0.00E+00	2.47E-01	6.03E-07	3.76E-04	6.91E-04	0.00E+00	-1.46E-03	4.93E-11	2.82E-09	4.27E-03	1.94E-01	0.00E+00	0.00E+00	2.81E-01	2.17E-02	4.95E-01	0.00E+00	3.95E-09	3.27E-09	1.94E-04	5.30E-07	5.13E-02	0.00E+00	4.95E-01	1.52E-08	4.95E-01	5.38E-01	5.13E-02	0.00E+00	0.00E+00	0.00E+00	1.01E+01
WH36620303Q	1.69E-03	2.60E-01	1.76E-02	2.43E-01	0.00E+00	0.00E+00	9.04E-01	2.78E-06	6.62E-04	2.53E-03	0.00E+00	-1.55E-03	1.42E-10	6.48E-09	1.04E-02	4.40E-01	0.00E+00	0.00E+00	1.06E+00	2.05E-02	3.08E+00	0.00E+00	2.45E-08	1.23E-08	7.65E-04	5.15E-07	1.92E-01	0.00E+00	3.08E+00	1.16E-06	3.08E+00	3.27E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	3.86E+01
WH36620305A	5.46E-04	8.05E-02	1.40E-02	9.44E-02	0.00E+00	0.00E+00	2.33E-01	5.62E-07	3.74E-04	6.46E-04	0.00E+00	-1.44E-03	4.91E-11	2.59E-09	1.96E-03	1.90E-01	0.00E+00	0.00E+00	2.73E-01	1.95E-02	4.95E-01	0.00E+00	3.90E-09	3.20E-09	1.86E-04	4.51E-07	5.07E-02	0.00E+00	4.95E-01	-1.59E-08	4.95E-01	5.43E-01	5.07E-02	0.00E+00	0.00E+00	0.00E+00	9.87E+00
WH36620305C	5.94E-04	8.17E-02	1.40E-02	1.03E-01	0.00E+00	0.00E+00	2.47E-01	6.03E-07	3.76E-04	6.91E-04	0.00E+00	-1.46E-03	4.93E-11	2.82E-09	4.27E-03	1.94E-01	0.00E+00	0.00E+00	2.81E-01	2.17E-02	4.95E-01	0.00E+00	3.95E-09	3.27E-09	1.94E-04	5.30E-07	5.13E-02	0.00E+00	4.95E-01	1.52E-08	4.95E-01	5.38E-01	5.13E-02	0.00E+00	0.00E+00	0.00E+00	1.01E+01
WH36620305Q	5.63E-04	8.05E-02	1.39E-02	9.75E-02	0.00E+00	0.00E+00	2.33E-01	6.70E-07	3.75E-04	6.86E-04	0.00E+00	-1.44E-03	4.91E-11	2.65E-09	2.00E-03	2.12E-01	0.00E+00	0.00E+00	2.74E-01	1.94E-02	5.32E-01	0.00E+00	4.11E-09	4.71E-09	1.93E-04	4.55E-07	5.57E-02	0.00E+00	5.32E-01	2.15E-07	5.32E-01	5.63E-01	5.57E-02	0.00E+00	0.00E+00	0.00E+00	9.87E+00
WH36620349A	5.46E-04	8.05E-02	1.40E-02	9.44E-02	0.00E+00	0.00E+00	2.33E-01	5.62E-07	3.74E-04	6.46E-04	0.00E+00	-1.44E-03	4.91E-11	2.59E-09	1.96E-03	1.90E-01	0.00E+00	0.00E+00	2.73E-01	1.95E-02	4.95E-01	0.00E+00	3.90E-09	3.20E-09	1.86E-04	4.51E-07	5.07E-02	0.00E+00	4.95E-01	-1.59E-08	4.95E-01	5.43E-01	5.07E-02	0.00E+00	0.00E+00	0.00E+00	9.87E+00
WH36620349C	5.94E-04	8.17E-02	1.40E-02	1.03E-01	0.00E+00	0.00E+00	2.47E-01	6.03E-07	3.76E-04	6.91E-04	0.00E+00	-1.46E-03	4.93E-11	2.82E-09	4.27E-03	1.94E-01	0.00E+00	0.00E+00	2.81E-01	2.17E-02	4.95E-01	0.00E+00	3.95E-09	3.27E-09	1.94E-04	5.30E-07	5.13E-02	0.00E+00	4.95E-01	1.52E-08	4.95E-01	5.38E-01	5.13E-02	0.00E+00	0.00E+00	0.00E+00	1.01E+01
WH36620349Q	5.61E-04	8.05E-02	1.39E-02	9.75E-02	0.00E+00	0.00E+00	2.33E-01	6.69E-07	3.75E-04	6.81E-04	0.00E+00	-1.44E-03	4.91E-11	2.65E-09	2.00E-03	2.11E-01	0.00E+00	0.00E+00	2.74E-01	1.94E-02	5.32E-01	0.00E+00	4.11E-09	4.67E-09	1.93E-04	4.56E-07	5.55E-02	0.00E+00	5.32E-01	2.13E-07	5.32E-01	5.60E-01	5.55E-02	0.00E+00	0.00E+00	0.00E+00	9.87E+00
WH36622300A	4.70E-04	8.00E-02	2.01E-03	8.57E-02	0.00E+00	0.00E+00	2.28E-01	3.86E-07	3.70E-04	5.88E-04	0.00E+00	-2.14E-04	4.87E-11	2.52E-09	1.43E-03	9.13E-02	0.00E+00	0.00E+00	2.57E-01	8.44E-04	3.60E-01	0.00E+00	3.05E-09	1.83E-09	1.69E-04	1.58E-08	4.43E-02	0.00E+00	3.60E-01	4.56E-08	3.60E-01	3.99E-01	4.43E-02	0.00E+00	0.00E+00	0.00E+00	9.28E+00
WH36622300C	5.31E-04	8.05E-02	2.21E-03	9.46E-02	0.00E+00	0.00E+00	2.44E-01	4.70E-07	3.85E-04	6.37E-04	0.00E+00	-2.14E-04	4.90E-11	2.78E-09	2.96E-03	9.51E-02	0.00E+00	0.00E+00	2.65E-01	8.45E-04	3.66E-01	0.00E+00	3.09E-09	1.96E-09	1.77E-04	1.54E-08	4.50E-02	0.00E+00	3.66E-01	4.51E-08	3.66E-01	4.03E-01	4.50E-02	0.00E+00	0.00E+00	0.00E+00	9.51E+00
WH36622300Q	5.45E-04	8.00E-02	2.11E-03	9.12E-02	0.00E+00	0.00E+00	2.33E-01	4.70E-07	3.93E-04	6.24E-04	0.00E+00	-2.34E-04	4.88E-11	2.70E-09	1.45E-03	1.35E-01	0.00E+00	0.00E+00	2.61E-01	1.46E-03	3.97E-01	0.00E+00	3.27E-09	2.22E-09	1.81E-04	2.55E-08	4.55E-02	0.00E+00	3.97E-01	2.67E-07	3.97E-01	4.21E-01	4.55E-02	0.00E+00	0.00E+00	0.00E+00	9.35E+00
WH36622303A	4.73E-04	8.04E-02	1.89E-03	8.73E-02	0.00E+00	0.00E+00	2.28E-01	4.01E-07	3.69E-04	5.98E-04	0.00E+00	-2.14E-04	4.86E-11	2.60E-09	1.42E-03	9.04E-02	0.00E+00	0.00E+00	2.59E-01	6.91E-04	3.55E-01	0.00E+00	3.04E-09	1.86E-09	1.70E-04	8.01E-09	4.52E-02	0.00E+00	3.55E-01	5.60E-08	3.55E-01	3.97E-01	4.52E-02	0.00E+00	0.00E+00	0.00E+00	9.41E+00
WH36622303C	5.38E-04	8.11E-02	2.08E-03	9.59E-02	0.00E+00	0.00E+00	2.46E-01	4.85E-07	3.79E-04	6.44E-04	0.00E+00	-2.14E-04	4.88E-11	2.82E-09	2.94E-03	9.45E-02	0.00E+00	0.00E+00	2.68E-01	6.91E-04	3.60E-01	0.00E+00	3.09E-09	1.99E-09	1.78E-04	7.57E-09	4.59E-02	0.00E+00	3.60E-01	5.47E-08	3.60E-01	4.01E-01	4.59E-02	0.00E+00	0.00E+00	0.00E+00	9.63E+00
WH36622303Q	5.38E-04	8.03E-02	2.00E-03	9.31E-02	0.00E+00	0.00E+00	2.34E-01	4.84E-07	3.82E-04	6.31E-04	0.00E+00	-2.34E-04	4.87E-11	2.79E-09	1.43E-03	1.34E-01	0.00E+00	0.00E+00	2.64E-01	1.31E-03	3.92E-01	0.00E+00	3.26E-09	2.25E-09	1.81E-04	1.77E-08	4.64E-02	0.00E+00	3.92E-01	2.59E-07	3.92E-01	4.19E-01	4.64E-02	0.00E+00	0.00E+00	0.00E+00	9.47E+00
WH36622305A	4.73E-04	8.04E-02	1.89E-03	8.73E-02	0.00E+00	0.00E+00	2.28E-01	4.01E-07	3.69E-04	5.98E-04	0.00E+00	-2.14E-04	4.86E-11	2.60E-09	1.42E-03	9.04E-02	0.00E+00	0.00E+00	2.59E-01	6.91E-04	3.55E-01	0.00E+00	3.04E-09	1.86E-09	1.70E-04	8.01E-09	4.52E-02	0.00E+00	3.55E-01	5.60E-08	3.55E-01	3.97E-01	4.52E-02	0.00E+00	0.00E+00	0.00E+00	9.41E+00
WH36622305C	5.38E-04	8.11E-02	2.08E-03	9.59E-02	0.00E+00	0.00E+00	2.46E-01	4.85E-07	3.79E-04	6.44E-04	0.00E+00	-2.14E-04	4.88E-11	2.82E-09	2.94E-03	9.45E-02	0.00E+00	0.00E+00	2.68E-01	6.91E-04	3.60E-01	0.00E+00	3.09E-09	1.99E-09	1.78E-04	7.57E-09	4.59E-02	0.00E+00	3.60E-01	5.47E-08	3.60E-01	4.01E-01	4.59E-02	0.00E+00	0.00E+00	0.00E+00	9.63E+00
WH36622305Q	5.38E-04	8.03E-02	2.00E-03	9.31E-02	0.00E+00	0.00E+00	2.34E-01	4.84E-07	3.84E-04	6.31E-04	0.00E+00	-2.34E-04	4.87E-11	2.80E-09	1.43E-03	1.34E-01	0.00E+00	0.00E+00	2.64E-01	1.31E-03	3.92E-01	0.00E+00	3.26E-09	2.25E-09	1.81E-04	1.77E-08	4.64E-02	0.00E+00	3.92E-01	2.59E-07	3.92E-01	4.19E-01	4.64E-02	0.00E+00	0.00E+00	0.00E+00	9.47E+00
WH36622349A	1.27E-03	2.68E-01	2.16E-02	2.07E-01	0.00E+00	0.00E+00	6.74E-01	1.22E-06	7.12E-04	1.79E-03	0.00E+00	-5.12E-04	1.19E-10	7.53E-09	5.86E-03	2.73E-01	5.36E-06	0.00E+00	7.96E-01	2.20E-02	1.53E+00	0.00E+00	1.29E-08	6.26E-09	5.28E-04	8.02E-07	1.31E-01	0.00E+00	1.53E+00	5.58E-07	1.53E+00	1.63E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.33E+01
WH36622349Q	2.19E-03	3.49E-01	2.28E-02	3.24E-01	0.00E+00	0.00E+00	1.02E+00	2.71E-06	7.80E-04	3.04E-03	0.00E+00	-1.48E-03	2.06E-10	7.33E-09	1.21E-02	4.90E-01	5.36E-06	0.00E+00	1.24E+00	2.49E-02	3.34E+00	0.00E+00	2.66E-08	1.30E-08	8.50E-04	8.01E-07	2.18E-01	0.00E+00	3.34E+00	8.88E-07	3.34E+00	3.51E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	3.98E+01
WH36625300A	5.71E-04	8.00E-02	1.37E-02	9.37E-02	0.00E+00	0.00E+00	2.33E-01	5.76E-07	3.88E-04	6.59E-04	0.00E+00	-1.42E-03	5.14E-11	2.62E-09	2.00E-03	2.04E-01	0.00E+00	0.00E+00	2.72E-01	1.83E-02	4.97E-01	0.00E+00	4.00E-09	3.22E-09	1.88E-04	4.39E-07	4.99E-02	0.00E+00	4.97E-01	-7.44E-09	4.97E-01	5.37E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	9.68E+00
WH36625300C	1.15E-03	1.72E-01	1.76E-02	1.54E-01	0.00E+00	0.00E+00	6.54E-01	1.42E-06	5.73E-04	1.51E-03	0.00E+00	-1.72E-03	1.10E-10	5.86E-09	1.04E-02	3.73E-01	0.00E+00	0.00E+00	6.25E-01	2.27E-02	1.67E+00	0.00E+00	1.28E-08	6.61E-09	4.43E-04	5.62E-07	1.19E-01	0.00E+00	1.67E+00	3.01E-07	1.67E+00	1.79E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.27E+01
WH36625300Q	1.82E-03	2.77E-01	1.75E-02	2.59E-01	0.00E+00	0.00E+00	9.60E-01	2.94E-06	7.27E-04	2.71E-03	0.00E+00	-1.48E-03	1.52E-10	7.16E-09	1.10E-02	4.69E-01	0.00E+00	0.00E+00	1.12E+00	1.96E-02	3.26E+00	0.00E+00	2.60E-08	1.31E-08	8.18E-04	4.96E-07	2.04E-01	0.00E+00	3.26E+00	1.24E-06	3.26E+00	3.46E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	4.10E+01
WH36625303A	5.56E-04	8.04E-02	1.38E-02	9.46E-02	0.00E+00	0.00E+00	2.33E-01	5.63E-07	3.82E-04	6.47E-04	0.00E+00	-1.44E-03	4.91E-11	2.72E-09	1.96E-03	1.91E-01	0.00E+00	0.00E+00	2.73E-01	1.87E-02	4.95E-01	0.00E+00	3.92E-09	3.21E-09	1.86E-04	4.42E-07	5.07E-02	0.00E+00	4.95E-01	4.94E-09	4.95E-01	5.43E-01	5.07E-02	0.00E+00	0.00E+00	0.00E+00	9.87E+00
WH36625303C	5.96E-04	8.16E-02	1.39E-02	1.03E-01	0.00E+00	0.00E+00	2.47E-01	6.05E-07	3.80E-04	6.88E-04	0.00E+00	-1.45E-03	4.93E-11	2.94E-09	4.24E-03	1.94E-01	0.00E+00	0.00E+00	2.81E-01	2.13E-02	4.95E-01	0.00E+00	3.97E-09	3.29E-09	1.94E-04	5.28E-07	5.13E-02	0.00E+00	4.95E-01	2.11E-09	4.95E-01	5.38E-01	5.13E-02	0.00E+00	0.00E+00	0.00E+00	1.01E+01
WH36625303Q	5.72E-04	8.04E-02	1.38E-02	9.77E-02	0.00E+00	0.00E+00	2.33E-01	6.73E-07	3.83E-04	6.83E-04	0.00E+00	-1.44E-03	4.91E-11	2.79E-09	2.00E-03	2.11E-01	0.00E+00	0.00E+00	2.74E-01	1.87E-02	5.32E-01	0.00E+00	4.13E-09	4.70E-09	1.93E-04	4.48E-07	5.59E-02	0.00E+00	5.32E-01	3.04E-07	5.32E-01	5.60E-01	5.59E-02	0.00E+00	0.00E+00	0.00E+00	9.87E+00
WH36625305A	5.56E-04	8.04E-02	1.38E-02	9.46E-02	0.00E+00	0.00E+00	2.33E-01	5.63E-07	3.82E-04	6.47E-04	0.00E+00	-1.44E-03	4.91E-11	2.72E-09	1.96E-03	1.91E-01	0.00E+00	0.00E+00	2.73E-01	1.87E-02	4.95E-01	0.00E+00	3.92E-09	3.21E-09	1.86E-04	4.42E-07	5.07E-02	0.00E+00	4.95E-01	4.94E-09	4.95E-01	5.43E-01	5.07E-02	0.00E+00	0.00E+00	0.00E+00	9.87E+00
WH36625305C	5.96E-04	8.16E-02	1.39E-02	1.03E-01	0.00E+00	0.00E+00	2.47E-01	6.05E-07	3.80E-04	6.88E-04	0.00E+00	-1.45E-03	4.93E-11	2.94E-09	4.24E-03	1.94E-01	0.00E+00	0.00E+00	2.81E-01	2.13E-02	4.95E-01	0.00E+00	3.97E-09	3.29E-09	1.94E-04	5.28E-07	5.13E-02	0.00E+00	4.95E-01	2.11E-09	4.95E-01	5.38E-01	5.13E-02	0.00E+00	0.00E+00	0.00E+00	1.01E+01
WH36625305Q	5.73E-04	8.04E-02	1.38E-02	9.77E-02	0.00E+00	0.00E+00	2.33E-01	6.73E-07	3.83E-04	6.87E-04	0.00E+00	-1.44E-03	4.91E-11	2.79E-09	2.00E-03	2.12E-01	0.00E+00	0.00E+00	2.74E-01	1.87E-02	5.32E-01	0.00E+00	4.13E-09	4.74E-09	1.93E-04	4.47E-07	5.60E-02	0.00E+00	5.32E-01	3.06E-07	5.32E-01	5.63E-01	5.60E-02	0.00E+00	0.00E+00	0.00E+00	9.87E+00
WH36625349A	5.56E-04	8.04E-02	1.38E-02	9.46E-02	0.00E+00	0.00E+00	2.33E-01	5.63E-07	3.82E-04	6.47E-04	0.00E+00	-1.44E-03	4.91E-11	2.72E-09	1.96E-03	1.91E-01	0.00E+00	0.00E+00	2.73E-01	1.87E-02	4.95E-01	0.00E+00	3.92E-09	3.21E-09	1.86E-04	4.42E-07	5.07E-02	0.00E+00	4.95E-01	4.94E-09	4.95E-01	5.43E-01	5.07E-02	0.00E+00	0.00E+00	0.00E+00	9.87E+00
WH36625349C	5.96E-04	8.16E-02	1.39E-02	1.03E-01	0.00E+00	0.00E+00	2.47E-01	6.05E-07	3.80E-04	6.88E-04	0.00E+00	-1.45E-03	4.93E-11	2.94E-09	4.24E-03	1.94E-01	0.00E+00	0.00E+00	2.81E-01	2.13E-02	4.95E-01	0.00E+00	3.97E-09	3.29E-09	1.94E-04	5.28E-07	5.13E-02	0.00E+00	4.95E-01	2.11E-09	4.95E-01	5.38E-01	5.13E-02	0.00E+00	0.00E+00	0.00E+00	1.01E+01
WH36625349Q	5.72E-04	8.04E-02	1.38E-02	9.77E-02	0.00E+00	0.00E+00	2.33E-01	6.73E-07	3.83E-04	6.83E-04	0.00E+00	-1.44E-03	4.91E-11	2.79E-09	2.00E-03	2.11E-01	0.00E+00	0.00E+00	2.74E-01	1.87E-02	5.32E-01	0.00E+00	4.13E-09	4.70E-09	1.93E-04	4.48E-07	5.59E-02	0.00E+00	5.32E-01	3.04E-07	5.32E-01	5.60E-01	5.59E-02	0.00E+00	0.00E+00	0.00E+00	9.87E+00
WH36627300A	4.75E-04	8.00E-02	2.26E-03	8.57E-02	0.00E+00	0.00E+00	2.28E-01	3.85E-07	3.70E-04	5.88E-04	0.00E+00	-2.14E-04	5.10E-11	2.53E-09	1.43E-03	9.15E-02	0.00E+00	0.00E+00	2.57E-01	8.44E-04	3.60E-01	0.00E+00	3.05E-09	1.83E-09	1.69E-04	1.80E-08	4.43E-02	0.00E+00	3.60E-01	4.56E-08	3.60E-01	3.99E-01	4.43E-02	0.00E+00	0.00E+00	0.00E+00	9.28E+00
WH36627300C	5.37E-04	8.05E-02	2.46E-03	9.46E-02	0.00E+00	0.00E+00	2.45E-01	4.68E-07	3.85E-04	6.37E-04	0.00E+00	-2.14E-04	5.12E-11	2.79E-09	2.96E-03	9.52E-02	0.00E+00	0.00E+00	2.65E-01	8.45E-04	3.66E-01	0.00E+00	3.09E-09	1.96E-09	1.77E-04	1.75E-08	4.50E-02	0.00E+00	3.66E-01	4.51E-08	3.66E-01	4.03E-01	4.50E-02	0.00E+00	0.00E+00	0.00E+00	9.51E+00
WH36627300Q	5.52E-04	8.00E-02	2.36E-03	9.12E-02	0.00E+00	0.00E+00	2.34E-01	4.69E-07	3.93E-04	6.24E-04	0.00E+00	-2.34E-04	5.17E-11	2.70E-09	1.45E-03	1.35E-01	0.00E+00	0.00E+00	2.61E-01	1.46E-03	3.97E-01	0.00E+00	3.27E-09	2.24E-09	1.81E-04	2.76E-08	4.55E-02	0.00E+00	3.97E-01	2.67E-07	3.97E-01	4.21E-01	4.55E-02	0.00E+00	0.00E+00	0.00E+00	9.35E+00
WH36627303A	4.73E-04	8.04E-02	1.89E-03	8.73E-02	0.00E+00	0.00E+00	2.28E-01	4.01E-07	3.69E-04	5.98E-04	0.00E+00	-2.14E-04	4.86E-11	2.60E-09	1.42E-03	9.04E-02	0.00E+00	0.00E+00	2.59E-01	6.91E-04	3.55E-01	0.00E+00	3.04E-09	1.86E-09	1.70E-04	8.01E-09	4.52E-02	0.00E+00	3.55E-01	5.60E-08	3.55E-01	3.97E-01	4.52E-02	0.00E+00	0.00E+00	0.00E+00	9.41E+00
WH36627303Q	5.38E-04	8.03E-02	2.00E-03	9.31E-02	0.00E+00	0.00E+00	2.34E-01	4.84E-07	3.82E-04	6.31E-04	0.00E+00	-2.34E-04	4.87E-11	2.79E-09	1.43E-03	1.34E-01	0.00E+00	0.00E+00	2.64E-01	1.31E-03	3.92E-01	0.00E+00	3.26E-09	2.25E-09	1.81E-04	1.77E-08	4.64E-02	0.00E+00	3.92E-01	2.59E-07	3.92E-01	4.19E-01	4.64E-02	0.00E+00	0.00E+00	0.00E+00	9.47E+00
WH36627305A	4.73E-04	8.04E-02	1.89E-03	8.73E-02	0.00E+00	0.00E+00	2.28E-01	4.01E-07	3.69E-04	5.98E-04	0.00E+00	-2.14E-04	4.86E-11	2.60E-09	1.42E-03	9.04E-02	0.00E+00	0.00E+00	2.59E-01	6.91E-04	3.55E-01	0.00E+00	3.04E-09	1.86E-09	1.70E-04	8.01E-09	4.52E-02	0.00E+00	3.55E-01	5.60E-08	3.55E-01	3.97E-01	4.52E-02	0.00E+00	0.00E+00	0.00E+00	9.41E+00
WH36627305Q	5.38E-04	8.03E-02	2.00E-03	9.31E-02	0.00E+00	0.00E+00	2.34E-01	4.84E-07	3.84E-04	6.31E-04	0.00E+00	-2.34E-04	4.87E-11	2.80E-09	1.43E-03	1.34E-01	0.00E+00	0.00E+00	2.64E-01	1.31E-03	3.92E-01	0.00E+00	3.26E-09	2.25E-09	1.81E-04	1.77E-08	4.64E-02	0.00E+00	3.92E-01	2.59E-07	3.92E-01	4.19E-01	4.64E-02	0.00E+00	0.00E+00	0.00E+00	9.47E+00
WH36627349Q	2.19E-03	3.49E-01	2.28E-02	3.24E-01	0.00E+00	0.00E+00	1.02E+00	2.71E-06	7.80E-04	3.04E-03	0.00E+00	-1.48E-03	2.06E-10	7.33E-09	1.21E-02	4.90E-01	5.36E-06	0.00E+00	1.24E+00	2.49E-02	3.34E+00	0.00E+00	2.66E-08	1.30E-08	8.50E-04	8.01E-07	2.18E-01	0.00E+00	3.34E+00	8.88E-07	3.34E+00	3.51E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	3.98E+01
WH36640300A	6.90E-04	2.16E-01	1.43E-02	2.02E-01	0.00E+00	0.00E+00	4.26E-01	6.27E-07	3.21E-04	1.66E-03	0.00E+00	-1.47E-03	8.43E-11	2.85E-09	3.68E-03	1.64E-01	0.00E+00	0.00E+00	3.48E-01	1.94E-02	8.61E-01	0.00E+00	7.89E-09	3.95E-09	4.04E-04	4.81E-07	6.85E-02	0.00E+00	8.61E-01	-2.98E-08	8.61E-01	9.29E-01	6.85E-02	0.00E+00	0.00E+00	0.00E+00	1.21E+01
WH36640300C	7.50E-04	2.36E-01	1.67E-02	2.19E-01	0.00E+00	0.00E+00	4.89E-01	6.15E-07	3.35E-04	1.82E-03	0.00E+00	-1.70E-03	9.30E-11	2.96E-09	8.93E-03	2.88E-01	0.00E+00	0.00E+00	3.77E-01	2.25E-02	1.12E+00	0.00E+00	9.33E-09	4.68E-09	4.47E-04	5.58E-07	8.01E-02	0.00E+00	1.12E+00	-4.58E-08	1.12E+00	1.20E+00	8.01E-02	0.00E+00	0.00E+00	0.00E+00	1.30E+01
WH36640300Q	1.11E-03	4.24E-01	1.58E-02	4.08E-01	0.00E+00	0.00E+00	5.53E-01	6.31E-07	4.57E-04	3.28E-03	0.00E+00	-1.47E-03	1.20E-10	3.24E-09	6.14E-03	2.64E-01	0.00E+00	0.00E+00	4.78E-01	1.94E-02	1.48E+00	0.00E+00	1.43E-08	7.07E-09	7.77E-04	4.92E-07	1.03E-01	0.00E+00	1.48E+00	6.35E-08	1.48E+00	1.58E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	1.61E+01
WH36640303A	1.35E-03	1.67E-01	1.57E-02	1.51E-01	0.00E+00	0.00E+00	6.87E-01	1.56E-06	7.42E-04	1.48E-03	0.00E+00	-1.47E-03	1.21E-10	7.68E-09	5.53E-03	2.90E-01	0.00E+00	0.00E+00	6.82E-01	1.94E-02	1.49E+00	0.00E+00	1.21E-08	6.38E-09	4.41E-04	4.81E-07	1.22E-01	0.00E+00	1.49E+00	3.02E-07	1.49E+00	1.62E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
WH36640303C	1.41E-03	1.86E-01	1.81E-02	1.68E-01	0.00E+00	0.00E+00	7.50E-01	1.55E-06	7.57E-04	1.64E-03	0.00E+00	-1.70E-03	1.29E-10	7.79E-09	1.08E-02	4.14E-01	0.00E+00	0.00E+00	7.10E-01	2.25E-02	1.75E+00	0.00E+00	1.35E-08	7.12E-09	4.84E-04	5.58E-07	1.34E-01	0.00E+00	1.75E+00	2.86E-07	1.75E+00	1.89E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
WH36640303Q	1.96E-03	2.77E-01	1.80E-02	2.59E-01	0.00E+00	0.00E+00	9.97E-01	2.94E-06	8.49E-04	2.69E-03	0.00E+00	-1.52E-03	1.61E-10	8.41E-09	1.09E-02	4.84E-01	0.00E+00	0.00E+00	1.15E+00	2.01E-02	3.21E+00	0.00E+00	2.56E-08	1.30E-08	8.16E-04	5.09E-07	2.09E-01	0.00E+00	3.21E+00	1.17E-06	3.21E+00	3.42E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	4.20E+01
WH36640305A	1.35E-03	1.67E-01	1.57E-02	1.51E-01	0.00E+00	0.00E+00	6.87E-01	1.56E-06	7.42E-04	1.48E-03	0.00E+00	-1.47E-03	1.21E-10	7.68E-09	5.53E-03	2.90E-01	0.00E+00	0.00E+00	6.82E-01	1.94E-02	1.49E+00	0.00E+00	1.21E-08	6.38E-09	4.41E-04	4.81E-07	1.22E-01	0.00E+00	1.49E+00	3.02E-07	1.49E+00	1.62E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
WH36640305C	7.37E-04	2.29E-01	1.67E-02	2.13E-01	0.00E+00	0.00E+00	4.85E-01	6.15E-07	3.31E-04	1.77E-03	0.00E+00	-1.70E-03	9.19E-11	2.94E-09	8.85E-03	2.85E-01	0.00E+00	0.00E+00	3.73E-01	2.25E-02	1.10E+00	0.00E+00	9.13E-09	4.59E-09	4.35E-04	5.58E-07	7.90E-02	0.00E+00	1.10E+00	-4.87E-08	1.10E+00	1.18E+00	7.90E-02	0.00E+00	0.00E+00	0.00E+00	1.29E+01
WH36640305Q	1.99E-03	2.86E-01	1.77E-02	2.68E-01	0.00E+00	0.00E+00	1.02E+00	3.01E-06	8.57E-04	2.79E-03	0.00E+00	-1.47E-03	1.64E-10	8.46E-09	1.11E-02	4.93E-01	0.00E+00	0.00E+00	1.17E+00	1.94E-02	3.28E+00	0.00E+00	2.61E-08	1.33E-08	8.41E-04	4.91E-07	2.13E-01	0.00E+00	3.28E+00	1.20E-06	3.28E+00	3.49E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	4.29E+01
WH36640349A	8.42E-04	8.06E-02	1.39E-02	1.10E-01	0.00E+00	0.00E+00	2.84E-01	6.02E-07	6.82E-04	7.11E-04	0.00E+00	-1.44E-03	5.82E-11	6.67E-09	1.99E-03	2.00E-01	0.00E+00	0.00E+00	2.99E-01	1.86E-02	5.11E-01	0.00E+00	4.02E-09	3.36E-09	2.03E-04	4.43E-07	5.76E-02	0.00E+00	5.11E-01	-1.25E-08	5.11E-01	5.68E-01	5.76E-02	0.00E+00	0.00E+00	0.00E+00	1.09E+01
WH36640349C	1.41E-03	1.86E-01	1.81E-02	1.68E-01	0.00E+00	0.00E+00	7.50E-01	1.55E-06	7.57E-04	1.64E-03	0.00E+00	-1.70E-03	1.29E-10	7.79E-09	1.08E-02	4.14E-01	0.00E+00	0.00E+00	7.10E-01	2.25E-02	1.75E+00	0.00E+00	1.35E-08	7.12E-09	4.84E-04	5.58E-07	1.34E-01	0.00E+00	1.75E+00	2.86E-07	1.75E+00	1.89E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
WH36640349Q	8.37E-04	8.06E-02	1.38E-02	1.12E-01	0.00E+00	0.00E+00	2.84E-01	6.96E-07	6.88E-04	7.32E-04	0.00E+00	-1.44E-03	5.82E-11	6.38E-09	2.04E-03	2.06E-01	0.00E+00	0.00E+00	2.95E-01	1.86E-02	5.45E-01	0.00E+00	4.17E-09	4.84E-09	2.08E-04	4.48E-07	6.30E-02	0.00E+00	5.45E-01	2.72E-07	5.45E-01	5.88E-01	6.30E-02	0.00E+00	0.00E+00	0.00E+00	1.09E+01
WH36640700A	7.40E-04	8.03E-02	1.36E-02	1.09E-01	0.00E+00	0.00E+00	2.83E-01	5.78E-07	6.33E-04	7.07E-04	0.00E+00	-1.44E-03	5.83E-11	5.63E-09	2.04E-03	1.92E-01	0.00E+00	0.00E+00	2.89E-01	1.82E-02	5.12E-01	0.00E+00	4.05E-09	3.32E-09	2.02E-04	4.36E-07	5.68E-02	0.00E+00	5.12E-01	-2.98E-08	5.12E-01	5.65E-01	5.68E-02	0.00E+00	0.00E+00	0.00E+00	1.08E+01
WH36640700C	1.49E-03	1.91E-01	1.83E-02	1.73E-01	0.00E+00	0.00E+00	7.86E-01	1.64E-06	8.01E-04	1.70E-03	0.00E+00	-1.70E-03	1.35E-10	8.25E-09	1.11E-02	4.30E-01	0.00E+00	0.00E+00	7.50E-01	2.25E-02	1.84E+00	0.00E+00	1.42E-08	7.49E-09	5.05E-04	5.58E-07	1.41E-01	0.00E+00	1.84E+00	3.19E-07	1.84E+00	1.98E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
WH36640700Q	7.47E-04	8.03E-02	1.36E-02	1.12E-01	0.00E+00	0.00E+00	2.83E-01	6.75E-07	6.39E-04	7.28E-04	0.00E+00	-1.44E-03	5.83E-11	5.54E-09	2.04E-03	2.01E-01	0.00E+00	0.00E+00	2.89E-01	1.82E-02	5.51E-01	0.00E+00	4.21E-09	4.82E-09	2.07E-04	4.36E-07	6.13E-02	0.00E+00	5.51E-01	2.14E-07	5.51E-01	5.89E-01	6.13E-02	0.00E+00	0.00E+00	0.00E+00	1.08E+01
WH36640703A	8.26E-04	8.07E-02	1.38E-02	1.10E-01	0.00E+00	0.00E+00	2.85E-01	6.00E-07	6.95E-04	7.11E-04	0.00E+00	-1.44E-03	5.83E-11	6.91E-09	2.01E-03	1.99E-01	0.00E+00	0.00E+00	3.00E-01	1.85E-02	5.16E-01	0.00E+00	4.04E-09	3.37E-09	2.03E-04	4.39E-07	5.79E-02	0.00E+00	5.16E-01	-1.38E-08	5.16E-01	5.72E-01	5.79E-02	0.00E+00	0.00E+00	0.00E+00	1.10E+01
WH36640703C	8.55E-04	8.19E-02	1.40E-02	1.15E-01	0.00E+00	0.00E+00	3.02E-01	6.43E-07	7.13E-04	7.44E-04	0.00E+00	-1.46E-03	5.89E-11	6.97E-09	4.34E-03	2.06E-01	0.00E+00	0.00E+00	3.07E-01	2.11E-02	5.17E-01	0.00E+00	4.08E-09	3.42E-09	2.09E-04	5.27E-07	5.81E-02	0.00E+00	5.17E-01	-1.35E-08	5.17E-01	5.69E-01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	1.11E+01
WH36640703Q	8.21E-04	8.07E-02	1.38E-02	1.12E-01	0.00E+00	0.00E+00	2.85E-01	6.94E-07	7.01E-04	7.32E-04	0.00E+00	-1.44E-03	5.83E-11	6.65E-09	2.07E-03	2.05E-01	0.00E+00	0.00E+00	2.97E-01	1.85E-02	5.50E-01	0.00E+00	4.18E-09	4.84E-09	2.08E-04	4.45E-07	6.32E-02	0.00E+00	5.50E-01	2.69E-07	5.50E-01	5.92E-01	6.32E-02	0.00E+00	0.00E+00	0.00E+00	1.10E+01
WH36640705A	8.26E-04	8.07E-02	1.38E-02	1.09E-01	0.00E+00	0.00E+00	2.85E-01	5.86E-07	6.91E-04	7.07E-04	0.00E+00	-1.44E-03	5.83E-11	6.84E-09	2.01E-03	1.92E-01	0.00E+00	0.00E+00	2.99E-01	1.85E-02	5.16E-01	0.00E+00	4.04E-09	3.35E-09	2.03E-04	4.39E-07	5.79E-02	0.00E+00	5.16E-01	-1.59E-08	5.16E-01	5.72E-01	5.79E-02	0.00E+00	0.00E+00	0.00E+00	1.10E+01
WH36640705C	8.55E-04	8.19E-02	1.40E-02	1.15E-01	0.00E+00	0.00E+00	3.02E-01	6.20E-07	6.86E-04	7.41E-04	0.00E+00	-1.46E-03	5.89E-11	6.41E-09	4.29E-03	1.96E-01	0.00E+00	0.00E+00	3.06E-01	2.11E-02	5.17E-01	0.00E+00	4.08E-09	3.40E-09	2.08E-04	5.27E-07	5.81E-02	0.00E+00	5.17E-01	-1.55E-08	5.17E-01	5.69E-01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	1.11E+01
WH36640705Q	8.22E-04	8.07E-02	1.38E-02	1.12E-01	0.00E+00	0.00E+00	2.85E-01	6.95E-07	7.01E-04	7.34E-04	0.00E+00	-1.44E-03	5.83E-11	6.65E-09	2.07E-03	2.06E-01	0.00E+00	0.00E+00	2.97E-01	1.85E-02	5.50E-01	0.00E+00	4.18E-09	4.87E-09	2.08E-04	4.44E-07	6.32E-02	0.00E+00	5.50E-01	2.70E-07	5.50E-01	5.92E-01	6.32E-02	0.00E+00	0.00E+00	0.00E+00	1.10E+01
WH36640749A	8.26E-04	8.07E-02	1.38E-02	1.10E-01	0.00E+00	0.00E+00	2.85E-01	6.00E-07	6.95E-04	7.11E-04	0.00E+00	-1.44E-03	5.83E-11	6.91E-09	2.01E-03	1.99E-01	0.00E+00	0.00E+00	3.00E-01	1.85E-02	5.16E-01	0.00E+00	4.04E-09	3.37E-09	2.03E-04	4.39E-07	5.79E-02	0.00E+00	5.16E-01	-1.38E-08	5.16E-01	5.72E-01	5.79E-02	0.00E+00	0.00E+00	0.00E+00	1.10E+01
WH36640749C	8.55E-04	8.19E-02	1.40E-02	1.15E-01	0.00E+00	0.00E+00	3.02E-01	6.43E-07	7.13E-04	7.44E-04	0.00E+00	-1.46E-03	5.89E-11	6.97E-09	4.34E-03	2.06E-01	0.00E+00	0.00E+00	3.07E-01	2.11E-02	5.17E-01	0.00E+00	4.08E-09	3.42E-09	2.09E-04	5.27E-07	5.81E-02	0.00E+00	5.17E-01	-1.35E-08	5.17E-01	5.69E-01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	1.11E+01
WH36640749Q	8.21E-04	8.07E-02	1.38E-02	1.12E-01	0.00E+00	0.00E+00	2.85E-01	6.94E-07	7.01E-04	7.32E-04	0.00E+00	-1.44E-03	5.83E-11	6.65E-09	2.07E-03	2.05E-01	0.00E+00	0.00E+00	2.97E-01	1.85E-02	5.50E-01	0.00E+00	4.18E-09	4.84E-09	2.08E-04	4.45E-07	6.32E-02	0.00E+00	5.50E-01	2.69E-07	5.50E-01	5.92E-01	6.32E-02	0.00E+00	0.00E+00	0.00E+00	1.10E+01
WH36642300A	7.00E-04	8.02E-02	2.02E-03	9.50E-02	0.00E+00	0.00E+00	2.79E-01	4.08E-07	6.17E-04	6.16E-04	0.00E+00	-2.14E-04	5.78E-11	5.47E-09	1.47E-03	1.00E-01	0.00E+00	0.00E+00	2.75E-01	3.11E-03	3.79E-01	0.00E+00	3.13E-09	1.96E-09	1.85E-04	2.27E-08	5.11E-02	0.00E+00	3.79E-01	4.50E-08	3.79E-01	4.37E-01	5.11E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
WH36642300C	7.38E-04	8.08E-02	2.26E-03	1.01E-01	0.00E+00	0.00E+00	2.98E-01	4.78E-07	6.20E-04	6.56E-04	0.00E+00	-2.14E-04	5.83E-11	5.43E-09	2.99E-03	1.04E-01	0.00E+00	0.00E+00	2.84E-01	3.11E-03	3.85E-01	0.00E+00	3.17E-09	2.08E-09	1.93E-04	2.22E-08	5.15E-02	0.00E+00	3.85E-01	4.44E-08	3.85E-01	4.43E-01	5.15E-02	0.00E+00	0.00E+00	0.00E+00	1.05E+01
WH36642300Q	7.27E-04	8.02E-02	2.13E-03	1.02E-01	0.00E+00	0.00E+00	2.83E-01	4.91E-07	6.26E-04	6.53E-04	0.00E+00	-2.36E-04	5.79E-11	5.55E-09	1.49E-03	1.41E-01	0.00E+00	0.00E+00	2.79E-01	3.72E-03	4.13E-01	0.00E+00	3.31E-09	2.37E-09	1.92E-04	3.24E-08	5.21E-02	0.00E+00	4.13E-01	2.59E-07	4.13E-01	4.55E-01	5.21E-02	0.00E+00	0.00E+00	0.00E+00	1.05E+01
WH36642303A	8.02E-04	8.06E-02	1.92E-03	9.61E-02	0.00E+00	0.00E+00	2.81E-01	4.29E-07	6.73E-04	6.25E-04	0.00E+00	-2.14E-04	5.77E-11	6.74E-09	1.49E-03	1.04E-01	0.00E+00	0.00E+00	2.83E-01	2.96E-03	3.76E-01	0.00E+00	3.12E-09	1.98E-09	1.87E-04	1.50E-08	5.22E-02	0.00E+00	3.76E-01	5.53E-08	3.76E-01	4.37E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
WH36642303C	8.41E-04	8.13E-02	2.13E-03	1.02E-01	0.00E+00	0.00E+00	3.01E-01	5.00E-07	6.59E-04	6.63E-04	0.00E+00	-2.14E-04	5.83E-11	6.31E-09	3.01E-03	1.09E-01	0.00E+00	0.00E+00	2.92E-01	2.96E-03	3.81E-01	0.00E+00	3.17E-09	2.10E-09	1.94E-04	1.45E-08	5.26E-02	0.00E+00	3.81E-01	5.41E-08	3.81E-01	4.43E-01	5.26E-02	0.00E+00	0.00E+00	0.00E+00	1.07E+01
WH36642303Q	8.14E-04	8.05E-02	2.02E-03	1.04E-01	0.00E+00	0.00E+00	2.85E-01	5.09E-07	6.87E-04	6.59E-04	0.00E+00	-2.36E-04	5.78E-11	6.43E-09	1.50E-03	1.44E-01	0.00E+00	0.00E+00	2.88E-01	3.57E-03	4.09E-01	0.00E+00	3.30E-09	2.38E-09	1.93E-04	2.47E-08	5.32E-02	0.00E+00	4.09E-01	2.51E-07	4.09E-01	4.54E-01	5.32E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
WH36642305A	8.02E-04	8.06E-02	1.92E-03	9.61E-02	0.00E+00	0.00E+00	2.81E-01	4.29E-07	6.73E-04	6.25E-04	0.00E+00	-2.14E-04	5.77E-11	6.74E-09	1.49E-03	1.04E-01	0.00E+00	0.00E+00	2.83E-01	2.96E-03	3.76E-01	0.00E+00	3.12E-09	1.98E-09	1.87E-04	1.50E-08	5.22E-02	0.00E+00	3.76E-01	5.53E-08	3.76E-01	4.37E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
WH36642305C	8.41E-04	8.13E-02	2.13E-03	1.02E-01	0.00E+00	0.00E+00	3.01E-01	5.00E-07	6.59E-04	6.63E-04	0.00E+00	-2.14E-04	5.83E-11	6.31E-09	3.01E-03	1.09E-01	0.00E+00	0.00E+00	2.92E-01	2.96E-03	3.81E-01	0.00E+00	3.17E-09	2.10E-09	1.94E-04	1.45E-08	5.26E-02	0.00E+00	3.81E-01	5.41E-08	3.81E-01	4.43E-01	5.26E-02	0.00E+00	0.00E+00	0.00E+00	1.07E+01
WH36642305Q	8.14E-04	8.05E-02	2.02E-03	1.04E-01	0.00E+00	0.00E+00	2.85E-01	5.09E-07	6.87E-04	6.59E-04	0.00E+00	-2.36E-04	5.78E-11	6.42E-09	1.50E-03	1.44E-01	0.00E+00	0.00E+00	2.88E-01	3.57E-03	4.09E-01	0.00E+00	3.30E-09	2.38E-09	1.93E-04	2.47E-08	5.32E-02	0.00E+00	4.09E-01	2.51E-07	4.09E-01	4.54E-01	5.32E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
WH36642349Q	2.20E-03	3.50E-01	2.29E-02	3.24E-01	0.00E+00	0.00E+00	1.02E+00	2.71E-06	7.86E-04	3.04E-03	0.00E+00	-1.48E-03	2.06E-10	7.38E-09	1.21E-02	4.92E-01	5.36E-06	0.00E+00	1.24E+00	2.80E-02	3.36E+00	0.00E+00	2.66E-08	1.30E-08	8.51E-04	8.08E-07	2.18E-01	0.00E+00	3.36E+00	8.61E-07	3.36E+00	3.52E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	3.97E+01
WH36642700Q	7.26E-04	8.03E-02	2.13E-03	1.02E-01	0.00E+00	0.00E+00	2.84E-01	4.87E-07	6.40E-04	6.53E-04	0.00E+00	-2.36E-04	5.80E-11	5.71E-09	1.49E-03	1.40E-01	0.00E+00	0.00E+00	2.81E-01	3.72E-03	4.16E-01	0.00E+00	3.33E-09	2.37E-09	1.91E-04	3.23E-08	5.23E-02	0.00E+00	4.16E-01	2.59E-07	4.16E-01	4.59E-01	5.23E-02	0.00E+00	0.00E+00	0.00E+00	1.05E+01
WH36642703A	7.88E-04	8.07E-02	1.92E-03	9.60E-02	0.00E+00	0.00E+00	2.81E-01	4.26E-07	6.94E-04	6.26E-04	0.00E+00	-2.14E-04	5.79E-11	6.98E-09	1.49E-03	1.03E-01	0.00E+00	0.00E+00	2.85E-01	2.96E-03	3.76E-01	0.00E+00	3.12E-09	1.99E-09	1.87E-04	1.50E-08	5.24E-02	0.00E+00	3.76E-01	5.59E-08	3.76E-01	4.37E-01	5.24E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
WH36642703C	8.35E-04	8.14E-02	2.13E-03	1.02E-01	0.00E+00	0.00E+00	3.01E-01	5.00E-07	6.96E-04	6.64E-04	0.00E+00	-2.14E-04	5.84E-11	6.55E-09	3.01E-03	1.08E-01	0.00E+00	0.00E+00	2.94E-01	2.96E-03	3.81E-01	0.00E+00	3.17E-09	2.11E-09	1.95E-04	1.45E-08	5.29E-02	0.00E+00	3.81E-01	5.46E-08	3.81E-01	4.43E-01	5.29E-02	0.00E+00	0.00E+00	0.00E+00	1.07E+01
WH36642703Q	8.01E-04	8.06E-02	2.02E-03	1.04E-01	0.00E+00	0.00E+00	2.86E-01	5.06E-07	7.03E-04	6.59E-04	0.00E+00	-2.36E-04	5.80E-11	6.69E-09	1.50E-03	1.44E-01	0.00E+00	0.00E+00	2.89E-01	3.57E-03	4.13E-01	0.00E+00	3.32E-09	2.39E-09	1.93E-04	2.46E-08	5.34E-02	0.00E+00	4.13E-01	2.51E-07	4.13E-01	4.59E-01	5.34E-02	0.00E+00	0.00E+00	0.00E+00	1.07E+01
WH36642705A	7.88E-04	8.07E-02	1.92E-03	9.60E-02	0.00E+00	0.00E+00	2.81E-01	4.26E-07	6.94E-04	6.26E-04	0.00E+00	-2.14E-04	5.79E-11	6.98E-09	1.49E-03	1.03E-01	0.00E+00	0.00E+00	2.85E-01	2.96E-03	3.76E-01	0.00E+00	3.12E-09	1.99E-09	1.87E-04	1.50E-08	5.24E-02	0.00E+00	3.76E-01	5.59E-08	3.76E-01	4.37E-01	5.24E-02	0.00E+00	0.00E+00	0.00E+00	1.06E+01
WH36642705Q	8.01E-04	8.06E-02	2.02E-03	1.04E-01	0.00E+00	0.00E+00	2.86E-01	5.06E-07	7.02E-04	6.59E-04	0.00E+00	-2.36E-04	5.80E-11	6.68E-09	1.50E-03	1.44E-01	0.00E+00	0.00E+00	2.89E-01	3.57E-03	4.13E-01	0.00E+00	3.32E-09	2.39E-09	1.93E-04	2.46E-08	5.34E-02	0.00E+00	4.13E-01	2.51E-07	4.13E-01	4.59E-01	5.34E-02	0.00E+00	0.00E+00	0.00E+00	1.07E+01
WH36645300A	1.19E-03	1.68E-01	1.59E-02	1.49E-01	0.00E+00	0.00E+00	6.33E-01	1.17E-06	6.52E-04	1.38E-03	0.00E+00	-1.32E-03	1.15E-10	6.01E-09	5.58E-03	2.58E-01	0.00E+00	0.00E+00	5.95E-01	1.88E-02	1.21E+00	0.00E+00	1.02E-08	5.68E-09	3.79E-04	4.50E-07	1.08E-01	0.00E+00	1.21E+00	1.25E-07	1.21E+00	1.34E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+01
WH36645300C	1.32E-03	2.23E-01	1.60E-02	2.07E-01	0.00E+00	0.00E+00	6.63E-01	9.32E-07	7.67E-04	1.78E-03	0.00E+00	-1.48E-03	1.26E-10	7.62E-09	9.46E-03	3.71E-01	0.00E+00	0.00E+00	5.57E-01	1.95E-02	1.26E+00	0.00E+00	1.03E-08	5.54E-09	4.76E-04	4.87E-07	1.11E-01	0.00E+00	1.26E+00	-3.43E-08	1.26E+00	1.37E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+01
WH36645300Q	1.67E-03	4.11E-01	1.51E-02	3.96E-01	0.00E+00	0.00E+00	7.28E-01	9.49E-07	8.89E-04	3.24E-03	0.00E+00	-1.25E-03	1.53E-10	7.91E-09	6.68E-03	3.47E-01	0.00E+00	0.00E+00	6.57E-01	1.65E-02	1.62E+00	0.00E+00	1.52E-08	7.93E-09	8.05E-04	4.21E-07	1.34E-01	0.00E+00	1.62E+00	7.50E-08	1.62E+00	1.75E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.31E+01
WH36645303A	1.24E-03	1.62E-01	1.60E-02	1.46E-01	0.00E+00	0.00E+00	6.58E-01	1.38E-06	7.28E-04	1.38E-03	0.00E+00	-1.34E-03	1.12E-10	7.51E-09	5.44E-03	2.69E-01	0.00E+00	0.00E+00	6.23E-01	1.93E-02	1.22E+00	0.00E+00	1.01E-08	5.81E-09	3.77E-04	4.58E-07	1.12E-01	0.00E+00	1.22E+00	2.13E-07	1.22E+00	1.36E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01

WH36645303C	1.36E-03	2.23E-01	1.64E-02	1.99E-01	0.00E+00	0.00E+00	7.62E-01	1.66E-06	7.37E-04	1.88E-03	0.00E+00	-1.36E-03	1.19E-10	7.15E-09	9.90E-03	3.83E-01	0.00E+00	0.00E+00	9.01E-01	2.15E-02	1.93E+00	0.00E+00	1.59E-08	7.30E-09	5.59E-04	5.41E-07	1.47E-01	0.00E+00	1.93E+00	2.81E-07	1.93E+00	2.05E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
WH36645303Q	1.87E-03	3.18E-01	1.76E-02	2.78E-01	0.00E+00	0.00E+00	8.48E-01	2.16E-06	8.53E-04	2.66E-03	0.00E+00	-1.35E-03	1.25E-10	8.07E-09	9.15E-03	4.07E-01	0.00E+00	0.00E+00	1.11E+00	1.97E-02	2.56E+00	0.00E+00	2.11E-08	1.07E-08	7.77E-04	4.62E-07	2.01E-01	0.00E+00	2.56E+00	9.03E-07	2.56E+00	2.71E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	3.92E+01
WH36645305A	1.24E-03	1.62E-01	1.60E-02	1.46E-01	0.00E+00	0.00E+00	6.45E-01	1.28E-06	7.24E-04	1.39E-03	0.00E+00	-1.34E-03	1.12E-10	7.46E-09	5.37E-03	2.64E-01	0.00E+00	0.00E+00	6.03E-01	1.93E-02	1.21E+00	0.00E+00	1.01E-08	5.79E-09	3.77E-04	4.59E-07	1.11E-01	0.00E+00	1.21E+00	1.97E-07	1.21E+00	1.35E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+01
WH36645305C	1.32E-03	2.27E-01	1.63E-02	2.06E-01	0.00E+00	0.00E+00	7.45E-01	1.53E-06	7.06E-04	1.89E-03	0.00E+00	-1.36E-03	1.19E-10	6.75E-09	9.65E-03	3.62E-01	0.00E+00	0.00E+00	8.90E-01	2.15E-02	1.91E+00	0.00E+00	1.56E-08	7.16E-09	5.54E-04	5.41E-07	1.45E-01	0.00E+00	1.91E+00	2.50E-07	1.91E+00	2.03E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
WH36645305Q	1.89E-03	3.20E-01	1.76E-02	2.95E-01	0.00E+00	0.00E+00	8.50E-01	2.20E-06	8.55E-04	2.82E-03	0.00E+00	-1.35E-03	1.25E-10	8.07E-09	9.14E-03	4.09E-01	0.00E+00	0.00E+00	1.12E+00	1.96E-02	2.56E+00	0.00E+00	2.12E-08	1.07E-08	8.04E-04	4.59E-07	2.03E-01	0.00E+00	2.56E+00	9.12E-07	2.56E+00	2.72E+00	2.03E-01	0.00E+00	0.00E+00	0.00E+00	4.01E+01
WH36645349A	1.24E-03	1.62E-01	1.60E-02	1.46E-01	0.00E+00	0.00E+00	6.58E-01	1.38E-06	7.28E-04	1.38E-03	0.00E+00	-1.34E-03	1.12E-10	7.51E-09	5.44E-03	2.69E-01	0.00E+00	0.00E+00	6.23E-01	1.93E-02	1.22E+00	0.00E+00	1.01E-08	5.81E-09	3.77E-04	4.58E-07	1.12E-01	0.00E+00	1.22E+00	2.13E-07	1.22E+00	1.36E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
WH36645349C	1.36E-03	2.23E-01	1.64E-02	1.99E-01	0.00E+00	0.00E+00	7.62E-01	1.66E-06	7.37E-04	1.88E-03	0.00E+00	-1.36E-03	1.19E-10	7.15E-09	9.90E-03	3.83E-01	0.00E+00	0.00E+00	9.01E-01	2.15E-02	1.93E+00	0.00E+00	1.59E-08	7.30E-09	5.59E-04	5.41E-07	1.47E-01	0.00E+00	1.93E+00	2.81E-07	1.93E+00	2.05E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
WH36645349Q	1.87E-03	3.18E-01	1.76E-02	2.78E-01	0.00E+00	0.00E+00	8.48E-01	2.16E-06	8.53E-04	2.66E-03	0.00E+00	-1.35E-03	1.25E-10	8.07E-09	9.15E-03	4.07E-01	0.00E+00	0.00E+00	1.11E+00	1.97E-02	2.56E+00	0.00E+00	2.11E-08	1.07E-08	7.77E-04	4.62E-07	2.01E-01	0.00E+00	2.56E+00	9.03E-07	2.56E+00	2.71E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	3.92E+01
WH36647300Q	1.63E-03	3.16E-01	1.86E-02	2.68E-01	0.00E+00	0.00E+00	7.57E-01	1.78E-06	8.11E-04	2.52E-03	0.00E+00	-2.64E-04	1.25E-10	7.68E-09	6.55E-03	3.33E-01	0.00E+00	0.00E+00	1.00E+00	2.23E-02	1.80E+00	0.00E+00	1.54E-08	8.03E-09	7.02E-04	6.53E-07	1.73E-01	0.00E+00	1.80E+00	6.95E-07	1.80E+00	1.90E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.46E+01
WH36647303Q	1.55E-03	3.15E-01	1.86E-02	2.63E-01	0.00E+00	0.00E+00	6.72E-01	1.69E-06	8.41E-04	2.48E-03	0.00E+00	-2.64E-04	1.20E-10	8.07E-09	6.47E-03	3.24E-01	0.00E+00	0.00E+00	9.64E-01	2.18E-02	1.82E+00	0.00E+00	1.54E-08	7.84E-09	6.96E-04	6.53E-07	1.52E-01	0.00E+00	1.82E+00	7.48E-07	1.82E+00	1.90E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.10E+01
WH36647305Q	1.61E-03	3.15E-01	1.86E-02	2.64E-01	0.00E+00	0.00E+00	7.49E-01	1.69E-06	8.41E-04	2.50E-03	0.00E+00	-2.64E-04	1.21E-10	8.07E-09	6.47E-03	3.27E-01	0.00E+00	0.00E+00	1.00E+00	2.18E-02	1.82E+00	0.00E+00	1.54E-08	7.98E-09	6.98E-04	6.55E-07	1.73E-01	0.00E+00	1.82E+00	7.54E-07	1.82E+00	1.90E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.46E+01
WH36647349Q	1.55E-03	3.15E-01	1.86E-02	2.63E-01	0.00E+00	0.00E+00	6.72E-01	1.69E-06	8.41E-04	2.48E-03	0.00E+00	-2.64E-04	1.20E-10	8.07E-09	6.47E-03	3.24E-01	0.00E+00	0.00E+00	9.64E-01	2.18E-02	1.82E+00	0.00E+00	1.54E-08	7.84E-09	6.96E-04	6.53E-07	1.52E-01	0.00E+00	1.82E+00	7.48E-07	1.82E+00	1.90E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.10E+01
WH36910900C	2.55E-03	3.97E-01	2.40E-02	3.82E-01	0.00E+00	0.00E+00	1.10E+00	3.12E-06	8.46E-04	3.66E-03	0.00E+00	-1.51E-03	2.31E-10	9.00E-09	1.99E-02	7.43E-01	0.00E+00	0.00E+00	1.25E+00	2.63E-02	4.28E+00	0.00E+00	3.27E-08	1.70E-08	1.07E-03	8.08E-07	2.47E-01	0.00E+00	4.28E+00	1.16E-06	4.28E+00	4.49E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	4.43E+01
WH36910900Q	2.92E-03	4.65E-01	2.44E-02	4.65E-01	0.00E+00	0.00E+00	1.44E+00	3.98E-06	1.07E-03	4.96E-03	0.00E+00	-1.48E-03	2.84E-10	9.74E-09	2.14E-02	9.63E-01	0.00E+00	0.00E+00	1.60E+00	1.66E-02	5.76E+00	0.00E+00	4.70E-08	2.42E-08	1.45E-03	6.87E-07	3.05E-01	0.00E+00	5.76E+00	2.01E-06	5.76E+00	6.08E+00	3.05E-01	0.00E+00	0.00E+00	0.00E+00	5.02E+01
WH36910903Q	2.94E-03	4.62E-01	2.41E-02	4.63E-01	0.00E+00	0.00E+00	1.44E+00	4.25E-06	1.06E-03	4.94E-03	0.00E+00	-1.46E-03	2.84E-10	9.72E-09	2.13E-02	9.64E-01	0.00E+00	0.00E+00	1.67E+00	1.53E-02	5.78E+00	0.00E+00	4.72E-08	2.41E-08	1.45E-03	6.59E-07	3.04E-01	0.00E+00	5.78E+00	1.96E-06	5.78E+00	6.09E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
WH36910905Q	2.94E-03	4.62E-01	2.41E-02	4.63E-01	0.00E+00	0.00E+00	1.44E+00	4.25E-06	1.06E-03	4.94E-03	0.00E+00	-1.46E-03	2.84E-10	9.72E-09	2.13E-02	9.64E-01	0.00E+00	0.00E+00	1.67E+00	1.53E-02	5.78E+00	0.00E+00	4.72E-08	2.41E-08	1.45E-03	6.59E-07	3.04E-01	0.00E+00	5.78E+00	1.96E-06	5.78E+00	6.09E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
WH36910949Q	2.85E-03	4.62E-01	2.41E-02	4.62E-01	0.00E+00	0.00E+00	1.44E+00	4.25E-06	1.05E-03	4.92E-03	0.00E+00	-1.46E-03	2.84E-10	9.58E-09	2.13E-02	9.65E-01	0.00E+00	0.00E+00	1.67E+00	1.53E-02	5.74E+00	0.00E+00	4.70E-08	2.39E-08	1.45E-03	6.56E-07	3.03E-01	0.00E+00	5.74E+00	1.93E-06	5.74E+00	6.08E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
WH36911000C	2.75E-03	4.37E-01	2.60E-02	4.34E-01	0.00E+00	0.00E+00	1.40E+00	3.95E-06	1.23E-03	4.48E-03	0.00E+00	-1.55E-03	2.95E-10	1.25E-08	2.19E-02	1.00E+00	0.00E+00	0.00E+00	1.53E+00	1.99E-02	5.13E+00	0.00E+00	4.18E-08	2.09E-08	1.36E-03	6.29E-07	3.04E-01	0.00E+00	5.13E+00	1.64E-06	5.13E+00	5.66E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	5.09E+01
WH36911003C	2.78E-03	4.34E-01	2.48E-02	4.35E-01	0.00E+00	0.00E+00	1.40E+00	4.16E-06	1.23E-03	4.47E-03	0.00E+00	-1.55E-03	2.95E-10	1.26E-08	2.20E-02	9.97E-01	0.00E+00	0.00E+00	1.58E+00	1.99E-02	5.21E+00	0.00E+00	4.23E-08	2.06E-08	1.36E-03	6.25E-07	3.02E-01	0.00E+00	5.21E+00	1.67E-06	5.21E+00	5.70E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
WH36912300C	2.13E-03	3.90E-01	2.90E-02	3.61E-01	0.00E+00	0.00E+00	1.36E+00	3.87E-06	6.89E-04	3.75E-03	0.00E+00	-2.65E-03	2.06E-10	6.67E-09	2.49E-02	8.18E-01	0.00E+00	0.00E+00	1.47E+00	3.50E-02	4.78E+00	0.00E+00	3.66E-08	1.81E-08	1.11E-03	8.79E-07	2.80E-01	0.00E+00	4.78E+00	1.61E-06	4.78E+00	5.06E+00	2.80E-01	0.00E+00	0.00E+00	0.00E+00	5.34E+01
WH36912300Q	3.54E-03	5.73E-01	1.81E-02	5.55E-01	0.00E+00	0.00E+00	1.99E+00	6.85E-06	1.09E-03	6.01E-03	0.00E+00	-8.53E-04	2.95E-10	1.04E-08	2.57E-02	1.01E+00	0.00E+00	0.00E+00	2.47E+00	1.13E-02	7.82E+00	0.00E+00	6.20E-08	3.07E-08	1.83E-03	3.22E-07	4.52E-01	0.00E+00	7.82E+00	3.53E-06	7.82E+00	8.28E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.01E+01
WH36912303C	2.22E-03	3.91E-01	1.78E-02	3.73E-01	0.00E+00	0.00E+00	1.44E+00	4.15E-06	7.03E-04	3.91E-03	0.00E+00	-1.21E-03	2.19E-10	6.80E-09	2.58E-02	8.53E-01	0.00E+00	0.00E+00	1.57E+00	1.61E-02	5.07E+00	0.00E+00	3.88E-08	1.93E-08	1.17E-03	4.23E-07	2.98E-01	0.00E+00	5.07E+00	1.92E-06	5.07E+00	5.37E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	5.68E+01
WH36912303Q	3.24E-03	5.40E-01	1.65E-02	5.24E-01	0.00E+00	0.00E+00	1.89E+00	6.48E-06	9.56E-04	5.66E-03	0.00E+00	-7.41E-04	2.80E-10	9.01E-09	2.42E-02	9.43E-01	0.00E+00	0.00E+00	2.32E+00	9.84E-03	7.36E+00	0.00E+00	5.82E-08	2.87E-08	1.72E-03	2.83E-07	4.24E-01	0.00E+00	7.36E+00	3.34E-06	7.36E+00	7.78E+00	4.24E-01	0.00E+00	0.00E+00	0.00E+00	8.45E+01
WH36912349C	2.21E-03	3.89E-01	1.78E-02	3.71E-01	0.00E+00	0.00E+00	1.43E+00	4.12E-06	7.01E-04	3.89E-03	0.00E+00	-1.21E-03	2.18E-10	6.79E-09	2.57E-02	8.50E-01	0.00E+00	0.00E+00	1.56E+00	1.61E-02	5.04E+00	0.00E+00	3.86E-08	1.91E-08	1.16E-03	4.23E-07	2.97E-01	0.00E+00	5.04E+00	1.90E-06	5.04E+00	5.33E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	5.65E+01
WH36912349Q	3.23E-03	5.38E-01	1.64E-02	5.22E-01	0.00E+00	0.00E+00	1.88E+00	6.46E-06	9.54E-04	5.63E-03	0.00E+00	-7.41E-04	2.79E-10	9.00E-09	2.41E-02	9.39E-01	0.00E+00	0.00E+00	2.31E+00	9.84E-03	7.33E+00	0.00E+00	5.79E-08	2.86E-08	1.71E-03	2.83E-07	4.22E-01	0.00E+00	7.33E+00	3.32E-06	7.33E+00	7.75E+00	4.22E-01	0.00E+00	0.00E+00	0.00E+00	8.42E+01
WH36912400C	1.79E-03	4.69E-01	2.72E-02	4.42E-01	0.00E+00	0.00E+00	1.12E+00	2.14E-06	6.97E-04	3.91E-03	0.00E+00	-2.54E-03	1.97E-10	6.21E-09	2.08E-02	6.81E-01	0.00E+00	0.00E+00	1.03E+00	3.35E-02	3.27E+00	0.00E+00	2.63E-08	1.31E-08	1.03E-03	8.43E-07	2.09E-01	0.00E+00	3.27E+00	6.09E-07	3.27E+00	3.48E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	3.63E+01
WH36912400Q	3.54E-03	5.73E-01	1.81E-02	5.55E-01	0.00E+00	0.00E+00	1.99E+00	6.85E-06	1.09E-03	6.01E-03	0.00E+00	-8.53E-04	2.95E-10	1.04E-08	2.57E-02	1.01E+00	0.00E+00	0.00E+00	2.47E+00	1.13E-02	7.83E+00	0.00E+00	6.20E-08	3.07E-08	1.83E-03	3.22E-07	4.52E-01	0.00E+00	7.83E+00	3.54E-06	7.83E+00	8.28E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.01E+01
WH36912403C	2.21E-03	3.89E-01	1.78E-02	3.71E-01	0.00E+00	0.00E+00	1.43E+00	4.12E-06	7.01E-04	3.89E-03	0.00E+00	-1.21E-03	2.18E-10	6.79E-09	2.57E-02	8.50E-01	0.00E+00	0.00E+00	1.56E+00	1.61E-02	5.04E+00	0.00E+00	3.86E-08	1.91E-08	1.16E-03	4.23E-07	2.97E-01	0.00E+00	5.04E+00	1.90E-06	5.04E+00	5.33E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	5.65E+01
WH36912403Q	3.23E-03	5.38E-01	1.64E-02	5.22E-01	0.00E+00	0.00E+00	1.88E+00	6.46E-06	9.54E-04	5.63E-03	0.00E+00	-7.41E-04	2.79E-10	9.00E-09	2.41E-02	9.39E-01	0.00E+00	0.00E+00	2.31E+00	9.84E-03	7.33E+00	0.00E+00	5.79E-08	2.86E-08	1.71E-03	2.83E-07	4.22E-01	0.00E+00	7.33E+00	3.32E-06	7.33E+00	7.75E+00	4.22E-01	0.00E+00	0.00E+00	0.00E+00	8.42E+01
WH36912405C	2.13E-03	4.06E-01	1.76E-02	3.88E-01	0.00E+00	0.00E+00	1.37E+00	3.70E-06	7.02E-04	3.91E-03	0.00E+00	-1.21E-03	2.14E-10	6.66E-09	2.47E-02	8.15E-01	0.00E+00	0.00E+00	1.45E+00	1.61E-02	4.67E+00	0.00E+00	3.60E-08	1.79E-08	1.14E-03	4.22E-07	2.79E-01	0.00E+00	4.67E+00	1.66E-06	4.67E+00	4.94E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	5.22E+01
WH36912405Q	3.19E-03	5.64E-01	1.64E-02	5.47E-01	0.00E+00	0.00E+00	1.84E+00	6.13E-06	9.63E-04	5.75E-03	0.00E+00	-7.41E-04	2.78E-10	8.92E-09	2.35E-02	9.18E-01	0.00E+00	0.00E+00	2.23E+00	9.84E-03	7.08E+00	0.00E+00	5.64E-08	2.78E-08	1.71E-03	2.83E-07	4.11E-01	0.00E+00	7.08E+00	3.14E-06	7.08E+00	7.49E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.12E+01
WH36912449C	2.21E-03	3.89E-01	1.78E-02	3.71E-01	0.00E+00	0.00E+00	1.43E+00	4.12E-06	7.01E-04	3.89E-03	0.00E+00	-1.21E-03	2.18E-10	6.79E-09	2.57E-02	8.50E-01	0.00E+00	0.00E+00	1.56E+00	1.61E-02	5.04E+00	0.00E+00	3.86E-08	1.91E-08	1.16E-03	4.23E-07	2.97E-01	0.00E+00	5.04E+00	1.90E-06	5.04E+00	5.33E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	5.65E+01
WH36912449Q	3.23E-03	5.38E-01	1.64E-02	5.22E-01	0.00E+00	0.00E+00	1.88E+00	6.46E-06	9.54E-04	5.63E-03	0.00E+00	-7.41E-04	2.79E-10	9.00E-09	2.41E-02	9.39E-01	0.00E+00	0.00E+00	2.31E+00	9.84E-03	7.33E+00	0.00E+00	5.79E-08	2.86E-08	1.71E-03	2.83E-07	4.22E-01	0.00E+00	7.33E+00	3.32E-06	7.33E+00	7.75E+00	4.22E-01	0.00E+00	0.00E+00	0.00E+00	8.42E+01
WH36912500C	2.94E-03	4.66E-01	3.01E-02	4.36E-01	0.00E+00	0.00E+00	1.69E+00	4.37E-06	1.23E-03	4.42E-03	0.00E+00	-2.54E-03	2.73E-10	1.22E-08	2.67E-02	9.58E-01	0.00E+00	0.00E+00	1.77E+00	3.35E-02	5.20E+00	0.00E+00	4.03E-08	2.04E-08	1.31E-03	8.48E-07	3.35E-01	0.00E+00	5.20E+00	1.63E-06	5.20E+00	5.54E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.44E+01
WH36912500Q	4.37E-03	6.55E-01	2.01E-02	6.35E-01	0.00E+00	0.00E+00	2.30E+00	7.34E-06	1.64E-03	6.72E-03	0.00E+00	-8.53E-04	3.57E-10	1.59E-08	2.76E-02	1.15E+00	0.00E+00	0.00E+00	2.76E+00	1.13E-02	8.29E+00	0.00E+00	6.60E-08	3.31E-08	2.04E-03	3.26E-07	5.06E-01	0.00E+00	8.29E+00	3.57E-06	8.29E+00	8.79E+00	5.06E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
WH36912503C	3.03E-03	4.69E-01	2.06E-02	4.49E-01	0.00E+00	0.00E+00	1.71E+00	4.53E-06	1.24E-03	4.58E-03	0.00E+00	-1.33E-03	2.73E-10	1.22E-08	2.74E-02	9.85E-01	0.00E+00	0.00E+00	1.83E+00	1.75E-02	5.45E+00	0.00E+00	4.23E-08	2.14E-08	1.36E-03	4.63E-07	3.47E-01	0.00E+00	5.45E+00	1.91E-06	5.45E+00	5.80E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	6.64E+01
WH36912503Q	4.07E-03	6.24E-01	1.85E-02	6.05E-01	0.00E+00	0.00E+00	2.20E+00	6.99E-06	1.50E-03	6.39E-03	0.00E+00	-7.41E-04	3.42E-10	1.45E-08	2.62E-02	1.09E+00	0.00E+00	0.00E+00	2.62E+00	9.85E-03	7.84E+00	0.00E+00	6.24E-08	3.12E-08	1.93E-03	2.88E-07	4.80E-01	0.00E+00	7.84E+00	3.38E-06	7.84E+00	8.32E+00	4.80E-01	0.00E+00	0.00E+00	0.00E+00	9.56E+01
WH36912505C	3.02E-03	4.69E-01	2.06E-02	4.48E-01	0.00E+00	0.00E+00	1.70E+00	4.52E-06	1.24E-03	4.58E-03	0.00E+00	-1.33E-03	2.73E-10	1.22E-08	2.74E-02	9.84E-01	0.00E+00	0.00E+00	1.83E+00	1.75E-02	5.45E+00	0.00E+00	4.22E-08	2.14E-08	1.36E-03	4.63E-07	3.46E-01	0.00E+00	5.45E+00	1.91E-06	5.45E+00	5.79E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	6.63E+01
WH36912505Q	4.04E-03	6.16E-01	1.84E-02	5.98E-01	0.00E+00	0.00E+00	2.18E+00	6.90E-06	1.50E-03	6.31E-03	0.00E+00	-7.41E-04	3.39E-10	1.45E-08	2.58E-02	1.07E+00	0.00E+00	0.00E+00	2.59E+00	9.84E-03	7.73E+00	0.00E+00	6.15E-08	3.08E-08	1.90E-03	2.87E-07	4.74E-01	0.00E+00	7.73E+00	3.33E-06	7.73E+00	8.21E+00	4.74E-01	0.00E+00	0.00E+00	0.00E+00	9.45E+01
WH36912549C	3.03E-03	4.69E-01	2.06E-02	4.49E-01	0.00E+00	0.00E+00	1.71E+00	4.53E-06	1.24E-03	4.58E-03	0.00E+00	-1.33E-03	2.73E-10	1.22E-08	2.74E-02	9.85E-01	0.00E+00	0.00E+00	1.83E+00	1.75E-02	5.45E+00	0.00E+00	4.23E-08	2.14E-08	1.36E-03	4.63E-07	3.47E-01	0.00E+00	5.45E+00	1.91E-06	5.45E+00	5.80E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	6.64E+01
WH36912549Q	4.04E-03	6.17E-01	1.84E-02	5.98E-01	0.00E+00	0.00E+00	2.18E+00	6.92E-06	1.50E-03	6.31E-03	0.00E+00	-7.41E-04	3.40E-10	1.45E-08	2.59E-02	1.08E+00	0.00E+00	0.00E+00	2.60E+00	9.84E-03	7.76E+00	0.00E+00	6.17E-08	3.09E-08	1.91E-03	2.88E-07	4.75E-01	0.00E+00	7.76E+00	3.34E-06	7.76E+00	8.23E+00	4.75E-01	0.00E+00	0.00E+00	0.00E+00	9.47E+01
WH36912600C	2.97E-03	4.73E-01	3.02E-02	4.43E-01	0.00E+00	0.00E+00	1.71E+00	4.43E-06	1.24E-03	4.49E-03	0.00E+00	-2.54E-03	2.75E-10	1.22E-08	2.69E-02	9.67E-01	0.00E+00	0.00E+00	1.79E+00	3.35E-02	5.28E+00	0.00E+00	4.09E-08	2.07E-08	1.33E-03	8.48E-07	3.39E-01	0.00E+00	5.28E+00	1.67E-06	5.28E+00	5.62E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	6.51E+01
WH36912600Q	4.37E-03	6.55E-01	2.01E-02	6.35E-01	0.00E+00	0.00E+00	2.30E+00	7.33E-06	1.64E-03	6.72E-03	0.00E+00	-8.53E-04	3.57E-10	1.59E-08	2.76E-02	1.15E+00	0.00E+00	0.00E+00	2.76E+00	1.13E-02	8.28E+00	0.00E+00	6.59E-08	3.31E-08	2.04E-03	3.26E-07	5.06E-01	0.00E+00	8.28E+00	3.56E-06	8.28E+00	8.79E+00	5.06E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
WH36912603C	3.00E-03	4.64E-01	2.05E-02	4.44E-01	0.00E+00	0.00E+00	1.69E+00	4.47E-06	1.24E-03	4.53E-03	0.00E+00	-1.33E-03	2.71E-10	1.22E-08	2.71E-02	9.76E-01	0.00E+00	0.00E+00	1.81E+00	1.75E-02	5.38E+00	0.00E+00	4.17E-08	2.11E-08	1.34E-03	4.62E-07	3.43E-01	0.00E+00	5.38E+00	1.87E-06	5.38E+00	5.72E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	6.56E+01
WH36912603Q	4.04E-03	6.18E-01	1.84E-02	6.00E-01	0.00E+00	0.00E+00	2.18E+00	6.92E-06	1.50E-03	6.32E-03	0.00E+00	-7.41E-04	3.40E-10	1.45E-08	2.59E-02	1.08E+00	0.00E+00	0.00E+00	2.60E+00	9.84E-03	7.76E+00	0.00E+00	6.17E-08	3.09E-08	1.91E-03	2.88E-07	4.75E-01	0.00E+00	7.76E+00	3.34E-06	7.76E+00	8.23E+00	4.75E-01	0.00E+00	0.00E+00	0.00E+00	9.47E+01
WH36912605C	2.48E-03	5.09E-01	1.82E-02	4.91E-01	0.00E+00	0.00E+00	1.36E+00	2.33E-06	1.21E-03	4.31E-03	0.00E+00	-1.21E-03	2.49E-10	1.15E-08	2.15E-02	7.80E-01	0.00E+00	0.00E+00	1.22E+00	1.61E-02	3.35E+00	0.00E+00	2.73E-08	1.41E-08	1.14E-03	4.23E-07	2.46E-01	0.00E+00	3.35E+00	6.07E-07	3.35E+00	3.60E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	4.34E+01
WH36912605Q	4.07E-03	6.23E-01	1.85E-02	6.04E-01	0.00E+00	0.00E+00	2.20E+00	6.97E-06	1.50E-03	6.38E-03	0.00E+00	-7.41E-04	3.41E-10	1.45E-08	2.61E-02	1.09E+00	0.00E+00	0.00E+00	2.62E+00	9.85E-03	7.83E+00	0.00E+00	6.22E-08	3.12E-08	1.92E-03	2.88E-07	4.79E-01	0.00E+00	7.83E+00	3.37E-06	7.83E+00	8.31E+00	4.79E-01	0.00E+00	0.00E+00	0.00E+00	9.54E+01
WH36912649C	3.03E-03	4.69E-01	2.06E-02	4.49E-01	0.00E+00	0.00E+00	1.71E+00	4.53E-06	1.24E-03	4.58E-03	0.00E+00	-1.33E-03	2.73E-10	1.22E-08	2.74E-02	9.84E-01	0.00E+00	0.00E+00	1.83E+00	1.75E-02	5.45E+00	0.00E+00	4.22E-08	2.14E-08	1.36E-03	4.63E-07	3.47E-01	0.00E+00	5.45E+00	1.91E-06	5.45E+00	5.80E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	6.64E+01
WH36912649Q	4.04E-03	6.19E-01	1.92E-02	5.99E-01	0.00E+00	0.00E+00	2.15E+00	6.86E-06	1.50E-03	6.32E-03	0.00E+00	-8.53E-04	3.34E-10	1.44E-08	2.58E-02	1.07E+00	0.00E+00	0.00E+00	2.58E+00	1.13E-02	7.74E+00	0.00E+00	6.16E-08	3.09E-08	1.91E-03	3.23E-07	4.72E-01	0.00E+00	7.74E+00	3.33E-06	7.74E+00	8.22E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	9.41E+01
WH37580300D	1.64E-04	6.56E-02	2.47E-03	6.31E-02	0.00E+00	0.00E+00	1.08E-01	1.44E-07	5.78E-05	5.15E-04	0.00E+00	-2.19E-04	2.26E-11	4.18E-10	1.16E-03	4.64E-02	0.00E+00	0.00E+00	9.05E-02	2.89E-03	2.78E-01	0.00E+00	2.63E-09	1.24E-09	1.24E-04	7.41E-08	1.92E-02	0.00E+00	2.78E-01	2.56E-08	2.78E-01	2.97E-01	1.92E-02	0.00E+00	0.00E+00	0.00E+00	3.05E+00
WH37580300DM	6.62E-04	1.10E-01	1.33E-02	6.86E-02	0.00E+00	0.00E+00	5.23E-01	8.61E-07	3.46E-04	7.16E-04	0.00E+00	-2.90E-04	9.69E-11	4.22E-09	3.87E-03	1.62E-01	0.00E+00	0.00E+00	4.76E-01	4.17E-03	8.75E-01	0.00E+00	7.10E-09	3.74E-09	2.19E-04	3.07E-07	7.83E-02	0.00E+00	8.75E-01	2.38E-07	8.75E-01	9.64E-01	7.83E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH37580305D	4.31E-04	5.85E-02	1.24E-03	5.73E-02	0.00E+00	0.00E+00	1.85E-01	4.53E-07	2.21E-04	5.52E-04	0.00E+00	0.00E+00	3.34E-11	2.14E-09	1.91E-03	9.63E-02	0.00E+00	0.00E+00	2.08E-01	6.25E-06	5.38E-01	0.00E+00	4.41E-09	2.32E-09	1.61E-04	4.45E-09	3.93E-02	0.00E+00	5.38E-01	1.87E-07	5.38E-01	5.77E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	7.60E+00
WH37580305DM	6.65E-04	1.10E-01	1.33E-02	6.86E-02	0.00E+00	0.00E+00	5.23E-01	8.61E-07	3.48E-04	7.17E-04	0.00E+00	-2.90E-04	9.69E-11	4.23E-09	3.87E-03	1.62E-01	0.00E+00	0.00E+00	4.77E-01	4.17E-03	8.74E-01	0.00E+00	7.08E-09	3.74E-09	2.19E-04	3.07E-07	7.83E-02	0.00E+00	8.74E-01	2.38E-07	8.74E-01	9.63E-01	7.83E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH37580306DM	6.65E-04	1.10E-01	1.33E-02	6.86E-02	0.00E+00	0.00E+00	5.23E-01	8.61E-07	3.48E-04	7.17E-04	0.00E+00	-2.90E-04	9.69E-11	4.23E-09	3.87E-03	1.62E-01	0.00E+00	0.00E+00	4.77E-01	4.17E-03	8.74E-01	0.00E+00	7.08E-09	3.74E-09	2.19E-04	3.07E-07	7.83E-02	0.00E+00	8.74E-01	2.38E-07	8.74E-01	9.63E-01	7.83E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH37581400D	4.15E-04	5.03E-02	1.14E-03	4.92E-02	0.00E+00	0.00E+00	2.18E-01	4.83E-07	1.24E-04	4.72E-04	0.00E+00	0.00E+00	3.82E-11	1.37E-09	1.88E-03	7.96E-02	0.00E+00	0.00E+00	1.98E-01	6.07E-06	4.81E-01	0.00E+00	3.94E-09	1.95E-09	1.32E-04	4.32E-09	3.68E-02	0.00E+00	4.81E-01	1.53E-07	4.81E-01	5.18E-01	3.68E-02	0.00E+00	0.00E+00	0.00E+00	7.10E+00
WH37581405D	4.32E-04	4.06E-02	1.89E-03	4.24E-02	0.00E+00	0.00E+00	1.99E-01	4.50E-07	2.26E-04	4.17E-04	0.00E+00	-1.82E-04	3.62E-11	2.07E-09	1.75E-03	8.84E-02	0.00E+00	0.00E+00	1.88E-01	1.23E-04	4.47E-01	0.00E+00	3.70E-09	2.01E-09	1.35E-04	1.26E-08	3.59E-02	0.00E+00	4.47E-01	1.28E-07	4.47E-01	4.85E-01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	7.13E+00
WH37581406D	4.33E-04	4.07E-02	1.89E-03	4.22E-02	0.00E+00	0.00E+00	1.95E-01	4.34E-07	2.23E-04	4.19E-04	0.00E+00	-1.82E-04	3.61E-11	1.98E-09	1.64E-03	8.63E-02	0.00E+00	0.00E+00	1.85E-01	1.22E-04	4.42E-01	0.00E+00	3.62E-09	1.96E-09	1.35E-04	1.29E-08	3.55E-02	0.00E+00	4.42E-01	1.24E-07	4.42E-01	4.79E-01	3.55E-02	0.00E+00	0.00E+00	0.00E+00	6.95E+00
WH37581411D	4.53E-04	3.95E-02	1.87E-03	3.69E-02	0.00E+00	0.00E+00	1.89E-01	4.28E-07	2.27E-04	3.59E-04	0.00E+00	-1.82E-04	3.49E-11	2.34E-09	1.32E-03	7.86E-02	0.00E+00	0.00E+00	1.73E-01	2.46E-04	3.41E-01	0.00E+00	2.62E-09	1.66E-09	9.26E-05	1.87E-08	3.11E-02	0.00E+00	3.41E-01	1.13E-07	3.41E-01	3.50E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	6.45E+00
WH37581429D	4.55E-04	3.94E-02	1.87E-03	3.57E-02	0.00E+00	0.00E+00	1.87E-01	4.22E-07	2.24E-04	3.55E-04	0.00E+00	-1.82E-04	3.50E-11	2.34E-09	1.29E-03	7.87E-02	0.00E+00	0.00E+00	1.71E-01	1.31E-04	3.31E-01	0.00E+00	2.53E-09	1.69E-09	9.21E-05	1.03E-08	3.11E-02	0.00E+00	3.31E-01	1.11E-07	3.31E-01	3.44E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	6.36E+00
WH375814E	1.83E-04	2.55E-02	6.81E-04	2.48E-02	0.00E+00	0.00E+00	1.40E-01	2.45E-07	1.03E-04	2.29E-04	0.00E+00	0.00E+00	2.57E-11	1.20E-09	8.81E-04	4.33E-02	0.00E+00	0.00E+00	1.10E-01	2.95E-06	1.96E-01	0.00E+00	1.66E-09	8.42E-10	6.29E-05	2.10E-09	2.01E-02	0.00E+00	1.96E-01	2.97E-08	1.96E-01	2.16E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	3.95E+00
WH37583300D	6.66E-04	1.10E-01	1.33E-02	6.85E-02	0.00E+00	0.00E+00	5.24E-01	8.62E-07	3.50E-04	7.20E-04	0.00E+00	-2.90E-04	9.69E-11	4.24E-09	3.88E-03	1.62E-01	0.00E+00	0.00E+00	4.76E-01	4.11E-03	8.75E-01	0.00E+00	7.10E-09	3.73E-09	2.19E-04	3.06E-07	7.81E-02	0.00E+00	8.75E-01	2.33E-07	8.75E-01	9.63E-01	7.81E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH37583300DM	6.62E-04	1.10E-01	1.33E-02	6.86E-02	0.00E+00	0.00E+00	5.24E-01	8.61E-07	3.47E-04	7.20E-04	0.00E+00	-2.90E-04	9.69E-11	4.20E-09	3.88E-03	1.62E-01	0.00E+00	0.00E+00	4.76E-01	4.17E-03	8.75E-01	0.00E+00	7.10E-09	3.73E-09	2.19E-04	3.06E-07	7.82E-02	0.00E+00	8.75E-01	2.34E-07	8.75E-01	9.63E-01	7.82E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH37583305D	6.70E-04	1.10E-01	1.33E-02	6.85E-02	0.00E+00	0.00E+00	5.24E-01	8.62E-07	3.51E-04	7.21E-04	0.00E+00	-2.90E-04	9.69E-11	4.25E-09	3.88E-03	1.62E-01	0.00E+00	0.00E+00	4.78E-01	4.11E-03	8.74E-01	0.00E+00	7.08E-09	3.74E-09	2.19E-04	3.06E-07	7.81E-02	0.00E+00	8.74E-01	2.33E-07	8.74E-01	9.62E-01	7.81E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH37583306D	6.70E-04	1.10E-01	1.33E-02	6.85E-02	0.00E+00	0.00E+00	5.24E-01	8.62E-07	3.51E-04	7.21E-04	0.00E+00	-2.90E-04	9.69E-11	4.25E-09	3.88E-03	1.62E-01	0.00E+00	0.00E+00	4.78E-01	4.11E-03	8.74E-01	0.00E+00	7.08E-09	3.74E-09	2.19E-04	3.06E-07	7.81E-02	0.00E+00	8.74E-01	2.33E-07	8.74E-01	9.62E-01	7.81E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH37585300D	1.64E-04	6.56E-02	2.47E-03	6.31E-02	0.00E+00	0.00E+00	1.08E-01	1.44E-07	5.78E-05	5.15E-04	0.00E+00	-2.19E-04	2.26E-11	4.18E-10	1.16E-03	4.64E-02	0.00E+00	0.00E+00	9.05E-02	2.89E-03	2.78E-01	0.00E+00	2.63E-09	1.24E-09	1.24E-04	7.41E-08	1.92E-02	0.00E+00	2.78E-01	2.56E-08	2.78E-01	2.97E-01	1.92E-02	0.00E+00	0.00E+00	0.00E+00	3.05E+00
WH37585300DM	1.74E-04	6.77E-02	2.57E-03	6.51E-02	0.00E+00	0.00E+00	1.39E-01	2.05E-07	5.96E-05	5.35E-04	0.00E+00	-2.19E-04	2.76E-11	4.83E-10	1.32E-03	5.18E-02	0.00E+00	0.00E+00	1.11E-01	2.89E-03	3.11E-01	0.00E+00	2.87E-09	1.35E-09	1.29E-04	7.44E-08	2.27E-02	0.00E+00	3.11E-01	3.31E-08	3.11E-01	3.33E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	3.77E+00
WH37585305D	1.64E-04	6.56E-02	2.47E-03	6.31E-02	0.00E+00	0.00E+00	1.08E-01	1.44E-07	5.78E-05	5.15E-04	0.00E+00	-2.19E-04	2.26E-11	4.18E-10	1.16E-03	4.64E-02	0.00E+00	0.00E+00	9.05E-02	2.89E-03	2.78E-01	0.00E+00	2.63E-09	1.24E-09	1.24E-04	7.41E-08	1.92E-02	0.00E+00	2.78E-01	2.56E-08	2.78E-01	2.97E-01	1.92E-02	0.00E+00	0.00E+00	0.00E+00	3.05E+00
WH37585305DM	6.72E-04	1.11E-01	1.33E-02	6.83E-02	0.00E+00	0.00E+00	5.26E-01	8.74E-07	3.53E-04	7.20E-04	0.00E+00	-2.90E-04	9.69E-11	4.08E-09	3.88E-03	1.64E-01	0.00E+00	0.00E+00	4.79E-01	4.14E-03	8.75E-01	0.00E+00	7.08E-09	3.76E-09	2.19E-04	3.05E-07	7.84E-02	0.00E+00	8.75E-01	2.40E-07	8.75E-01	9.62E-01	7.84E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH37585306D	4.31E-04	5.85E-02	1.24E-03	5.73E-02	0.00E+00	0.00E+00	1.85E-01	4.53E-07	2.21E-04	5.52E-04	0.00E+00	0.00E+00	3.34E-11	2.14E-09	1.91E-03	9.63E-02	0.00E+00	0.00E+00	2.08E-01	6.25E-06	5.38E-01	0.00E+00	4.41E-09	2.32E-09	1.61E-04	4.45E-09	3.93E-02	0.00E+00	5.38E-01	1.87E-07	5.38E-01	5.77E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	7.60E+00
WH37585306DM	6.72E-04	1.11E-01	1.33E-02	6.83E-02	0.00E+00	0.00E+00	5.26E-01	8.74E-07	3.53E-04	7.20E-04	0.00E+00	-2.90E-04	9.69E-11	4.08E-09	3.88E-03	1.64E-01	0.00E+00	0.00E+00	4.79E-01	4.14E-03	8.75E-01	0.00E+00	7.08E-09	3.76E-09	2.19E-04	3.05E-07	7.84E-02	0.00E+00	8.75E-01	2.40E-07	8.75E-01	9.62E-01	7.84E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH37586400D	2.84E-04	4.95E-02	1.10E-03	4.84E-02	0.00E+00	0.00E+00	2.10E-01	4.65E-07	1.23E-04	4.64E-04	0.00E+00	0.00E+00	3.68E-11	1.36E-09	1.82E-03	7.78E-02	0.00E+00	0.00E+00	1.92E-01	5.93E-06	4.69E-01	0.00E+00	3.85E-09	1.91E-09	1.30E-04	4.22E-09	3.57E-02	0.00E+00	4.69E-01	1.50E-07	4.69E-01	5.05E-01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	6.88E+00
WH37586405D	4.11E-04	4.96E-02	1.12E-03	4.85E-02	0.00E+00	0.00E+00	2.17E-01	4.78E-07	1.24E-04	4.65E-04	0.00E+00	0.00E+00	3.80E-11	1.37E-09	1.85E-03	7.87E-02	0.00E+00	0.00E+00	1.96E-01	5.99E-06	4.74E-01	0.00E+00	3.88E-09	1.92E-09	1.30E-04	4.26E-09	3.64E-02	0.00E+00	4.74E-01	1.50E-07	4.74E-01	5.10E-01	3.64E-02	0.00E+00	0.00E+00	0.00E+00	7.03E+00
WH37586406D	4.12E-04	4.98E-02	1.13E-03	4.87E-02	0.00E+00	0.00E+00	2.17E-01	4.80E-07	1.24E-04	4.67E-04	0.00E+00	0.00E+00	3.80E-11	1.37E-09	1.86E-03	7.90E-02	0.00E+00	0.00E+00	1.97E-01	6.02E-06	4.76E-01	0.00E+00	3.90E-09	1.93E-09	1.31E-04	4.28E-09	3.65E-02	0.00E+00	4.76E-01	1.51E-07	4.76E-01	5.13E-01	3.65E-02	0.00E+00	0.00E+00	0.00E+00	7.05E+00
WH37586411D	4.30E-04	3.94E-02	1.85E-03	3.95E-02	0.00E+00	0.00E+00	1.82E-01	3.99E-07	1.77E-04	3.68E-04	0.00E+00	-1.82E-04	3.49E-11	1.57E-09	1.22E-03	7.60E-02	0.00E+00	0.00E+00	1.73E-01	6.31E-05	3.26E-01	0.00E+00	2.54E-09	1.64E-09	9.38E-05	4.07E-09	3.19E-02	0.00E+00	3.26E-01	1.18E-07	3.26E-01	3.47E-01	3.19E-02	0.00E+00	0.00E+00	0.00E+00	6.32E+00
WH37586429D	4.64E-04	3.95E-02	1.87E-03	3.58E-02	0.00E+00	0.00E+00	1.87E-01	4.22E-07	2.07E-04	3.54E-04	0.00E+00	-1.82E-04	3.49E-11	2.05E-09	1.30E-03	7.79E-02	0.00E+00	0.00E+00	1.75E-01	6.72E-05	3.29E-01	0.00E+00	2.56E-09	1.73E-09	9.22E-05	6.37E-09	3.20E-02	0.00E+00	3.29E-01	1.12E-07	3.29E-01	3.46E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.36E+00
WH37588300D	6.66E-04	1.10E-01	1.33E-02	6.85E-02	0.00E+00	0.00E+00	5.24E-01	8.62E-07	3.50E-04	7.20E-04	0.00E+00	-2.90E-04	9.69E-11	4.24E-09	3.88E-03	1.62E-01	0.00E+00	0.00E+00	4.76E-01	4.11E-03	8.75E-01	0.00E+00	7.10E-09	3.73E-09	2.19E-04	3.06E-07	7.81E-02	0.00E+00	8.75E-01	2.33E-07	8.75E-01	9.63E-01	7.81E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH37588305D	6.77E-04	1.11E-01	1.33E-02	6.83E-02	0.00E+00	0.00E+00	5.26E-01	8.77E-07	3.58E-04	7.22E-04	0.00E+00	-2.90E-04	9.69E-11	4.10E-09	3.89E-03	1.64E-01	0.00E+00	0.00E+00	4.79E-01	4.08E-03	8.75E-01	0.00E+00	7.08E-09	3.76E-09	2.19E-04	3.04E-07	7.83E-02	0.00E+00	8.75E-01	2.35E-07	8.75E-01	9.62E-01	7.83E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH37588306D	6.77E-04	1.11E-01	1.33E-02	6.83E-02	0.00E+00	0.00E+00	5.26E-01	8.77E-07	3.58E-04	7.22E-04	0.00E+00	-2.90E-04	9.69E-11	4.10E-09	3.89E-03	1.64E-01	0.00E+00	0.00E+00	4.79E-01	4.08E-03	8.75E-01	0.00E+00	7.08E-09	3.76E-09	2.19E-04	3.04E-07	7.83E-02	0.00E+00	8.75E-01	2.35E-07	8.75E-01	9.62E-01	7.83E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH37590200D	8.91E-04	1.25E-01	7.28E-03	9.23E-02	0.00E+00	0.00E+00	6.22E-01	1.11E-06	3.94E-04	8.88E-04	0.00E+00	-1.99E-04	9.70E-11	4.26E-09	4.32E-03	1.85E-01	0.00E+00	0.00E+00	5.21E-01	9.75E-04	9.41E-01	0.00E+00	7.56E-09	3.89E-09	2.41E-04	5.08E-08	8.67E-02	0.00E+00	9.41E-01	3.40E-07	9.41E-01	1.06E+00	8.67E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+01
WH37590205D	8.90E-04	1.25E-01	7.28E-03	9.23E-02	0.00E+00	0.00E+00	6.22E-01	1.11E-06	3.95E-04	8.88E-04	0.00E+00	-1.99E-04	9.70E-11	4.25E-09	4.32E-03	1.85E-01	0.00E+00	0.00E+00	5.23E-01	9.75E-04	9.40E-01	0.00E+00	7.53E-09	3.90E-09	2.41E-04	5.07E-08	8.67E-02	0.00E+00	9.40E-01	3.40E-07	9.40E-01	1.06E+00	8.67E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+01
WH37590206D	6.74E-04	4.04E-02	1.91E-03	5.55E-02	0.00E+00	0.00E+00	1.92E-01	5.71E-07	3.02E-04	4.72E-04	0.00E+00	-1.88E-04	3.46E-11	2.87E-09	1.67E-03	9.60E-02	0.00E+00	0.00E+00	1.81E-01	2.12E-04	5.77E-01	0.00E+00	4.65E-09	2.67E-09	1.29E-04	2.88E-08	3.54E-02	0.00E+00	5.77E-01	1.63E-07	5.77E-01	6.27E-01	3.54E-02	0.00E+00	0.00E+00	0.00E+00	7.01E+00
WH37593200D	1.22E-03	2.49E-01	2.03E-02	1.57E-01	0.00E+00	0.00E+00	6.63E-01	1.14E-06	6.89E-04	1.48E-03	0.00E+00	-5.10E-04	1.19E-10	7.70E-09	5.26E-03	2.44E-01	5.05E-06	0.00E+00	7.17E-01	1.52E-02	1.50E+00	0.00E+00	1.30E-08	6.24E-09	4.62E-04	5.16E-07	1.22E-01	0.00E+00	1.50E+00	5.55E-07	1.50E+00	1.58E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+01
WH37593205D	1.22E-03	2.49E-01	2.03E-02	1.57E-01	0.00E+00	0.00E+00	6.65E-01	1.14E-06	6.91E-04	1.48E-03	0.00E+00	-5.10E-04	1.19E-10	7.68E-09	5.23E-03	2.44E-01	5.05E-06	0.00E+00	7.17E-01	1.52E-02	1.50E+00	0.00E+00	1.30E-08	6.23E-09	4.61E-04	5.16E-07	1.22E-01	0.00E+00	1.50E+00	5.65E-07	1.50E+00	1.58E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+01
WH37595200D	7.07E-04	1.04E-01	2.44E-03	1.02E-01	0.00E+00	0.00E+00	4.42E-01	9.38E-07	3.50E-04	9.76E-04	0.00E+00	0.00E+00	7.93E-11	3.85E-09	3.73E-03	1.73E-01	0.00E+00	0.00E+00	4.11E-01	1.22E-05	9.57E-01	0.00E+00	7.96E-09	4.02E-09	2.78E-04	8.68E-09	7.64E-02	0.00E+00	9.57E-01	2.81E-07	9.57E-01	1.03E+00	7.64E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
WH37595205D	5.32E-04	4.03E-02	1.87E-03	4.00E-02	0.00E+00	0.00E+00	1.90E-01	4.69E-07	2.22E-04	3.46E-04	0.00E+00	-1.99E-04	3.46E-11	2.36E-09	1.34E-03	8.09E-02	0.00E+00	0.00E+00	1.74E-01	6.66E-05	3.50E-01	0.00E+00	2.69E-09	1.81E-09	9.43E-05	1.74E-08	3.35E-02	0.00E+00	3.50E-01	1.24E-07	3.50E-01	3.71E-01	3.35E-02	0.00E+00	0.00E+00	0.00E+00	6.45E+00

WH37595206D	6.59E-04	4.09E-02	1.91E-03	5.50E-02	0.00E+00	0.00E+00	1.91E-01	5.63E-07	2.65E-04	4.73E-04	0.00E+00	-1.88E-04	3.45E-11	2.62E-09	1.67E-03	9.47E-02	0.00E+00	0.00E+00	1.81E-01	1.57E-04	5.75E-01	0.00E+00	4.64E-09	2.64E-09	1.30E-04	2.54E-08	3.59E-02	0.00E+00	5.75E-01	1.40E-07	5.75E-01	6.25E-01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	6.75E+00
WH37596200D	8.89E-04	1.33E-01	7.28E-03	1.28E-01	0.00E+00	0.00E+00	5.04E-01	8.77E-07	5.07E-04	1.25E-03	0.00E+00	-1.96E-04	1.14E-10	5.14E-09	4.77E-03	2.24E-01	0.00E+00	0.00E+00	5.29E-01	4.84E-04	9.93E-01	0.00E+00	8.38E-09	4.55E-09	3.32E-04	5.88E-08	9.83E-02	0.00E+00	9.93E-01	3.47E-07	9.93E-01	1.11E+00	9.83E-02	0.00E+00	0.00E+00	0.00E+00	1.80E+01
WH37596205D	1.22E-03	2.49E-01	2.03E-02	1.58E-01	0.00E+00	0.00E+00	6.64E-01	1.14E-06	6.92E-04	1.47E-03	0.00E+00	-5.10E-04	1.19E-10	7.61E-09	5.15E-03	2.44E-01	5.05E-06	0.00E+00	7.16E-01	1.52E-02	1.51E+00	0.00E+00	1.29E-08	6.27E-09	4.60E-04	5.16E-07	1.22E-01	0.00E+00	1.51E+00	5.65E-07	1.51E+00	1.59E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37596206D	1.21E-03	2.57E-01	2.03E-02	1.73E-01	0.00E+00	0.00E+00	6.70E-01	1.19E-06	6.97E-04	1.60E-03	0.00E+00	-5.00E-04	1.22E-10	7.55E-09	5.76E-03	2.61E-01	5.05E-06	0.00E+00	7.17E-01	1.40E-02	1.61E+00	0.00E+00	1.41E-08	6.93E-09	4.78E-04	5.09E-07	1.24E-01	0.00E+00	1.61E+00	5.72E-07	1.61E+00	1.69E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+01
WH37620300D	8.72E-04	1.27E-01	2.31E-03	1.25E-01	0.00E+00	0.00E+00	3.24E-01	4.56E-07	5.31E-04	1.06E-03	0.00E+00	0.00E+00	6.75E-11	5.14E-09	2.56E-03	1.63E-01	0.00E+00	0.00E+00	3.12E-01	1.12E-05	6.34E-01	0.00E+00	5.82E-09	3.20E-09	2.86E-04	7.96E-09	6.16E-02	0.00E+00	6.34E-01	6.97E-08	6.34E-01	6.95E-01	6.16E-02	0.00E+00	0.00E+00	0.00E+00	1.13E+01
WH37620305D	7.23E-04	1.30E-01	1.41E-02	1.07E-01	0.00E+00	0.00E+00	5.21E-01	8.78E-07	4.68E-04	9.02E-04	0.00E+00	-2.92E-04	9.69E-11	5.29E-09	3.90E-03	1.61E-01	0.00E+00	0.00E+00	4.79E-01	5.63E-03	8.81E-01	0.00E+00	7.13E-09	3.77E-09	2.37E-04	3.32E-07	7.80E-02	0.00E+00	8.81E-01	2.37E-07	8.81E-01	9.61E-01	7.80E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
WH37620306D	7.23E-04	1.30E-01	1.41E-02	1.07E-01	0.00E+00	0.00E+00	5.21E-01	8.78E-07	4.68E-04	9.02E-04	0.00E+00	-2.92E-04	9.69E-11	5.29E-09	3.90E-03	1.61E-01	0.00E+00	0.00E+00	4.79E-01	5.63E-03	8.81E-01	0.00E+00	7.13E-09	3.77E-09	2.37E-04	3.32E-07	7.80E-02	0.00E+00	8.81E-01	2.37E-07	8.81E-01	9.61E-01	7.80E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
WH37620700D	8.36E-04	1.31E-01	1.41E-02	1.26E-01	0.00E+00	0.00E+00	5.36E-01	9.12E-07	5.27E-04	9.80E-04	0.00E+00	-2.92E-04	9.83E-11	5.50E-09	4.09E-03	1.76E-01	0.00E+00	0.00E+00	4.94E-01	5.68E-03	9.64E-01	0.00E+00	7.95E-09	4.18E-09	2.80E-04	3.31E-07	7.87E-02	0.00E+00	9.64E-01	2.44E-07	9.64E-01	1.07E+00	7.87E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
WH37623300D	8.37E-04	1.32E-01	1.44E-02	1.27E-01	0.00E+00	0.00E+00	5.38E-01	9.09E-07	5.17E-04	1.05E-03	0.00E+00	-2.92E-04	9.83E-11	5.35E-09	4.13E-03	1.75E-01	0.00E+00	0.00E+00	4.96E-01	6.73E-03	9.78E-01	0.00E+00	8.09E-09	4.27E-09	2.87E-04	3.37E-07	7.88E-02	0.00E+00	9.78E-01	2.43E-07	9.78E-01	1.09E+00	7.88E-02	0.00E+00	0.00E+00	0.00E+00	1.71E+01
WH37623305D	7.52E-04	1.29E-01	1.44E-02	1.06E-01	0.00E+00	0.00E+00	5.21E-01	8.76E-07	4.94E-04	8.97E-04	0.00E+00	-2.92E-04	9.69E-11	5.34E-09	3.90E-03	1.61E-01	0.00E+00	0.00E+00	4.78E-01	6.65E-03	8.82E-01	0.00E+00	7.13E-09	3.77E-09	2.36E-04	3.37E-07	7.79E-02	0.00E+00	8.82E-01	2.37E-07	8.82E-01	9.61E-01	7.79E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
WH37625300D	7.21E-04	1.30E-01	1.41E-02	1.07E-01	0.00E+00	0.00E+00	5.20E-01	8.78E-07	4.68E-04	9.02E-04	0.00E+00	-2.92E-04	9.69E-11	5.28E-09	3.90E-03	1.61E-01	0.00E+00	0.00E+00	4.77E-01	5.63E-03	8.81E-01	0.00E+00	7.15E-09	3.77E-09	2.37E-04	3.32E-07	7.80E-02	0.00E+00	8.81E-01	2.38E-07	8.81E-01	9.62E-01	7.80E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
WH37625305D	7.26E-04	1.30E-01	1.41E-02	1.08E-01	0.00E+00	0.00E+00	5.23E-01	8.91E-07	4.74E-04	9.09E-04	0.00E+00	-2.92E-04	9.69E-11	5.31E-09	3.91E-03	1.64E-01	0.00E+00	0.00E+00	4.80E-01	5.60E-03	8.81E-01	0.00E+00	7.14E-09	3.79E-09	2.38E-04	3.30E-07	7.83E-02	0.00E+00	8.81E-01	2.39E-07	8.81E-01	9.61E-01	7.83E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
WH37625306D	7.26E-04	1.30E-01	1.41E-02	1.08E-01	0.00E+00	0.00E+00	5.23E-01	8.91E-07	4.74E-04	9.09E-04	0.00E+00	-2.92E-04	9.69E-11	5.31E-09	3.91E-03	1.64E-01	0.00E+00	0.00E+00	4.80E-01	5.60E-03	8.81E-01	0.00E+00	7.14E-09	3.79E-09	2.38E-04	3.30E-07	7.83E-02	0.00E+00	8.81E-01	2.39E-07	8.81E-01	9.61E-01	7.83E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
WH37625700D	7.54E-04	1.29E-01	1.41E-02	1.06E-01	0.00E+00	0.00E+00	5.22E-01	8.79E-07	5.12E-04	8.63E-04	0.00E+00	-2.92E-04	9.69E-11	5.51E-09	3.90E-03	1.64E-01	0.00E+00	0.00E+00	4.77E-01	5.63E-03	8.81E-01	0.00E+00	7.15E-09	3.77E-09	2.34E-04	3.32E-07	7.81E-02	0.00E+00	8.81E-01	2.38E-07	8.81E-01	9.62E-01	7.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
WH37628306D	7.55E-04	1.30E-01	1.44E-02	1.07E-01	0.00E+00	0.00E+00	5.24E-01	8.89E-07	5.03E-04	9.05E-04	0.00E+00	-2.92E-04	9.69E-11	5.43E-09	3.91E-03	1.64E-01	0.00E+00	0.00E+00	4.79E-01	6.62E-03	8.82E-01	0.00E+00	7.13E-09	3.78E-09	2.37E-04	3.34E-07	7.82E-02	0.00E+00	8.82E-01	2.38E-07	8.82E-01	9.61E-01	7.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
WH37629000D	1.08E-03	3.08E-01	9.90E-02	2.09E-01	0.00E+00	0.00E+00	4.21E-01	8.08E-07	5.91E-04	1.77E-03	0.00E+00	-1.19E-02	8.10E-11	5.81E-09	4.28E-03	2.13E-01	0.00E+00	0.00E+00	4.33E-01	1.58E-01	1.08E+00	0.00E+00	9.49E-09	4.79E-09	4.61E-04	3.83E-06	6.96E-02	0.00E+00	1.08E+00	-1.09E-06	1.08E+00	1.15E+00	6.96E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+01
WH37629100D	1.39E-03	3.33E-01	1.01E-01	2.31E-01	0.00E+00	0.00E+00	1.15E+00	2.65E-06	6.31E-04	2.18E-03	0.00E+00	-1.19E-02	1.92E-10	7.34E-09	8.94E-03	3.69E-01	0.00E+00	0.00E+00	1.00E+00	1.58E-01	2.24E+00	0.00E+00	1.77E-08	8.61E-09	6.14E-04	3.84E-06	1.65E-01	0.00E+00	2.24E+00	-6.25E-07	2.24E+00	2.41E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.63E+01
WH37640300D	1.15E-03	1.45E-01	2.95E-03	1.42E-01	0.00E+00	0.00E+00	4.25E-01	6.22E-07	7.19E-04	1.23E-03	0.00E+00	0.00E+00	8.72E-11	7.08E-09	3.10E-03	2.09E-01	0.00E+00	0.00E+00	4.09E-01	1.29E-05	7.67E-01	0.00E+00	6.93E-09	3.91E-09	3.39E-04	9.16E-09	7.90E-02	0.00E+00	7.67E-01	7.73E-08	7.67E-01	8.46E-01	7.90E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
WH37640305D	1.24E-03	1.23E-01	3.17E-03	1.20E-01	0.00E+00	0.00E+00	5.01E-01	1.14E-06	7.17E-04	1.19E-03	0.00E+00	0.00E+00	9.03E-11	7.22E-09	4.24E-03	2.47E-01	0.00E+00	0.00E+00	5.40E-01	1.27E-05	1.19E+00	0.00E+00	9.73E-09	5.32E-09	3.65E-04	9.01E-09	9.94E-02	0.00E+00	1.19E+00	3.72E-07	1.19E+00	1.29E+00	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.00E+01
WH37640306D	1.03E-03	1.33E-01	1.44E-02	1.07E-01	0.00E+00	0.00E+00	5.41E-01	8.87E-07	6.66E-04	9.54E-04	0.00E+00	-2.92E-04	9.75E-11	7.17E-09	3.93E-03	1.86E-01	0.00E+00	0.00E+00	5.01E-01	7.87E-03	8.85E-01	0.00E+00	7.17E-09	3.88E-09	2.81E-04	3.37E-07	8.08E-02	0.00E+00	8.85E-01	2.29E-07	8.85E-01	9.71E-01	8.08E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
WH37640700D	1.20E-03	1.46E-01	3.09E-03	1.43E-01	0.00E+00	0.00E+00	4.50E-01	6.70E-07	7.59E-04	1.25E-03	0.00E+00	0.00E+00	9.19E-11	7.52E-09	3.22E-03	2.19E-01	0.00E+00	0.00E+00	4.32E-01	1.31E-05	7.97E-01	0.00E+00	7.16E-09	4.05E-09	3.47E-04	9.33E-09	8.31E-02	0.00E+00	7.97E-01	8.10E-08	7.97E-01	8.80E-01	8.31E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
WH37640705D	1.03E-03	1.36E-01	1.44E-02	1.32E-01	0.00E+00	0.00E+00	5.57E-01	9.20E-07	6.88E-04	1.12E-03	0.00E+00	-2.92E-04	9.89E-11	7.33E-09	4.13E-03	1.97E-01	0.00E+00	0.00E+00	5.20E-01	7.58E-03	9.78E-01	0.00E+00	8.08E-09	4.31E-09	3.23E-04	3.36E-07	8.09E-02	0.00E+00	9.78E-01	2.35E-07	9.78E-01	1.10E+00	8.09E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH37643300D	1.03E-03	1.36E-01	1.44E-02	1.31E-01	0.00E+00	0.00E+00	5.55E-01	9.18E-07	6.56E-04	1.11E-03	0.00E+00	-2.92E-04	9.91E-11	6.97E-09	4.17E-03	1.95E-01	0.00E+00	0.00E+00	5.13E-01	7.94E-03	1.02E+00	0.00E+00	8.37E-09	4.40E-09	3.18E-04	3.37E-07	8.13E-02	0.00E+00	1.02E+00	2.27E-07	1.02E+00	1.13E+00	8.13E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
WH37643306D	1.01E-03	1.33E-01	1.44E-02	1.07E-01	0.00E+00	0.00E+00	5.40E-01	8.86E-07	6.46E-04	9.48E-04	0.00E+00	-2.92E-04	9.77E-11	6.97E-09	3.94E-03	1.83E-01	0.00E+00	0.00E+00	4.98E-01	7.87E-03	8.95E-01	0.00E+00	7.24E-09	3.90E-09	2.77E-04	3.37E-07	8.03E-02	0.00E+00	8.95E-01	2.19E-07	8.95E-01	9.77E-01	8.03E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
WH37645300D	1.14E-03	1.44E-01	2.94E-03	1.41E-01	0.00E+00	0.00E+00	4.24E-01	6.22E-07	7.18E-04	1.22E-03	0.00E+00	0.00E+00	8.70E-11	7.08E-09	3.08E-03	2.08E-01	0.00E+00	0.00E+00	4.08E-01	1.27E-05	7.63E-01	0.00E+00	6.89E-09	3.89E-09	3.37E-04	9.08E-09	7.88E-02	0.00E+00	7.63E-01	7.67E-08	7.63E-01	8.42E-01	7.88E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
WH37645305D	1.03E-03	1.33E-01	1.44E-02	1.08E-01	0.00E+00	0.00E+00	5.43E-01	8.99E-07	6.71E-04	9.61E-04	0.00E+00	-2.92E-04	9.75E-11	7.29E-09	3.95E-03	1.88E-01	0.00E+00	0.00E+00	5.03E-01	7.84E-03	8.86E-01	0.00E+00	7.18E-09	3.90E-09	2.83E-04	3.34E-07	8.12E-02	0.00E+00	8.86E-01	2.30E-07	8.86E-01	9.71E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
WH37645306D	1.03E-03	1.33E-01	1.44E-02	1.08E-01	0.00E+00	0.00E+00	5.43E-01	8.99E-07	6.71E-04	9.61E-04	0.00E+00	-2.92E-04	9.75E-11	7.29E-09	3.95E-03	1.88E-01	0.00E+00	0.00E+00	5.03E-01	7.84E-03	8.86E-01	0.00E+00	7.18E-09	3.90E-09	2.83E-04	3.34E-07	8.12E-02	0.00E+00	8.86E-01	2.30E-07	8.86E-01	9.71E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
WH37645700D	1.03E-03	1.35E-01	1.44E-02	1.31E-01	0.00E+00	0.00E+00	5.53E-01	9.19E-07	6.84E-04	1.12E-03	0.00E+00	-2.92E-04	9.89E-11	7.33E-09	4.09E-03	1.97E-01	0.00E+00	0.00E+00	5.16E-01	7.56E-03	9.67E-01	0.00E+00	7.95E-09	4.24E-09	3.21E-04	3.36E-07	8.08E-02	0.00E+00	9.67E-01	2.36E-07	9.67E-01	1.07E+00	8.08E-02	0.00E+00	0.00E+00	0.00E+00	1.73E+01
WH37645705D	9.88E-04	1.33E-01	1.44E-02	1.08E-01	0.00E+00	0.00E+00	5.43E-01	9.01E-07	6.81E-04	9.61E-04	0.00E+00	-2.92E-04	9.75E-11	7.47E-09	3.91E-03	1.88E-01	0.00E+00	0.00E+00	5.04E-01	7.48E-03	8.84E-01	0.00E+00	7.14E-09	3.85E-09	2.83E-04	3.34E-07	8.05E-02	0.00E+00	8.84E-01	2.31E-07	8.84E-01	9.64E-01	8.05E-02	0.00E+00	0.00E+00	0.00E+00	1.69E+01
WH37648300D	1.03E-03	1.36E-01	1.44E-02	1.31E-01	0.00E+00	0.00E+00	5.55E-01	9.18E-07	6.56E-04	1.11E-03	0.00E+00	-2.92E-04	9.91E-11	6.97E-09	4.17E-03	1.95E-01	0.00E+00	0.00E+00	5.13E-01	7.94E-03	1.02E+00	0.00E+00	8.37E-09	4.40E-09	3.18E-04	3.37E-07	8.13E-02	0.00E+00	1.02E+00	2.27E-07	1.02E+00	1.13E+00	8.13E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
WH37648305D	1.01E-03	1.33E-01	1.44E-02	1.08E-01	0.00E+00	0.00E+00	5.41E-01	8.98E-07	6.46E-04	9.55E-04	0.00E+00	-2.92E-04	9.78E-11	7.08E-09	3.96E-03	1.86E-01	0.00E+00	0.00E+00	4.99E-01	7.84E-03	8.95E-01	0.00E+00	7.24E-09	3.92E-09	2.79E-04	3.34E-07	8.07E-02	0.00E+00	8.95E-01	2.21E-07	8.95E-01	9.77E-01	8.07E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
WH37648306D	1.01E-03	1.33E-01	1.44E-02	1.08E-01	0.00E+00	0.00E+00	5.41E-01	8.98E-07	6.46E-04	9.55E-04	0.00E+00	-2.92E-04	9.78E-11	7.08E-09	3.96E-03	1.86E-01	0.00E+00	0.00E+00	4.99E-01	7.84E-03	8.95E-01	0.00E+00	7.24E-09	3.92E-09	2.79E-04	3.34E-07	8.07E-02	0.00E+00	8.95E-01	2.21E-07	8.95E-01	9.77E-01	8.07E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
WH37649000D	1.35E-03	3.27E-01	1.00E-01	2.26E-01	0.00E+00	0.00E+00	5.22E-01	9.74E-07	7.79E-04	1.93E-03	0.00E+00	-1.20E-02	1.01E-10	7.75E-09	4.83E-03	2.59E-01	0.00E+00	0.00E+00	5.29E-01	1.58E-01	1.22E+00	0.00E+00	1.06E-08	5.49E-09	5.15E-04	3.85E-06	8.70E-02	0.00E+00	1.22E+00	-1.10E-06	1.22E+00	1.30E+00	8.70E-02	0.00E+00	0.00E+00	0.00E+00	1.93E+01
WH37649100D	1.67E-03	3.50E-01	1.02E-01	2.48E-01	0.00E+00	0.00E+00	1.25E+00	2.82E-06	8.18E-04	2.35E-03	0.00E+00	-1.19E-02	2.12E-10	9.29E-09	9.50E-03	4.15E-01	0.00E+00	0.00E+00	1.10E+00	1.58E-01	2.38E+00	0.00E+00	1.89E-08	9.34E-09	6.67E-04	3.84E-06	1.83E-01	0.00E+00	2.38E+00	-6.13E-07	2.38E+00	2.56E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	4.00E+01
WH37660205D	1.17E-03	1.33E-01	9.57E-03	1.21E-01	0.00E+00	0.00E+00	6.21E-01	1.29E-06	7.86E-04	1.18E-03	0.00E+00	-1.85E-04	1.15E-10	8.01E-09	4.88E-03	2.43E-01	1.16E-07	0.00E+00	6.49E-01	2.18E-03	1.28E+00	0.00E+00	1.06E-08	5.48E-09	3.57E-04	8.31E-08	1.09E-01	0.00E+00	1.28E+00	3.81E-07	1.28E+00	1.41E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.28E+01
WH37660590D	2.83E-03	4.79E-01	2.16E-02	4.57E-01	0.00E+00	0.00E+00	5.55E+00	1.11E-05	1.02E-03	4.61E-03	0.00E+00	-1.79E-04	9.34E-10	1.84E-08	3.11E-02	1.14E+00	0.00E+00	0.00E+00	3.90E+00	2.45E-03	6.67E+00	0.00E+00	5.07E-08	2.33E-08	1.31E-03	1.16E-07	6.72E-01	0.00E+00	6.67E+00	1.55E-06	6.67E+00	7.34E+00	6.72E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
WH37660900D	1.63E-03	2.46E-01	6.53E-03	2.40E-01	0.00E+00	0.00E+00	1.41E+00	2.79E-06	8.04E-04	2.28E-03	0.00E+00	0.00E+00	2.48E-10	9.57E-09	9.63E-03	4.28E-01	0.00E+00	0.00E+00	1.14E+00	2.98E-05	2.29E+00	0.00E+00	1.87E-08	9.27E-09	6.39E-04	2.12E-08	2.06E-01	0.00E+00	2.29E+00	5.62E-07	2.29E+00	2.49E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	4.09E+01
WH37661000D	1.88E-03	1.36E-01	3.32E-03	1.33E-01	0.00E+00	0.00E+00	5.20E-01	1.07E-06	7.17E-04	1.30E-03	0.00E+00	0.00E+00	9.70E-11	7.63E-09	4.49E-03	2.51E-01	0.00E+00	0.00E+00	5.36E-01	1.47E-05	1.20E+00	0.00E+00	1.03E-08	5.46E-09	3.85E-04	1.04E-08	1.01E-01	0.00E+00	1.20E+00	3.23E-07	1.20E+00	1.30E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.96E+01
WH37661005D	2.40E-03	3.92E-01	2.49E-02	3.39E-01	0.00E+00	0.00E+00	1.39E+00	2.58E-06	9.25E-04	3.74E-03	0.00E+00	-1.41E-03	4.13E-10	1.12E-08	2.40E-02	5.18E-01	5.36E-06	0.00E+00	1.34E+00	1.53E-02	4.72E+00	0.00E+00	3.87E-08	1.41E-08	1.09E-03	5.98E-07	2.72E-01	0.00E+00	4.72E+00	1.11E-06	4.72E+00	5.20E+00	2.72E-01	0.00E+00	0.00E+00	0.00E+00	4.70E+01
WH37661006D	1.26E-03	1.38E-01	3.36E-03	1.35E-01	0.00E+00	0.00E+00	5.27E-01	1.10E-06	7.19E-04	1.32E-03	0.00E+00	0.00E+00	9.78E-11	7.65E-09	4.62E-03	2.56E-01	0.00E+00	0.00E+00	5.47E-01	1.50E-05	1.24E+00	0.00E+00	1.06E-08	5.61E-09	3.93E-04	1.07E-08	1.03E-01	0.00E+00	1.24E+00	3.43E-07	1.24E+00	1.34E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+01
WH37682100D	8.03E-04	1.34E-01	7.97E-03	1.27E-01	0.00E+00	0.00E+00	5.01E-01	1.36E-06	4.67E-04	8.69E-04	0.00E+00	6.39E-03	9.73E-11	4.96E-09	4.14E-03	1.97E-01	0.00E+00	0.00E+00	5.20E-01	1.53E-02	9.89E-01	0.00E+00	7.78E-09	4.23E-09	2.57E-04	1.67E-07	9.07E-02	0.00E+00	9.89E-01	3.19E-07	9.89E-01	1.12E+00	9.07E-02	0.00E+00	0.00E+00	0.00E+00	1.82E+01
WH37682200D	8.03E-04	1.34E-01	7.97E-03	1.27E-01	0.00E+00	0.00E+00	5.01E-01	1.36E-06	4.67E-04	8.69E-04	0.00E+00	6.39E-03	9.73E-11	4.96E-09	4.14E-03	1.97E-01	0.00E+00	0.00E+00	5.20E-01	1.53E-02	9.89E-01	0.00E+00	7.78E-09	4.23E-09	2.57E-04	1.67E-07	9.07E-02	0.00E+00	9.89E-01	3.19E-07	9.89E-01	1.12E+00	9.07E-02	0.00E+00	0.00E+00	0.00E+00	1.82E+01
WH37682300D	8.03E-04	1.34E-01	7.97E-03	1.27E-01	0.00E+00	0.00E+00	5.01E-01	1.36E-06	4.67E-04	8.69E-04	0.00E+00	6.39E-03	9.73E-11	4.96E-09	4.14E-03	1.97E-01	0.00E+00	0.00E+00	5.20E-01	1.53E-02	9.89E-01	0.00E+00	7.78E-09	4.23E-09	2.57E-04	1.67E-07	9.07E-02	0.00E+00	9.89E-01	3.19E-07	9.89E-01	1.12E+00	9.07E-02	0.00E+00	0.00E+00	0.00E+00	1.82E+01
WH37682400D	1.14E-03	2.53E-01	2.32E-02	1.81E-01	0.00E+00	0.00E+00	6.65E-01	1.57E-06	6.88E-04	1.65E-03	0.00E+00	5.94E-03	1.20E-10	7.46E-09	5.88E-03	2.64E-01	5.05E-06	0.00E+00	7.26E-01	2.47E-02	1.67E+00	0.00E+00	1.43E-08	7.19E-09	4.94E-04	5.96E-07	1.21E-01	0.00E+00	1.67E+00	5.84E-07	1.67E+00	1.76E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37682500D	1.14E-03	2.53E-01	2.32E-02	1.81E-01	0.00E+00	0.00E+00	6.65E-01	1.57E-06	6.88E-04	1.65E-03	0.00E+00	5.94E-03	1.20E-10	7.46E-09	5.88E-03	2.64E-01	5.05E-06	0.00E+00	7.26E-01	2.47E-02	1.67E+00	0.00E+00	1.43E-08	7.19E-09	4.94E-04	5.96E-07	1.21E-01	0.00E+00	1.67E+00	5.84E-07	1.67E+00	1.76E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37682600D	1.14E-03	2.53E-01	2.32E-02	1.81E-01	0.00E+00	0.00E+00	6.65E-01	1.57E-06	6.88E-04	1.65E-03	0.00E+00	5.94E-03	1.20E-10	7.46E-09	5.88E-03	2.64E-01	5.05E-06	0.00E+00	7.26E-01	2.47E-02	1.67E+00	0.00E+00	1.43E-08	7.19E-09	4.94E-04	5.96E-07	1.21E-01	0.00E+00	1.67E+00	5.84E-07	1.67E+00	1.76E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37683100D	1.16E-03	2.53E-01	2.32E-02	1.82E-01	0.00E+00	0.00E+00	6.64E-01	1.57E-06	6.87E-04	1.65E-03	0.00E+00	5.94E-03	1.20E-10	7.51E-09	5.90E-03	2.64E-01	5.05E-06	0.00E+00	7.25E-01	2.48E-02	1.67E+00	0.00E+00	1.43E-08	7.20E-09	4.95E-04	5.98E-07	1.21E-01	0.00E+00	1.67E+00	5.68E-07	1.67E+00	1.76E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37683106D	1.16E-03	2.53E-01	2.32E-02	1.82E-01	0.00E+00	0.00E+00	6.64E-01	1.57E-06	6.87E-04	1.65E-03	0.00E+00	5.94E-03	1.20E-10	7.51E-09	5.90E-03	2.64E-01	5.05E-06	0.00E+00	7.25E-01	2.48E-02	1.67E+00	0.00E+00	1.43E-08	7.20E-09	4.95E-04	5.98E-07	1.21E-01	0.00E+00	1.67E+00	5.68E-07	1.67E+00	1.76E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37683200D	1.16E-03	2.53E-01	2.32E-02	1.82E-01	0.00E+00	0.00E+00	6.64E-01	1.57E-06	6.87E-04	1.65E-03	0.00E+00	5.94E-03	1.20E-10	7.51E-09	5.90E-03	2.64E-01	5.05E-06	0.00E+00	7.25E-01	2.48E-02	1.67E+00	0.00E+00	1.43E-08	7.20E-09	4.95E-04	5.98E-07	1.21E-01	0.00E+00	1.67E+00	5.68E-07	1.67E+00	1.76E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37683205D	1.16E-03	2.53E-01	2.32E-02	1.82E-01	0.00E+00	0.00E+00	6.64E-01	1.57E-06	6.87E-04	1.65E-03	0.00E+00	5.94E-03	1.20E-10	7.51E-09	5.90E-03	2.64E-01	5.05E-06	0.00E+00	7.25E-01	2.48E-02	1.67E+00	0.00E+00	1.43E-08	7.20E-09	4.95E-04	5.98E-07	1.21E-01	0.00E+00	1.67E+00	5.68E-07	1.67E+00	1.76E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37683206D	1.16E-03	2.53E-01	2.32E-02	1.82E-01	0.00E+00	0.00E+00	6.64E-01	1.57E-06	6.87E-04	1.65E-03	0.00E+00	5.94E-03	1.20E-10	7.51E-09	5.90E-03	2.64E-01	5.05E-06	0.00E+00	7.25E-01	2.48E-02	1.67E+00	0.00E+00	1.43E-08	7.20E-09	4.95E-04	5.98E-07	1.21E-01	0.00E+00	1.67E+00	5.68E-07	1.67E+00	1.76E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37683300D	1.16E-03	2.53E-01	2.32E-02	1.82E-01	0.00E+00	0.00E+00	6.64E-01	1.57E-06	6.87E-04	1.65E-03	0.00E+00	5.94E-03	1.20E-10	7.51E-09	5.90E-03	2.64E-01	5.05E-06	0.00E+00	7.25E-01	2.48E-02	1.67E+00	0.00E+00	1.43E-08	7.20E-09	4.95E-04	5.98E-07	1.21E-01	0.00E+00	1.67E+00	5.68E-07	1.67E+00	1.76E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37683305D	1.16E-03	2.53E-01	2.32E-02	1.82E-01	0.00E+00	0.00E+00	6.64E-01	1.57E-06	6.87E-04	1.65E-03	0.00E+00	5.94E-03	1.20E-10	7.51E-09	5.90E-03	2.64E-01	5.05E-06	0.00E+00	7.25E-01	2.48E-02	1.67E+00	0.00E+00	1.43E-08	7.20E-09	4.95E-04	5.98E-07	1.21E-01	0.00E+00	1.67E+00	5.68E-07	1.67E+00	1.76E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37683306D	1.16E-03	2.53E-01	2.32E-02	1.82E-01	0.00E+00	0.00E+00	6.64E-01	1.57E-06	6.87E-04	1.65E-03	0.00E+00	5.94E-03	1.20E-10	7.51E-09	5.90E-03	2.64E-01	5.05E-06	0.00E+00	7.25E-01	2.48E-02	1.67E+00	0.00E+00	1.43E-08	7.20E-09	4.95E-04	5.98E-07	1.21E-01	0.00E+00	1.67E+00	5.68E-07	1.67E+00	1.76E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37683400D	8.04E-04	1.34E-01	7.97E-03	1.27E-01	0.00E+00	0.00E+00	5.00E-01	1.37E-06	4.64E-04	8.83E-04	0.00E+00	6.39E-03	9.77E-11	5.00E-09	4.22E-03	1.97E-01	0.00E+00	0.00E+00	5.18E-01	1.53E-02	9.92E-01	0.00E+00	7.88E-09	4.26E-09	2.58E-04	1.65E-07	9.09E-02	0.00E+00	9.92E-01	3.23E-07	9.92E-01	1.13E+00	9.09E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH37683406D	1.16E-03	2.53E-01	2.32E-02	1.82E-01	0.00E+00	0.00E+00	6.64E-01	1.58E-06	6.87E-04	1.65E-03	0.00E+00	5.94E-03	1.20E-10	7.50E-09	5.90E-03	2.64E-01	5.05E-06	0.00E+00	7.25E-01	2.47E-02	1.67E+00	0.00E+00	1.43E-08	7.21E-09	4.95E-04	5.96E-07	1.21E-01	0.00E+00	1.67E+00	5.72E-07	1.67E+00	1.76E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37683500D	8.04E-04	1.34E-01	7.97E-03	1.27E-01	0.00E+00	0.00E+00	5.00E-01	1.37E-06	4.64E-04	8.83E-04	0.00E+00	6.39E-03	9.77E-11	5.00E-09	4.22E-03	1.97E-01	0.00E+00	0.00E+00	5.18E-01	1.53E-02	9.92E-01	0.00E+00	7.88E-09	4.26E-09	2.58E-04	1.65E-07	9.09E-02	0.00E+00	9.92E-01	3.23E-07	9.92E-01	1.13E+00	9.09E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH37683506D	1.16E-03	2.53E-01	2.32E-02	1.82E-01	0.00E+00	0.00E+00	6.64E-01	1.58E-06	6.87E-04	1.65E-03	0.00E+00	5.94E-03	1.20E-10	7.50E-09	5.90E-03	2.64E-01	5.05E-06	0.00E+00	7.25E-01	2.47E-02	1.67E+00	0.00E+00	1.43E-08	7.21E-09	4.95E-04	5.96E-07	1.21E-01	0.00E+00	1.67E+00	5.72E-07	1.67E+00	1.76E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37683600D	8.04E-04	1.34E-01	7.97E-03	1.27E-01	0.00E+00	0.00E+00	5.00E-01	1.37E-06	4.64E-04	8.83E-04	0.00E+00	6.39E-03	9.77E-11	5.00E-09	4.22E-03	1.97E-01	0.00E+00	0.00E+00	5.18E-01	1.53E-02	9.92E-01	0.00E+00	7.88E-09	4.26E-09	2.58E-04	1.65E-07	9.09E-02	0.00E+00	9.92E-01	3.23E-07	9.92E-01	1.13E+00	9.09E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WH37683606D	1.16E-03	2.53E-01	2.32E-02	1.82E-01	0.00E+00	0.00E+00	6.64E-01	1.58E-06	6.87E-04	1.65E-03	0.00E+00	5.94E-03	1.20E-10	7.50E-09	5.90E-03	2.64E-01	5.05E-06	0.00E+00	7.25E-01	2.47E-02	1.67E+00	0.00E+00	1.43E-08	7.21E-09	4.95E-04	5.96E-07	1.21E-01	0.00E+00	1.67E+00	5.72E-07	1.67E+00	1.76E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
WH37685300D	9.77E-04	1.37E-01	1.48E-02	1.33E-01	0.00E+00	0.00E+00	5.53E-01	1.45E-06	6.30E-04	1.11E-03	0.00E+00	5.59E-03	9.93E-11	6.11E-09	4.24E-03	1.85E-01	0.00E+00	0.00E+00	5.22E-01	2.24E-02	1.05E+00	0.00E+00	8.27E-09	4.45E-09	3.22E-04	3.99E-07	8.52E-02	0.00E+00	1.05E+00	2.49E-07	1.05E+00	1.15E+00	8.52E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH37685400D	9.77E-04	1.37E-01	1.48E-02	1.33E-01	0.00E+00	0.00E+00	5.53E-01	1.45E-06	6.30E-04	1.11E-03	0.00E+00	5.59E-03	9.93E-11	6.11E-09	4.24E-03	1.85E-01	0.00E+00	0.00E+00	5.22E-01	2.24E-02	1.05E+00	0.00E+00	8.27E-09	4.45E-09	3.22E-04	3.99E-07	8.52E-02	0.00E+00	1.05E+00	2.49E-07	1.05E+00	1.15E+00	8.52E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH37685500D	9.77E-04	1.37E-01	1.48E-02	1.33E-01	0.00E+00	0.00E+00	5.53E-01	1.45E-06	6.30E-04	1.11E-03	0.00E+00	5.59E-03	9.93E-11	6.11E-09	4.24E-03	1.85E-01	0.00E+00	0.00E+00	5.22E-01	2.24E-02	1.05E+00	0.00E+00	8.27E-09	4.45E-09	3.22E-04	3.99E-07	8.52E-02	0.00E+00	1.05E+00	2.49E-07	1.05E+00	1.15E+00	8.52E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
WH37687000D	1.20E-03	2.59E-01	2.43E-02	1.83E-01	0.00E+00	0.00E+00	6.67E-01	1.63E-06	7.00E-04	1.70E-03	0.00E+00	5.25E-03	1.20E-10	7.62E-09	5.87E-03	2.68E-01	5.05E-06	0.00E+00	7.73E-01	3.37E-02	1.71E+00	0.00E+00	1.46E-08	7.30E-09	4.97E-04	8.20E-07	1.25E-01	0.00E+00	1.71E+00	5.57E-07	1.71E+00	1.81E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
WH37687100D	1.20E-03	2.59E-01	2.43E-02	1.83E-01	0.00E+00	0.00E+00	6.67E-01	1.63E-06	7.00E-04	1.70E-03	0.00E+00	5.25E-03	1.20E-10	7.62E-09	5.87E-03	2.68E-01	5.05E-06	0.00E+00	7.73E-01	3.37E-02	1.71E+00	0.00E+00	1.46E-08	7.30E-09	4.97E-04	8.20E-07	1.25E-01	0.00E+00	1.71E+00	5.57E-07	1.71E+00	1.81E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
WH37687200D	1.20E-03	2.59E-01	2.43E-02	1.83E-01	0.00E+00	0.00E+00	6.67E-01	1.63E-06	7.00E-04	1.70E-03	0.00E+00	5.25E-03	1.20E-10	7.62E-09	5.87E-03	2.68E-01	5.05E-06	0.00E+00	7.73E-01	3.37E-02	1.71E+00	0.00E+00	1.46E-08	7.30E-09	4.97E-04	8.20E-07	1.25E-01	0.00E+00	1.71E+00	5.57E-07	1.71E+00	1.81E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
WH37687300D	1.36E-03	2.67E-01	2.48E-02	1.94E-01	0.00E+00	0.00E+00	6.83E-01	1.65E-06	7.16E-04	1.82E-03	0.00E+00	5.25E-03	1.22E-10	7.48E-09	6.12E-03	2.80E-01	5.05E-06	0.00E+00	7.98E-01	3.83E-02	1.85E+00	0.00E+00	1.54E-08	7.83E-09	5.12E-04	8.57E-07	1.25E-01	0.00E+00	1.85E+00	5.32E-07	1.85E+00	1.97E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.25E+01
WH37687305D	1.33E-03	2.63E-01	2.47E-02	1.92E-01	0.00E+00	0.00E+00	6.79E-01	1.64E-06	7.16E-04	1.78E-03	0.00E+00	5.25E-03	1.20E-10	7.48E-09	5.82E-03	2.69E-01	5.05E-06	0.00E+00	7.77E-01	3.85E-02	1.72E+00	0.00E+00	1.46E-08	7.33E-09	5.04E-04	8.31E-07	1.25E-01	0.00E+00	1.72E+00	5.52E-07	1.72E+00	1.81E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.19E+01
WH37687400D	1.69E-03	2.55E-01	3.94E-02	2.15E-01	0.00E+00	0.00E+00	7.31E-01	2.12E-06	8.04E-04	2.18E-03	0.00E+00	-4.32E-03	1.21E-10	7.92E-09	8.14E-03	3.84E-01	0.00E+00	0.00E+00	8.73E-01	5.70E-02	2.40E+00	0.00E+00	1.93E-08	9.92E-09	6.57E-04	1.40E-06	1.56E-01	0.00E+00	2.40E+00	4.80E-07	2.40E+00	2.56E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	3.21E+01
WH37687405D	1.33E-03	2.63E-01	2.47E-02	1.92E-01	0.00E+00	0.00E+00	6.79E-01	1.64E-06	7.16E-04	1.78E-03	0.00E+00	5.25E-03	1.20E-10	7.48E-09	5.82E-03	2.69E-01	5.05E-06	0.00E+00	7.77E-01	3.85E-02	1.72E+00	0.00E+00	1.46E-08	7.33E-09	5.04E-04	8.31E-07	1.25E-01	0.00E+00	1.72E+00	5.52E-07	1.72E+00	1.81E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.19E+01
WH37687500D	1.36E-03	2.67E-01	2.48E-02	1.94E-01	0.00E+00	0.00E+00	6.83E-01	1.65E-06	7.16E-04	1.82E-03	0.00E+00	5.25E-03	1.22E-10	7.48E-09	6.12E-03	2.80E-01	5.05E-06	0.00E+00	7.98E-01	3.83E-02	1.85E+00	0.00E+00	1.54E-08	7.83E-09	5.12E-04	8.57E-07	1.25E-01	0.00E+00	1.85E+00	5.32E-07	1.85E+00	1.97E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.25E+01
WH37687505D	1.33E-03	2.63E-01	2.47E-02	1.92E-01	0.00E+00	0.00E+00	6.79E-01	1.64E-06	7.16E-04	1.78E-03	0.00E+00	5.25E-03	1.20E-10	7.48E-09	5.82E-03	2.69E-01	5.05E-06	0.00E+00	7.77E-01	3.85E-02	1.72E+00	0.00E+00	1.46E-08	7.33E-09	5.04E-04	8.31E-07	1.25E-01	0.00E+00	1.72E+00	5.52E-07	1.72E+00	1.81E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.19E+01
WH37687506D	1.33E-03	2.63E-01	2.47E-02	1.92E-01	0.00E+00	0.00E+00	6.79E-01	1.64E-06	7.16E-04	1.78E-03	0.00E+00	5.25E-03	1.20E-10	7.48E-09	5.82E-03	2.69E-01	5.05E-06	0.00E+00	7.77E-01	3.85E-02	1.72E+00	0.00E+00	1.46E-08	7.33E-09	5.04E-04	8.31E-07	1.25E-01	0.00E+00	1.72E+00	5.52E-07	1.72E+00	1.81E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.19E+01
WH37687600D	1.24E-03	2.64E-01	2.44E-02	1.84E-01	0.00E+00	0.00E+00	6.72E-01	1.65E-06	7.01E-04	1.74E-03	0.00E+00	5.25E-03	1.22E-10	7.62E-09	6.17E-03	2.79E-01	5.05E-06	0.00E+00	7.96E-01	3.34E-02	1.83E+00	0.00E+00	1.54E-08	7.81E-09	5.05E-04	8.43E-07	1.25E-01	0.00E+00	1.83E+00	5.39E-07	1.83E+00	1.96E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.24E+01
WH37687605D	1.20E-03	2.59E-01	2.43E-02	1.83E-01	0.00E+00	0.00E+00	6.67E-01	1.64E-06	7.00E-04	1.70E-03	0.00E+00	5.25E-03	1.20E-10	7.61E-09	5.87E-03	2.68E-01	5.05E-06	0.00E+00	7.73E-01	3.35E-02	1.71E+00	0.00E+00	1.46E-08	7.30E-09	4.97E-04	8.18E-07	1.25E-01	0.00E+00	1.71E+00	5.59E-07	1.71E+00	1.81E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
WH37687700D	1.31E-03	2.67E-01	2.53E-02	1.98E-01	0.00E+00	0.00E+00	6.97E-01	1.83E-06	7.01E-04	1.85E-03	0.00E+00	5.25E-03	1.22E-10	7.64E-09	6.31E-03	3.03E-01	5.05E-06	0.00E+00	7.91E-01	3.34E-02	1.89E+00	0.00E+00	1.58E-08	8.16E-09	5.31E-04	9.03E-07	1.26E-01	0.00E+00	1.89E+00	5.42E-07	1.89E+00	2.02E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
WH37687800D	1.31E-03	2.67E-01	2.53E-02	1.98E-01	0.00E+00	0.00E+00	6.97E-01	1.83E-06	7.01E-04	1.85E-03	0.00E+00	5.25E-03	1.22E-10	7.64E-09	6.31E-03	3.03E-01	5.05E-06	0.00E+00	7.91E-01	3.34E-02	1.89E+00	0.00E+00	1.58E-08	8.16E-09	5.31E-04	9.03E-07	1.26E-01	0.00E+00	1.89E+00	5.42E-07	1.89E+00	2.02E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
WH37693300D	1.02E-03	1.35E-01	7.96E-03	1.14E-01	0.00E+00	0.00E+00	6.56E-01	1.43E-06	4.50E-04	1.02E-03	0.00E+00	6.35E-03	1.05E-10	4.89E-09	4.47E-03	1.98E-01	0.00E+00	0.00E+00	5.55E-01	1.52E-02	1.10E+00	0.00E+00	8.58E-09	4.57E-09	2.83E-04	1.60E-07	9.06E-02	0.00E+00	1.10E+00	3.38E-07	1.10E+00	1.23E+00	9.06E-02	0.00E+00	0.00E+00	0.00E+00	2.04E+01
WH37693400D	1.03E-03	1.35E-01	7.96E-03	1.14E-01	0.00E+00	0.00E+00	6.56E-01	1.44E-06	4.52E-04	1.03E-03	0.00E+00	6.35E-03	1.06E-10	4.96E-09	4.55E-03	2.00E-01	0.00E+00	0.00E+00	5.52E-01	1.52E-02	1.11E+00	0.00E+00	8.68E-09	4.61E-09	2.85E-04	1.58E-07	9.07E-02	0.00E+00	1.11E+00	3.40E-07	1.11E+00	1.24E+00	9.07E-02	0.00E+00	0.00E+00	0.00E+00	2.04E+01
WH37732100D	1.12E-03	1.43E-01	9.15E-03	1.36E-01	0.00E+00	0.00E+00	5.61E-01	1.43E-06	7.05E-04	1.18E-03	0.00E+00	5.70E-03	9.91E-11	7.40E-09	4.48E-03	2.21E-01	0.00E+00	0.00E+00	5.53E-01	2.46E-02	1.15E+00	0.00E+00	9.12E-09	4.85E-09	3.40E-04	2.60E-07	9.38E-02	0.00E+00	1.15E+00	3.20E-07	1.15E+00	1.27E+00	9.38E-02	0.00E+00	0.00E+00	0.00E+00	1.90E+01
WH37732200D	1.12E-03	1.43E-01	9.15E-03	1.36E-01	0.00E+00	0.00E+00	5.61E-01	1.43E-06	7.05E-04	1.18E-03	0.00E+00	5.70E-03	9.91E-11	7.40E-09	4.48E-03	2.21E-01	0.00E+00	0.00E+00	5.53E-01	2.46E-02	1.15E+00	0.00E+00	9.12E-09	4.85E-09	3.40E-04	2.60E-07	9.38E-02	0.00E+00	1.15E+00	3.20E-07	1.15E+00	1.27E+00	9.38E-02	0.00E+00	0.00E+00	0.00E+00	1.90E+01
WH37732300D	1.12E-03	1.43E-01	9.15E-03	1.36E-01	0.00E+00	0.00E+00	5.61E-01	1.43E-06	7.05E-04	1.18E-03	0.00E+00	5.70E-03	9.91E-11	7.40E-09	4.48E-03	2.21E-01	0.00E+00	0.00E+00	5.53E-01	2.46E-02	1.15E+00	0.00E+00	9.12E-09	4.85E-09	3.40E-04	2.60E-07	9.38E-02	0.00E+00	1.15E+00	3.20E-07	1.15E+00	1.27E+00	9.38E-02	0.00E+00	0.00E+00	0.00E+00	1.90E+01
WH37733100D	1.12E-03	1.43E-01	9.15E-03	1.36E-01	0.00E+00	0.00E+00	5.61E-01	1.43E-06	7.05E-04	1.18E-03	0.00E+00	5.70E-03	9.91E-11	7.40E-09	4.48E-03	2.21E-01	0.00E+00	0.00E+00	5.53E-01	2.45E-02	1.15E+00	0.00E+00	9.12E-09	4.85E-09	3.40E-04	2.59E-07	9.38E-02	0.00E+00	1.15E+00	3.20E-07	1.15E+00	1.27E+00	9.38E-02	0.00E+00	0.00E+00	0.00E+00	1.90E+01
WH37733200D	1.02E-03	1.43E-01	9.15E-03	1.36E-01	0.00E+00	0.00E+00	5.59E-01	1.43E-06	6.57E-04	1.18E-03	0.00E+00	5.70E-03	9.95E-11	6.30E-09	4.55E-03	2.05E-01	0.00E+00	0.00E+00	5.52E-01	2.45E-02	1.15E+00	0.00E+00	9.18E-09	4.89E-09	3.40E-04	2.58E-07	9.40E-02	0.00E+00	1.15E+00	3.24E-07	1.15E+00	1.28E+00	9.40E-02	0.00E+00	0.00E+00	0.00E+00	1.89E+01
WH37733300D	1.02E-03	1.43E-01	9.15E-03	1.36E-01	0.00E+00	0.00E+00	5.59E-01	1.43E-06	6.57E-04	1.18E-03	0.00E+00	5.70E-03	9.95E-11	6.30E-09	4.55E-03	2.05E-01	0.00E+00	0.00E+00	5.52E-01	2.45E-02	1.15E+00	0.00E+00	9.18E-09	4.89E-09	3.40E-04	2.58E-07	9.40E-02	0.00E+00	1.15E+00	3.24E-07	1.15E+00	1.28E+00	9.40E-02	0.00E+00	0.00E+00	0.00E+00	1.89E+01

WH37893400D	1.20E-03	2.51E-01	2.39E-02	1.96E-01	0.00E+00	0.00E+00	7.29E-01	1.62E-06	6.41E-04	1.73E-03	0.00E+00	5.89E-03	1.41E-10	7.03E-09	5.94E-03	2.64E-01	5.05E-06	0.00E+00	7.52E-01
WH385703E	2.07E-03	3.40E-01	2.27E-02	2.80E-01	0.00E+00	0.00E+00	1.04E+00	2.75E-06	7.65E-04	2.89E-03	0.00E+00	-1.37E-03	2.12E-10	7.76E-09	1.31E-02	4.71E-01	5.36E-06	0.00E+00	1.21E+00
WH38585300D	5.66E-04	8.12E-02	2.49E-03	6.14E-02	0.00E+00	0.00E+00	3.60E-01	6.79E-07	3.02E-04	6.15E-04	0.00E+00	-1.98E-04	7.28E-11	3.63E-09	3.00E-03	1.44E-01	0.00E+00	0.00E+00	3.58E-01
WH38585305D	4.31E-04	5.11E-02	1.18E-03	4.99E-02	2.28E-10	0.00E+00	1.94E-01	5.11E-07	2.17E-04	5.05E-04	0.00E+00	6.31E-07	3.24E-11	2.15E-09	1.94E-03	9.64E-02	0.00E+00	0.00E+00	2.18E-01
WH38585306D	5.83E-04	8.14E-02	2.48E-03	6.09E-02	0.00E+00	0.00E+00	3.60E-01	6.89E-07	3.08E-04	6.15E-04	0.00E+00	-1.98E-04	7.28E-11	3.48E-09	3.00E-03	1.46E-01	0.00E+00	0.00E+00	3.61E-01
WH38750400Z	1.05E-03	1.57E-01	1.53E-02	1.36E-01	0.00E+00	0.00E+00	6.18E-01	9.34E-07	4.57E-04	1.42E-03	0.00E+00	-3.09E-04	1.21E-10	4.48E-09	6.37E-03	2.50E-01	0.00E+00	0.00E+00	6.32E-01
WH39620300D	4.38E-04	1.04E-01	1.41E-03	1.03E-01	0.00E+00	0.00E+00	2.20E-01	4.70E-07	1.91E-04	8.99E-04	0.00E+00	0.00E+00	4.13E-11	1.66E-09	2.40E-03	1.07E-01	0.00E+00	0.00E+00	2.27E-01
WH39620305D	1.18E-03	2.60E-01	2.14E-02	1.67E-01	0.00E+00	0.00E+00	6.67E-01	1.14E-06	6.87E-04	1.62E-03	0.00E+00	-4.68E-04	1.20E-10	7.51E-09	5.81E-03	2.61E-01	5.36E-06	0.00E+00	7.73E-01
WH39620400D	4.51E-04	1.07E-01	1.46E-03	1.06E-01	0.00E+00	0.00E+00	2.26E-01	4.94E-07	1.93E-04	9.30E-04	0.00E+00	0.00E+00	4.23E-11	1.68E-09	2.51E-03	1.11E-01	0.00E+00	0.00E+00	2.36E-01
WHDY11580100C	3.99E-04	7.60E-02	1.97E-02	5.63E-02	0.00E+00	0.00E+00	2.83E-01	5.35E-07	2.27E-04	5.03E-04	0.00E+00	-2.28E-03	5.08E-11	2.54E-09	1.82E-03	8.95E-02	0.00E+00	0.00E+00	2.31E-01
WHDY11592200C	5.17E-04	3.88E-02	2.38E-02	3.97E-02	0.00E+00	0.00E+00	1.94E-01	4.82E-07	2.25E-04	3.52E-04	0.00E+00	-2.60E-03	3.46E-11	2.36E-09	1.33E-03	8.00E-02	0.00E+00	0.00E+00	1.74E-01
WHDY11640100C	1.11E-03	1.41E-01	2.63E-02	1.14E-01	0.00E+00	0.00E+00	5.74E-01	1.02E-06	7.03E-04	1.04E-03	0.00E+00	-2.87E-03	1.07E-10	7.46E-09	3.49E-03	2.14E-01	0.00E+00	0.00E+00	5.00E-01
WHDY14580100Q	4.28E-04	1.62E-01	7.38E-02	8.83E-02	0.00E+00	0.00E+00	2.92E-01	5.35E-07	2.46E-04	7.24E-04	0.00E+00	-8.98E-03	5.24E-11	2.81E-09	2.02E-03	8.95E-02	0.00E+00	0.00E+00	2.31E-01
WHDY14585400Q	1.95E-03	3.02E-01	7.11E-02	2.42E-01	0.00E+00	0.00E+00	1.16E+00	2.66E-06	7.24E-04	2.29E-03	0.00E+00	-7.99E-03	2.30E-10	7.79E-09	1.22E-02	4.71E-01	0.00E+00	0.00E+00	1.18E+00
WHDY14592200Q	1.95E-03	3.01E-01	7.16E-02	2.41E-01	0.00E+00	0.00E+00	1.16E+00	2.65E-06	7.25E-04	2.28E-03	0.00E+00	-8.28E-03	2.30E-10	7.79E-09	1.22E-02	4.71E-01	0.00E+00	0.00E+00	1.18E+00
WHDY14595200Q	1.95E-03	3.01E-01	7.16E-02	2.41E-01	0.00E+00	0.00E+00	1.16E+00	2.65E-06	7.25E-04	2.28E-03	0.00E+00	-8.28E-03	2.30E-10	7.79E-09	1.22E-02	4.71E-01	0.00E+00	0.00E+00	1.18E+00
WHDY14640500Q	1.20E-03	2.21E-01	7.58E-02	1.45E-01	0.00E+00	0.00E+00	6.07E-01	1.07E-06	7.61E-04	1.26E-03	0.00E+00	-9.00E-03	1.13E-10	8.15E-09	3.80E-03	2.24E-01	0.00E+00	0.00E+00	5.24E-01
WHDY23580100Q	4.27E-04	1.60E-01	7.24E-02	8.75E-02	0.00E+00	0.00E+00	2.92E-01	5.35E-07	2.45E-04	7.19E-04	0.00E+00	-8.81E-03	5.23E-11	2.80E-09	2.02E-03	8.95E-02	0.00E+00	0.00E+00	2.31E-01
WHDY23595200Q	1.96E-03	3.03E-01	7.21E-02	2.41E-01	0.00E+00	0.00E+00	1.16E+00	2.67E-06	7.26E-04	2.28E-03	0.00E+00	-8.33E-03	2.30E-10	7.78E-09	1.21E-02	4.70E-01	0.00E+00	0.00E+00	1.18E+00
WHDY23620100Q	8.56E-04	2.03E-01	7.67E-02	1.26E-01	0.00E+00	0.00E+00	4.58E-01	7.95E-07	5.32E-04	1.07E-03	0.00E+00	-9.22E-03	8.50E-11	5.73E-09	2.97E-03	1.62E-01	0.00E+00	0.00E+00	3.85E-01
WHDY23640100Q	1.15E-03	2.25E-01	7.75E-02	1.48E-01	0.00E+00	0.00E+00	6.05E-01	1.05E-06	7.23E-04	1.27E-03	0.00E+00	-9.21E-03	1.12E-10	7.77E-09	3.78E-03	2.17E-01	0.00E+00	0.00E+00	5.13E-01
WJA100B	6.69E-04	5.49E-02	1.81E-03	5.31E-02	0.00E+00	0.00E+00	3.07E-01	8.22E-07	3.55E-04	5.99E-04	0.00E+00	0.00E+00	5.16E-11	3.78E-09	2.86E-03	1.47E-01	0.00E+00	0.00E+00	3.43E-01
WJA102B	6.05E-04	5.02E-02	3.16E-03	4.46E-02	0.00E+00	0.00E+00	2.32E-01	5.00E-07	2.87E-04	4.52E-04	0.00E+00	-5.35E-04	3.86E-11	2.84E-09	1.69E-03	1.07E-01	0.00E+00	0.00E+00	2.39E-01
WJA122B	8.67E-04	1.02E-01	1.47E-02	8.19E-02	0.00E+00	0.00E+00	5.29E-01	1.24E-06	3.91E-04	7.67E-04	0.00E+00	-5.96E-04	9.61E-11	3.21E-09	4.13E-03	1.97E-01	1.39E-08	0.00E+00	5.54E-01
WJA160B	7.00E-04	4.91E-02	8.81E-03	5.37E-02	0.00E+00	0.00E+00	2.63E-01	5.71E-07	3.11E-04	5.14E-04	0.00E+00	-5.92E-04	4.39E-11	2.19E-09	2.31E-03	8.68E-02	0.00E+00	0.00E+00	2.89E-01
WJC100B	6.80E-04	8.73E-02	2.21E-02	6.51E-02	0.00E+00	0.00E+00	3.10E-01	8.22E-07	3.62E-04	6.82E-04	0.00E+00	-2.52E-03	5.22E-11	3.88E-09	2.94E-03	1.47E-01	0.00E+00	0.00E+00	3.43E-01
WJC102B	6.32E-04	9.63E-02	8.99E-03	8.84E-02	0.00E+00	0.00E+00	3.32E-01	7.09E-07	3.81E-04	7.87E-04	0.00E+00	-9.89E-04	6.62E-11	3.01E-09	3.20E-03	1.39E-01	0.00E+00	0.00E+00	3.25E-01
WJC122B	1.17E-03	1.86E-01	1.38E-02	1.35E-01	0.00E+00	0.00E+00	5.37E-01	1.42E-06	4.98E-04	1.53E-03	0.00E+00	-8.98E-04	1.48E-10	3.39E-09	7.31E-03	2.66E-01	1.39E-08	0.00E+00	7.45E-01
WJC132B	1.11E-03	1.64E-01	1.35E-02	1.28E-01	0.00E+00	0.00E+00	5.31E-01	1.40E-06	4.45E-04	1.48E-03	0.00E+00	-8.98E-04	1.47E-10	2.91E-09	7.26E-03	2.65E-01	1.39E-08	0.00E+00	7.34E-01
WJC142B	1.00E-03	1.59E-01	1.34E-02	1.28E-01	0.00E+00	0.00E+00	5.19E-01	1.17E-06	4.33E-04	1.43E-03	0.00E+00	-9.06E-04	1.46E-10	2.66E-09	7.02E-03	2.49E-01	0.00E+00	0.00E+00	6.60E-01
WJC157B	6.49E-04	7.06E-02	2.30E-03	7.42E-02	0.00E+00	0.00E+00	2.89E-01	6.89E-07	3.03E-04	8.50E-04	0.00E+00	-1.83E-04	5.41E-11	2.95E-09	2.87E-03	1.38E-01	0.00E+00	0.00E+00	2.93E-01
WJC160B	6.58E-04	9.80E-02	1.03E-02	8.48E-02	0.00E+00	0.00E+00	3.41E-01	8.30E-07	4.00E-04	7.79E-04	0.00E+00	-1.05E-03	7.60E-11	2.83E-09	3.45E-03	1.49E-01	0.00E+00	0.00E+00	3.44E-01
WJC162B	1.14E-03	1.83E-01	1.24E-02	1.34E-01	0.00E+00	0.00E+00	5.33E-01	1.28E-06	4.51E-04	1.55E-03	0.00E+00	-5.33E-04	1.47E-10	3.09E-09	7.28E-03	2.64E-01	0.00E+00	0.00E+00	7.49E-01
WMS51	5.42E-04	1.04E-01	2.61E-02	7.78E-02	0.00E+00	0.00E+00	3.70E-01	6.59E-07	1.93E-04	6.76E-04	0.00E+00	-3.04E-03	6.63E-11	2.34E-09	2.37E-03	1.00E-01	0.00E+00	0.00E+00	2.75E-01
WMS81	5.59E-04	1.05E-01	2.55E-02	8.00E-02	0.00E+00	0.00E+00	3.73E-01	6.63E-07	1.99E-04	6.95E-04	0.00E+00	-2.95E-03	6.70E-11	2.43E-09	2.41E-03	1.02E-01	0.00E+00	0.00E+00	2.78E-01
WMS812LN	1.43E-03	2.02E-01	4.93E-02	1.78E-01	0.00E+00	0.00E+00	6.31E-01	1.47E-06	4.80E-04	1.27E-03	0.00E+00	-5.96E-03	2.37E-10	5.90E-09	7.50E-03	2.09E-01	6.93E-06	0.00E+00	4.67E-01
WMS82	1.46E-03	2.05E-01	4.55E-02	1.88E-01	0.00E+00	0.00E+00	7.18E-01	1.34E-06	5.49E-04	1.44E-03	0.00E+00	-6.11E-03	1.22E-10	6.40E-09	5.36E-03	2.37E-01	2.13E-07	0.00E+00	4.95E-01
WMSO100	2.57E-04	6.73E-01	4.19E-01	2.54E-01	0.00E+00	0.00E+00	1.57E-01	1.76E-07	1.49E-04	1.78E-03	0.00E+00	-5.20E-02	2.70E-11	2.27E-09	2.05E-03	1.59E-02	0.00E+00	0.00E+00	6.23E-02
WMSS115	8.83E-04	1.73E-01	3.16E-02	1.58E-01	0.00E+00	0.00E+00	5.29E-01	1.11E-06	3.88E-04	1.12E-03	0.00E+00	-3.45E-03	1.21E-10	4.49E-09	6.46E-03	1.74E-01	7.91E-06	0.00E+00	4.46E-01
WMSS81	7.91E-04	1.23E-01	2.91E-02	9.44E-02	0.00E+00	0.00E+00	4.35E-01	7.58E-07	2.96E-04	8.27E-04	0.00E+00	-3.35E-03	7.91E-11	3.56E-09	2.83E-03	1.28E-01	0.00E+00	0.00E+00	3.33E-01
WMSS81G	1.03E-03	1.15E-01	3.31E-02	8.84E-02	0.00E+00	0.00E+00	4.91E-01	1.04E-06	3.06E-04	7.64E-04	0.00E+00	-3.74E-03	9.87E-11	4.26E-09	2.63E-03	1.61E-01	0.00E+00	0.00E+00	4.21E-01
WMSS81N	1.03E-03	1.15E-01	3.25E-02	8.58E-02	0.00E+00	0.00E+00	4.94E-01	1.05E-06	3.10E-04	7.57E-04	0.00E+00	-3.72E-03	9.88E-11	4.32E-09	2.64E-03	1.60E-01	0.00E+00	0.00E+00	4.24E-01
WMSS81R	1.03E-03	1.13E-01	3.31E-02	8.65E-02	0.00E+00	0.00E+00	4.90E-01	1.04E-06	3.08E-04	7.61E-04	0.00E+00	-3.72E-03	9.84E-11	4.32E-09	2.64E-03	1.61E-01	0.00E+00	0.00E+00	4.24E-01
WMSS81RR	1.03E-03	1.18E-01	3.30E-02	8.85E-02	0.00E+00	0.00E+00	4.93E-01	1.05E-06	3.11E-04	7.56E-04	0.00E+00	-3.73E-03	9.79E-11	4.36E-09	2.64E-03	1.61E-01	0.00E+00	0.00E+00	4.28E-01
WMSS82	1.59E-03	2.19E-01	5.02E-02	1.69E-01	0.00E+00	0.00E+00	7.37E-01	1.25E-06	6.19E-04	1.49E-03	0.00E+00	-5.77E-03	1.36E-10	7.24E-09	4.87E-03	2.37E-01	0.00E+00	0.00E+00	5.83E-01
WMSS82N	1.47E-03	1.99E-01	4.97E-02	1.69E-01	0.00E+00	0.00E+00	7.06E-01	1.35E-06	5.18E-04	1.30E-03	0.00E+00	-6.84E-03	1.32E-10	6.23E-09	5.29E-03	2.19E-01	0.00E+00	0.00E+00	4.84E-01
WMSS82O	2.27E-03	2.36E-01	5.19E-02	1.84E-01	0.00E+00	0.00E+00	8.84E-01	1.51E-06	9.30E-04	1.64E-03	0.00E+00	-5.87E-03	1.64E-10	1.04E-08	5.46E-03	3.04E-01	0.00E+00	0.00E+00	7.28E-01
WMSS82OG	2.27E-03	2.36E-01	5.19E-02	1.84E-01	0.00E+00	0.00E+00	8.84E-01	1.51E-06	9.30E-04	1.64E-03	0.00E+00	-5.87E-03	1.64E-10	1.04E-08	5.46E-03	3.04E-01	0.00E+00	0.00E+00	7.28E-01
WMSS82ON	1.80E-03	2.33E-01	5.08E-02	1.85E-01	0.00E+00	0.00E+00	8.06E-01	1.51E-06	7.31E-04	1.61E-03	0.00E+00	-6.33E-03	1.34E-10	9.13E-09	5.29E-03	2.54E-01	0.00E+00	0.00E+00	5.00E-01
WMSS82OR	1.81E-03	2.42E-01	5.13E-02	1.96E-01	0.00E+00	0.00E+00	8.02E-01	1.48E-06	7.42E-04	1.64E-03	0.00E+00	-6.29E-03	1.34E-10	9.22E-09	5.11E-03	2.55E-01	0.00E+00	0.00E+00	5.05E-01
WMSS82ORR	1.81E-03	2.42E-01	5.12E-02	1.95E-01	0.00E+00	0.00E+00	8.03E-01	1.48E-06	7.27E-04	1.63E-03	0.00E+00	-6.33E-03	1.33E-10	9.16E-09	5.19E-03	2.54E-01	0.00E+00	0.00E+00	5.03E-01
WMSS82R	1.46E-03	2.07E-01	4.97E-02	1.77E-01	0.00E+00	0.00E+00	6.82E-01	1.28E-06	4.65E-04	1.25E-03	0.00E+00	-6.84E-03	1.31E-10	5.54E-09	5.57E-03	2.24E-01	0.00E+00	0.00E+00	4.94E-01
WMSS82R/CS	1.48E-03	2.09E-01	4.99E-02	1.88E-01	0.00E+00	0.00E+00	6.84E-01	1.31E-06	5.26E-04	1.33E-03	0.00E+00	-6.93E-03	1.31E-10	6.22E-09	5.15E-03	2.17E-01	0.00E+00	0.00E+00	4.90E-01
WMSS82R/UPS	1.48E-03	2.17E-01	5.00E-02	1.87E-01	0.00E+00	0.00E+00	6.82E-01	1.30E-06	5.26E-04	1.33E-03	0.00E+00	-6.93E-03	1.31E-10	6.22E-09	5.15E-03	2.17E-01	0.00E+00	0.00E+00	4.89E-01
WMSS82RR	1.48E-03	2.17E-01	5.02E-02	1.85E-01	0.00E+00	0.00E+00	6.95E-01	1.34E-06	5.13E-04	1.34E-03	0.00E+00	-6.96E-03	1.31E-10	6.12E-09	5.30E-03	2.21E-01	0.00E+00	0.00E+00	4.82E-01
WMV100B	6.01E-04	6.81E-02	1.94E-02	4.87E-02	0.00E+00	0.00E+00	4.49E-01	8.32E-07	3.70E-04	4.92E-04	0.00E+00	-2.15E-03	8.03E-11	4.42E-09	2.62E-03	1.34E-01	0.00E+00	0.00E+00	3.58E-01
WMV100N	6.10E-04	7.76E-02	1.94E-02	5.82E-02	0.00E+00	0.00E+00	4.47E-01	8.08E-07	3.75E-04	5.61E-04	0.00E+00	-2.15E-03	8.02E-11	4.41E-09	2.49E-03	1.32E-01	0.00E+00	0.00E+00	3.50E-01
WNA100	6.64E-04	7.36E-02	2.49E-03	7.11E-02	4.29E-10	0.00E+00	3.54E-01	6.75E-07	3.66E-04	7.37E-04	0.00E+00	1.32E-04	1.08E-10	3.90E-09	3.95E-03	1.55E-01	0.00E+00	0.00E+00	4.18E-01
WNA100B	6.65E-04	7.38E-02	2.50E-03	7.13E-02	4.32E-10	0.00E+00	3.55E-01	6.76E-07	3.66E-04	7.40E-04	0.00E+00	1.32E-04	1.08E-10	3.90E-09	3.97E-03	1.56E-01	0.00E+00	0.00E+00	4.18E-01
WNA105	8.02E-04	8.82E-02	1.24E-02	7.59E-02	5.27E-10	0.00E+00	5.52E-01	1.18E-06	3.76E-04	8.88E-04	0.00E+00	5.51E-03	1.07E-10	3.99E-09	5.76E-03	1.84E-01	0.00E+00	0.00E+00	5.14E-01
WNA160	5.85E-04	7.09E-02	2.25E-03	6.86E-02	0.00E+00	0.00E+00	3.11E-01	6.17E-07	3.13E-04	7.14E-04	0.00E+00	-2.35E-05	9.86E-11	3.23E-09	3.70E-03	1.42E-01	0.00E+00	0.00E+00	3.83E-01
WNA160B	5.87E-04	7.13E-02	2.26E-03	6.90E-02	0.00E+00	0.00E+00	3.12E-01	6.18E-07	3.13E-04	7.18E-04	0.00E+00	-2.35E-05	9.88E-11	3.23E-09	3.74E-03	1.43E-01	0.00E+00	0.00E+00	3.84E-01
WNA161	5.65E-04	7.10E-02	3.51E-03	6.75E-02	0.00E+00	0.00E+00	3.11E-01	5.53E-07	3.07E-04	7.04E-04	0.00E+00	-1.93E-04	5.96E-11	3.15E-09	3.73E-03	1.37E-01	0.00E+00	0.00E+00	3.07E-01
WNA161B	5.67E-04	7.14E-02	3.52E-03	6.79E-02	0.00E+00	0.00E+00	3.12E-01	5.54E-07	3.08E-04	7.08E-04	0.00E+00	-1.93E-04	5.98E-11	3.16E-09	3.76E-03	1.38E-01	0.00E+00	0.00E+00	3.09E-01
WNC100	8.61E-04	1.23E-01	8.79E-03	1.14E-01	9.05E-10	0.00E+00	5.39E-01	8.00E-07	4.13E-04	1.28E-03	0.00E+00	3.01E-03	1.32E-10	4.18E-09	8.92E-03	2.31E-01	0.00E+00	0.00E+00	5.65E-01
WNC100EC	8.68E-04	1.25E-01	8.84E-03	1.16E-01	9.22E-10	0.00E+00	5.43E-01	8.05E-07	4.15E-04	1.31E-03	0.00E+00	3.01E-03	1.33E-10	4.19E-09	9.08E-03	2.35E-01	0.00E+00	0.00E+00	5.72E-01
WNC122	1.72E-03	2.48E-01	2.13E-02	2.27E-01	1.82E-09	0.00E+00	1.12E+00	1.59E-06	8.25E-04	2.56E-03	0.00E+00	8.10E-03	2.62E-10	8.35E-09	1.82E-02	4.55E-01	0.00E+00	0.00E+00	1.11E+00
WNC122B	1.72E-03	2.48E-01	2.13E-02	2.27E-01	1.83E-09	0.00E+00	1.12E+00	1.59E-06	8.25E-04	2.56E-03	0.00E+00	8.10E-03	2.62E-10	8.35E-09	1.82E-02	4.56E-01	0.00E+00	0.00E+00	1.12E+00
WNC123	2.55E-03	3.68E-01	3.30E-02	3.35E-01	2.70E-09	0.00E+00	1.69E+00	2.37E-06	1.23E-03	3.78E-03	0.00E+00	1.28E-02	3.90E-10	1.25E-08	2.70E-02	6.72E-01	0.00E+00	0.00E+00	1.65E+00
WNC123B	2.57E-03	3.71E-01	3.31E-02	3.38E-01	2.73E-09	0.00E+00	1.69E+00	2.38E-06	1.24E-03	3.82E-03	0.00E+00	1.28E-02	3.92E-10	1.25E-08	2.73E-02	6.77E-01	0.00E+00	0.00E+00	1.66E+00
WNC160	8.01E-04	1.23E-01	8.69E-03	1.15E-01	9.13E-10	0.00E+00	5.17E-01	7.63E-07	3.68E-04	1.29E-03	0.00E+00	3.01E-03	1.28E-10	3.59E-09	8.96E-03	2.24E-01	0.00E+00	0.00E+00	5.49E-01
WNC160B	8.01E-04	1.23E-01	8.35E-03	1.15E-01	9.11E-10	0.00E+00	5.13E-01	7.64E-07	3.68E-04	1.29E-03	0.00E+00	2.82E-03	1.28E-10	3.59E-09	8.92E-03	2.25E-01	0.00E+00	0.00E+00	5.50E-01
WNC161	8.06E-04	1.26E-01	8.86E-03	1.17E-01	9.32E-10	0.00E+00	5.79E-01	8.90E-07	3.64E-04	1.31E-03	0.00E+00	3.01E-03	1.38E-10	3.67E-09	9.14E-03	2.32E-01	0.00E+00	0.00E+00	5.85E-01
WNC161B	8.14E-04	1.28E-01	8.56E-03	1.19E-01	9.47E-10	0.00E+00	5.80E-01	8.96E-07	3.66E-04	1.33E-03	0.00E+00	2.82E-03	1.39E-10	3.68E-09	9.27E-03	2.36E-01	0.00E+00	0.00E+00	5.93E-01
WNC162	1.58E-03	2.44E-01	2.10E-02	2.23E-01	1.80E-09	0.00E+00	1.07E+00	1.50E-06	7.30E-04	2.51E-03	0.00E+00	8.10E-03	2.52E-10	7.16E-09	1.78E-02	4.33E-01	0.00E+00	0.00E+00	1.07E+00
WNC162B	1.58E-03	2.45E-01	2.10E-02	2.24E-01	1.81E-09	0.00E+00	1.07E+00	1.51E-06	7.32E-04	2.52E-03	0.00E+00	8.10E-03	2.53E-10	7.16E-09	1.80E-02	4.35E-01	0.00E+00	0.00E+00	1.07E+00
WNC164	1.60E-03	2.52E-01	2.14E-02	2.31E-01	1.87E-09	0.00E+00	1.20E+00	1.77E-06	7.27E-04	2.59E-03	0.00E+00	8.10E-03	2.74E-10	7.33E-09	1.85E-02	4.54E-01	0.00E+00	0.00E+00	1.15E+00
WNC165	2.39E-03	3.76E-01	3.32E-02	3.43E-01	2.78E-09	0.00E+00	1.81E+00	2.64E-06	1.09E-03	3.85E-03	0.00E+00	1.28E-02	4.08E-10	1.10E-08	2.76E-02	6.73E-01	0.00E+00	0.00E+00	1.71E+00
WNC166	1.52E-03	1.50E-01	1.10E-02	1.39E-01	1.09E-09	0.00E+00	8.11E-01	1.25E-06	8.58E-04	1.58E-03	0.00E+00	3.33E-03	1.82E-10	9.32E-09	1.07E-02	3.47E-01	0.00E+00	0.00E+00	8.15E-01
WNC166B	1.53E-03	1.52E-01	1.07E-02	1.41E-01	1.11E-09	0.00E+00	8.13E-01	1.26E-06	8.61E-04	1.60E-03	0.00E+00	3.14E-03	1.84E-10	9.33E-09	1.08E-02	3.52E-01	0.00E+00	0.00E+00	8.24E-01
WNC172	1.56E-03	2.38E-01	2.08E-02	2.17E-01	1.78E-09	0.00E+00	1.05E+00	1.45E-06	7.26E-04	2.46E-03	0.00E+00	8.06E-03	2.43E-10	7.12E-09	1.78E-02	4.27E-01	0.00E+00	0.00E+00	1.04E+00
WNC172B	1.57E-03	2.42E-01	2.08E-02	2.21E-01	1.78E-09	0.00E+00	1.06E+00	1.50E-06	7.29E-04	2.49E-03	0.00E+00	8.06E-03	2.51E-10	7.15E-09	1.77E-02	4.30E-01	0.00E+00	0.00E+00	1.06E+00
WNC174	1.59E-03	2.50E-01	2.12E-02	2.29E-01	1.85E-09	0.00E+00	1.19E+00	1.76E-06	7.24E-04	2.57E-03	0.00E+00	8.06E-03	2.73E-10	7.31E-09	1.83E-02	4.51E-01	0.00E+00	0.00E+00	1.14E+00
WNE160B	8.00E-04	1.23E-01	6.15E-03	1.16E-01	7.27E-10	0.00E+00	4.76E-01	9.53E-07	3.62E-04	1.21E-03	0.00E+00	1.79E-03	1.20E-10	3.56E-09	6.59E-03	2.11E-01	0.00E+00	0.00E+00	5.37E-01
WNE161B	8.12E-04	1.27E-01	6.37E-03	1.21E-01	7.64E-10	0.00E+00	5.42E-01	1.08E-06	3.60E-04	1.26E-03	0.00E+00	1.79E-03	1.31E-10	3.65E-09	6.94E-03	2.22E-01	0.00E+00	0.00E+00	5.80E-01

WH37893400D	2.47E-02	1.76E+00	0.00E+00	1.52E-08	7.53E-09	4.92E-04	6.68E-07	1.27E-01	0.00E+00	1.76E+00	5.36E-07	1.76E+00	1.92E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
WH385703E	1.28E-02	3.31E+00	0.00E+00	2.72E-08	1.31E-08	8.54E-04	5.50E-07	2.08E-01	0.00E+00	3.31E+00	9.06E-07	3.31E+00	3.43E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	4.07E+01
WH38585300D	1.19E-03	7.30E-01	0.00E+00	6.26E-09	3.37E-09	1.97E-04	6.21E-08	6.62E-02	0.00E+00	7.30E-01	2.40E-07	7.30E-01	7.99E-01	6.62E-02	0.00E+00	0.00E+00	0.00E+00	1.33E+01
WH38585305D	1.40E-05	5.65E-01	0.00E+00	4.56E-09	2.38E-09	1.54E-04	1.11E-08	4.02E-02	0.00E+00	5.65E-01	2.16E-07	5.65E-01	6.05E-01	4.02E-02	0.00E+00	0.00E+00	0.00E+00	7.99E+00
WH38585306D	1.13E-03	7.29E-01	0.00E+00	6.25E-09	3.39E-09	1.98E-04	5.68E-08	6.67E-02	0.00E+00	7.29E-01	2.44E-07	7.29E-01	8.08E-01	6.67E-02	0.00E+00	0.00E+00	0.00E+00	1.39E+01
WH38750400Z	6.85E-03	1.50E+00	0.00E+00	1.21E-08	6.16E-09	4.27E-04	3.93E-07	1.05E-01	0.00E+00	1.50E+00	2.97E-07	1.50E+00	1.60E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	1.94E+01
WH39620300D	9.26E-06	6.38E-01	0.00E+00	5.51E-09	2.82E-09	2.35E-04	6.60E-09	4.46E-02	0.00E+00	6.38E-01	2.01E-07	6.38E-01	6.83E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	8.05E+00
WH39620305D	2.03E-02	1.61E+00	0.00E+00	1.41E-08	6.92E-09	4.79E-04	7.15E-07	1.24E-01	0.00E+00	1.61E+00	5.49E-07	1.61E+00	1.71E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
WH39620400D	9.63E-06	6.72E-01	0.00E+00	5.78E-09	2.95E-09	2.43E-04	6.86E-09	4.63E-02	0.00E+00	6.72E-01	2.16E-07	6.72E-01	7.18E-01	4.63E-02	0.00E+00	0.00E+00	0.00E+00	8.38E+00
WHDY11580100C	3.00E-02	4.14E-01	0.00E+00	3.37E-09	1.72E-09	1.38E-04	7.31E-07	3.88E-02	0.00E+00	4.14E-01	-1.79E-07	4.14E-01	4.53E-01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	8.35E+00
WHDY11592200C	3.59E-02	3.42E-01	0.00E+00	2.71E-09	1.83E-09	9.47E-05	8.52E-07	3.26E-02	0.00E+00	3.42E-01	-1.75E-07	3.42E-01	3.61E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	6.37E+00
WHDY11640100C	3.79E-02	8.18E-01	0.00E+00	6.76E-09	3.76E-09	2.99E-04	9.27E-07	8.71E-02	0.00E+00	8.18E-01	-2.11E-07	8.18E-01	9.05E-01	8.71E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WHDY14580100Q	1.18E-01	4.22E-01	0.00E+00	3.50E-09	1.67E-09	1.83E-04	2.88E-06	3.09E-02	0.00E+00	4.22E-01	-9.57E-07	4.22E-01	4.52E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	8.36E+00
WHDY14585400Q	9.87E-02	3.14E+00	0.00E+00	2.50E-08	1.21E-08	7.50E-04	2.60E-06	2.04E-01	0.00E+00	3.14E+00	-6.04E-07	3.14E+00	3.27E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	4.06E+01
WHDY14592200Q	1.08E-01	3.15E+00	0.00E+00	2.50E-08	1.21E-08	7.51E-04	2.65E-06	2.05E-01	0.00E+00	3.15E+00	-6.40E-07	3.15E+00	3.27E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	4.06E+01
WHDY14595200Q	1.08E-01	3.15E+00	0.00E+00	2.50E-08	1.21E-08	7.51E-04	2.65E-06	2.05E-01	0.00E+00	3.15E+00	-6.40E-07	3.15E+00	3.27E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	4.06E+01
WHDY14640500Q	1.19E-01	8.55E-01	0.00E+00	7.11E-09	3.86E-09	3.48E-04	2.88E-06	8.40E-02	0.00E+00	8.55E-01	-9.17E-07	8.55E-01	9.39E-01	8.40E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+01
WHDY23580100Q	1.16E-01	4.21E-01	0.00E+00	3.50E-09	1.67E-09	1.82E-04	2.82E-06	3.11E-02	0.00E+00	4.21E-01	-9.37E-07	4.21E-01	4.52E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	8.36E+00
WHDY23595200Q	1.09E-01	3.14E+00	0.00E+00	2.50E-08	1.20E-08	7.50E-04	2.67E-06	2.05E-01	0.00E+00	3.14E+00	-6.06E-07	3.14E+00	3.27E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	4.07E+01
WHDY23620100Q	1.22E-01	6.48E-01	0.00E+00	5.45E-09	2.86E-09	2.83E-04	2.96E-06	5.88E-02	0.00E+00	6.48E-01	-9.73E-07	6.48E-01	7.07E-01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
WHDY23640100Q	1.22E-01	8.39E-01	0.00E+00	7.00E-09	3.76E-09	3.47E-04	2.95E-06	8.18E-02	0.00E+00	8.39E-01	-9.49E-07	8.39E-01	9.21E-01	8.18E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01
WJA100B	7.43E-06	8.29E-01	0.00E+00	6.60E-09	3.45E-09	2.00E-04	5.29E-09	6.20E-02	0.00E+00	8.29E-01	3.16E-07	8.29E-01	8.91E-01	6.20E-02	0.00E+00	0.00E+00	0.00E+00	1.27E+01
WJA102B	5.62E-03	5.16E-01	0.00E+00	3.91E-09	2.34E-09	1.40E-04	2.02E-07	4.62E-02	0.00E+00	5.16E-01	2.23E-07	5.16E-01	5.71E-01	4.62E-02	0.00E+00	0.00E+00	0.00E+00	9.09E+00
WJA122B	7.54E-03	9.38E-01	0.00E+00	7.28E-09	4.13E-09	2.27E-04	3.81E-07	9.50E-02	0.00E+00	9.38E-01	3.60E-07	9.38E-01	1.01E+00	9.50E-02	0.00E+00	0.00E+00	0.00E+00	2.03E+01
WJA160B	8.36E-03	6.61E-01	0.00E+00	5.72E-09	2.73E-09	1.75E-04	4.26E-07	4.91E-02	0.00E+00	6.61E-01	1.23E-07	6.61E-01	6.94E-01	4.91E-02	0.00E+00	0.00E+00	0.00E+00	1.05E+01
WJC100B	3.33E-02	8.32E-01	0.00E+00	6.65E-09	3.44E-09	2.16E-04	8.12E-07	5.90E-02	0.00E+00	8.32E-01	2.37E-08	8.32E-01	8.91E-01	5.90E-02	0.00E+00	0.00E+00	0.00E+00	1.27E+01
WJC102B	1.96E-02	8.44E-01	0.00E+00	6.83E-09	3.81E-09	2.47E-04	5.29E-07	5.78E-02	0.00E+00	8.44E-01	1.73E-07	8.44E-01	9.03E-01	5.78E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
WJC122B	2.08E-02	1.73E+00	0.00E+00	1.45E-08	6.98E-09	4.69E-04	5.09E-07	1.27E-01	0.00E+00	1.73E+00	4.64E-07	1.73E+00	1.91E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
WJC132B	2.08E-02	1.70E+00	0.00E+00	1.41E-08	6.76E-09	4.38E-04	5.09E-07	1.20E-01	0.00E+00	1.70E+00	4.57E-07	1.70E+00	1.86E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
WJC142B	2.10E-02	1.57E+00	0.00E+00	1.32E-08	6.34E-09	4.25E-04	5.09E-07	1.12E-01	0.00E+00	1.57E+00	3.77E-07	1.57E+00	1.72E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.12E+01
WJC157B	5.31E-04	8.31E-01	0.00E+00	6.83E-09	3.61E-09	2.63E-04	1.56E-08	5.34E-02	0.00E+00	8.31E-01	2.39E-07	8.31E-01	9.01E-01	5.34E-02	0.00E+00	0.00E+00	0.00E+00	1.02E+01
WJC160B	2.05E-02	8.77E-01	0.00E+00	7.07E-09	3.99E-09	2.48E-04	5.53E-07	6.36E-02	0.00E+00	8.77E-01	1.72E-07	8.77E-01	9.34E-01	6.36E-02	0.00E+00	0.00E+00	0.00E+00	1.29E+01
WJC162B	2.08E-02	1.73E+00	0.00E+00	1.41E-08	6.92E-09	4.64E-04	4.88E-07	1.16E-01	0.00E+00	1.73E+00	4.58E-07	1.73E+00	1.88E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+01
WMS51	4.01E-02	5.04E-01	0.00E+00	4.21E-09	2.02E-09	1.74E-04	9.76E-07	4.62E-02	0.00E+00	5.04E-01	-2.64E-07	5.04E-01	5.50E-01	4.62E-02	0.00E+00	0.00E+00	0.00E+00	9.75E+00
WMS81	3.90E-02	5.14E-01	0.00E+00	4.32E-09	2.07E-09	1.78E-04	9.50E-07	4.69E-02	0.00E+00	5.14E-01	-2.54E-07	5.14E-01	5.61E-01	4.69E-02	0.00E+00	0.00E+00	0.00E+00	9.86E+00
WMS812LN	7.48E-02	1.24E+00	0.00E+00	9.98E-09	4.56E-09	3.34E-04	1.90E-06	8.87E-02	0.00E+00	1.24E+00	8.09E-07	1.24E+00	1.34E+00	8.87E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WMS82	7.22E-02	9.90E-01	0.00E+00	7.74E-09	4.43E-09	3.57E-04	1.74E-06	9.34E-02	0.00E+00	9.90E-01	-4.49E-07	9.90E-01	1.10E+00	9.34E-02	0.00E+00	0.00E+00	0.00E+00	2.13E+01
WMSO100	6.86E-01	1.57E-01	0.00E+00	1.79E-09	-6.53E-11	3.64E-04	1.66E-05	-5.13E-02	0.00E+00	1.57E-01	-6.01E-06	1.57E-01	1.06E-01	-5.13E-02	0.00E+00	0.00E+00	0.00E+00	2.22E+00
WMSS115	4.09E-02	9.16E-01	0.00E+00	7.72E-09	3.35E-09	2.89E-04	1.17E-06	6.78E-02	0.00E+00	9.16E-01	7.60E-07	9.16E-01	1.04E+00	6.78E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
WMSS81	4.42E-02	6.11E-01	0.00E+00	5.22E-09	2.55E-09	2.17E-04	1.08E-06	5.68E-02	0.00E+00	6.11E-01	-2.92E-07	6.11E-01	6.68E-01	5.68E-02	0.00E+00	0.00E+00	0.00E+00	1.19E+01
WMSS81G	3.96E-02	6.19E-01	0.00E+00	5.02E-09	2.70E-09	1.85E-04	1.23E-06	6.93E-02	0.00E+00	6.19E-01	-2.27E-07	6.19E-01	6.35E-01	6.93E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
WMSS81N	3.90E-02	6.17E-01	0.00E+00	5.17E-09	2.68E-09	1.81E-04	1.20E-06	7.08E-02	0.00E+00	6.17E-01	-2.25E-07	6.17E-01	6.47E-01	7.08E-02	0.00E+00	0.00E+00	0.00E+00	1.51E+01
WMSS81R	3.96E-02	6.26E-01	0.00E+00	5.24E-09	2.70E-09	1.84E-04	1.23E-06	7.09E-02	0.00E+00	6.26E-01	-2.25E-07	6.26E-01	6.49E-01	7.09E-02	0.00E+00	0.00E+00	0.00E+00	1.52E+01
WMSS81RR	3.96E-02	6.28E-01	0.00E+00	5.29E-09	2.72E-09	1.85E-04	1.22E-06	7.13E-02	0.00E+00	6.28E-01	-2.24E-07	6.28E-01	6.59E-01	7.13E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
WMSS82	7.62E-02	1.07E+00	0.00E+00	9.26E-09	4.62E-09	3.95E-04	1.86E-06	1.00E-01	0.00E+00	1.07E+00	-5.17E-07	1.07E+00	1.17E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	2.09E+01
WMSS82N	7.50E-02	9.44E-01	0.00E+00	7.77E-09	4.31E-09	3.51E-04	1.89E-06	9.42E-02	0.00E+00	9.44E-01	-4.42E-07	9.44E-01	1.07E+00	9.42E-02	0.00E+00	0.00E+00	0.00E+00	1.98E+01
WMSS82O	7.75E-02	1.22E+00	0.00E+00	1.04E-08	5.47E-09	4.54E-04	1.89E-06	1.26E-01	0.00E+00	1.22E+00	-5.26E-07	1.22E+00	1.34E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.65E+01
WMSS82OG	7.75E-02	1.22E+00	0.00E+00	1.04E-08	5.47E-09	4.54E-04	1.89E-06	1.26E-01	0.00E+00	1.22E+00	-5.26E-07	1.22E+00	1.34E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.65E+01
WMSS82ON	7.48E-02	1.13E+00	0.00E+00	8.88E-09	4.73E-09	4.12E-04	1.87E-06	1.13E-01	0.00E+00	1.13E+00	-4.44E-07	1.13E+00	1.21E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
WMSS82OR	7.50E-02	1.13E+00	0.00E+00	8.70E-09	4.78E-09	4.13E-04	1.89E-06	1.15E-01	0.00E+00	1.13E+00	-4.54E-07	1.13E+00	1.21E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
WMSS82ORR	7.47E-02	1.13E+00	0.00E+00	8.68E-09	4.71E-09	4.14E-04	1.89E-06	1.14E-01	0.00E+00	1.13E+00	-4.51E-07	1.13E+00	1.22E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
WMSS82R	7.45E-02	9.50E-01	0.00E+00	7.39E-09	4.09E-09	3.38E-04	1.90E-06	9.71E-02	0.00E+00	9.50E-01	-4.62E-07	9.50E-01	1.07E+00	9.71E-02	0.00E+00	0.00E+00	0.00E+00	1.97E+01
WMSS82R/CS	7.52E-02	9.46E-01	0.00E+00	7.63E-09	4.33E-09	3.50E-04	1.90E-06	9.48E-02	0.00E+00	9.46E-01	-4.55E-07	9.46E-01	1.08E+00	9.48E-02	0.00E+00	0.00E+00	0.00E+00	2.00E+01
WMSS82R/UPS	7.52E-02	9.51E-01	0.00E+00	7.62E-09	4.34E-09	3.50E-04	1.90E-06	9.48E-02	0.00E+00	9.51E-01	-4.55E-07	9.51E-01	1.08E+00	9.48E-02	0.00E+00	0.00E+00	0.00E+00	2.00E+01
WMSS82RR	7.50E-02	9.75E-01	0.00E+00	7.63E-09	4.25E-09	3.53E-04	1.91E-06	9.44E-02	0.00E+00	9.75E-01	-4.59E-07	9.75E-01	1.10E+00	9.44E-02	0.00E+00	0.00E+00	0.00E+00	1.98E+01
WMV100B	2.84E-02	5.61E-01	0.00E+00	4.48E-09	2.28E-09	1.51E-04	6.93E-07	6.06E-02	0.00E+00	5.61E-01	-1.60E-07	5.61E-01	6.21E-01	6.06E-02	0.00E+00	0.00E+00	0.00E+00	1.29E+01
WMV100N	2.84E-02	5.38E-01	0.00E+00	4.34E-09	2.26E-09	1.64E-04	6.93E-07	5.94E-02	0.00E+00	5.38E-01	-1.75E-07	5.38E-01	5.97E-01	5.94E-02	0.00E+00	0.00E+00	0.00E+00	1.27E+01
WNA100	4.35E-05	8.21E-01	0.00E+00	6.89E-09	3.25E-09	2.16E-04	2.79E-08	7.30E-02	0.00E+00	8.21E-01	2.03E-07	8.21E-01	8.94E-01	7.30E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
WNA100B	4.37E-05	8.25E-01	0.00E+00	6.92E-09	3.27E-09	2.17E-04	2.80E-08	7.32E-02	0.00E+00	8.25E-01	2.04E-07	8.25E-01	8.98E-01	7.32E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
WNA105	7.55E-04	1.21E+00	0.00E+00	8.83E-09	4.82E-09	2.79E-04	3.21E-07	9.43E-02	0.00E+00	1.21E+00	4.76E-07	1.21E+00	1.30E+00	9.43E-02	0.00E+00	0.00E+00	0.00E+00	1.95E+01
WNA160	3.20E-04	7.74E-01	0.00E+00	6.49E-09	3.04E-09	2.06E-04	1.47E-08	6.70E-02	0.00E+00	7.74E-01	1.97E-07	7.74E-01	8.41E-01	6.70E-02	0.00E+00	0.00E+00	0.00E+00	1.33E+01
WNA160B	3.20E-04	7.80E-01	0.00E+00	6.54E-09	3.06E-09	2.07E-04	1.48E-08	6.73E-02	0.00E+00	7.80E-01	1.98E-07	7.80E-01	8.47E-01	6.73E-02	0.00E+00	0.00E+00	0.00E+00	1.33E+01
WNA161	2.56E-03	7.59E-01	0.00E+00	6.49E-09	2.87E-09	2.02E-04	6.91E-08	5.98E-02	0.00E+00	7.59E-01	1.45E-07	7.59E-01	8.19E-01	5.98E-02	0.00E+00	0.00E+00	0.00E+00	9.96E+00
WNA161B	2.56E-03	7.65E-01	0.00E+00	6.54E-09	2.88E-09	2.03E-04	6.92E-08	6.01E-02	0.00E+00	7.65E-01	1.47E-07	7.65E-01	8.25E-01	6.01E-02	0.00E+00	0.00E+00	0.00E+00	9.99E+00
WNC100	4.50E-04	1.54E+00	0.00E+00	1.30E-08	5.33E-09	3.60E-04	2.05E-07	1.12E-01	0.00E+00	1.54E+00	3.63E-07	1.54E+00	1.65E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	1.76E+01
WNC100EC	4.51E-04	1.57E+00	0.00E+00	1.32E-08	5.41E-09	3.66E-04	2.06E-07	1.14E-01	0.00E+00	1.57E+00	3.70E-07	1.57E+00	1.68E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	1.78E+01
WNC122	1.17E-03	3.04E+00	0.00E+00	2.54E-08	1.05E-08	7.15E-04	5.22E-07	2.24E-01	0.00E+00	3.04E+00	7.10E-07	3.04E+00	3.27E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	3.49E+01
WNC122B	1.17E-03	3.05E+00	0.00E+00	2.54E-08	1.06E-08	7.16E-04	5.22E-07	2.24E-01	0.00E+00	3.05E+00	7.12E-07	3.05E+00	3.27E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	3.50E+01
WNC123	1.85E-03	4.48E+00	0.00E+00	3.72E-08	1.56E-08	1.06E-03	8.18E-07	3.32E-01	0.00E+00	4.48E+00	1.04E-06	4.48E+00	4.81E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	5.20E+01
WNC123B	1.85E-03	4.53E+00	0.00E+00	3.77E-08	1.57E-08	1.07E-03	8.20E-07	3.35E-01	0.00E+00	4.53E+00	1.06E-06	4.53E+00	4.87E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	5.22E+01
WNC160	4.51E-04	1.54E+00	0.00E+00	1.29E-08	5.25E-09	3.57E-04	2.06E-07	1.10E-01	0.00E+00	1.54E+00	3.71E-07	1.54E+00	1.64E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	1.69E+01
WNC160B	4.25E-04	1.54E+00	0.00E+00	1.30E-08	5.26E-09	3.58E-04	1.95E-07	1.10E-01	0.00E+00	1.54E+00	3.72E-07	1.54E+00	1.65E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	1.69E+01
WNC161	4.52E-04	1.58E+00	0.00E+00	1.32E-08	5.38E-09	3.63E-04	2.06E-07	1.16E-01	0.00E+00	1.58E+00	3.80E-07	1.58E+00	1.69E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	1.83E+01
WNC161B	4.27E-04	1.61E+00	0.00E+00	1.35E-08	5.48E-09	3.69E-04	1.97E-07	1.17E-01	0.00E+00	1.61E+00	3.89E-07	1.61E+00	1.73E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	1.84E+01
WNC162	1.17E-03	2.97E+00	0.00E+00	2.47E-08	1.02E-08	6.95E-04	5.21E-07	2.15E-01	0.00E+00	2.97E+00	7.09E-07	2.97E+00	3.18E+00	2.15E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
WNC162B	1.17E-03	2.99E+00	0.00E+00	2.49E-08	1.02E-08	6.99E-04	5.21E-07	2.16E-01	0.00E+00	2.99E+00	7.14E-07	2.99E+00	3.20E+00	2.16E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
WNC164	1.18E-03	3.11E+00	0.00E+00	2.57E-08	1.06E-08	7.17E-04	5.24E-07	2.30E-01	0.00E+00	3.11E+00	7.41E-07	3.11E+00	3.34E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	3.62E+01
WNC165	1.85E-03	4.60E+00	0.00E+00	3.79E-08	1.57E-08	1.06E-03	8.22E-07	3.42E-01	0.00E+00	4.60E+00	1.09E-06	4.60E+00	4.94E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	5.39E+01
WNC166	5.03E-04	1.93E+00	0.00E+00	1.63E-08	7.23E-09	4.70E-04	2.31E-07	1.58E-01	0.00E+00	1.93E+00	4.06E-07	1.93E+00	2.09E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
WNC166B	4.79E-04	1.97E+00	0.00E+00	1.67E-08	7.34E-09	4.77E-04	2.22E-07	1.60E-01	0.00E+00	1.97E+00	4.16E-07	1.97E+00	2.13E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
WNC172	1.16E-03	2.93E+00	0.00E+00	2.44E-08	9.98E-09	6.82E-04	5.18E-07	2.12E-01	0.00E+00	2.93E+00	6.86E-07	2.93E+00	3.14E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00	3.20E+01
WNC172B	1.16E-03	2.95E+00	0.00E+00	2.45E-08	1.01E-08	6.91E-04	5.18E-07	2.14E-01	0.00E+00	2.95E+00	7.04E-07	2.95E+00	3.16E+00	2.14E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
WNC174	1.17E-03	3.08E+00	0.00E+00	2.54E-08	1.05E-08	7.10E-04	5.21E-07	2.28E-01	0.00E+00	3.08E+00	7.33E-07	3.08E+00	3.30E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	3.60E+01
WNE160B	2.78E-04	1.37E+00	0.00E+00	1.12E-08	5.21E-09	3.45E-04	1.31E-07	1.00E-01	0.00E+00	1.37E+00	4.29E-07	1.37E+00	1.47E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	1.84E+01
WNE161B	2.81E-04	1.44E+00	0.00E+00	1.18E-08	5.43E-09	3.57E-04	1.33E-07	1.08E-01	0.00E+00	1.44E+00	4.45E-07	1.44E+00	1.55E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	1.99E+01

	WPS51BKO	2.55E-03	4.53E-01	1.79E-02	3.53E-01	0.00E+00	0.00E+00	1.79E+00	3.75E-06	8.68E-04	3.26E-03	0.00E+00	-9.89E-04	2.78E-10	1.08E-08	1.36E-02	5.71E-01	5.36E-07	0.00E+00	1.54E+00	7.77E-03	3.29E+00	0.00E+00	2.58E-08	1.25E-08	9.27E-04	2.47E-07	2.92E-01	0.00E+00	3.29E+00	8.57E-07	3.29E+00	3.56E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	5.42E+01
	WPSS81	1.38E-03	1.61E-01	1.42E-02	1.39E-01	0.00E+00	0.00E+00	7.07E-01	1.79E-06	4.96E-04	1.36E-03	0.00E+00	5.88E-03	1.32E-10	5.82E-09	5.97E-03	2.26E-01	1.84E-05	0.00E+00	6.42E-01	1.48E-02	1.01E+00	0.00E+00	7.40E-09	5.03E-09	3.24E-04	3.73E-07	1.12E-01	0.00E+00	1.01E+00	1.32E-06	1.01E+00	1.16E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
	WPSS81BKO	2.69E-03	4.72E-01	2.24E-02	3.96E-01	0.00E+00	0.00E+00	1.75E+00	3.84E-06	9.10E-04	3.57E-03	0.00E+00	5.36E-03	2.85E-10	1.19E-08	1.48E-02	5.96E-01	0.00E+00	0.00E+00	1.54E+00	1.58E-02	3.45E+00	0.00E+00	2.78E-08	1.35E-08	1.01E-03	5.14E-07	2.88E-01	0.00E+00	3.45E+00	9.11E-07	3.45E+00	3.69E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	5.49E+01
	WPSS81W	1.37E-03	1.61E-01	1.38E-02	1.39E-01	0.00E+00	0.00E+00	7.08E-01	1.55E-06	4.39E-04	1.35E-03	0.00E+00	-5.62E-04	1.32E-10	5.48E-09	6.02E-03	2.24E-01	1.84E-05	0.00E+00	6.39E-01	8.60E-03	9.84E-01	0.00E+00	7.09E-09	4.93E-09	3.18E-04	2.40E-07	1.14E-01	0.00E+00	9.84E-01	1.32E-06	9.84E-01	1.13E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+01
	WPSS82BKO	2.75E-03	5.01E-01	2.53E-02	4.76E-01	0.00E+00	0.00E+00	5.54E+00	1.12E-05	9.23E-04	4.77E-03	0.00E+00	-6.46E-04	9.31E-10	1.74E-08	3.15E-02	1.14E+00	0.00E+00	0.00E+00	3.89E+00	8.60E-03	6.79E+00	0.00E+00	5.17E-08	2.36E-08	1.35E-03	2.66E-07	6.71E-01	0.00E+00	6.79E+00	1.57E-06	6.79E+00	7.46E+00	6.71E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
	WPSS82NW	2.58E-03	3.35E-01	1.72E-02	3.58E-01	0.00E+00	0.00E+00	2.19E+00	4.26E-06	7.40E-04	3.58E-03	0.00E+00	-6.74E-04	3.19E-10	1.06E-08	1.25E-02	6.88E-01	1.98E-05	0.00E+00	1.35E+00	7.32E-03	3.59E+00	0.00E+00	2.68E-08	1.51E-08	1.10E-03	2.80E-07	2.67E-01	0.00E+00	3.59E+00	1.24E-06	3.59E+00	4.06E+00	2.67E-01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
	WPSS82O	2.56E-03	3.20E-01	1.37E-02	3.51E-01	0.00E+00	0.00E+00	2.03E+00	4.23E-06	7.79E-04	3.57E-03	0.00E+00	-5.24E-04	3.06E-10	1.10E-08	1.92E-02	7.08E-01	1.84E-05	0.00E+00	1.59E+00	4.94E-03	4.35E+00	0.00E+00	3.36E-08	1.58E-08	1.04E-03	1.97E-07	2.87E-01	0.00E+00	4.35E+00	1.20E-06	4.35E+00	4.74E+00	2.87E-01	0.00E+00	0.00E+00	0.00E+00	5.80E+01
	WPSS82OW	2.51E-03	3.37E-01	6.44E-02	3.51E-01	0.00E+00	0.00E+00	2.03E+00	4.02E-06	7.71E-04	3.64E-03	0.00E+00	-8.01E-03	2.67E-10	1.08E-08	1.43E-02	7.04E-01	1.84E-05	0.00E+00	1.54E+00	9.17E-02	3.87E+00	0.00E+00	2.94E-08	1.65E-08	1.12E-03	2.54E-06	2.79E-01	0.00E+00	3.87E+00	1.21E-06	3.87E+00	4.19E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	5.64E+01
	WPSS82W	2.56E-03	3.22E-01	1.58E-02	3.53E-01	0.00E+00	0.00E+00	2.08E+00	4.26E-06	7.78E-04	3.76E-03	0.00E+00	-6.92E-04	3.18E-10	1.08E-08	1.88E-02	7.34E-01	1.98E-05	0.00E+00	1.58E+00	6.76E-03	4.80E+00	0.00E+00	3.62E-08	1.60E-08	1.12E-03	2.63E-07	2.88E-01	0.00E+00	4.80E+00	1.41E-06	4.80E+00	5.07E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	5.73E+01
	WRCC50NBSB	2.78E-03	4.18E-01	1.67E-02	3.46E-01	0.00E+00	0.00E+00	1.83E+00	3.98E-06	8.22E-04	3.22E-03	0.00E+00	-1.26E-03	2.96E-10	1.10E-08	1.44E-02	6.45E-01	7.13E-06	0.00E+00	1.54E+00	1.17E-02	3.21E+00	0.00E+00	2.66E-08	1.39E-08	8.95E-04	2.76E-07	2.83E-01	0.00E+00	3.21E+00	1.00E-06	3.21E+00	3.54E+00	2.83E-01	0.00E+00	0.00E+00	0.00E+00	5.89E+01
	WRCC50NBSW	2.86E-03	4.57E-01	1.69E-02	3.69E-01	0.00E+00	0.00E+00	1.84E+00	3.90E-06	8.30E-04	3.47E-03	0.00E+00	-1.26E-03	2.99E-10	1.14E-08	1.45E-02	6.56E-01	7.13E-06	0.00E+00	1.60E+00	1.17E-02	3.33E+00	0.00E+00	2.80E-08	1.43E-08	9.31E-04	2.75E-07	3.03E-01	0.00E+00	3.33E+00	1.00E-06	3.33E+00	3.79E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	6.02E+01
	WRCC50NPSB	2.59E-03	3.21E-01	1.62E-02	3.16E-01	0.00E+00	0.00E+00	2.10E+00	3.87E-06	7.63E-04	3.04E-03	0.00E+00	-1.28E-03	2.96E-10	1.08E-08	1.45E-02	6.09E-01	7.13E-06	0.00E+00	1.53E+00	1.13E-02	3.17E+00	0.00E+00	2.63E-08	1.28E-08	8.39E-04	2.77E-07	2.68E-01	0.00E+00	3.17E+00	9.97E-07	3.17E+00	3.39E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
	WRCC50NPSW	2.82E-03	4.52E-01	1.69E-02	3.55E-01	0.00E+00	0.00E+00	1.85E+00	3.91E-06	8.30E-04	3.47E-03	0.00E+00	-1.26E-03	3.00E-10	1.14E-08	1.45E-02	6.56E-01	7.13E-06	0.00E+00	1.60E+00	1.18E-02	3.33E+00	0.00E+00	2.80E-08	1.43E-08	9.29E-04	2.77E-07	3.03E-01	0.00E+00	3.33E+00	1.01E-06	3.33E+00	3.79E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	6.02E+01
	WRS51BSB	5.05E-04	1.45E-01	9.60E-03	9.35E-02	0.00E+00	0.00E+00	6.56E-01	5.41E-07	2.63E-04	9.58E-04	0.00E+00	-2.54E-04	1.24E-10	2.26E-09	4.25E-03	6.43E-02	5.36E-07	0.00E+00	1.24E-01	4.05E-03	6.48E-01	0.00E+00	5.50E-09	1.85E-09	2.28E-04	1.32E-07	4.49E-02	0.00E+00	6.48E-01	-1.57E-08	6.48E-01	6.92E-01	4.49E-02	0.00E+00	0.00E+00	0.00E+00	7.77E+00
	WRS51BSW	4.74E-04	1.48E-01	9.84E-03	9.53E-02	0.00E+00	0.00E+00	6.84E-01	5.69E-07	2.74E-04	9.35E-04	0.00E+00	-2.57E-04	1.24E-10	2.33E-09	4.00E-03	6.83E-02	5.36E-07	0.00E+00	1.26E-01	4.02E-03	6.51E-01	0.00E+00	5.22E-09	1.75E-09	2.27E-04	1.43E-07	4.49E-02	0.00E+00	6.51E-01	-1.13E-08	6.51E-01	6.83E-01	4.49E-02	0.00E+00	0.00E+00	0.00E+00	8.19E+00
	WRS51PSB	5.67E-04	1.42E-01	8.05E-03	9.50E-02	0.00E+00	0.00E+00	6.44E-01	5.57E-07	2.65E-04	9.60E-04	0.00E+00	-2.46E-04	1.21E-10	2.25E-09	4.63E-03	7.71E-02	5.36E-07	0.00E+00	1.37E-01	1.61E-03	6.73E-01	0.00E+00	5.65E-09	1.94E-09	2.42E-04	9.60E-08	4.89E-02	0.00E+00	6.73E-01	2.14E-08	6.73E-01	7.19E-01	4.89E-02	0.00E+00	0.00E+00	0.00E+00	8.88E+00
	WRS51PSW	4.83E-04	1.45E-01	9.59E-03	9.56E-02	0.00E+00	0.00E+00	6.45E-01	5.36E-07	2.64E-04	9.48E-04	0.00E+00	-2.56E-04	1.24E-10	2.28E-09	4.13E-03	6.39E-02	5.36E-07	0.00E+00	1.23E-01	3.99E-03	6.43E-01	0.00E+00	5.30E-09	1.78E-09	2.25E-04	1.32E-07	4.34E-02	0.00E+00	6.43E-01	-2.49E-08	6.43E-01	6.75E-01	4.34E-02	0.00E+00	0.00E+00	0.00E+00	7.81E+00
	WRSO100BSB	8.68E-04	7.04E-01	3.63E-01	3.41E-01	0.00E+00	0.00E+00	1.62E+00	3.37E-06	2.57E-04	2.82E-03	0.00E+00	-4.44E-02	2.66E-10	5.26E-09	1.08E-02	3.24E-01	0.00E+00	0.00E+00	1.13E+00	5.85E-01	2.20E+00	0.00E+00	1.71E-08	7.02E-09	6.89E-04	1.42E-05	1.42E-01	0.00E+00	2.20E+00	-4.50E-06	2.20E+00	2.34E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	4.01E+01
	WRSS81BSB	6.01E-04	1.62E-01	1.38E-02	1.39E-01	0.00E+00	0.00E+00	6.89E-01	5.84E-07	2.68E-04	1.24E-03	0.00E+00	-5.60E-04	1.26E-10	2.20E-09	4.74E-03	1.21E-01	0.00E+00	0.00E+00	1.57E-01	8.05E-03	6.31E-01	0.00E+00	5.43E-09	1.86E-09	2.81E-04	2.29E-07	4.75E-02	0.00E+00	6.31E-01	-6.72E-08	6.31E-01	6.79E-01	4.75E-02	0.00E+00	0.00E+00	0.00E+00	7.85E+00
	WRSS81BSW	6.04E-04	1.62E-01	1.38E-02	1.39E-01	0.00E+00	0.00E+00	6.87E-01	5.94E-07	2.68E-04	1.24E-03	0.00E+00	-5.60E-04	1.26E-10	2.21E-09	4.73E-03	1.21E-01	0.00E+00	0.00E+00	1.57E-01	7.97E-03	6.36E-01	0.00E+00	5.44E-09	1.85E-09	2.80E-04	2.29E-07	4.75E-02	0.00E+00	6.36E-01	-6.73E-08	6.36E-01	6.84E-01	4.75E-02	0.00E+00	0.00E+00	0.00E+00	7.85E+00
	WRSS81PSB	6.02E-04	1.62E-01	1.38E-02	1.39E-01	0.00E+00	0.00E+00	6.87E-01	5.80E-07	2.68E-04	1.24E-03	0.00E+00	-5.64E-04	1.26E-10	2.21E-09	4.70E-03	1.21E-01	0.00E+00	0.00E+00	1.57E-01	8.04E-03	6.29E-01	0.00E+00	5.47E-09	1.85E-09	2.82E-04	2.30E-07	4.76E-02	0.00E+00	6.29E-01	-6.99E-08	6.29E-01	6.79E-01	4.76E-02	0.00E+00	0.00E+00	0.00E+00	7.84E+00
	WRSS81PSW	6.04E-04	1.62E-01	1.38E-02	1.39E-01	0.00E+00	0.00E+00	6.87E-01	5.78E-07	2.68E-04	1.24E-03	0.00E+00	-5.64E-04	1.26E-10	2.21E-09	4.70E-03	1.21E-01	0.00E+00	0.00E+00	1.57E-01	7.97E-03	6.35E-01	0.00E+00	5.44E-09	1.86E-09	2.81E-04	2.30E-07	4.76E-02	0.00E+00	6.35E-01	-6.93E-08	6.35E-01	6.81E-01	4.76E-02	0.00E+00	0.00E+00	0.00E+00	7.84E+00
	WRSS82BSB	2.53E-03	2.88E-01	1.01E-02	2.77E-01	0.00E+00	0.00E+00	2.30E+00	4.66E-06	7.36E-04	2.71E-03	0.00E+00	-1.05E-04	3.93E-10	1.05E-08	1.44E-02	5.67E-01	0.00E+00	0.00E+00	1.73E+00	1.43E-03	3.26E+00	0.00E+00	2.58E-08	1.22E-08	7.65E-04	6.26E-08	3.04E-01	0.00E+00	3.26E+00	8.12E-07	3.26E+00	3.57E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	6.15E+01
	WRSS82BSW	2.55E-03	2.90E-01	1.01E-02	2.80E-01	0.00E+00	0.00E+00	2.31E+00	4.69E-06	7.39E-04	2.74E-03	0.00E+00	-1.05E-04	3.94E-10	1.05E-08	1.45E-02	5.72E-01	0.00E+00	0.00E+00	1.74E+00	1.43E-03	3.30E+00	0.00E+00	2.60E-08	1.24E-08	7.73E-04	6.28E-08	3.06E-01	0.00E+00	3.30E+00	8.31E-07	3.30E+00	3.61E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	6.19E+01
	WRSS82PSB	2.56E-03	3.02E-01	1.44E-02	2.95E-01	0.00E+00	0.00E+00	2.15E+00	4.41E-06	7.93E-04	2.86E-03	0.00E+00	-6.90E-04	3.26E-10	1.10E-08	1.14E-02	5.58E-01	0.00E+00	0.00E+00	1.59E+00	5.37E-03	2.88E+00	0.00E+00	2.27E-08	1.22E-08	7.84E-04	2.39E-07	2.83E-01	0.00E+00	2.88E+00	8.29E-07	2.88E+00	3.15E+00	2.83E-01	0.00E+00	0.00E+00	0.00E+00	5.68E+01
	WRSS82PSW	2.59E-03	3.01E-01	1.48E-02	2.85E-01	0.00E+00	0.00E+00	1.98E+00	4.35E-06	7.95E-04	2.87E-03	0.00E+00	-6.90E-04	3.24E-10	1.10E-08	1.14E-02	5.59E-01	0.00E+00	0.00E+00	1.59E+00	5.39E-03	2.88E+00	0.00E+00	2.27E-08	1.22E-08	7.88E-04	2.45E-07	2.81E-01	0.00E+00	2.88E+00	8.27E-07	2.88E+00	3.15E+00	2.81E-01	0.00E+00	0.00E+00	0.00E+00	5.63E+01
	WXF105	1.09E-03	3.79E-02	1.75E-03	3.62E-02	0.00E+00	0.00E+00	2.95E-01	6.48E-07	4.41E-04	4.12E-04	0.00E+00	0.00E+00	5.29E-11	4.75E-09	2.05E-03	1.33E-01	0.00E+00	0.00E+00	3.03E-01	5.12E-06	5.60E-01	0.00E+00	4.47E-09	2.51E-09	1.47E-04	3.65E-09	5.40E-02	0.00E+00	5.60E-01	1.55E-07	5.60E-01	6.14E-01	5.40E-02	0.00E+00	0.00E+00	0.00E+00	1.13E+01
	WXF106	5.53E-04	3.39E-02	1.41E-03	3.25E-02	0.00E+00	0.00E+00	2.38E-01	5.67E-07	3.32E-04	3.69E-04	0.00E+00	0.00E+00	4.47E-11	3.55E-09	1.81E-03	1.09E-01	0.00E+00	0.00E+00	2.57E-01	4.50E-06	5.09E-01	0.00E+00	4.02E-09	2.22E-09	1.29E-04	3.20E-09	4.54E-02	0.00E+00	5.09E-01	1.65E-07	5.09E-01	5.54E-01	4.54E-02	0.00E+00	0.00E+00	0.00E+00	9.60E+00
	WXF122	1.95E-03	1.15E-01	1.25E-02	1.03E-01	0.00E+00	0.00E+00	1.23E+00	2.45E-06	7.13E-04	1.10E-03	0.00E+00	-9.01E-04	2.14E-10	9.27E-09	7.08E-03	3.30E-01	0.00E+00	0.00E+00	9.56E-01	1.19E-02	1.59E+00	0.00E+00	1.24E-08	6.17E-09	3.49E-04	3.01E-07	1.65E-01	0.00E+00	1.59E+00	2.37E-07	1.59E+00	1.76E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
	WXF123	2.96E-03	2.92E-01	1.91E-02	2.73E-01	0.00E+00	0.00E+00	1.11E+00	1.99E-06	1.14E-03	2.49E-03	0.00E+00	-1.61E-03	2.07E-10	1.24E-08	8.06E-03	4.23E-01	0.00E+00	0.00E+00	9.69E-01	2.13E-02	1.94E+00	0.00E+00	1.68E-08	8.75E-09	6.87E-04	5.34E-07	1.79E-01	0.00E+00	1.94E+00	1.89E-07	1.94E+00	2.12E+00	1.79E-01	0.00E+00	0.00E+00	0.00E+00	3.50E+01
	WXF160B	9.90E-04	4.60E-02	1.68E-03	4.43E-02	0.00E+00	0.00E+00	2.83E-01	7.13E-07	3.67E-04	5.01E-04	0.00E+00	0.00E+00	4.87E-11	3.92E-09	2.41E-03	1.34E-01	0.00E+00	0.00E+00	3.09E-01	6.14E-06	6.88E-01	0.00E+00	5.48E-09	2.93E-09	1.70E-04	4.37E-09	5.55E-02	0.00E+00	6.88E-01	2.43E-07	6.88E-01	7.44E-01	5.55E-02	0.00E+00	0.00E+00	0.00E+00	1.14E+01
	WXF160D	7.95E-04	4.78E-02	2.24E-03	4.60E-02	0.00E+00	0.00E+00	2.45E-01	5.35E-07	2.33E-04	4.73E-04	0.00E+00	-1.83E-04	3.86E-11	2.73E-09	1.66E-03	1.09E-01	8.67E-10	0.00E+00	2.47E-01	4.79E-04	4.50E-01	0.00E+00	3.59E-09	2.24E-09	1.45E-04	2.02E-08	4.76E-02	0.00E+00	4.50E-01	1.89E-07	4.50E-01	4.94E-01	4.76E-02	0.00E+00	0.00E+00	0.00E+00	9.32E+00
	WXF160E	9.67E-04	4.50E-02	2.50E-03	4.20E-02	0.00E+00	0.00E+00	2.52E-01	6.19E-07	3.84E-04	4.53E-04	0.00E+00	-1.83E-04	4.14E-11	4.12E-09	1.64E-03	1.21E-01	8.67E-10	0.00E+00	2.77E-01	5.25E-04	4.60E-01	0.00E+00	3.69E-09	2.60E-09	1.40E-04	2.11E-08	5.17E-02	0.00E+00	4.60E-01	1.78E-07	4.60E-01	5.11E-01	5.17E-02	0.00E+00	0.00E+00	0.00E+00	1.02E+01
	WXF160N	7.72E-04	4.76E-02	2.22E-03	4.43E-02	0.00E+00	0.00E+00	2.57E-01	5.40E-07	2.55E-04	4.16E-04	0.00E+00	-1.83E-04	3.88E-11	2.72E-09	1.63E-03	1.08E-01	8.67E-10	0.00E+00	2.54E-01	4.79E-04	4.53E-01	0.00E+00	3.58E-09	2.21E-09	1.33E-04	1.27E-08	4.82E-02	0.00E+00	4.53E-01	1.92E-07	4.53E-01	5.02E-01	4.82E-02	0.00E+00	0.00E+00	0.00E+00	9.52E+00
	WXF160R	7.96E-04	4.79E-02	2.24E-03	4.54E-02	0.00E+00	0.00E+00	2.45E-01	5.35E-07	2.36E-04	4.63E-04	0.00E+00	-1.83E-04	3.87E-11	2.72E-09	1.64E-03	1.09E-01	8.67E-10	0.00E+00	2.47E-01	4.79E-04	4.48E-01	0.00E+00	3.59E-09	2.24E-09	1.39E-04	2.02E-08	4.77E-02	0.00E+00	4.48E-01	1.89E-07	4.48E-01	4.94E-01	4.77E-02	0.00E+00	0.00E+00	0.00E+00	9.32E+00
	WXF160T	7.72E-04	4.76E-02	2.22E-03	4.43E-02	0.00E+00	0.00E+00	2.57E-01	5.40E-07	2.55E-04	4.16E-04	0.00E+00	-1.83E-04	3.88E-11	2.72E-09	1.63E-03	1.08E-01	8.67E-10	0.00E+00	2.54E-01	4.79E-04	4.53E-01	0.00E+00	3.58E-09	2.21E-09	1.33E-04	1.27E-08	4.82E-02	0.00E+00	4.53E-01	1.92E-07	4.53E-01	5.02E-01	4.82E-02	0.00E+00	0.00E+00	0.00E+00	9.52E+00
	WXF160V	7.96E-04	4.79E-02	2.22E-03	4.54E-02	0.00E+00	0.00E+00	2.45E-01	5.37E-07	2.36E-04	4.63E-04	0.00E+00	-1.83E-04	3.87E-11	2.72E-09	1.64E-03	1.09E-01	8.67E-10	0.00E+00	2.48E-01	4.79E-04	4.50E-01	0.00E+00	3.58E-09	2.25E-09	1.39E-04	2.02E-08	4.79E-02	0.00E+00	4.50E-01	1.90E-07	4.50E-01	4.97E-01	4.79E-02	0.00E+00	0.00E+00	0.00E+00	9.32E+00
	WXF165B	7.98E-04	4.84E-02	2.36E-03	4.73E-02	0.00E+00	0.00E+00	2.75E-01	5.61E-07	2.72E-04	4.89E-04	0.00E+00	-2.06E-04	4.17E-11	2.70E-09	1.84E-03	1.11E-01	8.67E-10	0.00E+00	2.52E-01	6.68E-04	4.73E-01	0.00E+00	3.84E-09	2.30E-09	1.41E-04	6.40E-08	4.80E-02	0.00E+00	4.73E-01	1.94E-07	4.73E-01	5.28E-01	4.80E-02	0.00E+00	0.00E+00	0.00E+00	9.48E+00
	WXF165N	7.73E-04	4.72E-02	2.35E-03	4.43E-02	0.00E+00	0.00E+00	2.80E-01	5.58E-07	2.69E-04	4.25E-04	0.00E+00	-2.06E-04	4.18E-11	2.68E-09	2.08E-03	1.07E-01	8.67E-10	0.00E+00	2.51E-01	8.29E-04	4.75E-01	0.00E+00	3.77E-09	2.21E-09	1.34E-04	6.42E-08	4.78E-02	0.00E+00	4.75E-01	1.96E-07	4.75E-01	5.37E-01	4.78E-02	0.00E+00	0.00E+00	0.00E+00	9.34E+00
	WXF165T	9.26E-04	4.38E-02	2.62E-03	4.00E-02	0.00E+00	0.00E+00	2.82E-01	6.41E-07	3.78E-04	4.13E-04	0.00E+00	-2.06E-04	4.44E-11	4.01E-09	2.09E-03	1.20E-01	8.67E-10	0.00E+00	2.84E-01	9.15E-04	4.87E-01	0.00E+00	3.87E-09	2.58E-09	1.34E-04	6.11E-08	5.18E-02	0.00E+00	4.87E-01	1.83E-07	4.87E-01	5.51E-01	5.18E-02	0.00E+00	0.00E+00	0.00E+00	1.02E+01
	WXF191N	7.47E-04	9.98E-02	5.99E-03	8.64E-02	0.00E+00	0.00E+00	4.51E-01	8.72E-07	4.65E-04	9.89E-04	0.00E+00	-1.97E-04	8.66E-11	4.63E-09	3.66E-03	1.74E-01	0.00E+00	0.00E+00	4.02E-01	2.55E-03	8.66E-01	0.00E+00	7.16E-09	3.66E-09	2.74E-04	6.85E-08	7.22E-02	0.00E+00	8.66E-01	2.51E-07	8.66E-01	9.54E-01	7.22E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
	WXF421B	8.95E-03	2.88E-01	2.06E-02	2.67E-01	1.55E-09	0.00E+00	3.45E+00	6.38E-06	6.25E-03	3.14E-03	0.00E+00	4.28E-06	6.45E-10	6.67E-08	1.71E-02	1.49E+00	0.00E+00	0.00E+00	3.33E+00	9.51E-05	4.33E+00	0.00E+00	3.37E-08	2.17E-08	1.29E-03	7.53E-08	5.85E-01	0.00E+00	4.33E+00	4.88E-07	4.33E+00	4.91E+00	5.85E-01	0.00E+00	0.00E+00	0.00E+00	1.26E+02
	WXF421E	7.13E-04	9.07E-02	4.47E-03	7.38E-02	0.00E+00	0.00E+00	3.28E-01	7.85E-07	2.97E-04	7.74E-04	0.00E+00	-5.45E-04	6.09E-11	2.92E-09	3.05E-03	1.69E-01	1.62E-07	0.00E+00	3.21E-01	1.13E-03	8.39E-01	0.00E+00	6.86E-09	3.71E-09	2.36E-04	6.00E-08	6.26E-02	0.00E+00	8.39E-01	2.90E-07	8.39E-01	9.15E-01	6.26E-02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
	WXF421N	6.85E-04	8.70E-02	4.47E-03	6.74E-02	0.00E+00	0.00E+00	3.28E-01	7.97E-07	2.73E-04	7.83E-04	0.00E+00	-5.45E-04	6.09E-11	2.90E-09	3.00E-03	1.60E-01	1.62E-07	0.00E+00	3.17E-01	1.39E-03	8.36E-01	0.00E+00	6.62E-09	3.62E-09	2.11E-04	7.40E-08	6.24E-02	0.00E+00	8.36E-01	2.88E-07	8.36E-01	8.89E-01	6.24E-02	0.00E+00	0.00E+00	0.00E+00	1.27E+01
	WXF421R	7.11E-04	9.07E-02	4.48E-03	7.38E-02	0.00E+00	0.00E+00	3.29E-01	7.85E-07	2.97E-04	7.73E-04	0.00E+00	-5.45E-04	6.09E-11	2.94E-09	3.04E-03	1.69E-01	1.62E-07	0.00E+00	3.21E-01	1.13E-03	8.26E-01	0.00E+00	6.83E-09	3.71E-09	2.32E-04	6.00E-08	6.25E-02	0.00E+00	8.26E-01	2.91E-07	8.26E-01	9.02E-01	6.25E-02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
	WXF421T	6.85E-04	8.70E-02	4.47E-03	6.74E-02	0.00E+00	0.00E+00	3.28E-01	7.97E-07	2.73E-04	7.83E-04	0.00E+00	-5.45E-04	6.09E-11	2.90E-09	3.00E-03	1.60E-01	1.62E-07	0.00E+00	3.17E-01	1.39E-03	8.36E-01	0.00E+00	6.62E-09	3.62E-09	2.11E-04	7.40E-08	6.24E-02	0.00E+00	8.36E-01	2.88E-07	8.36E-01	8.89E-01	6.24E-02	0.00E+00	0.00E+00	0.00E+00	1.27E+01
	WXF421V	7.13E-04	9.07E-02	4.47E-03	7.39E-02	0.00E+00	0.00E+00	3.25E-01	7.81E-07	2.97E-04	7.74E-04	0.00E+00	-5.45E-04	6.09E-11	2.92E-09	3.05E-03	1.68E-01	1.62E-07	0.00E+00	3.20E-01	1.11E-03	8.39E-01	0.00E+00	6.86E-09	3.71E-09	2.36E-04	5.99E-08	6.24E-02	0.00E+00	8.39E-01	2.90E-07	8.39E-01	9.16E-01	6.24E-02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
	WXF422B	1.22E-03	1.01E-01	6.08E-03	9.51E-02	0.00E+00	0.00E+00	5.45E-01	1.44E-06	6.56E-04	1.06E-03	0.00E+00	-3.54E-04	9.27E-11	7.04E-09	5.02E-03	2.62E-01	3.60E-07	0.00E+00	6.07E-01	4.68E-03	1.45E+00	0.00E+00	1.16E-08	6.07E-09	3.54E-04	1.23E-07	1.09E-01	0.00E+00	1.45E+00	5.02E-07	1.45E+00	1.56E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.25E+01
	WXF422E	1.05E-03	1.15E-01	7.70E-03	1.06E-01	0.00E+00	0.00E+00	5.08E-01	1.37E-06	6.88E-04	1.15E-03	0.00E+00	-5.60E-04	9.40E-11	7.01E-09	4.96E-03	2.52E-01	1.39E-07	0.00E+00	5.70E-01	4.50E-03	1.35E+00	0.00E+00	1.13E-08	5.55E-09	3.49E-04	1.24E-07	9.77E-02	0.00E+00	1.35E+00	4.16E-07	1.35E+00	1.50E+00	9.77E-02	0.00E+00	0.00E+00	0.00E+00	2.23E+01
	WXF422N	1.06E-03	1.06E-01	7.87E-03	9.65E-02	0.00E+00	0.00E+00	5.47E-01	1.40E-06	6.99E-04	1.06E-03	0.00E+00	-5.56E-04	9.68E-11	6.87E-09	4.99E-03	2.39E-01	1.39E-07	0.00E+00	6.02E-01	4.68E-03	1.39E+00	0.00E+00	1.13E-08	5.49E-09	3.47E-04	1.36E-07	9.95E-02	0.00E+00	1.39E+00	4.25E-07	1.39E+00	1.51E+00	9.95E-02	0.00E+00	0.00E+00	0.00E+00	2.26E+01
	WXF422R	1.07E-03	1.15E-01	7.78E-03	1.05E-01	0.00E+00	0.00E+00	5.08E-01	1.37E-06	6.91E-04	1.15E-03	0.00E+00	-5.60E-04	9.44E-11	7.01E-09	4.96E-03	2.52E-01	1.39E-07	0.00E+00	5.69E-01	4.50E-03	1.35E+00	0.00E+00	1.13E-08	5.56E-09	3.49E-04	1.25E-07	9.77E-02	0.00E+00	1.35E+00	4.16E-07	1.35E+00	1.50E+00	9.77E-02	0.00E+00	0.00E+00	0.00E+00	2.23E+01
	WXF422T	1.06E-03	1.06E-01	7.87E-03	9.65E-02	0.00E+00	0.00E+00	5.47E-01	1.40E-06	6.99E-04	1.06E-03	0.00E+00	-5.56E-04	9.68E-11	6.87E-09	4.99E-03	2.39E-01	1.39E-07	0.00E+00	5.98E-01	4.68E-03	1.38E+00	0.00E+00	1.13E-08	5.49E-09	3.46E-04	1.36E-07	9.95E-02	0.00E+00	1.38E+00	4.25E-07	1.38E+00	1.50E+00	9.95E-02	0.00E+00	0.00E+00	0.00E+00	2.26E+01
	WXF422V	1.07E-03	1.15E-01	7.70E-03	1.05E-01	0.00E+00	0.00E+00	5.08E-01	1.37E-06	6.88E-04	1.15E-03	0.00E+00	-5.60E-04	9.44E-11	7.01E-09	4.96E-03	2.52E-01	1.39E-07	0.00E+00	5.69E-01	4.50E-03	1.35E+00	0.00E+00	1.13E-08	5.56E-09	3.49E-04	1.25E-07	9.77E-02	0.00E+00	1.35E+00	4.16E-07	1.35E+00	1.50E+00	9.77E-02	0.00E+00	0.00E+00	0.00E+00	2.23E+01
	WXF423B	1.79E-03	1.45E-01	9.27E-03	1.36E-01	0.00E+00	0.00E+00	7.86E-01	2.06E-06	9.78E-04	1.52E-03	0.00E+00	-5.67E-04	1.35E-10	1.05E-08	7.16E-03	3.80E-01	7.20E-07	0.00E+00	8.76E-01	7.51E-03	2.06E+00	0.00E+00	1.65E-08	8.70E-09	5.08E-04	1.95E-07	1.58E-01	0.00E+00	2.06E+00	6.98E-07	2.06E+00	2.22E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
	WXF423E	8.98E-04	1.51E-01	8.92E-03	1.29E-01	0.00E+00	0.00E+00	6.33E-01	1.67E-06	8.70E-04	1.43E-03	0.00E+00	-5.58E-04	1.34E-10	7.70E-09	6.97E-03	3.16E-01	4.70E-07	0.00E+00	6.74E-01	6.29E-03	1.76E+00	0.00E+00	1.45E-08	7.52E-09	4.57E-04	1.84E-07	1.28E-01	0.00E+00	1.76E+00	5.36E-07	1.76E+00	1.92E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
	WXF423N	9.52E-04	1.52E-01	8.92E-03	1.34E-01	0.00E+00	0.00E+00	6.52E-01	1.70E-06	8.74E-04	1.44E-03	0.00E+00	-5.58E-04	1.33E-10	7.69E-09	6.92E-03	3.19E-01	4.70E-07	0.00E+00	6.96E-01	6.29E-03	1.75E+00	0.00E+00	1.45E-08	7.53E-09	4.57E-04	1.82E-07	1.29E-01	0.00E+00	1.75E+00	5.37E-07	1.75E+00	1.89E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
	WXF423R	9.43E-04	1.51E-01	8.93E-03	1.29E-01	0.00E+00	0.00E+00	6.24E-01	1.64E-06	8.71E-04	1.43E-03	0.00E+00	-5.62E-04	1.34E-10	7.69E-09	6.96E-03	3.11E-01	4.70E-07	0.00E+00	6.69E-01	6.78E-03	1.73E+00	0.00E+00	1.45E-08	7.55E-09	4.57E-04	1.77E-07	1.27E-01	0.00E+00	1.73E+00	5.26E-07	1.73E+00	1.89E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01
	WXF423T	9.52E-04	1.52E-01	8.92E-03	1.34E-01	0.00E+00	0.00E+00	6.52E-01	1.70E-06	8.74E-04	1.44E-03	0.00E+00	-5.58E-04	1.33E-10	7.69E-09	6.92E-03	3.19E-01	4.70E-07	0.00E+00	6.98E-01	6.29E-03	1.75E+00	0.00E+00	1.45E-08	7.49E-09	4.57E-04	1.83E-07	1.29E-01	0.00E+00	1.75E+00	5.37E-07	1.75E+00	1.89E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
	WXF423V	9.45E-04	1.50E-01	8.93E-03	1.29E-01	0.00E+00	0.00E+00	6.22E-01	1.64E-06	8.71E-04	1.43E-03	0.00E+00	-5.62E-04	1.34E-10	7.70E-09	6.99E-03	3.11E-01	4.70E-07	0.00E+00	6.63E-01	6.78E-03	1.75E+00	0.00E+00	1.45E-08	7.55E-09	4.59E-04	1.78E-07	1.27E-01	0.00E+00	1.75E+00	5.26E-07	1.75E+00	1.91E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
	WXF431	7.52E-04	8.99E-02	4.36E-03	7.27E-02	0.00E+00	0.00E+00	3.32E-01	7.89E-07	3.42E-04	7.67E-04	0.00E+00	-5.49E-04	6.22E-11	3.00E-09	3.07E-03	1.68E-01	1.64E-07	0.00E+00	3.35E-01	1.40E-03	8.59E-01	0.00E+00	7.04E-09	3.72E-09	2.33E-04	6.70E-08	6.34E-02	0.00E+00	8.59E-01	2.96E-07	8.59E-01	9.43E-01	6.34E-02	0.00E+00	0.00E+00	0.00E+00	1.30E+01
	WXF432	1.19E-03	1.15E-01	7.45E-03	1.04E-01	0.00E+00	0.00E+00	4.34E-01	1.35E-06	6.91E-04	1.15E-03	0.00E+00	-5.58E-04	8.36E-11	7.01E-09	4.83E-03	2.51E-01	1.41E-07	0.00E+00	5.45E-01	3.72E-03	1.35E+00	0.00E+00	1.13E-08	5.50E-09	3.49E-04	1.08E-07	9.57E-02	0.00E+00	1.35E+00	3.96E-07	1.35E+00	1.49E+00	9.57E-02	0.00E+00	0.00E+00	0.00E+00	1.95E+01
	WXF433	9.68E-04	1.51E-01	8.93E-03	1.29E-01	0.00E+00	0.00E+00	6.25E-01	1.65E-06	8.71E-04	1.44E-03	0.00E+00	-5.62E-04	1.34E-10	7.70E-09	6.99E-03	3.11E-01	4.71E-07	0.00E+00	6.63E-01	6.78E-03	1.75E+00	0.00E+00	1.45E-08	7.57E-09	4.59E-04	1.77E-07	1.27E-01	0.00E+00	1.75E+00	5.24E-07	1.75E+00	1.90E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01
	WXF452B	1.68E-03	1.15E-01	7.14E-03	1.08E-01	0.00E+00	0.00E+00	7.21E-01	1.76E-06	9.88E-04	1.21E-03	0.00E+00	-3.54E-04	1.25E-10	1.05E-08	5.83E-03	3.39E-01	0.00E+00	0.00E+00	7.78E-01	4.68E-03	1.66E+00	0.00E+00	1.31E-08	7.14E-09	4.18E-04	1.24E-07	1.39E-01	0.00E+00	1.66E+00	5.21E-07	1.66E+00	1.79E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.89E+01
	WXF452N	1.31E-03	1.19E-01	7.39E-03	8.98E-02	0.00E+00	0.00E+00	6.30E-01	1.59E-06	7.63E-04	1.00E-03	0.00E+00	-1.87E-04	9.82E-11	9.37E-09	5.17E-03	2.58E-01	1.31E-07	0.00E+00	6.92E-01	4.13E-03	1.40E+00	0.00E+00	1.14E-08	5.36E-09	3.10E-04	1.03E-07	1.28E-01	0.00E+00	1.40E+00	4.46E-07	1.40E+00	1.52E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
	WXF452T	1.39E-03	1.21E-01	7.67E-03	9.99E-02	0.00E+00	0.00E+00	6.37E-01	1.60E-06	8.22E-04	1.09E-03	0.00E+00	-1.87E-04	9.76E-11	9.48E-09	5.28E-03	2.66E-01	1.31E-07	0.00E+00	6.99E-01	3.98E-03	1.55E+00	0.00E+00	1.24E-08	5.99E-09	3.67E-04	1.05E-07	1.29E-01	0.00E+00	1.55E+00	4.40E-07	1.55E+00	1.66E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
	WXF453B	1.22E-03	1.50E-01	9.21E-03	1.30E-01	0.00E+00	0.00E+00	6.59E-01	1.64E-06	8.68E-04	1.45E-03	0.00E+00	-1.96E-04	1.39E-10	9.82E-09	7.26E-03	3.04E-01	4.61E-07	0.00E+00	7.26E-01	5.82E-03	1.72E+00	0.00E+00	1.46E-08	7.25E-09	4.63E-04	1.59E-07	1.35E-01	0.00E+00	1.72E+00	5.19E-07	1.72E+00	1.92E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
	WXF453N	1.17E-03	1.52E-01	8.80E-03	1.40E-01	0.00E+00	0.00E+00	6.75E-01	1.64E-06	8.67E-04	1.49E-03	0.00E+00	-1.96E-04	1.38E-10	9.78E-09	7.24E-03	2.90E-01	4.61E-07	0.00E+00	7.36E-01	5.87E-03	1.71E+00	0.00E+00	1.46E-08	7.13E-09	4.64E-04	1.51E-07	1.35E-01	0.00E+00	1.71E+00	5.16E-07	1.71E+00	1.90E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
	WXF453T	1.18E-03	1.52E-01	9.01E-03	1.37E-01	0.00E+00	0.00E+00	6.75E-01	1.65E-06	8.68E-04	1.48E-03	0.00E+00	-1.96E-04	1.38E-10	9.78E-09	7.23E-03	2.93E-01	4.61E-07	0.00E+00	7.38E-01	5.61E-03	1.72E+00	0.00E+00	1.46E-08	7.20E-09	4.66E-04	1.52E-07	1.35E-01	0.00E+00	1.72E+00	5.15E-07	1.72E+00	1.91E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
	WXF462B	4.38E-04	4.94E-02	2.60E-03	4.20E-02	0.00E+00	0.00E+00	2.22E-01	5.14E-07	2.81E-04	4.19E-04	0.00E+00	-2.03E-04	3.96E-11	3.32E-09	1.64E-03	9.82E-02	0.00E+00	0.00E+00	2.02E-01	5.44E-04	4.66E-01	0.00E+00	3.62E-09	2.21E-09	1.25E-04	3.82E-08	4.07E-02	0.00E+00	4.66E-01	9.33E-08	4.66E-01	5.01E-01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	8.22E+00
	WXF462R	4.23E-04	5.16E-02	2.30E-03	4.63E-02	0.00E+00	0.00E+00	2.25E-01	4.52E-07	2.00E-04	4.40E-04	0.00E+00	-2.03E-04	3.72E-11	2.49E-09	1.67E-03	8.96E-02	0.00E+00	0.00E+00	1.80E-01	4.93E-04	4.53E-01	0.00E+00	3.49E-09	2.04E-09	1.25E-04	5.07E-08	3.79E-02	0.00E+00	4.53E-01	1.15E-07	4.53E-01	4.98E-01	3.79E-02	0.00E+00	0.00E+00	0.00E+00	7.30E+00
	WXF472B	1.41E-03	1.23E-01	7.32E-03	1.11E-01	0.00E+00	0.00E+00	6.12E-01	1.56E-06	8.25E-04	1.17E-03	0.00E+00	-1.87E-04	9.76E-11	9.62E-09	5.33E-03	2.82E-01	1.31E-07	0.00E+00	6.90E-01	3.61E-03	1.55E+00	0.00E+00	1.25E-08	6.04E-09	3.82E-04	1.03E-07	1.28E-01	0.00E+00	1.55E+00	4.44E-07	1.55E+00	1.69E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
	WXF472E	1.38E-03	1.12E-01	7.17E-03	9.98E-02	0.00E+00	0.00E+00	6.51E-01	1.58E-06	8.44E-04	1.12E-03	0.00E+00	-1.82E-04	9.99E-11	9.34E-09	5.32E-03	2.63E-01	1.31E-07	0.00E+00	7.05E-01	4.11E-03	1.54E+00	0.00E+00	1.25E-08	5.89E-09	3.74E-04	1.06E-07	1.29E-01	0.00E+00	1.54E+00	4.49E-07	1.54E+00	1.66E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.65E+01
	WXF472N	1.39E-03	1.21E-01	7.66E-03	1.01E-01	0.00E+00	0.00E+00	6.55E-01	1.60E-06	8.31E-04	1.12E-03	0.00E+00	-1.82E-04	9.94E-11	9.50E-09	5.32E-03	2.66E-01	1.31E-07	0.00E+00	7.05E-01	3.99E-03	1.56E+00	0.00E+00	1.24E-08	5.94E-09	3.69E-04	1.05E-07	1.29E-01	0.00E+00	1.56E+00	4.49E-07	1.56E+00	1.68E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
	WXF472R	1.68E-03	1.15E-01	7.14E-03	1.07E-01	0.00E+00	0.00E+00	7.20E-01	1.76E-06	9.87E-04	1.21E-03	0.00E+00	-3.54E-04	1.25E-10	1.05E-08	5.81E-03	3.38E-01	0.00E+00	0.00E+00	7.77E-01	4.68E-03	1.65E+00	0.00E+00	1.31E-08	7.12E-09	4.17E-04	1.24E-07	1.39E-01	0.00E+00	1.65E+00	5.18E-07	1.65E+00	1.79E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.89E+01
	WXF472T	1.39E-03	1.20E-01	7.35E-03	9.89E-02	0.00E+00	0.00E+00	6.57E-01	1.60E-06	8.26E-04	1.11E-03	0.00E+00	-1.82E-04	9.94E-11	9.49E-09	5.32E-03	2.63E-01	1.31E-07	0.00E+00	7.06E-01	3.99E-03	1.55E+00	0.00E+00	1.24E-08	5.89E-09	3.66E-04	1.04E-07	1.29E-01	0.00E+00	1.55E+00	4.49E-07	1.55E+00	1.67E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
	WXF472V	1.38E-03	1.12E-01	7.26E-03	9.93E-02	0.00E+00	0.00E+00	6.47E-01	1.58E-06	8.44E-04	1.11E-03	0.00E+00	-1.82E-04	9.93E-11	9.36E-09	5.30E-03	2.63E-01	1.31E-07	0.00E+00	7.03E-01	4.14E-03	1.54E+00	0.00E+00	1.25E-08	5.88E-09	3.71E-04	1.06E-07	1.29E-01	0.00E+00	1.54E+00	4.46E-07	1.54E+00	1.67E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.65E+01
	WXF473B	1.21E-03	1.50E-01	8.86E-03	1.33E-01	0.00E+00	0.00E+00	6.60E-01	1.60E-06	8.65E-04	1.47E-03	0.00E+00	-1.96E-04	1.40E-10	9.82E-09	7.27E-03	2.99E-01	4.61E-07	0.00E+00	7.20E-01	5.22E-03	1.71E+00	0.00E+00	1.46E-08	7.18E-09	4.61E-04	1.53E-07	1.37E-01	0.00E+00	1.71E+00	5.20E-07	1.71E+00	1.91E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
	WXF473N	1.16E-03	1.52E-01	8.98E-03	1.37E-01	0.00E+00	0.00E+00	7.00E-01	1.63E-06	8.67E-04	1.48E-03	0.00E+00	-1.91E-04	1.40E-10	9.80E-09	7.29E-03	2.92E-01	4.61E-07	0.00E+00	7.34E-01	4.61E-03	1.73E+00	0.00E+00	1.46E-08	7.14E-09	4.61E-04	1.51E-07	1.36E-01	0.00E+00	1.73E+00	5.24E-07	1.73E+00	1.92E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
	WXF473R	1.14E-03	1.53E-01	8.78E-03	1.41E-01	0.00E+00	0.00E+00	6.91E-01	1.61E-06	8.67E-04	1.50E-03	0.00E+00	-1.91E-04	1.40E-10	9.80E-09	7.30E-03	2.91E-01	4.61E-07	0.00E+00	7.34E-01	4.79E-03	1.73E+00	0.00E+00	1.46E-08	7.13E-09	4.62E-04	1.50E-07	1.36E-01	0.00E+00	1.73E+00	5.25E-07	1.73E+00	1.92E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
	WXF473T	1.16E-03	1.51E-01	9.13E-03	1.37E-01	0.00E+00	0.00E+00	6.99E-01	1.63E-06	8.68E-04	1.47E-03	0.00E+00	-1.91E-04	1.40E-10	9.81E-09	7.29E-03	2.93E-01	4.61E-07	0.00E+00	7.35E-01	4.61E-03	1.74E+00	0.00E+00	1.46E-08	7.21E-09	4.63E-04	1.51E-07	1.36E-01	0.00E+00	1.74E+00	5.25E-07	1.74E+00	1.92E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
	WXPSS81	2.43E-03	4.77E-01	4.57E-02	4.32E-01	0.00E+00	0.00E+00	1.58E+00	5.31E-06	6.27E-04	4.58E-03	0.00E+00	-4.62E-03	2.36E-10	6.26E-09	2.00E-02	7.47E-01	0.00E+00	0.00E+00	1.88E+00	6.10E-02	5.96E+00	0.00E+00	4.73E-08	2.30E-08	1.38E-03	1.52E-06	3.38E-01	0.00E+00	5.96E+00	2.22E-06	5.96E+00	6.30E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	6.81E+01
	WXPSS82	5.44E-03	7.54E-01	8.24E-02	6.72E-01	0.00E+00	0.00E+00	2.42E+00	7.88E-06	1.11E-03	7.03E-03	0.00E+00	-8.61E-03	3.67E-10	1.12E-08	2.99E-02	1.14E+00	0.00E+00	0.00E+00	2.84E+00	1.14E-01	8.86E+00	0.00E+00	7.06E-08	3.44E-08	2.10E-03	2.81E-06	5.10E-01	0.00E+00	8.86E+00	3.01E-06	8.86E+00	9.37E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
Module D	GS20009016	-2.13E-02	6.57E-02	-1.71E-03	6.74E-02	0.00E+00	0.00E+00	-5.01E+00	-2.20E-03	-7.81E-04	-1.02E-02	0.00E+00	0.00E+00	-2.57E-09	-2.56E-07	1.53E-04	-5.61E+00	0.00E+00	0.00E+00	-3.59E+00	0.00E+00	-5.16E-01	0.00E+00	1.97E-09	-3.70E-08	-3.00E-03	0.00E+00	-8.97E-01	0.00E+00	-5.16E-01	-6.47E-05	-5.16E-01	-1.41E+00	-8.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
Module D	194802	-9.87E-03	-2.23E-01	-6.84E-04	-1.92E-01	0.00E+00	0.00E+00	-1.87E+00	-7.66E-04	-2.55E-04	-6.28E-03	0.00E+00	-4.27E-08	-1.61E-09	-9.25E-08	-4.04E-02	-1.06E+01	0.00E+00	0.00E+00	-2.67E+00	-1.52E-05	3.46E-01	0.00E+00	-5.04E-09	-2.86E-08	-2.17E-03	-2.12E-10	-1.35E+00	0.00E+00	3.46E-01	-2.89E-05	3.46E-01	-1.88E+00	-1.35E+00	0.00E+00	0.00E+00	0.00E+00	-8.78E+01
Module D	194818	-5.27E-03	-2.65E-01	-9.18E-05	-1.02E-01	0.00E+00	0.00E+00	-8.92E-01	-3.66E-04	3.75E-05	-2.33E-03	0.00E+00	-2.62E-06	-5.04E-10	-3.36E-08	-4.00E-02	-1.05E+01	0.00E+00	0.00E+00	-8.62E-01	-9.36E-04	7.50E-01	0.00E+00	-4.73E-10	-1.43E-08	-5.29E-04	-6.27E-07	-1.29E+00	0.00E+00	7.50E-01	-1.21E-05	7.50E-01	-9.93E-01	-1.29E+00	0.00E+00	0.00E+00	0.00E+00	-3.40E+01

194819	-7.08E-03	-1.46E-01	-5.18E-04	-3.40E-01	0.00E+00	0.00E+00	-1.79E+00	-4.55E-04	-6.61E-05	-3.50E-03	0.00E+00	-2.62E-06	-8.41E-10	-4.69E-08	-4.19E-02	-1.14E+01	0.00E+00	0.00E+00	-1.02E+00	-9.36E-04	-2.65E-01	0.00E+00	-3.51E-09	-1.44E-08	-9.26E-04	-6.27E-07	-1.38E+00	0.00E+00	-2.65E-01	-1.81E-05	-2.65E-01	-3.11E+00	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	-3.74E+01
194830	-5.40E-03	-1.89E-01	2.08E-05	-2.49E-01	0.00E+00	0.00E+00	-1.27E+00	-5.39E-04	-2.86E-06	-2.55E-03	0.00E+00	-2.62E-06	-7.81E-10	-5.67E-08	-3.55E-02	-1.08E+01	0.00E+00	0.00E+00	-9.04E-01	-9.36E-04	3.96E-01	0.00E+00	-2.90E-09	-1.43E-08	-8.50E-04	-6.27E-07	-1.33E+00	0.00E+00	3.96E-01	-1.39E-05	3.96E-01	-1.85E+00	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	-3.66E+01
396103	-4.48E-03	-5.03E-02	4.23E-04	-4.98E-02	0.00E+00	0.00E+00	-3.21E-01	-2.63E-04	-7.09E-05	-8.38E-04	0.00E+00	-2.38E-08	-3.55E-10	-3.46E-08	-2.72E-03	-9.73E-01	0.00E+00	0.00E+00	-3.78E-01	-8.33E-06	-2.66E-01	0.00E+00	-1.12E-09	-4.46E-09	-3.39E-04	-1.12E-08	-1.85E-01	0.00E+00	-2.66E-01	-1.06E-05	-2.66E-01	-4.26E-01	-1.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
396161	-3.56E-03	-4.24E-02	-2.36E-04	-4.44E-02	0.00E+00	0.00E+00	-3.51E-01	-2.63E-04	-6.41E-05	-6.39E-04	0.00E+00	-8.23E-09	-3.05E-10	-3.80E-08	-3.28E-04	-5.78E-01	0.00E+00	0.00E+00	-4.31E-01	-2.78E-06	-1.87E-01	0.00E+00	-1.64E-09	-3.00E-09	-2.76E-04	-3.86E-09	-7.61E-02	0.00E+00	-1.87E-01	-1.27E-05	-1.87E-01	-3.99E-01	-7.61E-02	0.00E+00	0.00E+00	0.00E+00	-1.74E+01
396380	-4.74E-03	-1.17E-02	1.73E-04	-1.19E-02	0.00E+00	0.00E+00	-8.00E-01	-4.78E-04	-1.94E-04	-2.53E-03	0.00E+00	0.00E+00	-5.32E-10	-5.53E-08	8.72E-04	-3.70E-01	0.00E+00	0.00E+00	-6.70E-01	0.00E+00	-1.30E-04	0.00E+00	8.77E-10	-7.80E-09	-7.17E-04	0.00E+00	-5.33E-02	0.00E+00	-1.30E-04	-1.62E-05	-1.30E-04	-5.34E-02	-5.33E-02	0.00E+00	0.00E+00	0.00E+00	-3.03E+01
396765	5.83E-04	4.82E-02	2.14E-03	4.60E-02	0.00E+00	0.00E+00	4.76E-01	8.80E-07	3.53E-04	4.73E-04	0.00E+00	0.00E+00	8.46E-11	4.24E-09	2.57E-03	1.34E-01	0.00E+00	0.00E+00	3.69E-01	0.00E+00	5.58E-01	0.00E+00	4.45E-09	2.31E-09	1.46E-04	0.00E+00	6.48E-02	0.00E+00	5.58E-01	8.32E-08	5.58E-01	6.23E-01	6.48E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
396768	-5.15E-03	-7.51E-02	-1.58E-03	-7.35E-02	0.00E+00	0.00E+00	-1.33E+00	-5.00E-04	-2.53E-04	-3.21E-03	0.00E+00	0.00E+00	-9.13E-10	-5.84E-08	-3.79E-02	-4.99E-01	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-8.58E-01	0.00E+00	-3.85E-09	-1.22E-08	-9.77E-04	0.00E+00	-1.24E-01	0.00E+00	-8.58E-01	-1.72E-05	-8.58E-01	-9.82E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-4.93E+01
396874	-5.19E-03	-7.26E-02	-1.57E-03	-7.10E-02	0.00E+00	0.00E+00	-1.35E+00	-5.05E-04	-2.53E-04	-3.21E-03	0.00E+00	0.00E+00	-1.03E-09	-5.88E-08	-1.73E-03	-5.13E-01	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-8.77E-01	0.00E+00	-4.03E-09	-1.31E-08	-1.01E-03	0.00E+00	-1.30E-01	0.00E+00	-8.77E-01	-1.74E-05	-8.77E-01	-1.01E+00	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-5.27E+01
404049	-4.84E-03	-1.33E-02	7.09E-04	-1.40E-02	0.00E+00	0.00E+00	-1.02E+00	-5.53E-04	2.31E-04	-2.82E-03	0.00E+00	0.00E+00	-6.20E-10	-5.90E-08	6.93E-04	-3.49E-01	0.00E+00	0.00E+00	-7.64E-01	0.00E+00	-2.55E-02	0.00E+00	1.25E-09	-8.29E-09	-7.74E-04	0.00E+00	-5.61E-02	0.00E+00	-2.55E-02	-1.59E-05	-2.55E-02	-8.16E-02	-5.61E-02	0.00E+00	0.00E+00	0.00E+00	-3.44E+01
41091404	-2.39E-03	-2.37E-02	-2.92E-04	-3.60E-02	0.00E+00	0.00E+00	-4.86E-01	-1.86E-04	-2.22E-05	-1.49E-03	0.00E+00	-2.27E-06	-2.97E-10	-2.02E-08	-5.36E-02	-1.71E+00	0.00E+00	0.00E+00	-6.23E-01	-8.11E-04	-2.87E-01	0.00E+00	2.34E-10	-6.55E-09	-4.38E-04	-5.44E-07	-2.86E-01	0.00E+00	-2.87E-01	-7.79E-06	-2.87E-01	-6.17E-01	-2.86E-01	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
41091606	-1.96E-03	-2.41E-02	-2.72E-04	-4.32E-02	0.00E+00	0.00E+00	-5.43E-01	-1.95E-04	-1.51E-05	-1.49E-03	0.00E+00	-1.87E-05	-3.03E-10	-2.06E-08	-2.19E-03	-1.56E+00	0.00E+00	0.00E+00	-6.27E-01	-6.64E-03	-3.72E-01	0.00E+00	2.59E-10	-6.43E-09	-4.51E-04	-4.29E-06	-2.43E-01	0.00E+00	-3.72E-01	-7.84E-06	-3.72E-01	-6.52E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
41091909	-3.21E-03	-6.73E-02	-5.52E-04	-7.68E-02	0.00E+00	0.00E+00	-6.27E-01	-2.97E-04	-3.88E-05	-1.93E-03	0.00E+00	0.00E+00	-5.70E-10	-3.21E-08	-3.30E-03	-1.43E+00	0.00E+00	0.00E+00	-7.15E-01	0.00E+00	-4.57E-01	0.00E+00	-1.30E-09	-7.75E-09	-6.06E-04	-2.12E-10	-2.39E-01	0.00E+00	-4.57E-01	-1.11E-05	-4.57E-01	-8.91E-01	-2.39E-01	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
41092045	-3.22E-03	-3.38E-02	-7.94E-04	-3.27E-02	0.00E+00	0.00E+00	-8.60E-01	-2.38E-04	-7.69E-05	-2.50E-03	0.00E+00	-8.12E-06	-5.41E-10	-3.02E-08	-6.48E-02	-1.27E+00	0.00E+00	0.00E+00	-6.64E-01	-2.75E-03	-7.07E-01	0.00E+00	3.07E-10	-8.09E-09	-6.04E-04	-1.86E-06	-2.12E-01	0.00E+00	-7.07E-01	-1.27E-05	-7.07E-01	-6.85E-01	-2.12E-01	0.00E+00	0.00E+00	0.00E+00	-3.27E+01
41092089	-3.68E-03	-5.08E-02	-1.01E-03	-5.56E-02	0.00E+00	0.00E+00	-8.03E-01	-3.39E-04	-1.45E-04	-2.44E-03	0.00E+00	-4.65E-10	-3.97E-10	-4.03E-08	-4.63E-02	-9.08E-01	0.00E+00	0.00E+00	-6.80E-01	0.00E+00	-4.00E-01	0.00E+00	-3.20E-10	-9.17E-09	-7.19E-04	-2.09E-10	-2.15E-01	0.00E+00	-4.00E-01	-1.39E-05	-4.00E-01	-4.63E-01	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-3.53E+01
41096084	-3.96E-03	-8.32E-02	-6.14E-04	-7.96E-02	0.00E+00	0.00E+00	-7.86E-01	-3.11E-04	-8.71E-05	-2.19E-03	0.00E+00	-1.85E-05	-6.44E-10	-3.59E-08	-5.62E-02	-1.64E+00	0.00E+00	0.00E+00	-7.97E-01	-6.59E-03	-7.26E-01	0.00E+00	-2.09E-09	-9.43E-09	-7.17E-04	-4.23E-06	-2.83E-01	0.00E+00	-7.26E-01	-1.22E-05	-7.26E-01	-9.46E-01	-2.83E-01	0.00E+00	0.00E+00	0.00E+00	-3.56E+01
41096086	-4.05E-03	-6.68E-02	-5.07E-04	-8.17E-02	0.00E+00	0.00E+00	-7.52E-01	-3.39E-04	-4.03E-05	-2.08E-03	0.00E+00	-1.87E-05	-5.89E-10	-3.94E-08	-2.34E-03	-2.07E+00	0.00E+00	0.00E+00	-7.35E-01	-6.64E-03	-5.90E-01	0.00E+00	-6.46E-10	-8.05E-09	-6.62E-04	-4.29E-06	-2.63E-01	0.00E+00	-5.90E-01	-1.16E-05	-5.90E-01	-9.52E-01	-2.63E-01	0.00E+00	0.00E+00	0.00E+00	-3.39E+01
41096089	-3.31E-03	-6.34E-02	-3.46E-04	-7.10E-02	0.00E+00	0.00E+00	-6.05E-01	-2.89E-04	-3.78E-05	-1.96E-03	0.00E+00	0.00E+00	-5.58E-10	-3.29E-08	-6.63E-04	-1.42E+00	0.00E+00	0.00E+00	-7.01E-01	0.00E+00	-4.38E-01	0.00E+00	-5.87E-10	-7.58E-09	-6.02E-04	-2.12E-10	-2.31E-01	0.00E+00	-4.38E-01	-1.12E-05	-4.38E-01	-8.72E-01	-2.31E-01	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
41097003	-6.37E-03	-1.95E-01	-6.38E-04	-8.98E-02	0.00E+00	0.00E+00	-1.02E+00	-3.46E-04	-4.64E-05	-2.28E-03	0.00E+00	-2.27E-06	-9.82E-10	-4.47E-08	-5.56E-02	-2.55E+00	0.00E+00	0.00E+00	-7.27E-01	-8.11E-04	-4.91E-01	0.00E+00	-3.23E-09	-1.49E-08	-9.63E-04	-5.44E-07	-5.18E-01	0.00E+00	-4.91E-01	-1.36E-05	-4.91E-01	-1.25E+00	-5.18E-01	0.00E+00	0.00E+00	0.00E+00	-3.97E+01
41097006	-3.85E-03	-6.84E-02	-4.54E-04	-7.27E-02	0.00E+00	0.00E+00	-5.98E-01	-2.89E-04	-3.06E-05	-1.99E-03	0.00E+00	-2.27E-06	-5.72E-10	-3.35E-08	-5.35E-02	-1.61E+00	0.00E+00	0.00E+00	-6.83E-01	-8.11E-04	-4.65E-01	0.00E+00	-7.84E-10	-7.81E-09	-6.20E-04	-5.44E-07	-2.71E-01	0.00E+00	-4.65E-01	-1.12E-05	-4.65E-01	-8.72E-01	-2.71E-01	0.00E+00	0.00E+00	0.00E+00	-3.27E+01
41097009	-3.34E-03	-6.51E-02	-3.61E-04	-7.27E-02	0.00E+00	0.00E+00	-6.04E-01	-2.89E-04	-3.55E-05	-1.93E-03	0.00E+00	0.00E+00	-5.62E-10	-3.32E-08	-6.80E-04	-1.43E+00	0.00E+00	0.00E+00	-6.94E-01	0.00E+00	-4.38E-01	0.00E+00	-7.12E-10	-7.62E-09	-6.17E-04	-2.12E-10	-2.31E-01	0.00E+00	-4.38E-01	-1.11E-05	-4.38E-01	-8.72E-01	-2.31E-01	0.00E+00	0.00E+00	0.00E+00	-3.19E+01
41098982	-3.23E-03	-6.23E-02	-3.51E-04	-6.60E-02	0.00E+00	0.00E+00	-5.97E-01	-2.74E-04	-3.82E-05	-1.80E-03	0.00E+00	0.00E+00	-4.89E-10	-3.11E-08	-6.71E-04	-1.56E+00	0.00E+00	0.00E+00	-7.28E-01	0.00E+00	-4.32E-01	0.00E+00	-5.28E-10	-6.88E-09	-6.10E-04	-2.12E-10	-2.46E-01	0.00E+00	-4.32E-01	-1.04E-05	-4.32E-01	-8.46E-01	-2.46E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
41098989	-7.02E-03	-9.82E-02	-1.71E-03	-9.65E-02	0.00E+00	0.00E+00	-1.22E+00	-4.33E-04	-2.44E-04	-3.09E-03	0.00E+00	0.00E+00	-1.03E-09	-5.03E-08	-2.04E-03	-8.63E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-9.86E-01	0.00E+00	-4.74E-09	-1.31E-08	-9.83E-04	0.00E+00	-1.81E-01	0.00E+00	-9.86E-01	-1.64E-05	-9.86E-01	-1.17E+00	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-4.96E+01
41101909	-1.63E-03	-3.41E-03	7.94E-05	-3.69E-03	0.00E+00	0.00E+00	-3.94E-01	-1.66E-04	2.30E-05	-1.18E-03	0.00E+00	0.00E+00	-2.19E-10	-1.93E-08	-5.18E-04	-8.22E-01	0.00E+00	0.00E+00	-4.75E-01	0.00E+00	-1.34E-01	0.00E+00	1.16E-09	-5.52E-09	-3.60E-04	-2.12E-10	-1.12E-01	0.00E+00	-1.34E-01	-7.02E-06	-1.34E-01	-1.93E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
41101913	-1.72E-03	-1.98E-03	2.59E-04	-5.51E-03	0.00E+00	0.00E+00	-3.97E-01	-1.65E-04	1.25E-05	-1.09E-03	0.00E+00	0.00E+00	-2.09E-10	-1.85E-08	-1.11E-03	-9.91E-01	0.00E+00	0.00E+00	-4.58E-01	0.00E+00	-1.39E-01	0.00E+00	8.61E-10	-5.43E-09	-3.20E-04	-2.12E-10	-1.65E-01	0.00E+00	-1.39E-01	-6.83E-06	-1.39E-01	-3.24E-01	-1.65E-01	0.00E+00	0.00E+00	0.00E+00	-2.06E+01
41101914	-1.80E-03	-7.08E-03	1.17E-04	-1.68E-02	0.00E+00	0.00E+00	-4.65E-01	-1.71E-04	-1.11E-05	-1.18E-03	0.00E+00	-1.76E-05	-2.30E-10	-1.95E-08	-1.86E-03	-1.04E+00	0.00E+00	0.00E+00	-5.12E-01	-6.26E-03	-2.57E-01	0.00E+00	1.22E-09	-5.61E-09	-3.57E-04	-4.05E-06	-1.77E-01	0.00E+00	-2.57E-01	-6.92E-06	-2.57E-01	-3.72E-01	-1.77E-01	0.00E+00	0.00E+00	0.00E+00	-2.34E+01
41101915	-1.80E-03	-7.95E-03	1.57E-04	-1.77E-02	0.00E+00	0.00E+00	-4.71E-01	-1.71E-04	-1.11E-05	-1.18E-03	0.00E+00	-1.78E-05	-2.30E-10	-1.95E-08	-2.27E-03	-1.04E+00	0.00E+00	0.00E+00	-5.12E-01	-6.33E-03	-2.57E-01	0.00E+00	1.22E-09	-5.61E-09	-3.57E-04	-4.11E-06	-1.77E-01	0.00E+00	-2.57E-01	-6.90E-06	-2.57E-01	-3.72E-01	-1.77E-01	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
41101924	-1.50E-03	2.67E-03	3.22E-04	-4.28E-03	0.00E+00	0.00E+00	-4.03E-01	-1.97E-04	3.42E-05	-1.14E-03	0.00E+00	0.00E+00	-1.97E-10	-1.77E-08	-8.84E-05	-7.78E-01	0.00E+00	0.00E+00	-4.04E-01	0.00E+00	-1.22E-01	0.00E+00	1.30E-09	-5.09E-09	-3.03E-04	-2.12E-10	-1.15E-01	0.00E+00	-1.22E-01	-7.02E-06	-1.22E-01	-1.91E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
41102007	-3.07E-03	-3.69E-02	-1.13E-04	-4.97E-02	0.00E+00	0.00E+00	-6.01E-01	-2.78E-04	-3.35E-05	-1.67E-03	0.00E+00	-1.80E-05	-4.96E-10	-3.14E-08	-1.86E-03	-6.27E-01	0.00E+00	0.00E+00	-5.82E-01	-6.40E-03	-4.87E-01	0.00E+00	3.83E-11	-6.77E-09	-5.63E-04	-4.17E-06	-1.12E-01	0.00E+00	-4.87E-01	-1.04E-05	-4.87E-01	-6.41E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.49E+01
41102022	-3.10E-03	-4.34E-02	-1.87E-05	-5.06E-02	0.00E+00	0.00E+00	-6.45E-01	-2.86E-04	-3.04E-05	-1.70E-03	0.00E+00	-1.78E-05	-5.04E-10	-3.20E-08	-1.94E-03	-6.19E-01	0.00E+00	0.00E+00	-5.99E-01	-6.32E-03	-5.28E-01	0.00E+00	-7.73E-10	-7.55E-09	-5.93E-04	-4.13E-06	-1.09E-01	0.00E+00	-5.28E-01	-1.08E-05	-5.28E-01	-6.39E-01	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.46E+01
41102045	-3.31E-03	-9.27E-02	-8.11E-04	-9.60E-02	0.00E+00	0.00E+00	-8.48E-01	-2.15E-04	-1.35E-04	-2.50E-03	0.00E+00	-4.65E-10	-5.40E-10	-2.94E-08	-4.19E-02	-6.30E-01	0.00E+00	0.00E+00	-8.41E-01	0.00E+00	-7.62E-01	0.00E+00	-1.15E-09	-1.25E-08	-7.48E-04	-2.09E-10	-1.84E-01	0.00E+00	-7.62E-01	-1.25E-05	-7.62E-01	-8.82E-01	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-3.71E+01
41102089	-3.75E-03	-6.12E-02	-1.03E-03	-6.03E-02	0.00E+00	0.00E+00	-8.94E-01	-3.38E-04	-1.88E-04	-2.62E-03	0.00E+00	-4.65E-10	-5.73E-10	-3.95E-08	-3.89E-02	-6.64E-01	0.00E+00	0.00E+00	-8.81E-01	0.00E+00	-7.99E-01	0.00E+00	-1.23E-09	-1.24E-08	-7.91E-04	-2.09E-10	-1.77E-01	0.00E+00	-7.99E-01	-1.35E-05	-7.99E-01	-8.93E-01	-1.77E-01	0.00E+00	0.00E+00	0.00E+00	-3.88E+01
41106013	-3.21E-03	-4.04E-02	1.46E-04	-3.10E-02	0.00E+00	0.00E+00	-4.95E-01	-2.83E-04	-4.11E-05	-1.91E-03	0.00E+00	0.00E+00	-4.81E-10	-3.43E-08	-6.64E-04	-5.27E-01	0.00E+00	0.00E+00	-5.34E-01	0.00E+00	-2.66E-01	0.00E+00	2.78E-10	-6.72E-09	-5.56E-04	-2.12E-10	-7.40E-02	0.00E+00	-2.66E-01	-1.10E-05	-2.66E-01	-3.68E-01	-7.40E-02	0.00E+00	0.00E+00	0.00E+00	-2.54E+01
41106014	-3.21E-03	-4.04E-02	1.46E-04	-3.10E-02	0.00E+00	0.00E+00	-4.95E-01	-2.83E-04	-4.11E-05	-1.91E-03	0.00E+00	0.00E+00	-4.81E-10	-3.43E-08	-6.64E-04	-5.27E-01	0.00E+00	0.00E+00	-5.34E-01	0.00E+00	-2.66E-01	0.00E+00	2.78E-10	-6.72E-09	-5.56E-04	-2.12E-10	-7.40E-02	0.00E+00	-2.66E-01	-1.10E-05	-2.66E-01	-3.68E-01	-7.40E-02	0.00E+00	0.00E+00	0.00E+00	-2.54E+01
41106015	-3.21E-03	-4.12E-02	1.72E-04	-3.10E-02	0.00E+00	0.00E+00	-4.91E-01	-2.83E-04	-4.11E-05	-1.91E-03	0.00E+00	0.00E+00	-4.83E-10	-3.43E-08	-8.15E-04	-5.27E-01	0.00E+00	0.00E+00	-5.34E-01	0.00E+00	-2.77E-01	0.00E+00	2.78E-10	-6.72E-09	-5.56E-04	-2.12E-10	-7.40E-02	0.00E+00	-2.77E-01	-1.10E-05	-2.77E-01	-3.68E-01	-7.40E-02	0.00E+00	0.00E+00	0.00E+00	-2.54E+01
41106024	-3.03E-03	-2.64E-02	2.28E-04	-2.57E-02	0.00E+00	0.00E+00	-4.63E-01	-2.73E-04	-1.44E-06	-1.65E-03	0.00E+00	0.00E+00	-4.52E-10	-3.38E-08	-1.16E-03	-5.45E-01	0.00E+00	0.00E+00	-4.78E-01	0.00E+00	-1.97E-01	0.00E+00	6.73E-10	-6.40E-09	-4.95E-04	-2.12E-10	-7.86E-02	0.00E+00	-1.97E-01	-1.05E-05	-1.97E-01	-3.26E-01	-7.86E-02	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
41106084	-3.72E-03	-5.63E-02	-1.29E-04	-3.39E-02	0.00E+00	0.00E+00	-5.47E-01	-2.94E-04	-4.10E-05	-2.11E-03	0.00E+00	-2.27E-06	-5.33E-10	-3.48E-08	-5.97E-02	-7.87E-01	0.00E+00	0.00E+00	-5.93E-01	-8.11E-04	-3.81E-01	0.00E+00	-9.82E-10	-7.69E-09	-6.22E-04	-5.44E-07	-1.27E-01	0.00E+00	-3.81E-01	-1.16E-05	-3.81E-01	-4.08E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.85E+01
41106086	-3.95E-03	-4.23E-02	-6.35E-05	-3.21E-02	0.00E+00	0.00E+00	-5.77E-01	-3.24E-04	-2.37E-05	-2.02E-03	0.00E+00	-2.59E-06	-4.94E-10	-4.01E-08	-3.98E-04	-1.27E+00	0.00E+00	0.00E+00	-5.49E-01	-9.26E-04	-2.66E-01	0.00E+00	2.14E-10	-7.28E-09	-6.26E-04	-6.27E-07	-1.11E-01	0.00E+00	-2.66E-01	-1.13E-05	-2.66E-01	-3.95E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.85E+01
41106089	-3.21E-03	-4.14E-02	3.60E-05	-3.10E-02	0.00E+00	0.00E+00	-4.95E-01	-2.85E-04	-4.11E-05	-1.98E-03	0.00E+00	0.00E+00	-4.90E-10	-3.44E-08	-7.43E-04	-5.27E-01	0.00E+00	0.00E+00	-5.34E-01	0.00E+00	-2.66E-01	0.00E+00	2.37E-10	-6.84E-09	-5.75E-04	-2.12E-10	-7.40E-02	0.00E+00	-2.66E-01	-1.13E-05	-2.66E-01	-3.68E-01	-7.40E-02	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
41107009	-3.14E-03	-4.06E-02	-1.87E-05	-3.26E-02	0.00E+00	0.00E+00	-4.75E-01	-2.70E-04	3.88E-07	-1.62E-03	0.00E+00	0.00E+00	-4.82E-10	-3.23E-08	-6.78E-04	-7.00E-01	0.00E+00	0.00E+00	-5.28E-01	0.00E+00	-2.98E-01	0.00E+00	4.07E-10	-6.67E-09	-5.65E-04	-2.12E-10	-9.75E-02	0.00E+00	-2.98E-01	-1.05E-05	-2.98E-01	-3.95E-01	-9.75E-02	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
41107113	-3.20E-03	-3.79E-02	9.19E-05	-3.40E-02	0.00E+00	0.00E+00	-4.91E-01	-2.69E-04	-1.50E-05	-1.61E-03	0.00E+00	0.00E+00	-4.85E-10	-3.22E-08	-1.10E-03	-8.96E-01	0.00E+00	0.00E+00	-5.43E-01	0.00E+00	-2.74E-01	0.00E+00	3.44E-10	-6.72E-09	-5.33E-04	-2.12E-10	-1.52E-01	0.00E+00	-2.74E-01	-1.02E-05	-2.74E-01	-4.99E-01	-1.52E-01	0.00E+00	0.00E+00	0.00E+00	-2.47E+01
41107114	-3.30E-03	-4.77E-02	-2.08E-05	-4.86E-02	0.00E+00	0.00E+00	-5.91E-01	-2.75E-04	-3.64E-05	-1.75E-03	0.00E+00	-1.83E-05	-5.10E-10	-3.29E-08	-2.76E-03	-9.32E-01	0.00E+00	0.00E+00	-5.81E-01	-6.50E-03	-4.78E-01	0.00E+00	4.10E-10	-7.01E-09	-5.52E-04	-4.25E-06	-1.67E-01	0.00E+00	-4.78E-01	-1.06E-05	-4.78E-01	-6.21E-01	-1.67E-01	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
41107115	-3.30E-03	-4.82E-02	6.19E-06	-4.86E-02	0.00E+00	0.00E+00	-5.91E-01	-2.75E-04	-3.64E-05	-1.75E-03	0.00E+00	-1.83E-05	-5.10E-10	-3.29E-08	-2.79E-03	-9.32E-01	0.00E+00	0.00E+00	-5.81E-01	-6.50E-03	-4.78E-01	0.00E+00	4.10E-10	-7.01E-09	-5.52E-04	-4.25E-06	-1.67E-01	0.00E+00	-4.78E-01	-1.06E-05	-4.78E-01	-6.21E-01	-1.67E-01	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
41108913	-2.51E-03	1.81E-02	1.42E-03	1.66E-02	0.00E+00	0.00E+00	-2.08E-01	-2.86E-04	5.04E-05	-1.18E-03	0.00E+00	0.00E+00	-2.69E-10	-3.10E-08	2.35E-03	-5.77E-01	0.00E+00	0.00E+00	-1.86E-01	0.00E+00	3.81E-01	0.00E+00	3.61E-09	-3.29E-09	-3.31E-04	0.00E+00	-5.76E-02	0.00E+00	3.81E-01	-8.14E-06	3.81E-01	3.24E-01	-5.76E-02	0.00E+00	0.00E+00	0.00E+00	-1.07E+01
41108914	-3.16E-03	-3.65E-02	1.97E-04	-2.86E-02	0.00E+00	0.00E+00	-5.11E-01	-2.83E-04	-3.16E-05	-1.85E-03	0.00E+00	0.00E+00	-4.76E-10	-3.38E-08	-1.28E-03	-5.41E-01	0.00E+00	0.00E+00	-5.41E-01	0.00E+00	-2.55E-01	0.00E+00	4.42E-10	-6.65E-09	-5.31E-04	-2.12E-10	-7.22E-02	0.00E+00	-2.55E-01	-1.10E-05	-2.55E-01	-3.61E-01	-7.22E-02	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
41108915	-4.92E-03	-5.96E-02	-2.70E-04	-5.71E-02	0.00E+00	0.00E+00	-6.97E-01	-3.26E-04	-3.71E-05	-1.77E-03	0.00E+00	0.00E+00	-6.88E-10	-4.08E-08	-1.06E-02	-1.04E+00	0.00E+00	0.00E+00	-5.78E-01	0.00E+00	-1.80E-01	0.00E+00	-9.90E-10	-9.71E-09	-7.37E-04	-2.12E-10	-1.98E-01	0.00E+00	-1.80E-01	-1.21E-05	-1.80E-01	-7.95E-01	-1.98E-01	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
41108924	-1.87E-03	-8.45E-03	2.04E-04	-9.03E-04	0.00E+00	0.00E+00	-4.07E-01	-1.82E-04	8.42E-06	-1.32E-03	0.00E+00	0.00E+00	-2.34E-10	-2.14E-08	-3.48E-03	-7.28E-01	0.00E+00	0.00E+00	-5.06E-01	0.00E+00	-1.60E-01	0.00E+00	7.99E-10	-5.70E-09	-3.67E-04	-2.12E-10	-8.91E-02	0.00E+00	-1.60E-01	-7.91E-06	-1.60E-01	-1.71E-01	-8.91E-02	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
41108989	-3.12E-03	-3.67E-02	7.18E-05	-2.76E-02	0.00E+00	0.00E+00	-5.11E-01	-2.80E-04	-3.07E-05	-1.98E-03	0.00E+00	0.00E+00	-4.96E-10	-3.37E-08	-1.37E-03	-5.41E-01	0.00E+00	0.00E+00	-5.42E-01	0.00E+00	-2.55E-01	0.00E+00	4.01E-10	-6.78E-09	-5.48E-04	-2.12E-10	-7.22E-02	0.00E+00	-2.55E-01	-1.13E-05	-2.55E-01	-3.61E-01	-7.22E-02	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
41157003	-3.15E-03	-2.47E-02	1.08E-04	-2.53E-02	0.00E+00	0.00E+00	-4.94E-01	-2.70E-04	2.00E-05	-1.65E-03	0.00E+00	0.00E+00	-4.91E-10	-3.11E-08	1.34E-03	-1.22E+00	0.00E+00	0.00E+00	-4.41E-01	0.00E+00	-2.09E-01	0.00E+00	5.24E-10	-6.41E-09	-5.05E-04	-2.12E-10	-1.79E-01	0.00E+00	-2.09E-01	-1.05E-05	-2.09E-01	-3.57E-01	-1.79E-01	0.00E+00	0.00E+00	0.00E+00	-2.42E+01
41157004	-3.15E-03	-3.52E-02	1.28E-04	-2.78E-02	0.00E+00	0.00E+00	-4.90E-01	-2.74E-04	1.79E-05	-1.65E-03	0.00E+00	0.00E+00	-5.00E-10	-3.20E-08	1.45E-03	-1.42E+00	0.00E+00	0.00E+00	-4.74E-01	0.00E+00	-1.88E-01	0.00E+00	6.01E-10	-6.45E-09	-5.34E-04	-2.12E-10	-1.93E-01	0.00E+00	-1.88E-01	-1.06E-05	-1.88E-01	-3.61E-01	-1.93E-01	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
41157006	-2.83E-04	-3.31E-02	2.53E-04	-3.34E-02	0.00E+00	0.00E+00	-1.20E-01	-5.51E-05	1.95E-04	-5.32E-04	0.00E+00	0.00E+00	-5.31E-10	-3.48E-09	5.61E-05	-4.93E-02	0.00E+00	0.00E+00	-2.84E-01	0.00E+00	-3.70E-01	0.00E+00	-6.75E-10	-4.23E-09	-2.55E-04	0.00E+00	-1.98E-02	0.00E+00	-3.70E-01	-2.29E-06	-3.70E-01	-3.90E-01	-1.98E-02	0.00E+00	0.00E+00	0.00E+00	-1.26E+01
41157009	-3.99E-03	-7.81E-02	-1.39E-03	-7.67E-02	0.00E+00	0.00E+00	-1.07E+00	-3.83E-04	-1.85E-04	-2.65E-03	0.00E+00	0.00E+00	-9.63E-10	-4.41E-08	-1.67E-03	-8.31E-01	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	-8.82E-01	0.00E+00	-3.93E-09	-1.18E-08	-8.66E-04	0.00E+00	-1.70E-01	0.00E+00	-8.82E-01	-1.46E-05	-8.82E-01	-1.05E+00	-1.70E-01	0.00E+00	0.00E+00	0.00E+00	-4.48E+01
41231404	-3.14E-03	-4.30E-02	-4.97E-04	-4.57E-02	0.00E+00	0.00E+00	-5.52E-01	-2.93E-04	-1.65E-05	-1.89E-03	0.00E+00	0.00E+00	-5.96E-10	-3.19E-08	-6.76E-03	-6.26E-01	0.00E+00	0.00E+00	-6.38E-01	0.00E+00	-4.43E-01	0.00E+00	-1.15E-09	-6.95E-09	-5.86E-04	-2.12E-10	-1.10E-01	0.00E+00	-4.43E-01	-1.04E-05	-4.43E-01	-4.83E-01	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.91E+01
41231606	-4.59E-03	-6.27E-02	-1.02E-03	-7.82E-02	0.00E+00	0.00E+00	-9.05E-01	-2.93E-04	-8.25E-05	-1.97E-03	0.00E+00	-2.02E-05	-7.65E-10	-3.54E-08	-2.17E-02	-6.99E-01	0.00E+00	0.00E+00	-7.67E-01	-7.22E-03	-1.01E+00	0.00E+00	-2.53E-09	-9.23E-09	-7.12E-04	-4.73E-06	-1.44E-01	0.00E+00	-1.01E+00	-1.16E-05	-1.01E+00	-1.03E+00	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	-2.95E+01
41231909	-3.02E-03	-4.18E-02	-4.89E-04	-4.68E-02	0.00E+00	0.00E+00	-5.52E-01	-2.75E-04	-2.83E-05	-1.90E-03	0.00E+00	0.00E+00	-6.05E-10	-3.13E-08	-1.16E-02	-6.12E-01	0.00E+00	0.00E+00	-6.34E-01	0.00E+00	-4.00E-01	0.00E+00	-1.00E-09	-6.82E-09	-5.94E-04	-2.12E-10	-1.19E-01	0.00E+00	-4.00E-01	-1.05E-05	-4.00E-01	-4.68E-01	-1.19E-01	0.00E+00	0.00E+00	0.00E+00	-2.90E+01
41232045	-3.06E-03	-3.66E-02	-1.30E-04	-3.85E-02	0.00E+00	0.00E+00	-5.22E-01	-2.90E-04	-1.14E-05	-1.69E-03	0.00E+00	0.00E+00	-5.26E-10	-3.15E-08	-3.28E-04	-6.09E-01	0.00E+00	0.00E+00	-6.03E-01	0.00E+00	-3.42E-01	0.00E+00	-3.49E-10	-6.82E-09	-5.49E-04	-2.12E-10	-1.03E-01	0.00E+00	-3.42E-01	-1.03E-05	-3.42E-01	-4.07E-01	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+01
41232089	-3.02E-03	-3.76E-02	-1.94E-04	-3.79E-02	0.00E+00	0.00E+00	-5.18E-01	-2.82E-04	-9.91E-06	-1.70E-03	0.00E+00	0.00E+00	-5.35E-10	-3.09E-08	-2.25E-03	-6.31E-01	0.00E+00	0.00E+00	-6.40E-01	0.00E+00	-3.42E-01	0.00E+00	-5.91E-10	-6.83E-09	-5.52E-04	-2.12E-10	-1.06E-01	0.00E+00	-3.42E-01	-1.05E-05	-3.42E-01	-4.20E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.63E+01
41236084	-4.91E-03	-9.04E-02	-9.83E-04	-7.33E-02	0.00E+00	0.00E+00	-8.41E-01	-2.97E-04	-8.64E-05	-2.41E-03	0.00E+00	-2.27E-06	-8.46E-10	-3.62E-08	-6.62E-02	-7.83E-01	0.00E+00	0.00E+00	-7.61E-01	-8.11E-04	-8.78E-01	0.00E+00	-2.85E-09	-1.04E-08	-7.94E-04	-5.44E-07	-1.78E-01	0.00E+00	-8.78E-01	-1.22E-05	-8.78E-01	-8.99E-01	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-3.42E+01
41236086	-4.62E-03	-8.59E-02	-1.00E-03	-7.27E-02	0.00E+00	0.00E+00	-8.20E-01	-2.99E-04	-8.02E-05	-2.29E-03	0.00E+00	0.00E+00	-8.25E-10	-3.58E-08	-1.06E-02	-5.01E-01	0.00E+00	0.00E+00	-7.62E-01	0.00E+00	-8.11E-01	0.00E+00	-2.42E-09	-9.93E-09	-7.58E-04	-2.12E-10	-1.24E-01	0.00E+00	-8.11E-01	-1.22E-05	-8.11E-01	-8.66E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
41236089	-4.55E-03	-9.26E-02	-1.69E-03	-9.09E-02	0.00E+00	0.00E+00	-1.21E+00	-4.32E-04	-2.42E-04	-3.07E-03	0.00E+00	0.00E+00	-1.03E-09	-5.03E-08	-2.00E-03	-5.03E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-9.73E-01	0.00E+00	-4.65E-09	-1.29E-08	-9.79E-04	0.00E+00	-1.29E-01	0.00E+00	-9.73E-01	-1.64E-05	-9.73E-01	-1.10E+00	-1.29E-01	0.00E+00	0.00E+00	0.00E+00	-4.95E+01
41238982	-4.72E-03	-6.92E-02	-8.63E-04	-5.46E-02	0.00E+00	0.00E+00	-8.26E-01	-2.97E-04	-9.25E-05	-1.83E-03	0.00E+00	0.00E+00	-7.73E-10	-3.74E-08	-9.58E-03	-6.22E-01	0.00E+00	0.00E+00	-7.88E-01	0.00E+00	-7.90E-01	0.00E+00	-2.37E-09	-8.74E-09	-6.95E-04	-2.12E-10	-1.18E-01	0.00E+00	-7.90E-01	-1.20E-05	-7.90E-01	-6.71E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
41238989	-3.98E-03	-7.22E-02	-1.35E-03	-7.08E-02	0.00E+00	0.00E+00	-1.07E+00	-3.83E-04	-1.75E-04	-2.63E-03	0.00E+00	0.00E+00	-9.62E-10	-4.40E-08	-1.61E-03	-4.44E-01	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	-8.68E-01	0.00E+00	-3.80E-09	-1.16E-08	-8.61E-04	0.00E+00	-1.13E-01	0.00E+00	-8.68E-01	-1.46E-05	-8.68E-01	-9.81E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-4.45E+01
41241404	-4.41E-03	-7.77E-02	-5.98E-04	-7.69E-02	0.00E+00	0.00E+00	-5.89E-01	-3.13E-04	-5.80E-05	-2.06E-03	0.00E+00	-2.27E-06	-7.17E-10	-3.15E-08	-5.02E-02	-1.61E+00	0.00E+00	0.00E+00	-6.46E-01	-8.11E-04	-7.63E-01	0.00E+00	-1.35E-09	-9.32E-09	-5.98E-04	-5.18E-07	-2.68E-01	0.00E+00	-7.63E-01	-1.16E-05	-7.63E-01	-8.07E-01	-2.68E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
41241606	-1.63E-03	1.31E-03	1.85E-05	-1.44E-02	0.00E+00	0.00E+00	-4.32E-01	-1.89E-04	1.08E-05	-1.09E-03	0.00E+00	-1.07E-05	-2.47E-10	-1.72E-08	-3.86E-03	-1.48E+00	0.00E+00	0.00E+00	-4.20E-01	-3.85E-03	-2.35E-01	0.00E+00	1.12E-09	-5.35E-09	-2.98E-04	-2.48E-06	-2.43E-01	0.00E+00	-2.35E-01	-6.72E-06	-2.35E-01	-3.59E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
41241909	-1.66E-03	1.03E-03	7.92E-05	-5.45E-03	0.00E+00	0.00E+00	-3.62E-01	-1.85E-04	2.44E-05	-1.09E-03	0.00E+00	0.00E+00	-2.38E-10	-1.71E-08	-3.76E-04	-1.52E+00	0.00E+00	0.00E+00	-4.03E-01	0.00E+00	-1.45E-01	0.00E+00	1.04E-09	-5.35E-09	-2.92E-04	-2.12E-10	-2.33E-01	0.00E+00	-1.45E-01	-6.66E-06	-1.45E-01	-2.87E-01	-2.33E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
41248982	-3.13E-03	-2.98E-02	-2.49E-05	-2.46E-02	0.00E+00	0.00E+00	-4.78E-01	-2.76E-04	-4.82E-07	-1.60E-03	0.00E+00	0.00E+00	-5.04E-10	-3.06E-08	-4.35E-04	-1.49E+00	0.00E+00	0.00E+00	-4.71E-01	0.00E+00	-2.99E-01	0.00E+00	3.57E-10	-6.68E-09	-4.91E-04	-2.12E-10	-2.30E-01	0.00E+00	-2.99E-01	-1.02E-05	-2.99E-01	-3.92E-01	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	-2.57E+01
41248989	-3.13E-03	-2.98E-02	-2.49E-05	-2.46E-02	0.00E+00	0.00E+00	-4.78E-01	-2.76E-04	-4.82E-07	-1.60E-03	0.00E+00	0.00E+00	-5.04E-10	-3.06E-08	-4.35E-04	-1.49E+00	0.00E+00	0.00E+00	-4.71E-01	0.00E+00	-2.99E-01	0.00E+00	3.57E-10	-6.68E-09	-4.91E-04	-2.12E-10	-2.30E-01	0.00E+00	-2.99E-01	-1.02E-05	-2.99E-01	-3.92E-01	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	-2.57E+01
41357003	-3.18E-03	-4.64E-02	-4.69E-05	-3.08E-02	0.00E+00	0.00E+00	-4.78E-01	-2.79E-04	-1.07E-05	-1.75E-03	0.00E+00	0.00E+00	-5.17E-10	-3.31E-08	6.35E-04	-1.31E+00	0.00E+00	0.00E+00	-5.63E-01	0.00E+00	-2.46E-01	0.00E+00	6.92E-11	-6.99E-09	-5.64E-04	-2.12E-10	-1.77E-01	0.00E+00	-2.46E-01	-1.09E-05	-2.46E-01	-3.69E-01	-1.77E-01	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
41357004	-3.19E-03	-4.65E-02	1.08E-04	-3.03E-02	0.00E+00	0.00E+00	-4.83E-01	-2.81E-04	-7.26E-06	-1.73E-03	0.00E+00	0.00E+00	-5.18E-10	-3.30E-08	9.95E-04	-1.31E+00	0.00E+00	0.00E+00	-5.63E-01	0.00E+00	-2.30E-01	0.00E+00	2.01E-10	-6.72E-09	-5.68E-04	-2.12E-10	-1.87E-01	0.00E+00	-2.30E-01	-1.10E-05	-2.30E-01	-3.69E-01	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
41357006	-3.29E-03	-5.09E-02	-4.08E-04	-3.72E-02	0.00E+00	0.00E+00	-6.06E-01	-2.97E-04	-1.57E-05	-2.08E-03	0.00E+00	0.00E+00	-6.80E-10	-3.31E-08	-2.82E-03	-7.73E-01	0.00E+00	0.00E+00	-6.74E-01	0.00E+00	-4.99E-01	0.00E+00	-2.29E-09	-8.18E-09	-6.71E-04	-2.12E-10	-1.20E-01	0.00E+00	-4.99E-01	-1.07E-05	-4.99E-01	-4.43E-01	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-3.20E+01
41357009	-3.15E-03	-4.21E-02	-2.75E-04	-3.93E-02	0.00E+00	0.00E+00	-5.30E-01	-2.79E-04	-1.83E-05	-1.67E-03	0.00E+00	0.00E+00	-6.46E-10	-3.16E-08	-2.34E-03	-7.67E-01	0.00E+00	0.00E+00	-6.49E-01	0.00E+00	-4.19E-01	0.00E+00	-1.62E-09	-7.61E-09	-5.81E-04	-2.12E-10	-1.26E-01	0.00E+00	-4.19E-01	-1.04E-05	-4.19E-01	-4.36E-01	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.87E+01
41392045	-4.92E-03	-5.86E-02	-3.80E-04	-8.25E-02	0.00E+00	0.00E+00	-8.90E-01	-4.83E-04	-7.79E-05	-1.96E-03	0.00E+00	-2.59E-06	-6.25E-10	-5.82E-08	1.50E-03	-3.51E+00	0.00E+00	0.00E+00	-6.62E-01	-9.26E-04	-2.97E-01	0.00E+00	9.22E-11	-9.63E-09	-7.37E-04	-6.44E-07	-5.41E-01	0.00E+00	-2.97E-01	-1.36E-05	-2.97E-01	-1.05E+00	-5.41E-01	0.00E+00	0.00E+00	0.00E+00	-3.13E+01
41392089	-3.81E-03	-3.41E-02	-1.61E-04	-4.14E-02	0.00E+00	0.00E+00	-7.24E-01	-2.91E-04	-5.10E-05	-1.78E-03	0.00E+00	-2.59E-06	-4.61E-10	-3.83E-08	-1.64E-04	-3.05E+00	0.00E+00	0.00E+00	-6.30E-01	-9.26E-04	-6.88E-02	0.00E+00	2.41E-10	-6.47E-09	-6.12E-04	-6.44E-07	-4.17E-01	0.00E+00	-6.88E-02	-9.70E-06	-6.88E-02	-3.40E-01	-4.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
41401606	-4.58E-03	-6.83E-02	-1.68E-04	-5.20E-02	0.00E+00	0.00E+00	-5.27E-01	-3.85E-04	-3.53E-05	-1.25E-03	0.00E+00	-2.59E-06	-6.00E-10	-4.42E-08	1.97E-03	-3.35E+00	0.00E+00	0.00E+00	-5.21E-01	-9.26E-04	-9.23E-02	0.00E+00	-9.01E-11	-8.57E-09	-4.65E-04	-6.44E-07	-4.95E-01	0.00E+00	-9.23E-02	-9.18E-06	-9.23E-02	-2.51E-01	-4.95E-01	0.00E+00	0.00E+00	0.00E+00	-2.90E+01
41401909	-3.42E-03	3.00E-03	-9.92E-05	-1.52E-02	0.00E+00	0.00E+00	-8.40E-01	-2.42E-04	2.06E-05	-1.13E-03	0.00E+00	-2.59E-06	-2.17E-10	-2.65E-08	3.04E-04	-3.36E+00	0.00E+00	0.00E+00	-4.44E-01	-9.26E-04	-4.85E-02	0.00E+00	7.63E-10	-6.66E-09	-3.69E-04	-6.44E-07	-4.87E-01	0.00E+00	-4.85E-02	-7.07E-06	-4.85E-02	-2.24E-01	-4.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+01
41406086	-5.22E-03	-2.55E-02	-1.78E-04	-4.23E-02	0.00E+00	0.00E+00	-9.67E-01	-2.98E-04	-8.77E-06	-1.52E-03	0.00E+00	-2.59E-06	-4.15E-10	-3.45E-08	-7.92E-05	-3.39E+00	0.00E+00	0.00E+00	-5.39E-01	-9.26E-04	-1.72E-01	0.00E+00	2.36E-10	-7.77E-09	-5.08E-04	-6.44E-07	-4.81E-01	0.00E+00	-1.72E-01	-9.53E-06	-1.72E-01	-4.17E-01	-4.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
41406089	-5.19E-03	-2.54E-02	-1.75E-04	-4.29E-02	0.00E+00	0.00E+00	-9.55E-01	-2.99E-04	-4.73E-06	-1.42E-03	0.00E+00	-2.59E-06	-4.14E-10	-3.43E-08	-9.20E-05	-3.33E+00	0.00E+00	0.00E+00	-5.26E-01	-9.26E-04	-1.50E-01	0.00E+00	2.57E-10	-7.75E-09	-5.11E-04	-6.44E-07	-4.81E-01	0.00E+00	-1.50E-01	-9.42E-06	-1.50E-01	-4.00E-01	-4.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
41407006	-5.25E-03	-2.45E-02	-1.33E-04	-4.21E-02	0.00E+00	0.00E+00	-9.72E-01	-2.88E-04	1.07E-06	-1.39E-03	0.00E+00	-2.59E-06	-4.14E-10	-3.42E-08	1.43E-04	-3.34E+00	0.00E+00	0.00E+00	-5.47E-01	-9.26E-04	-1.01E-01	0.00E+00	2.59E-10	-7.57E-09	-4.76E-04	-6.44E-07	-4.84E-01	0.00E+00	-1.01E-01	-9.42E-06	-1.01E-01	-3.80E-01	-4.84E-01	0.00E+00	0.00E+00	0.00E+00	-2.08E+01
41407009	-5.48E-03	-8.29E-02	-6.59E-04	-1.06E-01	0.00E+00	0.00E+00	-1.05E+00	-5.09E-04	-1.04E-04	-1.87E-03	0.00E+00	-2.59E-06	-7.19E-10	-6.13E-08	-5.01E-04	-4.17E+00	0.00E+00	0.00E+00	-6.43E-01	-9.26E-04	-3.67E-01	0.00E+00	-8.94E-10	-1.08E-08	-8.02E-04	-6.44E-07	-6.30E-01	0.00E+00	-3.67E-01	-1.38E-05	-3.67E-01	-1.41E+00	-6.30E-01	0.00E+00	0.00E+00	0.00E+00	-3.11E+01
41408982	-5.19E-03	-2.54E-02	-1.80E-04	-4.39E-02	0.00E+00	0.00E+00	-9.67E-01	-2.99E-04	-5.58E-06	-1.43E-03	0.00E+00	-2.59E-06	-4.14E-10	-3.43E-08	-9.23E-05	-3.33E+00	0.00E+00	0.00E+00	-5.26E-01	-9.26E-04	-1.56E-01	0.00E+00	2.36E-10	-7.75E-09	-5.11E-04	-6.44E-07	-4.81E-01	0.00E+00	-1.56E-01	-9.42E-06	-1.56E-01	-4.00E-01	-4.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
41408989	-5.22E-03	-2.55E-02	-1.83E-04	-4.23E-02	0.00E+00	0.00E+00	-9.67E-01	-2.98E-04	-8.77E-06	-1.50E-03	0.00E+00	-2.59E-06	-4.09E-10	-3.45E-08	-1.57E-05	-3.39E+00	0.00E+00	0.00E+00	-5.38E-01	-9.26E-04	-1.72E-01	0.00E+00	2.36E-10	-7.77E-09	-5.04E-04	-6.44E-07	-4.81E-01	0.00E+00	-1.72E-01	-9.53E-06	-1.72E-01	-4.17E-01	-4.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
41428989	-3.18E-03	-6.92E-02	-5.58E-04	-2.66E-02	0.00E+00	0.00E+00	-3.90E-01	-1.80E-04	-3.74E-06	-1.68E-03	0.00E+00	0.00E+00	-6.58E-10	-2.48E-08	-9.72E-03	-8.65E-01	0.00E+00	0.00E+00	-6.26E-01	0.00E+00	-4.76E-01	0.00E+00	-1.49E-09	-7.14E-09	-4.24E-04	-2.12E-10	-1.74E-01	0.00E+00	-4.76E-01	-7.62E-06	-4.76E-01	-2.87E-01	-1.74E-01	0.00E+00	0.00E+00	0.00E+00	-2.85E+01
41429909	-1.93E-03	-1.81E-02	-3.33E-04	-1.52E-02	0.00E+00	0.00E+00	-4.78E-01	-1.83E-04	-3.82E-05	-1.37E-03	0.00E+00	0.00E+00	-3.80E-10	-1.96E-08	-4.81E-03	-1.50E+00	0.00E+00	0.00E+00	-6.32E-01	0.00E+00	-3.20E-01	0.00E+00	-5.32E-10	-7.97E-09	-4.21E-04	-2.12E-10	-2.77E-01	0.00E+00	-3.20E-01	-7.26E-06	-3.20E-01	-3.05E-01	-2.77E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
41431404	-3.10E-03	-3.70E-02	-3.75E-04	-4.14E-02	0.00E+00	0.00E+00	-5.39E-01	-2.83E-04	5.90E-06	-1.90E-03	0.00E+00	0.00E+00	-5.54E-10	-3.09E-08	-4.45E-03	-8.26E-01	0.00E+00	0.00E+00	-5.82E-01	0.00E+00	-4.05E-01	0.00E+00	-6.57E-10	-6.26E-09	-5.18E-04	-2.12E-10	-1.35E-01	0.00E+00	-4.05E-01	-1.02E-05	-4.05E-01	-4.52E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
41431606	-6.89E-03	-1.18E-01	-2.08E-03	-1.16E-01	0.00E+00	0.00E+00	-1.41E+00	-4.20E-04	-2.51E-04	-3.15E-03	0.00E+00	-1.88E-05	-1.02E-09	-4.89E-08	-5.90E-03	-1.16E+00	0.00E+00	0.00E+00	-1.16E+00	-6.71E-03	-1.41E+00	0.00E+00	-4.73E-09	-1.33E-08	-1.00E-03	-4.42E-06	-2.33E-01	0.00E+00	-1.41E+00	-1.60E-05	-1.41E+00	-1.64E+00	-2.33E-01	0.00E+00	0.00E+00	0.00E+00	-4.90E+01
41431909	-3.05E-03	-3.51E-02	-8.51E-05	-2.37E-02	0.00E+00	0.00E+00	-5.50E-01	-2.53E-04	4.10E-08	-1.50E-03	0.00E+00	0.00E+00	-4.62E-10	-2.73E-08	-9.36E-04	-9.19E-01	0.00E+00	0.00E+00	-5.69E-01	0.00E+00	-3.60E-01	0.00E+00	-2.84E-10	-5.87E-09	-4.93E-04	-2.12E-10	-1.40E-01	0.00E+00	-3.60E-01	-9.53E-06	-3.60E-01	-3.51E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-2.15E+01

41431912	-3.18E-03	-3.70E-02	-3.98E-04	-5.77E-02	0.00E+00	0.00E+00	-7.06E-01	-2.89E-04	-4.60E-05	-1.70E-03	0.00E+00	-1.76E-05	-5.97E-10	-3.12E-08	-8.60E-03	-6.91E-01	0.00E+00	0.00E+00	-6.67E-01	-6.28E-03	-6.40E-01	0.00E+00	-1.49E-09	-7.60E-09	-5.79E-04	-4.19E-06	-1.27E-01	0.00E+00	-6.40E-01	-1.04E-05	-6.40E-01	-6.25E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
41431913	-3.05E-03	-3.13E-02	-1.57E-04	-3.95E-02	0.00E+00	0.00E+00	-5.15E-01	-2.72E-04	1.30E-05	-1.55E-03	0.00E+00	0.00E+00	-5.34E-10	-3.01E-08	-4.89E-03	-6.60E-01	0.00E+00	0.00E+00	-5.73E-01	0.00E+00	-3.96E-01	0.00E+00	-6.16E-10	-6.29E-09	-5.03E-04	-2.12E-10	-1.13E-01	0.00E+00	-3.96E-01	-9.55E-06	-3.96E-01	-4.36E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
41431914	-3.18E-03	-3.60E-02	-3.96E-04	-5.82E-02	0.00E+00	0.00E+00	-7.13E-01	-2.86E-04	-2.99E-05	-1.69E-03	0.00E+00	-1.75E-05	-5.96E-10	-3.10E-08	-9.95E-03	-6.81E-01	0.00E+00	0.00E+00	-6.49E-01	-6.26E-03	-6.38E-01	0.00E+00	-1.61E-09	-7.64E-09	-5.80E-04	-4.18E-06	-1.27E-01	0.00E+00	-6.38E-01	-9.96E-06	-6.38E-01	-6.09E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
41432045	9.28E-05	2.77E-02	2.04E-03	2.57E-02	0.00E+00	0.00E+00	4.37E-01	-3.59E-05	2.53E-04	1.37E-04	0.00E+00	0.00E+00	4.38E-11	-8.68E-10	2.60E-03	-3.01E-01	0.00E+00	0.00E+00	3.17E-01	0.00E+00	5.36E-01	0.00E+00	4.13E-09	1.27E-09	5.37E-05	0.00E+00	2.05E-03	0.00E+00	5.36E-01	-1.23E-06	5.36E-01	5.38E-01	2.05E-03	0.00E+00	0.00E+00	0.00E+00	1.10E+01
41432089	-2.89E-03	-6.55E-02	-7.93E-04	-6.47E-02	0.00E+00	0.00E+00	-7.93E-01	-2.92E-04	-6.84E-05	-1.98E-03	0.00E+00	0.00E+00	-8.40E-10	-3.27E-08	-9.95E-04	-6.89E-01	0.00E+00	0.00E+00	-8.32E-01	0.00E+00	-7.13E-01	0.00E+00	-2.87E-09	-9.52E-09	-6.77E-04	0.00E+00	-1.40E-01	0.00E+00	-7.13E-01	-8.88E-06	-7.13E-01	-8.54E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-3.56E+01
41436012	-3.12E-03	-2.41E-02	2.17E-04	-2.57E-02	0.00E+00	0.00E+00	-5.14E-01	-2.77E-04	-3.62E-06	-1.65E-03	0.00E+00	0.00E+00	-4.96E-10	-3.14E-08	-9.86E-05	-3.85E-01	0.00E+00	0.00E+00	-5.29E-01	0.00E+00	-2.44E-01	0.00E+00	1.58E-10	-6.01E-09	-5.26E-04	-2.12E-10	-6.38E-02	0.00E+00	-2.44E-01	-1.06E-05	-2.44E-01	-3.20E-01	-6.38E-02	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
41436013	-3.20E-03	-3.08E-02	-1.95E-05	-2.88E-02	0.00E+00	0.00E+00	-5.70E-01	-2.74E-04	-1.55E-05	-1.68E-03	0.00E+00	0.00E+00	-5.32E-10	-3.21E-08	-1.36E-03	-3.98E-01	0.00E+00	0.00E+00	-6.19E-01	0.00E+00	-3.34E-01	0.00E+00	-8.21E-11	-7.01E-09	-5.26E-04	-2.12E-10	-7.01E-02	0.00E+00	-3.34E-01	-1.07E-05	-3.34E-01	-3.84E-01	-7.01E-02	0.00E+00	0.00E+00	0.00E+00	-2.34E+01
41436014	-4.29E-03	-6.06E-02	-6.68E-04	-6.84E-02	0.00E+00	0.00E+00	-8.05E-01	-3.54E-04	-4.37E-05	-1.90E-03	0.00E+00	0.00E+00	-7.11E-10	-3.99E-08	-9.55E-03	-5.07E-01	0.00E+00	0.00E+00	-6.50E-01	0.00E+00	-7.21E-01	0.00E+00	-1.49E-09	-9.35E-09	-6.43E-04	-2.12E-10	-1.05E-01	0.00E+00	-7.21E-01	-1.23E-05	-7.21E-01	-7.48E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.58E+01
41436084	-3.71E-03	-3.53E-02	-1.53E-04	-2.74E-02	0.00E+00	0.00E+00	-5.43E-01	-2.90E-04	-2.45E-05	-2.12E-03	0.00E+00	-2.27E-06	-5.77E-10	-3.26E-08	-5.95E-02	-6.64E-01	0.00E+00	0.00E+00	-5.57E-01	-8.11E-04	-2.86E-01	0.00E+00	-4.52E-10	-6.84E-09	-6.30E-04	-4.99E-07	-1.17E-01	0.00E+00	-2.86E-01	-1.13E-05	-2.86E-01	-3.23E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
41436086	-1.44E-03	-6.45E-02	-5.18E-04	-6.40E-02	0.00E+00	0.00E+00	-4.18E-01	-1.46E-04	6.41E-05	-1.38E-03	0.00E+00	0.00E+00	-6.58E-10	-1.49E-08	-9.79E-04	-2.04E-01	0.00E+00	0.00E+00	-5.39E-01	0.00E+00	-6.38E-01	0.00E+00	-2.62E-09	-6.99E-09	-4.86E-04	0.00E+00	-5.50E-02	0.00E+00	-6.38E-01	-8.09E-06	-6.38E-01	-6.93E-01	-5.50E-02	0.00E+00	0.00E+00	0.00E+00	-2.26E+01
41436089	-9.71E-04	3.58E-02	1.55E-03	3.42E-02	0.00E+00	0.00E+00	1.68E-01	-1.27E-04	1.49E-04	-3.88E-04	0.00E+00	0.00E+00	-7.53E-11	-1.22E-08	2.12E-03	-4.02E-02	0.00E+00	0.00E+00	9.77E-02	0.00E+00	4.15E-01	0.00E+00	3.55E-09	-6.31E-10	-1.02E-04	0.00E+00	3.24E-02	0.00E+00	4.15E-01	-6.99E-06	4.15E-01	4.47E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	2.14E+00
41438912	-3.06E-03	-2.33E-02	1.55E-04	-2.59E-02	0.00E+00	0.00E+00	-5.26E-01	-2.81E-04	-1.71E-05	-1.68E-03	0.00E+00	0.00E+00	-5.09E-10	-3.10E-08	-1.28E-04	-4.10E-01	0.00E+00	0.00E+00	-5.56E-01	0.00E+00	-2.71E-01	0.00E+00	1.52E-10	-6.05E-09	-5.34E-04	-2.12E-10	-6.48E-02	0.00E+00	-2.71E-01	-1.04E-05	-2.71E-01	-3.26E-01	-6.48E-02	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
41438913	-4.24E-03	-6.08E-02	-5.98E-04	-6.72E-02	0.00E+00	0.00E+00	-7.88E-01	-3.55E-04	-5.81E-05	-2.08E-03	0.00E+00	0.00E+00	-7.07E-10	-4.06E-08	-1.04E-02	-5.73E-01	0.00E+00	0.00E+00	-6.32E-01	0.00E+00	-6.95E-01	0.00E+00	-1.51E-09	-9.26E-09	-6.84E-04	-2.12E-10	-1.03E-01	0.00E+00	-6.95E-01	-1.26E-05	-6.95E-01	-7.03E-01	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.64E+01
41438914	-3.23E-03	-2.96E-02	2.34E-05	-2.59E-02	0.00E+00	0.00E+00	-5.65E-01	-2.83E-04	-3.77E-05	-1.93E-03	0.00E+00	0.00E+00	-5.50E-10	-3.32E-08	-4.86E-03	-4.38E-01	0.00E+00	0.00E+00	-6.05E-01	0.00E+00	-3.35E-01	0.00E+00	-1.26E-09	-7.30E-09	-6.07E-04	-2.12E-10	-6.78E-02	0.00E+00	-3.35E-01	-1.14E-05	-3.35E-01	-3.60E-01	-6.78E-02	0.00E+00	0.00E+00	0.00E+00	-2.46E+01
41438982	-3.01E-03	-3.03E-02	-1.57E-04	-2.50E-02	0.00E+00	0.00E+00	-5.23E-01	-2.66E-04	-3.76E-05	-1.66E-03	0.00E+00	0.00E+00	-4.71E-10	-2.81E-08	-4.62E-03	-4.09E-01	0.00E+00	0.00E+00	-6.83E-01	0.00E+00	-3.26E-01	0.00E+00	-1.11E-09	-6.69E-09	-5.89E-04	-2.12E-10	-6.44E-02	0.00E+00	-3.26E-01	-1.09E-05	-3.26E-01	-3.02E-01	-6.44E-02	0.00E+00	0.00E+00	0.00E+00	-2.57E+01
41438989	-4.31E-03	-5.99E-02	-5.78E-04	-6.28E-02	0.00E+00	0.00E+00	-7.94E-01	-3.64E-04	-6.70E-05	-2.02E-03	0.00E+00	0.00E+00	-1.05E-09	-4.17E-08	-1.66E-02	-5.70E-01	0.00E+00	0.00E+00	-6.12E-01	0.00E+00	-6.18E-01	0.00E+00	-7.99E-10	-8.87E-09	-7.50E-04	-2.12E-10	-1.15E-01	0.00E+00	-6.18E-01	-1.47E-05	-6.18E-01	-5.79E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-2.54E+01
414520	-2.93E-03	4.73E-04	5.98E-04	-1.24E-04	0.00E+00	0.00E+00	-4.21E-01	-3.10E-04	-5.21E-05	-1.52E-03	0.00E+00	0.00E+00	-3.26E-10	-3.49E-08	1.15E-03	-1.98E-01	0.00E+00	0.00E+00	-3.55E-01	0.00E+00	1.23E-01	0.00E+00	1.50E-09	-4.48E-09	-4.30E-04	0.00E+00	-2.01E-02	0.00E+00	1.23E-01	-9.14E-06	1.23E-01	1.03E-01	-2.01E-02	0.00E+00	0.00E+00	0.00E+00	-1.69E+01
41452045	-2.30E-03	-1.55E-02	7.29E-04	-1.74E-02	0.00E+00	0.00E+00	-6.03E-01	-1.44E-04	-1.88E-05	-1.54E-03	0.00E+00	-4.65E-10	-3.62E-10	-2.45E-08	-8.16E-02	-5.72E-01	0.00E+00	0.00E+00	-3.88E-01	0.00E+00	-2.36E-01	0.00E+00	5.89E-10	-4.42E-09	-3.22E-04	-2.09E-10	-8.70E-02	0.00E+00	-2.36E-01	-1.01E-05	-2.36E-01	-2.83E-01	-8.70E-02	0.00E+00	0.00E+00	0.00E+00	-2.05E+01
41452089	-3.05E-03	-3.03E-02	3.46E-04	-3.56E-02	0.00E+00	0.00E+00	-6.35E-01	-2.65E-04	-7.38E-05	-1.06E-03	0.00E+00	-4.65E-10	-3.76E-10	-3.18E-08	-6.77E-02	-6.54E-01	0.00E+00	0.00E+00	-3.05E-01	0.00E+00	-2.08E-01	0.00E+00	-1.35E-10	-4.63E-09	-3.91E-04	-2.09E-10	-7.74E-02	0.00E+00	-2.08E-01	-8.77E-06	-2.08E-01	-3.29E-01	-7.74E-02	0.00E+00	0.00E+00	0.00E+00	-1.66E+01
414521	-5.89E-04	3.36E-02	1.41E-03	3.22E-02	0.00E+00	0.00E+00	1.79E-01	-9.03E-05	1.86E-04	-2.21E-04	0.00E+00	0.00E+00	-4.17E-11	-7.77E-09	1.79E-03	-1.74E-02	0.00E+00	0.00E+00	1.19E-01	0.00E+00	3.64E-01	0.00E+00	3.12E-09	-1.61E-10	-5.29E-05	0.00E+00	3.16E-02	0.00E+00	3.64E-01	-5.68E-06	3.64E-01	3.95E-01	3.16E-02	0.00E+00	0.00E+00	0.00E+00	3.45E+00
41491404	-3.55E-03	-4.57E-02	-6.20E-04	-4.77E-02	0.00E+00	0.00E+00	-5.39E-01	-2.88E-04	-3.50E-05	-1.80E-03	0.00E+00	-2.27E-06	-6.00E-10	-3.11E-08	-5.00E-02	-1.01E+00	0.00E+00	0.00E+00	-6.63E-01	-8.11E-04	-4.59E-01	0.00E+00	-9.96E-10	-7.32E-09	-5.79E-04	-5.30E-07	-1.63E-01	0.00E+00	-4.59E-01	-1.08E-05	-4.59E-01	-4.83E-01	-1.63E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
41491606	-3.06E-03	-4.28E-02	-5.03E-04	-6.09E-02	0.00E+00	0.00E+00	-6.38E-01	-2.89E-04	-1.63E-05	-1.71E-03	0.00E+00	-1.96E-05	-5.83E-10	-3.16E-08	-6.25E-03	-7.40E-01	0.00E+00	0.00E+00	-6.16E-01	-7.05E-03	-6.07E-01	0.00E+00	-5.08E-10	-6.84E-09	-5.69E-04	-4.58E-06	-1.27E-01	0.00E+00	-6.07E-01	-1.03E-05	-6.07E-01	-6.09E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+01
41491909	-3.08E-03	-5.27E-02	-6.24E-04	-4.94E-02	0.00E+00	0.00E+00	-6.01E-01	-2.97E-04	-4.13E-05	-1.90E-03	0.00E+00	0.00E+00	-6.25E-10	-3.17E-08	-8.38E-03	-7.42E-01	0.00E+00	0.00E+00	-7.23E-01	0.00E+00	-5.32E-01	0.00E+00	-2.44E-09	-8.38E-09	-6.64E-04	-2.12E-10	-1.24E-01	0.00E+00	-5.32E-01	-1.09E-05	-5.32E-01	-5.36E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-3.02E+01
41496084	-3.55E-03	-3.60E-02	-6.63E-05	-3.06E-02	0.00E+00	0.00E+00	-5.14E-01	-2.82E-04	-1.24E-05	-1.81E-03	0.00E+00	-2.27E-06	-5.57E-10	-3.27E-08	-6.06E-02	-6.78E-01	0.00E+00	0.00E+00	-5.71E-01	-8.11E-04	-3.27E-01	0.00E+00	-7.43E-11	-6.84E-09	-5.83E-04	-5.44E-07	-1.22E-01	0.00E+00	-3.27E-01	-1.11E-05	-3.27E-01	-3.42E-01	-1.22E-01	0.00E+00	0.00E+00	0.00E+00	-2.47E+01
41496086	-5.94E-03	-9.35E-02	-1.05E-03	-7.67E-02	0.00E+00	0.00E+00	-9.27E-01	-3.40E-04	-9.05E-05	-2.19E-03	0.00E+00	-2.59E-06	-8.46E-10	-4.37E-08	-7.99E-03	-1.24E+00	0.00E+00	0.00E+00	-7.66E-01	-9.26E-04	-8.60E-01	0.00E+00	-2.93E-09	-1.09E-08	-7.86E-04	-6.27E-07	-1.42E-01	0.00E+00	-8.60E-01	-1.25E-05	-8.60E-01	-8.78E-01	-1.42E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
41496089	-3.16E-03	-5.30E-02	-3.01E-04	-3.49E-02	0.00E+00	0.00E+00	-5.76E-01	-2.94E-04	-4.83E-05	-1.87E-03	0.00E+00	0.00E+00	-5.85E-10	-3.45E-08	-5.16E-03	-4.35E-01	0.00E+00	0.00E+00	-6.83E-01	0.00E+00	-4.26E-01	0.00E+00	-1.42E-09	-7.77E-09	-6.23E-04	-2.12E-10	-6.93E-02	0.00E+00	-4.26E-01	-1.14E-05	-4.26E-01	-4.25E-01	-6.93E-02	0.00E+00	0.00E+00	0.00E+00	-2.88E+01
41498982	-3.12E-03	-3.07E-02	-2.37E-05	-2.88E-02	0.00E+00	0.00E+00	-5.28E-01	-2.81E-04	-2.33E-05	-1.75E-03	0.00E+00	0.00E+00	-5.38E-10	-3.16E-08	-8.37E-04	-4.42E-01	0.00E+00	0.00E+00	-6.03E-01	0.00E+00	-3.07E-01	0.00E+00	-6.58E-11	-6.82E-09	-5.65E-04	-2.12E-10	-7.35E-02	0.00E+00	-3.07E-01	-1.10E-05	-3.07E-01	-3.46E-01	-7.35E-02	0.00E+00	0.00E+00	0.00E+00	-2.62E+01
41498989	-3.14E-03	-3.03E-02	-3.57E-05	-2.92E-02	0.00E+00	0.00E+00	-5.28E-01	-2.81E-04	-2.57E-05	-1.75E-03	0.00E+00	0.00E+00	-5.39E-10	-3.16E-08	-1.15E-03	-4.39E-01	0.00E+00	0.00E+00	-6.05E-01	0.00E+00	-3.07E-01	0.00E+00	3.21E-11	-6.87E-09	-5.73E-04	-2.12E-10	-7.26E-02	0.00E+00	-3.07E-01	-1.10E-05	-3.07E-01	-3.46E-01	-7.26E-02	0.00E+00	0.00E+00	0.00E+00	-2.63E+01
41516013	-3.27E-03	-2.85E-02	6.19E-05	-4.11E-02	0.00E+00	0.00E+00	-4.98E-01	-2.68E-04	-1.22E-05	-1.74E-03	0.00E+00	-2.16E-07	-4.83E-10	-3.26E-08	-1.48E-03	-1.58E+00	0.00E+00	0.00E+00	-6.05E-01	-7.72E-05	-3.17E-01	0.00E+00	1.48E-09	-6.68E-09	-5.02E-04	-5.10E-08	-3.16E-01	0.00E+00	-3.17E-01	-1.07E-05	-3.17E-01	-5.96E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
41516014	-3.49E-03	-4.92E-02	-2.21E-05	-4.26E-02	0.00E+00	0.00E+00	-5.56E-01	-2.68E-04	-2.70E-05	-1.83E-03	0.00E+00	-1.69E-05	-4.99E-10	-3.34E-08	-2.77E-03	-1.00E+00	0.00E+00	0.00E+00	-6.16E-01	-6.03E-03	-4.33E-01	0.00E+00	1.48E-10	-6.91E-09	-5.37E-04	-3.89E-06	-1.97E-01	0.00E+00	-4.33E-01	-1.09E-05	-4.33E-01	-5.62E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
41516015	-3.37E-03	-3.79E-02	2.69E-05	-4.98E-02	0.00E+00	0.00E+00	-5.80E-01	-2.79E-04	-3.93E-05	-1.86E-03	0.00E+00	-2.16E-07	-5.14E-10	-3.32E-08	-8.76E-04	-1.57E+00	0.00E+00	0.00E+00	-6.87E-01	-7.72E-05	-4.24E-01	0.00E+00	1.29E-09	-7.30E-09	-5.34E-04	-5.10E-08	-3.28E-01	0.00E+00	-4.24E-01	-1.09E-05	-4.24E-01	-6.89E-01	-3.28E-01	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
41516024	-5.16E-03	-9.83E-02	-9.38E-04	-9.89E-02	0.00E+00	0.00E+00	-9.24E-01	-2.92E-04	-1.17E-04	-2.22E-03	0.00E+00	-1.67E-05	-8.61E-10	-3.72E-08	-7.28E-03	-1.08E+00	0.00E+00	0.00E+00	-8.06E-01	-5.95E-03	-1.02E+00	0.00E+00	-2.76E-09	-1.07E-08	-8.12E-04	-3.84E-06	-2.61E-01	0.00E+00	-1.02E+00	-1.26E-05	-1.02E+00	-1.14E+00	-2.61E-01	0.00E+00	0.00E+00	0.00E+00	-3.26E+01
41517113	-3.14E-03	-4.29E-02	-8.12E-05	-5.48E-02	0.00E+00	0.00E+00	-6.25E-01	-2.73E-04	-4.80E-05	-2.00E-03	0.00E+00	0.00E+00	-4.97E-10	-3.38E-08	-2.01E-03	-1.59E+00	0.00E+00	0.00E+00	-6.65E-01	0.00E+00	-3.82E-01	0.00E+00	-8.35E-10	-7.74E-09	-5.92E-04	-2.12E-10	-3.16E-01	0.00E+00	-3.82E-01	-1.10E-05	-3.82E-01	-6.70E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
41517115	-3.15E-03	-3.98E-02	-6.39E-05	-5.91E-02	0.00E+00	0.00E+00	-6.54E-01	-2.79E-04	-4.86E-05	-1.95E-03	0.00E+00	-1.70E-05	-5.16E-10	-3.43E-08	-2.70E-03	-1.57E+00	0.00E+00	0.00E+00	-6.69E-01	-6.07E-03	-5.15E-01	0.00E+00	1.53E-09	-7.29E-09	-5.48E-04	-3.94E-06	-3.26E-01	0.00E+00	-5.15E-01	-1.11E-05	-5.15E-01	-7.56E-01	-3.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
41517124	-6.33E-03	-7.44E-02	-6.47E-04	-9.58E-02	0.00E+00	0.00E+00	-9.51E-01	-3.09E-04	-1.30E-04	-2.26E-03	0.00E+00	-1.69E-05	-8.97E-10	-3.77E-08	-7.97E-03	-1.62E+00	0.00E+00	0.00E+00	-6.63E-01	-6.03E-03	-9.29E-01	0.00E+00	-2.40E-09	-1.08E-08	-7.80E-04	-3.91E-06	-3.61E-01	0.00E+00	-9.29E-01	-1.24E-05	-9.29E-01	-1.32E+00	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	-3.16E+01
41631909	-3.08E-03	-4.88E-02	-2.71E-04	-4.35E-02	0.00E+00	0.00E+00	-5.43E-01	-2.85E-04	-1.62E-05	-1.89E-03	0.00E+00	0.00E+00	-5.38E-10	-3.12E-08	-2.78E-03	-1.30E+00	0.00E+00	0.00E+00	-5.47E-01	0.00E+00	-3.27E-01	0.00E+00	-5.67E-10	-7.00E-09	-5.77E-04	-2.12E-10	-2.26E-01	0.00E+00	-3.27E-01	-1.08E-05	-3.27E-01	-4.70E-01	-2.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.91E+01
41636086	-3.86E-03	-5.43E-02	-3.24E-04	-5.24E-02	0.00E+00	0.00E+00	-6.70E-01	-3.28E-04	-2.41E-05	-2.13E-03	0.00E+00	-1.40E-05	-5.48E-10	-3.90E-08	-3.57E-03	-2.23E+00	0.00E+00	0.00E+00	-6.62E-01	-5.03E-03	-3.93E-01	0.00E+00	7.79E-11	-7.40E-09	-5.87E-04	-3.19E-06	-3.00E-01	0.00E+00	-3.93E-01	-1.11E-05	-3.93E-01	-6.10E-01	-3.00E-01	0.00E+00	0.00E+00	0.00E+00	-3.02E+01
41636089	-4.67E-03	-6.58E-02	-2.57E-04	-1.04E-01	0.00E+00	0.00E+00	-6.53E-01	-3.44E-04	-4.91E-05	-1.78E-03	0.00E+00	0.00E+00	-8.07E-10	-3.70E-08	-3.93E-03	-1.97E+00	0.00E+00	0.00E+00	-6.38E-01	0.00E+00	-4.64E-01	0.00E+00	-1.26E-09	-1.06E-08	-7.06E-04	-2.12E-10	-3.74E-01	0.00E+00	-4.64E-01	-1.18E-05	-4.64E-01	-9.88E-01	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	-3.18E+01
41637006	-5.23E-03	-1.14E-01	-1.01E-03	-1.34E-01	0.00E+00	0.00E+00	-8.82E-01	-3.26E-04	-1.12E-04	-2.43E-03	0.00E+00	-2.27E-06	-9.50E-10	-3.61E-08	-4.90E-02	-1.78E+00	0.00E+00	0.00E+00	-7.87E-01	-8.11E-04	-1.03E+00	0.00E+00	-3.05E-09	-1.18E-08	-7.47E-04	-5.25E-07	-3.58E-01	0.00E+00	-1.03E+00	-1.22E-05	-1.03E+00	-1.27E+00	-3.58E-01	0.00E+00	0.00E+00	0.00E+00	-3.50E+01
41637009	-3.10E-03	-5.36E-02	-1.89E-04	-4.40E-02	0.00E+00	0.00E+00	-5.22E-01	-2.74E-04	-2.44E-07	-1.95E-03	0.00E+00	0.00E+00	-5.18E-10	-3.21E-08	-6.42E-04	-1.78E+00	0.00E+00	0.00E+00	-5.77E-01	0.00E+00	-3.04E-01	0.00E+00	-2.30E-10	-6.74E-09	-5.39E-04	-2.12E-10	-2.62E-01	0.00E+00	-3.04E-01	-1.07E-05	-3.04E-01	-5.21E-01	-2.62E-01	0.00E+00	0.00E+00	0.00E+00	-2.76E+01
41638982	-1.49E-03	-7.22E-03	-6.80E-05	-8.05E-04	0.00E+00	0.00E+00	-3.86E-01	-1.73E-04	1.60E-05	-1.50E-03	0.00E+00	0.00E+00	-2.55E-10	-1.83E-08	-7.56E-06	-1.35E+00	0.00E+00	0.00E+00	-4.61E-01	0.00E+00	-8.25E-02	0.00E+00	8.63E-10	-5.41E-09	-3.57E-04	-2.12E-10	-1.83E-01	0.00E+00	-8.25E-02	-6.97E-06	-8.25E-02	-2.03E-01	-1.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
41638989	-1.40E-03	-7.79E-03	2.27E-05	-1.40E-04	0.00E+00	0.00E+00	-3.82E-01	-1.76E-04	2.59E-05	-1.43E-03	0.00E+00	0.00E+00	-2.47E-10	-1.91E-08	-9.92E-04	-1.49E+00	0.00E+00	0.00E+00	-4.77E-01	0.00E+00	-1.59E-03	0.00E+00	8.95E-10	-5.24E-09	-3.58E-04	-2.12E-10	-2.14E-01	0.00E+00	-1.59E-03	-7.07E-06	-1.59E-03	-1.68E-01	-2.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
41661909	-2.07E-03	-3.96E-02	-2.63E-04	-4.26E-02	0.00E+00	0.00E+00	-4.01E-01	-1.88E-04	-9.76E-06	-1.07E-03	0.00E+00	-2.27E-06	-2.99E-10	-1.86E-08	-4.49E-02	-9.83E-01	0.00E+00	0.00E+00	-3.68E-01	-8.11E-04	-3.08E-01	0.00E+00	-7.82E-11	-4.35E-09	-3.80E-04	-4.99E-07	-1.64E-01	0.00E+00	-3.08E-01	-6.33E-06	-3.08E-01	-3.96E-01	-1.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+01
41666084	-2.15E-03	-4.17E-02	-2.89E-04	-5.42E-02	0.00E+00	0.00E+00	-4.27E-01	-1.96E-04	-1.30E-05	-1.12E-03	0.00E+00	-1.04E-05	-3.28E-10	-1.90E-08	-4.52E-02	-1.00E+00	0.00E+00	0.00E+00	-3.80E-01	-3.73E-03	-4.33E-01	0.00E+00	3.34E-11	-4.47E-09	-3.90E-04	-2.42E-06	-1.70E-01	0.00E+00	-4.33E-01	-6.53E-06	-4.33E-01	-4.84E-01	-1.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.74E+01
41666086	-2.79E-03	-3.56E-02	-2.50E-04	-5.30E-02	0.00E+00	0.00E+00	-5.13E-01	-2.10E-04	-3.36E-06	-1.14E-03	0.00E+00	-1.05E-05	-3.26E-10	-2.36E-08	-1.02E-02	-1.49E+00	0.00E+00	0.00E+00	-4.43E-01	-3.76E-03	-4.37E-01	0.00E+00	3.13E-10	-4.96E-09	-3.73E-04	-2.46E-06	-1.75E-01	0.00E+00	-4.37E-01	-6.60E-06	-4.37E-01	-5.24E-01	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.74E+01
41666089	-1.74E-03	-3.34E-02	-1.68E-04	-3.93E-02	0.00E+00	0.00E+00	-3.83E-01	-1.92E-04	-1.77E-06	-1.08E-03	0.00E+00	0.00E+00	-2.91E-10	-1.93E-08	-8.94E-03	-7.64E-01	0.00E+00	0.00E+00	-3.94E-01	0.00E+00	-2.75E-01	0.00E+00	2.09E-10	-4.25E-09	-3.71E-04	-2.12E-10	-1.36E-01	0.00E+00	-2.75E-01	-6.22E-06	-2.75E-01	-3.99E-01	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.64E+01
41668982	-1.68E-03	-3.35E-02	-1.62E-04	-3.93E-02	0.00E+00	0.00E+00	-3.89E-01	-1.84E-04	-3.16E-06	-1.04E-03	0.00E+00	0.00E+00	-2.85E-10	-1.86E-08	-8.87E-03	-7.58E-01	0.00E+00	0.00E+00	-3.64E-01	0.00E+00	-2.76E-01	0.00E+00	2.07E-10	-4.10E-09	-3.61E-04	-2.12E-10	-1.38E-01	0.00E+00	-2.76E-01	-5.97E-06	-2.76E-01	-3.99E-01	-1.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+01
41668989	-1.67E-03	-3.30E-02	-1.51E-04	-3.95E-02	0.00E+00	0.00E+00	-3.89E-01	-1.77E-04	-2.07E-06	-9.66E-04	0.00E+00	0.00E+00	-2.80E-10	-1.84E-08	-8.92E-03	-7.58E-01	0.00E+00	0.00E+00	-3.55E-01	0.00E+00	-2.76E-01	0.00E+00	1.71E-10	-4.01E-09	-3.59E-04	-2.12E-10	-1.38E-01	0.00E+00	-2.76E-01	-5.86E-06	-2.76E-01	-3.99E-01	-1.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+01
41681909	-2.06E-03	-3.96E-02	-2.63E-04	-4.26E-02	0.00E+00	0.00E+00	-4.01E-01	-1.88E-04	-9.76E-06	-1.07E-03	0.00E+00	-2.27E-06	-2.99E-10	-1.86E-08	-4.49E-02	-9.83E-01	0.00E+00	0.00E+00	-3.68E-01	-8.11E-04	-3.08E-01	0.00E+00	-7.82E-11	-4.35E-09	-3.80E-04	-4.99E-07	-1.64E-01	0.00E+00	-3.08E-01	-6.33E-06	-3.08E-01	-3.96E-01	-1.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+01
41686086	-2.68E-03	-3.44E-02	-2.36E-04	-5.22E-02	0.00E+00	0.00E+00	-4.94E-01	-2.01E-04	-5.25E-06	-1.03E-03	0.00E+00	-1.05E-05	-3.03E-10	-2.22E-08	-1.02E-02	-1.48E+00	0.00E+00	0.00E+00	-3.86E-01	-3.76E-03	-4.22E-01	0.00E+00	3.00E-10	-4.32E-09	-3.45E-04	-2.46E-06	-1.75E-01	0.00E+00	-4.22E-01	-6.15E-06	-4.22E-01	-5.17E-01	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+01
41686089	-2.75E-03	-2.93E-02	-5.32E-05	-3.09E-02	0.00E+00	0.00E+00	-5.08E-01	-2.01E-04	-2.26E-05	-1.26E-03	0.00E+00	0.00E+00	-4.46E-10	-2.43E-08	-2.77E-03	-7.95E-01	0.00E+00	0.00E+00	-4.66E-01	0.00E+00	-2.50E-01	0.00E+00	5.33E-10	-5.02E-09	-4.33E-04	-2.12E-10	-1.38E-01	0.00E+00	-2.50E-01	-8.26E-06	-2.50E-01	-3.61E-01	-1.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
41688989	-1.67E-03	-3.30E-02	-1.51E-04	-3.95E-02	0.00E+00	0.00E+00	-3.89E-01	-1.77E-04	-2.07E-06	-9.66E-04	0.00E+00	0.00E+00	-2.80E-10	-1.84E-08	-8.91E-03	-7.58E-01	0.00E+00	0.00E+00	-3.55E-01	0.00E+00	-2.76E-01	0.00E+00	1.71E-10	-4.01E-09	-3.59E-04	-2.12E-10	-1.38E-01	0.00E+00	-2.76E-01	-5.86E-06	-2.76E-01	-3.99E-01	-1.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+01
417508	-2.65E-03	-1.79E-02	5.82E-05	-1.81E-02	0.00E+00	0.00E+00	-4.25E-01	-1.70E-04	5.41E-05	-1.04E-03	0.00E+00	0.00E+00	-2.86E-10	-1.96E-08	6.61E-04	-6.37E-01	0.00E+00	0.00E+00	-2.12E-01	0.00E+00	-3.28E-02	0.00E+00	4.70E-10	-2.88E-09	-2.23E-04	-2.12E-10	-8.44E-02	0.00E+00	-3.28E-02	-6.66E-06	-3.28E-02	-2.03E-01	-8.44E-02	0.00E+00	0.00E+00	0.00E+00	-9.52E+00
417509	-3.07E-03	-3.29E-02	-1.46E-04	-3.03E-02	0.00E+00	0.00E+00	-5.77E-01	-2.47E-04	3.58E-06	-1.28E-03	0.00E+00	0.00E+00	-5.55E-10	-2.71E-08	-7.57E-04	-8.04E-01	0.00E+00	0.00E+00	-3.98E-01	0.00E+00	-2.30E-01	0.00E+00	-6.42E-10	-5.16E-09	-4.69E-04	-2.12E-10	-1.03E-01	0.00E+00	-2.30E-01	-8.55E-06	-2.30E-01	-6.03E-01	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-1.58E+01
417708	-2.62E-03	-1.76E-02	7.96E-05	-1.75E-02	0.00E+00	0.00E+00	-4.29E-01	-1.69E-04	6.95E-05	-9.27E-04	0.00E+00	0.00E+00	-2.62E-10	-1.92E-08	8.43E-04	-6.29E-01	0.00E+00	0.00E+00	-1.67E-01	0.00E+00	-2.36E-02	0.00E+00	5.24E-10	-2.79E-09	-2.13E-04	-2.12E-10	-8.31E-02	0.00E+00	-2.36E-02	-6.37E-06	-2.36E-02	-2.03E-01	-8.31E-02	0.00E+00	0.00E+00	0.00E+00	-9.18E+00
418037	-2.70E-03	-3.14E-02	-2.53E-04	-4.14E-02	0.00E+00	0.00E+00	-5.25E-01	-2.08E-04	-1.90E-05	-1.37E-03	0.00E+00	0.00E+00	-4.02E-10	-2.46E-08	-1.38E-04	-7.41E-01	0.00E+00	0.00E+00	-4.92E-01	0.00E+00	-2.32E-01	0.00E+00	3.40E-10	-4.56E-09	-3.98E-04	-2.12E-10	-1.46E-01	0.00E+00	-2.32E-01	-7.89E-06	-2.32E-01	-4.10E-01	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.85E+01
418105	-2.52E-03	-1.55E-02	7.92E-05	-1.46E-02	0.00E+00	0.00E+00	-4.49E-01	-1.55E-04	5.07E-05	-9.02E-04	0.00E+00	0.00E+00	-2.32E-10	-1.76E-08	6.78E-04	-7.17E-01	0.00E+00	0.00E+00	-1.74E-01	0.00E+00	-2.81E-02	0.00E+00	5.84E-10	-2.86E-09	-1.64E-04	-2.12E-10	-9.20E-02	0.00E+00	-2.81E-02	-5.89E-06	-2.81E-02	-1.87E-01	-9.20E-02	0.00E+00	0.00E+00	0.00E+00	-8.47E+00
418109	-2.75E-03	-1.70E-02	6.88E-05	-1.71E-02	0.00E+00	0.00E+00	-4.55E-01	-1.70E-04	4.52E-05	-1.07E-03	0.00E+00	0.00E+00	-2.89E-10	-2.00E-08	6.28E-04	-6.92E-01	0.00E+00	0.00E+00	-2.27E-01	0.00E+00	-2.92E-02	0.00E+00	4.48E-10	-2.96E-09	-2.23E-04	-2.12E-10	-8.80E-02	0.00E+00	-2.92E-02	-6.70E-06	-2.92E-02	-1.93E-01	-8.80E-02	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
418802	-2.50E-03	-1.34E-02	1.82E-04	-1.36E-02	0.00E+00	0.00E+00	-3.83E-01	-1.18E-04	6.66E-05	-9.19E-04	0.00E+00	0.00E+00	-2.25E-10	-1.77E-08	5.25E-04	-6.32E-01	0.00E+00	0.00E+00	-1.70E-01	0.00E+00	-1.60E-02	0.00E+00	6.33E-10	-2.53E-09	-1.53E-04	-2.12E-10	-8.57E-02	0.00E+00	-1.60E-02	-5.79E-06	-1.60E-02	-1.74E-01	-8.57E-02	0.00E+00	0.00E+00	0.00E+00	-8.41E+00
418805	-2.52E-03	-1.51E-02	7.65E-05	-1.39E-02	0.00E+00	0.00E+00	-4.43E-01	-1.55E-04	5.07E-05	-9.35E-04	0.00E+00	0.00E+00	-2.32E-10	-1.76E-08	5.75E-04	-7.17E-01	0.00E+00	0.00E+00	-1.93E-01	0.00E+00	-2.81E-02	0.00E+00	5.84E-10	-2.80E-09	-1.65E-04	-2.12E-10	-9.48E-02	0.00E+00	-2.81E-02	-5.90E-06	-2.81E-02	-1.87E-01	-9.48E-02	0.00E+00	0.00E+00	0.00E+00	-8.70E+00
418806	-3.11E-03	-2.16E-02	9.01E-05	-1.72E-02	0.00E+00	0.00E+00	-4.36E-01	-1.86E-04	6.44E-05	-8.03E-04	0.00E+00	0.00E+00	-3.05E-10	-1.91E-08	6.95E-04	-6.43E-01	0.00E+00	0.00E+00	-2.31E-01	0.00E+00	-2.66E-02	0.00E+00	5.24E-10	-3.00E-09	-2.73E-04	-2.12E-10	-8.62E-02	0.00E+00	-2.66E-02	-6.31E-06	-2.66E-02	-2.16E-01	-8.62E-02	0.00E+00	0.00E+00	0.00E+00	-9.90E+00
418808	-2.65E-03	-1.79E-02	5.82E-05	-1.74E-02	0.00E+00	0.00E+00	-4.36E-01	-1.70E-04	5.41E-05	-1.03E-03	0.00E+00	0.00E+00	-2.85E-10	-1.95E-08	6.87E-04	-6.37E-01	0.00E+00	0.00E+00	-2.07E-01	0.00E+00	-3.28E-02	0.00E+00	4.70E-10	-2.85E-09	-2.23E-04	-2.12E-10	-8.44E-02	0.00E+00	-3.28E-02	-6.60E-06	-3.28E-02	-2.03E-01	-8.44E-02	0.00E+00	0.00E+00	0.00E+00	-9.49E+00
418809	-2.69E-03	-1.67E-02	6.18E-05	-1.64E-02	0.00E+00	0.00E+00	-4.57E-01	-1.69E-04	4.29E-05	-1.12E-03	0.00E+00	0.00E+00	-2.96E-10	-2.05E-08	4.93E-04	-7.04E-01	0.00E+00	0.00E+00	-2.57E-01	0.00E+00	-2.92E-02	0.00E+00	4.48E-10	-2.96E-09	-2.24E-04	-2.12E-10	-9.27E-02	0.00E+00	-2.92E-02	-6.71E-06	-2.92E-02	-1.93E-01	-9.27E-02	0.00E+00	0.00E+00	0.00E+00	-1.07E+01
418858	-2.59E-03	-1.72E-02	5.06E-05	-1.81E-02	0.00E+00	0.00E+00	-4.47E-01	-1.69E-04	5.41E-05	-1.11E-03	0.00E+00	0.00E+00	-2.89E-10	-1.97E-08	5.93E-04	-6.37E-01	0.00E+00	0.00E+00	-2.37E-01	0.00E+00	-3.28E-02	0.00E+00	4.70E-10	-3.11E-09	-2.27E-04	-2.12E-10	-8.72E-02	0.00E+00	-3.28E-02	-6.65E-06	-3.28E-02	-2.03E-01	-8.72E-02	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
418902	-2.49E-03	-1.34E-02	1.60E-04	-1.29E-02	0.00E+00	0.00E+00	-3.69E-01	-1.24E-04	6.66E-05	-8.61E-04	0.00E+00	0.00E+00	-2.24E-10	-1.71E-08	5.64E-04	-6.30E-01	0.00E+00	0.00E+00	-1.70E-01	0.00E+00	-1.60E-02	0.00E+00	6.41E-10	-2.44E-09	-1.55E-04	-2.12E-10	-8.46E-02	0.00E+00	-1.60E-02	-5.93E-06	-1.60E-02	-1.74E-01	-8.46E-02	0.00E+00	0.00E+00	0.00E+00	-7.41E+00
418905	5.93E-05	-2.13E-02	5.15E-04	-2.18E-02	0.00E+00	0.00E+00	3.50E-02	-2.09E-05	2.00E-04	-1.55E-04	0.00E+00	0.00E+00	-7.88E-11	-1.32E-10	2.29E-04	-1.31E+00	0.00E+00	0.00E+00	1.16E-02	0.00E+00	-1.01E-02	0.00E+00	2.42E-10	-1.09E-09	-4.48E-05	0.00E+00	-1.85E-01	0.00E+00	-1.01E-02	-8.05E-07	-1.01E-02	-1.95E-01	-1.85E-01	0.00E+00	0.00E+00	0.00E+00	1.01E-01
418906	-2.62E-03	-1.76E-02	7.96E-05	-1.67E-02	0.00E+00	0.00E+00	-4.29E-01	-1.69E-04	6.95E-05	-9.27E-04	0.00E+00	0.00E+00	-2.62E-10	-1.92E-08	8.43E-04	-6.29E-01	0.00E+00	0.00E+00	-1.67E-01	0.00E+00	-2.36E-02	0.00E+00	5.24E-10	-2.79E-09	-2.13E-04	-2.12E-10	-8.31E-02	0.00E+00	-2.36E-02	-6.37E-06	-2.36E-02	-2.03E-01	-8.31E-02	0.00E+00	0.00E+00	0.00E+00	-9.23E+00
418909	-2.73E-03	-1.70E-02	9.02E-05	-1.57E-02	0.00E+00	0.00E+00	-4.48E-01	-1.69E-04	5.98E-05	-9.73E-04	0.00E+00	0.00E+00	-2.69E-10	-1.96E-08	7.48E-04	-6.84E-01	0.00E+00	0.00E+00	-1.84E-01	0.00E+00	-2.00E-02	0.00E+00	5.01E-10	-2.80E-09	-2.10E-04	-2.12E-10	-8.67E-02	0.00E+00	-2.00E-02	-6.47E-06	-2.00E-02	-1.93E-01	-8.67E-02	0.00E+00	0.00E+00	0.00E+00	-9.81E+00
419005	-4.06E-03	-8.23E-02	-5.17E-04	-1.13E-01	0.00E+00	0.00E+00	-8.03E-01	-3.90E-04	-7.01E-05	-1.31E-03	0.00E+00	0.00E+00	-6.23E-10	-4.23E-08	-6.70E-04	-1.12E+00	0.00E+00	0.00E+00	-4.03E-01	0.00E+00	-3.78E-01	0.00E+00	-5.66E-10	-7.21E-09	-5.32E-04	-2.12E-10	-1.76E-01	0.00E+00	-3.78E-01	-1.03E-05	-3.78E-01	-1.08E+00	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-1.58E+01
4211	-6.42E-03	-1.39E-01	-1.17E-03	-1.35E-01	0.00E+00	0.00E+00	-1.17E+00	-4.64E-04	-1.26E-04	-2.46E-03	0.00E+00	0.00E+00	-8.38E-10	-5.14E-08	-2.01E-03	-2.57E+00	0.00E+00	0.00E+00	-7.18E-01	0.00E+00	-1.04E+00	0.00E+00	-3.83E-09	-1.20E-08	-8.39E-04	-2.12E-10	-4.36E-01	0.00E+00	-1.04E+00	-1.47E-05	-1.04E+00	-1.62E+00	-4.36E-01	0.00E+00	0.00E+00	0.00E+00	-3.56E+01
421109	-7.53E-03	-1.39E-01	-1.27E-03	-1.36E-01	0.00E+00	0.00E+00	-1.25E+00	-5.16E-04	-1.16E-04	-2.66E-03	0.00E+00	0.00E+00	-8.49E-10	-5.27E-08	-2.04E-03	-3.06E+00	0.00E+00	0.00E+00	-6.96E-01	0.00E+00	-1.06E+00	0.00E+00	-3.66E-09	-1.29E-08	-8.36E-04	-2.12E-10	-5.16E-01	0.00E+00	-1.06E+00	-1.65E-05	-1.06E+00	-1.59E+00	-5.16E-01	0.00E+00	0.00E+00	0.00E+00	-3.91E+01
4212	-8.19E-03	-2.11E-01	-1.24E-03	-1.50E-01	0.00E+00	0.00E+00	-1.36E+00	-5.27E-04	-1.31E-04	-3.41E-03	0.00E+00	0.00E+00	-9.32E-10	-5.88E-08	-5.98E-03	-2.49E+00	0.00E+00	0.00E+00	-7.72E-01	0.00E+00	-1.10E+00	0.00E+00	-4.69E-09	-1.54E-08	-1.01E-03	-2.12E-10	-5.17E-01	0.00E+00	-1.10E+00	-1.96E-05	-1.10E+00	-1.75E+00	-5.17E-01	0.00E+00	0.00E+00	0.00E+00	-4.49E+01
421209	-4.23E-03	-7.53E-02	-4.25E-04	-6.92E-02	0.00E+00	0.00E+00	-7.87E-01	-3.60E-04	-3.18E-05	-2.58E-03	0.00E+00	0.00E+00	-4.70E-10	-4.07E-08	-3.54E-03	-2.65E+00	0.00E+00	0.00E+00	-5.85E-01	0.00E+00	-3.93E-01	0.00E+00	1.01E-09	-7.72E-09	-6.81E-04	-2.12E-10	-3.97E-01	0.00E+00	-3.93E-01	-1.55E-05	-3.93E-01	-9.92E-01	-3.97E-01	0.00E+00	0.00E+00	0.00E+00	-3.61E+01
4216	-2.85E-03	-1.24E-01	1.10E-04	-1.29E-01	0.00E+00	0.00E+00	-6.07E-01	-3.23E-04	-1.00E-04	-2.26E-03	0.00E+00	-4.58E-10	-3.88E-10	-3.55E-08	-1.51E-01	-1.20E+00	0.00E+00	0.00E+00	-5.33E-01	0.00E+00	4.88E-03	0.00E+00	-1.21E-09	-1.10E-08	-6.58E-04	-2.02E-10	-2.63E-01	0.00E+00	4.88E-03	-1.13E-05	4.88E-03	-4.30E-01	-2.63E-01	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
421601	-3.17E-03	-1.24E-01	-5.49E-04	-1.28E-01	0.00E+00	0.00E+00	-8.70E-01	-3.39E-04	-1.09E-04	-2.50E-03	0.00E+00	-2.17E-05	-6.44E-10	-4.15E-08	-1.57E-01	-2.21E+00	0.00E+00	0.00E+00	-7.99E-01	-7.77E-03	-8.71E-01	0.00E+00	-2.37E-09	-1.16E-08	-7.07E-04	-5.16E-06	-2.71E-01	0.00E+00	-8.71E-01	-1.39E-05	-8.71E-01	-1.28E+00	-2.71E-01	0.00E+00	0.00E+00	0.00E+00	-3.66E+01
421609	-3.61E-03	-1.10E-01	-1.16E-03	-1.09E-01	0.00E+00	0.00E+00	-9.89E-01	-3.55E-04	-1.33E-04	-2.49E-03	0.00E+00	0.00E+00	-9.65E-10	-4.05E-08	-1.50E-03	-3.08E+00	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-8.91E-01	0.00E+00	-3.99E-09	-1.24E-08	-8.28E-04	0.00E+00	-4.97E-01	0.00E+00	-8.91E-01	-1.12E-05	-8.91E-01	-1.39E+00	-4.97E-01	0.00E+00	0.00E+00	0.00E+00	-4.29E+01
470049	-2.70E-03	-2.37E-02	-6.25E-04	-2.31E-02	0.00E+00	0.00E+00	-6.66E-01	-2.67E-04	-1.22E-04	-1.56E-03	0.00E+00	0.00E+00	-3.82E-10	-3.15E-08	-5.37E-04	-2.42E-01	0.00E+00	0.00E+00	-5.34E-01	0.00E+00	-2.32E-01	0.00E+00	-1.04E-09	-5.33E-09	-4.52E-04	0.00E+00	-5.46E-02	0.00E+00	-2.32E-01	-9.66E-06	-2.32E-01	-2.87E-01	-5.46E-02	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
47063512	-1.50E-03	-4.86E-02	-5.43E-04	-5.05E-02	0.00E+00	0.00E+00	-6.69E-01	-2.14E-04	-3.84E-05	-1.64E-03	0.00E+00	-4.65E-10	-4.02E-10	-2.31E-08	-5.27E-01	-8.12E-01	0.00E+00	0.00E+00	-4.51E-01	0.00E+00	-1.57E+00	0.00E+00	-8.21E-10	-5.25E-09	-4.49E-04	-2.09E-10	-1.23E-01	0.00E+00	-1.57E+00	-5.57E-06	-1.57E+00	-1.56E+00	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+01
47063515	3.37E-04	1.44E-03	8.19E-05	1.36E-03	0.00E+00	0.00E+00	-4.18E-02	-5.78E-07	2.59E-04	1.08E-04	0.00E+00	0.00E+00	3.23E-11	2.79E-09	-5.57E-01	-3.93E-01	0.00E+00	0.00E+00	1.69E-01	0.00E+00	-1.05E+00	0.00E+00	1.50E-09	-5.20E-12	2.67E-06	0.00E+00	-4.96E-02	0.00E+00	-1.05E+00	3.27E-08	-1.05E+00	-1.09E+00	-4.96E-02	0.00E+00	0.00E+00	0.00E+00	6.29E+00
47063522	-3.06E-03	-7.12E-02	-1.93E-03	-6.93E-02	0.00E+00	0.00E+00	-9.77E-01	-2.99E-04	-9.96E-05	-2.02E-03	0.00E+00	0.00E+00	-5.48E-10	-3.44E-08	-5.74E-01	-7.99E-01	0.00E+00	0.00E+00	-7.91E-01	0.00E+00	-1.70E+00	0.00E+00	-2.42E-09	-7.84E-09	-6.21E-04	0.00E+00	-1.69E-01	0.00E+00	-1.70E+00	-8.99E-06	-1.70E+00	-1.87E+00	-1.69E-01	0.00E+00	0.00E+00	0.00E+00	-3.39E+01
47063525	-8.27E-04	-3.55E-02	-1.01E-03	-3.45E-02	0.00E+00	0.00E+00	-3.54E-01	-8.97E-05	1.20E-04	-7.84E-04	0.00E+00	0.00E+00	-2.32E-10	-8.60E-09	-5.63E-01	-1.56E-01	0.00E+00	0.00E+00	-2.79E-01	0.00E+00	-1.33E+00	0.00E+00	-1.68E-10	-2.94E-09	-2.44E-04	0.00E+00	-4.49E-02	0.00E+00	-1.33E+00	-5.84E-06	-1.33E+00	-1.37E+00	-4.49E-02	0.00E+00	0.00E+00	0.00E+00	-1.22E+01
47063532	-1.91E-03	-5.75E-02	-7.88E-04	-5.01E-02	0.00E+00	0.00E+00	-7.99E-01	-2.15E-04	-6.34E-05	-1.59E-03	0.00E+00	-4.65E-10	-4.73E-10	-2.52E-08	-5.27E-01	-7.17E-01	0.00E+00	0.00E+00	-5.19E-01	0.00E+00	-1.58E+00	0.00E+00	-1.58E-09	-5.80E-09	-4.57E-04	-2.09E-10	-1.14E-01	0.00E+00	-1.58E+00	-7.53E-06	-1.58E+00	-1.61E+00	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.33E+01
47063535	-9.73E-04	-3.54E-02	-6.40E-04	-3.48E-02	0.00E+00	0.00E+00	-3.79E-01	-1.08E-04	1.05E-04	-8.69E-04	0.00E+00	0.00E+00	-1.83E-10	-1.05E-08	-5.58E-01	-1.64E-01	0.00E+00	0.00E+00	-8.00E-02	0.00E+00	-1.32E+00	0.00E+00	-1.48E-10	-3.30E-09	-2.88E-04	0.00E+00	-2.48E-02	0.00E+00	-1.32E+00	-6.34E-06	-1.32E+00	-1.34E+00	-2.48E-02	0.00E+00	0.00E+00	0.00E+00	-3.48E+00
47081909	-9.21E-05	3.03E-04	4.38E-05	2.59E-04	0.00E+00	0.00E+00	-8.60E-03	-9.98E-06	-1.89E-06	-2.79E-05	0.00E+00	0.00E+00	-1.03E-11	-1.15E-09	7.77E-05	-2.55E-01	0.00E+00	0.00E+00	-8.80E-03	0.00E+00	1.18E-02	0.00E+00	1.35E-10	-2.20E-10	-9.34E-06	0.00E+00	-3.62E-02	0.00E+00	1.18E-02	-3.55E-07	1.18E-02	-2.44E-02	-3.62E-02	0.00E+00	0.00E+00	0.00E+00	-4.60E-01
47086084	-5.29E-03	-1.15E-01	-9.88E-04	-8.35E-02	0.00E+00	0.00E+00	-1.00E+00	-3.21E-04	-9.91E-05	-1.96E-03	0.00E+00	-1.63E-05	-5.62E-10	-3.85E-08	-5.23E-02	-1.46E+00	0.00E+00	0.00E+00	-6.40E-01	-5.81E-03	-9.81E-01	0.00E+00	-2.62E-09	-1.00E-08	-7.50E-04	-3.82E-06	-2.87E-01	0.00E+00	-9.81E-01	-1.25E-05	-9.81E-01	-1.45E+00	-2.87E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E+01

47086086	-5.03E-03	-6.81E-02	-6.77E-04	-6.30E-02	0.00E+00	0.00E+00	-8.59E-01	-2.74E-04	-5.43E-05	-1.64E-03	0.00E+00	-1.69E-05	-4.50E-10	-3.53E-08	-3.85E-03	-1.61E+00	0.00E+00	0.00E+00	-4.78E-01	-6.02E-03	-7.24E-01	0.00E+00	-1.28E-09	-8.14E-09	-5.25E-04	-3.96E-06	-2.14E-01	0.00E+00	-7.24E-01	-9.78E-06	-7.24E-01	-1.15E+00	-2.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.00E+01
47086089	-4.69E-03	-1.08E-01	-1.03E-03	-8.52E-02	0.00E+00	0.00E+00	-9.39E-01	-3.03E-04	-8.78E-05	-1.78E-03	0.00E+00	-2.27E-06	-4.74E-10	-3.55E-08	-4.58E-02	-1.45E+00	0.00E+00	0.00E+00	-5.45E-01	-8.11E-04	-7.96E-01	0.00E+00	-2.80E-09	-9.03E-09	-6.72E-04	-5.37E-07	-2.82E-01	0.00E+00	-7.96E-01	-1.19E-05	-7.96E-01	-1.36E+00	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-2.58E+01
47087003	-3.62E-03	-7.90E-02	-5.45E-04	-5.14E-02	0.00E+00	0.00E+00	-6.52E-01	-3.06E-04	-2.56E-05	-1.57E-03	0.00E+00	-2.27E-06	-3.97E-10	-3.30E-08	-5.21E-02	-1.36E+00	0.00E+00	0.00E+00	-4.67E-01	-8.11E-04	-3.99E-01	0.00E+00	2.64E-10	-6.19E-09	-4.68E-04	-5.37E-07	-2.71E-01	0.00E+00	-3.99E-01	-1.12E-05	-3.99E-01	-7.09E-01	-2.71E-01	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
47087006	-5.32E-03	-1.04E-01	-1.10E-03	-8.11E-02	0.00E+00	0.00E+00	-9.74E-01	-3.21E-04	-8.69E-05	-1.89E-03	0.00E+00	-2.27E-06	-5.52E-10	-3.82E-08	-4.59E-02	-1.50E+00	0.00E+00	0.00E+00	-5.61E-01	-8.11E-04	-8.78E-01	0.00E+00	-2.99E-09	-9.62E-09	-7.41E-04	-5.37E-07	-2.91E-01	0.00E+00	-8.78E-01	-1.19E-05	-8.78E-01	-1.42E+00	-2.91E-01	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
47087009	-4.87E-03	-1.04E-01	-1.08E-03	-8.30E-02	0.00E+00	0.00E+00	-9.21E-01	-3.18E-04	-7.42E-05	-1.87E-03	0.00E+00	0.00E+00	-5.01E-10	-3.79E-08	-2.08E-03	-1.40E+00	0.00E+00	0.00E+00	-5.47E-01	0.00E+00	-7.99E-01	0.00E+00	-3.07E-09	-9.11E-09	-7.35E-04	-2.12E-10	-2.83E-01	0.00E+00	-7.99E-01	-1.19E-05	-7.99E-01	-1.43E+00	-2.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
47088982	-4.52E-03	-1.02E-01	-1.03E-03	-7.87E-02	0.00E+00	0.00E+00	-8.88E-01	-2.87E-04	-8.50E-05	-1.67E-03	0.00E+00	0.00E+00	-4.04E-10	-3.32E-08	-1.88E-03	-1.31E+00	0.00E+00	0.00E+00	-5.95E-01	0.00E+00	-7.19E-01	0.00E+00	-2.60E-09	-8.48E-09	-7.36E-04	-2.12E-10	-2.44E-01	0.00E+00	-7.19E-01	-1.13E-05	-7.19E-01	-1.26E+00	-2.44E-01	0.00E+00	0.00E+00	0.00E+00	-2.72E+01
47088989	1.69E-05	1.89E-03	6.90E-05	1.82E-03	0.00E+00	0.00E+00	6.39E-03	-9.18E-07	8.60E-06	2.08E-05	0.00E+00	0.00E+00	-2.46E-11	1.40E-11	1.82E-04	3.20E-05	0.00E+00	0.00E+00	1.98E-03	0.00E+00	3.78E-02	0.00E+00	4.17E-10	2.11E-11	1.23E-06	0.00E+00	1.17E-03	0.00E+00	3.78E-02	-2.13E-08	3.78E-02	3.90E-02	1.17E-03	0.00E+00	0.00E+00	0.00E+00	-2.84E-02
471020	-8.02E-03	-7.27E-02	-1.36E-03	-7.13E-02	0.00E+00	0.00E+00	-1.30E+00	-5.12E-04	-2.41E-04	-3.07E-03	0.00E+00	0.00E+00	-7.57E-10	-5.97E-08	-1.53E-03	-1.84E+00	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	-6.08E-01	0.00E+00	-3.19E-09	-1.14E-08	-8.98E-04	0.00E+00	-3.12E-01	0.00E+00	-6.08E-01	-1.51E-05	-6.08E-01	-9.20E-01	-3.12E-01	0.00E+00	0.00E+00	0.00E+00	-4.56E+01
471040	-1.55E-02	-2.86E-01	-2.86E-03	-2.83E-01	0.00E+00	0.00E+00	-2.54E+00	-9.77E-04	-4.91E-04	-6.25E-03	0.00E+00	0.00E+00	-1.46E-09	-1.14E-07	-3.68E-03	-1.36E+01	0.00E+00	0.00E+00	-2.12E+00	0.00E+00	-1.39E+00	0.00E+00	-7.99E-09	-2.71E-08	-1.81E-03	0.00E+00	-2.07E+00	0.00E+00	-1.39E+00	-2.89E-05	-1.39E+00	-3.46E+00	-2.07E+00	0.00E+00	0.00E+00	0.00E+00	-8.96E+01
471060	9.85E-04	-2.38E-01	2.14E-03	-2.40E-01	0.00E+00	0.00E+00	3.08E-01	-1.15E-05	8.73E-04	-4.99E-04	0.00E+00	0.00E+00	-2.80E-10	8.54E-09	6.53E-04	-1.70E+01	0.00E+00	0.00E+00	1.53E-01	0.00E+00	-1.03E-01	0.00E+00	6.31E-10	-8.70E-09	-1.33E-04	0.00E+00	-2.44E+00	0.00E+00	-1.03E-01	-5.17E-07	-1.03E-01	-2.55E+00	-2.44E+00	0.00E+00	0.00E+00	0.00E+00	5.40E+00
4715	6.87E-04	7.19E-02	2.76E-03	6.91E-02	0.00E+00	0.00E+00	6.08E-01	1.36E-06	3.34E-04	7.50E-04	0.00E+00	0.00E+00	1.03E-10	4.00E-09	4.32E-03	1.89E-01	0.00E+00	0.00E+00	5.22E-01	0.00E+00	1.07E+00	0.00E+00	8.34E-09	4.11E-09	2.35E-04	0.00E+00	9.25E-02	0.00E+00	1.07E+00	3.36E-07	1.07E+00	1.16E+00	9.25E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01
471501	-7.03E-03	-1.55E-01	-2.21E-03	-1.52E-01	0.00E+00	0.00E+00	-1.48E+00	-4.27E-04	-2.61E-04	-3.27E-03	0.00E+00	-2.27E-05	-9.96E-10	-4.98E-08	-6.88E-03	-3.67E+00	0.00E+00	0.00E+00	-1.16E+00	-8.12E-03	-1.52E+00	0.00E+00	-5.07E-09	-1.45E-08	-1.03E-03	-5.34E-06	-5.99E-01	0.00E+00	-1.52E+00	-1.61E-05	-1.52E+00	-2.12E+00	-5.99E-01	0.00E+00	0.00E+00	0.00E+00	-4.91E+01
471509	-6.95E-03	-1.29E-01	-1.72E-03	-1.27E-01	0.00E+00	0.00E+00	-1.21E+00	-4.27E-04	-2.45E-04	-3.10E-03	0.00E+00	0.00E+00	-9.90E-10	-4.97E-08	-2.16E-03	-3.31E+00	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-9.91E-01	0.00E+00	-4.97E-09	-1.39E-08	-9.75E-04	0.00E+00	-5.36E-01	0.00E+00	-9.91E-01	-1.60E-05	-9.91E-01	-1.53E+00	-5.36E-01	0.00E+00	0.00E+00	0.00E+00	-4.86E+01
47157003	-3.00E-03	-9.42E-03	8.46E-04	-1.03E-02	0.00E+00	0.00E+00	-3.99E-01	-3.20E-04	-4.86E-05	-1.48E-03	0.00E+00	0.00E+00	-3.36E-10	-3.61E-08	2.61E-03	-2.20E+00	0.00E+00	0.00E+00	-3.52E-01	0.00E+00	2.02E-01	0.00E+00	2.07E-09	-5.28E-09	-4.22E-04	0.00E+00	-3.11E-01	0.00E+00	2.02E-01	-9.43E-06	2.02E-01	-1.09E-01	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+01
47157004	1.22E-04	-3.78E-02	5.60E-04	-3.83E-02	0.00E+00	0.00E+00	-1.69E-02	-2.37E-05	2.38E-04	-3.65E-04	0.00E+00	0.00E+00	-6.34E-10	7.76E-10	8.95E-04	-4.85E-03	0.00E+00	0.00E+00	-2.33E-01	0.00E+00	-2.26E-01	0.00E+00	1.02E-09	-3.90E-09	-2.30E-04	0.00E+00	-7.84E-03	0.00E+00	-2.26E-01	-1.13E-06	-2.26E-01	-2.33E-01	-7.84E-03	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
47157006	-4.47E-03	-8.94E-02	-1.59E-03	-8.78E-02	0.00E+00	0.00E+00	-1.18E+00	-4.26E-04	-2.34E-04	-2.97E-03	0.00E+00	0.00E+00	-9.52E-10	-4.95E-08	-1.89E-03	-8.70E-01	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-8.93E-01	0.00E+00	-4.32E-09	-1.23E-08	-9.34E-04	0.00E+00	-1.78E-01	0.00E+00	-8.93E-01	-1.60E-05	-8.93E-01	-1.07E+00	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-4.70E+01
47157009	-4.06E-03	-8.51E-02	-1.42E-03	-8.37E-02	0.00E+00	0.00E+00	-1.07E+00	-3.89E-04	-1.92E-04	-2.74E-03	0.00E+00	0.00E+00	-9.03E-10	-4.48E-08	-1.72E-03	-8.31E-01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-8.41E-01	0.00E+00	-3.98E-09	-1.15E-08	-8.67E-04	0.00E+00	-1.68E-01	0.00E+00	-8.41E-01	-1.47E-05	-8.41E-01	-1.01E+00	-1.68E-01	0.00E+00	0.00E+00	0.00E+00	-4.35E+01
47157013	-3.02E-03	-2.95E-02	2.60E-04	-3.23E-02	0.00E+00	0.00E+00	-5.32E-01	-2.61E-04	5.49E-05	-1.47E-03	0.00E+00	0.00E+00	-5.23E-10	-3.01E-08	-2.21E-03	-7.75E-01	0.00E+00	0.00E+00	-4.72E-01	0.00E+00	-2.19E-01	0.00E+00	-5.27E-10	-5.93E-09	-4.45E-04	-2.12E-10	-1.27E-01	0.00E+00	-2.19E-01	-9.01E-06	-2.19E-01	-3.85E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+01
47157014	-3.19E-03	-3.02E-02	6.41E-05	-4.79E-02	0.00E+00	0.00E+00	-6.74E-01	-2.69E-04	8.25E-06	-1.55E-03	0.00E+00	-1.64E-05	-5.80E-10	-3.18E-08	-4.82E-03	-9.15E-01	0.00E+00	0.00E+00	-5.14E-01	-5.85E-03	-4.39E-01	0.00E+00	-4.12E-10	-6.74E-09	-4.86E-04	-3.99E-06	-1.48E-01	0.00E+00	-4.39E-01	-9.84E-06	-4.39E-01	-4.96E-01	-1.48E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
47157015	-3.13E-03	-2.63E-02	2.20E-04	-4.55E-02	0.00E+00	0.00E+00	-6.45E-01	-2.67E-04	2.98E-05	-1.54E-03	0.00E+00	-1.64E-05	-5.57E-10	-3.10E-08	-4.59E-03	-7.98E-01	0.00E+00	0.00E+00	-4.99E-01	-5.84E-03	-3.86E-01	0.00E+00	-2.77E-10	-5.96E-09	-4.47E-04	-3.98E-06	-1.39E-01	0.00E+00	-3.86E-01	-9.20E-06	-3.86E-01	-4.89E-01	-1.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.84E+01
47157113	-3.15E-03	-3.20E-02	2.35E-04	-3.17E-02	0.00E+00	0.00E+00	-5.53E-01	-2.75E-04	4.23E-05	-1.53E-03	0.00E+00	0.00E+00	-5.58E-10	-3.09E-08	-3.07E-03	-1.07E+00	0.00E+00	0.00E+00	-4.97E-01	0.00E+00	-2.19E-01	0.00E+00	-5.69E-10	-6.71E-09	-4.67E-04	-2.12E-10	-1.64E-01	0.00E+00	-2.19E-01	-9.31E-06	-2.19E-01	-3.81E-01	-1.64E-01	0.00E+00	0.00E+00	0.00E+00	-2.32E+01
47157114	-3.15E-03	-3.07E-02	1.53E-04	-4.47E-02	0.00E+00	0.00E+00	-6.32E-01	-2.54E-04	3.06E-05	-1.24E-03	0.00E+00	-1.63E-05	-5.77E-10	-2.82E-08	-5.54E-03	-1.04E+00	0.00E+00	0.00E+00	-4.35E-01	-5.81E-03	-4.05E-01	0.00E+00	-3.53E-10	-6.07E-09	-4.75E-04	-3.94E-06	-1.72E-01	0.00E+00	-4.05E-01	-9.06E-06	-4.05E-01	-4.83E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.90E+01
47157115	-3.22E-03	-3.10E-02	1.99E-04	-4.62E-02	0.00E+00	0.00E+00	-6.43E-01	-2.67E-04	1.95E-05	-1.58E-03	0.00E+00	-1.63E-05	-5.73E-10	-3.10E-08	-5.48E-03	-1.04E+00	0.00E+00	0.00E+00	-5.24E-01	-5.81E-03	-3.92E-01	0.00E+00	-3.19E-10	-6.25E-09	-4.57E-04	-3.95E-06	-1.73E-01	0.00E+00	-3.92E-01	-9.37E-06	-3.92E-01	-4.86E-01	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+01
4716	-2.18E-03	-1.17E-01	2.38E-04	-1.23E-01	0.00E+00	0.00E+00	-2.06E-01	-1.74E-04	-2.74E-05	-1.77E-03	0.00E+00	-4.58E-10	-3.52E-10	-1.56E-08	-9.27E-02	-8.48E-01	0.00E+00	0.00E+00	-3.60E-01	0.00E+00	2.17E-01	0.00E+00	-7.56E-10	-1.01E-08	-4.03E-04	-2.02E-10	-2.69E-01	0.00E+00	2.17E-01	-1.06E-05	2.17E-01	-1.26E-01	-2.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+01
471601	-2.23E-03	-1.27E-01	-8.08E-04	-1.26E-01	0.00E+00	0.00E+00	-4.91E-01	-2.07E-04	-1.38E-05	-1.86E-03	0.00E+00	-2.17E-05	-6.17E-10	-2.26E-08	-9.87E-02	-1.55E+00	0.00E+00	0.00E+00	-6.05E-01	-7.75E-03	-6.83E-01	0.00E+00	-7.30E-10	-1.01E-08	-5.16E-04	-5.07E-06	-2.86E-01	0.00E+00	-6.83E-01	-1.10E-05	-6.83E-01	-8.50E-01	-2.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+01
471609	-1.66E-03	-1.02E-01	-6.03E-04	-1.02E-01	0.00E+00	0.00E+00	-4.75E-01	-1.68E-04	5.57E-05	-1.57E-03	0.00E+00	0.00E+00	-6.59E-10	-1.74E-08	-1.20E-03	-2.93E+00	0.00E+00	0.00E+00	-5.76E-01	0.00E+00	-6.86E-01	0.00E+00	-3.08E-09	-8.55E-09	-5.30E-04	0.00E+00	-4.53E-01	0.00E+00	-6.86E-01	-8.76E-06	-6.86E-01	-1.14E+00	-4.53E-01	0.00E+00	0.00E+00	0.00E+00	-2.41E+01
4718	-2.25E-03	-1.65E-01	-2.69E-03	-1.53E-01	0.00E+00	0.00E+00	-7.50E-01	-8.65E-05	-1.07E-04	-1.43E-03	0.00E+00	-4.65E-10	-2.74E-10	-1.18E-08	-2.77E-01	-1.13E+00	0.00E+00	0.00E+00	-5.13E-02	0.00E+00	-6.75E-01	0.00E+00	-3.94E-09	-1.31E-08	-1.90E-04	-2.09E-10	-6.76E-02	0.00E+00	-6.75E-01	-1.49E-05	-6.75E-01	-1.68E+00	-6.76E-02	0.00E+00	0.00E+00	0.00E+00	-2.17E+00
471801	-2.49E-03	-1.78E-01	-3.01E-03	-1.62E-01	0.00E+00	0.00E+00	-1.02E+00	-1.25E-04	-1.10E-04	-2.23E-03	0.00E+00	-3.59E-05	-6.78E-10	-1.91E-08	-2.29E-01	-2.02E+00	0.00E+00	0.00E+00	-6.33E-01	-1.26E-02	-1.37E+00	0.00E+00	-4.10E-09	-1.35E-08	-4.12E-04	-8.32E-06	-1.03E-01	0.00E+00	-1.37E+00	-1.49E-05	-1.37E+00	-2.17E+00	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-7.13E+00
471809	2.55E-04	6.06E-02	2.47E-03	5.82E-02	0.00E+00	0.00E+00	4.93E-01	-3.56E-05	2.85E-04	4.51E-04	0.00E+00	0.00E+00	5.12E-11	-6.74E-10	3.90E-03	1.42E-01	0.00E+00	0.00E+00	4.26E-01	0.00E+00	9.68E-01	0.00E+00	7.56E-09	3.13E-09	1.51E-04	0.00E+00	7.98E-02	0.00E+00	9.68E-01	-1.01E-06	9.68E-01	1.05E+00	7.98E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
4719	-2.11E-03	-1.28E-01	1.12E-03	-1.23E-01	0.00E+00	0.00E+00	2.47E-01	-1.07E-04	-5.49E-05	-1.98E-03	0.00E+00	-4.65E-10	-2.52E-10	-7.67E-09	-8.79E-02	-7.96E-01	0.00E+00	0.00E+00	3.94E-02	0.00E+00	3.77E-01	0.00E+00	-3.65E-10	-1.08E-08	-5.41E-05	-2.09E-10	-1.25E-01	0.00E+00	3.77E-01	-1.21E-05	3.77E-01	8.27E-02	-1.25E-01	0.00E+00	0.00E+00	0.00E+00	3.62E-01
471909	-2.16E-03	-1.28E-01	1.12E-03	-1.23E-01	0.00E+00	0.00E+00	2.50E-01	-9.92E-05	-5.78E-05	-2.02E-03	0.00E+00	-4.65E-10	-2.52E-10	-7.67E-09	-8.79E-02	-8.05E-01	0.00E+00	0.00E+00	5.04E-02	0.00E+00	3.74E-01	0.00E+00	-3.65E-10	-1.09E-08	-5.36E-05	-2.09E-10	-1.23E-01	0.00E+00	3.74E-01	-1.22E-05	3.74E-01	7.42E-02	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	3.62E-01
47202045	-3.97E-03	-1.51E-01	-9.82E-04	-1.33E-01	0.00E+00	0.00E+00	-1.04E+00	-3.47E-04	7.24E-05	-2.41E-03	0.00E+00	0.00E+00	-9.87E-10	-4.03E-08	-4.11E-02	-1.75E+00	0.00E+00	0.00E+00	-7.84E-01	0.00E+00	-9.52E-01	0.00E+00	-2.90E-09	-1.20E-08	-8.22E-04	-2.12E-10	-3.25E-01	0.00E+00	-9.52E-01	-1.39E-05	-9.52E-01	-1.34E+00	-3.25E-01	0.00E+00	0.00E+00	0.00E+00	-4.09E+01
47202089	-4.23E-03	-1.43E-01	-9.88E-04	-1.32E-01	0.00E+00	0.00E+00	-1.01E+00	-3.72E-04	5.96E-05	-2.39E-03	0.00E+00	0.00E+00	-9.67E-10	-4.20E-08	-5.23E-02	-1.75E+00	0.00E+00	0.00E+00	-7.59E-01	0.00E+00	-9.30E-01	0.00E+00	-2.96E-09	-1.17E-08	-8.28E-04	-2.12E-10	-3.25E-01	0.00E+00	-9.30E-01	-1.36E-05	-9.30E-01	-1.34E+00	-3.25E-01	0.00E+00	0.00E+00	0.00E+00	-4.04E+01
47206084	-4.21E-03	-1.62E-01	-7.63E-04	-1.39E-01	0.00E+00	0.00E+00	-1.09E+00	-4.05E-04	2.44E-05	-2.72E-03	0.00E+00	-2.27E-06	-1.34E-09	-4.36E-08	-7.12E-02	-1.69E+00	0.00E+00	0.00E+00	-8.65E-01	-8.11E-04	-9.05E-01	0.00E+00	-4.20E-09	-1.34E-08	-9.69E-04	-5.23E-07	-3.48E-01	0.00E+00	-9.05E-01	-1.64E-05	-9.05E-01	-1.21E+00	-3.48E-01	0.00E+00	0.00E+00	0.00E+00	-4.52E+01
47206086	-3.93E-03	-1.59E-01	-1.08E-03	-1.40E-01	0.00E+00	0.00E+00	-1.05E+00	-3.87E-04	3.89E-05	-2.64E-03	0.00E+00	0.00E+00	-1.34E-09	-4.33E-08	-5.39E-02	-1.61E+00	0.00E+00	0.00E+00	-8.50E-01	0.00E+00	-1.07E+00	0.00E+00	-4.16E-09	-1.32E-08	-9.64E-04	-2.12E-10	-3.39E-01	0.00E+00	-1.07E+00	-1.63E-05	-1.07E+00	-1.36E+00	-3.39E-01	0.00E+00	0.00E+00	0.00E+00	-4.46E+01
47206089	-8.09E-03	-1.57E-01	-2.85E-03	-1.54E-01	0.00E+00	0.00E+00	-2.16E+00	-7.77E-04	-3.79E-04	-5.43E-03	0.00E+00	0.00E+00	-1.82E-09	-8.95E-08	-7.44E-02	-8.66E-01	0.00E+00	0.00E+00	-2.04E+00	0.00E+00	-1.74E+00	0.00E+00	-7.11E-09	-2.25E-08	-1.73E-03	0.00E+00	-2.18E-01	0.00E+00	-1.74E+00	-2.98E-05	-1.74E+00	-1.96E+00	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-8.60E+01
47206094	-3.60E-03	-6.88E-02	-8.73E-04	-6.90E-02	0.00E+00	0.00E+00	-6.11E-01	-3.27E-04	-1.92E-05	-2.33E-03	0.00E+00	-2.27E-06	-6.76E-10	-3.42E-08	-6.92E-02	-1.72E+00	0.00E+00	0.00E+00	-7.44E-01	-8.11E-04	-3.41E-01	0.00E+00	-1.51E-09	-9.87E-09	-6.95E-04	-5.23E-07	-3.05E-01	0.00E+00	-3.41E-01	-1.35E-05	-3.41E-01	-6.24E-01	-3.05E-01	0.00E+00	0.00E+00	0.00E+00	-3.75E+01
47206096	-3.78E-03	-1.64E-01	-6.26E-04	-1.38E-01	0.00E+00	0.00E+00	-9.87E-01	-3.66E-04	3.54E-05	-2.53E-03	0.00E+00	0.00E+00	-1.32E-09	-4.08E-08	-5.48E-02	-1.61E+00	0.00E+00	0.00E+00	-8.49E-01	0.00E+00	-8.41E-01	0.00E+00	-4.26E-09	-1.30E-08	-9.55E-04	-2.12E-10	-3.48E-01	0.00E+00	-8.41E-01	-1.55E-05	-8.41E-01	-1.17E+00	-3.48E-01	0.00E+00	0.00E+00	0.00E+00	-4.17E+01
47206099	-1.92E-03	-1.19E-01	-6.15E-04	-1.18E-01	0.00E+00	0.00E+00	-5.93E-01	-2.10E-04	2.37E-04	-2.17E-03	0.00E+00	0.00E+00	-1.08E-09	-1.94E-08	-7.27E-02	-1.01E+00	0.00E+00	0.00E+00	-8.06E-01	0.00E+00	-1.20E+00	0.00E+00	-4.06E-09	-1.16E-08	-7.77E-04	0.00E+00	-1.84E-01	0.00E+00	-1.20E+00	-1.30E-05	-1.20E+00	-1.38E+00	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-3.39E+01
47208982	-4.40E-03	-1.39E-01	-1.20E-03	-1.31E-01	0.00E+00	0.00E+00	-1.09E+00	-4.31E-04	1.85E-05	-2.74E-03	0.00E+00	0.00E+00	-1.34E-09	-4.73E-08	-5.53E-02	-1.63E+00	0.00E+00	0.00E+00	-8.45E-01	0.00E+00	-9.49E-01	0.00E+00	-4.14E-09	-1.32E-08	-9.86E-04	-2.12E-10	-3.51E-01	0.00E+00	-9.49E-01	-1.65E-05	-9.49E-01	-1.37E+00	-3.51E-01	0.00E+00	0.00E+00	0.00E+00	-4.44E+01
47208989	-5.95E-03	-1.37E-01	-2.09E-03	-1.35E-01	0.00E+00	0.00E+00	-1.64E+00	-5.82E-04	-2.75E-04	-4.07E-03	0.00E+00	0.00E+00	-1.57E-09	-6.68E-08	-7.34E-02	-6.01E-01	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.48E+00	0.00E+00	-5.71E-09	-1.81E-08	-1.35E-03	0.00E+00	-1.69E-01	0.00E+00	-1.48E+00	-1.75E-05	-1.48E+00	-1.65E+00	-1.69E-01	0.00E+00	0.00E+00	0.00E+00	-6.93E+01
47209909	-4.31E-03	-1.04E-01	-8.84E-04	-1.10E-01	0.00E+00	0.00E+00	-9.56E-01	-3.81E-04	3.85E-05	-2.30E-03	0.00E+00	0.00E+00	-9.54E-10	-4.49E-08	-4.15E-02	-1.47E+00	0.00E+00	0.00E+00	-7.23E-01	0.00E+00	-7.94E-01	0.00E+00	-1.89E-09	-1.01E-08	-8.01E-04	-2.12E-10	-2.76E-01	0.00E+00	-7.94E-01	-1.33E-05	-7.94E-01	-1.26E+00	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-3.88E+01
47209939	-2.63E-03	-9.16E-02	-7.18E-04	-6.17E-02	0.00E+00	0.00E+00	-4.99E-01	-2.71E-04	7.92E-05	-1.73E-03	0.00E+00	0.00E+00	-8.29E-10	-3.04E-08	-4.06E-02	-1.36E+00	0.00E+00	0.00E+00	-7.18E-01	0.00E+00	-4.32E-01	0.00E+00	-1.37E-09	-7.06E-09	-4.14E-04	-2.12E-10	-2.00E-01	0.00E+00	-4.32E-01	-8.01E-06	-4.32E-01	-3.98E-01	-2.00E-01	0.00E+00	0.00E+00	0.00E+00	-3.58E+01
47209949	-3.98E-04	-6.17E-02	1.32E-03	-6.31E-02	0.00E+00	0.00E+00	-1.33E-01	-1.06E-04	4.25E-04	-7.83E-04	0.00E+00	0.00E+00	-9.24E-10	-6.29E-09	2.84E-03	-1.53E+00	0.00E+00	0.00E+00	-3.80E-01	0.00E+00	-1.78E-01	0.00E+00	2.95E-09	-6.81E-09	-3.92E-04	0.00E+00	-2.26E-01	0.00E+00	-1.78E-01	-4.21E-06	-1.78E-01	-4.04E-01	-2.26E-01	0.00E+00	0.00E+00	0.00E+00	-1.94E+01
47228982	-3.22E-03	-4.37E-02	-1.52E-05	-3.65E-02	0.00E+00	0.00E+00	-5.18E-01	-2.79E-04	-2.23E-05	-1.89E-03	0.00E+00	0.00E+00	-4.84E-10	-3.24E-08	-1.42E-03	-4.57E-01	0.00E+00	0.00E+00	-5.18E-01	0.00E+00	-2.06E-01	0.00E+00	-4.49E-10	-6.75E-09	-5.90E-04	-2.12E-10	-7.12E-02	0.00E+00	-2.06E-01	-1.13E-05	-2.06E-01	-4.21E-01	-7.12E-02	0.00E+00	0.00E+00	0.00E+00	-2.58E+01
47228989	-2.59E-03	6.87E-03	9.10E-04	5.96E-03	0.00E+00	0.00E+00	-2.96E-01	-2.83E-04	-4.88E-06	-1.32E-03	0.00E+00	0.00E+00	-2.82E-10	-3.13E-08	1.53E-03	-1.69E-01	0.00E+00	0.00E+00	-2.60E-01	0.00E+00	2.15E-01	0.00E+00	2.16E-09	-3.71E-09	-3.72E-04	0.00E+00	-8.56E-03	0.00E+00	2.15E-01	-8.10E-06	2.15E-01	2.06E-01	-8.56E-03	0.00E+00	0.00E+00	0.00E+00	-1.31E+01
47229909	-7.12E-03	-1.27E-01	-1.71E-03	-1.25E-01	0.00E+00	0.00E+00	-1.23E+00	-4.38E-04	-2.48E-04	-3.14E-03	0.00E+00	0.00E+00	-9.78E-10	-5.10E-08	-2.15E-03	-3.33E+00	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-9.71E-01	0.00E+00	-4.90E-09	-1.39E-08	-9.80E-04	0.00E+00	-5.38E-01	0.00E+00	-9.71E-01	-1.64E-05	-9.71E-01	-1.51E+00	-5.38E-01	0.00E+00	0.00E+00	0.00E+00	-4.88E+01
47229939	-2.25E-03	-1.53E-02	-2.64E-04	-1.55E-02	0.00E+00	0.00E+00	-4.72E-01	-1.80E-04	7.82E-07	-1.28E-03	0.00E+00	-2.27E-06	-3.48E-10	-2.07E-08	-3.66E-02	-1.76E+00	0.00E+00	0.00E+00	-4.63E-01	-8.11E-04	-2.04E-01	0.00E+00	2.34E-10	-7.78E-09	-3.77E-04	-5.30E-07	-3.11E-01	0.00E+00	-2.04E-01	-7.32E-06	-2.04E-01	-3.06E-01	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.44E+01
47229949	-2.23E-03	-1.74E-02	-3.41E-04	-1.72E-02	0.00E+00	0.00E+00	-4.83E-01	-1.89E-04	-1.97E-05	-1.37E-03	0.00E+00	-2.27E-06	-3.73E-10	-2.04E-08	-3.63E-02	-1.72E+00	0.00E+00	0.00E+00	-5.39E-01	-8.11E-04	-2.53E-01	0.00E+00	-2.20E-10	-8.06E-09	-4.05E-04	-5.30E-07	-3.12E-01	0.00E+00	-2.53E-01	-7.53E-06	-2.53E-01	-3.09E-01	-3.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.58E+01
47231404	-2.96E-03	-3.57E-02	-1.37E-04	-4.13E-02	0.00E+00	0.00E+00	-5.50E-01	-2.75E-04	3.14E-05	-1.77E-03	0.00E+00	0.00E+00	-4.93E-10	-3.00E-08	-7.67E-03	-6.07E-01	0.00E+00	0.00E+00	-4.71E-01	0.00E+00	-2.83E-01	0.00E+00	-3.32E-10	-5.63E-09	-4.51E-04	-2.12E-10	-1.05E-01	0.00E+00	-2.83E-01	-9.49E-06	-2.83E-01	-4.38E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
47231606	-7.15E-03	-1.11E-01	-2.03E-03	-1.09E-01	0.00E+00	0.00E+00	-1.44E+00	-4.38E-04	-2.53E-04	-3.18E-03	0.00E+00	-1.88E-05	-9.74E-10	-5.10E-08	-5.82E-03	-1.12E+00	0.00E+00	0.00E+00	-1.15E+00	-6.71E-03	-1.35E+00	0.00E+00	-4.46E-09	-1.30E-08	-9.96E-04	-4.42E-06	-2.24E-01	0.00E+00	-1.35E+00	-1.64E-05	-1.35E+00	-1.57E+00	-2.24E-01	0.00E+00	0.00E+00	0.00E+00	-4.85E+01
47231903	-1.65E-03	4.52E-03	3.76E-04	1.82E-04	0.00E+00	0.00E+00	-4.15E-01	-1.67E-04	5.97E-05	-9.07E-04	0.00E+00	0.00E+00	-1.82E-10	-1.95E-08	-1.81E-03	-1.08E+00	0.00E+00	0.00E+00	-3.66E-01	0.00E+00	-4.21E-02	0.00E+00	9.71E-10	-4.49E-09	-3.27E-04	-2.12E-10	-1.59E-01	0.00E+00	-4.21E-02	-5.87E-06	-4.21E-02	-2.84E-01	-1.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+01
47231909	-7.08E-03	-8.99E-02	-1.62E-03	-8.83E-02	0.00E+00	0.00E+00	-1.21E+00	-4.38E-04	-2.40E-04	-3.04E-03	0.00E+00	0.00E+00	-9.69E-10	-5.09E-08	-1.92E-03	-8.34E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-9.05E-01	0.00E+00	-4.38E-09	-1.25E-08	-9.54E-04	0.00E+00	-1.74E-01	0.00E+00	-9.05E-01	-1.64E-05	-9.05E-01	-1.08E+00	-1.74E-01	0.00E+00	0.00E+00	0.00E+00	-4.81E+01
47231914	-2.93E-03	-3.50E-02	-1.06E-04	-5.38E-02	0.00E+00	0.00E+00	-6.58E-01	-2.68E-04	1.22E-05	-1.18E-03	0.00E+00	-1.98E-05	-4.77E-10	-2.72E-08	-9.70E-03	-6.07E-01	0.00E+00	0.00E+00	-4.55E-01	-7.09E-03	-4.66E-01	0.00E+00	-1.18E-10	-5.47E-09	-4.37E-04	-4.75E-06	-1.15E-01	0.00E+00	-4.66E-01	-8.82E-06	-4.66E-01	-6.43E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.87E+01
47231917	-1.37E-03	9.13E-03	3.83E-04	1.25E-03	0.00E+00	0.00E+00	-4.16E-01	-1.92E-04	5.87E-05	-8.96E-04	0.00E+00	0.00E+00	-1.75E-10	-1.83E-08	-2.53E-04	-8.42E-01	0.00E+00	0.00E+00	-3.86E-01	0.00E+00	-3.02E-02	0.00E+00	1.32E-09	-4.21E-09	-3.00E-04	-2.12E-10	-1.09E-01	0.00E+00	-3.02E-02	-5.99E-06	-3.02E-02	-1.52E-01	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+01
47231922	-1.74E-03	2.41E-03	3.09E-04	-1.27E-02	0.00E+00	0.00E+00	-5.07E-01	-1.87E-04	4.69E-05	-7.78E-04	0.00E+00	-1.97E-05	-2.06E-10	-1.94E-08	-4.83E-03	-1.08E+00	0.00E+00	0.00E+00	-3.52E-01	-7.00E-03	-1.77E-01	0.00E+00	1.18E-09	-4.62E-09	-3.35E-04	-4.69E-06	-1.66E-01	0.00E+00	-1.77E-01	-6.16E-06	-1.77E-01	-3.84E-01	-1.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.37E+01
47232045	-4.57E-03	-8.14E-02	-1.55E-03	-7.99E-02	0.00E+00	0.00E+00	-1.20E+00	-4.38E-04	-2.35E-04	-2.99E-03	0.00E+00	0.00E+00	-9.67E-10	-5.09E-08	-1.72E-03	-4.90E-01	0.00E+00	0.00E+00	-1.13E+00	0.00E+00	-8.42E-01	0.00E+00	-3.88E-09	-1.21E-08	-9.39E-04	0.00E+00	-1.22E-01	0.00E+00	-8.42E-01	-1.64E-05	-8.42E-01	-9.63E-01	-1.22E-01	0.00E+00	0.00E+00	0.00E+00	-4.75E+01
47232089	5.01E-04	2.59E-02	2.01E-03	2.39E-02	0.00E+00	0.00E+00	4.81E-01	8.70E-07	3.05E-04	3.21E-04	0.00E+00	0.00E+00	8.51E-11	3.82E-09	-3.31E-02	-3.48E-01	0.00E+00	0.00E+00	3.73E-01	0.00E+00	4.53E-01	0.00E+00	4.06E-09	1.81E-09	1.06E-04	0.00E+00	-5.34E-03	0.00E+00	4.53E-01	9.22E-08	4.53E-01	4.48E-01	-5.34E-03	0.00E+00	0.00E+00	0.00E+00	1.35E+01
47236003	-3.39E-03	-3.17E-02	3.63E-04	-2.99E-02	0.00E+00	0.00E+00	-5.21E-01	-2.70E-04	-7.09E-06	-1.54E-03	0.00E+00	-2.16E-07	-4.80E-10	-3.22E-08	-1.28E-03	-6.51E-01	0.00E+00	0.00E+00	-5.25E-01	-7.72E-05	-2.30E-01	0.00E+00	1.41E-10	-5.95E-09	-5.10E-04	-5.10E-08	-1.14E-01	0.00E+00	-2.30E-01	-1.02E-05	-2.30E-01	-3.49E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.13E+01
47236022	-3.46E-03	-3.29E-02	3.74E-04	-3.02E-02	0.00E+00	0.00E+00	-5.22E-01	-2.66E-04	-7.97E-06	-1.51E-03	0.00E+00	-2.16E-07	-4.69E-10	-3.18E-08	-2.10E-03	-9.88E-01	0.00E+00	0.00E+00	-5.49E-01	-7.72E-05	-2.14E-01	0.00E+00	3.17E-11	-6.30E-09	-5.00E-04	-5.10E-08	-1.43E-01	0.00E+00	-2.14E-01	-1.02E-05	-2.14E-01	-3.42E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
47236084	-7.10E-03	-9.01E-02	-1.80E-03	-8.83E-02	0.00E+00	0.00E+00	-1.25E+00	-4.38E-04	-2.42E-04	-3.06E-03	0.00E+00	0.00E+00	-9.69E-10	-5.09E-08	-9.97E-02	-4.98E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-1.13E+00	0.00E+00	-4.45E-09	-1.25E-08	-9.68E-04	0.00E+00	-1.27E-01	0.00E+00	-1.13E+00	-1.64E-05	-1.13E+00	-1.25E+00	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-4.80E+01
47236086	-7.08E-03	-8.49E-02	-1.61E-03	-8.33E-02	0.00E+00	0.00E+00	-1.21E+00	-4.38E-04	-2.39E-04	-3.03E-03	0.00E+00	0.00E+00	-9.68E-10	-5.09E-08	-1.89E-03	-4.96E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-8.96E-01	0.00E+00	-4.31E-09	-1.24E-08	-9.51E-04	0.00E+00	-1.24E-01	0.00E+00	-8.96E-01	-1.64E-05	-8.96E-01	-1.02E+00	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-4.80E+01
47236089	-7.08E-03	-8.49E-02	-1.61E-03	-8.33E-02	0.00E+00	0.00E+00	-1.21E+00	-4.38E-04	-2.39E-04	-3.03E-03	0.00E+00	0.00E+00	-9.68E-10	-5.09E-08	-1.89E-03	-4.96E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-8.96E-01	0.00E+00	-4.31E-09	-1.24E-08	-9.51E-04	0.00E+00	-1.24E-01	0.00E+00	-8.96E-01	-1.64E-05	-8.96E-01	-1.02E+00	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-4.80E+01
47238903	-3.32E-03	-3.80E-02	1.86E-04	-3.11E-02	0.00E+00	0.00E+00	-5.69E-01	-2.69E-04	-1.83E-05	-1.69E-03	0.00E+00	-2.16E-07	-4.89E-10	-3.10E-08	-1.01E-02	-6.56E-01	0.00E+00	0.00E+00	-5.37E-01	-7.72E-05	-2.80E-01	0.00E+00	-6.58E-10	-6.29E-09	-5.82E-04	-5.10E-08	-1.21E-01	0.00E+00	-2.80E-01	-1.05E-05	-2.80E-01	-3.78E-01	-1.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
47238907	-3.32E-03	-3.13E-02	4.45E-04	-2.76E-02	0.00E+00	0.00E+00	-5.03E-01	-2.62E-04	1.03E-05	-1.50E-03	0.00E+00	-2.16E-07	-4.55E-10	-3.05E-08	-1.58E-03	-6.23E-01	0.00E+00	0.00E+00	-5.05E-01	-7.72E-05	-1.87E-01	0.00E+00	9.81E-11	-5.70E-09	-4.87E-04	-5.10E-08	-1.01E-01	0.00E+00	-1.87E-01	-9.95E-06	-1.87E-01	-3.42E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
47238914	-2.96E-03	-2.74E-02	4.11E-04	-2.71E-02	0.00E+00	0.00E+00	-5.05E-01	-2.65E-04	6.24E-06	-1.46E-03	0.00E+00	0.00E+00	-4.27E-10	-3.05E-08	-4.63E-04	-3.70E-01	0.00E+00	0.00E+00	-4.81E-01	0.00E+00	-1.89E-01	0.00E+00	3.73E-10	-5.37E-09	-4.72E-04	-2.12E-10	-5.91E-02	0.00E+00	-1.89E-01	-9.72E-06	-1.89E-01	-3.52E-01	-5.91E-02	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
47238917	-1.37E-03	9.13E-03	3.83E-04	1.25E-03	0.00E+00	0.00E+00	-4.16E-01	-1.92E-04	5.87E-05	-8.96E-04	0.00E+00	0.00E+00	-1.75E-10	-1.83E-08	-2.53E-04	-8.42E-01	0.00E+00	0.00E+00	-3.86E-01	0.00E+00	-3.02E-02	0.00E+00	1.32E-09	-4.21E-09	-3.00E-04	-2.12E-10	-1.09E-01	0.00E+00	-3.02E-02	-5.99E-06	-3.02E-02	-1.52E-01	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+01
47238922	-3.64E-03	9.07E-03	4.21E-04	8.65E-03	0.00E+00	0.00E+00	-5.60E-01	-3.72E-04	-1.07E-04	-1.85E-03	0.00E+00	0.00E+00	-4.00E-10	-4.24E-08	1.03E-03	-3.01E-01	0.00E+00	0.00E+00	-4.77E-01	0.00E+00	8.63E-02	0.00E+00	1.51E-09	-5.77E-09	-5.27E-04	0.00E+00	-3.54E-02	0.00E+00	8.63E-02	-1.37E-05	8.63E-02	5.08E-02	-3.54E-02	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
47238982	-2.84E-03	-2.52E-02	3.11E-04	-1.98E-02	0.00E+00	0.00E+00	-4.68E-01	-2.36E-04	9.45E-06	-1.33E-03	0.00E+00	0.00E+00	-3.61E-10	-2.63E-08	7.86E-04	-4.01E-01	0.00E+00	0.00E+00	-5.20E-01	0.00E+00	-1.77E-01	0.00E+00	3.70E-10	-5.09E-09	-4.58E-04	-2.12E-10	-5.87E-02	0.00E+00	-1.77E-01	-9.33E-06	-1.77E-01	-3.24E-01	-5.87E-02	0.00E+00	0.00E+00	0.00E+00	-1.83E+01
47238989	-7.08E-03	-8.49E-02	-1.61E-03	-8.33E-02	0.00E+00	0.00E+00	-1.21E+00	-4.38E-04	-2.39E-04	-3.03E-03	0.00E+00	0.00E+00	-9.68E-10	-5.09E-08	-1.89E-03	-4.96E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-8.96E-01	0.00E+00	-4.31E-09	-1.24E-08	-9.51E-04	0.00E+00	-1.24E-01	0.00E+00	-8.96E-01	-1.64E-05	-8.96E-01	-1.02E+00	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-4.80E+01
47241404	-4.48E-03	-7.61E-02	-6.27E-04	-7.57E-02	0.00E+00	0.00E+00	-7.34E-01	-2.99E-04	-8.62E-05	-1.88E-03	0.00E+00	-2.27E-06	-6.75E-10	-3.39E-08	-4.59E-02	-1.57E+00	0.00E+00	0.00E+00	-6.31E-01	-8.11E-04	-5.93E-01	0.00E+00	-1.69E-09	-8.84E-09	-6.73E-04	-5.44E-07	-2.40E-01	0.00E+00	-5.93E-01	-1.13E-05	-5.93E-01	-6.96E-01	-2.40E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
47241606	-4.82E-03	-7.47E-02	-3.68E-04	-7.75E-02	0.00E+00	0.00E+00	-8.10E-01	-2.90E-04	-6.22E-05	-1.94E-03	0.00E+00	-1.63E-05	-7.09E-10	-3.31E-08	-1.29E-02	-1.60E+00	0.00E+00	0.00E+00	-6.38E-01	-5.78E-03	-7.80E-01	0.00E+00	-6.25E-10	-9.19E-09	-7.13E-04	-3.76E-06	-2.68E-01	0.00E+00	-7.80E-01	-1.19E-05	-7.80E-01	-9.50E-01	-2.68E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+01
47241909	-1.71E-03	3.68E-03	2.80E-04	-1.33E-02	0.00E+00	0.00E+00	-3.89E-01	-1.70E-04	5.06E-05	-1.09E-03	0.00E+00	0.00E+00	-1.82E-10	-2.00E-08	-4.96E-04	-1.68E+00	0.00E+00	0.00E+00	-3.84E-01	0.00E+00	-5.40E-02	0.00E+00	1.49E-09	-5.38E-09	-2.79E-04	-2.12E-10	-2.36E-01	0.00E+00	-5.40E-02	-7.24E-06	-5.40E-02	-3.72E-01	-2.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.93E+01
47248982	-3.05E-03	-3.23E-02	1.78E-05	-3.29E-02	0.00E+00	0.00E+00	-4.92E-01	-2.54E-04	1.75E-05	-1.56E-03	0.00E+00	0.00E+00	-4.26E-10	-2.96E-08	3.55E-05	-1.59E+00	0.00E+00	0.00E+00	-4.24E-01	0.00E+00	-1.91E-01	0.00E+00	4.37E-10	-6.10E-09	-4.91E-04	-2.12E-10	-2.30E-01	0.00E+00	-1.91E-01	-1.05E-05	-1.91E-01	-4.73E-01	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	-2.29E+01
47248989	-2.84E-03	-3.46E-02	-3.72E-04	-3.43E-02	0.00E+00	0.00E+00	-7.36E-01	-3.00E-04	-4.09E-05	-1.74E-03	0.00E+00	0.00E+00	-7.80E-10	-3.35E-08	5.12E-05	-2.67E-01	0.00E+00	0.00E+00	-7.20E-01	0.00E+00	-3.44E-01	0.00E+00	-1.81E-10	-7.77E-09	-5.90E-04	0.00E+00	-6.57E-02	0.00E+00	-3.44E-01	-8.91E-06	-3.44E-01	-4.10E-01	-6.57E-02	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
47271404	-3.32E-03	-3.15E-02	9.99E-05	-2.31E-02	0.00E+00	0.00E+00	-4.97E-01	-2.34E-04	4.75E-05	-1.44E-03	0.00E+00	-2.27E-06	-3.60E-10	-2.56E-08	-3.99E-02	-1.02E+00	0.00E+00	0.00E+00	-5.10E-01	-8.11E-04	-2.03E-01	0.00E+00	4.14E-10	-5.48E-09	-4.31E-04	-4.99E-07	-1.56E-01	0.00E+00	-2.03E-01	-8.53E-06	-2.03E-01	-3.33E-01	-1.56E-01	0.00E+00	0.00E+00	0.00E+00	-1.99E+01
47271606	-2.98E-03	-2.48E-02	1.29E-04	-3.66E-02	0.00E+00	0.00E+00	-5.80E-01	-2.51E-04	3.05E-05	-1.37E-03	0.00E+00	-1.15E-05	-3.91E-10	-2.64E-08	-1.49E-03	-6.89E-01	0.00E+00	0.00E+00	-5.93E-01	-4.11E-03	-3.82E-01	0.00E+00	4.44E-10	-5.34E-09	-4.16E-04	-2.74E-06	-1.19E-01	0.00E+00	-3.82E-01	-8.42E-06	-3.82E-01	-4.15E-01	-1.19E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
47271909	-2.69E-03	-2.58E-02	2.43E-04	-2.62E-02	0.00E+00	0.00E+00	-4.82E-01	-1.86E-04	5.00E-05	-1.15E-03	0.00E+00	0.00E+00	-3.16E-10	-2.19E-08	-2.82E-05	-6.99E-01	0.00E+00	0.00E+00	-4.72E-01	0.00E+00	-1.23E-01	0.00E+00	5.70E-10	-4.73E-09	-3.36E-04	-2.12E-10	-1.20E-01	0.00E+00	-1.23E-01	-7.34E-06	-1.23E-01	-3.17E-01	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-1.69E+01
47272045	-1.05E-03	2.57E-03	5.39E-05	-6.15E-04	0.00E+00	0.00E+00	-4.97E-01	-1.97E-04	1.41E-05	-5.21E-04	0.00E+00	-4.65E-10	-4.09E-10	-2.36E-08	-5.69E-02	-5.57E-01	0.00E+00	0.00E+00	-3.10E-01	0.00E+00	4.65E-03	0.00E+00	6.22E-10	-2.03E-09	-4.42E-04	-2.09E-10	-1.02E-01	0.00E+00	4.65E-03	-6.35E-06	4.65E-03	-2.46E-01	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
47272089	-1.25E-03	-2.75E-02	1.87E-04	-2.77E-02	0.00E+00	0.00E+00	-3.36E-01	-1.31E-04	-4.23E-05	-6.18E-04	0.00E+00	-4.65E-10	-3.79E-10	-1.46E-08	-6.12E-02	-6.27E-01	0.00E+00	0.00E+00	-3.10E-01	0.00E+00	-1.79E-01	0.00E+00	8.28E-10	-3.29E-09	-3.34E-04	-2.09E-10	-8.97E-02	0.00E+00	-1.79E-01	-6.24E-06	-1.79E-01	-3.10E-01	-8.97E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
47276084	-3.58E-03	-3.92E-02	-1.60E-04	-3.20E-02	0.00E+00	0.00E+00	-6.05E-01	-2.83E-04	-1.33E-05	-1.84E-03	0.00E+00	-2.27E-06	-5.41E-10	-3.17E-08	-5.25E-02	-6.75E-01	0.00E+00	0.00E+00	-6.43E-01	-8.11E-04	-3.06E-01	0.00E+00	-1.22E-09	-7.03E-09	-5.72E-04	-4.99E-07	-1.18E-01	0.00E+00	-3.06E-01	-1.02E-05	-3.06E-01	-3.64E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
47276086	-3.89E-03	-2.30E-02	1.25E-04	-2.79E-02	0.00E+00	0.00E+00	-6.17E-01	-3.12E-04	1.39E-05	-1.72E-03	0.00E+00	-2.59E-06	-4.56E-10	-3.61E-08	1.05E-04	-1.18E+00	0.00E+00	0.00E+00	-6.10E-01	-9.26E-04	-1.33E-01	0.00E+00	4.60E-10	-6.20E-09	-4.83E-04	-6.27E-07	-1.15E-01	0.00E+00	-1.33E-01	-9.79E-06	-1.33E-01	-3.56E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-2.44E+01
47276089	-2.98E-03	-2.13E-02	2.76E-04	-2.69E-02	0.00E+00	0.00E+00	-5.25E-01	-2.35E-04	4.09E-05	-1.27E-03	0.00E+00	0.00E+00	-4.19E-10	-2.61E-08	1.50E-04	-4.23E-01	0.00E+00	0.00E+00	-4.34E-01	0.00E+00	-9.00E-02	0.00E+00	7.28E-10	-5.14E-09	-4.04E-04	-2.12E-10	-8.13E-02	0.00E+00	-9.00E-02	-9.07E-06	-9.00E-02	-3.22E-01	-8.13E-02	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
47278982	-2.92E-03	-3.25E-02	1.20E-04	-2.00E-02	0.00E+00	0.00E+00	-4.96E-01	-2.44E-04	6.99E-06	-1.52E-03	0.00E+00	0.00E+00	-3.73E-10	-2.78E-08	-4.47E-04	-4.82E-01	0.00E+00	0.00E+00	-5.88E-01	0.00E+00	-1.56E-01	0.00E+00	6.56E-10	-5.88E-09	-5.08E-04	-2.12E-10	-6.66E-02	0.00E+00	-1.56E-01	-1.04E-05	-1.56E-01	-2.88E-01	-6.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.36E+01
47278989	-2.75E-03	-2.00E-02	3.07E-04	-2.38E-02	0.00E+00	0.00E+00	-4.89E-01	-2.32E-04	4.50E-05	-1.23E-03	0.00E+00	0.00E+00	-3.26E-10	-2.49E-08	2.09E-04	-4.30E-01	0.00E+00	0.00E+00	-4.64E-01	0.00E+00	-9.91E-02	0.00E+00	8.94E-10	-4.42E-09	-3.25E-04	-2.12E-10	-7.65E-02	0.00E+00	-9.91E-02	-8.16E-06	-9.91E-02	-3.01E-01	-7.65E-02	0.00E+00	0.00E+00	0.00E+00	-1.67E+01

47287103	-3.52E-03	-4.61E-02	-1.24E-04	-3.55E-02	0.00E+00	0.00E+00	-5.25E-01	-2.67E-04	1.29E-05	-1.65E-03	0.00E+00	-2.27E-06	-5.91E-10	-3.17E-08	-5.13E-02	-1.25E+00	0.00E+00	0.00E+00	-5.02E-01	-8.11E-04	-2.82E-01	0.00E+00	-5.88E-10	-7.18E-09	-5.41E-04	-5.14E-07	-1.94E-01	0.00E+00	-2.82E-01	-1.07E-05	-2.82E-01	-3.88E-01	-1.94E-01	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
47287106	-3.55E-03	-3.83E-02	-8.54E-05	-3.35E-02	0.00E+00	0.00E+00	-5.42E-01	-2.43E-04	2.91E-05	-1.63E-03	0.00E+00	-2.27E-06	-5.98E-10	-2.75E-08	-4.00E-02	-1.13E+00	0.00E+00	0.00E+00	-5.44E-01	-8.11E-04	-3.03E-01	0.00E+00	-8.14E-10	-6.71E-09	-5.32E-04	-4.99E-07	-1.75E-01	0.00E+00	-3.03E-01	-9.38E-06	-3.03E-01	-4.00E-01	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-2.32E+01
47287109	-2.99E-03	-3.11E-02	6.89E-05	-3.31E-02	0.00E+00	0.00E+00	-5.10E-01	-2.18E-04	5.76E-05	-1.28E-03	0.00E+00	0.00E+00	-5.30E-10	-2.54E-08	-5.26E-04	-8.73E-01	0.00E+00	0.00E+00	-4.69E-01	0.00E+00	-2.30E-01	0.00E+00	-3.32E-10	-5.94E-09	-4.45E-04	-2.12E-10	-1.35E-01	0.00E+00	-2.30E-01	-8.63E-06	-2.30E-01	-3.82E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
47357002	-3.08E-03	-3.39E-02	1.18E-04	-3.40E-02	0.00E+00	0.00E+00	-5.22E-01	-2.56E-04	4.24E-05	-1.55E-03	0.00E+00	0.00E+00	-5.55E-10	-3.04E-08	-8.98E-04	-8.22E-01	0.00E+00	0.00E+00	-4.57E-01	0.00E+00	-2.38E-01	0.00E+00	-9.38E-10	-6.58E-09	-4.97E-04	-2.12E-10	-1.27E-01	0.00E+00	-2.38E-01	-9.91E-06	-2.38E-01	-3.94E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.35E+01
47357003	-3.13E-03	-2.59E-02	3.25E-04	-2.41E-02	0.00E+00	0.00E+00	-4.86E-01	-2.59E-04	1.75E-05	-1.51E-03	0.00E+00	0.00E+00	-4.16E-10	-3.14E-08	1.74E-03	-1.04E+00	0.00E+00	0.00E+00	-4.11E-01	0.00E+00	-1.22E-01	0.00E+00	1.07E-09	-6.01E-09	-5.01E-04	-2.12E-10	-1.51E-01	0.00E+00	-1.22E-01	-1.05E-05	-1.22E-01	-3.41E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-2.21E+01
47357004	-9.30E-04	5.37E-02	2.26E-03	5.14E-02	0.00E+00	0.00E+00	3.27E-01	-1.37E-04	1.71E-04	-2.32E-04	0.00E+00	0.00E+00	-6.00E-11	-1.29E-08	3.68E-03	8.07E-03	0.00E+00	0.00E+00	2.50E-01	0.00E+00	8.43E-01	0.00E+00	6.82E-09	7.44E-10	-4.56E-05	0.00E+00	6.02E-02	0.00E+00	8.43E-01	-7.09E-06	8.43E-01	9.04E-01	6.02E-02	0.00E+00	0.00E+00	0.00E+00	7.51E+00
47357006	-3.98E-04	-4.48E-02	2.50E-04	-4.51E-02	0.00E+00	0.00E+00	-1.37E-01	-6.50E-05	1.91E-04	-6.43E-04	0.00E+00	0.00E+00	-4.79E-10	-4.67E-09	-2.64E-06	-5.30E-01	0.00E+00	0.00E+00	-2.74E-01	0.00E+00	-3.66E-01	0.00E+00	-9.11E-10	-4.33E-09	-2.66E-04	0.00E+00	-8.86E-02	0.00E+00	-3.66E-01	-2.63E-06	-3.66E-01	-4.54E-01	-8.86E-02	0.00E+00	0.00E+00	0.00E+00	-1.22E+01
47357009	-4.17E-03	1.47E-03	2.80E-04	1.19E-03	0.00E+00	0.00E+00	-6.87E-01	-4.21E-04	-1.64E-04	-2.16E-03	0.00E+00	0.00E+00	-4.63E-10	-4.85E-08	1.12E-03	-3.37E-01	0.00E+00	0.00E+00	-5.67E-01	0.00E+00	1.01E-01	0.00E+00	1.71E-09	-6.57E-09	-6.11E-04	0.00E+00	-4.29E-02	0.00E+00	1.01E-01	-1.57E-05	1.01E-01	5.85E-02	-4.29E-02	0.00E+00	0.00E+00	0.00E+00	-2.58E+01
47357113	-3.15E-03	-3.94E-02	1.46E-04	-3.76E-02	0.00E+00	0.00E+00	-5.69E-01	-2.63E-04	1.07E-05	-1.51E-03	0.00E+00	0.00E+00	-5.75E-10	-3.07E-08	-2.94E-03	-1.11E+00	0.00E+00	0.00E+00	-5.15E-01	0.00E+00	-2.91E-01	0.00E+00	-8.54E-10	-6.76E-09	-5.11E-04	-2.12E-10	-1.70E-01	0.00E+00	-2.91E-01	-9.98E-06	-2.91E-01	-4.85E-01	-1.70E-01	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
47357115	-3.20E-03	-3.67E-02	1.73E-04	-5.11E-02	0.00E+00	0.00E+00	-6.49E-01	-2.64E-04	8.37E-06	-1.52E-03	0.00E+00	-1.97E-05	-5.83E-10	-3.13E-08	-5.21E-03	-1.01E+00	0.00E+00	0.00E+00	-5.51E-01	-7.00E-03	-4.09E-01	0.00E+00	-6.87E-10	-6.46E-09	-4.67E-04	-4.69E-06	-1.72E-01	0.00E+00	-4.09E-01	-9.43E-06	-4.09E-01	-6.22E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-2.01E+01
47387003	-3.62E-03	-4.55E-02	-2.25E-04	-3.56E-02	0.00E+00	0.00E+00	-5.98E-01	-2.74E-04	-6.24E-06	-1.78E-03	0.00E+00	-2.27E-06	-6.31E-10	-3.12E-08	-5.17E-02	-1.15E+00	0.00E+00	0.00E+00	-5.45E-01	-8.11E-04	-3.93E-01	0.00E+00	-1.39E-09	-7.34E-09	-5.94E-04	-5.30E-07	-1.73E-01	0.00E+00	-3.93E-01	-1.06E-05	-3.93E-01	-4.12E-01	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E+01
47387006	-3.68E-03	-3.97E-02	-8.52E-05	-3.68E-02	0.00E+00	0.00E+00	-5.37E-01	-2.80E-04	2.63E-06	-1.99E-03	0.00E+00	-2.27E-06	-6.59E-10	-3.20E-08	-4.23E-02	-1.14E+00	0.00E+00	0.00E+00	-5.64E-01	-8.11E-04	-3.18E-01	0.00E+00	-1.07E-09	-7.32E-09	-5.88E-04	-5.30E-07	-1.76E-01	0.00E+00	-3.18E-01	-1.05E-05	-3.18E-01	-4.12E-01	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
47387009	-3.11E-03	-3.32E-02	1.26E-04	-3.40E-02	0.00E+00	0.00E+00	-5.17E-01	-2.59E-04	3.79E-05	-1.54E-03	0.00E+00	0.00E+00	-5.58E-10	-3.09E-08	-6.82E-04	-9.20E-01	0.00E+00	0.00E+00	-4.48E-01	0.00E+00	-2.29E-01	0.00E+00	-7.56E-10	-6.53E-09	-4.98E-04	-2.12E-10	-1.39E-01	0.00E+00	-2.29E-01	-9.97E-06	-2.29E-01	-3.94E-01	-1.39E-01	0.00E+00	0.00E+00	0.00E+00	-2.29E+01
47393505	-1.77E-03	6.79E-02	3.36E-03	6.46E-02	0.00E+00	0.00E+00	-1.51E-01	-2.89E-04	5.07E-04	-5.09E-04	0.00E+00	0.00E+00	-2.09E-10	-2.68E-08	7.64E-03	-8.05E-01	0.00E+00	0.00E+00	1.04E-01	0.00E+00	1.30E+00	0.00E+00	1.23E-08	-1.73E-10	-1.21E-04	0.00E+00	-5.37E-02	0.00E+00	1.30E+00	-8.03E-06	1.30E+00	1.25E+00	-5.37E-02	0.00E+00	0.00E+00	0.00E+00	-2.64E+00
47397003	-3.56E-03	-3.64E-02	-2.32E-06	-3.37E-02	0.00E+00	0.00E+00	-5.25E-01	-2.65E-04	3.32E-05	-1.69E-03	0.00E+00	-2.27E-06	-5.74E-10	-3.07E-08	-4.64E-02	-1.17E+00	0.00E+00	0.00E+00	-4.96E-01	-8.11E-04	-2.71E-01	0.00E+00	-9.99E-10	-6.81E-09	-5.07E-04	-4.99E-07	-1.80E-01	0.00E+00	-2.71E-01	-1.02E-05	-2.71E-01	-3.85E-01	-1.80E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
47397006	-3.23E-03	-3.61E-02	-1.44E-04	-3.28E-02	0.00E+00	0.00E+00	-4.74E-01	-2.04E-04	3.05E-05	-1.31E-03	0.00E+00	-2.27E-06	-4.05E-10	-2.38E-08	-4.02E-02	-1.12E+00	0.00E+00	0.00E+00	-3.80E-01	-8.11E-04	-2.12E-01	0.00E+00	-8.84E-10	-4.87E-09	-4.00E-04	-4.99E-07	-1.86E-01	0.00E+00	-2.12E-01	-8.28E-06	-2.12E-01	-3.61E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.69E+01
47397009	-3.12E-03	-3.20E-02	1.18E-04	-3.35E-02	0.00E+00	0.00E+00	-5.14E-01	-2.59E-04	4.47E-05	-1.56E-03	0.00E+00	0.00E+00	-5.36E-10	-3.07E-08	-7.40E-04	-9.79E-01	0.00E+00	0.00E+00	-4.54E-01	0.00E+00	-2.14E-01	0.00E+00	-6.50E-10	-6.30E-09	-4.85E-04	-2.12E-10	-1.49E-01	0.00E+00	-2.14E-01	-9.90E-06	-2.14E-01	-3.85E-01	-1.49E-01	0.00E+00	0.00E+00	0.00E+00	-2.25E+01
47397013	-3.18E-03	-3.42E-02	1.60E-04	-3.22E-02	0.00E+00	0.00E+00	-5.69E-01	-2.72E-04	1.58E-05	-1.52E-03	0.00E+00	0.00E+00	-5.58E-10	-3.11E-08	-2.49E-03	-9.84E-01	0.00E+00	0.00E+00	-4.70E-01	0.00E+00	-2.56E-01	0.00E+00	-1.14E-09	-6.60E-09	-5.24E-04	-2.12E-10	-1.47E-01	0.00E+00	-2.56E-01	-9.69E-06	-2.56E-01	-3.89E-01	-1.47E-01	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
47397014	-3.19E-03	-3.01E-02	7.82E-05	-4.79E-02	0.00E+00	0.00E+00	-6.84E-01	-2.70E-04	6.49E-06	-1.55E-03	0.00E+00	-1.64E-05	-5.75E-10	-3.19E-08	-4.83E-03	-1.00E+00	0.00E+00	0.00E+00	-5.16E-01	-5.85E-03	-4.46E-01	0.00E+00	-2.30E-10	-6.71E-09	-4.88E-04	-3.99E-06	-1.61E-01	0.00E+00	-4.46E-01	-9.86E-06	-4.46E-01	-4.96E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-2.13E+01
47397015	-3.19E-03	-2.88E-02	1.02E-04	-4.79E-02	0.00E+00	0.00E+00	-6.82E-01	-2.73E-04	5.97E-06	-1.55E-03	0.00E+00	-1.64E-05	-5.80E-10	-3.20E-08	-4.75E-03	-1.00E+00	0.00E+00	0.00E+00	-5.19E-01	-5.85E-03	-4.46E-01	0.00E+00	-6.86E-11	-6.77E-09	-4.88E-04	-3.99E-06	-1.61E-01	0.00E+00	-4.46E-01	-9.83E-06	-4.46E-01	-4.96E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-2.17E+01
47397114	-3.28E-03	-3.35E-02	5.31E-05	-4.86E-02	0.00E+00	0.00E+00	-6.85E-01	-2.73E-04	-4.50E-06	-1.63E-03	0.00E+00	-1.64E-05	-6.00E-10	-3.20E-08	-5.65E-03	-1.24E+00	0.00E+00	0.00E+00	-5.51E-01	-5.82E-03	-4.59E-01	0.00E+00	-1.11E-10	-7.05E-09	-5.02E-04	-3.95E-06	-1.98E-01	0.00E+00	-4.59E-01	-1.00E-05	-4.59E-01	-4.93E-01	-1.98E-01	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
47397115	-3.28E-03	-3.05E-02	1.92E-04	-4.59E-02	0.00E+00	0.00E+00	-6.47E-01	-2.82E-04	1.44E-05	-1.60E-03	0.00E+00	-1.63E-05	-5.89E-10	-3.19E-08	-5.44E-03	-1.15E+00	0.00E+00	0.00E+00	-5.31E-01	-5.81E-03	-3.92E-01	0.00E+00	-1.37E-10	-6.72E-09	-4.68E-04	-3.94E-06	-1.88E-01	0.00E+00	-3.92E-01	-9.47E-06	-3.92E-01	-4.86E-01	-1.88E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+01
47403512	-4.17E-03	-1.30E-01	-4.13E-03	-1.26E-01	0.00E+00	0.00E+00	-1.65E+00	-3.83E-04	-2.31E-04	-2.96E-03	0.00E+00	-1.00E-15	-5.27E-10	-4.47E-08	-1.66E+00	-9.25E-01	0.00E+00	0.00E+00	-7.87E-01	-1.00E-15	-4.32E+00	0.00E+00	-4.47E-09	-1.14E-08	-9.46E-04	0.00E+00	-2.00E-01	0.00E+00	-4.32E+00	-1.41E-05	-4.32E+00	-4.52E+00	-2.00E-01	0.00E+00	0.00E+00	0.00E+00	-3.29E+01
47403515	-5.19E-04	3.99E-02	1.42E-03	3.85E-02	0.00E+00	0.00E+00	-3.21E-02	-9.05E-05	2.03E-04	4.97E-05	0.00E+00	0.00E+00	-2.49E-10	-8.29E-09	5.66E-03	-5.12E-01	0.00E+00	0.00E+00	-1.25E-01	0.00E+00	8.36E-01	0.00E+00	8.60E-09	1.19E-10	5.22E-06	0.00E+00	-5.55E-02	0.00E+00	8.36E-01	-5.74E-06	8.36E-01	7.80E-01	-5.55E-02	0.00E+00	0.00E+00	0.00E+00	-1.05E+01
47403521	-1.87E-03	-1.39E-01	-3.29E-03	-1.35E-01	0.00E+00	0.00E+00	-1.15E+00	-2.03E-04	-1.57E-04	-2.02E-03	0.00E+00	-4.65E-10	-5.09E-10	-2.74E-08	-6.77E-01	-8.14E-01	0.00E+00	0.00E+00	-7.52E-01	0.00E+00	-1.86E+00	0.00E+00	-3.52E-09	-1.06E-08	-7.59E-04	-2.09E-10	-1.87E-01	0.00E+00	-1.86E+00	-5.52E-06	-1.86E+00	-2.19E+00	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-3.01E+01
47403523	-1.87E-03	-1.39E-01	-3.29E-03	-1.35E-01	0.00E+00	0.00E+00	-1.15E+00	-2.03E-04	-1.57E-04	-2.02E-03	0.00E+00	-4.65E-10	-5.09E-10	-2.74E-08	-6.77E-01	-8.14E-01	0.00E+00	0.00E+00	-7.52E-01	0.00E+00	-1.86E+00	0.00E+00	-3.52E-09	-1.06E-08	-7.59E-04	-2.09E-10	-1.87E-01	0.00E+00	-1.86E+00	-5.52E-06	-1.86E+00	-2.19E+00	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-3.01E+01
47403524	-1.87E-03	-1.46E-01	-3.27E-03	-1.40E-01	0.00E+00	0.00E+00	-1.16E+00	-2.03E-04	-1.52E-04	-2.02E-03	0.00E+00	-4.65E-10	-4.88E-10	-2.76E-08	-6.77E-01	-7.96E-01	0.00E+00	0.00E+00	-7.31E-01	0.00E+00	-1.84E+00	0.00E+00	-3.43E-09	-1.02E-08	-7.58E-04	-2.09E-10	-1.88E-01	0.00E+00	-1.84E+00	-5.91E-06	-1.84E+00	-2.19E+00	-1.88E-01	0.00E+00	0.00E+00	0.00E+00	-2.96E+01
47403527	-1.81E-03	-1.48E-01	-3.34E-03	-1.44E-01	0.00E+00	0.00E+00	-1.16E+00	-2.03E-04	-1.52E-04	-2.04E-03	0.00E+00	-4.65E-10	-4.88E-10	-2.73E-08	-6.77E-01	-8.23E-01	0.00E+00	0.00E+00	-7.11E-01	0.00E+00	-1.84E+00	0.00E+00	-3.43E-09	-1.03E-08	-7.79E-04	-2.09E-10	-1.95E-01	0.00E+00	-1.84E+00	-5.66E-06	-1.84E+00	-2.24E+00	-1.95E-01	0.00E+00	0.00E+00	0.00E+00	-2.87E+01
47403533	-1.87E-03	-1.39E-01	-3.29E-03	-1.35E-01	0.00E+00	0.00E+00	-1.15E+00	-2.03E-04	-1.59E-04	-2.02E-03	0.00E+00	-4.65E-10	-5.09E-10	-2.74E-08	-6.77E-01	-8.13E-01	0.00E+00	0.00E+00	-7.49E-01	0.00E+00	-1.86E+00	0.00E+00	-3.59E-09	-1.06E-08	-7.60E-04	-2.09E-10	-1.84E-01	0.00E+00	-1.86E+00	-5.52E-06	-1.86E+00	-2.19E+00	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-3.01E+01
47413512	-1.79E-03	-1.44E-01	-3.60E-03	-1.35E-01	0.00E+00	0.00E+00	-1.16E+00	-1.98E-04	-1.39E-04	-2.01E-03	0.00E+00	-4.65E-10	-5.41E-10	-2.65E-08	-1.10E+00	-1.10E+00	0.00E+00	0.00E+00	-7.84E-01	0.00E+00	-2.48E+00	0.00E+00	-4.03E-09	-1.05E-08	-7.33E-04	-2.09E-10	-2.29E-01	0.00E+00	-2.48E+00	-4.67E-06	-2.48E+00	-2.62E+00	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	-3.20E+01
47413515	-5.89E-04	5.25E-02	1.63E-03	5.08E-02	0.00E+00	0.00E+00	1.01E-03	-1.01E-04	2.01E-04	1.06E-04	0.00E+00	0.00E+00	-2.09E-10	-9.56E-09	6.15E-03	-3.53E-01	0.00E+00	0.00E+00	-7.30E-02	0.00E+00	9.95E-01	0.00E+00	9.68E-09	7.89E-10	3.27E-05	0.00E+00	-2.53E-02	0.00E+00	9.95E-01	-6.04E-06	9.95E-01	9.70E-01	-2.53E-02	0.00E+00	0.00E+00	0.00E+00	-8.60E+00
47413522	-2.55E-03	-1.45E-01	-3.63E-03	-1.35E-01	0.00E+00	0.00E+00	-1.22E+00	-2.23E-04	-1.38E-04	-2.09E-03	0.00E+00	-4.65E-10	-5.92E-10	-2.78E-08	-1.04E+00	-1.38E+00	0.00E+00	0.00E+00	-7.95E-01	0.00E+00	-2.48E+00	0.00E+00	-4.13E-09	-1.07E-08	-7.25E-04	-2.09E-10	-2.41E-01	0.00E+00	-2.48E+00	-5.10E-06	-2.48E+00	-2.59E+00	-2.41E-01	0.00E+00	0.00E+00	0.00E+00	-3.20E+01
47413525	-2.49E-03	-1.45E-01	-3.62E-03	-1.36E-01	0.00E+00	0.00E+00	-1.19E+00	-2.21E-04	-1.34E-04	-2.05E-03	0.00E+00	-4.65E-10	-6.02E-10	-2.68E-08	-1.15E+00	-1.43E+00	0.00E+00	0.00E+00	-8.24E-01	0.00E+00	-2.49E+00	0.00E+00	-4.13E-09	-1.07E-08	-7.27E-04	-2.09E-10	-2.50E-01	0.00E+00	-2.49E+00	-5.09E-06	-2.49E+00	-2.61E+00	-2.50E-01	0.00E+00	0.00E+00	0.00E+00	-3.23E+01
47428982	-3.31E-03	-3.33E-02	-6.92E-05	-3.82E-02	0.00E+00	0.00E+00	-5.23E-01	-2.85E-04	-1.68E-05	-1.90E-03	0.00E+00	0.00E+00	-4.71E-10	-3.14E-08	-9.82E-03	-4.10E-01	0.00E+00	0.00E+00	-4.43E-01	0.00E+00	-2.08E-01	0.00E+00	-4.22E-11	-6.52E-09	-5.53E-04	-2.12E-10	-6.91E-02	0.00E+00	-2.08E-01	-1.10E-05	-2.08E-01	-3.73E-01	-6.91E-02	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
47428989	-3.69E-03	-7.79E-03	2.14E-04	-8.01E-03	0.00E+00	0.00E+00	-5.89E-01	-3.71E-04	-1.28E-04	-2.01E-03	0.00E+00	0.00E+00	-4.02E-10	-4.25E-08	-3.48E-02	-3.02E-01	0.00E+00	0.00E+00	-4.90E-01	0.00E+00	-4.38E-02	0.00E+00	1.00E-09	-6.09E-09	-5.65E-04	0.00E+00	-3.81E-02	0.00E+00	-4.38E-02	-1.40E-05	-4.38E-02	-8.20E-02	-3.81E-02	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
47429909	-6.93E-03	-1.26E-01	-1.68E-03	-1.25E-01	0.00E+00	0.00E+00	-1.20E+00	-4.26E-04	-2.42E-04	-3.07E-03	0.00E+00	0.00E+00	-9.61E-10	-4.96E-08	-2.12E-03	-3.35E+00	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-9.59E-01	0.00E+00	-4.84E-09	-1.37E-08	-9.59E-04	0.00E+00	-5.41E-01	0.00E+00	-9.59E-01	-1.60E-05	-9.59E-01	-1.50E+00	-5.41E-01	0.00E+00	0.00E+00	0.00E+00	-4.78E+01
47429939	-2.10E-03	-1.44E-02	-3.15E-04	-1.57E-02	0.00E+00	0.00E+00	-5.04E-01	-1.93E-04	-7.15E-06	-1.36E-03	0.00E+00	-2.27E-06	-3.41E-10	-2.05E-08	-3.43E-02	-1.93E+00	0.00E+00	0.00E+00	-4.34E-01	-8.11E-04	-1.76E-01	0.00E+00	3.04E-10	-7.85E-09	-3.70E-04	-4.99E-07	-3.42E-01	0.00E+00	-1.76E-01	-7.40E-06	-1.76E-01	-2.81E-01	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
47429949	-6.93E-03	-1.26E-01	-1.68E-03	-1.25E-01	0.00E+00	0.00E+00	-1.20E+00	-4.26E-04	-2.42E-04	-3.07E-03	0.00E+00	0.00E+00	-9.61E-10	-4.96E-08	-2.12E-03	-3.35E+00	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-9.59E-01	0.00E+00	-4.84E-09	-1.37E-08	-9.59E-04	0.00E+00	-5.41E-01	0.00E+00	-9.59E-01	-1.60E-05	-9.59E-01	-1.50E+00	-5.41E-01	0.00E+00	0.00E+00	0.00E+00	-4.78E+01
47431404	-6.89E-03	-8.91E-02	-1.59E-03	-8.75E-02	0.00E+00	0.00E+00	-1.18E+00	-4.26E-04	-2.34E-04	-2.97E-03	0.00E+00	0.00E+00	-9.52E-10	-4.95E-08	-1.89E-03	-8.53E-01	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-8.93E-01	0.00E+00	-4.32E-09	-1.23E-08	-9.34E-04	0.00E+00	-1.76E-01	0.00E+00	-8.93E-01	-1.60E-05	-8.93E-01	-1.07E+00	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-4.70E+01
47431606	-6.95E-03	-1.11E-01	-2.00E-03	-1.09E-01	0.00E+00	0.00E+00	-1.41E+00	-4.26E-04	-2.47E-04	-3.11E-03	0.00E+00	-1.88E-05	-9.57E-10	-4.96E-08	-5.79E-03	-1.16E+00	0.00E+00	0.00E+00	-1.12E+00	-6.71E-03	-1.33E+00	0.00E+00	-4.40E-09	-1.28E-08	-9.76E-04	-4.42E-06	-2.29E-01	0.00E+00	-1.33E+00	-1.60E-05	-1.33E+00	-1.56E+00	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	-4.75E+01
47431903	-2.85E-03	-2.65E-02	3.67E-04	-2.05E-02	0.00E+00	0.00E+00	-4.89E-01	-2.25E-04	5.92E-05	-9.54E-04	0.00E+00	0.00E+00	-3.23E-10	-2.38E-08	-1.63E-03	-9.38E-01	0.00E+00	0.00E+00	-4.07E-01	0.00E+00	-1.85E-01	0.00E+00	4.53E-10	-4.69E-09	-3.62E-04	-2.12E-10	-1.45E-01	0.00E+00	-1.85E-01	-7.30E-06	-1.85E-01	-3.31E-01	-1.45E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E+01
47431907	-2.95E-03	-2.60E-02	2.94E-04	-3.46E-02	0.00E+00	0.00E+00	-5.74E-01	-2.31E-04	4.08E-05	-9.88E-04	0.00E+00	-1.63E-05	-3.46E-10	-2.42E-08	-4.88E-03	-9.33E-01	0.00E+00	0.00E+00	-4.36E-01	-5.81E-03	-3.65E-01	0.00E+00	7.06E-10	-4.75E-09	-3.82E-04	-3.94E-06	-1.56E-01	0.00E+00	-3.65E-01	-7.52E-06	-3.65E-01	-4.35E-01	-1.56E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+01
47431909	-6.89E-03	-8.91E-02	-1.59E-03	-8.75E-02	0.00E+00	0.00E+00	-1.18E+00	-4.26E-04	-2.34E-04	-2.97E-03	0.00E+00	0.00E+00	-9.52E-10	-4.95E-08	-1.89E-03	-8.53E-01	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-8.93E-01	0.00E+00	-4.32E-09	-1.23E-08	-9.34E-04	0.00E+00	-1.76E-01	0.00E+00	-8.93E-01	-1.60E-05	-8.93E-01	-1.07E+00	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-4.70E+01
47431912	-2.86E-03	-2.15E-02	2.96E-04	-3.39E-02	0.00E+00	0.00E+00	-5.76E-01	-2.31E-04	4.11E-05	-1.05E-03	0.00E+00	-1.64E-05	-3.38E-10	-2.45E-08	-3.96E-03	-6.89E-01	0.00E+00	0.00E+00	-4.77E-01	-5.84E-03	-3.64E-01	0.00E+00	6.34E-10	-4.65E-09	-3.76E-04	-3.98E-06	-1.19E-01	0.00E+00	-3.64E-01	-7.46E-06	-3.64E-01	-4.38E-01	-1.19E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E+01
47431913	-2.98E-03	-2.90E-02	2.62E-04	-2.29E-02	0.00E+00	0.00E+00	-5.46E-01	-2.71E-04	2.43E-05	-1.40E-03	0.00E+00	0.00E+00	-3.71E-10	-2.70E-08	-1.74E-03	-7.27E-01	0.00E+00	0.00E+00	-4.87E-01	0.00E+00	-2.14E-01	0.00E+00	-5.02E-10	-5.54E-09	-4.48E-04	-2.12E-10	-1.15E-01	0.00E+00	-2.14E-01	-8.17E-06	-2.14E-01	-3.16E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+01
47431914	-2.95E-03	-2.65E-02	-7.13E-05	-5.05E-02	0.00E+00	0.00E+00	-6.45E-01	-2.67E-04	1.81E-05	-1.24E-03	0.00E+00	-1.66E-05	-4.68E-10	-2.70E-08	-7.98E-03	-6.29E-01	0.00E+00	0.00E+00	-4.93E-01	-5.92E-03	-4.56E-01	0.00E+00	1.22E-10	-5.24E-09	-4.41E-04	-4.02E-06	-1.14E-01	0.00E+00	-4.56E-01	-8.90E-06	-4.56E-01	-5.22E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.84E+01
47431922	-2.95E-03	-2.62E-02	2.87E-04	-3.46E-02	0.00E+00	0.00E+00	-5.74E-01	-2.31E-04	3.47E-05	-1.07E-03	0.00E+00	-1.63E-05	-3.50E-10	-2.45E-08	-4.89E-03	-9.33E-01	0.00E+00	0.00E+00	-4.90E-01	-5.81E-03	-3.70E-01	0.00E+00	5.50E-10	-4.93E-09	-3.87E-04	-3.94E-06	-1.56E-01	0.00E+00	-3.70E-01	-7.61E-06	-3.70E-01	-4.35E-01	-1.56E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+01
47432003	-2.81E-03	-2.53E-02	1.93E-04	-3.13E-02	0.00E+00	0.00E+00	-5.15E-01	-2.50E-04	5.28E-05	-1.22E-03	0.00E+00	0.00E+00	-4.11E-10	-2.66E-08	-1.02E-03	-6.45E-01	0.00E+00	0.00E+00	-4.61E-01	0.00E+00	-1.89E-01	0.00E+00	4.43E-10	-5.31E-09	-4.12E-04	-2.12E-10	-1.07E-01	0.00E+00	-1.89E-01	-8.73E-06	-1.89E-01	-3.71E-01	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.75E+01
47432007	-2.84E-03	-2.45E-02	1.40E-04	-4.22E-02	0.00E+00	0.00E+00	-6.10E-01	-2.56E-04	3.66E-05	-1.27E-03	0.00E+00	-1.59E-05	-4.33E-10	-2.75E-08	-2.66E-03	-6.49E-01	0.00E+00	0.00E+00	-4.76E-01	-5.67E-03	-3.44E-01	0.00E+00	5.52E-10	-5.27E-09	-4.30E-04	-3.85E-06	-1.15E-01	0.00E+00	-3.44E-01	-8.98E-06	-3.44E-01	-4.50E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
47432017	-3.01E-03	-2.99E-02	1.70E-04	-3.64E-02	0.00E+00	0.00E+00	-5.85E-01	-2.94E-04	1.06E-05	-1.49E-03	0.00E+00	0.00E+00	-4.49E-10	-3.11E-08	-3.68E-03	-6.30E-01	0.00E+00	0.00E+00	-5.18E-01	0.00E+00	-2.00E-01	0.00E+00	-1.63E-10	-6.29E-09	-4.66E-04	-2.12E-10	-9.70E-02	0.00E+00	-2.00E-01	-9.60E-06	-2.00E-01	-3.48E-01	-9.70E-02	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
47432022	-3.01E-03	-3.08E-02	1.11E-04	-4.68E-02	0.00E+00	0.00E+00	-6.78E-01	-2.97E-04	1.71E-06	-1.57E-03	0.00E+00	-1.60E-05	-4.75E-10	-3.16E-08	-4.79E-03	-6.97E-01	0.00E+00	0.00E+00	-5.12E-01	-5.67E-03	-3.95E-01	0.00E+00	-4.27E-10	-6.45E-09	-4.98E-04	-3.86E-06	-1.23E-01	0.00E+00	-3.95E-01	-9.71E-06	-3.95E-01	-4.81E-01	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
47432045	-2.91E-03	4.22E-03	8.36E-04	3.39E-03	0.00E+00	0.00E+00	-3.78E-01	-3.11E-04	-4.12E-05	-1.45E-03	0.00E+00	0.00E+00	-3.20E-10	-3.49E-08	1.58E-03	-5.80E-01	0.00E+00	0.00E+00	-3.23E-01	0.00E+00	2.01E-01	0.00E+00	2.18E-09	-4.39E-09	-4.12E-04	0.00E+00	-7.08E-02	0.00E+00	2.01E-01	-9.16E-06	2.01E-01	1.30E-01	-7.08E-02	0.00E+00	0.00E+00	0.00E+00	-1.59E+01
47432089	-1.44E-03	-5.46E-02	-4.42E-04	-5.42E-02	0.00E+00	0.00E+00	-4.11E-01	-1.50E-04	7.14E-05	-1.31E-03	0.00E+00	0.00E+00	-5.92E-10	-1.54E-08	-3.64E-02	-1.94E-01	0.00E+00	0.00E+00	-4.83E-01	0.00E+00	-5.84E-01	0.00E+00	-1.84E-09	-6.29E-09	-4.51E-04	0.00E+00	-4.85E-02	0.00E+00	-5.84E-01	-8.30E-06	-5.84E-01	-6.32E-01	-4.85E-02	0.00E+00	0.00E+00	0.00E+00	-2.04E+01
47436003	-3.15E-03	-2.30E-02	4.49E-04	-2.78E-02	0.00E+00	0.00E+00	-5.11E-01	-2.71E-04	2.88E-05	-1.41E-03	0.00E+00	0.00E+00	-4.21E-10	-3.14E-08	-2.93E-04	-3.79E-01	0.00E+00	0.00E+00	-4.97E-01	0.00E+00	-1.34E-01	0.00E+00	5.96E-10	-5.44E-09	-4.67E-04	-2.12E-10	-6.08E-02	0.00E+00	-1.34E-01	-9.66E-06	-1.34E-01	-3.35E-01	-6.08E-02	0.00E+00	0.00E+00	0.00E+00	-1.93E+01
47436007	-3.15E-03	-2.30E-02	4.49E-04	-2.78E-02	0.00E+00	0.00E+00	-5.11E-01	-2.71E-04	2.88E-05	-1.41E-03	0.00E+00	0.00E+00	-4.21E-10	-3.14E-08	-2.93E-04	-3.79E-01	0.00E+00	0.00E+00	-4.97E-01	0.00E+00	-1.34E-01	0.00E+00	5.96E-10	-5.44E-09	-4.67E-04	-2.12E-10	-6.08E-02	0.00E+00	-1.34E-01	-9.66E-06	-1.34E-01	-3.35E-01	-6.08E-02	0.00E+00	0.00E+00	0.00E+00	-1.93E+01
47436009	-3.07E-03	-2.41E-02	3.56E-04	-2.82E-02	0.00E+00	0.00E+00	-5.19E-01	-2.71E-04	-3.38E-06	-1.45E-03	0.00E+00	0.00E+00	-4.35E-10	-3.12E-08	-1.80E-03	-3.72E-01	0.00E+00	0.00E+00	-4.67E-01	0.00E+00	-2.10E-01	0.00E+00	2.75E-10	-5.69E-09	-4.79E-04	-2.12E-10	-5.70E-02	0.00E+00	-2.10E-01	-1.01E-05	-2.10E-01	-3.38E-01	-5.70E-02	0.00E+00	0.00E+00	0.00E+00	-1.95E+01
47436012	-3.05E-03	-2.10E-02	6.05E-04	-2.52E-02	0.00E+00	0.00E+00	-4.59E-01	-2.69E-04	3.43E-05	-1.35E-03	0.00E+00	0.00E+00	-4.00E-10	-3.07E-08	1.28E-04	-3.43E-01	0.00E+00	0.00E+00	-4.47E-01	0.00E+00	-1.16E-01	0.00E+00	7.34E-10	-4.90E-09	-4.39E-04	-2.12E-10	-4.41E-02	0.00E+00	-1.16E-01	-9.52E-06	-1.16E-01	-3.17E-01	-4.41E-02	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
47436013	-3.15E-03	-2.30E-02	4.49E-04	-2.78E-02	0.00E+00	0.00E+00	-5.11E-01	-2.71E-04	2.88E-05	-1.41E-03	0.00E+00	0.00E+00	-4.21E-10	-3.14E-08	-2.93E-04	-3.79E-01	0.00E+00	0.00E+00	-4.97E-01	0.00E+00	-1.34E-01	0.00E+00	5.96E-10	-5.44E-09	-4.67E-04	-2.12E-10	-6.08E-02	0.00E+00	-1.34E-01	-9.66E-06	-1.34E-01	-3.35E-01	-6.08E-02	0.00E+00	0.00E+00	0.00E+00	-1.93E+01
47436014	-3.15E-03	-2.31E-02	3.93E-04	-2.78E-02	0.00E+00	0.00E+00	-5.11E-01	-2.71E-04	2.13E-05	-1.42E-03	0.00E+00	0.00E+00	-4.20E-10	-3.13E-08	-3.24E-04	-3.79E-01	0.00E+00	0.00E+00	-4.99E-01	0.00E+00	-1.44E-01	0.00E+00	6.45E-10	-5.45E-09	-4.67E-04	-2.12E-10	-6.15E-02	0.00E+00	-1.44E-01	-9.78E-06	-1.44E-01	-3.35E-01	-6.15E-02	0.00E+00	0.00E+00	0.00E+00	-1.95E+01
47436022	-3.05E-03	-2.34E-02	3.49E-04	-2.71E-02	0.00E+00	0.00E+00	-5.20E-01	-2.72E-04	7.00E-06	-1.49E-03	0.00E+00	0.00E+00	-4.37E-10	-3.12E-08	-4.26E-04	-3.79E-01	0.00E+00	0.00E+00	-4.70E-01	0.00E+00	-2.08E-01	0.00E+00	7.96E-10	-5.50E-09	-4.77E-04	-2.12E-10	-6.07E-02	0.00E+00	-2.08E-01	-9.91E-06	-2.08E-01	-3.34E-01	-6.07E-02	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
47436039	-3.05E-03	-2.08E-02	5.62E-04	-2.52E-02	0.00E+00	0.00E+00	-4.59E-01	-2.68E-04	3.35E-05	-1.34E-03	0.00E+00	0.00E+00	-4.02E-10	-3.05E-08	1.66E-05	-3.51E-01	0.00E+00	0.00E+00	-4.47E-01	0.00E+00	-1.16E-01	0.00E+00	7.34E-10	-4.88E-09	-4.43E-04	-2.12E-10	-4.51E-02	0.00E+00	-1.16E-01	-9.59E-06	-1.16E-01	-3.17E-01	-4.51E-02	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
47436049	-3.12E-03	-2.70E-02	1.67E-04	-3.13E-02	0.00E+00	0.00E+00	-5.78E-01	-2.76E-04	-1.72E-05	-1.66E-03	0.00E+00	0.00E+00	-4.87E-10	-3.16E-08	-1.06E-02	-4.00E-01	0.00E+00	0.00E+00	-4.41E-01	0.00E+00	-2.66E-01	0.00E+00	-3.06E-10	-6.42E-09	-5.50E-04	-2.12E-10	-6.79E-02	0.00E+00	-2.66E-01	-1.07E-05	-2.66E-01	-4.08E-01	-6.79E-02	0.00E+00	0.00E+00	0.00E+00	-2.02E+01
47436069	-3.03E-03	-1.74E-02	1.89E-04	-2.70E-02	0.00E+00	0.00E+00	-5.99E-01	-2.90E-04	1.01E-05	-1.35E-03	0.00E+00	0.00E+00	-4.42E-10	-3.42E-08	-1.48E-03	-7.71E-01	0.00E+00	0.00E+00	-4.00E-01	0.00E+00	-1.88E-01	0.00E+00	2.75E-10	-6.49E-09	-4.91E-04	-2.12E-10	-1.02E-01	0.00E+00	-1.88E-01	-1.06E-05	-1.88E-01	-3.23E-01	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
47436079	-3.05E-03	-2.08E-02	5.85E-04	-2.52E-02	0.00E+00	0.00E+00	-4.59E-01	-2.68E-04	3.35E-05	-1.34E-03	0.00E+00	0.00E+00	-4.02E-10	-3.05E-08	1.66E-05	-3.51E-01	0.00E+00	0.00E+00	-4.47E-01	0.00E+00	-1.16E-01	0.00E+00	7.34E-10	-4.88E-09	-4.43E-04	-2.12E-10	-4.51E-02	0.00E+00	-1.16E-01	-9.56E-06	-1.16E-01	-3.17E-01	-4.51E-02	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
47436084	-6.90E-03	-8.87E-02	-1.76E-03	-8.69E-02	0.00E+00	0.00E+00	-1.22E+00	-4.26E-04	-2.36E-04	-2.99E-03	0.00E+00	0.00E+00	-9.51E-10	-4.95E-08	-9.96E-02	-4.75E-01	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-1.11E+00	0.00E+00	-4.38E-09	-1.23E-08	-9.46E-04	0.00E+00	-1.23E-01	0.00E+00	-1.11E+00	-1.60E-05	-1.11E+00	-1.24E+00	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	-4.69E+01
47436086	-3.68E-03	-5.72E-03	2.92E-04	-6.01E-03	0.00E+00	0.00E+00	-5.74E-01	-3.72E-04	-1.27E-04	-1.98E-03	0.00E+00	0.00E+00	-4.03E-10	-4.25E-08	8.41E-04	-2.98E-01	0.00E+00	0.00E+00	-4.89E-01	0.00E+00	4.33E-02	0.00E+00	1.07E-09	-5.99E-09	-5.58E-04	0.00E+00	-3.69E-02	0.00E+00	4.33E-02	-1.37E-05	4.33E-02	6.32E-03	-3.69E-02	0.00E+00	0.00E+00	0.00E+00	-2.23E+01
47436089	-3.02E-03	2.27E-03	7.01E-04	1.57E-03	0.00E+00	0.00E+00	-4.09E-01	-3.20E-04	-5.61E-05	-1.56E-03	0.00E+00	0.00E+00	-3.33E-10	-3.61E-08	1.33E-03	-2.00E-01	0.00E+00	0.00E+00	-3.50E-01	0.00E+00	1.56E-01	0.00E+00	1.76E-09	-4.54E-09	-4.40E-04	0.00E+00	-1.78E-02	0.00E+00	1.56E-01	-9.43E-06	1.56E-01	1.38E-01	-1.78E-02	0.00E+00	0.00E+00	0.00E+00	-1.69E+01
47438903	-3.07E-03	-2.09E-02	5.08E-04	-1.90E-02	0.00E+00	0.00E+00	-4.68E-01	-2.47E-04	1.07E-05	-1.44E-03	0.00E+00	0.00E+00	-3.46E-10	-2.69E-08	-1.23E-03	-3.97E-01	0.00E+00	0.00E+00	-5.06E-01	0.00E+00	-1.26E-01	0.00E+00	4.24E-10	-5.08E-09	-4.63E-04	-2.12E-10	-5.66E-02	0.00E+00	-1.26E-01	-9.46E-06	-1.26E-01	-2.91E-01	-5.66E-02	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
47438907	-2.93E-03	-1.95E-02	4.45E-04	-1.86E-02	0.00E+00	0.00E+00	-4.75E-01	-2.29E-04	4.06E-05	-1.19E-03	0.00E+00	0.00E+00	-3.30E-10	-2.44E-08	-1.27E-03	-3.97E-01	0.00E+00	0.00E+00	-4.64E-01	0.00E+00	-1.42E-01	0.00E+00	4.30E-10	-5.07E-09	-3.86E-04	-2.12E-10	-5.66E-02	0.00E+00	-1.42E-01	-8.14E-06	-1.42E-01	-2.88E-01	-5.66E-02	0.00E+00	0.00E+00	0.00E+00	-1.64E+01
47438912	8.24E-05	2.82E-02	1.82E-03	2.64E-02	0.00E+00	0.00E+00	3.72E-01	-3.60E-05	2.55E-04	1.06E-04	0.00E+00	0.00E+00	3.63E-11	-9.25E-10	-3.33E-02	8.62E-02	0.00E+00	0.00E+00	2.86E-01	0.00E+00	4.07E-01	0.00E+00	3.75E-09	1.23E-09	4.27E-05	0.00E+00	5.34E-02	0.00E+00	4.07E-01	-1.24E-06	4.07E-01	4.60E-01	5.34E-02	0.00E+00	0.00E+00	0.00E+00	9.90E+00
47438913	-3.20E-03	-2.24E-02	4.83E-04	-2.52E-02	0.00E+00	0.00E+00	-4.98E-01	-2.73E-04	8.67E-06	-1.56E-03	0.00E+00	0.00E+00	-4.34E-10	-3.06E-08	-1.40E-03	-3.69E-01	0.00E+00	0.00E+00	-4.51E-01	0.00E+00	-1.16E-01	0.00E+00	4.12E-10	-5.52E-09	-4.94E-04	-2.12E-10	-5.47E-02	0.00E+00	-1.16E-01	-1.02E-05	-1.16E-01	-3.17E-01	-5.47E-02	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
47438914	-3.07E-03	-2.09E-02	5.08E-04	-1.90E-02	0.00E+00	0.00E+00	-4.68E-01	-2.47E-04	1.07E-05	-1.44E-03	0.00E+00	0.00E+00	-3.46E-10	-2.69E-08	-1.23E-03	-3.97E-01	0.00E+00	0.00E+00	-5.06E-01	0.00E+00	-1.26E-01	0.00E+00	4.24E-10	-5.08E-09	-4.63E-04	-2.12E-10	-5.66E-02	0.00E+00	-1.26E-01	-9.46E-06	-1.26E-01	-2.91E-01	-5.66E-02	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
47438922	4.99E-04	3.43E-02	2.06E-03	3.22E-02	0.00E+00	0.00E+00	4.92E-01	9.41E-07	2.99E-04	3.48E-04	0.00E+00	0.00E+00	8.57E-11	3.73E-09	2.52E-03	1.26E-01	0.00E+00	0.00E+00	3.71E-01	0.00E+00	5.41E-01	0.00E+00	4.13E-09	2.10E-09	1.15E-04	0.00E+00	6.40E-02	0.00E+00	5.41E-01	9.17E-08	5.41E-01	6.05E-01	6.40E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
47438982	-4.10E-03	-1.21E-02	3.75E-05	-1.21E-02	0.00E+00	0.00E+00	-6.95E-01	-4.08E-04	-1.71E-04	-2.23E-03	0.00E+00	0.00E+00	-4.52E-10	-4.71E-08	-3.50E-02	-3.42E-01	0.00E+00	0.00E+00	-5.75E-01	0.00E+00	-9.54E-02	0.00E+00	6.59E-10	-6.89E-09	-6.32E-04	0.00E+00	-4.80E-02	0.00E+00	-9.54E-02	-1.53E-05	-9.54E-02	-1.43E-01	-4.80E-02	0.00E+00	0.00E+00	0.00E+00	-2.58E+01
47438989	-6.88E-03	-8.35E-02	-1.58E-03	-8.19E-02	0.00E+00	0.00E+00	-1.18E+00	-4.26E-04	-2.33E-04	-2.95E-03	0.00E+00	0.00E+00	-9.51E-10	-4.95E-08	-1.86E-03	-4.74E-01	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-8.82E-01	0.00E+00	-4.24E-09	-1.21E-08	-9.30E-04	0.00E+00	-1.20E-01	0.00E+00	-8.82E-01	-1.60E-05	-8.82E-01	-1.00E+00	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-4.69E+01
47441404	-3.46E-03	-3.79E-02	-2.10E-04	-3.61E-02	0.00E+00	0.00E+00	-4.90E-01	-2.57E-04	2.64E-05	-1.56E-03	0.00E+00	-2.27E-06	-4.36E-10	-2.90E-08	-4.09E-02	-1.55E+00	0.00E+00	0.00E+00	-4.71E-01	-8.11E-04	-2.51E-01	0.00E+00	-4.35E-11	-6.02E-09	-4.90E-04	-5.30E-07	-2.23E-01	0.00E+00	-2.51E-01	-1.01E-05	-2.51E-01	-4.50E-01	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
47441606	-7.09E-03	-1.17E-01	-2.06E-03	-1.15E-01	0.00E+00	0.00E+00	-1.48E+00	-4.34E-04	-2.49E-04	-3.13E-03	0.00E+00	-2.48E-05	-8.74E-10	-5.07E-08	-6.98E-03	-1.95E+00	0.00E+00	0.00E+00	-1.08E+00	-8.87E-03	-1.39E+00	0.00E+00	-4.11E-09	-1.26E-08	-9.60E-04	-5.84E-06	-3.42E-01	0.00E+00	-1.39E+00	-1.62E-05	-1.39E+00	-1.73E+00	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-4.58E+01
47441909	-3.02E-03	-2.61E-02	2.63E-04	-2.57E-02	0.00E+00	0.00E+00	-4.67E-01	-2.40E-04	5.89E-05	-1.36E-03	0.00E+00	0.00E+00	-3.34E-10	-2.56E-08	-6.64E-03	-1.55E+00	0.00E+00	0.00E+00	-5.02E-01	0.00E+00	-1.20E-01	0.00E+00	6.77E-10	-5.40E-09	-4.12E-04	-2.12E-10	-2.20E-01	0.00E+00	-1.20E-01	-8.35E-06	-1.20E-01	-3.69E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.03E+01
47441949	-3.09E-03	-3.73E-02	-1.10E-04	-3.53E-02	0.00E+00	0.00E+00	-4.90E-01	-2.54E-04	2.93E-05	-1.52E-03	0.00E+00	0.00E+00	-4.18E-10	-2.89E-08	-1.33E-02	-1.55E+00	0.00E+00	0.00E+00	-4.72E-01	0.00E+00	-2.33E-01	0.00E+00	-5.99E-12	-5.90E-09	-4.81E-04	-2.12E-10	-2.23E-01	0.00E+00	-2.33E-01	-9.87E-06	-2.33E-01	-4.50E-01	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-2.44E+01
47442045	-7.00E-03	-8.88E-02	-1.51E-03	-8.73E-02	0.00E+00	0.00E+00	-1.18E+00	-4.34E-04	-2.31E-04	-2.94E-03	0.00E+00	0.00E+00	-8.59E-10	-5.06E-08	-1.81E-03	-1.61E+00	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-7.97E-01	0.00E+00	-3.98E-09	-1.19E-08	-9.00E-04	0.00E+00	-2.81E-01	0.00E+00	-7.97E-01	-1.62E-05	-7.97E-01	-1.08E+00	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	-4.50E+01
47442079	-3.07E-03	-2.98E-02	1.43E-04	-3.25E-02	0.00E+00	0.00E+00	-4.83E-01	-2.54E-04	2.91E-05	-1.44E-03	0.00E+00	0.00E+00	-4.36E-10	-2.98E-08	-4.23E-04	-1.49E+00	0.00E+00	0.00E+00	-4.43E-01	0.00E+00	-1.58E-01	0.00E+00	7.83E-10	-5.93E-09	-4.82E-04	-2.12E-10	-2.18E-01	0.00E+00	-1.58E-01	-1.02E-05	-1.58E-01	-3.89E-01	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
47442089	-7.00E-03	-8.88E-02	-1.51E-03	-8.73E-02	0.00E+00	0.00E+00	-1.18E+00	-4.34E-04	-2.31E-04	-2.94E-03	0.00E+00	0.00E+00	-8.59E-10	-5.06E-08	-1.81E-03	-1.61E+00	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-7.97E-01	0.00E+00	-3.98E-09	-1.19E-08	-9.00E-04	0.00E+00	-2.81E-01	0.00E+00	-7.97E-01	-1.62E-05	-7.97E-01	-1.08E+00	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	-4.50E+01
47446084	-3.65E-03	-3.86E-02	-7.48E-05	-4.11E-02	0.00E+00	0.00E+00	-5.95E-01	-2.72E-04	-1.84E-05	-1.70E-03	0.00E+00	-1.97E-05	-5.25E-10	-3.25E-08	-3.76E-02	-1.41E+00	0.00E+00	0.00E+00	-5.63E-01	-7.01E-03	-3.71E-01	0.00E+00	1.48E-10	-6.73E-09	-5.65E-04	-4.68E-06	-2.14E-01	0.00E+00	-3.71E-01	-1.08E-05	-3.71E-01	-5.15E-01	-2.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.54E+01
47446086	-4.04E-03	-4.92E-02	-2.99E-04	-4.44E-02	0.00E+00	0.00E+00	-7.47E-01	-3.21E-04	-5.54E-05	-1.83E-03	0.00E+00	-1.97E-05	-5.54E-10	-3.87E-08	-3.39E-03	-1.96E+00	0.00E+00	0.00E+00	-6.29E-01	-7.01E-03	-4.53E-01	0.00E+00	-1.11E-09	-7.96E-09	-6.58E-04	-4.68E-06	-2.46E-01	0.00E+00	-4.53E-01	-1.10E-05	-4.53E-01	-5.86E-01	-2.46E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
47446089	-3.06E-03	-2.89E-02	2.44E-04	-2.62E-02	0.00E+00	0.00E+00	-4.72E-01	-2.54E-04	4.90E-05	-1.46E-03	0.00E+00	0.00E+00	-4.08E-10	-3.09E-08	1.29E-04	-1.12E+00	0.00E+00	0.00E+00	-4.16E-01	0.00E+00	-1.30E-01	0.00E+00	4.38E-10	-5.66E-09	-4.57E-04	-2.12E-10	-1.55E-01	0.00E+00	-1.30E-01	-1.00E-05	-1.30E-01	-3.73E-01	-1.55E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+01

47448982	-3.04E-03	-2.71E-02	2.62E-04	-2.57E-02	0.00E+00	0.00E+00	-4.51E-01	-2.22E-04	5.09E-05	-1.36E-03	0.00E+00	0.00E+00	-3.35E-10	-2.57E-08	-6.33E-03	-1.61E+00	0.00E+00	0.00E+00	-5.02E-01	0.00E+00	-1.23E-01	0.00E+00	5.72E-10	-5.37E-09	-4.31E-04	-2.12E-10	-2.28E-01	0.00E+00	-1.23E-01	-8.79E-06	-1.23E-01	-3.69E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-1.95E+01
47448989	-3.70E-03	-2.64E-02	-1.31E-05	-2.64E-02	0.00E+00	0.00E+00	-6.66E-01	-3.72E-04	-1.25E-04	-2.07E-03	0.00E+00	0.00E+00	-4.19E-10	-4.26E-08	-3.52E-02	-1.40E+00	0.00E+00	0.00E+00	-5.40E-01	0.00E+00	-1.24E-01	0.00E+00	4.19E-10	-6.81E-09	-5.81E-04	0.00E+00	-2.04E-01	0.00E+00	-1.24E-01	-1.37E-05	-1.24E-01	-3.28E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-2.40E+01
474520	-2.88E-03	-3.85E-02	-5.67E-04	-3.79E-02	0.00E+00	0.00E+00	-7.49E-01	-2.95E-04	-5.45E-05	-1.80E-03	0.00E+00	0.00E+00	-6.57E-10	-3.33E-08	-6.74E-04	-2.69E-01	0.00E+00	0.00E+00	-7.12E-01	0.00E+00	-4.91E-01	0.00E+00	-1.87E-09	-7.70E-09	-5.83E-04	0.00E+00	-6.95E-02	0.00E+00	-4.91E-01	-8.80E-06	-4.91E-01	-5.61E-01	-6.95E-02	0.00E+00	0.00E+00	0.00E+00	-3.06E+01
47452045	-3.20E-03	-5.53E-02	-7.06E-04	-5.46E-02	0.00E+00	0.00E+00	-8.32E-01	-3.23E-04	-9.28E-05	-2.05E-03	0.00E+00	0.00E+00	-6.96E-10	-3.68E-08	-7.55E-04	-6.95E-01	0.00E+00	0.00E+00	-7.77E-01	0.00E+00	-5.33E-01	0.00E+00	-2.18E-09	-8.56E-09	-6.50E-04	0.00E+00	-1.34E-01	0.00E+00	-5.33E-01	-9.87E-06	-5.33E-01	-6.68E-01	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-3.34E+01
474521	-2.91E-03	-5.30E-02	-6.64E-04	-5.23E-02	0.00E+00	0.00E+00	-7.57E-01	-2.95E-04	-6.51E-05	-1.93E-03	0.00E+00	0.00E+00	-6.59E-10	-3.33E-08	-8.31E-04	-2.75E-01	0.00E+00	0.00E+00	-7.19E-01	0.00E+00	-5.27E-01	0.00E+00	-2.26E-09	-7.90E-09	-6.12E-04	0.00E+00	-7.16E-02	0.00E+00	-5.27E-01	-8.81E-06	-5.27E-01	-5.99E-01	-7.16E-02	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
47461404	-3.46E-03	-3.58E-02	-2.06E-04	-3.61E-02	0.00E+00	0.00E+00	-4.82E-01	-2.58E-04	2.51E-05	-1.57E-03	0.00E+00	-2.27E-06	-4.36E-10	-2.90E-08	-4.08E-02	-1.51E+00	0.00E+00	0.00E+00	-4.76E-01	-8.11E-04	-2.51E-01	0.00E+00	1.59E-10	-6.03E-09	-4.87E-04	-5.30E-07	-2.19E-01	0.00E+00	-2.51E-01	-1.02E-05	-2.51E-01	-4.50E-01	-2.19E-01	0.00E+00	0.00E+00	0.00E+00	-2.42E+01
47461606	-3.21E-03	-3.25E-02	2.86E-05	-3.94E-02	0.00E+00	0.00E+00	-5.48E-01	-2.36E-04	-4.01E-06	-1.52E-03	0.00E+00	-1.96E-05	-4.09E-10	-2.65E-08	-7.44E-03	-1.56E+00	0.00E+00	0.00E+00	-6.22E-01	-6.98E-03	-3.62E-01	0.00E+00	5.08E-10	-5.88E-09	-4.94E-04	-4.67E-06	-2.48E-01	0.00E+00	-3.62E-01	-8.98E-06	-3.62E-01	-5.10E-01	-2.48E-01	0.00E+00	0.00E+00	0.00E+00	-2.08E+01
47461909	-3.06E-03	-3.15E-02	6.62E-05	-3.18E-02	0.00E+00	0.00E+00	-5.04E-01	-2.28E-04	2.45E-05	-1.45E-03	0.00E+00	0.00E+00	-3.60E-10	-2.65E-08	-6.69E-03	-1.55E+00	0.00E+00	0.00E+00	-5.43E-01	0.00E+00	-1.89E-01	0.00E+00	8.57E-10	-5.80E-09	-4.57E-04	-2.12E-10	-2.26E-01	0.00E+00	-1.89E-01	-9.41E-06	-1.89E-01	-4.45E-01	-2.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+01
47466084	-4.31E-03	-3.68E-02	-1.57E-04	-4.19E-02	0.00E+00	0.00E+00	-6.19E-01	-3.14E-04	-3.41E-05	-1.78E-03	0.00E+00	-1.90E-05	-5.37E-10	-3.83E-08	-4.16E-02	-1.95E+00	0.00E+00	0.00E+00	-5.91E-01	-6.78E-03	-3.66E-01	0.00E+00	5.78E-10	-7.32E-09	-6.15E-04	-4.47E-06	-2.46E-01	0.00E+00	-3.66E-01	-1.09E-05	-3.66E-01	-5.42E-01	-2.46E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
47466086	-3.92E-03	-3.16E-02	-4.92E-05	-4.06E-02	0.00E+00	0.00E+00	-6.69E-01	-3.11E-04	-1.96E-05	-1.69E-03	0.00E+00	-1.98E-05	-5.10E-10	-3.80E-08	-3.39E-03	-1.69E+00	0.00E+00	0.00E+00	-5.75E-01	-7.05E-03	-3.73E-01	0.00E+00	7.69E-10	-6.84E-09	-5.72E-04	-4.72E-06	-2.04E-01	0.00E+00	-3.73E-01	-1.05E-05	-3.73E-01	-5.38E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-2.57E+01
47466089	-3.06E-03	-2.65E-02	1.92E-04	-2.79E-02	0.00E+00	0.00E+00	-4.68E-01	-2.53E-04	4.41E-05	-1.47E-03	0.00E+00	0.00E+00	-4.14E-10	-3.11E-08	3.86E-05	-1.08E+00	0.00E+00	0.00E+00	-4.22E-01	0.00E+00	-1.50E-01	0.00E+00	8.77E-10	-5.80E-09	-4.65E-04	-2.12E-10	-1.50E-01	0.00E+00	-1.50E-01	-9.97E-06	-1.50E-01	-3.80E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
47468982	-3.16E-03	-2.78E-02	1.98E-04	-2.58E-02	0.00E+00	0.00E+00	-4.57E-01	-2.30E-04	1.03E-05	-1.41E-03	0.00E+00	0.00E+00	-3.57E-10	-2.63E-08	-5.40E-03	-1.27E+00	0.00E+00	0.00E+00	-5.65E-01	0.00E+00	-1.34E-01	0.00E+00	8.40E-10	-5.74E-09	-4.73E-04	-2.12E-10	-2.12E-01	0.00E+00	-1.34E-01	-9.47E-06	-1.34E-01	-3.68E-01	-2.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
47468989	-3.25E-03	-3.62E-02	-2.34E-05	-3.81E-02	0.00E+00	0.00E+00	-5.61E-01	-2.37E-04	-1.19E-05	-1.60E-03	0.00E+00	0.00E+00	-3.98E-10	-2.71E-08	-6.71E-03	-1.26E+00	0.00E+00	0.00E+00	-6.01E-01	0.00E+00	-2.24E-01	0.00E+00	-3.24E-10	-7.00E-09	-5.81E-04	-2.12E-10	-2.15E-01	0.00E+00	-2.24E-01	-1.01E-05	-2.24E-01	-4.48E-01	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-2.49E+01
47477103	-3.15E-03	-5.10E-02	2.21E-05	-3.97E-02	0.00E+00	0.00E+00	-4.96E-01	-2.56E-04	2.58E-05	-1.60E-03	0.00E+00	0.00E+00	-6.43E-10	-3.16E-08	-1.41E-03	-1.67E+00	0.00E+00	0.00E+00	-5.19E-01	0.00E+00	-2.25E-01	0.00E+00	-7.75E-10	-8.31E-09	-5.04E-04	-2.12E-10	-2.56E-01	0.00E+00	-2.25E-01	-1.02E-05	-2.25E-01	-4.43E-01	-2.56E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
47477104	-3.17E-03	-6.36E-02	-4.85E-05	-4.78E-02	0.00E+00	0.00E+00	-5.03E-01	-2.54E-04	2.32E-05	-1.69E-03	0.00E+00	0.00E+00	-6.79E-10	-3.17E-08	-1.52E-03	-1.84E+00	0.00E+00	0.00E+00	-5.79E-01	0.00E+00	-2.41E-01	0.00E+00	-9.53E-10	-8.58E-09	-5.24E-04	-2.12E-10	-3.07E-01	0.00E+00	-2.41E-01	-1.03E-05	-2.41E-01	-5.59E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
47477106	-3.19E-03	-3.73E-02	6.20E-05	-3.81E-02	0.00E+00	0.00E+00	-5.21E-01	-2.61E-04	-3.57E-06	-1.65E-03	0.00E+00	-1.89E-05	-4.92E-10	-3.10E-08	-1.44E-03	-1.59E+00	0.00E+00	0.00E+00	-5.09E-01	-6.74E-03	-3.30E-01	0.00E+00	3.58E-10	-6.44E-09	-5.31E-04	-4.47E-06	-2.39E-01	0.00E+00	-3.30E-01	-1.05E-05	-3.30E-01	-5.41E-01	-2.39E-01	0.00E+00	0.00E+00	0.00E+00	-2.44E+01
47477109	-3.29E-03	-4.34E-02	-1.45E-04	-4.40E-02	0.00E+00	0.00E+00	-6.36E-01	-2.64E-04	-5.75E-06	-1.79E-03	0.00E+00	0.00E+00	-6.28E-10	-3.14E-08	-5.97E-03	-1.56E+00	0.00E+00	0.00E+00	-4.87E-01	0.00E+00	-3.26E-01	0.00E+00	-1.21E-09	-7.52E-09	-5.88E-04	-2.12E-10	-2.28E-01	0.00E+00	-3.26E-01	-1.06E-05	-3.26E-01	-5.40E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
47487103	-3.17E-03	-3.98E-02	6.82E-05	-2.66E-02	0.00E+00	0.00E+00	-5.16E-01	-2.63E-04	3.40E-05	-1.59E-03	0.00E+00	0.00E+00	-6.10E-10	-3.09E-08	-1.66E-03	-1.61E+00	0.00E+00	0.00E+00	-4.62E-01	0.00E+00	-1.66E-01	0.00E+00	-3.75E-10	-8.15E-09	-5.06E-04	-2.12E-10	-2.59E-01	0.00E+00	-1.66E-01	-1.05E-05	-1.66E-01	-4.23E-01	-2.59E-01	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
47487104	-3.17E-03	-6.22E-02	-2.53E-05	-4.78E-02	0.00E+00	0.00E+00	-5.03E-01	-2.54E-04	2.39E-05	-1.69E-03	0.00E+00	0.00E+00	-6.81E-10	-3.18E-08	-1.51E-03	-1.85E+00	0.00E+00	0.00E+00	-5.82E-01	0.00E+00	-2.45E-01	0.00E+00	-6.92E-10	-8.55E-09	-5.20E-04	-2.12E-10	-3.06E-01	0.00E+00	-2.45E-01	-1.03E-05	-2.45E-01	-5.59E-01	-3.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
47487106	-3.56E-03	-3.56E-02	-1.17E-05	-3.88E-02	0.00E+00	0.00E+00	-5.17E-01	-2.66E-04	-2.49E-06	-1.67E-03	0.00E+00	-1.89E-05	-5.05E-10	-3.12E-08	-4.16E-02	-1.57E+00	0.00E+00	0.00E+00	-5.02E-01	-6.75E-03	-3.44E-01	0.00E+00	6.48E-10	-6.45E-09	-5.46E-04	-4.47E-06	-2.35E-01	0.00E+00	-3.44E-01	-1.06E-05	-3.44E-01	-5.41E-01	-2.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
47487109	-3.12E-03	-3.05E-02	1.01E-04	-3.32E-02	0.00E+00	0.00E+00	-5.36E-01	-2.52E-04	3.59E-05	-1.55E-03	0.00E+00	0.00E+00	-4.09E-10	-3.06E-08	-1.41E-03	-1.55E+00	0.00E+00	0.00E+00	-4.14E-01	0.00E+00	-1.99E-01	0.00E+00	1.12E-09	-5.95E-09	-4.69E-04	-2.12E-10	-2.23E-01	0.00E+00	-1.99E-01	-1.02E-05	-1.99E-01	-4.31E-01	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
47491404	-2.04E-03	4.57E-03	1.67E-04	1.70E-03	0.00E+00	0.00E+00	-4.26E-01	-1.90E-04	5.78E-05	-1.09E-03	0.00E+00	-2.27E-06	-2.09E-10	-1.96E-08	-4.22E-02	-1.14E+00	0.00E+00	0.00E+00	-3.88E-01	-8.11E-04	-6.11E-02	0.00E+00	1.12E-09	-5.21E-09	-3.18E-04	-5.30E-07	-1.64E-01	0.00E+00	-6.11E-02	-6.52E-06	-6.11E-02	-1.90E-01	-1.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
47491606	-2.99E-03	-3.77E-02	-3.33E-04	-5.91E-02	0.00E+00	0.00E+00	-6.57E-01	-2.77E-04	-9.10E-06	-1.65E-03	0.00E+00	-1.93E-05	-5.43E-10	-3.07E-08	-5.52E-03	-7.00E-01	0.00E+00	0.00E+00	-6.04E-01	-6.92E-03	-5.09E-01	0.00E+00	-1.03E-10	-6.18E-09	-5.15E-04	-4.58E-06	-1.20E-01	0.00E+00	-5.09E-01	-9.85E-06	-5.09E-01	-5.69E-01	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.32E+01
47491909	-2.86E-03	-3.47E-02	-1.32E-04	-4.27E-02	0.00E+00	0.00E+00	-5.38E-01	-2.67E-04	3.55E-05	-1.54E-03	0.00E+00	0.00E+00	-4.61E-10	-2.92E-08	-6.61E-03	-6.94E-01	0.00E+00	0.00E+00	-4.78E-01	0.00E+00	-2.83E-01	0.00E+00	-5.54E-11	-5.65E-09	-4.29E-04	-2.12E-10	-1.13E-01	0.00E+00	-2.83E-01	-9.36E-06	-2.83E-01	-4.38E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
47496084	-4.63E-03	-7.04E-02	-6.44E-04	-7.23E-02	0.00E+00	0.00E+00	-8.77E-01	-2.86E-04	-8.00E-05	-2.05E-03	0.00E+00	-2.27E-06	-7.47E-10	-3.53E-08	-6.44E-02	-7.37E-01	0.00E+00	0.00E+00	-6.82E-01	-8.11E-04	-8.60E-01	0.00E+00	-2.42E-09	-9.25E-09	-7.09E-04	-5.44E-07	-1.50E-01	0.00E+00	-8.60E-01	-1.19E-05	-8.60E-01	-8.15E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
47496086	-4.84E-03	-4.85E-02	-6.27E-04	-5.21E-02	0.00E+00	0.00E+00	-8.40E-01	-3.36E-04	-6.59E-05	-1.95E-03	0.00E+00	-2.59E-06	-7.41E-10	-4.18E-08	-7.98E-03	-1.20E+00	0.00E+00	0.00E+00	-6.42E-01	-9.26E-04	-7.49E-01	0.00E+00	-2.24E-09	-9.42E-09	-7.56E-04	-6.27E-07	-1.24E-01	0.00E+00	-7.49E-01	-1.16E-05	-7.49E-01	-8.10E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
47496089	-2.58E-03	1.23E-02	9.58E-04	1.14E-02	0.00E+00	0.00E+00	-2.90E-01	-2.83E-04	-9.79E-07	-1.28E-03	0.00E+00	0.00E+00	-2.81E-10	-3.13E-08	1.64E-03	-1.54E-01	0.00E+00	0.00E+00	-2.52E-01	0.00E+00	2.44E-01	0.00E+00	2.42E-09	-3.57E-09	-3.60E-04	0.00E+00	-5.37E-03	0.00E+00	2.44E-01	-8.09E-06	2.44E-01	2.39E-01	-5.37E-03	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
47498982	-3.03E-03	-3.38E-02	-8.16E-05	-4.28E-02	0.00E+00	0.00E+00	-5.52E-01	-2.77E-04	-4.42E-06	-1.64E-03	0.00E+00	0.00E+00	-4.80E-10	-3.07E-08	-7.36E-03	-3.96E-01	0.00E+00	0.00E+00	-5.14E-01	0.00E+00	-2.88E-01	0.00E+00	-8.48E-11	-6.08E-09	-5.01E-04	-2.12E-10	-6.78E-02	0.00E+00	-2.88E-01	-1.03E-05	-2.88E-01	-4.45E-01	-6.78E-02	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
47498989	-4.57E-03	-8.18E-02	-1.60E-03	-8.02E-02	0.00E+00	0.00E+00	-1.21E+00	-4.37E-04	-2.36E-04	-3.00E-03	0.00E+00	0.00E+00	-9.66E-10	-5.08E-08	-3.74E-02	-4.82E-01	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-9.16E-01	0.00E+00	-3.84E-09	-1.22E-08	-9.43E-04	0.00E+00	-1.20E-01	0.00E+00	-9.16E-01	-1.67E-05	-9.16E-01	-1.04E+00	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-4.73E+01
47501404	-3.26E-03	-3.10E-02	7.52E-05	-2.31E-02	0.00E+00	0.00E+00	-4.99E-01	-2.35E-04	4.61E-05	-1.39E-03	0.00E+00	-2.27E-06	-3.52E-10	-2.57E-08	-3.99E-02	-9.83E-01	0.00E+00	0.00E+00	-4.74E-01	-8.11E-04	-2.18E-01	0.00E+00	4.83E-10	-5.02E-09	-3.91E-04	-4.99E-07	-1.56E-01	0.00E+00	-2.18E-01	-8.51E-06	-2.18E-01	-3.33E-01	-1.56E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
47501606	-2.87E-03	-2.41E-02	1.09E-04	-3.60E-02	0.00E+00	0.00E+00	-5.63E-01	-2.31E-04	3.94E-05	-1.15E-03	0.00E+00	-1.16E-05	-3.71E-10	-2.36E-08	-1.56E-03	-7.39E-01	0.00E+00	0.00E+00	-4.74E-01	-4.12E-03	-3.75E-01	0.00E+00	6.38E-10	-4.78E-09	-4.04E-04	-2.74E-06	-1.20E-01	0.00E+00	-3.75E-01	-8.03E-06	-3.75E-01	-4.12E-01	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+01
47501902	-3.01E-03	-2.66E-02	2.76E-04	-3.93E-02	0.00E+00	0.00E+00	-6.37E-01	-2.65E-04	3.05E-06	-1.39E-03	0.00E+00	-1.62E-05	-3.80E-10	-2.73E-08	-3.69E-03	-7.91E-01	0.00E+00	0.00E+00	-5.43E-01	-5.74E-03	-3.91E-01	0.00E+00	-3.12E-10	-5.83E-09	-4.61E-04	-3.89E-06	-1.34E-01	0.00E+00	-3.91E-01	-8.25E-06	-3.91E-01	-4.15E-01	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.99E+01
47501903	-1.42E-03	1.35E-02	3.84E-04	3.72E-03	0.00E+00	0.00E+00	-4.15E-01	-1.86E-04	8.16E-05	-7.96E-04	0.00E+00	0.00E+00	-1.67E-10	-1.89E-08	-6.74E-04	-8.90E-01	0.00E+00	0.00E+00	-3.27E-01	0.00E+00	-3.19E-02	0.00E+00	1.54E-09	-4.28E-09	-3.03E-04	-2.12E-10	-1.28E-01	0.00E+00	-3.19E-02	-5.58E-06	-3.19E-02	-1.72E-01	-1.28E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+01
47501907	-3.00E-03	-2.75E-02	2.44E-04	-3.98E-02	0.00E+00	0.00E+00	-6.43E-01	-2.65E-04	3.05E-06	-1.39E-03	0.00E+00	-1.62E-05	-3.82E-10	-2.73E-08	-5.43E-03	-7.95E-01	0.00E+00	0.00E+00	-5.47E-01	-5.74E-03	-3.93E-01	0.00E+00	-5.54E-10	-5.96E-09	-4.79E-04	-3.89E-06	-1.35E-01	0.00E+00	-3.93E-01	-8.35E-06	-3.93E-01	-4.22E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.00E+01
47501909	-2.78E-03	-2.61E-02	2.12E-04	-2.23E-02	0.00E+00	0.00E+00	-4.76E-01	-2.24E-04	6.55E-05	-1.01E-03	0.00E+00	0.00E+00	-3.11E-10	-2.35E-08	4.93E-04	-7.27E-01	0.00E+00	0.00E+00	-4.06E-01	0.00E+00	-1.85E-01	0.00E+00	7.45E-10	-4.52E-09	-3.61E-04	-2.12E-10	-1.14E-01	0.00E+00	-1.85E-01	-7.63E-06	-1.85E-01	-3.34E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
47501913	-1.64E-03	8.52E-03	3.13E-04	3.25E-03	0.00E+00	0.00E+00	-4.28E-01	-1.96E-04	5.02E-05	-1.17E-03	0.00E+00	0.00E+00	-1.97E-10	-2.01E-08	-1.94E-03	-1.15E+00	0.00E+00	0.00E+00	-4.20E-01	0.00E+00	-7.94E-02	0.00E+00	1.43E-09	-5.34E-09	-3.08E-04	-2.12E-10	-1.73E-01	0.00E+00	-7.94E-02	-5.97E-06	-7.94E-02	-1.53E-01	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.82E+01
47501914	-3.09E-03	-3.17E-02	-1.21E-04	-5.13E-02	0.00E+00	0.00E+00	-6.19E-01	-2.72E-04	6.56E-06	-1.37E-03	0.00E+00	-1.62E-05	-4.83E-10	-2.70E-08	-7.58E-03	-9.82E-01	0.00E+00	0.00E+00	-5.05E-01	-5.78E-03	-4.33E-01	0.00E+00	2.20E-10	-5.62E-09	-4.50E-04	-3.89E-06	-1.56E-01	0.00E+00	-4.33E-01	-9.22E-06	-4.33E-01	-4.93E-01	-1.56E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+01
47501915	-1.57E-03	1.11E-02	3.50E-04	-8.22E-03	0.00E+00	0.00E+00	-4.96E-01	-1.92E-04	5.73E-05	-8.47E-04	0.00E+00	-1.60E-05	-1.95E-10	-1.94E-08	-3.49E-03	-1.12E+00	0.00E+00	0.00E+00	-3.48E-01	-5.71E-03	-1.58E-01	0.00E+00	1.53E-09	-4.49E-09	-3.20E-04	-3.85E-06	-1.72E-01	0.00E+00	-1.58E-01	-5.92E-06	-1.58E-01	-2.37E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.36E+01
47501924	-1.46E-03	1.31E-02	3.41E-04	2.20E-03	0.00E+00	0.00E+00	-4.41E-01	-2.18E-04	5.62E-05	-1.05E-03	0.00E+00	0.00E+00	-1.85E-10	-2.07E-08	-5.53E-04	-9.32E-01	0.00E+00	0.00E+00	-4.17E-01	0.00E+00	-5.85E-02	0.00E+00	1.36E-09	-4.39E-09	-3.06E-04	-2.12E-10	-1.16E-01	0.00E+00	-5.85E-02	-6.14E-06	-5.85E-02	-1.64E-01	-1.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
47506002	-3.06E-03	-2.06E-02	5.59E-04	-2.52E-02	0.00E+00	0.00E+00	-4.67E-01	-2.68E-04	2.40E-05	-1.39E-03	0.00E+00	0.00E+00	-3.98E-10	-3.06E-08	-3.20E-04	-3.48E-01	0.00E+00	0.00E+00	-4.40E-01	0.00E+00	-1.38E-01	0.00E+00	1.07E-09	-4.83E-09	-4.35E-04	-2.12E-10	-4.63E-02	0.00E+00	-1.38E-01	-9.83E-06	-1.38E-01	-3.23E-01	-4.63E-02	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
47506003	-3.06E-03	-2.06E-02	5.33E-04	-2.52E-02	0.00E+00	0.00E+00	-4.67E-01	-2.68E-04	2.40E-05	-1.39E-03	0.00E+00	0.00E+00	-3.98E-10	-3.06E-08	-3.20E-04	-3.48E-01	0.00E+00	0.00E+00	-4.40E-01	0.00E+00	-1.38E-01	0.00E+00	1.07E-09	-4.83E-09	-4.35E-04	-2.12E-10	-4.63E-02	0.00E+00	-1.38E-01	-9.86E-06	-1.38E-01	-3.23E-01	-4.63E-02	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
47506007	-3.06E-03	-2.04E-02	5.41E-04	-2.52E-02	0.00E+00	0.00E+00	-4.55E-01	-2.68E-04	2.90E-05	-1.38E-03	0.00E+00	0.00E+00	-3.93E-10	-3.05E-08	-1.57E-04	-3.48E-01	0.00E+00	0.00E+00	-4.37E-01	0.00E+00	-1.26E-01	0.00E+00	1.07E-09	-4.83E-09	-4.35E-04	-2.12E-10	-4.58E-02	0.00E+00	-1.26E-01	-9.78E-06	-1.26E-01	-3.17E-01	-4.58E-02	0.00E+00	0.00E+00	0.00E+00	-1.59E+01
47506013	-3.06E-03	-2.21E-02	4.04E-04	-2.71E-02	0.00E+00	0.00E+00	-4.95E-01	-2.65E-04	1.88E-05	-1.44E-03	0.00E+00	0.00E+00	-4.16E-10	-3.11E-08	-7.85E-04	-3.53E-01	0.00E+00	0.00E+00	-4.44E-01	0.00E+00	-1.99E-01	0.00E+00	1.12E-09	-5.23E-09	-4.31E-04	-2.12E-10	-5.09E-02	0.00E+00	-1.99E-01	-9.96E-06	-1.99E-01	-3.47E-01	-5.09E-02	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
47506014	-3.06E-03	-2.06E-02	5.33E-04	-2.52E-02	0.00E+00	0.00E+00	-4.67E-01	-2.68E-04	2.40E-05	-1.39E-03	0.00E+00	0.00E+00	-3.98E-10	-3.06E-08	-3.20E-04	-3.48E-01	0.00E+00	0.00E+00	-4.40E-01	0.00E+00	-1.38E-01	0.00E+00	1.07E-09	-4.83E-09	-4.35E-04	-2.12E-10	-4.63E-02	0.00E+00	-1.38E-01	-9.86E-06	-1.38E-01	-3.23E-01	-4.63E-02	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
47506015	-2.94E-03	-2.06E-02	5.63E-04	-2.52E-02	0.00E+00	0.00E+00	-4.61E-01	-2.65E-04	2.62E-05	-1.37E-03	0.00E+00	0.00E+00	-3.84E-10	-2.89E-08	-3.09E-04	-3.34E-01	0.00E+00	0.00E+00	-4.21E-01	0.00E+00	-1.26E-01	0.00E+00	1.07E-09	-4.68E-09	-4.28E-04	-2.12E-10	-4.63E-02	0.00E+00	-1.26E-01	-9.66E-06	-1.26E-01	-3.23E-01	-4.63E-02	0.00E+00	0.00E+00	0.00E+00	-1.53E+01
47506084	-3.57E-03	-3.08E-02	7.15E-05	-2.70E-02	0.00E+00	0.00E+00	-4.82E-01	-2.76E-04	-7.92E-06	-1.71E-03	0.00E+00	-2.27E-06	-5.12E-10	-3.15E-08	-5.32E-02	-6.27E-01	0.00E+00	0.00E+00	-5.64E-01	-8.11E-04	-2.34E-01	0.00E+00	3.20E-10	-6.31E-09	-5.59E-04	-4.99E-07	-9.20E-02	0.00E+00	-2.34E-01	-1.08E-05	-2.34E-01	-3.42E-01	-9.20E-02	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
47506086	-3.99E-03	-2.82E-02	1.31E-06	-2.97E-02	0.00E+00	0.00E+00	-6.34E-01	-3.20E-04	-2.61E-05	-1.79E-03	0.00E+00	-2.59E-06	-5.24E-10	-3.86E-08	-6.24E-03	-1.14E+00	0.00E+00	0.00E+00	-5.77E-01	-9.26E-04	-2.68E-01	0.00E+00	-5.20E-10	-7.55E-09	-6.41E-04	-6.27E-07	-1.03E-01	0.00E+00	-2.68E-01	-1.13E-05	-2.68E-01	-3.79E-01	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
47506089	-5.66E-04	2.32E-02	1.49E-03	2.17E-02	0.00E+00	0.00E+00	2.24E-01	-8.79E-05	1.87E-04	-2.94E-04	0.00E+00	0.00E+00	-3.34E-11	-7.36E-09	1.92E-03	-9.88E-03	0.00E+00	0.00E+00	1.51E-01	0.00E+00	3.94E-01	0.00E+00	3.24E-09	-8.01E-11	-6.53E-05	0.00E+00	3.59E-02	0.00E+00	3.94E-01	-5.51E-06	3.94E-01	4.30E-01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	4.67E+00
47508902	-3.45E-03	-3.66E-02	-3.12E-04	-5.00E-02	0.00E+00	0.00E+00	-7.32E-01	-2.66E-04	-2.65E-05	-1.52E-03	0.00E+00	0.00E+00	-5.94E-10	-3.11E-08	-9.71E-03	-4.66E-01	0.00E+00	0.00E+00	-5.11E-01	0.00E+00	-4.76E-01	0.00E+00	-8.61E-10	-7.30E-09	-5.93E-04	-2.12E-10	-8.88E-02	0.00E+00	-4.76E-01	-1.07E-05	-4.76E-01	-5.78E-01	-8.88E-02	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
47508903	-2.96E-03	-2.49E-02	3.19E-04	-2.54E-02	0.00E+00	0.00E+00	-5.44E-01	-2.42E-04	-4.60E-06	-1.40E-03	0.00E+00	0.00E+00	-3.62E-10	-2.67E-08	-2.32E-03	-4.31E-01	0.00E+00	0.00E+00	-5.32E-01	0.00E+00	-2.40E-01	0.00E+00	-2.07E-11	-5.89E-09	-4.96E-04	-2.12E-10	-7.12E-02	0.00E+00	-2.40E-01	-9.18E-06	-2.40E-01	-3.14E-01	-7.12E-02	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
47508907	-2.77E-03	-1.98E-02	4.66E-04	-2.04E-02	0.00E+00	0.00E+00	-4.77E-01	-2.32E-04	5.91E-05	-1.10E-03	0.00E+00	0.00E+00	-3.07E-10	-2.37E-08	-3.78E-04	-3.91E-01	0.00E+00	0.00E+00	-4.61E-01	0.00E+00	-1.67E-01	0.00E+00	8.73E-10	-4.50E-09	-3.42E-04	-2.12E-10	-5.95E-02	0.00E+00	-1.67E-01	-7.23E-06	-1.67E-01	-3.12E-01	-5.95E-02	0.00E+00	0.00E+00	0.00E+00	-1.47E+01
47508913	-1.45E-03	1.38E-02	5.73E-04	4.52E-03	0.00E+00	0.00E+00	-4.00E-01	-1.86E-04	5.22E-05	-9.83E-04	0.00E+00	0.00E+00	-1.53E-10	-1.94E-08	7.50E-05	-5.80E-01	0.00E+00	0.00E+00	-3.82E-01	0.00E+00	-9.76E-03	0.00E+00	1.61E-09	-4.25E-09	-2.98E-04	-2.12E-10	-7.57E-02	0.00E+00	-9.76E-03	-6.24E-06	-9.76E-03	-1.61E-01	-7.57E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
47508914	-1.45E-03	1.37E-02	5.13E-04	4.52E-03	0.00E+00	0.00E+00	-4.00E-01	-1.86E-04	4.43E-05	-1.01E-03	0.00E+00	0.00E+00	-1.52E-10	-1.94E-08	-1.07E-04	-5.83E-01	0.00E+00	0.00E+00	-3.81E-01	0.00E+00	-1.90E-02	0.00E+00	1.73E-09	-4.25E-09	-2.96E-04	-2.12E-10	-7.66E-02	0.00E+00	-1.90E-02	-6.37E-06	-1.90E-02	-1.56E-01	-7.66E-02	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
47508915	-1.45E-03	1.37E-02	5.37E-04	4.52E-03	0.00E+00	0.00E+00	-4.00E-01	-1.86E-04	4.42E-05	-1.01E-03	0.00E+00	0.00E+00	-1.53E-10	-1.94E-08	4.60E-05	-5.80E-01	0.00E+00	0.00E+00	-3.84E-01	0.00E+00	-1.90E-02	0.00E+00	1.66E-09	-4.27E-09	-2.98E-04	-2.12E-10	-7.64E-02	0.00E+00	-1.90E-02	-6.35E-06	-1.90E-02	-1.61E-01	-7.64E-02	0.00E+00	0.00E+00	0.00E+00	-1.59E+01
47508924	-1.61E-03	8.56E-03	2.44E-04	5.46E-05	0.00E+00	0.00E+00	-4.85E-01	-2.08E-04	2.79E-05	-1.22E-03	0.00E+00	0.00E+00	-2.00E-10	-2.33E-08	-9.37E-04	-1.26E+00	0.00E+00	0.00E+00	-4.68E-01	0.00E+00	-1.35E-01	0.00E+00	1.32E-09	-5.42E-09	-3.30E-04	-2.12E-10	-1.68E-01	0.00E+00	-1.35E-01	-6.76E-06	-1.35E-01	-1.87E-01	-1.68E-01	0.00E+00	0.00E+00	0.00E+00	-2.03E+01
47508982	-2.85E-03	-1.97E-02	3.64E-04	-1.95E-02	0.00E+00	0.00E+00	-4.32E-01	-2.44E-04	2.58E-05	-1.32E-03	0.00E+00	0.00E+00	-3.21E-10	-2.61E-08	1.30E-03	-3.68E-01	0.00E+00	0.00E+00	-4.77E-01	0.00E+00	-1.46E-01	0.00E+00	1.03E-09	-4.61E-09	-4.20E-04	-2.12E-10	-5.08E-02	0.00E+00	-1.46E-01	-9.10E-06	-1.46E-01	-2.99E-01	-5.08E-02	0.00E+00	0.00E+00	0.00E+00	-1.59E+01
47508989	-6.58E-04	2.39E-02	1.52E-03	2.24E-02	0.00E+00	0.00E+00	2.01E-01	-9.64E-05	1.80E-04	-3.10E-04	0.00E+00	0.00E+00	-4.39E-11	-8.40E-09	2.03E-03	-2.80E-01	0.00E+00	0.00E+00	1.33E-01	0.00E+00	3.99E-01	0.00E+00	3.38E-09	-3.28E-10	-7.27E-05	0.00E+00	-3.38E-03	0.00E+00	3.99E-01	-6.05E-06	3.99E-01	3.95E-01	-3.38E-03	0.00E+00	0.00E+00	0.00E+00	3.81E+00
47511909	-6.91E-03	-1.11E-01	-1.65E-03	-1.10E-01	0.00E+00	0.00E+00	-1.19E+00	-4.26E-04	-2.39E-04	-3.03E-03	0.00E+00	0.00E+00	-9.58E-10	-4.95E-08	-2.03E-03	-2.34E+00	0.00E+00	0.00E+00	-1.13E+00	0.00E+00	-9.32E-01	0.00E+00	-4.63E-09	-1.31E-08	-9.49E-04	0.00E+00	-3.93E-01	0.00E+00	-9.32E-01	-1.60E-05	-9.32E-01	-1.33E+00	-3.93E-01	0.00E+00	0.00E+00	0.00E+00	-4.75E+01
47512045	-3.53E-03	3.13E-02	7.83E-04	3.06E-02	0.00E+00	0.00E+00	-5.00E-01	-3.72E-04	-8.73E-05	-1.62E-03	0.00E+00	0.00E+00	-3.91E-10	-4.23E-08	1.97E-03	-2.55E-01	0.00E+00	0.00E+00	-3.94E-01	0.00E+00	3.79E-01	0.00E+00	3.86E-09	-4.62E-09	-4.59E-04	0.00E+00	-1.84E-02	0.00E+00	3.79E-01	-1.36E-05	3.79E-01	3.61E-01	-1.84E-02	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
47512089	-1.50E-03	-7.93E-02	-4.77E-04	-7.88E-02	0.00E+00	0.00E+00	-4.26E-01	-1.54E-04	6.98E-05	-1.40E-03	0.00E+00	0.00E+00	-6.14E-10	-1.59E-08	-9.93E-04	-1.91E+00	0.00E+00	0.00E+00	-5.23E-01	0.00E+00	-6.07E-01	0.00E+00	-2.56E-09	-7.46E-09	-4.77E-04	0.00E+00	-3.01E-01	0.00E+00	-6.07E-01	-8.27E-06	-6.07E-01	-9.08E-01	-3.01E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
47516039	-3.14E-03	-4.35E-02	2.11E-04	-2.82E-02	0.00E+00	0.00E+00	-5.24E-01	-2.67E-04	3.05E-05	-1.49E-03	0.00E+00	0.00E+00	-4.49E-10	-3.20E-08	-4.85E-03	-1.28E+00	0.00E+00	0.00E+00	-4.43E-01	0.00E+00	-2.18E-01	0.00E+00	-5.57E-10	-6.65E-09	-5.10E-04	-2.12E-10	-1.50E-01	0.00E+00	-2.18E-01	-1.05E-05	-2.18E-01	-3.60E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
47516059	-3.13E-03	-4.26E-02	2.69E-04	-2.81E-02	0.00E+00	0.00E+00	-5.21E-01	-2.67E-04	3.29E-05	-1.49E-03	0.00E+00	0.00E+00	-4.42E-10	-3.19E-08	-7.46E-04	-1.28E+00	0.00E+00	0.00E+00	-4.40E-01	0.00E+00	-2.11E-01	0.00E+00	-4.96E-10	-6.56E-09	-5.00E-04	-2.12E-10	-1.50E-01	0.00E+00	-2.11E-01	-1.05E-05	-2.11E-01	-3.56E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
47516064	-3.67E-03	-3.65E-02	-4.98E-05	-3.89E-02	0.00E+00	0.00E+00	-5.93E-01	-2.80E-04	-7.22E-06	-2.01E-03	0.00E+00	-1.38E-05	-5.56E-10	-3.29E-08	-4.69E-02	-1.49E+00	0.00E+00	0.00E+00	-5.02E-01	-4.89E-03	-3.66E-01	0.00E+00	3.17E-10	-6.93E-09	-5.87E-04	-3.14E-06	-2.29E-01	0.00E+00	-3.66E-01	-1.10E-05	-3.66E-01	-4.51E-01	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
47516066	-4.11E-03	-1.27E-01	-1.82E-03	-1.25E-01	0.00E+00	0.00E+00	-1.28E+00	-3.89E-04	-2.00E-04	-2.93E-03	0.00E+00	-1.71E-05	-9.12E-10	-4.49E-08	-5.38E-03	-2.64E+00	0.00E+00	0.00E+00	-1.05E+00	-6.09E-03	-1.28E+00	0.00E+00	-4.32E-09	-1.27E-08	-9.20E-04	-4.01E-06	-4.40E-01	0.00E+00	-1.28E+00	-1.47E-05	-1.28E+00	-1.72E+00	-4.40E-01	0.00E+00	0.00E+00	0.00E+00	-4.42E+01
47516069	-5.58E-04	3.78E-02	1.73E-03	3.61E-02	0.00E+00	0.00E+00	2.43E-01	-9.62E-05	2.01E-04	-1.65E-04	0.00E+00	0.00E+00	-3.71E-11	-8.19E-09	-3.29E-02	-9.12E-02	0.00E+00	0.00E+00	2.15E-01	0.00E+00	5.93E-01	0.00E+00	5.46E-09	7.40E-10	-2.43E-05	0.00E+00	3.30E-02	0.00E+00	5.93E-01	-5.90E-06	5.93E-01	6.26E-01	3.30E-02	0.00E+00	0.00E+00	0.00E+00	6.93E+00
47516072	-3.18E-03	-2.23E-02	2.91E-04	-2.79E-02	0.00E+00	0.00E+00	-5.13E-01	-2.76E-04	2.51E-05	-1.51E-03	0.00E+00	0.00E+00	-4.13E-10	-3.18E-08	1.33E-03	-1.14E+00	0.00E+00	0.00E+00	-4.02E-01	0.00E+00	-9.12E-02	0.00E+00	8.37E-10	-6.03E-09	-4.74E-04	-2.12E-10	-1.40E-01	0.00E+00	-9.12E-02	-1.05E-05	-9.12E-02	-3.43E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
47516074	-3.70E-03	-3.62E-02	-1.76E-05	-3.85E-02	0.00E+00	0.00E+00	-5.78E-01	-2.84E-04	-1.69E-05	-2.00E-03	0.00E+00	-1.87E-05	-5.51E-10	-3.31E-08	-4.85E-02	-1.40E+00	0.00E+00	0.00E+00	-5.18E-01	-6.65E-03	-3.64E-01	0.00E+00	4.49E-10	-6.97E-09	-5.88E-04	-4.40E-06	-2.18E-01	0.00E+00	-3.64E-01	-1.09E-05	-3.64E-01	-4.82E-01	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
47516076	-3.22E-03	-3.55E-02	1.59E-04	-3.70E-02	0.00E+00	0.00E+00	-5.46E-01	-2.72E-04	-1.79E-05	-1.91E-03	0.00E+00	-1.87E-05	-5.21E-10	-3.09E-08	-1.97E-03	-1.40E+00	0.00E+00	0.00E+00	-4.94E-01	-6.65E-03	-3.35E-01	0.00E+00	7.61E-10	-6.53E-09	-5.65E-04	-4.39E-06	-2.15E-01	0.00E+00	-3.35E-01	-1.07E-05	-3.35E-01	-4.67E-01	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
47516079	-3.09E-03	-2.60E-02	2.94E-04	-2.42E-02	0.00E+00	0.00E+00	-4.72E-01	-2.56E-04	4.94E-05	-1.49E-03	0.00E+00	0.00E+00	-4.02E-10	-3.12E-08	1.08E-03	-1.11E+00	0.00E+00	0.00E+00	-3.54E-01	0.00E+00	-1.21E-01	0.00E+00	9.43E-10	-5.91E-09	-4.74E-04	-2.12E-10	-1.42E-01	0.00E+00	-1.21E-01	-1.04E-05	-1.21E-01	-3.46E-01	-1.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.13E+01
47516084	-7.20E-03	-1.40E-01	-2.27E-03	-1.38E-01	0.00E+00	0.00E+00	-1.48E+00	-4.38E-04	-2.62E-04	-3.29E-03	0.00E+00	-1.81E-05	-9.87E-10	-5.11E-08	-1.04E-01	-2.72E+00	0.00E+00	0.00E+00	-1.17E+00	-6.46E-03	-1.61E+00	0.00E+00	-4.96E-09	-1.41E-08	-1.03E-03	-4.25E-06	-4.60E-01	0.00E+00	-1.61E+00	-1.65E-05	-1.61E+00	-2.07E+00	-4.60E-01	0.00E+00	0.00E+00	0.00E+00	-4.92E+01
47516086	-3.47E-03	-7.77E-02	-1.14E-03	-7.66E-02	0.00E+00	0.00E+00	-1.11E+00	-3.49E-04	-1.22E-04	-2.32E-03	0.00E+00	-1.81E-05	-8.53E-10	-3.98E-08	-3.97E-02	-7.32E-01	0.00E+00	0.00E+00	-8.39E-01	-6.46E-03	-9.39E-01	0.00E+00	-1.00E-09	-9.55E-09	-7.51E-04	-4.25E-06	-1.49E-01	0.00E+00	-9.39E-01	-1.07E-05	-9.39E-01	-1.09E+00	-1.49E-01	0.00E+00	0.00E+00	0.00E+00	-3.66E+01
47516089	-7.11E-03	-1.14E-01	-1.69E-03	-1.13E-01	0.00E+00	0.00E+00	-1.22E+00	-4.38E-04	-2.46E-04	-3.11E-03	0.00E+00	0.00E+00	-9.82E-10	-5.10E-08	-2.08E-03	-2.44E+00	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	-9.55E-01	0.00E+00	-4.75E-09	-1.35E-08	-9.75E-04	0.00E+00	-4.09E-01	0.00E+00	-9.55E-01	-1.65E-05	-9.55E-01	-1.36E+00	-4.09E-01	0.00E+00	0.00E+00	0.00E+00	-4.88E+01
47517103	-3.17E-03	-6.68E-02	-1.15E-04	-4.82E-02	0.00E+00	0.00E+00	-4.97E-01	-2.62E-04	5.50E-06	-1.72E-03	0.00E+00	0.00E+00	-7.17E-10	-3.19E-08	-9.64E-04	-2.10E+00	0.00E+00	0.00E+00	-6.44E-01	0.00E+00	-2.57E-01	0.00E+00	-1.17E-09	-8.94E-09	-5.36E-04	-2.12E-10	-3.47E-01	0.00E+00	-2.57E-01	-1.05E-05	-2.57E-01	-5.59E-01	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	-2.64E+01
47517104	-3.21E-03	-1.36E-01	-1.29E-03	-1.34E-01	0.00E+00	0.00E+00	-9.34E-01	-3.13E-04	-1.09E-04	-2.55E-03	0.00E+00	0.00E+00	-1.15E-09	-3.50E-08	-1.74E-03	-2.49E+00	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-1.12E+00	0.00E+00	-4.96E-09	-1.35E-08	-8.92E-04	0.00E+00	-4.20E-01	0.00E+00	-1.12E+00	-9.75E-06	-1.12E+00	-1.54E+00	-4.20E-01	0.00E+00	0.00E+00	0.00E+00	-4.55E+01
47517106	-3.53E-03	2.16E-02	7.83E-04	2.08E-02	0.00E+00	0.00E+00	-4.89E-01	-3.72E-04	-9.34E-05	-1.70E-03	0.00E+00	0.00E+00	-3.90E-10	-4.22E-08	2.06E-03	-2.53E-01	0.00E+00	0.00E+00	-3.78E-01	0.00E+00	4.18E-01	0.00E+00	4.06E-09	-4.54E-09	-4.72E-04	0.00E+00	-1.64E-02	0.00E+00	4.18E-01	-1.35E-05	4.18E-01	4.01E-01	-1.64E-02	0.00E+00	0.00E+00	0.00E+00	-1.82E+01
47517109	-1.09E-03	4.64E-03	1.36E-03	3.28E-03	0.00E+00	0.00E+00	9.38E-02	-1.37E-04	1.45E-04	-5.23E-04	0.00E+00	0.00E+00	-1.01E-10	-1.35E-08	1.75E-03	-2.18E+00	0.00E+00	0.00E+00	3.90E-02	0.00E+00	3.20E-01	0.00E+00	2.87E-09	-2.05E-09	-1.39E-04	0.00E+00	-2.85E-01	0.00E+00	3.20E-01	-7.29E-06	3.20E-01	3.49E-02	-2.85E-01	0.00E+00	0.00E+00	0.00E+00	-7.66E-02
47517203	-3.15E-03	-6.70E-02	-1.16E-04	-4.93E-02	0.00E+00	0.00E+00	-4.97E-01	-2.58E-04	1.05E-05	-1.70E-03	0.00E+00	0.00E+00	-7.15E-10	-3.15E-08	-1.12E-03	-2.17E+00	0.00E+00	0.00E+00	-6.46E-01	0.00E+00	-2.59E-01	0.00E+00	-1.21E-09	-8.90E-09	-5.26E-04	-2.12E-10	-3.47E-01	0.00E+00	-2.59E-01	-1.04E-05	-2.59E-01	-5.59E-01	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	-2.63E+01
47517204	-4.11E-03	-8.37E-02	-1.33E-03	-8.24E-02	0.00E+00	0.00E+00	-1.12E+00	-4.01E-04	-1.85E-04	-2.78E-03	0.00E+00	0.00E+00	-1.25E-09	-4.58E-08	-9.97E-04	-4.59E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-8.54E-01	0.00E+00	-2.53E-09	-1.31E-08	-9.58E-04	0.00E+00	-1.19E-01	0.00E+00	-8.54E-01	-1.52E-05	-8.54E-01	-9.74E-01	-1.19E-01	0.00E+00	0.00E+00	0.00E+00	-5.02E+01
47517206	5.26E-04	2.19E-02	2.18E-03	1.97E-02	0.00E+00	0.00E+00	5.07E-01	8.53E-07	3.14E-04	4.34E-04	0.00E+00	0.00E+00	8.41E-11	3.82E-09	2.63E-03	-2.04E+00	0.00E+00	0.00E+00	3.77E-01	0.00E+00	5.51E-01	0.00E+00	4.34E-09	1.25E-09	1.33E-04	0.00E+00	-2.50E-01	0.00E+00	5.51E-01	9.98E-08	5.51E-01	3.01E-01	-2.50E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+01
47517209	-9.64E-04	-8.15E-02	-2.68E-04	-8.12E-02	0.00E+00	0.00E+00	-2.91E-01	-1.05E-04	1.24E-04	-1.12E-03	0.00E+00	0.00E+00	-5.57E-10	-9.70E-09	-8.21E-04	-2.33E+00	0.00E+00	0.00E+00	-4.19E-01	0.00E+00	-5.60E-01	0.00E+00	-2.24E-09	-6.72E-09	-3.98E-04	0.00E+00	-3.57E-01	0.00E+00	-5.60E-01	-6.50E-06	-5.60E-01	-9.17E-01	-3.57E-01	0.00E+00	0.00E+00	0.00E+00	-1.75E+01
47517214	-3.51E-03	-7.06E-02	-2.46E-04	-5.28E-02	0.00E+00	0.00E+00	-5.99E-01	-3.31E-04	3.13E-05	-1.95E-03	0.00E+00	0.00E+00	-6.87E-10	-3.68E-08	-9.08E-04	-2.25E+00	0.00E+00	0.00E+00	-6.75E-01	0.00E+00	-2.35E-01	0.00E+00	-1.36E-09	-9.14E-09	-5.70E-04	-2.12E-10	-3.76E-01	0.00E+00	-2.35E-01	-1.08E-05	-2.35E-01	-6.44E-01	-3.76E-01	0.00E+00	0.00E+00	0.00E+00	-2.95E+01
47518982	-3.27E-03	-1.97E-02	-2.30E-04	-4.14E-02	0.00E+00	0.00E+00	-5.70E-01	-2.75E-04	-7.22E-06	-1.67E-03	0.00E+00	0.00E+00	-4.78E-10	-3.04E-08	-6.87E-03	-1.45E+00	0.00E+00	0.00E+00	-7.01E-01	0.00E+00	-2.59E-01	0.00E+00	1.66E-09	-6.55E-09	-5.06E-04	-2.12E-10	-2.28E-01	0.00E+00	-2.59E-01	-1.04E-05	-2.59E-01	-4.51E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-2.58E+01
47518989	1.32E-04	-5.25E-02	3.94E-04	-5.28E-02	0.00E+00	0.00E+00	-9.86E-03	-1.58E-05	2.40E-04	-3.39E-04	0.00E+00	0.00E+00	-4.17E-10	1.39E-09	-1.78E-05	-1.87E+00	0.00E+00	0.00E+00	-1.78E-01	0.00E+00	-3.47E-01	0.00E+00	-8.47E-10	-4.02E-09	-1.81E-04	0.00E+00	-2.80E-01	0.00E+00	-3.47E-01	-8.52E-07	-3.47E-01	-6.28E-01	-2.80E-01	0.00E+00	0.00E+00	0.00E+00	-7.99E+00
47521404	-3.34E-03	-3.10E-02	-9.12E-05	-3.47E-02	0.00E+00	0.00E+00	-4.83E-01	-2.59E-04	1.83E-05	-1.58E-03	0.00E+00	-2.27E-06	-4.45E-10	-2.94E-08	-4.07E-02	-1.36E+00	0.00E+00	0.00E+00	-3.68E-01	-8.11E-04	-2.24E-01	0.00E+00	3.51E-10	-6.03E-09	-4.95E-04	-5.04E-07	-1.98E-01	0.00E+00	-2.24E-01	-1.00E-05	-2.24E-01	-4.46E-01	-1.98E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+01
47521606	6.39E-04	6.01E-02	2.54E-03	5.76E-02	0.00E+00	0.00E+00	5.59E-01	1.19E-06	3.24E-04	6.38E-04	0.00E+00	0.00E+00	9.79E-11	3.92E-09	-3.15E-02	1.76E-01	0.00E+00	0.00E+00	4.88E-01	0.00E+00	8.91E-01	0.00E+00	7.61E-09	3.61E-09	2.01E-04	0.00E+00	8.58E-02	0.00E+00	8.91E-01	2.86E-07	8.91E-01	9.77E-01	8.58E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01

47521909	-2.96E-03	-3.59E-02	1.93E-04	-2.97E-02	0.00E+00	0.00E+00	-4.69E-01	-2.52E-04	3.10E-05	-1.44E-03	0.00E+00	0.00E+00	-4.14E-10	-2.89E-08	-3.30E-03	-1.47E+00	0.00E+00	0.00E+00	-3.90E-01	0.00E+00	-1.70E-01	0.00E+00	4.16E-10	-6.18E-09	-4.35E-04	-2.12E-10	-2.01E-01	0.00E+00	-1.70E-01	-9.98E-06	-1.70E-01	-4.05E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-2.05E+01
47526039	-3.15E-03	-5.59E-02	1.20E-04	-5.67E-02	0.00E+00	0.00E+00	-5.15E-01	-2.60E-04	2.32E-05	-1.61E-03	0.00E+00	0.00E+00	-4.46E-10	-3.13E-08	-4.01E-03	-1.88E+00	0.00E+00	0.00E+00	-5.48E-01	0.00E+00	-2.06E-01	0.00E+00	-5.03E-10	-6.95E-09	-4.61E-04	-2.12E-10	-2.98E-01	0.00E+00	-2.06E-01	-1.01E-05	-2.06E-01	-5.88E-01	-2.98E-01	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
47526049	-3.15E-03	-5.59E-02	1.30E-04	-5.48E-02	0.00E+00	0.00E+00	-5.13E-01	-2.60E-04	2.32E-05	-1.60E-03	0.00E+00	0.00E+00	-4.39E-10	-3.13E-08	-3.26E-03	-1.86E+00	0.00E+00	0.00E+00	-5.45E-01	0.00E+00	-2.00E-01	0.00E+00	-4.45E-10	-7.00E-09	-4.61E-04	-2.12E-10	-2.89E-01	0.00E+00	-2.00E-01	-1.01E-05	-2.00E-01	-5.88E-01	-2.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.37E+01
47526084	-3.55E-03	-3.70E-02	5.29E-05	-4.05E-02	0.00E+00	0.00E+00	-5.46E-01	-2.76E-04	-1.64E-05	-1.91E-03	0.00E+00	-1.85E-05	-5.49E-10	-3.23E-08	-4.86E-02	-1.93E+00	0.00E+00	0.00E+00	-5.21E-01	-6.59E-03	-3.41E-01	0.00E+00	6.30E-10	-6.83E-09	-5.49E-04	-4.37E-06	-3.14E-01	0.00E+00	-3.41E-01	-1.06E-05	-3.41E-01	-5.44E-01	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
47526086	-3.87E-03	-3.25E-02	1.17E-04	-3.93E-02	0.00E+00	0.00E+00	-6.29E-01	-3.13E-04	-1.50E-05	-1.88E-03	0.00E+00	-1.86E-05	-5.21E-10	-3.76E-08	-2.61E-03	-2.17E+00	0.00E+00	0.00E+00	-5.43E-01	-6.63E-03	-2.92E-01	0.00E+00	8.05E-10	-6.96E-09	-5.77E-04	-4.42E-06	-3.03E-01	0.00E+00	-2.92E-01	-1.05E-05	-2.92E-01	-5.14E-01	-3.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.54E+01
47526089	-2.88E-03	-2.77E-02	4.26E-04	-3.04E-02	0.00E+00	0.00E+00	-4.43E-01	-2.43E-04	5.32E-05	-1.39E-03	0.00E+00	0.00E+00	-3.88E-10	-2.83E-08	-4.40E-04	-1.63E+00	0.00E+00	0.00E+00	-3.57E-01	0.00E+00	-8.99E-02	0.00E+00	1.17E-09	-5.57E-09	-4.22E-04	-2.12E-10	-2.56E-01	0.00E+00	-8.99E-02	-1.00E-05	-8.99E-02	-3.72E-01	-2.56E-01	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
47527103	-3.19E-03	-6.59E-02	-1.14E-04	-5.18E-02	0.00E+00	0.00E+00	-5.10E-01	-2.59E-04	5.32E-06	-1.72E-03	0.00E+00	0.00E+00	-7.13E-10	-3.17E-08	-1.28E-03	-2.28E+00	0.00E+00	0.00E+00	-6.56E-01	0.00E+00	-2.59E-01	0.00E+00	-9.75E-10	-8.93E-09	-5.22E-04	-2.12E-10	-3.89E-01	0.00E+00	-2.59E-01	-1.04E-05	-2.59E-01	-5.80E-01	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.64E+01
47527104	-3.19E-03	-6.98E-02	-2.39E-04	-6.13E-02	0.00E+00	0.00E+00	-5.72E-01	-2.55E-04	-2.58E-06	-2.05E-03	0.00E+00	0.00E+00	-7.43E-10	-3.17E-08	-1.14E-03	-2.22E+00	0.00E+00	0.00E+00	-7.21E-01	0.00E+00	-3.06E-01	0.00E+00	-1.29E-09	-9.49E-09	-5.80E-04	-2.12E-10	-3.49E-01	0.00E+00	-3.06E-01	-1.06E-05	-3.06E-01	-6.32E-01	-3.49E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
47527106	-3.32E-03	-3.56E-02	2.34E-04	-3.38E-02	0.00E+00	0.00E+00	-4.55E-01	-2.56E-04	2.87E-05	-1.43E-03	0.00E+00	-2.27E-06	-4.29E-10	-3.12E-08	-4.14E-02	-1.98E+00	0.00E+00	0.00E+00	-4.57E-01	-8.11E-04	-1.51E-01	0.00E+00	7.70E-10	-6.13E-09	-4.30E-04	-5.44E-07	-2.89E-01	0.00E+00	-1.51E-01	-1.01E-05	-1.51E-01	-3.93E-01	-2.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.06E+01
47527109	-3.02E-03	-4.11E-02	3.34E-04	-3.61E-02	0.00E+00	0.00E+00	-4.57E-01	-2.50E-04	3.02E-05	-1.41E-03	0.00E+00	0.00E+00	-4.15E-10	-3.13E-08	-2.57E-04	-2.08E+00	0.00E+00	0.00E+00	-4.71E-01	0.00E+00	-1.30E-01	0.00E+00	6.69E-10	-6.10E-09	-4.15E-04	-2.12E-10	-3.14E-01	0.00E+00	-1.30E-01	-9.97E-06	-1.30E-01	-4.68E-01	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.08E+01
47527203	-3.19E-03	-6.59E-02	-1.14E-04	-5.18E-02	0.00E+00	0.00E+00	-5.10E-01	-2.59E-04	5.32E-06	-1.72E-03	0.00E+00	0.00E+00	-7.13E-10	-3.17E-08	-1.28E-03	-2.28E+00	0.00E+00	0.00E+00	-6.56E-01	0.00E+00	-2.59E-01	0.00E+00	-9.75E-10	-8.93E-09	-5.22E-04	-2.12E-10	-3.89E-01	0.00E+00	-2.59E-01	-1.04E-05	-2.59E-01	-5.80E-01	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.64E+01
47527204	-3.19E-03	-6.91E-02	-2.61E-04	-5.18E-02	0.00E+00	0.00E+00	-5.30E-01	-2.58E-04	6.24E-06	-2.08E-03	0.00E+00	0.00E+00	-7.34E-10	-3.16E-08	-1.07E-03	-2.22E+00	0.00E+00	0.00E+00	-6.94E-01	0.00E+00	-2.34E-01	0.00E+00	-1.23E-09	-9.21E-09	-5.72E-04	-2.12E-10	-3.56E-01	0.00E+00	-2.34E-01	-1.05E-05	-2.34E-01	-5.43E-01	-3.56E-01	0.00E+00	0.00E+00	0.00E+00	-2.81E+01
47527206	-3.35E-03	-4.31E-02	1.19E-04	-4.07E-02	0.00E+00	0.00E+00	-4.81E-01	-2.55E-04	2.14E-05	-1.51E-03	0.00E+00	-2.27E-06	-4.49E-10	-3.19E-08	-4.14E-02	-2.16E+00	0.00E+00	0.00E+00	-4.68E-01	-8.11E-04	-1.50E-01	0.00E+00	7.53E-10	-6.40E-09	-4.36E-04	-5.44E-07	-3.21E-01	0.00E+00	-1.50E-01	-1.04E-05	-1.50E-01	-4.81E-01	-3.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
47527209	-3.00E-03	-3.41E-02	2.84E-04	-3.30E-02	0.00E+00	0.00E+00	-4.76E-01	-2.57E-04	2.36E-05	-1.44E-03	0.00E+00	0.00E+00	-4.16E-10	-3.18E-08	-2.74E-04	-1.98E+00	0.00E+00	0.00E+00	-4.37E-01	0.00E+00	-1.02E-01	0.00E+00	8.82E-10	-6.12E-09	-4.18E-04	-2.12E-10	-2.89E-01	0.00E+00	-1.02E-01	-1.03E-05	-1.02E-01	-3.93E-01	-2.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.02E+01
47528982	-3.01E-03	-3.07E-02	2.66E-05	-2.93E-02	0.00E+00	0.00E+00	-4.69E-01	-2.56E-04	1.79E-05	-1.42E-03	0.00E+00	0.00E+00	-4.29E-10	-2.92E-08	-3.55E-03	-1.35E+00	0.00E+00	0.00E+00	-4.07E-01	0.00E+00	-2.16E-01	0.00E+00	4.18E-10	-5.85E-09	-4.56E-04	-2.12E-10	-2.00E-01	0.00E+00	-2.16E-01	-9.97E-06	-2.16E-01	-4.34E-01	-2.00E-01	0.00E+00	0.00E+00	0.00E+00	-2.15E+01
47528989	-4.35E-03	-5.87E-02	-1.16E-03	-5.76E-02	0.00E+00	0.00E+00	-1.12E+00	-4.25E-04	-2.10E-04	-2.69E-03	0.00E+00	0.00E+00	-9.48E-10	-4.93E-08	-7.23E-04	-4.38E-01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-5.55E-01	0.00E+00	-1.54E-09	-1.09E-08	-8.54E-04	0.00E+00	-1.03E-01	0.00E+00	-5.55E-01	-1.61E-05	-5.55E-01	-6.58E-01	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-4.39E+01
4755	2.29E-04	-2.01E-02	6.50E-04	-2.07E-02	0.00E+00	0.00E+00	4.93E-02	-1.13E-05	2.61E-04	-1.81E-04	0.00E+00	0.00E+00	-2.89E-10	1.98E-09	4.53E-04	-1.18E-01	0.00E+00	0.00E+00	-7.11E-02	0.00E+00	-1.48E-01	0.00E+00	2.28E-10	-1.94E-09	-1.07E-04	0.00E+00	-1.65E-02	0.00E+00	-1.48E-01	-6.12E-07	-1.48E-01	-1.65E-01	-1.65E-02	0.00E+00	0.00E+00	0.00E+00	-3.72E+00
475501	-3.33E-04	-3.02E-02	2.83E-04	-3.05E-02	0.00E+00	0.00E+00	-1.09E-01	-6.06E-05	2.00E-04	-5.41E-04	0.00E+00	0.00E+00	-3.56E-10	-4.24E-09	-3.56E-02	-3.73E-02	0.00E+00	0.00E+00	-1.87E-01	0.00E+00	-3.16E-01	0.00E+00	-4.71E-10	-3.08E-09	-2.10E-04	0.00E+00	-1.17E-02	0.00E+00	-3.16E-01	-2.39E-06	-3.16E-01	-3.27E-01	-1.17E-02	0.00E+00	0.00E+00	0.00E+00	-8.42E+00
47552045	-6.98E-03	-7.59E-02	-1.47E-03	-7.44E-02	0.00E+00	0.00E+00	-1.17E+00	-4.33E-04	-2.28E-04	-2.90E-03	0.00E+00	0.00E+00	-8.47E-10	-5.05E-08	-1.73E-03	-8.14E-01	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	-7.65E-01	0.00E+00	-3.77E-09	-1.14E-08	-8.87E-04	0.00E+00	-1.64E-01	0.00E+00	-7.65E-01	-1.62E-05	-7.65E-01	-9.30E-01	-1.64E-01	0.00E+00	0.00E+00	0.00E+00	-4.45E+01
47552089	-6.98E-03	-7.59E-02	-1.47E-03	-7.44E-02	0.00E+00	0.00E+00	-1.17E+00	-4.33E-04	-2.28E-04	-2.90E-03	0.00E+00	0.00E+00	-8.47E-10	-5.05E-08	-1.73E-03	-8.14E-01	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	-7.65E-01	0.00E+00	-3.77E-09	-1.14E-08	-8.87E-04	0.00E+00	-1.64E-01	0.00E+00	-7.65E-01	-1.62E-05	-7.65E-01	-9.30E-01	-1.64E-01	0.00E+00	0.00E+00	0.00E+00	-4.45E+01
47591606	-8.00E-03	-1.85E-01	-1.88E-03	-1.83E-01	0.00E+00	0.00E+00	-1.40E+00	-4.98E-04	-2.82E-04	-3.55E-03	0.00E+00	0.00E+00	-1.11E-09	-5.81E-08	-2.42E-03	-6.73E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-1.13E+00	0.00E+00	-5.87E-09	-1.70E-08	-1.11E-03	0.00E+00	-1.05E+00	0.00E+00	-1.13E+00	-1.52E-05	-1.13E+00	-2.17E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-5.58E+01
47591909	-8.00E-03	-1.85E-01	-1.88E-03	-1.83E-01	0.00E+00	0.00E+00	-1.40E+00	-4.98E-04	-2.82E-04	-3.55E-03	0.00E+00	0.00E+00	-1.11E-09	-5.81E-08	-2.42E-03	-6.73E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-1.13E+00	0.00E+00	-5.87E-09	-1.70E-08	-1.11E-03	0.00E+00	-1.05E+00	0.00E+00	-1.13E+00	-1.52E-05	-1.13E+00	-2.17E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-5.58E+01
47601404	-7.78E-03	-1.60E-01	-1.57E-03	-1.72E-01	0.00E+00	0.00E+00	-1.27E+00	-4.87E-04	-2.53E-04	-3.19E-03	0.00E+00	0.00E+00	-1.04E-09	-5.39E-08	-2.27E-03	-5.80E+00	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-7.97E-01	0.00E+00	-4.17E-09	-1.49E-08	-1.05E-03	-2.12E-10	-8.98E-01	0.00E+00	-7.97E-01	-1.39E-05	-7.97E-01	-1.56E+00	-8.98E-01	0.00E+00	0.00E+00	0.00E+00	-5.19E+01
47601606	-7.76E-03	-1.73E-01	-1.79E-03	-1.73E-01	0.00E+00	0.00E+00	-1.25E+00	-4.70E-04	-2.49E-04	-3.22E-03	0.00E+00	0.00E+00	-1.10E-09	-5.30E-08	-2.18E-03	-6.70E+00	0.00E+00	0.00E+00	-1.33E+00	0.00E+00	-1.06E+00	0.00E+00	-4.30E-09	-1.59E-08	-1.09E-03	-2.12E-10	-1.05E+00	0.00E+00	-1.06E+00	-1.35E-05	-1.06E+00	-2.08E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-5.26E+01
47601909	-6.66E-03	-1.71E-01	-1.47E-03	-1.57E-01	0.00E+00	0.00E+00	-1.22E+00	-4.65E-04	-2.40E-04	-3.09E-03	0.00E+00	0.00E+00	-1.07E-09	-5.20E-08	-1.75E-03	-6.48E+00	0.00E+00	0.00E+00	-1.27E+00	0.00E+00	-1.01E+00	0.00E+00	-2.88E-09	-1.48E-08	-1.08E-03	-2.12E-10	-9.55E-01	0.00E+00	-1.01E+00	-1.34E-05	-1.01E+00	-1.95E+00	-9.55E-01	0.00E+00	0.00E+00	0.00E+00	-4.96E+01
4763	-9.87E-03	-1.64E-01	-3.20E-03	-1.50E-01	0.00E+00	0.00E+00	-2.46E+00	-8.57E-04	-1.14E-04	-5.60E-03	0.00E+00	-4.60E-10	-1.30E-09	-8.37E-08	-3.46E-01	-2.53E+00	0.00E+00	0.00E+00	-1.80E+00	0.00E+00	-1.58E+00	0.00E+00	-4.80E-09	-2.11E-08	-1.74E-03	-2.04E-10	-2.82E-01	0.00E+00	-1.58E+00	-3.66E-05	-1.58E+00	-2.09E+00	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-7.76E+01
476301	-9.88E-03	-1.68E-01	-3.23E-03	-1.53E-01	0.00E+00	0.00E+00	-2.52E+00	-9.54E-04	-1.04E-04	-5.88E-03	0.00E+00	-2.18E-05	-1.46E-09	-8.66E-08	-3.49E-01	-3.10E+00	0.00E+00	0.00E+00	-1.99E+00	-7.74E-03	-1.83E+00	0.00E+00	-4.86E-09	-2.17E-08	-1.80E-03	-5.15E-06	-4.03E-01	0.00E+00	-1.83E+00	-3.79E-05	-1.83E+00	-2.11E+00	-4.03E-01	0.00E+00	0.00E+00	0.00E+00	-8.12E+01
476309	-1.79E-02	-1.87E-01	-3.37E-03	-1.83E-01	0.00E+00	0.00E+00	-2.94E+00	-1.12E-03	-5.62E-04	-7.16E-03	0.00E+00	0.00E+00	-1.87E-09	-1.32E-07	-3.85E-03	-3.97E+00	0.00E+00	0.00E+00	-2.51E+00	0.00E+00	-1.61E+00	0.00E+00	-8.27E-09	-2.73E-08	-2.13E-03	0.00E+00	-6.82E-01	0.00E+00	-1.61E+00	-4.12E-05	-1.61E+00	-2.29E+00	-6.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
47631404	-3.53E-03	-5.28E-02	-2.15E-04	-5.41E-02	0.00E+00	0.00E+00	-5.92E-01	-2.81E-04	-2.11E-05	-1.88E-03	0.00E+00	-1.33E-05	-5.13E-10	-3.07E-08	-4.14E-02	-1.53E+00	0.00E+00	0.00E+00	-5.03E-01	-4.79E-03	-3.55E-01	0.00E+00	1.08E-10	-6.82E-09	-5.55E-04	-3.05E-06	-2.61E-01	0.00E+00	-3.55E-01	-1.09E-05	-3.55E-01	-5.31E-01	-2.61E-01	0.00E+00	0.00E+00	0.00E+00	-2.76E+01
47631606	-2.99E-03	-4.04E-02	-5.96E-05	-4.18E-02	0.00E+00	0.00E+00	-5.40E-01	-2.78E-04	-5.30E-06	-1.71E-03	0.00E+00	-1.34E-05	-4.47E-10	-3.18E-08	-4.67E-03	-1.33E+00	0.00E+00	0.00E+00	-5.54E-01	-4.81E-03	-2.38E-01	0.00E+00	3.31E-10	-6.49E-09	-5.31E-04	-3.09E-06	-2.35E-01	0.00E+00	-2.38E-01	-1.11E-05	-2.38E-01	-4.23E-01	-2.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E+01
47631909	-3.00E-03	-4.75E-02	-9.08E-05	-4.37E-02	0.00E+00	0.00E+00	-5.42E-01	-2.71E-04	-1.75E-07	-1.73E-03	0.00E+00	0.00E+00	-4.67E-10	-3.02E-08	-1.52E-03	-1.32E+00	0.00E+00	0.00E+00	-4.76E-01	0.00E+00	-2.18E-01	0.00E+00	-3.87E-11	-6.47E-09	-5.45E-04	-2.12E-10	-2.17E-01	0.00E+00	-2.18E-01	-1.06E-05	-2.18E-01	-4.54E-01	-2.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
47633502	-2.76E-03	-1.41E-01	-3.51E-03	-1.35E-01	0.00E+00	0.00E+00	-1.28E+00	-2.56E-04	-1.67E-04	-2.03E-03	0.00E+00	-4.65E-10	-5.78E-10	-3.17E-08	-8.72E-01	-9.02E-01	0.00E+00	0.00E+00	-7.51E-01	0.00E+00	-2.85E+00	0.00E+00	-3.79E-09	-1.08E-08	-7.60E-04	-2.09E-10	-1.90E-01	0.00E+00	-2.85E+00	-6.28E-06	-2.85E+00	-3.34E+00	-1.90E-01	0.00E+00	0.00E+00	0.00E+00	-3.02E+01
47633505	5.79E-04	9.83E-02	2.85E-03	9.55E-02	0.00E+00	0.00E+00	3.17E-01	-1.35E-05	3.35E-04	1.01E-03	0.00E+00	0.00E+00	4.79E-11	1.69E-09	7.23E-03	6.09E-02	0.00E+00	0.00E+00	4.37E-01	0.00E+00	1.30E+00	0.00E+00	1.16E-08	3.97E-09	2.73E-04	0.00E+00	7.11E-02	0.00E+00	1.30E+00	-2.03E-07	1.30E+00	1.37E+00	7.11E-02	0.00E+00	0.00E+00	0.00E+00	1.26E+01
47633522	-4.38E-03	-1.49E-01	-4.52E-03	-1.41E-01	0.00E+00	0.00E+00	-1.40E+00	-3.12E-04	-1.67E-04	-2.16E-03	0.00E+00	-4.65E-10	-6.42E-10	-3.49E-08	-1.64E+00	-1.05E+00	0.00E+00	0.00E+00	-8.62E-01	0.00E+00	-4.53E+00	0.00E+00	-4.34E-09	-1.07E-08	-7.52E-04	-2.09E-10	-2.00E-01	0.00E+00	-4.53E+00	-9.72E-06	-4.53E+00	-4.76E+00	-2.00E-01	0.00E+00	0.00E+00	0.00E+00	-3.27E+01
47633525	-6.65E-03	-1.51E-01	-4.64E-03	-1.46E-01	0.00E+00	0.00E+00	-1.72E+00	-3.90E-04	-2.58E-04	-3.18E-03	0.00E+00	-1.00E-15	-7.52E-10	-4.58E-08	-1.65E+00	-1.09E+00	0.00E+00	0.00E+00	-1.08E+00	-1.00E-15	-4.49E+00	0.00E+00	-5.39E-09	-1.30E-08	-1.03E-03	0.00E+00	-2.48E-01	0.00E+00	-4.49E+00	-1.48E-05	-4.49E+00	-4.74E+00	-2.48E-01	0.00E+00	0.00E+00	0.00E+00	-4.52E+01
47636084	-3.46E-03	-5.51E-02	-4.81E-05	-5.36E-02	0.00E+00	0.00E+00	-5.80E-01	-2.72E-04	-5.80E-06	-1.95E-03	0.00E+00	-1.32E-05	-5.01E-10	-3.27E-08	-4.82E-02	-1.90E+00	0.00E+00	0.00E+00	-5.94E-01	-4.73E-03	-2.58E-01	0.00E+00	4.05E-10	-6.68E-09	-5.27E-04	-3.06E-06	-2.90E-01	0.00E+00	-2.58E-01	-1.09E-05	-2.58E-01	-5.57E-01	-2.90E-01	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
47636086	-3.84E-03	-5.24E-02	-5.11E-05	-5.30E-02	0.00E+00	0.00E+00	-6.57E-01	-3.13E-04	-4.55E-06	-2.01E-03	0.00E+00	-1.33E-05	-4.85E-10	-3.82E-08	-4.69E-03	-2.22E+00	0.00E+00	0.00E+00	-6.14E-01	-4.77E-03	-2.13E-01	0.00E+00	5.11E-10	-6.89E-09	-5.57E-04	-3.10E-06	-2.89E-01	0.00E+00	-2.13E-01	-1.09E-05	-2.13E-01	-5.36E-01	-2.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
47636089	-3.00E-03	-9.77E-02	-9.05E-04	-9.68E-02	0.00E+00	0.00E+00	-8.22E-01	-3.00E-04	-7.56E-05	-2.15E-03	0.00E+00	0.00E+00	-7.95E-10	-3.37E-08	-3.68E-02	-2.34E+00	0.00E+00	0.00E+00	-8.18E-01	0.00E+00	-7.86E-01	0.00E+00	-3.16E-09	-1.02E-08	-7.03E-04	0.00E+00	-3.79E-01	0.00E+00	-7.86E-01	-9.05E-06	-7.86E-01	-1.17E+00	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	-3.48E+01
47637003	-3.40E-03	-5.30E-02	-2.34E-05	-4.51E-02	0.00E+00	0.00E+00	-5.22E-01	-2.56E-04	1.91E-05	-1.82E-03	0.00E+00	-2.27E-06	-4.66E-10	-3.11E-08	-4.04E-02	-1.96E+00	0.00E+00	0.00E+00	-5.16E-01	-8.11E-04	-1.45E-01	0.00E+00	1.48E-10	-6.34E-09	-5.07E-04	-5.25E-07	-2.81E-01	0.00E+00	-1.45E-01	-1.05E-05	-1.45E-01	-4.61E-01	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.50E+01
47637006	-3.40E-03	-5.30E-02	-2.34E-05	-4.51E-02	0.00E+00	0.00E+00	-5.22E-01	-2.56E-04	1.91E-05	-1.82E-03	0.00E+00	-2.27E-06	-4.66E-10	-3.11E-08	-4.04E-02	-1.96E+00	0.00E+00	0.00E+00	-5.16E-01	-8.11E-04	-1.45E-01	0.00E+00	1.48E-10	-6.34E-09	-5.07E-04	-5.25E-07	-2.81E-01	0.00E+00	-1.45E-01	-1.05E-05	-1.45E-01	-4.61E-01	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.50E+01
47637009	-3.04E-03	-4.42E-02	2.23E-04	-4.03E-02	0.00E+00	0.00E+00	-5.04E-01	-2.51E-04	2.83E-05	-1.72E-03	0.00E+00	0.00E+00	-4.42E-10	-3.10E-08	-1.37E-04	-1.80E+00	0.00E+00	0.00E+00	-5.04E-01	0.00E+00	-7.10E-02	0.00E+00	1.85E-10	-5.89E-09	-5.04E-04	-2.12E-10	-2.59E-01	0.00E+00	-7.10E-02	-1.04E-05	-7.10E-02	-3.85E-01	-2.59E-01	0.00E+00	0.00E+00	0.00E+00	-2.34E+01
47638982	-2.96E-03	-4.71E-02	-7.58E-06	-3.08E-02	0.00E+00	0.00E+00	-5.44E-01	-2.68E-04	1.63E-05	-1.79E-03	0.00E+00	0.00E+00	-4.46E-10	-3.03E-08	5.94E-04	-1.39E+00	0.00E+00	0.00E+00	-4.67E-01	0.00E+00	-1.61E-01	0.00E+00	3.26E-10	-6.32E-09	-5.42E-04	-2.12E-10	-2.16E-01	0.00E+00	-1.61E-01	-1.07E-05	-1.61E-01	-4.08E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.54E+01
47638989	-1.51E-03	-8.37E-02	-4.95E-04	-8.32E-02	0.00E+00	0.00E+00	-4.26E-01	-1.54E-04	6.78E-05	-1.42E-03	0.00E+00	0.00E+00	-6.04E-10	-1.58E-08	-1.03E-03	-2.01E+00	0.00E+00	0.00E+00	-5.19E-01	0.00E+00	-6.09E-01	0.00E+00	-2.65E-09	-7.48E-09	-4.80E-04	0.00E+00	-3.16E-01	0.00E+00	-6.09E-01	-8.25E-06	-6.09E-01	-9.25E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.17E+01
47693502	-6.50E-03	-1.31E-01	-4.36E-03	-1.52E-01	0.00E+00	0.00E+00	-1.90E+00	-5.89E-04	-1.54E-04	-4.08E-03	0.00E+00	0.00E+00	-9.18E-10	-6.09E-08	-1.74E+00	-1.89E+00	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-4.04E+00	0.00E+00	-3.96E-09	-1.60E-08	-1.24E-03	-2.12E-10	-3.12E-01	0.00E+00	-4.04E+00	-2.22E-05	-4.04E+00	-4.41E+00	-3.12E-01	0.00E+00	0.00E+00	0.00E+00	-5.41E+01
47703522	-1.04E-02	-2.60E-01	-8.83E-03	-2.61E-01	0.00E+00	0.00E+00	-3.22E+00	-7.62E-04	-4.94E-04	-6.30E-03	0.00E+00	0.00E+00	-1.42E-09	-9.17E-08	-3.15E+00	-1.82E+00	0.00E+00	0.00E+00	-1.91E+00	0.00E+00	-8.20E+00	0.00E+00	-9.24E-09	-2.51E-08	-1.99E-03	-2.12E-10	-4.39E-01	0.00E+00	-8.20E+00	-3.01E-05	-8.20E+00	-8.97E+00	-4.39E-01	0.00E+00	0.00E+00	0.00E+00	-9.07E+01
47703525	-1.18E-03	1.30E-01	3.17E-03	1.27E-01	0.00E+00	0.00E+00	-2.37E-02	-2.02E-04	4.10E-04	3.66E-04	0.00E+00	0.00E+00	-4.21E-10	-1.92E-08	1.15E-02	-8.97E-01	0.00E+00	0.00E+00	-1.94E-01	0.00E+00	1.83E+00	0.00E+00	1.82E-08	1.16E-09	8.73E-05	0.00E+00	-8.43E-02	0.00E+00	1.83E+00	-1.22E-05	1.83E+00	1.74E+00	-8.43E-02	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
47703532	-1.10E-02	-2.58E-01	-8.49E-03	-2.58E-01	0.00E+00	0.00E+00	-3.21E+00	-7.43E-04	-4.81E-04	-6.38E-03	0.00E+00	0.00E+00	-1.42E-09	-8.84E-08	-2.66E+00	-1.98E+00	0.00E+00	0.00E+00	-2.02E+00	0.00E+00	-8.18E+00	0.00E+00	-8.55E-09	-2.50E-08	-1.98E-03	-2.12E-10	-4.11E-01	0.00E+00	-8.18E+00	-3.43E-05	-8.18E+00	-9.04E+00	-4.11E-01	0.00E+00	0.00E+00	0.00E+00	-9.39E+01
47703535	-1.09E-02	-2.63E-01	-8.41E-03	-2.48E-01	0.00E+00	0.00E+00	-3.20E+00	-7.98E-04	-4.78E-04	-6.36E-03	0.00E+00	0.00E+00	-1.41E-09	-9.21E-08	-2.61E+00	-2.02E+00	0.00E+00	0.00E+00	-2.03E+00	0.00E+00	-8.08E+00	0.00E+00	-8.84E-09	-2.50E-08	-2.00E-03	-2.12E-10	-4.14E-01	0.00E+00	-8.08E+00	-3.41E-05	-8.08E+00	-8.70E+00	-4.14E-01	0.00E+00	0.00E+00	0.00E+00	-9.38E+01
47703545	-1.03E-02	-2.71E-01	-7.17E-03	-2.62E-01	0.00E+00	0.00E+00	-3.17E+00	-7.51E-04	-5.12E-04	-6.20E-03	0.00E+00	-4.65E-10	-9.33E-10	-8.38E-08	-3.00E+00	-2.48E+00	0.00E+00	0.00E+00	-1.35E+00	0.00E+00	-8.14E+00	0.00E+00	-8.98E-09	-2.37E-08	-1.71E-03	-2.09E-10	-4.28E-01	0.00E+00	-8.14E+00	-2.89E-05	-8.14E+00	-8.55E+00	-4.28E-01	0.00E+00	0.00E+00	0.00E+00	-7.26E+01
47703552	-9.84E-03	-2.70E-01	-7.11E-03	-2.60E-01	0.00E+00	0.00E+00	-3.11E+00	-7.27E-04	-5.09E-04	-6.17E-03	0.00E+00	-4.65E-10	-9.35E-10	-8.86E-08	-2.95E+00	-2.08E+00	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-8.06E+00	0.00E+00	-8.52E-09	-2.33E-08	-1.68E-03	-2.09E-10	-4.28E-01	0.00E+00	-8.06E+00	-2.94E-05	-8.06E+00	-8.32E+00	-4.28E-01	0.00E+00	0.00E+00	0.00E+00	-7.07E+01
47703555	-9.74E-03	-2.29E-01	-7.17E-03	-2.22E-01	0.00E+00	0.00E+00	-2.52E+00	-4.90E-04	-5.12E-04	-6.06E-03	0.00E+00	-4.65E-10	-8.72E-10	-7.95E-08	-3.11E+00	-2.07E+00	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-7.81E+00	0.00E+00	-6.50E-09	-2.36E-08	-1.49E-03	-2.09E-10	-3.76E-01	0.00E+00	-7.81E+00	-2.85E-05	-7.81E+00	-8.25E+00	-3.76E-01	0.00E+00	0.00E+00	0.00E+00	-5.09E+01
47703562	-1.00E-02	-2.74E-01	-7.63E-03	-2.66E-01	0.00E+00	0.00E+00	-3.17E+00	-7.24E-04	-5.01E-04	-6.13E-03	0.00E+00	-4.65E-10	-1.13E-09	-8.88E-08	-2.77E+00	-2.18E+00	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-7.88E+00	0.00E+00	-9.07E-09	-2.40E-08	-1.65E-03	-2.09E-10	-4.17E-01	0.00E+00	-7.88E+00	-2.93E-05	-7.88E+00	-8.16E+00	-4.17E-01	0.00E+00	0.00E+00	0.00E+00	-7.04E+01
47703565	-1.02E-02	-2.76E-01	-7.73E-03	-2.76E-01	0.00E+00	0.00E+00	-2.98E+00	-6.90E-04	-5.05E-04	-6.19E-03	0.00E+00	-4.65E-10	-1.17E-09	-8.48E-08	-3.14E+00	-1.51E+00	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-8.10E+00	0.00E+00	-8.26E-09	-2.43E-08	-1.57E-03	-2.09E-10	-3.21E-01	0.00E+00	-8.10E+00	-2.83E-05	-8.10E+00	-8.48E+00	-3.21E-01	0.00E+00	0.00E+00	0.00E+00	-6.12E+01
47721606	-7.98E-03	-1.75E-01	-1.85E-03	-1.73E-01	0.00E+00	0.00E+00	-1.39E+00	-4.98E-04	-2.79E-04	-3.52E-03	0.00E+00	0.00E+00	-1.11E-09	-5.80E-08	-2.35E-03	-6.10E+00	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-1.10E+00	0.00E+00	-5.71E-09	-1.66E-08	-1.10E-03	0.00E+00	-9.52E-01	0.00E+00	-1.10E+00	-1.52E-05	-1.10E+00	-2.06E+00	-9.52E-01	0.00E+00	0.00E+00	0.00E+00	-5.54E+01
47721909	-7.98E-03	-1.75E-01	-1.85E-03	-1.73E-01	0.00E+00	0.00E+00	-1.39E+00	-4.98E-04	-2.79E-04	-3.52E-03	0.00E+00	0.00E+00	-1.11E-09	-5.80E-08	-2.35E-03	-6.13E+00	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-1.10E+00	0.00E+00	-5.72E-09	-1.66E-08	-1.10E-03	0.00E+00	-9.56E-01	0.00E+00	-1.10E+00	-1.52E-05	-1.10E+00	-2.06E+00	-9.56E-01	0.00E+00	0.00E+00	0.00E+00	-5.54E+01
47726084	-7.19E-03	-1.63E-01	-1.43E-03	-1.56E-01	0.00E+00	0.00E+00	-1.21E+00	-5.38E-04	-2.32E-04	-3.01E-03	0.00E+00	0.00E+00	-1.04E-09	-5.73E-08	-1.72E-03	-5.83E+00	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-8.96E-01	0.00E+00	-2.93E-09	-1.39E-08	-1.03E-03	-2.12E-10	-8.45E-01	0.00E+00	-8.96E-01	-1.43E-05	-8.96E-01	-1.71E+00	-8.45E-01	0.00E+00	0.00E+00	0.00E+00	-5.04E+01
47726086	-7.99E-03	-1.80E-01	-1.86E-03	-1.78E-01	0.00E+00	0.00E+00	-1.39E+00	-4.98E-04	-2.80E-04	-3.53E-03	0.00E+00	0.00E+00	-1.11E-09	-5.81E-08	-2.38E-03	-6.44E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-1.11E+00	0.00E+00	-5.78E-09	-1.68E-08	-1.10E-03	0.00E+00	-1.00E+00	0.00E+00	-1.11E+00	-1.52E-05	-1.11E+00	-2.11E+00	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.55E+01
47726096	-7.99E-03	-1.82E-01	-1.86E-03	-1.80E-01	0.00E+00	0.00E+00	-1.39E+00	-4.98E-04	-2.81E-04	-3.54E-03	0.00E+00	0.00E+00	-1.11E-09	-5.81E-08	-2.39E-03	-6.58E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-1.12E+00	0.00E+00	-5.81E-09	-1.68E-08	-1.11E-03	0.00E+00	-1.02E+00	0.00E+00	-1.12E+00	-1.52E-05	-1.12E+00	-2.14E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-5.56E+01
47726099	-7.99E-03	-1.82E-01	-1.86E-03	-1.80E-01	0.00E+00	0.00E+00	-1.39E+00	-4.98E-04	-2.81E-04	-3.54E-03	0.00E+00	0.00E+00	-1.11E-09	-5.81E-08	-2.39E-03	-6.58E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-1.12E+00	0.00E+00	-5.81E-09	-1.68E-08	-1.11E-03	0.00E+00	-1.02E+00	0.00E+00	-1.12E+00	-1.52E-05	-1.12E+00	-2.14E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-5.56E+01
47728989	-7.98E-03	-1.75E-01	-1.85E-03	-1.73E-01	0.00E+00	0.00E+00	-1.39E+00	-4.98E-04	-2.79E-04	-3.52E-03	0.00E+00	0.00E+00	-1.11E-09	-5.80E-08	-2.35E-03	-6.13E+00	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-1.10E+00	0.00E+00	-5.72E-09	-1.66E-08	-1.10E-03	0.00E+00	-9.56E-01	0.00E+00	-1.10E+00	-1.52E-05	-1.10E+00	-2.06E+00	-9.56E-01	0.00E+00	0.00E+00	0.00E+00	-5.54E+01
47733512	-1.10E-02	-2.96E-01	-9.46E-03	-3.15E-01	0.00E+00	0.00E+00	-3.62E+00	-5.56E-04	-5.03E-04	-6.29E-03	0.00E+00	0.00E+00	-1.82E-09	-5.84E-08	-4.09E+00	-4.45E+00	0.00E+00	0.00E+00	-2.23E+00	0.00E+00	-9.29E+00	0.00E+00	-4.67E-09	-2.75E-08	-2.51E-03	-2.12E-10	-7.59E-01	0.00E+00	-9.29E+00	-3.29E-05	-9.29E+00	-9.32E+00	-7.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
47733515	-1.10E-02	2.21E-02	3.31E-04	2.18E-02	0.00E+00	0.00E+00	-2.53E+00	-1.13E-03	-3.54E-04	-5.09E-03	0.00E+00	0.00E+00	-1.86E-09	-1.31E-07	1.27E-02	-2.43E+00	0.00E+00	0.00E+00	-2.34E+00	0.00E+00	1.31E+00	0.00E+00	1.80E-08	-1.79E-08	-1.50E-03	0.00E+00	-3.95E-01	0.00E+00	1.31E+00	-4.28E-05	1.31E+00	9.16E-01	-3.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
47733522	-1.24E-02	-1.88E-01	-1.06E-02	-3.46E-01	0.00E+00	0.00E+00	-3.23E+00	-5.76E-04	-5.21E-04	-6.76E-03	0.00E+00	0.00E+00	-1.81E-09	-6.33E-08	-4.09E+00	-3.11E+00	0.00E+00	0.00E+00	-2.09E+00	0.00E+00	-1.05E+01	0.00E+00	-5.59E-09	-2.82E-08	-2.27E-03	-2.12E-10	-5.99E-01	0.00E+00	-1.05E+01	-3.98E-05	-1.05E+01	-1.08E+01	-5.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
47733525	6.26E-04	-1.60E-01	-4.09E-03	-1.56E-01	0.00E+00	0.00E+00	-1.00E+00	-5.27E-06	6.57E-04	-9.00E-04	0.00E+00	-2.00E-15	2.52E-10	8.47E-09	-4.60E+00	3.34E-02	0.00E+00	0.00E+00	9.57E-01	-3.00E-15	-9.58E+00	0.00E+00	2.98E-09	-3.78E-09	-4.87E-04	0.00E+00	1.05E-02	0.00E+00	-9.58E+00	3.48E-07	-9.58E+00	-9.57E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	3.75E+01
47741606	-7.99E-03	-1.84E-01	-1.87E-03	-1.82E-01	0.00E+00	0.00E+00	-1.39E+00	-4.98E-04	-2.81E-04	-3.55E-03	0.00E+00	0.00E+00	-1.11E-09	-5.81E-08	-2.41E-03	-6.72E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-1.12E+00	0.00E+00	-5.84E-09	-1.69E-08	-1.11E-03	0.00E+00	-1.04E+00	0.00E+00	-1.12E+00	-1.52E-05	-1.12E+00	-2.16E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-5.56E+01
47741909	-7.99E-03	-1.84E-01	-1.87E-03	-1.82E-01	0.00E+00	0.00E+00	-1.39E+00	-4.98E-04	-2.81E-04	-3.55E-03	0.00E+00	0.00E+00	-1.11E-09	-5.81E-08	-2.41E-03	-6.72E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-1.12E+00	0.00E+00	-5.84E-09	-1.69E-08	-1.11E-03	0.00E+00	-1.04E+00	0.00E+00	-1.12E+00	-1.52E-05	-1.12E+00	-2.16E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-5.56E+01
47746086	-4.76E-03	-3.30E-02	-5.07E-04	-3.25E-02	0.00E+00	0.00E+00	-1.17E+00	-4.97E-04	-2.00E-04	-2.60E-03	0.00E+00	0.00E+00	-1.06E-09	-5.74E-08	1.30E-03	-7.87E-01	0.00E+00	0.00E+00	-9.91E-01	0.00E+00	4.81E-02	0.00E+00	3.37E-09	-9.84E-09	-8.27E-04	0.00E+00	-1.40E-01	0.00E+00	4.81E-02	-1.47E-05	4.81E-02	-9.22E-02	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-4.37E+01
47746089	-4.24E-03	1.00E-01	1.81E-03	9.82E-02	0.00E+00	0.00E+00	-5.76E-01	-4.78E-04	-9.64E-05	-1.39E-03	0.00E+00	0.00E+00	-5.00E-10	-5.48E-08	4.86E-03	-4.28E-01	0.00E+00	0.00E+00	-3.50E-01	0.00E+00	1.20E+00	0.00E+00	1.08E-08	-3.01E-09	-3.97E-04	0.00E+00	-2.24E-02	0.00E+00	1.20E+00	-1.36E-05	1.20E+00	1.18E+00	-2.24E-02	0.00E+00	0.00E+00	0.00E+00	-1.90E+01
47746096	-8.00E-03	-1.90E-01	-1.88E-03	-1.88E-01	0.00E+00	0.00E+00	-1.40E+00	-4.98E-04	-2.82E-04	-3.56E-03	0.00E+00	0.00E+00	-1.11E-09	-5.81E-08	-2.44E-03	-7.11E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-1.13E+00	0.00E+00	-5.92E-09	-1.71E-08	-1.11E-03	0.00E+00	-1.10E+00	0.00E+00	-1.13E+00	-1.52E-05	-1.13E+00	-2.23E+00	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-5.57E+01
47746099	-8.00E-03	-1.91E-01	-1.88E-03	-1.89E-01	0.00E+00	0.00E+00	-1.40E+00	-4.98E-04	-2.83E-04	-3.56E-03	0.00E+00	0.00E+00	-1.11E-09	-5.81E-08	-2.45E-03	-7.16E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-1.13E+00	0.00E+00	-5.93E-09	-1.72E-08	-1.11E-03	0.00E+00	-1.11E+00	0.00E+00	-1.13E+00	-1.52E-05	-1.13E+00	-2.24E+00	-1.11E+00	0.00E+00	0.00E+00	0.00E+00	-5.57E+01
47748982	-7.99E-03	-1.84E-01	-1.87E-03	-1.82E-01	0.00E+00	0.00E+00	-1.39E+00	-4.98E-04	-2.81E-04	-3.55E-03	0.00E+00	0.00E+00	-1.11E-09	-5.81E-08	-2.41E-03	-6.73E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-1.12E+00	0.00E+00	-5.84E-09	-1.69E-08	-1.11E-03	0.00E+00	-1.04E+00	0.00E+00	-1.12E+00	-1.52E-05	-1.12E+00	-2.16E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-5.56E+01
47748989	-7.99E-03	-1.84E-01	-1.87E-03	-1.82E-01	0.00E+00	0.00E+00	-1.39E+00	-4.98E-04	-2.81E-04	-3.55E-03	0.00E+00	0.00E+00	-1.11E-09	-5.81E-08	-2.41E-03	-6.72E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-1.12E+00	0.00E+00	-5.84E-09	-1.69E-08	-1.11E-03	0.00E+00	-1.04E+00	0.00E+00	-1.12E+00	-1.52E-05	-1.12E+00	-2.16E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-5.56E+01
47753522	-8.77E-03	-2.74E-01	-8.83E-03	-2.65E-01	0.00E+00	0.00E+00	-3.36E+00	-7.96E-04	-5.05E-04	-6.25E-03	0.00E+00	-1.00E-15	-1.37E-09	-9.34E-08	-3.13E+00	-1.93E+00	0.00E+00	0.00E+00	-2.09E+00	-2.00E-15	-8.42E+00	0.00E+00	-9.84E-09	-2.46E-08	-1.98E-03	0.00E+00	-4.50E-01	0.00E+00	-8.42E+00	-3.03E-05	-8.42E+00	-8.87E+00	-4.50E-01	0.00E+00	0.00E+00	0.00E+00	-8.76E+01
47753525	8.39E-05	-1.29E-01	-3.52E-03	-1.25E-01	0.00E+00	0.00E+00	-9.16E-01	-2.86E-05	4.06E-04	-9.17E-04	0.00E+00	-1.00E-15	1.15E-10	2.37E-09	-3.22E+00	-2.39E-02	0.00E+00	0.00E+00	4.97E-01	-2.00E-15	-6.93E+00	0.00E+00	3.34E-10	-3.89E-09	-4.24E-04	0.00E+00	-1.68E-02	0.00E+00	-6.93E+00	-7.05E-07	-6.93E+00	-6.94E+00	-1.68E-02	0.00E+00	0.00E+00	0.00E+00	1.97E+01
47753532	-9.82E-03	-2.75E-01	-7.08E-03	-2.64E-01	0.00E+00	0.00E+00	-3.26E+00	-7.69E-04	-5.05E-04	-6.22E-03	0.00E+00	-4.65E-10	-8.78E-10	-8.87E-08	-3.00E+00	-2.43E+00	0.00E+00	0.00E+00	-1.20E+00	0.00E+00	-8.19E+00	0.00E+00	-9.52E-09	-2.29E-08	-1.86E-03	-2.09E-10	-4.60E-01	0.00E+00	-8.19E+00	-2.96E-05	-8.19E+00	-8.62E+00	-4.60E-01	0.00E+00	0.00E+00	0.00E+00	-8.25E+01
47753535	-1.33E-02	-2.86E-01	-8.93E-03	-2.77E-01	0.00E+00	0.00E+00	-3.37E+00	-7.85E-04	-5.03E-04	-6.22E-03	0.00E+00	-1.00E-15	-1.36E-09	-9.22E-08	-3.20E+00	-2.54E+00	0.00E+00	0.00E+00	-2.07E+00	-2.00E-15	-8.58E+00	0.00E+00	-9.98E-09	-2.48E-08	-1.98E-03	0.00E+00	-5.40E-01	0.00E+00	-8.58E+00	-2.94E-05	-8.58E+00	-9.12E+00	-5.40E-01	0.00E+00	0.00E+00	0.00E+00	-8.69E+01
47753542	-9.89E-03	-2.69E-01	-7.10E-03	-2.60E-01	0.00E+00	0.00E+00	-3.14E+00	-7.38E-04	-5.08E-04	-6.16E-03	0.00E+00	-4.65E-10	-9.32E-10	-8.90E-08	-3.12E+00	-2.10E+00	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-8.18E+00	0.00E+00	-9.06E-09	-2.30E-08	-1.68E-03	-2.09E-10	-4.27E-01	0.00E+00	-8.18E+00	-2.94E-05	-8.18E+00	-8.71E+00	-4.27E-01	0.00E+00	0.00E+00	0.00E+00	-7.47E+01
47753545	-1.31E-02	-2.63E-01	-8.18E-03	-2.55E-01	0.00E+00	0.00E+00	-3.31E+00	-7.85E-04	-4.86E-04	-6.02E-03	0.00E+00	-1.00E-15	-1.08E-09	-9.18E-08	-3.21E+00	-2.13E+00	0.00E+00	0.00E+00	-1.62E+00	-2.00E-15	-8.42E+00	0.00E+00	-9.14E-09	-2.33E-08	-1.92E-03	0.00E+00	-4.41E-01	0.00E+00	-8.42E+00	-2.89E-05	-8.42E+00	-8.86E+00	-4.41E-01	0.00E+00	0.00E+00	0.00E+00	-6.78E+01
47753552	-1.22E-02	-2.57E-01	-9.22E-03	-2.56E-01	0.00E+00	0.00E+00	-3.19E+00	-7.50E-04	-4.76E-04	-6.42E-03	0.00E+00	0.00E+00	-1.43E-09	-9.12E-08	-3.26E+00	-2.47E+00	0.00E+00	0.00E+00	-2.08E+00	0.00E+00	-9.20E+00	0.00E+00	-8.27E-09	-2.60E-08	-1.98E-03	-2.12E-10	-4.67E-01	0.00E+00	-9.20E+00	-4.00E-05	-9.20E+00	-9.90E+00	-4.67E-01	0.00E+00	0.00E+00	0.00E+00	-9.78E+01
47753555	-1.23E-02	-2.62E-01	-8.65E-03	-2.49E-01	0.00E+00	0.00E+00	-3.19E+00	-7.96E-04	-4.78E-04	-6.43E-03	0.00E+00	0.00E+00	-1.41E-09	-9.42E-08	-3.02E+00	-2.04E+00	0.00E+00	0.00E+00	-2.08E+00	0.00E+00	-8.99E+00	0.00E+00	-8.71E-09	-2.53E-08	-1.96E-03	-2.12E-10	-4.01E-01	0.00E+00	-8.99E+00	-4.01E-05	-8.99E+00	-9.42E+00	-4.01E-01	0.00E+00	0.00E+00	0.00E+00	-9.52E+01
47753565	-1.13E-02	-2.59E-01	-8.87E-03	-2.25E-01	0.00E+00	0.00E+00	-3.06E+00	-7.06E-04	-4.51E-04	-6.23E-03	0.00E+00	0.00E+00	-1.31E-09	-8.41E-08	-3.16E+00	-1.93E+00	0.00E+00	0.00E+00	-1.91E+00	0.00E+00	-8.16E+00	0.00E+00	-8.73E-09	-2.46E-08	-2.00E-03	-2.12E-10	-3.96E-01	0.00E+00	-8.16E+00	-2.89E-05	-8.16E+00	-8.41E+00	-3.96E-01	0.00E+00	0.00E+00	0.00E+00	-8.90E+01
47761404	-6.54E-03	-1.49E-01	-1.34E-03	-1.53E-01	0.00E+00	0.00E+00	-1.19E+00	-4.71E-04	-2.19E-04	-2.94E-03	0.00E+00	-2.59E-06	-9.75E-10	-5.29E-08	-1.64E-03	-4.47E+00	0.00E+00	0.00E+00	-1.18E+00	-9.26E-04	-7.18E-01	0.00E+00	-1.61E-09	-1.33E-08	-9.92E-04	-5.92E-07	-6.58E-01	0.00E+00	-7.18E-01	-1.34E-05	-7.18E-01	-1.33E+00	-6.58E-01	0.00E+00	0.00E+00	0.00E+00	-4.77E+01
47761606	-8.73E-03	-1.91E-01	-2.00E-03	-1.89E-01	0.00E+00	0.00E+00	-1.52E+00	-5.45E-04	-3.04E-04	-3.84E-03	0.00E+00	0.00E+00	-1.20E-09	-6.35E-08	-2.56E-03	-6.78E+00	0.00E+00	0.00E+00	-1.43E+00	0.00E+00	-1.19E+00	0.00E+00	-6.20E-09	-1.81E-08	-1.20E-03	0.00E+00	-1.06E+00	0.00E+00	-1.19E+00	-1.66E-05	-1.19E+00	-2.25E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-6.03E+01
47761909	-8.73E-03	-1.91E-01	-2.00E-03	-1.89E-01	0.00E+00	0.00E+00	-1.52E+00	-5.45E-04	-3.04E-04	-3.84E-03	0.00E+00	0.00E+00	-1.20E-09	-6.35E-08	-2.56E-03	-6.78E+00	0.00E+00	0.00E+00	-1.43E+00	0.00E+00	-1.19E+00	0.00E+00	-6.20E-09	-1.81E-08	-1.20E-03	0.00E+00	-1.06E+00	0.00E+00	-1.19E+00	-1.66E-05	-1.19E+00	-2.25E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-6.03E+01
47771404	-4.53E-03	-1.06E-02	-5.77E-04	-3.15E-02	0.00E+00	0.00E+00	-7.14E-01	-3.00E-04	-1.01E-04	-2.31E-03	0.00E+00	0.00E+00	-3.06E-10	-2.76E-08	-1.42E-03	-4.66E+00	0.00E+00	0.00E+00	-1.05E+00	0.00E+00	-4.82E-02	0.00E+00	1.86E-09	-8.56E-09	-4.35E-04	-2.12E-10	-6.61E-01	0.00E+00	-4.82E-02	-8.54E-06	-4.82E-02	-6.61E-01	-6.61E-01	0.00E+00	0.00E+00	0.00E+00	-4.39E+01

47771606	-5.61E-03	-4.96E-02	-9.95E-04	-5.67E-02	0.00E+00	0.00E+00	-9.15E-01	-3.82E-04	-1.55E-04	-2.82E-03	0.00E+00	0.00E+00	-6.14E-10	-4.06E-08	-2.35E-03	-5.26E+00	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	-3.60E-01	0.00E+00	1.36E-10	-1.01E-08	-7.51E-04	-2.12E-10	-7.78E-01	0.00E+00	-3.60E-01	-1.17E-05	-3.60E-01	-1.13E+00	-7.78E-01	0.00E+00	0.00E+00	0.00E+00	-4.69E+01
47771909	-6.80E-03	-1.71E-01	-1.55E-03	-1.71E-01	0.00E+00	0.00E+00	-1.21E+00	-4.71E-04	-2.43E-04	-3.11E-03	0.00E+00	0.00E+00	-1.07E-09	-5.28E-08	-1.84E-03	-6.54E+00	0.00E+00	0.00E+00	-1.29E+00	0.00E+00	-1.01E+00	0.00E+00	-2.84E-09	-1.50E-08	-1.08E-03	-2.12E-10	-9.99E-01	0.00E+00	-1.01E+00	-1.34E-05	-1.01E+00	-1.96E+00	-9.99E-01	0.00E+00	0.00E+00	0.00E+00	-4.95E+01
47781404	-6.18E-03	-1.43E-01	-1.21E-03	-1.08E-01	0.00E+00	0.00E+00	-7.21E-01	-3.87E-04	-1.45E-04	-2.60E-03	0.00E+00	-2.59E-06	-8.65E-10	-3.95E-08	-1.11E-03	-4.34E+00	0.00E+00	0.00E+00	-1.21E+00	-9.26E-04	-4.67E-01	0.00E+00	-2.39E-09	-1.22E-08	-6.38E-04	-5.92E-07	-6.45E-01	0.00E+00	-4.67E-01	-8.93E-06	-4.67E-01	-8.66E-01	-6.45E-01	0.00E+00	0.00E+00	0.00E+00	-4.83E+01
47781606	-4.32E-03	-4.46E-03	-4.10E-04	-2.89E-02	0.00E+00	0.00E+00	-7.10E-01	-2.88E-04	-9.15E-05	-2.36E-03	0.00E+00	0.00E+00	-3.22E-10	-2.64E-08	-1.30E-03	-4.74E+00	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	-4.67E-02	0.00E+00	1.76E-09	-8.36E-09	-4.53E-04	-2.12E-10	-6.53E-01	0.00E+00	-4.67E-02	-8.31E-06	-4.67E-02	-7.79E-01	-6.53E-01	0.00E+00	0.00E+00	0.00E+00	-4.29E+01
47781909	-8.71E-03	-1.71E-01	-1.95E-03	-1.69E-01	0.00E+00	0.00E+00	-1.51E+00	-5.45E-04	-3.00E-04	-3.78E-03	0.00E+00	0.00E+00	-1.19E-09	-6.34E-08	-2.43E-03	-5.38E+00	0.00E+00	0.00E+00	-1.42E+00	0.00E+00	-1.16E+00	0.00E+00	-5.91E-09	-1.73E-08	-1.18E-03	0.00E+00	-8.52E-01	0.00E+00	-1.16E+00	-1.66E-05	-1.16E+00	-2.01E+00	-8.52E-01	0.00E+00	0.00E+00	0.00E+00	-5.99E+01
47791909	-7.50E-03	-1.54E-01	-1.49E-03	-1.32E-01	0.00E+00	0.00E+00	-1.21E+00	-4.66E-04	-2.31E-04	-3.07E-03	0.00E+00	0.00E+00	-1.02E-09	-5.24E-08	-2.05E-03	-6.08E+00	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	-7.48E-01	0.00E+00	-3.10E-09	-1.45E-08	-1.00E-03	-2.12E-10	-9.18E-01	0.00E+00	-7.48E-01	-1.35E-05	-7.48E-01	-1.49E+00	-9.18E-01	0.00E+00	0.00E+00	0.00E+00	-5.01E+01
47843512	-1.33E-02	-2.76E-01	-8.90E-03	-2.67E-01	0.00E+00	0.00E+00	-3.36E+00	-7.85E-04	-5.01E-04	-6.19E-03	0.00E+00	-1.00E-15	-1.36E-09	-9.22E-08	-3.19E+00	-1.92E+00	0.00E+00	0.00E+00	-2.06E+00	-2.00E-15	-8.55E+00	0.00E+00	-9.84E-09	-2.45E-08	-1.97E-03	0.00E+00	-4.49E-01	0.00E+00	-8.55E+00	-2.94E-05	-8.55E+00	-9.00E+00	-4.49E-01	0.00E+00	0.00E+00	0.00E+00	-8.67E+01
47843515	-4.88E-03	1.10E-01	3.35E-03	1.07E-01	0.00E+00	0.00E+00	-8.32E-01	-5.73E-04	4.34E-05	-1.47E-03	0.00E+00	0.00E+00	-5.14E-10	-6.42E-08	1.21E-02	-2.98E-01	0.00E+00	0.00E+00	-2.80E-01	0.00E+00	1.94E+00	0.00E+00	1.84E-08	-2.97E-09	-4.27E-04	0.00E+00	2.70E-02	0.00E+00	1.94E+00	-1.59E-05	1.94E+00	1.97E+00	2.70E-02	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
47843532	-1.03E-02	-2.80E-01	-7.07E-03	-2.78E-01	0.00E+00	0.00E+00	-3.12E+00	-7.48E-04	-5.11E-04	-6.26E-03	0.00E+00	-4.65E-10	-1.01E-09	-8.88E-08	-3.14E+00	-1.47E+00	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-8.24E+00	0.00E+00	-9.52E-09	-2.33E-08	-1.68E-03	-2.09E-10	-3.33E-01	0.00E+00	-8.24E+00	-2.88E-05	-8.24E+00	-8.79E+00	-3.33E-01	0.00E+00	0.00E+00	0.00E+00	-7.38E+01
47843535	-1.05E-02	-2.69E-01	-7.34E-03	-2.59E-01	0.00E+00	0.00E+00	-3.10E+00	-7.23E-04	-5.11E-04	-6.16E-03	0.00E+00	-4.65E-10	-9.42E-10	-8.38E-08	-3.12E+00	-2.11E+00	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	-8.21E+00	0.00E+00	-8.90E-09	-2.39E-08	-1.67E-03	-2.09E-10	-4.04E-01	0.00E+00	-8.21E+00	-2.87E-05	-8.21E+00	-8.72E+00	-4.04E-01	0.00E+00	0.00E+00	0.00E+00	-7.13E+01
47843542	-1.02E-02	-2.50E-01	-7.36E-03	-2.50E-01	0.00E+00	0.00E+00	-2.60E+00	-5.44E-04	-4.81E-04	-5.92E-03	0.00E+00	-4.65E-10	-1.12E-09	-7.96E-08	-3.07E+00	-1.40E+00	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-7.91E+00	0.00E+00	-8.80E-09	-2.32E-08	-1.48E-03	-2.09E-10	-3.07E-01	0.00E+00	-7.91E+00	-2.67E-05	-7.91E+00	-8.47E+00	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-5.96E+01
47843545	-1.30E-02	-2.75E-01	-8.24E-03	-2.67E-01	0.00E+00	0.00E+00	-3.30E+00	-7.74E-04	-4.92E-04	-6.09E-03	0.00E+00	-1.00E-15	-1.21E-09	-9.04E-08	-3.16E+00	-2.12E+00	0.00E+00	0.00E+00	-1.70E+00	-2.00E-15	-8.45E+00	0.00E+00	-9.73E-09	-2.42E-08	-1.96E-03	0.00E+00	-4.45E-01	0.00E+00	-8.45E+00	-2.88E-05	-8.45E+00	-8.89E+00	-4.45E-01	0.00E+00	0.00E+00	0.00E+00	-7.08E+01
47851606	-5.20E-03	-3.99E-02	-6.28E-04	-4.80E-02	0.00E+00	0.00E+00	-8.79E-01	-3.75E-04	-1.34E-04	-2.68E-03	0.00E+00	0.00E+00	-6.04E-10	-4.03E-08	-2.19E-03	-4.77E+00	0.00E+00	0.00E+00	-1.04E+00	0.00E+00	-2.65E-01	0.00E+00	4.42E-10	-9.56E-09	-7.45E-04	-2.12E-10	-6.71E-01	0.00E+00	-2.65E-01	-1.16E-05	-2.65E-01	-9.68E-01	-6.71E-01	0.00E+00	0.00E+00	0.00E+00	-4.41E+01
47851909	-5.54E-03	-5.61E-02	-1.07E-03	-7.24E-02	0.00E+00	0.00E+00	-1.00E+00	-3.84E-04	-1.51E-04	-2.86E-03	0.00E+00	0.00E+00	-6.04E-10	-4.16E-08	-2.50E-03	-5.10E+00	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	-4.75E-01	0.00E+00	-1.81E-10	-1.06E-08	-7.60E-04	-2.12E-10	-7.45E-01	0.00E+00	-4.75E-01	-1.19E-05	-4.75E-01	-1.14E+00	-7.45E-01	0.00E+00	0.00E+00	0.00E+00	-4.74E+01
47861949	-3.11E-03	-3.24E-02	4.90E-05	-2.57E-02	0.00E+00	0.00E+00	-5.06E-01	-2.64E-04	3.26E-05	-1.57E-03	0.00E+00	0.00E+00	-4.42E-10	-2.94E-08	7.86E-05	-1.40E+00	0.00E+00	0.00E+00	-6.24E-01	0.00E+00	-1.82E-01	0.00E+00	2.06E-10	-6.27E-09	-4.83E-04	-2.12E-10	-1.84E-01	0.00E+00	-1.82E-01	-1.02E-05	-1.82E-01	-3.42E-01	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
47867109	-3.04E-03	-4.09E-02	3.87E-04	-3.10E-02	0.00E+00	0.00E+00	-4.40E-01	-2.49E-04	3.97E-05	-1.41E-03	0.00E+00	0.00E+00	-4.16E-10	-3.11E-08	5.15E-04	-1.91E+00	0.00E+00	0.00E+00	-4.62E-01	0.00E+00	-1.28E-01	0.00E+00	5.44E-10	-6.22E-09	-4.34E-04	-2.12E-10	-2.73E-01	0.00E+00	-1.28E-01	-1.01E-05	-1.28E-01	-4.47E-01	-2.73E-01	0.00E+00	0.00E+00	0.00E+00	-2.11E+01
47871909	-5.34E-03	-4.96E-02	-9.09E-04	-6.67E-02	0.00E+00	0.00E+00	-9.50E-01	-3.81E-04	-1.34E-04	-2.67E-03	0.00E+00	0.00E+00	-5.83E-10	-4.15E-08	-2.43E-03	-4.30E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-3.71E-01	0.00E+00	-1.06E-10	-1.03E-08	-7.33E-04	-2.12E-10	-6.53E-01	0.00E+00	-3.71E-01	-1.19E-05	-3.71E-01	-9.06E-01	-6.53E-01	0.00E+00	0.00E+00	0.00E+00	-4.56E+01
478816	-2.78E-03	-2.17E-02	8.00E-05	-2.18E-02	0.00E+00	0.00E+00	-5.08E-01	-1.93E-04	4.07E-05	-1.20E-03	0.00E+00	-2.95E-09	-3.08E-10	-2.46E-08	4.07E-04	-2.49E+00	0.00E+00	0.00E+00	-3.16E-01	-1.05E-06	3.08E-02	0.00E+00	5.63E-10	-3.84E-09	-2.29E-04	-2.12E-10	-3.44E-01	0.00E+00	3.08E-02	-7.55E-06	3.08E-02	-1.73E-01	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+01
478819	-3.08E-03	-2.21E-02	9.86E-05	-2.71E-02	0.00E+00	0.00E+00	-5.63E-01	-2.29E-04	2.39E-05	-1.45E-03	0.00E+00	-1.93E-09	-3.58E-10	-2.88E-08	3.00E-04	-2.64E+00	0.00E+00	0.00E+00	-4.31E-01	-6.90E-07	-4.45E-02	0.00E+00	6.46E-10	-4.73E-09	-3.18E-04	-2.12E-10	-3.54E-01	0.00E+00	-4.45E-02	-8.61E-06	-4.45E-02	-2.64E-01	-3.54E-01	0.00E+00	0.00E+00	0.00E+00	-1.74E+01
478826	-3.14E-03	-2.14E-02	7.77E-05	-2.42E-02	0.00E+00	0.00E+00	-5.39E-01	-1.88E-04	4.11E-05	-1.30E-03	0.00E+00	-2.95E-09	-3.31E-10	-2.56E-08	3.77E-04	-2.52E+00	0.00E+00	0.00E+00	-4.05E-01	-1.05E-06	2.81E-02	0.00E+00	7.54E-10	-4.40E-09	-2.45E-04	-2.12E-10	-3.47E-01	0.00E+00	2.81E-02	-7.75E-06	2.81E-02	-1.73E-01	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
478829	-3.09E-03	-2.28E-02	1.12E-04	-2.39E-02	0.00E+00	0.00E+00	-5.06E-01	-1.84E-04	5.30E-05	-1.10E-03	0.00E+00	-2.95E-09	-3.04E-10	-2.46E-08	5.44E-04	-2.52E+00	0.00E+00	0.00E+00	-3.28E-01	-1.05E-06	4.08E-02	0.00E+00	7.92E-10	-4.17E-09	-2.17E-04	-2.12E-10	-3.42E-01	0.00E+00	4.08E-02	-7.20E-06	4.08E-02	-1.73E-01	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+01
478836	-3.05E-03	-2.13E-02	1.33E-04	-2.58E-02	0.00E+00	0.00E+00	-5.48E-01	-2.25E-04	3.78E-05	-1.31E-03	0.00E+00	-1.93E-09	-3.25E-10	-2.80E-08	4.44E-04	-2.64E+00	0.00E+00	0.00E+00	-3.55E-01	-6.90E-07	-3.61E-02	0.00E+00	6.83E-10	-4.56E-09	-2.85E-04	-2.12E-10	-3.50E-01	0.00E+00	-3.61E-02	-8.27E-06	-3.61E-02	-2.64E-01	-3.50E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+01
478869	-3.12E-03	-2.56E-02	3.36E-05	-3.56E-02	0.00E+00	0.00E+00	-5.92E-01	-2.35E-04	-7.60E-06	-1.56E-03	0.00E+00	-2.69E-09	-3.99E-10	-3.03E-08	2.40E-04	-2.89E+00	0.00E+00	0.00E+00	-4.95E-01	-9.62E-07	-7.46E-02	0.00E+00	7.23E-10	-5.10E-09	-3.53E-04	-2.12E-10	-3.86E-01	0.00E+00	-7.46E-02	-9.16E-06	-7.46E-02	-2.95E-01	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-2.03E+01
47893502	-1.04E-02	-1.67E-01	-5.43E-03	-1.51E-01	0.00E+00	0.00E+00	-2.98E+00	-1.01E-03	-2.31E-04	-5.57E-03	0.00E+00	-4.65E-10	-1.43E-09	-1.17E-07	-1.69E+00	-2.18E+00	0.00E+00	0.00E+00	-1.99E+00	0.00E+00	-4.89E+00	0.00E+00	-7.14E-09	-1.97E-08	-1.91E-03	-2.09E-10	-3.43E-01	0.00E+00	-4.89E+00	-3.62E-05	-4.89E+00	-5.00E+00	-3.43E-01	0.00E+00	0.00E+00	0.00E+00	-8.75E+01
47893505	-2.31E-03	-7.47E-02	-1.63E-03	-7.30E-02	0.00E+00	0.00E+00	-1.03E+00	-2.84E-04	3.23E-04	-1.85E-03	0.00E+00	-1.00E-15	-3.00E-10	-2.73E-08	-1.66E+00	-1.89E-01	0.00E+00	0.00E+00	-1.72E-01	-1.00E-15	-3.61E+00	0.00E+00	1.02E-09	-6.29E-09	-6.08E-04	0.00E+00	-4.26E-02	0.00E+00	-3.61E+00	-8.07E-06	-3.61E+00	-3.65E+00	-4.26E-02	0.00E+00	0.00E+00	0.00E+00	-8.83E+00
47893522	-9.15E-03	-2.86E-01	-8.12E-03	-2.77E-01	0.00E+00	0.00E+00	-3.09E+00	-8.84E-04	-5.37E-04	-6.36E-03	0.00E+00	-4.65E-10	-1.39E-09	-1.03E-07	-2.43E+00	-2.05E+00	0.00E+00	0.00E+00	-1.87E+00	0.00E+00	-3.28E+00	0.00E+00	-9.71E-09	-2.19E-08	-1.76E-03	-2.09E-10	-4.00E-01	0.00E+00	-3.28E+00	-3.15E-05	-3.28E+00	-4.59E+00	-4.00E-01	0.00E+00	0.00E+00	0.00E+00	-8.44E+01
47893525	-1.33E-02	5.74E-02	8.90E-04	5.65E-02	0.00E+00	0.00E+00	-2.97E+00	-1.42E-03	-1.22E-04	-6.28E-03	0.00E+00	0.00E+00	-1.95E-09	-1.63E-07	1.02E-02	-1.59E+00	0.00E+00	0.00E+00	-2.45E+00	0.00E+00	1.11E+00	0.00E+00	1.52E-08	-2.05E-08	-1.81E-03	0.00E+00	-2.64E-01	0.00E+00	1.11E+00	-5.12E-05	1.11E+00	8.41E-01	-2.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
47911404	-4.58E-03	-7.21E-03	-6.68E-04	-4.11E-02	0.00E+00	0.00E+00	-7.48E-01	-2.94E-04	-9.77E-05	-2.39E-03	0.00E+00	-2.59E-06	-3.13E-10	-2.91E-08	-1.54E-03	-4.08E+00	0.00E+00	0.00E+00	-1.12E+00	-9.26E-04	-1.46E-01	0.00E+00	1.42E-09	-8.89E-09	-4.38E-04	-5.92E-07	-5.41E-01	0.00E+00	-1.46E-01	-8.66E-06	-1.46E-01	-7.18E-01	-5.41E-01	0.00E+00	0.00E+00	0.00E+00	-4.49E+01
47911606	-6.48E-03	-1.63E-01	-1.01E-03	-1.48E-01	0.00E+00	0.00E+00	-1.14E+00	-4.70E-04	-2.40E-04	-2.99E-03	0.00E+00	0.00E+00	-1.08E-09	-5.24E-08	-1.34E-03	-6.37E+00	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-9.59E-01	0.00E+00	-2.36E-09	-1.34E-08	-9.94E-04	-2.12E-10	-9.60E-01	0.00E+00	-9.59E-01	-1.35E-05	-9.59E-01	-1.93E+00	-9.60E-01	0.00E+00	0.00E+00	0.00E+00	-4.71E+01
47911616	-5.61E-03	-4.66E-02	-9.92E-04	-5.43E-02	0.00E+00	0.00E+00	-9.09E-01	-3.87E-04	-1.56E-04	-2.88E-03	0.00E+00	0.00E+00	-6.06E-10	-4.11E-08	-2.36E-03	-5.52E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-3.60E-01	0.00E+00	1.67E-10	-9.98E-09	-7.49E-04	-2.12E-10	-8.44E-01	0.00E+00	-3.60E-01	-1.17E-05	-3.60E-01	-1.18E+00	-8.44E-01	0.00E+00	0.00E+00	0.00E+00	-4.77E+01
47911909	-6.46E-03	-1.63E-01	-9.92E-04	-1.46E-01	0.00E+00	0.00E+00	-1.14E+00	-4.74E-04	-2.37E-04	-2.99E-03	0.00E+00	0.00E+00	-1.07E-09	-5.24E-08	-1.17E-03	-6.41E+00	0.00E+00	0.00E+00	-1.23E+00	0.00E+00	-9.54E-01	0.00E+00	-2.32E-09	-1.34E-08	-1.02E-03	-2.12E-10	-9.63E-01	0.00E+00	-9.54E-01	-1.35E-05	-9.54E-01	-1.90E+00	-9.63E-01	0.00E+00	0.00E+00	0.00E+00	-4.74E+01
47911919	-8.00E-03	-1.85E-01	-1.88E-03	-1.83E-01	0.00E+00	0.00E+00	-1.40E+00	-4.98E-04	-2.82E-04	-3.55E-03	0.00E+00	0.00E+00	-1.11E-09	-5.81E-08	-2.42E-03	-6.73E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-1.13E+00	0.00E+00	-5.87E-09	-1.70E-08	-1.11E-03	0.00E+00	-1.05E+00	0.00E+00	-1.13E+00	-1.52E-05	-1.13E+00	-2.17E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-5.58E+01
47921404	-5.56E-03	-5.20E-02	-9.87E-04	-7.32E-02	0.00E+00	0.00E+00	-9.83E-01	-3.96E-04	-1.49E-04	-2.84E-03	0.00E+00	0.00E+00	-5.83E-10	-4.36E-08	-2.43E-03	-5.02E+00	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-4.07E-01	0.00E+00	-1.13E-10	-1.03E-08	-7.30E-04	-2.12E-10	-7.28E-01	0.00E+00	-4.07E-01	-1.22E-05	-4.07E-01	-9.87E-01	-7.28E-01	0.00E+00	0.00E+00	0.00E+00	-4.72E+01
47921606	-5.62E-03	-4.91E-02	-9.94E-04	-5.79E-02	0.00E+00	0.00E+00	-9.21E-01	-3.87E-04	-1.54E-04	-2.82E-03	0.00E+00	0.00E+00	-6.16E-10	-4.13E-08	-2.55E-03	-5.46E+00	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	-3.60E-01	0.00E+00	7.78E-11	-1.01E-08	-7.48E-04	-2.12E-10	-8.23E-01	0.00E+00	-3.60E-01	-1.18E-05	-3.60E-01	-1.14E+00	-8.23E-01	0.00E+00	0.00E+00	0.00E+00	-4.72E+01
47921909	-6.03E-03	-1.68E-01	-9.84E-04	-1.48E-01	0.00E+00	0.00E+00	-1.15E+00	-4.64E-04	-2.38E-04	-3.00E-03	0.00E+00	0.00E+00	-1.06E-09	-5.12E-08	-1.16E-03	-6.43E+00	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-9.54E-01	0.00E+00	-2.52E-09	-1.37E-08	-1.01E-03	-2.12E-10	-9.93E-01	0.00E+00	-9.54E-01	-1.34E-05	-9.54E-01	-1.90E+00	-9.93E-01	0.00E+00	0.00E+00	0.00E+00	-4.56E+01
47931909	-7.98E-03	-1.64E-01	-1.82E-03	-1.62E-01	0.00E+00	0.00E+00	-1.39E+00	-4.98E-04	-2.77E-04	-3.49E-03	0.00E+00	0.00E+00	-1.11E-09	-5.80E-08	-2.29E-03	-5.34E+00	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-1.09E+00	0.00E+00	-5.58E-09	-1.62E-08	-1.10E-03	0.00E+00	-8.41E-01	0.00E+00	-1.09E+00	-1.52E-05	-1.09E+00	-1.93E+00	-8.41E-01	0.00E+00	0.00E+00	0.00E+00	-5.54E+01
47941606	-6.09E-03	-1.49E-01	-1.23E-03	-1.04E-01	0.00E+00	0.00E+00	-7.23E-01	-3.76E-04	-1.60E-04	-2.62E-03	0.00E+00	0.00E+00	-9.17E-10	-3.83E-08	-9.97E-04	-5.63E+00	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-5.84E-01	0.00E+00	-2.58E-09	-1.25E-08	-5.95E-04	-2.12E-10	-8.50E-01	0.00E+00	-5.84E-01	-8.90E-06	-5.84E-01	-1.05E+00	-8.50E-01	0.00E+00	0.00E+00	0.00E+00	-4.81E+01
47941909	-5.34E-03	-4.96E-02	-9.09E-04	-6.67E-02	0.00E+00	0.00E+00	-9.50E-01	-3.81E-04	-1.34E-04	-2.67E-03	0.00E+00	0.00E+00	-5.83E-10	-4.15E-08	-2.43E-03	-4.30E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-3.71E-01	0.00E+00	-1.06E-10	-1.03E-08	-7.33E-04	-2.12E-10	-6.53E-01	0.00E+00	-3.71E-01	-1.19E-05	-3.71E-01	-9.06E-01	-6.53E-01	0.00E+00	0.00E+00	0.00E+00	-4.56E+01
47951909	-1.25E-04	-6.72E-02	-7.70E-05	-6.71E-02	0.00E+00	0.00E+00	-1.13E-01	-1.63E-05	4.19E-05	-2.94E-04	0.00E+00	0.00E+00	-4.45E-10	-8.22E-10	-2.24E-04	-4.61E+00	0.00E+00	0.00E+00	-2.80E-01	0.00E+00	-4.06E-01	0.00E+00	-9.21E-10	-5.54E-09	-1.90E-04	0.00E+00	-6.88E-01	0.00E+00	-4.06E-01	-8.41E-07	-4.06E-01	-1.09E+00	-6.88E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+01
47958982	-1.99E-03	-1.25E-01	-9.71E-04	-1.24E-01	0.00E+00	0.00E+00	-4.29E-01	-1.14E-04	-1.03E-04	-1.27E-03	0.00E+00	0.00E+00	-5.85E-10	-1.32E-08	-1.40E-03	-4.62E+00	0.00E+00	0.00E+00	-5.43E-01	0.00E+00	-7.19E-01	0.00E+00	-3.65E-09	-8.45E-09	-4.54E-04	0.00E+00	-7.07E-01	0.00E+00	-7.19E-01	-4.40E-06	-7.19E-01	-1.43E+00	-7.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.25E+01
47958989	-6.51E-04	5.48E-02	1.65E-03	5.31E-02	0.00E+00	0.00E+00	2.26E-01	-9.66E-05	1.63E-05	1.12E-04	0.00E+00	0.00E+00	-5.01E-11	-1.05E-08	3.64E-03	-1.53E-01	0.00E+00	0.00E+00	2.23E-01	0.00E+00	9.45E-01	0.00E+00	7.53E-09	1.79E-09	4.40E-05	0.00E+00	2.35E-02	0.00E+00	9.45E-01	-3.11E-06	9.45E-01	9.69E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	6.74E+00
48038989	-2.12E-04	-4.05E-02	-2.27E-04	-4.03E-02	0.00E+00	0.00E+00	-7.96E-02	-1.62E-05	-2.19E-05	-2.70E-04	0.00E+00	0.00E+00	-1.27E-10	-1.88E-09	-3.68E-04	-1.88E+00	0.00E+00	0.00E+00	-1.13E-01	0.00E+00	-1.80E-01	0.00E+00	-9.66E-10	-2.22E-09	-9.73E-05	0.00E+00	-2.82E-01	0.00E+00	-1.80E-01	-6.49E-07	-1.80E-01	-4.61E-01	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-4.64E+00
53420212	-4.22E-03	-5.21E-02	-2.19E-04	-5.74E-02	0.00E+00	0.00E+00	-1.11E+00	-4.47E-04	-1.50E-04	-2.43E-03	0.00E+00	-2.16E-07	-6.29E-10	-4.73E-08	6.54E-05	-2.00E+00	0.00E+00	0.00E+00	-6.58E-01	-7.72E-05	-4.99E-01	0.00E+00	3.97E-10	-7.81E-09	-6.93E-04	-5.10E-08	-2.59E-01	0.00E+00	-4.99E-01	-1.32E-05	-4.99E-01	-7.23E-01	-2.59E-01	0.00E+00	0.00E+00	0.00E+00	-3.11E+01
53420216	-8.84E-03	-9.14E-02	-1.81E-03	-8.96E-02	0.00E+00	0.00E+00	-1.48E+00	-5.54E-04	-2.85E-04	-3.62E-03	0.00E+00	0.00E+00	-1.07E-09	-6.49E-08	-2.02E-03	-7.30E-01	0.00E+00	0.00E+00	-1.33E+00	0.00E+00	-9.35E-01	0.00E+00	-4.59E-09	-1.41E-08	-1.11E-03	0.00E+00	-1.65E-01	0.00E+00	-9.35E-01	-2.04E-05	-9.35E-01	-1.10E+00	-1.65E-01	0.00E+00	0.00E+00	0.00E+00	-5.62E+01
53420219	-4.11E-03	-8.96E-03	2.60E-04	-9.22E-03	0.00E+00	0.00E+00	-7.14E-01	-4.26E-04	-9.58E-05	-2.21E-03	0.00E+00	0.00E+00	-4.79E-10	-4.88E-08	7.82E-04	-4.64E-01	0.00E+00	0.00E+00	-5.86E-01	0.00E+00	2.49E-03	0.00E+00	8.81E-10	-6.89E-09	-6.26E-04	0.00E+00	-6.69E-02	0.00E+00	2.49E-03	-1.53E-05	2.49E-03	-6.44E-02	-6.69E-02	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
53420409	-2.06E-03	-1.22E-01	4.86E-04	-1.26E-01	0.00E+00	0.00E+00	-4.80E-01	-2.03E-04	-7.27E-05	-2.14E-03	0.00E+00	-4.58E-10	-3.94E-10	-2.23E-08	-1.51E-01	-1.20E+00	0.00E+00	0.00E+00	-3.70E-01	0.00E+00	-2.97E-01	0.00E+00	-5.30E-10	-1.14E-08	-3.31E-04	-2.02E-10	-2.00E-01	0.00E+00	-2.97E-01	-1.12E-05	-2.97E-01	-4.26E-01	-2.00E-01	0.00E+00	0.00E+00	0.00E+00	-2.11E+01
61419308	-2.59E-03	-1.65E-02	1.43E-04	-1.31E-02	0.00E+00	0.00E+00	-4.13E-01	-1.49E-04	6.80E-05	-9.32E-04	0.00E+00	0.00E+00	-2.22E-10	-1.86E-08	8.81E-04	-6.03E-01	0.00E+00	0.00E+00	-1.54E-01	0.00E+00	-3.82E-02	0.00E+00	6.51E-10	-2.36E-09	-1.93E-04	-2.12E-10	-7.85E-02	0.00E+00	-3.82E-02	-6.01E-06	-3.82E-02	-1.92E-01	-7.85E-02	0.00E+00	0.00E+00	0.00E+00	-7.60E+00
6147431909	-6.89E-03	-8.91E-02	-1.59E-03	-8.75E-02	0.00E+00	0.00E+00	-1.18E+00	-4.26E-04	-2.34E-04	-2.97E-03	0.00E+00	0.00E+00	-9.52E-10	-4.95E-08	-1.89E-03	-8.53E-01	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-8.93E-01	0.00E+00	-4.32E-09	-1.23E-08	-9.34E-04	0.00E+00	-1.76E-01	0.00E+00	-8.93E-01	-1.60E-05	-8.93E-01	-1.07E+00	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-4.70E+01
6147438982	-3.69E-03	-7.79E-03	2.14E-04	-8.01E-03	0.00E+00	0.00E+00	-5.89E-01	-3.71E-04	-1.28E-04	-2.01E-03	0.00E+00	0.00E+00	-4.02E-10	-4.25E-08	-3.48E-02	-3.02E-01	0.00E+00	0.00E+00	-4.90E-01	0.00E+00	-4.38E-02	0.00E+00	1.00E-09	-6.09E-09	-5.65E-04	0.00E+00	-3.81E-02	0.00E+00	-4.38E-02	-1.40E-05	-4.38E-02	-8.20E-02	-3.81E-02	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
6147438989	-5.72E-04	2.20E-02	1.47E-03	2.06E-02	0.00E+00	0.00E+00	2.20E-01	-8.79E-05	1.85E-04	-3.07E-04	0.00E+00	0.00E+00	-3.38E-11	-7.36E-09	1.86E-03	-1.19E-02	0.00E+00	0.00E+00	1.46E-01	0.00E+00	3.76E-01	0.00E+00	3.10E-09	-1.50E-10	-6.92E-05	0.00E+00	3.50E-02	0.00E+00	3.76E-01	-5.52E-06	3.76E-01	4.11E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	4.49E+00
61600049	-3.05E-03	-6.54E-02	-4.91E-04	-7.84E-02	0.00E+00	0.00E+00	-4.57E-01	-1.95E-04	-1.18E-04	-1.55E-03	0.00E+00	-4.65E-10	-5.05E-10	-2.96E-08	-5.29E-04	-1.24E+00	0.00E+00	0.00E+00	-5.20E-01	0.00E+00	-6.86E-01	0.00E+00	-3.00E-09	-6.23E-09	-5.25E-04	-2.09E-10	-2.17E-01	0.00E+00	-6.86E-01	-1.04E-05	-6.86E-01	-8.46E-01	-2.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
61604049	-4.18E-03	-7.07E-02	-1.66E-03	-5.49E-02	0.00E+00	0.00E+00	-1.08E+00	-4.01E-04	-1.98E-04	-2.20E-03	0.00E+00	-4.65E-10	-8.21E-10	-4.79E-08	-8.31E-03	-1.68E+00	0.00E+00	0.00E+00	-7.59E-01	0.00E+00	-7.62E-01	0.00E+00	-5.95E-09	-1.18E-08	-6.61E-04	-2.09E-10	-3.76E-01	0.00E+00	-7.62E-01	-1.34E-05	-7.62E-01	-1.19E+00	-3.76E-01	0.00E+00	0.00E+00	0.00E+00	-4.02E+01
6161032045	-4.59E-03	-3.81E-02	-2.66E-04	-3.58E-02	0.00E+00	0.00E+00	-6.97E-01	-3.81E-04	-3.33E-05	-1.48E-03	0.00E+00	0.00E+00	-4.86E-10	-4.11E-08	-1.68E-04	-2.26E+00	0.00E+00	0.00E+00	-6.14E-01	0.00E+00	-2.92E-01	0.00E+00	9.53E-10	-6.51E-09	-4.30E-04	-2.12E-10	-3.32E-01	0.00E+00	-2.92E-01	-9.44E-06	-2.92E-01	-4.08E-01	-3.32E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
6161032089	-4.64E-03	-4.01E-02	-2.84E-04	-3.70E-02	0.00E+00	0.00E+00	-6.97E-01	-3.89E-04	-2.93E-05	-1.43E-03	0.00E+00	0.00E+00	-4.89E-10	-4.09E-08	-2.28E-04	-2.26E+00	0.00E+00	0.00E+00	-6.22E-01	0.00E+00	-3.00E-01	0.00E+00	8.26E-10	-6.55E-09	-4.47E-04	-2.12E-10	-3.29E-01	0.00E+00	-3.00E-01	-9.47E-06	-3.00E-01	-4.26E-01	-3.29E-01	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
6161036084	-4.98E-03	-4.01E-02	-3.31E-04	-3.49E-02	0.00E+00	0.00E+00	-7.00E-01	-3.57E-04	-3.70E-05	-1.58E-03	0.00E+00	-2.27E-06	-5.41E-10	-3.93E-08	-4.55E-02	-2.22E+00	0.00E+00	0.00E+00	-6.17E-01	-8.11E-04	-3.22E-01	0.00E+00	4.57E-10	-6.93E-09	-4.74E-04	-4.99E-07	-3.06E-01	0.00E+00	-3.22E-01	-1.02E-05	-3.22E-01	-4.15E-01	-3.06E-01	0.00E+00	0.00E+00	0.00E+00	-3.10E+01
6161036086	-5.16E-03	-3.77E-02	-3.07E-04	-3.25E-02	0.00E+00	0.00E+00	-7.25E-01	-3.67E-04	-3.56E-05	-1.53E-03	0.00E+00	-2.59E-06	-5.18E-10	-4.08E-08	-4.90E-04	-2.63E+00	0.00E+00	0.00E+00	-6.34E-01	-9.26E-04	-2.78E-01	0.00E+00	7.58E-10	-7.00E-09	-4.62E-04	-6.27E-07	-3.33E-01	0.00E+00	-2.78E-01	-9.61E-06	-2.78E-01	-4.17E-01	-3.33E-01	0.00E+00	0.00E+00	0.00E+00	-3.00E+01
6161036089	-4.99E-03	-3.69E-02	-2.64E-04	-3.21E-02	0.00E+00	0.00E+00	-6.84E-01	-3.58E-04	-3.03E-05	-1.51E-03	0.00E+00	0.00E+00	-5.17E-10	-3.99E-08	-4.08E-04	-2.17E+00	0.00E+00	0.00E+00	-6.24E-01	0.00E+00	-2.84E-01	0.00E+00	7.92E-10	-6.77E-09	-4.45E-04	-2.12E-10	-3.05E-01	0.00E+00	-2.84E-01	-9.69E-06	-2.84E-01	-3.88E-01	-3.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.91E+01
6167031909	-2.96E-03	-7.93E-02	-9.75E-04	-7.83E-02	0.00E+00	0.00E+00	-5.68E-01	-1.79E-04	-1.21E-04	-1.51E-03	0.00E+00	0.00E+00	-6.55E-10	-2.08E-08	-1.21E-03	-1.23E+00	0.00E+00	0.00E+00	-6.40E-01	0.00E+00	-6.79E-01	0.00E+00	-3.21E-09	-7.81E-09	-5.25E-04	0.00E+00	-2.14E-01	0.00E+00	-6.79E-01	-6.76E-06	-6.79E-01	-8.93E-01	-2.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
6167032045	-2.65E-03	-3.03E-02	-9.94E-05	-3.72E-02	0.00E+00	0.00E+00	-5.15E-01	-2.02E-04	-1.15E-05	-1.29E-03	0.00E+00	0.00E+00	-4.01E-10	-2.42E-08	-3.11E-04	-7.94E-01	0.00E+00	0.00E+00	-4.66E-01	0.00E+00	-2.64E-01	0.00E+00	6.05E-10	-4.57E-09	-3.86E-04	-2.12E-10	-1.49E-01	0.00E+00	-2.64E-01	-7.76E-06	-2.64E-01	-3.78E-01	-1.49E-01	0.00E+00	0.00E+00	0.00E+00	-1.72E+01
6167032089	-2.66E-03	-3.31E-02	-1.32E-04	-3.77E-02	0.00E+00	0.00E+00	-5.12E-01	-1.96E-04	-5.65E-06	-1.24E-03	0.00E+00	0.00E+00	-4.06E-10	-2.39E-08	-3.66E-04	-8.20E-01	0.00E+00	0.00E+00	-4.72E-01	0.00E+00	-2.72E-01	0.00E+00	4.77E-10	-4.59E-09	-3.89E-04	-2.12E-10	-1.53E-01	0.00E+00	-2.72E-01	-7.73E-06	-2.72E-01	-3.96E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.71E+01
6167036084	-3.36E-03	-3.51E-02	-1.47E-04	-3.46E-02	0.00E+00	0.00E+00	-5.17E-01	-1.96E-04	-2.29E-05	-1.37E-03	0.00E+00	-2.27E-06	-4.90E-10	-2.53E-08	-4.56E-02	-9.44E-01	0.00E+00	0.00E+00	-4.96E-01	-8.11E-04	-2.84E-01	0.00E+00	1.67E-10	-5.26E-09	-4.41E-04	-4.99E-07	-1.41E-01	0.00E+00	-2.84E-01	-8.51E-06	-2.84E-01	-3.80E-01	-1.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+01
6167036086	-3.78E-03	-3.00E-02	-1.54E-04	-3.31E-02	0.00E+00	0.00E+00	-5.85E-01	-2.40E-04	-1.88E-05	-1.36E-03	0.00E+00	-2.59E-06	-4.72E-10	-3.00E-08	-8.62E-04	-1.42E+00	0.00E+00	0.00E+00	-5.07E-01	-9.26E-04	-2.47E-01	0.00E+00	3.91E-10	-5.21E-09	-4.24E-04	-6.27E-07	-1.43E-01	0.00E+00	-2.47E-01	-8.18E-06	-2.47E-01	-3.99E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+01
6167036089	-2.95E-03	-7.00E-02	-9.53E-04	-6.91E-02	0.00E+00	0.00E+00	-5.63E-01	-1.79E-04	-1.19E-04	-1.49E-03	0.00E+00	0.00E+00	-6.53E-10	-2.08E-08	-1.15E-03	-6.04E-01	0.00E+00	0.00E+00	-6.35E-01	0.00E+00	-6.62E-01	0.00E+00	-3.08E-09	-7.47E-09	-5.19E-04	0.00E+00	-1.23E-01	0.00E+00	-6.62E-01	-6.76E-06	-6.62E-01	-7.86E-01	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
6167038982	-2.95E-03	-7.00E-02	-9.53E-04	-6.91E-02	0.00E+00	0.00E+00	-5.63E-01	-1.79E-04	-1.19E-04	-1.49E-03	0.00E+00	0.00E+00	-6.53E-10	-2.08E-08	-1.15E-03	-6.04E-01	0.00E+00	0.00E+00	-6.35E-01	0.00E+00	-6.62E-01	0.00E+00	-3.08E-09	-7.47E-09	-5.19E-04	0.00E+00	-1.23E-01	0.00E+00	-6.62E-01	-6.76E-06	-6.62E-01	-7.86E-01	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
6167038989	2.71E-04	2.57E-02	1.54E-03	2.42E-02	0.00E+00	0.00E+00	4.09E-01	7.88E-07	1.34E-04	2.77E-04	0.00E+00	0.00E+00	6.93E-11	2.07E-09	2.17E-03	-1.13E-01	0.00E+00	0.00E+00	2.90E-01	0.00E+00	4.53E-01	0.00E+00	3.48E-09	1.54E-09	8.50E-05	0.00E+00	2.05E-02	0.00E+00	4.53E-01	8.97E-08	4.53E-01	4.73E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
6167157003	-3.27E-03	-3.65E-02	-1.38E-04	-3.28E-02	0.00E+00	0.00E+00	-5.08E-01	-1.94E-04	-9.31E-06	-1.31E-03	0.00E+00	-2.27E-06	-4.64E-10	-2.51E-08	-4.57E-02	-1.03E+00	0.00E+00	0.00E+00	-4.73E-01	-8.11E-04	-3.04E-01	0.00E+00	2.92E-10	-5.24E-09	-4.33E-04	-4.99E-07	-1.69E-01	0.00E+00	-3.04E-01	-8.47E-06	-3.04E-01	-3.95E-01	-1.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.94E+01
6167157006	-3.25E-03	-3.62E-02	-1.37E-04	-3.28E-02	0.00E+00	0.00E+00	-5.18E-01	-1.97E-04	-6.91E-06	-1.29E-03	0.00E+00	-2.27E-06	-4.48E-10	-2.50E-08	-3.93E-02	-1.03E+00	0.00E+00	0.00E+00	-4.55E-01	-8.11E-04	-2.81E-01	0.00E+00	3.10E-10	-5.06E-09	-4.35E-04	-4.99E-07	-1.73E-01	0.00E+00	-2.81E-01	-8.47E-06	-2.81E-01	-3.82E-01	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
6167157009	-2.81E-03	-3.22E-02	-6.72E-05	-3.28E-02	0.00E+00	0.00E+00	-4.95E-01	-1.93E-04	-2.35E-06	-1.25E-03	0.00E+00	0.00E+00	-4.27E-10	-2.48E-08	-4.73E-04	-8.20E-01	0.00E+00	0.00E+00	-4.63E-01	0.00E+00	-2.57E-01	0.00E+00	5.70E-10	-4.75E-09	-4.10E-04	-2.12E-10	-1.50E-01	0.00E+00	-2.57E-01	-8.02E-06	-2.57E-01	-3.85E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E+01
6167331404	-1.86E-03	3.96E-04	-9.11E-05	-2.69E-03	0.00E+00	0.00E+00	-4.14E-01	-1.37E-04	-4.09E-07	-8.87E-04	0.00E+00	-2.27E-06	-2.14E-10	-1.58E-08	-4.14E-02	-1.09E+00	0.00E+00	0.00E+00	-3.62E-01	-8.11E-04	-1.65E-01	0.00E+00	8.93E-10	-4.56E-09	-2.78E-04	-5.23E-07	-1.78E-01	0.00E+00	-1.65E-01	-5.77E-06	-1.65E-01	-2.46E-01	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+01
6167331606	-2.09E-03	-9.49E-02	-1.31E-03	-9.36E-02	0.00E+00	0.00E+00	-7.80E-01	-1.91E-04	-1.36E-04	-1.67E-03	0.00E+00	-1.55E-05	-6.74E-10	-2.24E-08	-4.38E-03	-1.43E+00	0.00E+00	0.00E+00	-6.59E-01	-5.55E-03	-1.03E+00	0.00E+00	-3.11E-09	-8.30E-09	-5.73E-04	-3.66E-06	-2.51E-01	0.00E+00	-1.03E+00	-7.19E-06	-1.03E+00	-1.28E+00	-2.51E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
6167331909	-1.45E-03	2.54E-03	-2.53E-05	-1.93E-03	0.00E+00	0.00E+00	-4.10E-01	-1.32E-04	6.17E-06	-8.74E-04	0.00E+00	0.00E+00	-1.99E-10	-1.55E-08	-4.66E-04	-8.81E-01	0.00E+00	0.00E+00	-3.57E-01	0.00E+00	-1.28E-01	0.00E+00	1.02E-09	-4.28E-09	-2.61E-04	-2.12E-10	-1.55E-01	0.00E+00	-1.28E-01	-5.51E-06	-1.28E-01	-2.49E-01	-1.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.36E+01
6167336086	-3.71E-03	-3.31E-02	-2.11E-04	-3.08E-02	0.00E+00	0.00E+00	-5.80E-01	-2.29E-04	-2.70E-05	-1.31E-03	0.00E+00	-2.59E-06	-4.75E-10	-3.01E-08	-1.48E-03	-1.44E+00	0.00E+00	0.00E+00	-4.70E-01	-9.26E-04	-2.55E-01	0.00E+00	2.56E-10	-5.69E-09	-4.11E-04	-6.27E-07	-1.61E-01	0.00E+00	-2.55E-01	-8.13E-06	-2.55E-01	-4.14E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-2.02E+01
6167336089	-2.83E-03	-3.19E-02	-1.24E-04	-3.10E-02	0.00E+00	0.00E+00	-5.07E-01	-1.87E-04	-2.13E-05	-1.29E-03	0.00E+00	0.00E+00	-4.61E-10	-2.49E-08	-1.27E-03	-6.83E-01	0.00E+00	0.00E+00	-4.56E-01	0.00E+00	-2.66E-01	0.00E+00	2.36E-10	-5.28E-09	-3.92E-04	-2.12E-10	-1.28E-01	0.00E+00	-2.66E-01	-8.07E-06	-2.66E-01	-3.85E-01	-1.28E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
6647438982	-2.82E-03	-1.89E-02	3.43E-04	-1.82E-02	0.00E+00	0.00E+00	-4.47E-01	-2.55E-04	1.64E-05	-1.36E-03	0.00E+00	0.00E+00	-3.27E-10	-2.79E-08	-5.88E-04	-5.58E-01	0.00E+00	0.00E+00	-4.65E-01	0.00E+00	-1.15E-01	0.00E+00	7.99E-10	-4.51E-09	-4.34E-04	-2.12E-10	-6.99E-02	0.00E+00	-1.15E-01	-8.85E-06	-1.15E-01	-3.06E-01	-6.99E-02	0.00E+00	0.00E+00	0.00E+00	-1.63E+01
6647438989	-3.68E-03	-5.72E-03	2.92E-04	-6.01E-03	0.00E+00	0.00E+00	-5.74E-01	-3.72E-04	-1.27E-04	-1.98E-03	0.00E+00	0.00E+00	-4.03E-10	-4.25E-08	8.41E-04	-2.98E-01	0.00E+00	0.00E+00	-4.89E-01	0.00E+00	4.33E-02	0.00E+00	1.07E-09	-5.99E-09	-5.58E-04	0.00E+00	-3.69E-02	0.00E+00	4.33E-02	-1.37E-05	4.33E-02	6.32E-03	-3.69E-02	0.00E+00	0.00E+00	0.00E+00	-2.23E+01
6647761404	-3.63E-03	-7.07E-03	-4.29E-04	-1.79E-02	0.00E+00	0.00E+00	-8.97E-01	-3.14E-04	-4.81E-05	-1.64E-03	0.00E+00	-1.19E-06	-2.63E-10	-3.70E-08	2.14E-05	-2.79E+00	0.00E+00	0.00E+00	-6.69E-01	-4.26E-04	-1.20E-01	0.00E+00	-4.77E-10	-6.48E-09	-3.55E-04	-2.94E-07	-3.11E-01	0.00E+00	-1.20E-01	-8.26E-06	-1.20E-01	-3.82E-01	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
6647761606	-3.64E-03	8.31E-04	-2.56E-04	-1.27E-02	0.00E+00	0.00E+00	-9.02E-01	-3.20E-04	-4.94E-05	-1.87E-03	0.00E+00	0.00E+00	-2.93E-10	-3.76E-08	5.38E-04	-2.41E+00	0.00E+00	0.00E+00	-6.70E-01	0.00E+00	-1.12E-03	0.00E+00	1.01E-09	-6.17E-09	-3.85E-04	-2.12E-10	-3.01E-01	0.00E+00	-1.12E-03	-8.22E-06	-1.12E-03	-3.39E-01	-3.01E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+01
6647761909	-3.49E-03	-1.81E-03	-3.37E-04	-1.34E-02	0.00E+00	0.00E+00	-7.94E-01	-2.92E-04	-3.84E-05	-1.61E-03	0.00E+00	0.00E+00	-2.40E-10	-3.41E-08	4.84E-04	-2.36E+00	0.00E+00	0.00E+00	-6.49E-01	0.00E+00	-2.13E-02	0.00E+00	9.68E-10	-5.91E-09	-3.53E-04	-2.12E-10	-3.04E-01	0.00E+00	-2.13E-02	-7.88E-06	-2.13E-02	-3.45E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-2.04E+01
6647768989	-3.12E-03	-1.35E-02	-3.98E-04	-1.69E-02	0.00E+00	0.00E+00	-8.57E-01	-3.21E-04	-4.71E-05	-1.63E-03	0.00E+00	0.00E+00	-2.53E-10	-3.82E-08	4.34E-04	-3.18E+00	0.00E+00	0.00E+00	-6.85E-01	0.00E+00	-6.85E-02	0.00E+00	1.08E-10	-6.96E-09	-3.87E-04	-2.12E-10	-4.37E-01	0.00E+00	-6.85E-02	-8.83E-06	-6.85E-02	-3.65E-01	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	-2.34E+01
6647771606	-3.53E-03	1.18E-03	-2.50E-04	-1.26E-02	0.00E+00	0.00E+00	-8.92E-01	-3.15E-04	-4.09E-05	-1.85E-03	0.00E+00	0.00E+00	-2.78E-10	-3.66E-08	7.07E-04	-2.38E+00	0.00E+00	0.00E+00	-6.67E-01	0.00E+00	-5.49E-02	0.00E+00	1.16E-09	-6.11E-09	-3.78E-04	-2.12E-10	-2.94E-01	0.00E+00	-5.49E-02	-8.06E-06	-5.49E-02	-3.37E-01	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
6647771909	-3.35E-03	-3.51E-02	-4.30E-04	-4.72E-02	0.00E+00	0.00E+00	-8.49E-01	-3.07E-04	-4.00E-05	-1.44E-03	0.00E+00	0.00E+00	-3.24E-10	-3.33E-08	3.35E-04	-2.19E+00	0.00E+00	0.00E+00	-5.76E-01	0.00E+00	-2.30E-01	0.00E+00	5.54E-10	-6.07E-09	-3.73E-04	-2.12E-10	-2.68E-01	0.00E+00	-2.30E-01	-6.87E-06	-2.30E-01	-6.23E-01	-2.68E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
6647778989	-3.08E-03	-6.79E-03	-2.61E-04	-1.44E-02	0.00E+00	0.00E+00	-8.65E-01	-3.31E-04	-2.38E-05	-1.62E-03	0.00E+00	0.00E+00	-2.54E-10	-3.96E-08	5.89E-04	-3.15E+00	0.00E+00	0.00E+00	-6.26E-01	0.00E+00	-1.14E-02	0.00E+00	1.18E-09	-6.85E-09	-3.80E-04	-2.12E-10	-4.37E-01	0.00E+00	-1.14E-02	-8.25E-06	-1.14E-02	-3.67E-01	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
6647781909	-3.43E-03	1.00E-03	-2.40E-04	-1.35E-02	0.00E+00	0.00E+00	-8.03E-01	-2.86E-04	-2.97E-05	-1.61E-03	0.00E+00	0.00E+00	-2.48E-10	-3.31E-08	6.40E-04	-2.36E+00	0.00E+00	0.00E+00	-5.94E-01	0.00E+00	2.17E-02	0.00E+00	1.11E-09	-5.85E-09	-3.61E-04	-2.12E-10	-3.04E-01	0.00E+00	2.17E-02	-7.70E-06	2.17E-02	-3.47E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
6647788989	-5.87E-03	-1.34E-01	1.31E-04	-5.59E-02	0.00E+00	0.00E+00	-8.50E-01	-5.79E-04	2.43E-05	-1.93E-03	0.00E+00	0.00E+00	-7.02E-10	-6.11E-08	4.22E-03	-5.81E+00	0.00E+00	0.00E+00	-7.13E-01	0.00E+00	1.36E+00	0.00E+00	-1.47E-09	-1.11E-08	-6.22E-04	-2.12E-10	-9.09E-01	0.00E+00	1.36E+00	-1.61E-05	1.36E+00	-4.18E-02	-9.09E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
67412809	-3.96E-03	-6.20E-02	-4.40E-04	-8.91E-02	0.00E+00	0.00E+00	-7.77E-01	-3.73E-04	-6.68E-05	-1.55E-03	0.00E+00	0.00E+00	-6.40E-10	-4.27E-08	-8.81E-04	-9.53E-01	0.00E+00	0.00E+00	-4.15E-01	0.00E+00	-3.93E-01	0.00E+00	-8.60E-10	-6.53E-09	-5.65E-04	-2.12E-10	-1.36E-01	0.00E+00	-3.93E-01	-1.03E-05	-3.93E-01	-1.05E+00	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+01

67419405	-2.72E-03	-1.49E-02	7.45E-05	-1.36E-02	0.00E+00	0.00E+00	-4.65E-01	-1.74E-04	4.92E-05	-1.19E-03	0.00E+00	0.00E+00	-2.69E-10	-2.20E-08	6.65E-04	-6.62E-01	0.00E+00	0.00E+00	-2.12E-01
67419409	-2.73E-03	-1.49E-02	7.45E-05	-1.36E-02	0.00E+00	0.00E+00	-4.65E-01	-1.74E-04	4.92E-05	-1.19E-03	0.00E+00	0.00E+00	-2.69E-10	-2.20E-08	6.53E-04	-6.62E-01	0.00E+00	0.00E+00	-2.12E-01
6745643501	-4.10E-03	-1.47E-01	-4.47E-03	-1.42E-01	0.00E+00	0.00E+00	-1.23E+00	-2.72E-04	-1.55E-04	-1.94E-03	0.00E+00	-4.65E-10	-6.28E-10	-3.19E-08	-1.64E+00	-1.06E+00	0.00E+00	0.00E+00	-8.78E-01
6745643503	-4.11E-03	-1.46E-01	-4.47E-03	-1.42E-01	0.00E+00	0.00E+00	-1.25E+00	-2.78E-04	-1.66E-04	-1.96E-03	0.00E+00	-4.65E-10	-6.17E-10	-3.27E-08	-1.63E+00	-9.75E-01	0.00E+00	0.00E+00	-8.34E-01
6745643504	-4.10E-03	-1.47E-01	-4.47E-03	-1.42E-01	0.00E+00	0.00E+00	-1.23E+00	-2.72E-04	-1.55E-04	-1.94E-03	0.00E+00	-4.65E-10	-6.28E-10	-3.19E-08	-1.64E+00	-1.06E+00	0.00E+00	0.00E+00	-8.78E-01
6745643507	-4.10E-03	-1.47E-01	-4.47E-03	-1.42E-01	0.00E+00	0.00E+00	-1.23E+00	-2.72E-04	-1.55E-04	-1.94E-03	0.00E+00	-4.65E-10	-6.28E-10	-3.19E-08	-1.64E+00	-1.06E+00	0.00E+00	0.00E+00	-8.78E-01
6745643513	-3.74E-03	-1.48E-01	-4.48E-03	-1.42E-01	0.00E+00	0.00E+00	-1.27E+00	-2.63E-04	-1.58E-04	-2.15E-03	0.00E+00	-4.65E-10	-6.32E-10	-3.03E-08	-1.64E+00	-1.10E+00	0.00E+00	0.00E+00	-8.90E-01
6765088962	-2.74E-03	-1.45E-03	1.46E-04	-3.23E-02	0.00E+00	0.00E+00	-5.32E-01	-2.38E-04	2.13E-05	-1.20E-03	0.00E+00	-4.25E-08	-4.28E-10	-2.76E-08	-1.43E-03	-1.23E+00	0.00E+00	0.00E+00	-3.98E-01
6765091909	-1.58E-03	5.47E-04	1.22E-04	-3.18E-03	0.00E+00	0.00E+00	-3.88E-01	-1.62E-04	3.47E-05	-1.23E-03	0.00E+00	0.00E+00	-2.23E-10	-1.97E-08	-3.89E-04	-8.52E-01	0.00E+00	0.00E+00	-5.36E-01
6765091913	-1.61E-03	-1.48E-03	1.98E-04	-8.51E-03	0.00E+00	0.00E+00	-3.86E-01	-1.62E-04	3.33E-05	-1.17E-03	0.00E+00	0.00E+00	-2.15E-10	-1.96E-08	-8.42E-04	-8.91E-01	0.00E+00	0.00E+00	-5.47E-01
6765091914	-1.60E-03	1.83E-03	1.85E-04	-1.44E-02	0.00E+00	0.00E+00	-4.51E-01	-1.65E-04	1.22E-05	-1.15E-03	0.00E+00	-1.78E-05	-2.26E-10	-1.99E-08	-1.62E-03	-8.32E-01	0.00E+00	0.00E+00	-5.70E-01
6765092022	-3.07E-03	-4.31E-02	8.57E-07	-5.31E-02	0.00E+00	0.00E+00	-5.63E-01	-2.73E-04	-2.24E-05	-1.70E-03	0.00E+00	-1.77E-05	-5.12E-10	-3.19E-08	-1.70E-03	-7.35E-01	0.00E+00	0.00E+00	-5.79E-01
6765092045	-3.87E-03	-9.04E-02	-8.79E-04	-9.66E-02	0.00E+00	0.00E+00	-9.36E-01	-2.83E-04	-1.75E-04	-2.76E-03	0.00E+00	-4.58E-10	-5.55E-10	-3.56E-08	-4.20E-02	-7.46E-01	0.00E+00	0.00E+00	-9.55E-01
6765092089	-4.28E-03	-9.67E-02	-1.10E-03	-1.04E-01	0.00E+00	0.00E+00	-9.74E-01	-3.98E-04	-2.09E-04	-2.88E-03	0.00E+00	-4.58E-10	-5.83E-10	-4.54E-08	-4.24E-02	-7.31E-01	0.00E+00	0.00E+00	-9.95E-01
6765096013	-4.41E-03	-8.07E-02	-5.31E-04	-6.69E-02	0.00E+00	0.00E+00	-7.22E-01	-2.93E-04	-8.20E-05	-1.89E-03	0.00E+00	0.00E+00	-7.49E-10	-3.73E-08	-8.47E-03	-6.05E-01	0.00E+00	0.00E+00	-7.05E-01
6765096086	-3.15E-03	-4.13E-02	1.34E-05	-3.14E-02	0.00E+00	0.00E+00	-4.76E-01	-2.76E-04	-5.44E-06	-1.76E-03	0.00E+00	0.00E+00	-5.20E-10	-3.30E-08	-1.20E-03	-5.57E-01	0.00E+00	0.00E+00	-5.50E-01
6765096089	-3.23E-03	-4.08E-02	5.76E-05	-3.14E-02	0.00E+00	0.00E+00	-4.96E-01	-2.81E-04	-3.21E-05	-2.00E-03	0.00E+00	0.00E+00	-5.40E-10	-3.42E-08	-1.51E-03	-5.64E-01	0.00E+00	0.00E+00	-5.72E-01
6765097015	-3.22E-03	-4.22E-02	5.32E-05	-4.95E-02	0.00E+00	0.00E+00	-5.84E-01	-2.71E-04	-2.08E-05	-1.68E-03	0.00E+00	-1.84E-05	-5.15E-10	-3.32E-08	-2.48E-03	-7.76E-01	0.00E+00	0.00E+00	-5.80E-01
6765098913	-3.26E-03	-4.08E-02	1.83E-04	-2.94E-02	0.00E+00	0.00E+00	-5.46E-01	-2.80E-04	-2.65E-05	-1.93E-03	0.00E+00	0.00E+00	-5.30E-10	-3.34E-08	-2.73E-03	-6.10E-01	0.00E+00	0.00E+00	-6.24E-01
6765098914	-3.17E-03	-3.54E-02	2.44E-04	-2.93E-02	0.00E+00	0.00E+00	-5.12E-01	-2.74E-04	-2.75E-05	-1.91E-03	0.00E+00	0.00E+00	-5.26E-10	-3.30E-08	-1.53E-03	-5.84E-01	0.00E+00	0.00E+00	-5.79E-01
6765098915	-3.26E-03	-4.21E-02	1.85E-04	-2.85E-02	0.00E+00	0.00E+00	-5.49E-01	-2.80E-04	-2.65E-05	-1.93E-03	0.00E+00	0.00E+00	-5.32E-10	-3.34E-08	-4.17E-03	-6.10E-01	0.00E+00	0.00E+00	-6.27E-01
6765098989	-3.35E-03	-4.77E-02	-1.37E-04	-4.25E-02	0.00E+00	0.00E+00	-5.50E-01	-2.90E-04	-2.96E-05	-2.07E-03	0.00E+00	0.00E+00	-5.76E-10	-3.30E-08	-5.42E-03	-5.62E-01	0.00E+00	0.00E+00	-6.30E-01
6765101404	-2.41E-03	-2.26E-02	-2.72E-04	-3.73E-02	0.00E+00	0.00E+00	-4.68E-01	-1.86E-04	-7.32E-06	-1.53E-03	0.00E+00	-2.27E-06	-2.97E-10	-2.02E-08	-5.35E-02	-1.81E+00	0.00E+00	0.00E+00	-6.64E-01
6765101606	-1.96E-03	-2.36E-02	-2.32E-04	-4.42E-02	0.00E+00	0.00E+00	-5.30E-01	-1.95E-04	-2.69E-07	-1.54E-03	0.00E+00	-1.86E-05	-2.97E-10	-2.05E-08	-2.25E-03	-1.67E+00	0.00E+00	0.00E+00	-6.71E-01
6765101909	-1.92E-03	-2.09E-02	-1.81E-04	-3.65E-02	0.00E+00	0.00E+00	-4.65E-01	-1.86E-04	3.13E-06	-1.49E-03	0.00E+00	0.00E+00	-2.89E-10	-2.02E-08	-5.67E-04	-1.65E+00	0.00E+00	0.00E+00	-6.59E-01
6765102045	-3.68E-03	-3.22E-02	-8.00E-04	-3.06E-02	0.00E+00	0.00E+00	-8.97E-01	-2.89E-04	-8.84E-05	-2.63E-03	0.00E+00	-8.12E-06	-5.38E-10	-3.58E-08	-4.64E-02	-1.07E+00	0.00E+00	0.00E+00	-8.08E-01
6765102089	-4.29E-03	-9.75E-02	-1.11E-03	-1.14E-01	0.00E+00	0.00E+00	-8.84E-01	-4.03E-04	-1.73E-04	-2.84E-03	0.00E+00	-4.58E-10	-4.49E-10	-4.80E-08	-7.59E-02	-1.05E+00	0.00E+00	0.00E+00	-8.15E-01
6765106084	-3.90E-03	-7.21E-02	-4.62E-04	-8.37E-02	0.00E+00	0.00E+00	-6.82E-01	-3.01E-04	-4.53E-05	-2.07E-03	0.00E+00	-1.85E-05	-6.10E-10	-3.46E-08	-5.44E-02	-1.73E+00	0.00E+00	0.00E+00	-7.19E-01
6765106086	-4.09E-03	-6.72E-02	-4.63E-04	-8.42E-02	0.00E+00	0.00E+00	-7.42E-01	-3.43E-04	-3.58E-05	-2.08E-03	0.00E+00	-1.87E-05	-5.91E-10	-4.00E-08	-2.38E-03	-2.19E+00	0.00E+00	0.00E+00	-7.22E-01
6765106089	-3.35E-03	-6.37E-02	-3.20E-04	-7.38E-02	0.00E+00	0.00E+00	-5.89E-01	-2.91E-04	-3.06E-05	-1.91E-03	0.00E+00	0.00E+00	-5.65E-10	-3.36E-08	-6.82E-04	-1.56E+00	0.00E+00	0.00E+00	-6.96E-01
6765107003	-3.87E-03	-6.67E-02	-3.86E-04	-7.34E-02	0.00E+00	0.00E+00	-5.88E-01	-2.91E-04	-3.26E-05	-1.96E-03	0.00E+00	-2.27E-06	-5.78E-10	-3.38E-08	-5.36E-02	-1.74E+00	0.00E+00	0.00E+00	-6.85E-01
6765107006	-3.89E-03	-7.33E-02	-4.75E-04	-7.22E-02	0.00E+00	0.00E+00	-6.53E-01	-2.94E-04	-3.28E-05	-2.04E-03	0.00E+00	-2.27E-06	-6.04E-10	-3.39E-08	-5.19E-02	-1.76E+00	0.00E+00	0.00E+00	-7.39E-01
6765107009	-3.39E-03	-6.80E-02	-3.86E-04	-7.24E-02	0.00E+00	0.00E+00	-6.49E-01	-2.91E-04	-3.54E-05	-1.96E-03	0.00E+00	0.00E+00	-5.86E-10	-3.36E-08	-8.64E-04	-1.59E+00	0.00E+00	0.00E+00	-7.37E-01
6765108982	-3.20E-03	-6.50E-02	-4.93E-04	-8.01E-02	0.00E+00	0.00E+00	-6.09E-01	-2.94E-04	-3.10E-05	-1.91E-03	0.00E+00	0.00E+00	-5.72E-10	-3.19E-08	-1.00E-03	-1.51E+00	0.00E+00	0.00E+00	-7.09E-01
6765108989	-3.20E-03	-6.50E-02	-4.93E-04	-8.01E-02	0.00E+00	0.00E+00	-6.09E-01	-2.94E-04	-3.10E-05	-1.92E-03	0.00E+00	0.00E+00	-5.74E-10	-3.19E-08	-9.97E-04	-1.51E+00	0.00E+00	0.00E+00	-7.09E-01
6765111606	-2.25E-03	-4.34E-02	-1.19E-04	-5.23E-02	0.00E+00	0.00E+00	-4.69E-01	-2.62E-04	-1.76E-05	-1.56E-03	0.00E+00	-1.89E-05	-4.37E-10	-2.81E-08	-5.51E-03	-1.57E+00	0.00E+00	0.00E+00	-5.19E-01
6765116084	-5.34E-03	-1.17E-01	-9.37E-04	-1.08E-01	0.00E+00	0.00E+00	-9.17E-01	-3.18E-04	-1.22E-04	-2.46E-03	0.00E+00	-1.86E-05	-9.96E-10	-3.59E-08	-5.15E-02	-2.03E+00	0.00E+00	0.00E+00	-8.20E-01
6765116086	-5.83E-03	-7.08E-02	-3.09E-04	-9.41E-02	0.00E+00	0.00E+00	-8.58E-01	-3.87E-04	-8.53E-05	-2.04E-03	0.00E+00	-1.87E-05	-9.10E-10	-4.70E-08	-7.45E-03	-2.49E+00	0.00E+00	0.00E+00	-7.49E-01
6765116089	-3.15E-03	-6.53E-02	-4.68E-04	-5.80E-02	0.00E+00	0.00E+00	-6.58E-01	-2.80E-04	-2.65E-05	-2.01E-03	0.00E+00	0.00E+00	-5.39E-10	-3.30E-08	-1.12E-03	-1.46E+00	0.00E+00	0.00E+00	-6.77E-01
6765117006	-3.44E-03	-5.24E-02	-1.10E-04	-4.61E-02	0.00E+00	0.00E+00	-5.18E-01	-2.69E-04	-6.36E-06	-1.93E-03	0.00E+00	-2.27E-06	-5.43E-10	-3.20E-08	-4.80E-02	-1.95E+00	0.00E+00	0.00E+00	-6.05E-01
6765118989	-3.18E-03	-8.01E-02	-6.13E-04	-5.11E-02	0.00E+00	0.00E+00	-4.50E-01	-2.10E-04	-3.65E-05	-1.76E-03	0.00E+00	0.00E+00	-7.79E-10	-2.33E-08	-4.47E-03	-1.66E+00	0.00E+00	0.00E+00	-8.09E-01
6765757003	-3.21E-03	-5.88E-02	-1.05E-04	-3.88E-02	0.00E+00	0.00E+00	-5.41E-01	-2.81E-04	-3.82E-05	-1.87E-03	0.00E+00	0.00E+00	-5.83E-10	-3.41E-08	-1.91E-03	-1.27E+00	0.00E+00	0.00E+00	-6.30E-01
6765757004	-3.17E-03	-4.48E-02	2.08E-04	-3.21E-02	0.00E+00	0.00E+00	-4.73E-01	-2.74E-04	2.99E-06	-1.72E-03	0.00E+00	0.00E+00	-5.35E-10	-3.28E-08	6.62E-04	-1.25E+00	0.00E+00	0.00E+00	-5.81E-01
6765757006	-3.25E-03	-4.36E-02	-2.49E-04	-3.82E-02	0.00E+00	0.00E+00	-5.73E-01	-2.80E-04	8.05E-06	-2.00E-03	0.00E+00	0.00E+00	-6.65E-10	-3.31E-08	-2.62E-03	-7.93E-01	0.00E+00	0.00E+00	-5.99E-01
6765757009	-3.22E-03	-4.76E-02	-2.95E-04	-3.87E-02	0.00E+00	0.00E+00	-5.85E-01	-2.76E-04	-2.63E-05	-1.74E-03	0.00E+00	0.00E+00	-6.69E-10	-3.29E-08	-2.83E-03	-8.05E-01	0.00E+00	0.00E+00	-6.50E-01
6765760062	-1.67E-03	-6.49E-03	-5.83E-05	-2.04E-02	0.00E+00	0.00E+00	-4.94E-01	-1.81E-04	-2.85E-06	-1.23E-03	0.00E+00	-1.98E-05	-3.12E-10	-2.05E-08	-3.31E-03	-7.82E-01	0.00E+00	0.00E+00	-6.58E-01
6765760063	-1.64E-03	-6.50E-03	1.44E-05	-8.94E-03	0.00E+00	0.00E+00	-4.36E-01	-1.79E-04	2.44E-05	-1.25E-03	0.00E+00	0.00E+00	-3.04E-10	-1.99E-08	-2.71E-03	-7.62E-01	0.00E+00	0.00E+00	-6.21E-01
6765761404	-1.62E-03	1.74E-03	-2.61E-05	-2.90E-03	0.00E+00	0.00E+00	-4.12E-01	-1.83E-04	1.77E-05	-1.36E-03	0.00E+00	0.00E+00	-2.80E-10	-1.93E-08	-1.28E-03	-7.40E-01	0.00E+00	0.00E+00	-5.36E-01
6765761606	-1.62E-03	3.22E-04	2.22E-05	-1.45E-02	0.00E+00	0.00E+00	-4.69E-01	-1.79E-04	2.99E-05	-1.17E-03	0.00E+00	-1.92E-05	-2.61E-10	-1.88E-08	-1.74E-03	-7.55E-01	0.00E+00	0.00E+00	-5.29E-01
6765761909	-1.71E-03	-7.66E-03	-1.58E-04	-6.02E-03	0.00E+00	0.00E+00	-4.44E-01	-1.87E-04	2.08E-05	-1.53E-03	0.00E+00	0.00E+00	-3.40E-10	-2.05E-08	-2.62E-03	-7.66E-01	0.00E+00	0.00E+00	-6.19E-01
6765762045	-3.04E-03	-3.43E-02	-1.23E-04	-4.01E-02	0.00E+00	0.00E+00	-5.11E-01	-2.82E-04	-1.17E-05	-1.71E-03	0.00E+00	0.00E+00	-5.37E-10	-3.13E-08	-8.95E-05	-5.86E-01	0.00E+00	0.00E+00	-5.77E-01
6765762089	-2.99E-03	-3.61E-02	-1.67E-04	-3.97E-02	0.00E+00	0.00E+00	-5.08E-01	-2.75E-04	-1.04E-05	-1.70E-03	0.00E+00	0.00E+00	-5.48E-10	-3.10E-08	-1.08E-03	-6.08E-01	0.00E+00	0.00E+00	-5.98E-01
6765766084	-3.70E-03	-5.99E-02	-4.53E-04	-3.80E-02	0.00E+00	0.00E+00	-6.00E-01	-2.91E-04	-3.53E-05	-2.16E-03	0.00E+00	-2.27E-06	-6.39E-10	-3.41E-08	-6.11E-02	-7.57E-01	0.00E+00	0.00E+00	-6.67E-01
6765766086	-3.25E-03	-4.15E-02	-1.99E-04	-3.33E-02	0.00E+00	0.00E+00	-5.55E-01	-2.85E-04	-1.15E-05	-1.99E-03	0.00E+00	0.00E+00	-5.92E-10	-3.41E-08	-3.43E-03	-4.49E-01	0.00E+00	0.00E+00	-6.29E-01
6765766089	-3.12E-03	-3.48E-02	-5.70E-05	-3.08E-02	0.00E+00	0.00E+00	-5.07E-01	-2.79E-04	-2.21E-05	-1.73E-03	0.00E+00	0.00E+00	-5.60E-10	-3.31E-08	-1.34E-03	-4.48E-01	0.00E+00	0.00E+00	-6.29E-01
6765768962	-3.10E-03	-4.53E-02	-6.08E-05	-3.23E-02	0.00E+00	0.00E+00	-5.80E-01	-2.75E-04	-2.85E-05	-1.74E-03	0.00E+00	0.00E+00	-5.68E-10	-3.27E-08	-2.13E-03	-4.74E-01	0.00E+00	0.00E+00	-6.79E-01
6765768963	-3.09E-03	-2.80E-02	1.47E-04	-2.98E-02	0.00E+00	0.00E+00	-5.20E-01	-2.68E-04	-1.83E-05	-1.66E-03	0.00E+00	0.00E+00	-5.34E-10	-3.13E-08	-7.70E-04	-4.77E-01	0.00E+00	0.00E+00	-6.09E-01
6765768982	-3.03E-03	-3.81E-02	-3.10E-04	-4.35E-02	0.00E+00	0.00E+00	-5.29E-01	-2.82E-04	-3.07E-05	-1.77E-03	0.00E+00	0.00E+00	-5.77E-10	-3.18E-08	-1.78E-03	-4.44E-01	0.00E+00	0.00E+00	-6.37E-01
6765768989	-3.03E-03	-3.81E-02	-3.10E-04	-4.35E-02	0.00E+00	0.00E+00	-5.29E-01	-2.82E-04	-3.07E-05	-1.77E-03	0.00E+00	0.00E+00	-5.77E-10	-3.18E-08	-1.78E-03	-4.44E-01	0.00E+00	0.00E+00	-6.37E-01
6765771404	-3.49E-03	-3.22E-02	-1.27E-04	-3.42E-02	0.00E+00	0.00E+00	-4.89E-01	-2.77E-04	-1.13E-06	-1.75E-03	0.00E+00	-2.27E-06	-5.12E-10	-3.02E-08	-4.76E-02	-1.35E+00	0.00E+00	0.00E+00	-4.98E-01
6765771606	-3.02E-03	-8.34E-02	-2.43E-04	-7.73E-02	0.00E+00	0.00E+00	-4.59E-01	-2.33E-04	-1.01E-05	-1.55E-03	0.00E+00	-1.18E-05	-7.04E-10	-2.17E-08	-8.02E-03	-1.80E+00	0.00E+00	0.00E+00	-6.83E-01
6765771909	-2.96E-03	-7.91E-02	-3.78E-04	-4.93E-02	0.00E+00	0.00E+00	-4.21E-01	-2.35E-04	-9.48E-06	-1.54E-03	0.00E+00	0.00E+00	-6.75E-10	-2.13E-08	-5.20E-03	-1.76E+00	0.00E+00	0.00E+00	-6.57E-01
6765777103	-5.71E-03	-2.12E-01	-2.94E-04	-1.29E-01	0.00E+00	0.00E+00	-8.83E-01	-3.61E-04	-6.98E-05	-2.12E-03	0.00E+00	0.00E+00	-9.64E-10	-4.11E-08	-6.97E-03	-3.36E+00	0.00E+00	0.00E+00	-7.26E-01
6765777104	-3.32E-03	-7.91E-02	-4.45E-04	-6.65E-02	0.00E+00	0.00E+00	-6.81E-01	-2.78E-04	-4.96E-05	-2.26E-03	0.00E+00	0.00E+00	-7.77E-10	-3.30E-08	-2.52E-03	-1.89E+00	0.00E+00	0.00E+00	-7.89E-01
6765777106	-3.19E-03	-6.43E-02	-1.57E-04	-4.94E-02	0.00E+00	0.00E+00	-5.37E-01	-2.70E-04	-2.75E-05	-1.98E-03	0.00E+00	0.00E+00	-5.82E-10	-3.27E-08	-1.31E-03	-1.87E+00	0.00E+00	0.00E+00	-6.88E-01
6765777109	-3.62E-03	-4.88E-02	-2.30E-04	-3.69E-02	0.00E+00	0.00E+00	-5.13E-01	-3.27E-04	-3.83E-05	-1.96E-03	0.00E+00	0.00E+00	-5.61E-10	-3.59E-08	-4.84E-03	-1.91E+00	0.00E+00	0.00E+00	-7.18E-01
6765778982	-3.15E-03	-2.71E-02	1.72E-04	-2.39E-02	0.00E+00	0.00E+00	-4.83E-01	-2.73E-04	7.12E-06	-1.71E-03	0.00E+00	0.00E+00	-4.89E-10	-3.08E-08	-4.14E-04	-1.38E+00	0.00E+00	0.00E+00	-4.75E-01
6765778989	-4.33E-03	-9.11E-02	-5.91E-04	-8.71E-02	0.00E+00	0.00E+00	-7.03E-01	-3.08E-04	-7.41E-05	-2.11E-03	0.00E+00	0.00E+00	-7.88E-10	-3.20E-08	-5.42E-03	-1.77E+00	0.00E+00	0.00E+00	-6.82E-01
676579	-3.52E-03	-2.92E-02	3.96E-04	-3.46E-02	0.00E+00	0.00E+00	-8.45E-01	-3.35E-04	-1.30E-04	-2.34E-03	0.00E+00	-4.58E-10	-4.89E-10	-3.96E-08	-4.22E-02	-3.40E-01	0.00E+00	0.00E+00	-6.74E-01
67657901	-2.39E-03	-4.66E-03	7.51E-04	-1.22E-02	0.00E+00	0.00E+00	-8.21E-01	-2.20E-04	-4.99E-05	-2.15E-03	0.00E+00	-4.58E-10	-4.23E-10	-2.53E-08	-4.16E-02	-2.75E-01	0.00E+00	0.00E+00	-5.85E-01
6765792045	-2.88E-03	-3.20E-02	3.75E-04	-3.57E-02	0.00E+00	0.00E+00	-9.24E-01	-2.50E-04	-7.59E-05	-2.42E-03	0.00E+00	-4.58E-10	-5.02E-10	-3.36E-08	-7.84E-02	-7.15E-01	0.00E+00	0.00E+00	-7.25E-01
6765792089	-3.63E-03	-3.68E-02	8.50E-05	-3.96E-02	0.00E+00	0.00E+00	-8.96E-01	-3.44E-04	-1.41E-04	-2.35E-03	0.00E+00	-4.58E-10	-5.13E-10	-4.00E-08	-7.90E-02	-7.13E-01	0.00E+00	0.00E+00	-6.71E-01
6765832045	-2.57E-03	-9.50E-02	3.46E-04	-1.06E-01	0.00E+00	0.00E+00	-9.06E-01	-2.27E-04	-8.23E-05	-2.40E-03	0.00E+00	-4.58E-10	-5.05E-10	-2.83E-08	-1.07E-01	-9.95E-01	0.00E+00	0.00E+00	-7.33E-01
6765832089	-2.50E-03	-9.49E-02	3.13E-04	-1.03E-01	0.00E+00	0.00E+00	-9.14E-01	-2.28E-04	-1.01E-04	-2.42E-03	0.00E+00	-4.58E-10	-5.04E-10	-2.65E-08	-9.39E-02	-1.01E+00	0.00E+00	0.00E+00	-6.98E-01
6765836086	-3.30E-03	-6.57E-02	-1.83E-04	-5.05E-02	0.00E+00	0.00E+00	-6.23E-01	-2.78E-04	-3.51E-05	-1.92E-03	0.00E+00	-1.88E-05	-6.05E-10	-3.38E-08	-2.60E-03	-1.60E+00	0.00E+00	0.00E+00	-6.61E-01
6765836089	-3.15E-03	-4.39E-02	2.55E-05	-3.35E-02	0.00E+00	0.00E+00	-4.46E-01	-2.69E-04	1.38E-05	-1.73E-03	0.00E+00	0.00E+00	-5.29E-10	-3.28E-08	-4.98E-04	-1.30E+00	0.00E+00	0.00E+00	-5.57E-01
6768111606	-1.56E-03	-3.65E-03	2.32E-04	-2.29E-02	0.00E+00	0.00E+00	-4.22E-01	-1.75E-04	4.32E-05	-1.47E-03	0.00E+00	-1.83E-05	-1.84E-10	-2.05E-08	-1.97E-03	-1.66E+00	0.00E+00	0.00E+00	-6.78E-01
6768116084	-3.48E-03	-5.20E-02	-1.49E-04	-5.45E-02	0.00E+00	0.00E+00	-6.07E-01	-2.80E-04	-1.47E-05	-2.01E-03	0.00E+00	-1.83E-05	-5.21E-10	-3.35E-08	-4.91E-02	-1.51E+00	0.00E+00	0.00E+00	-6.40E-01
6768116089	-3.01E-03	-4.28E-02	1.85E-04	-4.22E-02	0.00E+00	0.00E+00	-5.46E-01	-2.72E-04	2.40E-05	-1.77E-03	0.00E+00	0.00E+00	-4.58E-10	-3.28E-08	9.40E-05	-1.39E+00	0.00E+00	0.00E+00	-5.45E-01
6768117006	-3.37E-03	-5.01E-02	7.66E-05	-4.62E-02	0.00E+00	0.00E+00	-5.16E-01	-2.63E-04	2.07E-05	-1.81E-03	0.00E+00	-2.27E-06	-4.82E-10	-3.16E-08	-4.79E-02	-1.95E+00	0.00E+00	0.00E+00	-5.61E-01
6768118982	-1.59E-03	-4.90E-03	1.84E-04	-2.59E-02	0.00E+00	0.00E+00	-3.95E-01	-1.74E-04	3.88E-05	-1.52E-03	0.00E+00	0.00E+00	-2.03E-10	-1.98E-08	2.38E-04	-1.62E+00	0.00E+00	0.00E+00	-6.47E-01
6768118989	-1.59E-03	-4.90E-03	1.84E-04	-2.59E-02	0.00E+00	0.00E+00	-3.95E-01	-1.74E-04	4.13E-05	-1.52E-03	0.00E+00	0.00E+00	-2.02E-10	-1.98E-08	3.07E-04	-1.62E+00	0.00E+00	0.00E+00	-6.47E-01
6768757003	-3.13E-03	-2.47E-02	3.52E-04	-2.60E-02	0.00E+00	0.00E+00	-4.63E-01	-2.62E-04	2.29E-05	-1.54E-03	0.00E+00	0.00E+00	-4.53E-10	-3.14E-08	1.12E-03	-9.89E-01	0.00E+00	0.00E+00	-4.41E-01
6768757004	-3.14E-03	-4.15E-02	2.52E-04	-3.13E-02	0.00E+00	0.00E+00	-4.77E-01	-2.69E-04	1.54E-05	-1.64E-03	0.00E+00	0.00E+00	-4.86E-10	-3.24E-08	1.36E-03	-1.21E+00	0.00E+00	0.00E+00	-5.41E-01
6768757006	-3.24E-03	-3.72E-02	-1.37E-05	-3.75E-02	0.00E+00	0.00E+00	-5.28E-01	-2.81E-04	3.07E-06	-1.86E-03	0.00E+00	0.00E+00	-6.37E-10	-3.23E-08	-1.52E-03	-7.52E-01	0.00E+00	0.00E+00	-5.58E-01

67419405	0.00E+00	-3.77E-02	0.00E+00	6.23E-10	-3.01E-09	-2.35E-04	-2.12E-10	-8.68E-02	0.00E+00	-3.77E-02	-6.35E-06	-3.77E-02	-1.87E-01	-8.68E-02	0.00E+00	0.00E+00	0.00E+00	-9.80E+00
67419409	0.00E+00	-3.77E-02	0.00E+00	6.23E-10	-3.01E-09	-2.35E-04	-2.12E-10	-8.48E-02	0.00E+00	-3.77E-02	-6.42E-06	-3.77E-02	-1.87E-01	-8.48E-02	0.00E+00	0.00E+00	0.00E+00	-9.80E+00
6745643501	0.00E+00	-4.50E+00	0.00E+00	-4.24E-09	-1.07E-08	-7.17E-04	-2.09E-10	-2.13E-01	0.00E+00	-4.50E+00	-1.08E-05	-4.50E+00	-4.75E+00	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
6745643503	0.00E+00	-4.47E+00	0.00E+00	-3.81E-09	-1.07E-08	-7.24E-04	-2.09E-10	-2.00E-01	0.00E+00	-4.47E+00	-1.15E-05	-4.47E+00	-4.72E+00	-2.00E-01	0.00E+00	0.00E+00	0.00E+00	-3.29E+01
6745643504	0.00E+00	-4.51E+00	0.00E+00	-4.24E-09	-1.07E-08	-7.17E-04	-2.09E-10	-2.13E-01	0.00E+00	-4.51E+00	-1.08E-05	-4.51E+00	-4.75E+00	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
6745643507	0.00E+00	-4.50E+00	0.00E+00	-4.24E-09	-1.07E-08	-7.17E-04	-2.09E-10	-2.13E-01	0.00E+00	-4.50E+00	-1.08E-05	-4.50E+00	-4.75E+00	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
6745643513	0.00E+00	-4.50E+00	0.00E+00	-4.22E-09	-1.07E-08	-7.36E-04	-2.09E-10	-2.11E-01	0.00E+00	-4.50E+00	-9.19E-06	-4.50E+00	-4.75E+00	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-3.31E+01
6765088962	-1.52E-05	-2.24E-01	0.00E+00	1.96E-09	-5.37E-09	-3.98E-04	-2.12E-10	-2.38E-01	0.00E+00	-2.24E-01	-8.69E-06	-2.24E-01	-3.92E-01	-2.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
6765091909	0.00E+00	-8.67E-02	0.00E+00	1.80E-09	-5.57E-09	-3.51E-04	-2.12E-10	-1.36E-01	0.00E+00	-8.67E-02	-6.99E-06	-8.67E-02	-1.90E-01	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-2.35E+01
6765091913	0.00E+00	-1.26E-01	0.00E+00	1.75E-09	-5.48E-09	-3.57E-04	-2.12E-10	-1.39E-01	0.00E+00	-1.26E-01	-6.77E-06	-1.26E-01	-2.82E-01	-1.39E-01	0.00E+00	0.00E+00	0.00E+00	-2.35E+01
6765091914	-6.32E-03	-2.05E-01	0.00E+00	1.79E-09	-5.40E-09	-3.51E-04	-4.13E-06	-1.45E-01	0.00E+00	-2.05E-01	-6.77E-06	-2.05E-01	-3.64E-01	-1.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.21E+01
6765092022	-6.29E-03	-4.40E-01	0.00E+00	4.88E-10	-6.85E-09	-5.52E-04	-4.10E-06	-1.34E-01	0.00E+00	-4.40E-01	-1.06E-05	-4.40E-01	-5.99E-01	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
6765092045	0.00E+00	-7.95E-01	0.00E+00	-1.25E-09	-1.27E-08	-8.83E-04	-2.02E-10	-2.00E-01	0.00E+00	-7.95E-01	-1.33E-05	-7.95E-01	-8.71E-01	-2.00E-01	0.00E+00	0.00E+00	0.00E+00	-3.97E+01
6765092089	0.00E+00	-8.30E-01	0.00E+00	-1.43E-09	-1.28E-08	-9.37E-04	-2.02E-10	-1.89E-01	0.00E+00	-8.30E-01	-1.41E-05	-8.30E-01	-8.57E-01	-1.89E-01	0.00E+00	0.00E+00	0.00E+00	-4.18E+01
6765096013	0.00E+00	-6.99E-01	0.00E+00	-2.25E-09	-9.44E-09	-7.20E-04	-2.12E-10	-1.05E-01	0.00E+00	-6.99E-01	-1.18E-05	-6.99E-01	-7.52E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
6765096086	0.00E+00	-2.47E-01	0.00E+00	2.72E-10	-6.60E-09	-5.60E-04	-2.12E-10	-8.67E-02	0.00E+00	-2.47E-01	-1.11E-05	-2.47E-01	-3.55E-01	-8.67E-02	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
6765096089	0.00E+00	-2.47E-01	0.00E+00	2.46E-10	-7.22E-09	-5.81E-04	-2.12E-10	-8.85E-02	0.00E+00	-2.47E-01	-1.13E-05	-2.47E-01	-3.55E-01	-8.85E-02	0.00E+00	0.00E+00	0.00E+00	-2.81E+01
6765097015	-6.54E-03	-4.63E-01	0.00E+00	4.86E-10	-6.83E-09	-5.57E-04	-4.30E-06	-1.33E-01	0.00E+00	-4.63E-01	-1.05E-05	-4.63E-01	-6.10E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-2.58E+01
6765098913	0.00E+00	-3.32E-01	0.00E+00	-1.44E-10	-7.30E-09	-5.69E-04	-2.12E-10	-9.85E-02	0.00E+00	-3.32E-01	-1.14E-05	-3.32E-01	-3.96E-01	-9.85E-02	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
6765098914	0.00E+00	-2.47E-01	0.00E+00	4.08E-10	-7.07E-09	-5.35E-04	-2.12E-10	-9.88E-02	0.00E+00	-2.47E-01	-1.11E-05	-2.47E-01	-3.55E-01	-9.88E-02	0.00E+00	0.00E+00	0.00E+00	-2.64E+01
6765098915	0.00E+00	-3.39E-01	0.00E+00	-4.61E-11	-7.40E-09	-5.67E-04	-2.12E-10	-9.85E-02	0.00E+00	-3.39E-01	-1.14E-05	-3.39E-01	-4.00E-01	-9.85E-02	0.00E+00	0.00E+00	0.00E+00	-2.68E+01
6765098989	0.00E+00	-3.93E-01	0.00E+00	-3.71E-10	-7.65E-09	-6.03E-04	-2.12E-10	-8.91E-02	0.00E+00	-3.93E-01	-1.17E-05	-3.93E-01	-4.48E-01	-8.91E-02	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
6765101404	-8.11E-04	-2.40E-01	0.00E+00	7.27E-10	-6.48E-09	-4.42E-04	-5.44E-07	-3.10E-01	0.00E+00	-2.40E-01	-7.84E-06	-2.40E-01	-6.13E-01	-3.10E-01	0.00E+00	0.00E+00	0.00E+00	-3.10E+01
6765101606	-6.63E-03	-3.26E-01	0.00E+00	6.47E-10	-6.39E-09	-4.56E-04	-4.29E-06	-2.71E-01	0.00E+00	-3.26E-01	-7.84E-06	-3.26E-01	-6.48E-01	-2.71E-01	0.00E+00	0.00E+00	0.00E+00	-3.01E+01
6765101909	0.00E+00	-2.16E-01	0.00E+00	7.74E-10	-6.24E-09	-4.43E-04	-2.12E-10	-2.72E-01	0.00E+00	-2.16E-01	-7.61E-06	-2.16E-01	-6.13E-01	-2.72E-01	0.00E+00	0.00E+00	0.00E+00	-2.97E+01
6765102045	-2.77E-03	-7.38E-01	0.00E+00	4.30E-10	-8.83E-09	-7.36E-04	-1.86E-06	-2.29E-01	0.00E+00	-7.38E-01	-1.30E-05	-7.38E-01	-6.55E-01	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	-3.81E+01
6765102089	0.00E+00	-4.81E-01	0.00E+00	-2.07E-09	-1.11E-08	-7.70E-04	-2.02E-10	-2.18E-01	0.00E+00	-4.81E-01	-1.59E-05	-4.81E-01	-5.71E-01	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-4.01E+01
6765106084	-6.59E-03	-5.53E-01	0.00E+00	-6.64E-10	-8.04E-09	-6.45E-04	-4.24E-06	-2.92E-01	0.00E+00	-5.53E-01	-1.17E-05	-5.53E-01	-9.27E-01	-2.92E-01	0.00E+00	0.00E+00	0.00E+00	-3.43E+01
6765106086	-6.64E-03	-5.53E-01	0.00E+00	-6.56E-10	-8.18E-09	-6.71E-04	-4.29E-06	-2.78E-01	0.00E+00	-5.53E-01	-1.15E-05	-5.53E-01	-9.48E-01	-2.78E-01	0.00E+00	0.00E+00	0.00E+00	-3.42E+01
6765106089	0.00E+00	-3.94E-01	0.00E+00	-5.19E-10	-7.58E-09	-6.12E-04	-2.12E-10	-2.51E-01	0.00E+00	-3.94E-01	-1.12E-05	-3.94E-01	-8.61E-01	-2.51E-01	0.00E+00	0.00E+00	0.00E+00	-3.30E+01
6765107003	-8.11E-04	-4.19E-01	0.00E+00	-5.95E-10	-7.84E-09	-6.15E-04	-5.44E-07	-2.89E-01	0.00E+00	-4.19E-01	-1.14E-05	-4.19E-01	-8.61E-01	-2.89E-01	0.00E+00	0.00E+00	0.00E+00	-3.38E+01
6765107006	-8.11E-04	-5.73E-01	0.00E+00	-8.28E-10	-8.20E-09	-6.38E-04	-5.44E-07	-2.98E-01	0.00E+00	-5.73E-01	-1.14E-05	-5.73E-01	-8.71E-01	-2.98E-01	0.00E+00	0.00E+00	0.00E+00	-3.43E+01
6765107009	0.00E+00	-5.28E-01	0.00E+00	-7.81E-10	-8.06E-09	-6.32E-04	-2.12E-10	-2.61E-01	0.00E+00	-5.28E-01	-1.13E-05	-5.28E-01	-8.71E-01	-2.61E-01	0.00E+00	0.00E+00	0.00E+00	-3.27E+01
6765108982	0.00E+00	-4.19E-01	0.00E+00	-8.67E-10	-7.66E-09	-6.04E-04	-2.12E-10	-2.53E-01	0.00E+00	-4.19E-01	-1.12E-05	-4.19E-01	-8.80E-01	-2.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
6765108989	0.00E+00	-4.19E-01	0.00E+00	-8.67E-10	-7.72E-09	-6.09E-04	-2.12E-10	-2.53E-01	0.00E+00	-4.19E-01	-1.12E-05	-4.19E-01	-8.80E-01	-2.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
6765111606	-6.81E-03	-3.26E-01	0.00E+00	3.56E-10	-6.79E-09	-4.24E-04	-4.42E-06	-2.92E-01	0.00E+00	-3.26E-01	-8.41E-06	-3.26E-01	-7.22E-01	-2.92E-01	0.00E+00	0.00E+00	0.00E+00	-2.23E+01
6765116084	-6.68E-03	-1.18E+00	0.00E+00	-2.69E-09	-1.21E-08	-8.00E-04	-4.33E-06	-4.69E-01	0.00E+00	-1.18E+00	-1.29E-05	-1.18E+00	-1.52E+00	-4.69E-01	0.00E+00	0.00E+00	0.00E+00	-3.66E+01
6765116086	-6.73E-03	-5.85E-01	0.00E+00	-1.98E-09	-1.21E-08	-8.62E-04	-4.39E-06	-4.76E-01	0.00E+00	-5.85E-01	-1.30E-05	-5.85E-01	-1.34E+00	-4.76E-01	0.00E+00	0.00E+00	0.00E+00	-3.61E+01
6765116089	0.00E+00	-5.35E-01	0.00E+00	-1.98E-09	-8.10E-09	-6.08E-04	-2.12E-10	-3.38E-01	0.00E+00	-5.35E-01	-1.06E-05	-5.35E-01	-8.98E-01	-3.38E-01	0.00E+00	0.00E+00	0.00E+00	-3.02E+01
6765117006	-8.11E-04	-3.15E-01	0.00E+00	2.11E-10	-7.27E-09	-5.43E-04	-5.44E-07	-3.41E-01	0.00E+00	-3.15E-01	-1.07E-05	-3.15E-01	-6.54E-01	-3.41E-01	0.00E+00	0.00E+00	0.00E+00	-2.88E+01
6765118989	0.00E+00	-5.49E-01	0.00E+00	-2.42E-09	-8.51E-09	-4.66E-04	-2.12E-10	-3.04E-01	0.00E+00	-5.49E-01	-7.81E-06	-5.49E-01	-6.60E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-3.13E+01
6765757003	0.00E+00	-3.61E-01	0.00E+00	-1.48E-09	-8.41E-09	-6.21E-04	-2.12E-10	-1.82E-01	0.00E+00	-3.61E-01	-1.15E-05	-3.61E-01	-3.93E-01	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	-2.97E+01
6765757004	0.00E+00	-2.05E-01	0.00E+00	5.39E-10	-6.77E-09	-5.69E-04	-2.12E-10	-1.86E-01	0.00E+00	-2.05E-01	-1.09E-05	-2.05E-01	-3.55E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-2.72E+01
6765757006	0.00E+00	-4.51E-01	0.00E+00	-1.06E-09	-7.83E-09	-6.10E-04	-2.12E-10	-1.35E-01	0.00E+00	-4.51E-01	-1.05E-05	-4.51E-01	-3.87E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
6765757009	0.00E+00	-4.71E-01	0.00E+00	-1.78E-09	-8.16E-09	-6.45E-04	-2.12E-10	-1.39E-01	0.00E+00	-4.71E-01	-1.07E-05	-4.71E-01	-4.03E-01	-1.39E-01	0.00E+00	0.00E+00	0.00E+00	-2.86E+01
6765760062	-7.04E-03	-4.02E-01	0.00E+00	-7.32E-10	-6.20E-09	-3.96E-04	-4.62E-06	-1.52E-01	0.00E+00	-4.02E-01	-6.54E-06	-4.02E-01	-3.91E-01	-1.52E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
6765760063	0.00E+00	-2.68E-01	0.00E+00	-8.43E-10	-6.43E-09	-3.87E-04	-2.12E-10	-1.42E-01	0.00E+00	-2.68E-01	-6.93E-06	-2.68E-01	-2.65E-01	-1.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
6765761404	0.00E+00	-1.17E-01	0.00E+00	1.08E-09	-5.61E-09	-3.68E-04	-2.12E-10	-1.41E-01	0.00E+00	-1.17E-01	-6.85E-06	-1.17E-01	-2.13E-01	-1.41E-01	0.00E+00	0.00E+00	0.00E+00	-2.33E+01
6765761606	-6.88E-03	-2.65E-01	0.00E+00	9.91E-10	-5.31E-09	-3.68E-04	-4.48E-06	-1.43E-01	0.00E+00	-2.65E-01	-6.65E-06	-2.65E-01	-2.89E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
6765761909	0.00E+00	-2.68E-01	0.00E+00	-8.84E-10	-6.73E-09	-4.10E-04	-2.12E-10	-1.39E-01	0.00E+00	-2.68E-01	-7.28E-06	-2.68E-01	-1.99E-01	-1.39E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E+01
6765762045	0.00E+00	-3.31E-01	0.00E+00	7.91E-11	-6.78E-09	-5.44E-04	-2.12E-10	-1.13E-01	0.00E+00	-3.31E-01	-1.05E-05	-3.31E-01	-3.99E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.52E+01
6765762089	0.00E+00	-3.36E-01	0.00E+00	-2.65E-10	-6.89E-09	-5.48E-04	-2.12E-10	-1.20E-01	0.00E+00	-3.36E-01	-1.06E-05	-3.36E-01	-4.14E-01	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
6765766084	-8.11E-04	-4.43E-01	0.00E+00	-1.09E-09	-8.11E-09	-6.38E-04	-5.44E-07	-1.39E-01	0.00E+00	-4.43E-01	-1.13E-05	-4.43E-01	-4.23E-01	-1.39E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
6765766086	0.00E+00	-3.00E-01	0.00E+00	1.64E-10	-7.49E-09	-6.17E-04	-2.12E-10	-8.41E-02	0.00E+00	-3.00E-01	-1.10E-05	-3.00E-01	-3.57E-01	-8.41E-02	0.00E+00	0.00E+00	0.00E+00	-2.90E+01
6765766089	0.00E+00	-3.01E-01	0.00E+00	2.38E-10	-6.70E-09	-5.97E-04	-2.12E-10	-8.52E-02	0.00E+00	-3.01E-01	-1.09E-05	-3.01E-01	-3.39E-01	-8.52E-02	0.00E+00	0.00E+00	0.00E+00	-2.63E+01
6765768962	0.00E+00	-3.99E-01	0.00E+00	-6.92E-10	-7.46E-09	-5.71E-04	-2.12E-10	-9.60E-02	0.00E+00	-3.99E-01	-1.09E-05	-3.99E-01	-3.71E-01	-9.60E-02	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
6765768963	0.00E+00	-2.92E-01	0.00E+00	2.47E-10	-6.69E-09	-5.60E-04	-2.12E-10	-9.58E-02	0.00E+00	-2.92E-01	-1.06E-05	-2.92E-01	-3.39E-01	-9.58E-02	0.00E+00	0.00E+00	0.00E+00	-2.47E+01
6765768982	0.00E+00	-3.30E-01	0.00E+00	-6.78E-12	-7.09E-09	-5.97E-04	-2.12E-10	-8.62E-02	0.00E+00	-3.30E-01	-1.10E-05	-3.30E-01	-3.96E-01	-8.62E-02	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
6765768989	0.00E+00	-3.30E-01	0.00E+00	-6.78E-12	-7.09E-09	-5.97E-04	-2.12E-10	-8.62E-02	0.00E+00	-3.30E-01	-1.10E-05	-3.30E-01	-3.96E-01	-8.62E-02	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
6765771404	-8.11E-04	-3.96E-01	0.00E+00	7.60E-10	-6.80E-09	-5.37E-04	-5.11E-07	-2.19E-01	0.00E+00	-3.96E-01	-1.05E-05	-3.96E-01	-5.22E-01	-2.19E-01	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
6765771606	-4.23E-03	-6.72E-01	0.00E+00	-9.47E-10	-7.73E-09	-4.31E-04	-2.67E-06	-3.28E-01	0.00E+00	-6.72E-01	-8.18E-06	-6.72E-01	-6.45E-01	-3.28E-01	0.00E+00	0.00E+00	0.00E+00	-3.06E+01
6765771909	0.00E+00	-5.05E-01	0.00E+00	-1.02E-09	-7.78E-09	-4.22E-04	-2.12E-10	-3.12E-01	0.00E+00	-5.05E-01	-7.80E-06	-5.05E-01	-3.90E-01	-3.12E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
6765777103	0.00E+00	-7.07E-01	0.00E+00	-4.02E-09	-1.50E-08	-8.60E-04	-2.12E-10	-6.03E-01	0.00E+00	-7.07E-01	-1.32E-05	-7.07E-01	-1.44E+00	-6.03E-01	0.00E+00	0.00E+00	0.00E+00	-3.75E+01
6765777104	0.00E+00	-5.48E-01	0.00E+00	-2.69E-09	-1.02E-08	-6.63E-04	-2.12E-10	-3.38E-01	0.00E+00	-5.48E-01	-1.10E-05	-5.48E-01	-9.01E-01	-3.38E-01	0.00E+00	0.00E+00	0.00E+00	-3.23E+01
6765777106	0.00E+00	-4.17E-01	0.00E+00	-1.43E-09	-8.23E-09	-6.02E-04	-2.12E-10	-3.21E-01	0.00E+00	-4.17E-01	-1.09E-05	-4.17E-01	-7.01E-01	-3.21E-01	0.00E+00	0.00E+00	0.00E+00	-3.02E+01
6765777109	0.00E+00	-2.93E-01	0.00E+00	2.29E-10	-7.08E-09	-5.73E-04	-2.12E-10	-3.20E-01	0.00E+00	-2.93E-01	-1.17E-05	-2.93E-01	-5.68E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-3.12E+01
6765778982	0.00E+00	-2.92E-01	0.00E+00	1.02E-09	-6.69E-09	-5.13E-04	-2.12E-10	-2.21E-01	0.00E+00	-2.92E-01	-1.05E-05	-2.92E-01	-3.94E-01	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
6765778989	0.00E+00	-8.08E-01	0.00E+00	-1.84E-09	-1.01E-08	-7.68E-04	-2.12E-10	-3.17E-01	0.00E+00	-8.08E-01	-1.22E-05	-8.08E-01	-7.97E-01	-3.17E-01	0.00E+00	0.00E+00	0.00E+00	-3.31E+01
676579	0.00E+00	-2.61E-01	0.00E+00	2.09E-10	-7.96E-09	-6.28E-04	-2.02E-10	-6.11E-02	0.00E+00	-2.61E-01	-1.24E-05	-2.61E-01	-2.46E-01	-6.11E-02	0.00E+00	0.00E+00	0.00E+00	-3.33E+01
67657901	0.00E+00	-2.04E-01	0.00E+00	1.10E-09	-6.37E-09	-5.02E-04	-2.02E-10	-4.72E-02	0.00E+00	-2.04E-01	-1.08E-05	-2.04E-01	-2.01E-01	-4.72E-02	0.00E+00	0.00E+00	0.00E+00	-3.13E+01
6765792045	0.00E+00	-4.75E-01	0.00E+00	-9.37E-10	-8.24E-09	-5.54E-04	-2.02E-10	-1.27E-01	0.00E+00	-4.75E-01	-1.29E-05	-4.75E-01	-4.97E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-3.58E+01
6765792089	0.00E+00	-4.15E-01	0.00E+00	-4.15E-10	-8.53E-09	-5.81E-04	-2.02E-10	-1.19E-01	0.00E+00	-4.15E-01	-1.23E-05	-4.15E-01	-3.87E-01	-1.19E-01	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
6765832045	0.00E+00	-4.86E-01	0.00E+00	-4.30E-10	-1.09E-08	-6.35E-04	-2.02E-10	-2.52E-01	0.00E+00	-4.86E-01	-1.12E-05	-4.86E-01	-5.76E-01	-2.52E-01	0.00E+00	0.00E+00	0.00E+00	-3.25E+01
6765832089	0.00E+00	-3.88E-01	0.00E+00	-5.31E-11	-1.08E-08	-6.13E-04	-2.02E-10	-2.38E-01	0.00E+00	-3.88E-01	-1.12E-05	-3.88E-01	-4.73E-01	-2.38E-01	0.00E+00	0.00E+00	0.00E+00	-3.30E+01
6765836086	-6.72E-03	-5.28E-01	0.00E+00	-1.43E-09	-8.24E-09	-6.13E-04	-4.34E-06	-2.58E-01	0.00E+00	-5.28E-01	-1.14E-05	-5.28E-01	-5.41E-01	-2.58E-01	0.00E+00	0.00E+00	0.00E+00	-3.02E+01
6765836089	0.00E+00	-2.20E-01	0.00E+00	1.53E-10	-6.97E-09	-5.54E-04	-2.12E-10	-1.76E-01	0.00E+00	-2.20E-01	-1.09E-05	-2.20E-01	-3.80E-01	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
6768111606	-6.52E-03	6.56E-02	0.00E+00	2.21E-09	-5.36E-09	-3.39E-04	-4.33E-06	-2.79E-01	0.00E+00	6.56E-02	-7.65E-06	6.56E-02	-4.75E-01	-2.79E-01	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
6768116084	-6.53E-03	-3.72E-01	0.00E+00	5.66E-10	-6.99E-09	-5.51E-04	-4.31E-06	-3.02E-01	0.00E+00	-3.72E-01	-1.11E-05	-3.72E-01	-7.32E-01	-3.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.96E+01
6768116089	0.00E+00	-1.87E-01	0.00E+00	6.45E-10	-6.34E-09	-5.12E-04	-2.12E-10	-2.63E-01	0.00E+00	-1.87E-01	-1.04E-05	-1.87E-01	-6.41E-01	-2.63E-01	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
6768117006	-8.11E-04	-1.99E-01	0.00E+00	5.72E-10	-6.63E-09	-5.03E-04	-5.44E-07	-3.28E-01	0.00E+00	-1.99E-01	-1.06E-05	-1.99E-01	-6.40E-01	-3.28E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
6768118982	0.00E+00	-2.05E-02	0.00E+00	1.84E-09	-5.68E-09	-3.26E-04	-2.12E-10	-2.43E-01	0.00E+00	-2.05E-02	-7.42E-06	-2.05E-02	-4.78E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-2.57E+01
6768118989	0.00E+00	-2.05E-02	0.00E+00	1.84E-09	-5.68E-09	-3.26E-04	-2.12E-10	-2.43E-01	0.00E+00	-2.05E-02	-7.42E-06	-2.05E-02	-4.78E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-2.57E+01
6768757003	0.00E+00	-1.67E-01	0.00E+00	1.05E-09	-6.01E-09	-5.00E-04	-2.12E-10	-1.44E-01	0.00E+00	-1.67E-01	-1.07E-05	-1.67E-01	-3.27E-01	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
6768757004	0.00E+00	-1.58E-01	0.00E+00	6.91E-10	-6.37E-09	-5.23E-04	-2.12E-10	-1.76E-01	0.00E+00	-1.58E-01	-1.08E-05	-1.58E-01	-3.55E-01	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
6768757006	0.00E+00	-3.47E-01	0.00E+00	-6.72E-10	-7.24E-09	-5.91E-04	-2.12E-10	-1.33E-01	0.00E+00	-3.47E-01	-1.04E-05	-3.47E-01	-4.00E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01

6768757009	-3.12E-03	-3.42E-02	2.28E-05	-3.54E-02	0.00E+00	0.00E+00	-5.16E-01	-2.70E-04	2.37E-05	-1.57E-03	0.00E+00	0.00E+00	-5.79E-10	-3.16E-08	-6.94E-04	-7.82E-01	0.00E+00	0.00E+00	-4.84E-01	0.00E+00	-2.96E-01	0.00E+00	-3.50E-10	-6.74E-09	-5.22E-04	-2.12E-10	-1.37E-01	0.00E+00	-2.96E-01	-1.04E-05	-2.96E-01	-3.95E-01	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	-2.41E+01
6768760062	-1.62E-03	5.16E-03	3.60E-04	-1.16E-02	0.00E+00	0.00E+00	-4.60E-01	-1.85E-04	3.94E-05	-1.11E-03	0.00E+00	-1.89E-05	-2.04E-10	-2.05E-08	-2.34E-03	-8.07E-01	0.00E+00	0.00E+00	-4.80E-01	-6.67E-03	-2.07E-01	0.00E+00	1.72E-09	-5.07E-09	-3.24E-04	-4.45E-06	-1.43E-01	0.00E+00	-2.07E-01	-7.03E-06	-2.07E-01	-3.52E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.90E+01
6768760063	-4.07E-03	-8.68E-02	-1.36E-04	-1.91E-02	0.00E+00	0.00E+00	-3.58E-01	-2.56E-04	5.85E-06	-9.72E-04	0.00E+00	0.00E+00	-6.99E-10	-2.95E-08	-5.26E-03	-3.07E+00	0.00E+00	0.00E+00	-5.35E-01	0.00E+00	-1.10E-01	0.00E+00	-1.41E-09	-9.46E-09	-4.57E-04	-2.12E-10	-4.19E-01	0.00E+00	-1.10E-01	-8.20E-06	-1.10E-01	-3.13E-01	-4.19E-01	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
6768761404	-1.54E-03	5.69E-03	1.98E-04	1.22E-03	0.00E+00	0.00E+00	-4.12E-01	-2.02E-04	7.93E-05	-1.05E-03	0.00E+00	0.00E+00	-2.10E-10	-2.07E-08	-8.57E-04	-7.23E-01	0.00E+00	0.00E+00	-3.46E-01	0.00E+00	-5.98E-02	0.00E+00	1.94E-09	-4.36E-09	-3.23E-04	-2.12E-10	-1.30E-01	0.00E+00	-5.98E-02	-6.55E-06	-5.98E-02	-2.25E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
6768761606	-1.63E-03	-1.39E-03	-7.90E-06	-1.45E-02	0.00E+00	0.00E+00	-4.71E-01	-1.88E-04	2.57E-05	-1.26E-03	0.00E+00	-1.92E-05	-2.66E-10	-2.16E-08	-1.78E-03	-7.54E-01	0.00E+00	0.00E+00	-5.66E-01	-6.82E-03	-3.43E-01	0.00E+00	1.06E-09	-5.76E-09	-3.74E-04	-4.51E-06	-1.40E-01	0.00E+00	-3.43E-01	-6.72E-06	-3.43E-01	-2.62E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
6768761909	-1.66E-03	5.97E-03	1.76E-04	9.09E-04	0.00E+00	0.00E+00	-4.15E-01	-2.09E-04	7.25E-05	-1.27E-03	0.00E+00	0.00E+00	-2.18E-10	-2.05E-08	-8.61E-04	-7.42E-01	0.00E+00	0.00E+00	-4.32E-01	0.00E+00	-8.65E-02	0.00E+00	1.58E-09	-5.24E-09	-3.32E-04	-2.12E-10	-1.30E-01	0.00E+00	-8.65E-02	-6.39E-06	-8.65E-02	-2.10E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-2.04E+01
6768762045	-3.07E-03	-4.30E-02	-1.69E-04	-4.00E-02	0.00E+00	0.00E+00	-6.01E-01	-2.91E-04	-5.57E-05	-1.84E-03	0.00E+00	0.00E+00	-5.81E-10	-3.26E-08	-2.02E-03	-5.98E-01	0.00E+00	0.00E+00	-6.41E-01	0.00E+00	-4.05E-01	0.00E+00	-1.37E-09	-7.94E-09	-6.24E-04	-2.12E-10	-1.14E-01	0.00E+00	-4.05E-01	-1.12E-05	-4.05E-01	-4.21E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
6768762089	-2.95E-03	-2.91E-02	5.94E-05	-3.45E-02	0.00E+00	0.00E+00	-5.21E-01	-2.90E-04	4.48E-05	-1.56E-03	0.00E+00	0.00E+00	-4.81E-10	-3.07E-08	-1.38E-04	-5.94E-01	0.00E+00	0.00E+00	-4.74E-01	0.00E+00	-2.47E-01	0.00E+00	3.04E-10	-6.22E-09	-4.64E-04	-2.12E-10	-1.12E-01	0.00E+00	-2.47E-01	-9.66E-06	-2.47E-01	-4.00E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.40E+01
6768766012	-3.14E-03	-3.06E-02	2.58E-04	-2.95E-02	0.00E+00	0.00E+00	-5.11E-01	-2.77E-04	5.33E-06	-1.56E-03	0.00E+00	0.00E+00	-4.82E-10	-3.29E-08	-2.21E-03	-4.62E-01	0.00E+00	0.00E+00	-5.68E-01	0.00E+00	-2.52E-01	0.00E+00	5.19E-10	-6.24E-09	-5.07E-04	-2.12E-10	-7.92E-02	0.00E+00	-2.52E-01	-1.05E-05	-2.52E-01	-3.39E-01	-7.92E-02	0.00E+00	0.00E+00	0.00E+00	-2.30E+01
6768766086	-3.22E-03	-3.05E-02	-2.15E-05	-3.41E-02	0.00E+00	0.00E+00	-5.56E-01	-2.85E-04	-3.16E-05	-1.95E-03	0.00E+00	0.00E+00	-5.65E-10	-3.33E-08	-9.81E-04	-4.67E-01	0.00E+00	0.00E+00	-5.93E-01	0.00E+00	-2.87E-01	0.00E+00	3.39E-10	-6.76E-09	-6.23E-04	-2.12E-10	-8.44E-02	0.00E+00	-2.87E-01	-1.07E-05	-2.87E-01	-3.97E-01	-8.44E-02	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
6768766089	-3.08E-03	-2.65E-02	1.31E-04	-2.81E-02	0.00E+00	0.00E+00	-5.18E-01	-2.81E-04	6.62E-06	-1.62E-03	0.00E+00	0.00E+00	-4.87E-10	-3.25E-08	5.54E-04	-4.39E-01	0.00E+00	0.00E+00	-5.24E-01	0.00E+00	-2.50E-01	0.00E+00	5.10E-10	-5.88E-09	-5.42E-04	-2.12E-10	-7.97E-02	0.00E+00	-2.50E-01	-1.07E-05	-2.50E-01	-3.44E-01	-7.97E-02	0.00E+00	0.00E+00	0.00E+00	-2.42E+01
6768768962	-3.06E-03	-3.00E-02	1.82E-04	-2.87E-02	0.00E+00	0.00E+00	-5.74E-01	-2.69E-04	7.96E-06	-1.60E-03	0.00E+00	0.00E+00	-4.80E-10	-3.18E-08	-1.58E-03	-4.73E-01	0.00E+00	0.00E+00	-5.29E-01	0.00E+00	-3.25E-01	0.00E+00	-3.96E-10	-6.56E-09	-5.27E-04	-2.12E-10	-9.03E-02	0.00E+00	-3.25E-01	-1.06E-05	-3.25E-01	-3.72E-01	-9.03E-02	0.00E+00	0.00E+00	0.00E+00	-2.29E+01
6768768982	-2.97E-03	-2.81E-02	9.08E-05	-3.18E-02	0.00E+00	0.00E+00	-5.28E-01	-2.77E-04	-1.20E-07	-1.66E-03	0.00E+00	0.00E+00	-4.86E-10	-3.08E-08	4.91E-04	-4.50E-01	0.00E+00	0.00E+00	-5.29E-01	0.00E+00	-2.57E-01	0.00E+00	3.31E-10	-6.06E-09	-5.43E-04	-2.12E-10	-8.61E-02	0.00E+00	-2.57E-01	-1.06E-05	-2.57E-01	-3.72E-01	-8.61E-02	0.00E+00	0.00E+00	0.00E+00	-2.47E+01
6768768989	-1.76E-03	-3.84E-02	-1.69E-04	-3.83E-02	0.00E+00	0.00E+00	-4.79E-01	-1.96E-04	1.03E-04	-1.31E-03	0.00E+00	0.00E+00	-6.46E-10	-2.05E-08	-4.39E-04	-1.81E-01	0.00E+00	0.00E+00	-5.46E-01	0.00E+00	-4.93E-01	0.00E+00	-1.59E-09	-6.64E-09	-4.66E-04	0.00E+00	-4.93E-02	0.00E+00	-4.93E-01	-7.36E-06	-4.93E-01	-5.43E-01	-4.93E-02	0.00E+00	0.00E+00	0.00E+00	-2.36E+01
6768771404	-4.02E-03	-6.60E-02	-4.79E-04	-7.33E-02	0.00E+00	0.00E+00	-6.96E-01	-3.22E-04	-4.52E-05	-1.95E-03	0.00E+00	-2.27E-06	-5.91E-10	-3.18E-08	-5.00E-02	-1.52E+00	0.00E+00	0.00E+00	-5.87E-01	-8.11E-04	-6.67E-01	0.00E+00	-4.87E-11	-8.52E-09	-7.02E-04	-5.25E-07	-2.59E-01	0.00E+00	-6.67E-01	-1.20E-05	-6.67E-01	-7.31E-01	-2.59E-01	0.00E+00	0.00E+00	0.00E+00	-2.85E+01
6768771606	-2.02E-03	-1.57E-02	1.16E-04	-3.69E-02	0.00E+00	0.00E+00	-4.64E-01	-2.03E-04	1.19E-05	-1.26E-03	0.00E+00	-1.15E-05	-4.89E-10	-2.06E-08	-1.20E-02	-1.41E+00	0.00E+00	0.00E+00	-5.12E-01	-4.08E-03	-4.99E-01	0.00E+00	7.44E-10	-6.10E-09	-3.20E-04	-2.62E-06	-2.28E-01	0.00E+00	-4.99E-01	-7.59E-06	-4.99E-01	-4.80E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
6768771909	-1.71E-03	-8.14E-03	8.09E-05	-1.93E-02	0.00E+00	0.00E+00	-4.03E-01	-1.75E-04	2.55E-05	-1.34E-03	0.00E+00	0.00E+00	-4.16E-10	-2.18E-08	-5.55E-03	-1.48E+00	0.00E+00	0.00E+00	-5.39E-01	0.00E+00	-2.21E-01	0.00E+00	4.74E-10	-6.06E-09	-3.12E-04	-2.12E-10	-2.14E-01	0.00E+00	-2.21E-01	-7.51E-06	-2.21E-01	-2.96E-01	-2.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
6768772089	-2.98E-03	-4.27E-02	-1.35E-05	-3.30E-02	0.00E+00	0.00E+00	-5.24E-01	-2.69E-04	1.38E-05	-1.65E-03	0.00E+00	0.00E+00	-4.93E-10	-3.16E-08	2.76E-04	-1.11E+00	0.00E+00	0.00E+00	-5.60E-01	0.00E+00	-2.99E-01	0.00E+00	3.63E-10	-6.75E-09	-5.17E-04	-2.12E-10	-1.68E-01	0.00E+00	-2.99E-01	-1.07E-05	-2.99E-01	-4.01E-01	-1.68E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
6768776084	-3.65E-03	-4.05E-02	-4.71E-05	-3.96E-02	0.00E+00	0.00E+00	-5.47E-01	-2.77E-04	-2.24E-05	-1.79E-03	0.00E+00	-1.89E-05	-5.52E-10	-3.35E-08	-4.84E-02	-1.35E+00	0.00E+00	0.00E+00	-5.97E-01	-6.69E-03	-4.28E-01	0.00E+00	4.80E-10	-7.06E-09	-5.73E-04	-4.39E-06	-2.07E-01	0.00E+00	-4.28E-01	-1.11E-05	-4.28E-01	-4.69E-01	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
6768776086	-3.27E-03	-5.79E-02	-7.24E-05	-4.42E-02	0.00E+00	0.00E+00	-6.10E-01	-2.76E-04	-2.46E-05	-1.82E-03	0.00E+00	-1.88E-05	-5.66E-10	-3.38E-08	-1.43E-03	-1.43E+00	0.00E+00	0.00E+00	-6.40E-01	-6.69E-03	-4.98E-01	0.00E+00	3.69E-10	-7.57E-09	-5.66E-04	-4.38E-06	-2.27E-01	0.00E+00	-4.98E-01	-1.10E-05	-4.98E-01	-5.17E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.76E+01
6768776089	-3.09E-03	-3.05E-02	2.38E-04	-2.65E-02	0.00E+00	0.00E+00	-4.51E-01	-2.65E-04	3.66E-05	-1.55E-03	0.00E+00	0.00E+00	-4.53E-10	-3.25E-08	4.21E-04	-1.09E+00	0.00E+00	0.00E+00	-4.70E-01	0.00E+00	-1.92E-01	0.00E+00	7.40E-10	-6.13E-09	-4.92E-04	-2.12E-10	-1.42E-01	0.00E+00	-1.92E-01	-1.07E-05	-1.92E-01	-3.45E-01	-1.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.34E+01
6768777103	-3.16E-03	-6.19E-02	-1.12E-04	-4.30E-02	0.00E+00	0.00E+00	-5.14E-01	-2.63E-04	3.16E-06	-1.77E-03	0.00E+00	0.00E+00	-7.03E-10	-3.18E-08	-9.00E-04	-1.87E+00	0.00E+00	0.00E+00	-6.48E-01	0.00E+00	-2.62E-01	0.00E+00	-4.22E-10	-8.78E-09	-5.51E-04	-2.12E-10	-3.23E-01	0.00E+00	-2.62E-01	-1.06E-05	-2.62E-01	-6.41E-01	-3.23E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
6768777104	-3.37E-03	-7.45E-02	-3.83E-04	-7.17E-02	0.00E+00	0.00E+00	-6.99E-01	-2.76E-04	-4.31E-05	-2.19E-03	0.00E+00	0.00E+00	-7.48E-10	-3.29E-08	-3.77E-03	-1.95E+00	0.00E+00	0.00E+00	-7.44E-01	0.00E+00	-5.21E-01	0.00E+00	-2.90E-09	-9.66E-09	-6.28E-04	-2.12E-10	-3.44E-01	0.00E+00	-5.21E-01	-1.09E-05	-5.21E-01	-8.36E-01	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
6768777106	-3.07E-03	-4.53E-02	1.93E-04	-3.51E-02	0.00E+00	0.00E+00	-4.48E-01	-2.59E-04	3.17E-05	-1.60E-03	0.00E+00	0.00E+00	-4.70E-10	-3.18E-08	1.78E-04	-1.78E+00	0.00E+00	0.00E+00	-5.24E-01	0.00E+00	-1.88E-01	0.00E+00	5.92E-10	-6.50E-09	-4.83E-04	-2.12E-10	-2.94E-01	0.00E+00	-1.88E-01	-1.05E-05	-1.88E-01	-5.31E-01	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-2.51E+01
6768777109	-3.06E-03	-4.53E-02	2.06E-04	-3.51E-02	0.00E+00	0.00E+00	-4.48E-01	-2.59E-04	3.28E-05	-1.60E-03	0.00E+00	0.00E+00	-4.70E-10	-3.18E-08	1.78E-04	-1.77E+00	0.00E+00	0.00E+00	-5.12E-01	0.00E+00	-1.88E-01	0.00E+00	6.63E-10	-6.47E-09	-4.76E-04	-2.12E-10	-2.71E-01	0.00E+00	-1.88E-01	-1.05E-05	-1.88E-01	-5.31E-01	-2.71E-01	0.00E+00	0.00E+00	0.00E+00	-2.47E+01
6768778982	-3.10E-03	-2.30E-02	2.90E-04	-2.17E-02	0.00E+00	0.00E+00	-4.70E-01	-2.65E-04	2.05E-05	-1.56E-03	0.00E+00	0.00E+00	-4.26E-10	-3.08E-08	-1.16E-05	-1.33E+00	0.00E+00	0.00E+00	-4.19E-01	0.00E+00	-2.24E-01	0.00E+00	1.31E-09	-5.98E-09	-4.81E-04	-2.12E-10	-2.06E-01	0.00E+00	-2.24E-01	-1.05E-05	-2.24E-01	-3.77E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.30E+01
6768778989	-3.39E-03	-4.89E-02	-2.87E-04	-5.33E-02	0.00E+00	0.00E+00	-6.41E-01	-2.72E-04	-4.75E-05	-1.80E-03	0.00E+00	0.00E+00	-5.84E-10	-3.23E-08	-5.68E-03	-1.45E+00	0.00E+00	0.00E+00	-5.84E-01	0.00E+00	-5.97E-01	0.00E+00	-3.20E-11	-7.96E-09	-6.49E-04	-2.12E-10	-2.19E-01	0.00E+00	-5.97E-01	-1.11E-05	-5.97E-01	-6.03E-01	-2.19E-01	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
676879	-4.53E-03	-8.27E-03	5.38E-05	-8.33E-03	0.00E+00	0.00E+00	-8.67E-01	-4.64E-04	-1.57E-04	-2.38E-03	0.00E+00	0.00E+00	-5.30E-10	-5.35E-08	7.02E-04	-3.46E-01	0.00E+00	0.00E+00	-6.94E-01	0.00E+00	-2.89E-02	0.00E+00	7.43E-10	-7.49E-09	-6.78E-04	0.00E+00	-5.72E-02	0.00E+00	-2.89E-02	-1.46E-05	-2.89E-02	-8.62E-02	-5.72E-02	0.00E+00	0.00E+00	0.00E+00	-3.12E+01
67687901	-3.24E-03	-4.08E-02	-6.09E-04	-4.02E-02	0.00E+00	0.00E+00	-8.29E-01	-3.33E-04	-4.00E-05	-2.04E-03	0.00E+00	0.00E+00	-7.03E-10	-3.72E-08	-7.59E-04	-3.24E-01	0.00E+00	0.00E+00	-7.76E-01	0.00E+00	-5.16E-01	0.00E+00	-1.89E-09	-8.44E-09	-6.48E-04	0.00E+00	-7.77E-02	0.00E+00	-5.16E-01	-1.12E-05	-5.16E-01	-5.94E-01	-7.77E-02	0.00E+00	0.00E+00	0.00E+00	-3.32E+01
6768792045	-3.22E-03	-3.86E-03	-1.27E-04	-8.72E-03	0.00E+00	0.00E+00	-8.45E-01	-3.70E-04	-4.44E-05	-1.61E-03	0.00E+00	-4.58E-10	-4.79E-10	-4.04E-08	-6.39E-02	-6.26E-01	0.00E+00	0.00E+00	-5.73E-01	0.00E+00	-1.49E-01	0.00E+00	1.63E-10	-5.40E-09	-5.78E-04	-2.02E-10	-1.10E-01	0.00E+00	-1.49E-01	-1.09E-05	-1.49E-01	-3.27E-01	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.57E+01
6768792089	-3.48E-03	-2.83E-02	-2.39E-04	-3.12E-02	0.00E+00	0.00E+00	-8.14E-01	-3.67E-04	-1.03E-04	-1.71E-03	0.00E+00	-4.58E-10	-4.72E-10	-4.09E-08	-6.82E-02	-6.50E-01	0.00E+00	0.00E+00	-5.84E-01	0.00E+00	-2.75E-01	0.00E+00	3.26E-10	-5.87E-09	-5.53E-04	-2.02E-10	-1.02E-01	0.00E+00	-2.75E-01	-1.14E-05	-2.75E-01	-3.87E-01	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.72E+01
6768803512	-2.75E-03	-4.79E-02	-7.49E-04	-4.38E-02	0.00E+00	0.00E+00	-7.57E-01	-2.41E-04	-7.53E-05	-1.49E-03	0.00E+00	-4.65E-10	-4.55E-10	-2.63E-08	-5.29E-01	-8.11E-01	0.00E+00	0.00E+00	-5.04E-01	0.00E+00	-1.61E+00	0.00E+00	-8.03E-10	-5.38E-09	-4.43E-04	-2.09E-10	-1.38E-01	0.00E+00	-1.61E+00	-9.87E-06	-1.61E+00	-1.67E+00	-1.38E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
6768803515	-4.72E-03	-3.91E-02	-1.02E-03	-3.81E-02	0.00E+00	0.00E+00	-1.15E+00	-4.67E-04	-2.03E-04	-2.62E-03	0.00E+00	0.00E+00	-7.57E-10	-5.47E-08	4.78E-04	-1.05E+00	0.00E+00	0.00E+00	-1.09E+00	0.00E+00	-2.44E-01	0.00E+00	5.95E-11	-9.40E-09	-7.60E-04	0.00E+00	-1.96E-01	0.00E+00	-2.44E-01	-1.60E-05	-2.44E-01	-4.40E-01	-1.96E-01	0.00E+00	0.00E+00	0.00E+00	-4.79E+01
6768803522	-3.05E-03	-5.65E-02	-4.08E-04	-5.52E-02	0.00E+00	0.00E+00	-3.26E-01	-2.62E-04	-7.47E-05	-9.43E-04	0.00E+00	-4.65E-10	-4.32E-10	-2.28E-08	-9.51E-02	-4.54E+00	0.00E+00	0.00E+00	-6.36E-01	0.00E+00	-4.67E-01	0.00E+00	-1.57E-09	-5.81E-09	-2.50E-04	-2.09E-10	-5.30E-01	0.00E+00	-4.67E-01	-6.36E-06	-4.67E-01	-8.21E-01	-5.30E-01	0.00E+00	0.00E+00	0.00E+00	-2.07E+01
6768803525	-3.05E-03	-5.83E-02	-4.84E-04	-5.75E-02	0.00E+00	0.00E+00	-4.04E-01	-2.62E-04	-7.67E-05	-1.09E-03	0.00E+00	-4.65E-10	-4.97E-10	-2.28E-08	-9.51E-02	-4.53E+00	0.00E+00	0.00E+00	-6.79E-01	0.00E+00	-7.07E-01	0.00E+00	-1.80E-09	-7.71E-09	-2.99E-04	-2.09E-10	-5.32E-01	0.00E+00	-7.07E-01	-6.36E-06	-7.07E-01	-8.79E-01	-5.32E-01	0.00E+00	0.00E+00	0.00E+00	-2.17E+01
6768813512	-4.16E-03	-1.49E-01	-4.52E-03	-1.41E-01	0.00E+00	0.00E+00	-1.39E+00	-2.73E-04	-1.63E-04	-2.19E-03	0.00E+00	-4.65E-10	-6.38E-10	-3.17E-08	-1.64E+00	-1.13E+00	0.00E+00	0.00E+00	-8.54E-01	0.00E+00	-4.50E+00	0.00E+00	-4.33E-09	-1.06E-08	-7.42E-04	-2.09E-10	-1.98E-01	0.00E+00	-4.50E+00	-9.50E-06	-4.50E+00	-4.76E+00	-1.98E-01	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
6768813515	-1.24E-03	7.96E-02	2.25E-03	7.73E-02	0.00E+00	0.00E+00	-1.02E-01	-1.80E-04	1.92E-04	-2.36E-05	0.00E+00	0.00E+00	-1.18E-10	-1.86E-08	6.53E-03	-4.42E-01	0.00E+00	0.00E+00	1.09E-01	0.00E+00	1.11E+00	0.00E+00	1.03E-08	5.41E-10	-1.22E-05	0.00E+00	-1.40E-02	0.00E+00	1.11E+00	-7.22E-06	1.11E+00	1.09E+00	-1.40E-02	0.00E+00	0.00E+00	0.00E+00	-1.09E+00
6768813522	-4.13E-03	-1.53E-01	-4.48E-03	-1.43E-01	0.00E+00	0.00E+00	-1.35E+00	-2.72E-04	-1.52E-04	-2.17E-03	0.00E+00	-4.65E-10	-6.29E-10	-3.05E-08	-1.64E+00	-1.44E+00	0.00E+00	0.00E+00	-8.60E-01	0.00E+00	-4.59E+00	0.00E+00	-4.23E-09	-1.06E-08	-7.18E-04	-2.09E-10	-2.41E-01	0.00E+00	-4.59E+00	-9.53E-06	-4.59E+00	-4.83E+00	-2.41E-01	0.00E+00	0.00E+00	0.00E+00	-3.38E+01
6768813525	-4.63E-03	-1.52E-01	-4.48E-03	-1.44E-01	0.00E+00	0.00E+00	-1.33E+00	-2.37E-04	-2.12E-04	-2.60E-03	0.00E+00	-4.65E-10	-6.96E-10	-2.64E-08	-1.63E+00	-1.44E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-4.50E+00	0.00E+00	-5.07E-09	-1.24E-08	-8.46E-04	-2.09E-10	-2.97E-01	0.00E+00	-4.50E+00	-1.06E-05	-4.50E+00	-4.73E+00	-2.97E-01	0.00E+00	0.00E+00	0.00E+00	-3.63E+01
6768823512	-9.72E-03	-2.65E-01	-7.10E-03	-2.58E-01	0.00E+00	0.00E+00	-3.12E+00	-7.30E-04	-5.07E-04	-6.18E-03	0.00E+00	-4.65E-10	-9.79E-10	-9.09E-08	-3.11E+00	-2.19E+00	0.00E+00	0.00E+00	-1.22E+00	0.00E+00	-8.18E+00	0.00E+00	-8.89E-09	-2.32E-08	-1.58E-03	-2.09E-10	-4.22E-01	0.00E+00	-8.18E+00	-2.95E-05	-8.18E+00	-8.65E+00	-4.22E-01	0.00E+00	0.00E+00	0.00E+00	-7.49E+01
6768823515	-9.11E-03	-2.32E-01	-7.96E-03	-2.24E-01	0.00E+00	0.00E+00	-3.35E+00	-8.66E-04	-4.39E-04	-6.09E-03	0.00E+00	-1.00E-15	-1.35E-09	-1.01E-07	-3.17E+00	-9.24E-01	0.00E+00	0.00E+00	-1.99E+00	-2.00E-15	-8.06E+00	0.00E+00	-6.65E-09	-2.29E-08	-1.93E-03	0.00E+00	-2.91E-01	0.00E+00	-8.06E+00	-2.74E-05	-8.06E+00	-8.35E+00	-2.91E-01	0.00E+00	0.00E+00	0.00E+00	-8.53E+01
6768823522	-1.02E-02	-2.66E-01	-7.21E-03	-2.59E-01	0.00E+00	0.00E+00	-3.06E+00	-7.11E-04	-5.07E-04	-6.16E-03	0.00E+00	-4.65E-10	-9.81E-10	-9.04E-08	-3.13E+00	-2.09E+00	0.00E+00	0.00E+00	-1.29E+00	0.00E+00	-8.24E+00	0.00E+00	-8.87E-09	-2.29E-08	-1.55E-03	-2.09E-10	-4.07E-01	0.00E+00	-8.24E+00	-2.94E-05	-8.24E+00	-8.74E+00	-4.07E-01	0.00E+00	0.00E+00	0.00E+00	-7.53E+01
6768823525	-2.89E-03	-1.96E-01	-5.67E-03	-1.91E-01	0.00E+00	0.00E+00	-1.76E+00	-2.92E-04	1.81E-04	-2.83E-03	0.00E+00	-1.00E-15	-6.08E-10	-3.01E-08	-3.11E+00	-1.25E+00	0.00E+00	0.00E+00	-7.49E-01	-2.00E-15	-7.43E+00	0.00E+00	-3.83E-09	-1.20E-08	-9.77E-04	0.00E+00	-2.83E-01	0.00E+00	-7.43E+00	-1.09E-05	-7.43E+00	-7.71E+00	-2.83E-01	0.00E+00	0.00E+00	0.00E+00	-3.29E+01
6768833512	-1.24E-02	-2.67E-01	-1.05E-02	-3.40E-01	0.00E+00	0.00E+00	-4.12E+00	-5.82E-04	-5.80E-04	-7.90E-03	0.00E+00	0.00E+00	-1.93E-09	-6.83E-08	-4.17E+00	-5.04E+00	0.00E+00	0.00E+00	-2.32E+00	0.00E+00	-1.04E+01	0.00E+00	-5.69E-09	-3.09E-08	-2.59E-03	-2.12E-10	-9.43E-01	0.00E+00	-1.04E+01	-3.75E-05	-1.04E+01	-1.07E+01	-9.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
6768833515	-1.24E-02	-2.67E-01	-1.05E-02	-3.40E-01	0.00E+00	0.00E+00	-4.12E+00	-5.82E-04	-5.80E-04	-7.90E-03	0.00E+00	0.00E+00	-1.93E-09	-6.83E-08	-4.15E+00	-5.04E+00	0.00E+00	0.00E+00	-2.32E+00	0.00E+00	-1.04E+01	0.00E+00	-5.69E-09	-3.09E-08	-2.59E-03	-2.12E-10	-9.43E-01	0.00E+00	-1.04E+01	-3.48E-05	-1.04E+01	-1.07E+01	-9.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
714134	-4.64E-03	-9.31E-02	-1.76E-03	-9.14E-02	0.00E+00	0.00E+00	-1.25E+00	-4.40E-04	-2.46E-04	-3.12E-03	0.00E+00	0.00E+00	-1.02E-09	-5.11E-08	-3.83E-02	-5.00E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-1.05E+00	0.00E+00	-4.65E-09	-1.30E-08	-9.90E-04	0.00E+00	-1.28E-01	0.00E+00	-1.05E+00	-1.68E-05	-1.05E+00	-1.18E+00	-1.28E-01	0.00E+00	0.00E+00	0.00E+00	-4.97E+01
7341231404	-3.10E-03	-3.95E-02	-4.61E-04	-4.51E-02	0.00E+00	0.00E+00	-5.78E-01	-2.76E-04	-1.35E-05	-1.47E-03	0.00E+00	0.00E+00	-5.73E-10	-2.88E-08	-1.05E-02	-6.05E-01	0.00E+00	0.00E+00	-4.99E-01	0.00E+00	-4.72E-01	0.00E+00	-8.54E-10	-6.25E-09	-5.26E-04	-2.12E-10	-1.13E-01	0.00E+00	-4.72E-01	-9.72E-06	-4.72E-01	-4.87E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
7341231606	-7.09E-03	-1.19E-01	-2.11E-03	-1.17E-01	0.00E+00	0.00E+00	-1.44E+00	-4.33E-04	-2.57E-04	-3.22E-03	0.00E+00	-1.88E-05	-1.04E-09	-5.04E-08	-5.93E-03	-1.13E+00	0.00E+00	0.00E+00	-1.18E+00	-6.71E-03	-1.42E+00	0.00E+00	-4.79E-09	-1.35E-08	-1.02E-03	-4.42E-06	-2.28E-01	0.00E+00	-1.42E+00	-1.64E-05	-1.42E+00	-1.65E+00	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-5.00E+01
7341231909	-7.02E-03	-9.76E-02	-1.70E-03	-9.59E-02	0.00E+00	0.00E+00	-1.22E+00	-4.32E-04	-2.44E-04	-3.08E-03	0.00E+00	0.00E+00	-1.03E-09	-5.02E-08	-2.03E-03	-8.41E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-9.82E-01	0.00E+00	-4.72E-09	-1.31E-08	-9.82E-04	0.00E+00	-1.78E-01	0.00E+00	-9.82E-01	-1.64E-05	-9.82E-01	-1.16E+00	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-4.96E+01
7341231914	-7.10E-03	-1.23E-01	-2.20E-03	-1.21E-01	0.00E+00	0.00E+00	-1.49E+00	-4.33E-04	-2.60E-04	-3.25E-03	0.00E+00	-2.27E-05	-1.04E-09	-5.04E-08	-6.74E-03	-1.19E+00	0.00E+00	0.00E+00	-1.18E+00	-8.09E-03	-1.51E+00	0.00E+00	-4.81E-09	-1.36E-08	-1.03E-03	-5.33E-06	-2.39E-01	0.00E+00	-1.51E+00	-1.64E-05	-1.51E+00	-1.75E+00	-2.39E-01	0.00E+00	0.00E+00	0.00E+00	-5.01E+01
7341232045	-3.11E-03	-4.58E-02	-3.72E-04	-4.05E-02	0.00E+00	0.00E+00	-5.90E-01	-2.96E-04	-4.34E-05	-1.91E-03	0.00E+00	0.00E+00	-5.77E-10	-3.22E-08	-3.38E-03	-6.25E-01	0.00E+00	0.00E+00	-6.95E-01	0.00E+00	-4.72E-01	0.00E+00	-4.38E-10	-7.65E-09	-5.76E-04	-2.12E-10	-1.14E-01	0.00E+00	-4.72E-01	-1.08E-05	-4.72E-01	-4.50E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
7341232089	-7.02E-03	-9.76E-02	-1.70E-03	-9.59E-02	0.00E+00	0.00E+00	-1.22E+00	-4.32E-04	-2.44E-04	-3.08E-03	0.00E+00	0.00E+00	-1.03E-09	-5.02E-08	-2.03E-03	-8.41E-01	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-9.82E-01	0.00E+00	-4.72E-09	-1.31E-08	-9.82E-04	0.00E+00	-1.78E-01	0.00E+00	-9.82E-01	-1.64E-05	-9.82E-01	-1.16E+00	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-4.96E+01
7341236014	-4.01E-03	-9.07E-02	-1.52E-03	-8.92E-02	0.00E+00	0.00E+00	-1.09E+00	-3.83E-04	-1.87E-04	-2.78E-03	0.00E+00	0.00E+00	-9.65E-10	-4.41E-08	-3.81E-02	-5.77E-01	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	-9.92E-01	0.00E+00	-4.26E-09	-1.19E-08	-8.98E-04	0.00E+00	-1.35E-01	0.00E+00	-9.92E-01	-1.47E-05	-9.92E-01	-1.13E+00	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-4.48E+01
7341236084	-3.71E-03	-3.91E-02	-2.08E-04	-3.32E-02	0.00E+00	0.00E+00	-5.58E-01	-2.94E-04	-2.19E-05	-2.06E-03	0.00E+00	-2.27E-06	-5.81E-10	-3.33E-08	-6.18E-02	-6.73E-01	0.00E+00	0.00E+00	-5.94E-01	-8.11E-04	-3.37E-01	0.00E+00	-2.73E-10	-7.38E-09	-6.20E-04	-5.44E-07	-1.21E-01	0.00E+00	-3.37E-01	-1.12E-05	-3.37E-01	-3.51E-01	-1.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
7341236086	-4.33E-03	-8.01E-03	2.04E-04	-8.21E-03	0.00E+00	0.00E+00	-6.96E-01	-4.34E-04	-1.77E-04	-2.32E-03	0.00E+00	0.00E+00	-4.73E-10	-5.00E-08	-3.54E-02	-3.52E-01	0.00E+00	0.00E+00	-5.79E-01	0.00E+00	-3.22E-02	0.00E+00	1.20E-09	-7.08E-09	-6.57E-04	0.00E+00	-4.54E-02	0.00E+00	-3.22E-02	-1.62E-05	-3.22E-02	-7.76E-02	-4.54E-02	0.00E+00	0.00E+00	0.00E+00	-2.63E+01
7341236089	-1.61E-03	-6.12E-02	-4.47E-04	-6.07E-02	0.00E+00	0.00E+00	-4.58E-01	-1.66E-04	6.84E-05	-1.44E-03	0.00E+00	0.00E+00	-6.82E-10	-1.71E-08	-7.95E-04	-3.55E-01	0.00E+00	0.00E+00	-5.67E-01	0.00E+00	-6.15E-01	0.00E+00	-2.30E-09	-7.28E-09	-5.05E-04	0.00E+00	-7.63E-02	0.00E+00	-6.15E-01	-9.00E-06	-6.15E-01	-6.92E-01	-7.63E-02	0.00E+00	0.00E+00	0.00E+00	-2.40E+01
7341238982	-2.99E-03	-3.85E-02	-4.11E-04	-4.52E-02	0.00E+00	0.00E+00	-5.61E-01	-2.92E-04	-3.42E-05	-1.70E-03	0.00E+00	0.00E+00	-5.79E-10	-3.10E-08	-1.34E-02	-3.84E-01	0.00E+00	0.00E+00	-6.30E-01	0.00E+00	-3.98E-01	0.00E+00	-7.56E-10	-7.12E-09	-6.02E-04	-2.12E-10	-7.36E-02	0.00E+00	-3.98E-01	-1.08E-05	-3.98E-01	-4.30E-01	-7.36E-02	0.00E+00	0.00E+00	0.00E+00	-2.74E+01
7341238989	-1.63E-03	-6.58E-02	-5.81E-04	-6.52E-02	0.00E+00	0.00E+00	-4.75E-01	-1.66E-04	6.35E-05	-1.49E-03	0.00E+00	0.00E+00	-6.83E-10	-1.72E-08	-3.73E-02	-2.22E-01	0.00E+00	0.00E+00	-5.69E-01	0.00E+00	-7.16E-01	0.00E+00	-2.55E-09	-7.36E-09	-5.20E-04	0.00E+00	-5.83E-02	0.00E+00	-7.16E-01	-9.00E-06	-7.16E-01	-7.75E-01	-5.83E-02	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
7341251404	-5.36E-03	-6.37E-02	-7.39E-04	-8.29E-02	0.00E+00	0.00E+00	-6.94E-01	-3.46E-04	-1.07E-04	-2.12E-03	0.00E+00	-2.27E-06	-8.49E-10	-3.91E-08	-5.26E-02	-2.26E+00	0.00E+00	0.00E+00	-7.49E-01	-8.11E-04	-4.64E-01	0.00E+00	-1.98E-09	-1.12E-08	-8.59E-04	-5.44E-07	-3.81E-01	0.00E+00	-4.64E-01	-1.24E-05	-4.64E-01	-1.09E+00	-3.81E-01	0.00E+00	0.00E+00	0.00E+00	-3.41E+01
7341251606	-7.11E-03	-1.39E-01	-2.13E-03	-1.37E-01	0.00E+00	0.00E+00	-1.43E+00	-4.33E-04	-2.61E-04	-3.28E-03	0.00E+00	-1.67E-05	-1.05E-09	-5.04E-08	-5.66E-03	-2.57E+00	0.00E+00	0.00E+00	-1.20E+00	-5.98E-03	-1.42E+00	0.00E+00	-5.12E-09	-1.43E-08	-1.04E-03	-3.94E-06	-4.39E-01	0.00E+00	-1.42E+00	-1.64E-05	-1.42E+00	-1.86E+00	-4.39E-01	0.00E+00	0.00E+00	0.00E+00	-5.06E+01
7341251909	-5.01E-03	-8.74E-02	-1.07E-03	-9.14E-02	0.00E+00	0.00E+00	-7.61E-01	-3.05E-04	-1.33E-04	-2.38E-03	0.00E+00	0.00E+00	-8.82E-10	-3.53E-08	-1.13E-02	-1.87E+00	0.00E+00	0.00E+00	-8.50E-01	0.00E+00	-8.47E-01	0.00E+00	-3.24E-09	-1.07E-08	-8.17E-04	-2.12E-10	-3.27E-01	0.00E+00	-8.47E-01	-1.24E-05	-8.47E-01	-1.05E+00	-3.27E-01	0.00E+00	0.00E+00	0.00E+00	-3.44E+01
7341258982	-3.24E-03	-4.15E-02	-3.96E-04	-3.92E-02	0.00E+00	0.00E+00	-5.45E-01	-2.78E-04	-4.29E-05	-1.88E-03	0.00E+00	0.00E+00	-5.28E-10	-3.08E-08	-4.28E-03	-1.65E+00	0.00E+00	0.00E+00	-5.97E-01	0.00E+00	-4.45E-01	0.00E+00	-5.00E-10	-7.19E-09	-5.56E-04	-2.12E-10	-2.58E-01	0.00E+00	-4.45E-01	-1.08E-05	-4.45E-01	-5.71E-01	-2.58E-01	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
7341258989	-7.05E-03	-1.20E-01	-1.76E-03	-1.19E-01	0.00E+00	0.00E+00	-1.23E+00	-4.33E-04	-2.49E-04	-3.15E-03	0.00E+00	0.00E+00	-1.04E-09	-5.03E-08	-2.18E-03	-2.32E+00	0.00E+00	0.00E+00	-1.20E+00	0.00E+00	-1.03E+00	0.00E+00	-5.05E-09	-1.39E-08	-1.00E-03	0.00E+00	-3.94E-01	0.00E+00	-1.03E+00	-1.64E-05	-1.03E+00	-1.42E+00	-3.94E-01	0.00E+00	0.00E+00	0.00E+00	-5.02E+01
7341357003	-2.74E-03	-3.13E-02	4.83E-05	-2.58E-02	0.00E+00	0.00E+00	-4.02E-01	-2.13E-04	2.80E-05	-1.03E-03	0.00E+00	0.00E+00	-3.78E-10	-2.51E-08	-4.35E-03	-1.06E+00	0.00E+00	0.00E+00	-2.71E-01	0.00E+00	-2.51E-01	0.00E+00	2.90E-10	-3.81E-09	-3.29E-04	-2.12E-10	-1.66E-01	0.00E+00	-2.51E-01	-7.73E-06	-2.51E-01	-3.68E-01	-1.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
7341357004	-3.25E-03	-4.85E-02	8.62E-05	-3.08E-02	0.00E+00	0.00E+00	-5.07E-01	-2.84E-04	-3.42E-05	-1.84E-03	0.00E+00	0.00E+00	-5.24E-10	-3.32E-08	-1.85E-03	-1.31E+00	0.00E+00	0.00E+00	-5.92E-01	0.00E+00	-2.58E-01	0.00E+00	1.14E-10	-6.93E-09	-5.78E-04	-2.12E-10	-1.92E-01	0.00E+00	-2.58E-01	-1.11E-05	-2.58E-01	-3.75E-01	-1.92E-01	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
7341357006	-4.76E-03	-9.46E-02	-1.75E-03	-9.29E-02	0.00E+00	0.00E+00	-1.27E+00	-4.53E-04	-2.51E-04	-3.18E-03	0.00E+00	0.00E+00	-1.06E-09	-5.26E-08	-3.82E-02	-6.45E-01	0.00E+00	0.00E+00	-1.20E+00	0.00E+00	-1.03E+00	0.00E+00	-4.40E-09	-1.32E-08	-1.01E-03	0.00E+00	-1.50E-01	0.00E+00	-1.03E+00	-1.73E-05	-1.03E+00	-1.18E+00	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-5.07E+01
7341357009	1.06E-04	-5.15E-02	2.93E-04	-5.18E-02	0.00E+00	0.00E+00	-3.35E-02	-1.84E-05	2.45E-04	-4.75E-04	0.00E+00	0.00E+00	-4.86E-10	1.36E-09	-3.63E-02	-3.53E-01	0.00E+00	0.00E+00	-2.09E-01	0.00E+00	-4.74E-01	0.00E+00	-1.02E-09	-3.97E-09	-2.31E-04	0.00E+00	-6.23E-02	0.00E+00	-4.74E-01	-9.87E-07	-4.74E-01	-5.36E-01	-6.23E-02	0.00E+00	0.00E+00	0.00E+00	-9.35E+00
7341357014	-3.32E-03	-4.32E-02	-2.54E-04	-5.60E-02	0.00E+00	0.00E+00	-6.60E-01	-2.87E-04	-7.27E-05	-1.81E-03	0.00E+00	-2.06E-05	-6.64E-10	-3.27E-08	-6.48E-03	-8.14E-01	0.00E+00	0.00E+00	-7.15E-01	-7.36E-03	-6.20E-01	0.00E+00	-1.54E-09	-7.80E-09	-5.82E-04	-4.87E-06	-1.51E-01	0.00E+00	-6.20E-01	-1.04E-05	-6.20E-01	-6.75E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+01
7341393505	-8.93E-03	-1.33E-01	-4.00E-03	-1.60E-01	0.00E+00	0.00E+00	-1.98E+00	-7.15E-04	-2.17E-04	-4.32E-03	0.00E+00	0.00E+00	-1.07E-09	-7.59E-08	-1.73E+00	-2.05E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-3.84E+00	0.00E+00	-4.76E-09	-1.56E-08	-1.31E-03	-2.12E-10	-3.52E-01	0.00E+00	-3.84E+00	-2.35E-05	-3.84E+00	-4.36E+00	-3.52E-01	0.00E+00	0.00E+00	0.00E+00	-5.69E+01
7341403533	-3.70E-03	-1.48E-01	-4.49E-03	-1.42E-01	0.00E+00	0.00E+00	-1.28E+00	-2.62E-04	-1.58E-04	-2.14E-03	0.00E+00	-4.65E-10	-6.35E-10	-3.07E-08	-1.64E+00	-1.07E+00	0.00E+00	0.00E+00	-8.53E-01	0.00E+00	-4.50E+00	0.00E+00	-4.24E-09	-1.07E-08	-7.35E-04	-2.09E-10	-2.04E-01	0.00E+00	-4.50E+00	-8.83E-06	-4.50E+00	-4.75E+00	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-3.27E+01
7341413515	-5.43E-03	-1.28E-01	-3.93E-03	-1.35E-01	0.00E+00	0.00E+00	-1.49E+00	-4.15E-04	-1.38E-04	-3.07E-03	0.00E+00	0.00E+00	-7.93E-10	-4.33E-08	-1.74E+00	-1.70E+00	0.00E+00	0.00E+00	-1.05E+00	0.00E+00	-3.84E+00	0.00E+00	-3.11E-09	-1.20E-08	-1.00E-03	-2.12E-10	-2.85E-01	0.00E+00	-3.84E+00	-1.40E-05	-3.84E+00	-4.08E+00	-2.85E-01	0.00E+00	0.00E+00	0.00E+00	-4.12E+01
7341441909	-3.33E-03	-4.63E-02	-3.94E-04	-4.12E-02	0.00E+00	0.00E+00	-5.33E-01	-2.83E-04	-4.47E-05	-1.90E-03	0.00E+00	0.00E+00	-5.21E-10	-3.14E-08	-1.36E-02	-1.66E+00	0.00E+00	0.00E+00	-6.67E-01	0.00E+00	-3.98E-01	0.00E+00	-5.65E-10	-7.27E-09	-5.39E-04	-2.12E-10	-2.48E-01	0.00E+00	-3.98E-01	-1.07E-05	-3.98E-01	-5.17E-01	-2.48E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
7341442045	-2.34E-03	-2.38E-02	4.79E-04	-2.21E-02	0.00E+00	0.00E+00	-7.85E-01	-1.64E-04	-4.21E-05	-2.17E-03	0.00E+00	-4.65E-10	-4.48E-10	-2.22E-08	-4.65E-02	-5.80E-01	0.00E+00	0.00E+00	-5.88E-01	0.00E+00	-2.35E-01	0.00E+00	2.34E-10	-8.15E-09	-4.16E-04	-2.09E-10	-9.67E-02	0.00E+00	-2.35E-01	-1.06E-05	-2.35E-01	-2.87E-01	-9.67E-02	0.00E+00	0.00E+00	0.00E+00	-3.11E+01
7341448989	-3.30E-03	-4.63E-02	-3.76E-04	-4.12E-02	0.00E+00	0.00E+00	-5.33E-01	-2.80E-04	-4.45E-05	-1.90E-03	0.00E+00	0.00E+00	-5.18E-10	-3.12E-08	-1.20E-02	-1.70E+00	0.00E+00	0.00E+00	-6.69E-01	0.00E+00	-3.94E-01	0.00E+00	-4.84E-10	-7.25E-09	-5.42E-04	-2.12E-10	-2.51E-01	0.00E+00	-3.94E-01	-1.07E-05	-3.94E-01	-5.17E-01	-2.51E-01	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
7341512045	-4.74E-03	-5.38E-02	-5.15E-04	-7.58E-02	0.00E+00	0.00E+00	-7.19E-01	-3.40E-04	-6.32E-05	-1.87E-03	0.00E+00	0.00E+00	-7.66E-10	-3.87E-08	-8.35E-03	-1.53E+00	0.00E+00	0.00E+00	-7.12E-01	0.00E+00	-3.22E-01	0.00E+00	-8.49E-10	-1.01E-08	-8.16E-04	-2.12E-10	-2.75E-01	0.00E+00	-3.22E-01	-1.24E-05	-3.22E-01	-8.93E-01	-2.75E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
7341512089	-3.10E-03	-4.22E-02	-3.15E-04	-4.29E-02	0.00E+00	0.00E+00	-5.24E-01	-2.92E-04	-4.32E-05	-1.90E-03	0.00E+00	0.00E+00	-5.47E-10	-3.19E-08	-6.50E-03	-1.24E+00	0.00E+00	0.00E+00	-6.62E-01	0.00E+00	-3.68E-01	0.00E+00	-4.92E-10	-7.17E-09	-5.76E-04	-2.12E-10	-1.97E-01	0.00E+00	-3.68E-01	-1.10E-05	-3.68E-01	-4.57E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
7341516084	-5.20E-03	-9.20E-02	-1.20E-03	-7.77E-02	0.00E+00	0.00E+00	-9.56E-01	-3.64E-04	-1.56E-04	-2.65E-03	0.00E+00	-4.86E-06	-9.51E-10	-4.38E-08	-5.03E-02	-2.48E+00	0.00E+00	0.00E+00	-9.24E-01	-1.74E-03	-9.66E-01	0.00E+00	-4.20E-09	-1.19E-08	-8.89E-04	-1.17E-06	-3.61E-01	0.00E+00	-9.66E-01	-1.26E-05	-9.66E-01	-1.07E+00	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	-3.73E+01
7341516086	-7.12E-03	-1.43E-01	-2.16E-03	-1.40E-01	0.00E+00	0.00E+00	-1.45E+00	-4.33E-04	-2.62E-04	-3.29E-03	0.00E+00	-1.81E-05	-1.05E-09	-5.04E-08	-5.95E-03	-2.72E+00	0.00E+00	0.00E+00	-1.20E+00	-6.46E-03	-1.46E+00	0.00E+00	-5.15E-09	-1.44E-08	-1.04E-03	-4.25E-06	-4.62E-01	0.00E+00	-1.46E+00	-1.64E-05	-1.46E+00	-1.92E+00	-4.62E-01	0.00E+00	0.00E+00	0.00E+00	-5.07E+01
7341516089	-4.44E-03	-8.52E-02	-9.71E-04	-7.28E-02	0.00E+00	0.00E+00	-8.10E-01	-3.11E-04	-1.35E-04	-2.34E-03	0.00E+00	0.00E+00	-9.11E-10	-3.67E-08	-5.46E-03	-1.71E+00	0.00E+00	0.00E+00	-8.60E-01	0.00E+00	-8.02E-01	0.00E+00	-4.11E-09	-1.10E-08	-8.01E-04	-2.12E-10	-2.79E-01	0.00E+00	-8.02E-01	-1.23E-05	-8.02E-01	-9.61E-01	-2.79E-01	0.00E+00	0.00E+00	0.00E+00	-3.40E+01
7341517203	-4.84E-03	-9.41E-02	-9.08E-04	-9.67E-02	0.00E+00	0.00E+00	-7.15E-01	-3.06E-04	-1.24E-04	-2.41E-03	0.00E+00	0.00E+00	-8.61E-10	-3.47E-08	-1.12E-02	-2.07E+00	0.00E+00	0.00E+00	-8.89E-01	0.00E+00	-9.16E-01	0.00E+00	-3.15E-09	-1.04E-08	-7.18E-04	-2.12E-10	-3.65E-01	0.00E+00	-9.16E-01	-1.19E-05	-9.16E-01	-1.11E+00	-3.65E-01	0.00E+00	0.00E+00	0.00E+00	-3.44E+01
7341517204	-4.71E-03	-8.09E-02	-7.11E-04	-8.63E-02	0.00E+00	0.00E+00	-6.83E-01	-2.92E-04	-8.82E-05	-2.45E-03	0.00E+00	0.00E+00	-8.59E-10	-3.42E-08	-1.11E-02	-2.05E+00	0.00E+00	0.00E+00	-8.57E-01	0.00E+00	-8.75E-01	0.00E+00	-1.72E-09	-1.01E-08	-7.17E-04	-2.12E-10	-3.45E-01	0.00E+00	-8.75E-01	-1.20E-05	-8.75E-01	-1.05E+00	-3.45E-01	0.00E+00	0.00E+00	0.00E+00	-3.42E+01
7341517206	-4.77E-03	-9.12E-02	-8.82E-04	-8.95E-02	0.00E+00	0.00E+00	-6.96E-01	-3.09E-04	-1.23E-04	-2.25E-03	0.00E+00	0.00E+00	-8.45E-10	-3.52E-08	-1.05E-02	-1.98E+00	0.00E+00	0.00E+00	-8.31E-01	0.00E+00	-8.98E-01	0.00E+00	-3.35E-09	-1.03E-08	-6.72E-04	-2.12E-10	-3.38E-01	0.00E+00	-8.98E-01	-1.18E-05	-8.98E-01	-1.00E+00	-3.38E-01	0.00E+00	0.00E+00	0.00E+00	-3.34E+01
7341517209	-4.76E-03	-9.08E-02	-9.19E-04	-8.94E-02	0.00E+00	0.00E+00	-6.70E-01	-3.11E-04	-1.29E-04	-2.25E-03	0.00E+00	0.00E+00	-8.52E-10	-3.56E-08	-1.05E-02	-1.94E+00	0.00E+00	0.00E+00	-8.31E-01	0.00E+00	-9.01E-01	0.00E+00	-3.35E-09	-1.03E-08	-6.83E-04	-2.12E-10	-3.30E-01	0.00E+00	-9.01E-01	-1.19E-05	-9.01E-01	-1.00E+00	-3.30E-01	0.00E+00	0.00E+00	0.00E+00	-3.33E+01
73415520	-2.83E-03	-5.97E-02	-7.26E-04	-5.90E-02	0.00E+00	0.00E+00	-7.61E-01	-2.88E-04	-5.68E-05	-1.94E-03	0.00E+00	0.00E+00	-7.19E-10	-3.22E-08	-3.71E-02	-2.74E-01	0.00E+00	0.00E+00	-7.39E-01	0.00E+00	-6.54E-01	0.00E+00	-2.35E-09	-8.32E-09	-6.33E-04	0.00E+00	-7.38E-02	0.00E+00	-6.54E-01	-8.64E-06	-6.54E-01	-7.28E-01	-7.38E-02	0.00E+00	0.00E+00	0.00E+00	-3.17E+01
7341552045	-2.81E-03	-5.58E-02	-5.64E-04	-5.52E-02	0.00E+00	0.00E+00	-7.41E-01	-2.88E-04	-5.06E-05	-1.87E-03	0.00E+00	0.00E+00	-7.18E-10	-3.22E-08	-5.93E-04	-6.05E-01	0.00E+00	0.00E+00	-7.32E-01	0.00E+00	-5.34E-01	0.00E+00	-1.94E-09	-8.26E-09	-6.14E-04	0.00E+00	-1.20E-01	0.00E+00	-5.34E-01	-8.63E-06	-5.34E-01	-6.54E-01	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-3.15E+01

7341552089	-4.59E-03	-9.02E-02	-1.67E-03	-8.86E-02	0.00E+00	0.00E+00	-1.22E+00	-4.36E-04	-2.39E-04	-3.03E-03	0.00E+00	0.00E+00	-9.36E-10	-5.08E-08	-4.00E-02	-9.61E-01	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-9.64E-01	0.00E+00	-4.32E-09	-1.24E-08	-9.46E-04	0.00E+00	-1.91E-01	0.00E+00	-9.64E-01	-1.67E-05	-9.64E-01	-1.15E+00	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.71E+01
73415521	-6.03E-04	1.99E-02	1.32E-03	1.85E-02	0.00E+00	0.00E+00	1.68E-01	-9.04E-05	1.85E-04	-3.37E-04	0.00E+00	0.00E+00	-4.22E-11	-7.69E-09	-3.46E-02	-1.86E-02	0.00E+00	0.00E+00	1.24E-01	0.00E+00	2.76E-01	0.00E+00	2.96E-09	-2.94E-10	-7.95E-05	0.00E+00	3.08E-02	0.00E+00	2.76E-01	-5.67E-06	2.76E-01	3.07E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E+00
7341753555	-1.23E-02	-2.61E-01	-8.77E-03	-2.65E-01	0.00E+00	0.00E+00	-3.17E+00	-7.20E-04	-4.65E-04	-6.45E-03	0.00E+00	0.00E+00	-1.39E-09	-8.89E-08	-3.02E+00	-2.11E+00	0.00E+00	0.00E+00	-2.06E+00	0.00E+00	-9.23E+00	0.00E+00	-8.72E-09	-2.53E-08	-1.96E-03	-2.12E-10	-4.10E-01	0.00E+00	-9.23E+00	-4.02E-05	-9.23E+00	-9.93E+00	-4.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.18E+01
7429635	-3.07E-03	-2.18E-02	-5.74E-05	-3.05E-02	0.00E+00	0.00E+00	-6.04E-01	-2.35E-04	-2.16E-05	-1.52E-03	0.00E+00	0.00E+00	-4.38E-10	-2.96E-08	6.88E-04	-1.76E+00	0.00E+00	0.00E+00	-5.35E-01	0.00E+00	-2.99E-02	0.00E+00	1.13E-09	-5.23E-09	-4.39E-04	-2.12E-10	-2.35E-01	0.00E+00	-2.99E-02	-8.92E-06	-2.99E-02	-3.41E-01	-2.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.34E+01
8412186	-5.50E-03	-2.01E-02	6.09E-05	-2.33E-02	0.00E+00	0.00E+00	-7.97E-01	-4.43E-04	4.58E-05	-1.03E-03	0.00E+00	-2.16E-07	-3.56E-10	-4.10E-08	8.62E-04	-1.86E+00	0.00E+00	0.00E+00	-3.12E-01	-7.72E-05	-1.23E-02	0.00E+00	7.49E-10	-5.68E-09	-3.73E-04	-5.10E-08	-2.37E-01	0.00E+00	-1.23E-02	-7.77E-06	-1.23E-02	-3.00E-01	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.84E+01
8413006	-6.92E-03	-2.28E-02	-2.55E-07	-1.27E-02	0.00E+00	0.00E+00	-8.57E-01	-4.92E-04	-2.60E-05	-1.32E-03	0.00E+00	0.00E+00	-4.16E-10	-4.26E-08	6.45E-04	-2.24E+00	0.00E+00	0.00E+00	-4.83E-01	0.00E+00	-1.67E-01	0.00E+00	9.44E-10	-7.23E-09	-5.19E-04	-2.12E-10	-3.20E-01	0.00E+00	-1.67E-01	-8.60E-06	-1.67E-01	-4.42E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
841402506	-4.71E-03	-7.69E-02	-6.37E-04	-1.25E-01	0.00E+00	0.00E+00	-8.22E-01	-3.77E-04	-9.62E-05	-1.71E-03	0.00E+00	0.00E+00	-6.63E-10	-4.18E-08	-7.71E-04	-1.83E+00	0.00E+00	0.00E+00	-5.31E-01	0.00E+00	-4.45E-01	0.00E+00	-4.45E-10	-8.02E-09	-6.37E-04	-2.12E-10	-2.70E-01	0.00E+00	-4.45E-01	-1.15E-05	-4.45E-01	-1.36E+00	-2.70E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.08E+01
8418505	-3.49E-03	-1.83E-02	-5.40E-04	-1.78E-02	0.00E+00	0.00E+00	-8.44E-01	-3.55E-04	-1.48E-04	-1.90E-03	0.00E+00	0.00E+00	-5.02E-10	-4.14E-08	-6.29E-05	-2.88E-01	0.00E+00	0.00E+00	-6.56E-01	0.00E+00	-1.15E-01	0.00E+00	1.24E-10	-6.27E-09	-5.52E-04	0.00E+00	-6.20E-02	0.00E+00	-1.15E-01	-1.03E-05	-1.15E-01	-1.77E-01	-6.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.85E+01
8418525	-2.72E-03	-1.64E-02	7.59E-05	-1.40E-02	0.00E+00	0.00E+00	-4.86E-01	-2.02E-04	1.48E-05	-1.31E-03	0.00E+00	0.00E+00	-2.59E-10	-2.32E-08	8.64E-04	-8.47E-01	0.00E+00	0.00E+00	-2.62E-01	0.00E+00	-1.01E-02	0.00E+00	6.13E-10	-3.57E-09	-2.57E-04	-2.12E-10	-1.18E-01	0.00E+00	-1.01E-02	-6.03E-06	-1.01E-02	-1.92E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.23E+01
841852501	-2.69E-03	-1.51E-02	8.64E-05	-1.09E-02	0.00E+00	0.00E+00	-4.55E-01	-2.06E-04	6.30E-05	-1.15E-03	0.00E+00	0.00E+00	-2.40E-10	-2.39E-08	7.04E-04	-6.56E-01	0.00E+00	0.00E+00	-1.52E-01	0.00E+00	-7.22E-03	0.00E+00	6.87E-10	-3.09E-09	-2.22E-04	-2.12E-10	-8.27E-02	0.00E+00	-7.22E-03	-6.48E-06	-7.22E-03	-1.76E-01	-8.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
841852502	3.71E-04	1.65E-02	9.37E-04	1.55E-02	0.00E+00	0.00E+00	1.44E-01	-2.20E-06	2.41E-04	1.88E-04	0.00E+00	0.00E+00	-4.32E-11	2.35E-09	1.23E-03	6.92E-02	0.00E+00	0.00E+00	1.35E-01	0.00E+00	3.03E-01	0.00E+00	2.68E-09	1.01E-09	5.68E-05	0.00E+00	2.76E-02	0.00E+00	3.03E-01	-9.67E-09	3.03E-01	3.31E-01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E+00
841852505	-3.22E-03	-4.12E-03	-1.73E-04	-3.94E-03	0.00E+00	0.00E+00	-7.09E-01	-3.34E-04	-1.16E-04	-1.66E-03	0.00E+00	0.00E+00	-3.96E-10	-3.87E-08	4.38E-04	-2.45E-01	0.00E+00	0.00E+00	-5.24E-01	0.00E+00	5.49E-02	0.00E+00	1.11E-09	-5.00E-09	-4.68E-04	0.00E+00	-4.50E-02	0.00E+00	5.49E-02	-9.49E-06	5.49E-02	9.91E-03	-4.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.32E+01
841852506	-2.59E-03	-1.46E-02	5.42E-05	-1.15E-02	0.00E+00	0.00E+00	-4.39E-01	-2.04E-04	5.43E-05	-1.20E-03	0.00E+00	0.00E+00	-2.53E-10	-2.43E-08	4.58E-04	-7.56E-01	0.00E+00	0.00E+00	-2.00E-01	0.00E+00	-1.64E-02	0.00E+00	6.37E-10	-3.28E-09	-2.33E-04	-2.12E-10	-9.34E-02	0.00E+00	-1.64E-02	-6.51E-06	-1.64E-02	-1.76E-01	-9.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.03E+01
841852521	-2.69E-03	-1.51E-02	9.19E-05	-1.11E-02	0.00E+00	0.00E+00	-4.52E-01	-2.01E-04	7.12E-05	-1.11E-03	0.00E+00	0.00E+00	-2.42E-10	-2.28E-08	8.97E-04	-7.47E-01	0.00E+00	0.00E+00	-1.53E-01	0.00E+00	-3.49E-03	0.00E+00	6.91E-10	-2.91E-09	-2.21E-04	-2.12E-10	-9.56E-02	0.00E+00	-3.49E-03	-6.23E-06	-3.49E-03	-1.76E-01	-9.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.75E+00
841852525	-2.91E-03	-1.64E-02	7.17E-05	-1.73E-02	0.00E+00	0.00E+00	-4.69E-01	-1.63E-04	4.65E-05	-1.17E-03	0.00E+00	0.00E+00	-3.00E-10	-2.08E-08	6.50E-04	-7.46E-01	0.00E+00	0.00E+00	-2.89E-01	0.00E+00	-3.09E-02	0.00E+00	6.49E-10	-3.38E-09	-2.34E-04	-2.12E-10	-9.49E-02	0.00E+00	-3.09E-02	-6.45E-06	-3.09E-02	-1.87E-01	-9.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
841852526	2.35E-04	2.79E-02	1.15E-03	2.67E-02	0.00E+00	0.00E+00	1.77E-01	-1.79E-05	2.32E-04	2.12E-04	0.00E+00	0.00E+00	1.47E-11	4.12E-10	1.63E-03	7.44E-02	0.00E+00	0.00E+00	1.88E-01	0.00E+00	4.44E-01	0.00E+00	3.51E-09	1.56E-09	7.88E-05	0.00E+00	3.59E-02	0.00E+00	4.44E-01	-5.09E-07	4.44E-01	4.80E-01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E+00
8418855	-2.73E-03	-1.64E-02	7.24E-05	-1.83E-02	0.00E+00	0.00E+00	-4.74E-01	-1.75E-04	4.97E-05	-1.14E-03	0.00E+00	0.00E+00	-3.18E-10	-2.12E-08	5.01E-04	-8.24E-01	0.00E+00	0.00E+00	-2.78E-01	0.00E+00	-2.58E-02	0.00E+00	5.63E-10	-3.15E-09	-2.95E-04	-2.12E-10	-9.55E-02	0.00E+00	-2.58E-02	-6.87E-06	-2.58E-02	-1.78E-01	-9.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
8419505	1.18E-04	-1.24E-02	7.89E-04	-1.32E-02	0.00E+00	0.00E+00	1.17E-01	-1.82E-05	2.10E-04	-4.21E-05	0.00E+00	0.00E+00	2.67E-12	2.42E-10	6.30E-04	-1.51E+00	0.00E+00	0.00E+00	9.96E-02	0.00E+00	1.29E-01	0.00E+00	1.02E-09	-3.42E-10	3.31E-06	0.00E+00	-2.06E-01	0.00E+00	1.29E-01	-6.49E-07	1.29E-01	-7.67E-02	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+00
841952502	-3.22E-03	-4.24E-04	-1.49E-04	-2.75E-04	0.00E+00	0.00E+00	-7.07E-01	-3.34E-04	-1.13E-04	-1.64E-03	0.00E+00	0.00E+00	-3.95E-10	-3.86E-08	4.73E-04	-2.44E-01	0.00E+00	0.00E+00	-5.23E-01	0.00E+00	6.23E-02	0.00E+00	1.20E-09	-4.96E-09	-4.62E-04	0.00E+00	-4.44E-02	0.00E+00	6.23E-02	-9.49E-06	6.23E-02	1.79E-02	-4.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.32E+01
841952505	2.33E-04	3.01E-02	1.15E-03	2.90E-02	0.00E+00	0.00E+00	1.75E-01	-1.79E-05	2.33E-04	2.24E-04	0.00E+00	0.00E+00	1.49E-11	4.09E-10	1.59E-03	7.32E-02	0.00E+00	0.00E+00	1.83E-01	0.00E+00	4.29E-01	0.00E+00	3.41E-09	1.52E-09	8.02E-05	0.00E+00	3.52E-02	0.00E+00	4.29E-01	-5.21E-07	4.29E-01	4.64E-01	3.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E+00
841952506	-2.45E-03	-1.41E-02	1.30E-04	-1.46E-02	0.00E+00	0.00E+00	-4.42E-01	-1.37E-04	5.88E-05	-8.76E-04	0.00E+00	0.00E+00	-2.05E-10	-1.66E-08	8.74E-04	-7.33E-01	0.00E+00	0.00E+00	-1.70E-01	0.00E+00	-3.19E-02	0.00E+00	8.03E-10	-2.48E-09	-1.42E-04	-2.12E-10	-9.32E-02	0.00E+00	-3.19E-02	-5.13E-06	-3.19E-02	-1.86E-01	-9.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.81E+00
8419605	-3.78E-03	-1.97E-02	9.39E-05	-1.45E-02	0.00E+00	0.00E+00	-6.13E-01	-2.53E-04	2.73E-05	-1.13E-03	0.00E+00	0.00E+00	-2.90E-10	-2.65E-08	7.82E-04	-8.65E-01	0.00E+00	0.00E+00	-3.09E-01	0.00E+00	-1.91E-02	0.00E+00	6.81E-10	-3.82E-09	-3.29E-04	-2.12E-10	-1.17E-01	0.00E+00	-1.91E-02	-5.99E-06	-1.91E-02	-2.06E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.31E+01
8419609	-3.78E-03	-1.98E-02	1.10E-04	-1.40E-02	0.00E+00	0.00E+00	-6.00E-01	-2.49E-04	6.27E-05	-1.07E-03	0.00E+00	0.00E+00	-2.86E-10	-2.61E-08	8.50E-04	-8.14E-01	0.00E+00	0.00E+00	-2.15E-01	0.00E+00	-2.12E-02	0.00E+00	7.11E-10	-3.48E-09	-2.91E-04	-2.12E-10	-9.89E-02	0.00E+00	-2.12E-02	-6.02E-06	-2.12E-02	-1.96E-01	-9.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.18E+01
8429615	-3.50E-03	-2.49E-02	8.04E-05	-2.91E-02	0.00E+00	0.00E+00	-6.00E-01	-2.77E-04	8.80E-06	-1.52E-03	0.00E+00	-2.16E-07	-5.06E-10	-3.04E-08	5.64E-04	-1.82E+00	0.00E+00	0.00E+00	-5.38E-01	-7.72E-05	-1.82E-02	0.00E+00	7.33E-10	-5.57E-09	-5.13E-04	-5.10E-08	-2.52E-01	0.00E+00	-1.82E-02	-9.32E-06	-1.82E-02	-2.93E-01	-2.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
8429634	-3.41E-03	-2.26E-02	6.97E-05	-2.75E-02	0.00E+00	0.00E+00	-6.39E-01	-2.91E-04	1.86E-06	-1.59E-03	0.00E+00	-2.16E-07	-4.77E-10	-3.36E-08	5.90E-04	-1.85E+00	0.00E+00	0.00E+00	-5.68E-01	-7.72E-05	-1.02E-02	0.00E+00	6.06E-10	-5.13E-09	-5.14E-04	-5.10E-08	-2.63E-01	0.00E+00	-1.02E-02	-9.03E-06	-1.02E-02	-2.68E-01	-2.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
8429636	-3.46E-03	-2.29E-02	7.75E-05	-2.89E-02	0.00E+00	0.00E+00	-6.32E-01	-2.94E-04	2.71E-06	-1.65E-03	0.00E+00	-2.16E-07	-4.83E-10	-3.44E-08	5.61E-04	-1.84E+00	0.00E+00	0.00E+00	-5.39E-01	-7.72E-05	4.63E-03	0.00E+00	5.64E-10	-5.21E-09	-5.14E-04	-5.10E-08	-2.52E-01	0.00E+00	4.63E-03	-9.23E-06	4.63E-03	-2.75E-01	-2.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.29E+01
8429646	-3.26E-03	-2.42E-02	3.49E-05	-3.18E-02	0.00E+00	0.00E+00	-6.30E-01	-2.33E-04	-2.31E-07	-1.73E-03	0.00E+00	-2.69E-09	-3.93E-10	-3.17E-08	2.89E-04	-2.77E+00	0.00E+00	0.00E+00	-4.90E-01	-9.62E-07	-8.31E-02	0.00E+00	6.83E-10	-6.41E-09	-4.50E-04	-2.12E-10	-4.06E-01	0.00E+00	-8.31E-02	-9.66E-06	-8.31E-02	-3.63E-01	-4.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.35E+01
8451705	-2.66E-03	-2.63E-02	1.78E-06	-3.53E-02	0.00E+00	0.00E+00	-4.52E-01	-1.64E-04	1.97E-05	-9.99E-04	0.00E+00	-1.03E-05	-2.62E-10	-2.00E-08	-9.56E-04	-6.56E-01	0.00E+00	0.00E+00	-2.56E-01	-3.65E-03	-2.47E-01	0.00E+00	5.35E-10	-3.15E-09	-1.83E-04	-2.40E-06	-1.16E-01	0.00E+00	-2.47E-01	-7.52E-06	-2.47E-01	-3.88E-01	-1.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.58E+00
845172501	-2.68E-03	-2.53E-02	1.56E-05	-2.31E-02	0.00E+00	0.00E+00	-4.27E-01	-1.60E-04	2.33E-05	-9.72E-04	0.00E+00	0.00E+00	-2.49E-10	-1.97E-08	2.71E-04	-6.56E-01	0.00E+00	0.00E+00	-2.56E-01	0.00E+00	-1.17E-01	0.00E+00	5.60E-10	-3.15E-09	-1.83E-04	-2.12E-10	-1.09E-01	0.00E+00	-1.17E-01	-7.45E-06	-1.17E-01	-2.93E-01	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.60E+00
845172505	-2.66E-03	-2.63E-02	1.78E-06	-3.53E-02	0.00E+00	0.00E+00	-4.52E-01	-1.64E-04	1.97E-05	-9.99E-04	0.00E+00	-1.03E-05	-2.62E-10	-2.00E-08	-9.56E-04	-6.56E-01	0.00E+00	0.00E+00	-2.56E-01	-3.65E-03	-2.47E-01	0.00E+00	5.35E-10	-3.15E-09	-1.83E-04	-2.40E-06	-1.16E-01	0.00E+00	-2.47E-01	-7.52E-06	-2.47E-01	-3.88E-01	-1.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.58E+00
845172509	-2.61E-03	-2.53E-02	1.75E-05	-2.31E-02	0.00E+00	0.00E+00	-3.91E-01	-1.60E-04	2.20E-05	-9.70E-04	0.00E+00	0.00E+00	-2.58E-10	-1.95E-08	2.14E-04	-6.65E-01	0.00E+00	0.00E+00	-2.65E-01	0.00E+00	-1.25E-01	0.00E+00	5.23E-10	-3.29E-09	-1.90E-04	-2.12E-10	-1.11E-01	0.00E+00	-1.25E-01	-7.53E-06	-1.25E-01	-2.93E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.58E+00
845712501	-1.41E-03	-1.37E-03	5.51E-05	-3.30E-03	0.00E+00	0.00E+00	-3.34E-01	-1.25E-04	4.10E-05	-6.57E-04	0.00E+00	0.00E+00	-1.08E-10	-1.24E-08	7.37E-04	-7.90E-01	0.00E+00	0.00E+00	-1.72E-01	0.00E+00	4.66E-02	0.00E+00	9.18E-10	-2.95E-09	-1.08E-04	-2.12E-10	-1.16E-01	0.00E+00	4.66E-02	-6.30E-06	4.66E-02	-1.40E-01	-1.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.16E+00
845712503	-1.71E-03	-3.92E-03	4.84E-05	-1.55E-02	0.00E+00	0.00E+00	-3.94E-01	-1.36E-04	3.11E-05	-6.69E-04	0.00E+00	-1.03E-05	-1.21E-10	-1.34E-08	-4.75E-04	-8.35E-01	0.00E+00	0.00E+00	-1.99E-01	-3.65E-03	-4.69E-02	0.00E+00	8.84E-10	-3.14E-09	-1.68E-04	-2.40E-06	-1.25E-01	0.00E+00	-4.69E-02	-6.33E-06	-4.69E-02	-2.24E-01	-1.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.50E+00
845712505	-1.13E-03	5.85E-03	2.50E-04	-4.45E-03	0.00E+00	0.00E+00	-3.29E-01	-9.44E-05	4.60E-05	-6.15E-04	0.00E+00	-1.04E-05	-7.92E-11	-1.01E-08	-3.70E-04	-8.17E-01	0.00E+00	0.00E+00	-1.26E-01	-3.68E-03	4.11E-03	0.00E+00	7.22E-10	-2.31E-09	-7.12E-05	-2.43E-06	-1.18E-01	0.00E+00	4.11E-03	-4.73E-06	4.11E-03	-1.53E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.67E+00
845712507	-1.67E-03	-2.61E-03	4.33E-05	-5.78E-03	0.00E+00	0.00E+00	-3.48E-01	-1.26E-04	4.10E-05	-6.27E-04	0.00E+00	0.00E+00	-1.11E-10	-1.23E-08	7.40E-04	-8.00E-01	0.00E+00	0.00E+00	-1.69E-01	0.00E+00	3.88E-02	0.00E+00	8.28E-10	-3.08E-09	-1.09E-04	-2.12E-10	-1.16E-01	0.00E+00	3.88E-02	-6.28E-06	3.88E-02	-1.57E-01	-1.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.19E+00
845712509	1.23E-04	6.57E-03	5.25E-04	6.05E-03	0.00E+00	0.00E+00	1.24E-01	2.47E-07	6.23E-05	1.11E-04	0.00E+00	0.00E+00	2.01E-11	8.34E-10	7.75E-04	-3.39E-01	0.00E+00	0.00E+00	9.87E-02	0.00E+00	1.83E-01	0.00E+00	1.44E-09	5.33E-10	3.64E-05	0.00E+00	-3.70E-02	0.00E+00	1.83E-01	5.39E-08	1.83E-01	1.46E-01	-3.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E+00
847312506	-2.39E-03	-1.76E-02	6.25E-05	-1.68E-02	0.00E+00	0.00E+00	-4.53E-01	-1.72E-04	6.70E-05	-1.04E-03	0.00E+00	-3.71E-09	-2.32E-10	-2.43E-08	5.57E-04	-2.64E+00	0.00E+00	0.00E+00	-2.01E-01	-1.32E-06	2.38E-02	0.00E+00	8.53E-10	-3.44E-09	-1.76E-04	-2.12E-10	-3.64E-01	0.00E+00	2.38E-02	-6.66E-06	2.38E-02	-2.03E-01	-3.64E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.48E+00
847782502	-2.79E-03	-2.15E-02	7.27E-05	-2.27E-02	0.00E+00	0.00E+00	-5.25E-01	-1.89E-04	4.29E-05	-1.26E-03	0.00E+00	-2.95E-09	-3.20E-10	-2.53E-08	4.03E-04	-2.49E+00	0.00E+00	0.00E+00	-3.59E-01	-1.05E-06	2.43E-02	0.00E+00	7.39E-10	-3.96E-09	-2.43E-04	-2.12E-10	-3.47E-01	0.00E+00	2.43E-02	-7.35E-06	2.43E-02	-1.73E-01	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.42E+01
847782505	-2.76E-03	-2.14E-02	7.27E-05	-2.20E-02	0.00E+00	0.00E+00	-5.26E-01	-1.87E-04	4.31E-05	-1.24E-03	0.00E+00	-2.95E-09	-3.17E-10	-2.47E-08	4.07E-04	-2.49E+00	0.00E+00	0.00E+00	-3.56E-01	-1.05E-06	2.99E-02	0.00E+00	7.39E-10	-3.96E-09	-2.36E-04	-2.12E-10	-3.47E-01	0.00E+00	2.99E-02	-7.22E-06	2.99E-02	-1.66E-01	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E+01
847782506	-2.72E-03	-2.09E-02	7.65E-05	-2.09E-02	0.00E+00	0.00E+00	-5.23E-01	-1.75E-04	4.48E-05	-1.20E-03	0.00E+00	-2.95E-09	-3.09E-10	-2.46E-08	4.26E-04	-2.49E+00	0.00E+00	0.00E+00	-3.53E-01	-1.05E-06	2.99E-02	0.00E+00	7.67E-10	-3.97E-09	-2.12E-04	-2.12E-10	-3.47E-01	0.00E+00	2.99E-02	-7.23E-06	2.99E-02	-1.66E-01	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
847782512	-2.25E-03	-1.29E-02	3.79E-04	-2.58E-02	0.00E+00	0.00E+00	-4.13E-01	-1.34E-04	9.91E-05	-8.12E-04	0.00E+00	-3.71E-09	-1.94E-10	-2.05E-08	9.46E-04	-2.54E+00	0.00E+00	0.00E+00	-1.78E-01	-1.32E-06	-1.44E-01	0.00E+00	1.09E-09	-2.92E-09	-1.21E-04	-2.12E-10	-3.58E-01	0.00E+00	-1.44E-01	-6.13E-06	-1.44E-01	-3.39E-01	-3.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.90E+00
847792502	-2.84E-03	-1.99E-02	1.37E-04	-2.34E-02	0.00E+00	0.00E+00	-5.15E-01	-1.78E-04	5.97E-05	-1.02E-03	0.00E+00	-3.71E-09	-2.68E-10	-2.38E-08	6.65E-04	-2.52E+00	0.00E+00	0.00E+00	-2.94E-01	-1.32E-06	3.24E-02	0.00E+00	7.83E-10	-3.86E-09	-2.10E-04	-2.12E-10	-3.41E-01	0.00E+00	3.24E-02	-7.07E-06	3.24E-02	-1.71E-01	-3.41E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
847792505	-2.69E-03	-1.97E-02	1.03E-04	-2.35E-02	0.00E+00	0.00E+00	-5.44E-01	-1.82E-04	4.84E-05	-1.15E-03	0.00E+00	-3.71E-09	-3.02E-10	-2.42E-08	5.71E-04	-2.52E+00	0.00E+00	0.00E+00	-3.66E-01	-1.32E-06	2.88E-02	0.00E+00	8.34E-10	-3.97E-09	-2.42E-04	-2.12E-10	-3.45E-01	0.00E+00	2.88E-02	-7.17E-06	2.88E-02	-1.65E-01	-3.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.37E+01
847792506	-2.65E-03	-1.92E-02	1.14E-04	-2.27E-02	0.00E+00	0.00E+00	-4.95E-01	-1.69E-04	5.04E-05	-1.08E-03	0.00E+00	-3.71E-09	-2.84E-10	-2.38E-08	6.45E-04	-2.52E+00	0.00E+00	0.00E+00	-3.40E-01	-1.32E-06	2.88E-02	0.00E+00	8.62E-10	-3.95E-09	-2.11E-04	-2.12E-10	-3.42E-01	0.00E+00	2.88E-02	-7.19E-06	2.88E-02	-1.65E-01	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.31E+01
847792512	-2.40E-03	-1.36E-02	3.74E-04	-3.25E-02	0.00E+00	0.00E+00	-4.76E-01	-1.72E-04	7.62E-05	-1.03E-03	0.00E+00	-2.69E-09	-2.49E-10	-2.42E-08	7.09E-04	-2.66E+00	0.00E+00	0.00E+00	-2.35E-01	-9.62E-07	-1.15E-01	0.00E+00	1.04E-09	-3.65E-09	-2.08E-04	-2.12E-10	-3.74E-01	0.00E+00	-1.15E-01	-7.38E-06	-1.15E-01	-4.25E-01	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.40E+00
847882506	-2.48E-03	-1.77E-02	4.77E-05	-1.72E-02	0.00E+00	0.00E+00	-4.94E-01	-1.76E-04	6.86E-05	-1.14E-03	0.00E+00	-3.71E-09	-2.44E-10	-2.45E-08	4.60E-04	-2.52E+00	0.00E+00	0.00E+00	-2.21E-01	-1.32E-06	1.82E-02	0.00E+00	8.08E-10	-3.59E-09	-1.93E-04	-2.12E-10	-3.68E-01	0.00E+00	1.82E-02	-6.68E-06	1.82E-02	-2.10E-01	-3.68E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.75E+00
848002502	-4.80E-03	-2.29E-02	-8.68E-05	-3.73E-02	0.00E+00	0.00E+00	-1.18E+00	-3.41E-04	-1.43E-05	-1.83E-03	0.00E+00	0.00E+00	-3.66E-10	-5.06E-08	1.18E-04	-2.98E+00	0.00E+00	0.00E+00	-5.81E-01	0.00E+00	4.53E-04	0.00E+00	7.24E-10	-5.75E-09	-4.08E-04	-2.12E-10	-3.72E-01	0.00E+00	4.53E-04	-1.14E-05	4.53E-04	-3.92E-01	-3.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
848002503	-4.86E-03	-2.40E-02	-1.09E-04	-3.79E-02	0.00E+00	0.00E+00	-1.19E+00	-3.41E-04	-2.11E-05	-1.84E-03	0.00E+00	0.00E+00	-3.66E-10	-5.12E-08	9.51E-05	-3.01E+00	0.00E+00	0.00E+00	-5.78E-01	0.00E+00	-1.39E-03	0.00E+00	6.48E-10	-5.79E-09	-4.20E-04	-2.12E-10	-3.74E-01	0.00E+00	-1.39E-03	-1.17E-05	-1.39E-03	-4.22E-01	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
848002504	-5.83E-03	-6.49E-02	-4.87E-04	-6.64E-02	0.00E+00	0.00E+00	-1.43E+00	-6.22E-04	-7.92E-05	-1.98E-03	0.00E+00	0.00E+00	-5.93E-10	-8.15E-08	-1.92E-04	-3.45E+00	0.00E+00	0.00E+00	-6.44E-01	0.00E+00	-4.13E-01	0.00E+00	-1.65E-10	-9.62E-09	-7.45E-04	-2.12E-10	-4.87E-01	0.00E+00	-4.13E-01	-1.57E-05	-4.13E-01	-1.10E+00	-4.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.37E+01
848002505	-5.85E-03	-7.71E-02	-7.00E-04	-6.52E-02	0.00E+00	0.00E+00	-1.43E+00	-5.91E-04	-9.46E-05	-2.06E-03	0.00E+00	0.00E+00	-6.39E-10	-7.95E-08	-6.52E-04	-3.15E+00	0.00E+00	0.00E+00	-6.55E-01	0.00E+00	-6.63E-01	0.00E+00	-6.67E-10	-8.92E-09	-7.35E-04	-2.12E-10	-4.19E-01	0.00E+00	-6.63E-01	-1.55E-05	-6.63E-01	-1.06E+00	-4.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
848002506	-6.02E-03	-6.23E-02	-5.60E-04	-6.65E-02	0.00E+00	0.00E+00	-1.46E+00	-5.99E-04	-9.96E-05	-2.05E-03	0.00E+00	0.00E+00	-6.38E-10	-8.00E-08	-2.03E-04	-3.31E+00	0.00E+00	0.00E+00	-6.48E-01	0.00E+00	-6.56E-01	0.00E+00	-1.82E-10	-8.91E-09	-7.34E-04	-2.12E-10	-4.17E-01	0.00E+00	-6.56E-01	-1.57E-05	-6.56E-01	-1.13E+00	-4.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.26E+01
848002507	-4.76E-03	-2.36E-02	-8.40E-05	-3.54E-02	0.00E+00	0.00E+00	-1.16E+00	-3.37E-04	-2.78E-05	-1.71E-03	0.00E+00	0.00E+00	-3.49E-10	-4.99E-08	2.11E-04	-3.01E+00	0.00E+00	0.00E+00	-5.71E-01	0.00E+00	-4.49E-03	0.00E+00	5.87E-10	-5.12E-09	-3.61E-04	-2.12E-10	-3.73E-01	0.00E+00	-4.49E-03	-1.13E-05	-4.49E-03	-4.26E-01	-3.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.41E+01
848002512	-4.77E-03	-2.14E-02	-4.35E-06	-2.47E-02	0.00E+00	0.00E+00	-1.17E+00	-3.37E-04	-1.30E-05	-1.74E-03	0.00E+00	0.00E+00	-3.47E-10	-5.04E-08	4.01E-04	-3.05E+00	0.00E+00	0.00E+00	-5.33E-01	0.00E+00	-1.49E-01	0.00E+00	8.97E-10	-5.51E-09	-4.08E-04	-2.12E-10	-3.82E-01	0.00E+00	-1.49E-01	-1.17E-05	-1.49E-01	-3.53E-01	-3.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
848002514	-5.88E-03	-6.13E-02	-5.06E-04	-5.14E-02	0.00E+00	0.00E+00	-1.44E+00	-5.60E-04	-9.60E-05	-2.01E-03	0.00E+00	0.00E+00	-6.32E-10	-7.61E-08	-3.10E-04	-3.14E+00	0.00E+00	0.00E+00	-6.62E-01	0.00E+00	-7.69E-01	0.00E+00	2.70E-11	-8.90E-09	-7.40E-04	-2.12E-10	-3.93E-01	0.00E+00	-7.69E-01	-1.56E-05	-7.69E-01	-9.46E-01	-3.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
848002516	-5.88E-03	-6.13E-02	-5.06E-04	-5.14E-02	0.00E+00	0.00E+00	-1.44E+00	-5.60E-04	-9.60E-05	-2.01E-03	0.00E+00	0.00E+00	-6.32E-10	-7.61E-08	-3.10E-04	-3.14E+00	0.00E+00	0.00E+00	-6.62E-01	0.00E+00	-7.69E-01	0.00E+00	2.70E-11	-8.90E-09	-7.40E-04	-2.12E-10	-3.93E-01	0.00E+00	-7.69E-01	-1.56E-05	-7.69E-01	-9.46E-01	-3.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
848002517	-5.98E-03	-6.35E-02	-4.49E-04	-7.32E-02	0.00E+00	0.00E+00	-1.46E+00	-5.58E-04	-1.02E-04	-2.04E-03	0.00E+00	0.00E+00	-6.00E-10	-7.69E-08	-5.26E-04	-3.29E+00	0.00E+00	0.00E+00	-7.02E-01	0.00E+00	-7.69E-01	0.00E+00	-7.39E-11	-9.45E-09	-7.75E-04	-2.12E-10	-4.23E-01	0.00E+00	-7.69E-01	-1.57E-05	-7.69E-01	-1.09E+00	-4.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
848012502	-4.74E-03	-1.94E-02	-5.10E-05	-3.46E-02	0.00E+00	0.00E+00	-1.16E+00	-3.34E-04	-1.67E-05	-1.68E-03	0.00E+00	0.00E+00	-3.35E-10	-4.97E-08	4.27E-04	-2.97E+00	0.00E+00	0.00E+00	-5.59E-01	0.00E+00	-7.02E-04	0.00E+00	6.91E-10	-5.18E-09	-3.96E-04	-2.12E-10	-3.63E-01	0.00E+00	-7.02E-04	-1.13E-05	-7.02E-04	-4.04E-01	-3.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
848012503	-4.87E-03	-2.16E-02	-9.71E-05	-3.63E-02	0.00E+00	0.00E+00	-1.19E+00	-3.35E-04	-2.19E-05	-1.78E-03	0.00E+00	0.00E+00	-3.56E-10	-5.09E-08	3.40E-04	-3.01E+00	0.00E+00	0.00E+00	-5.87E-01	0.00E+00	4.01E-03	0.00E+00	6.79E-10	-5.66E-09	-4.04E-04	-2.12E-10	-3.70E-01	0.00E+00	4.01E-03	-1.17E-05	4.01E-03	-4.23E-01	-3.70E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
848012506	-4.74E-03	-2.13E-02	-5.49E-05	-3.46E-02	0.00E+00	0.00E+00	-1.16E+00	-3.34E-04	-1.97E-05	-1.68E-03	0.00E+00	0.00E+00	-3.35E-10	-4.97E-08	4.20E-04	-3.01E+00	0.00E+00	0.00E+00	-5.59E-01	0.00E+00	-7.02E-04	0.00E+00	6.91E-10	-5.19E-09	-3.96E-04	-2.12E-10	-3.67E-01	0.00E+00	-7.02E-04	-1.13E-05	-7.02E-04	-4.27E-01	-3.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
848012507	-6.13E-03	-6.27E-02	-5.72E-04	-6.18E-02	0.00E+00	0.00E+00	-1.45E+00	-5.54E-04	-1.09E-04	-2.03E-03	0.00E+00	0.00E+00	-6.26E-10	-7.89E-08	-3.00E-04	-3.27E+00	0.00E+00	0.00E+00	-6.68E-01	0.00E+00	-6.69E-01	0.00E+00	-7.91E-11	-9.00E-09	-7.83E-04	-2.12E-10	-4.27E-01	0.00E+00	-6.69E-01	-1.55E-05	-6.69E-01	-1.08E+00	-4.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
848012512	-4.79E-03	-2.14E-02	-3.51E-05	-2.62E-02	0.00E+00	0.00E+00	-1.18E+00	-3.37E-04	-2.02E-05	-1.79E-03	0.00E+00	0.00E+00	-3.58E-10	-5.10E-08	2.90E-04	-3.06E+00	0.00E+00	0.00E+00	-5.79E-01	0.00E+00	-1.48E-01	0.00E+00	8.90E-10	-5.65E-09	-4.11E-04	-2.12E-10	-3.83E-01	0.00E+00	-1.48E-01	-1.17E-05	-1.48E-01	-3.97E-01	-3.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.54E+01
848012513	-6.00E-03	-6.31E-02	-5.14E-04	-7.32E-02	0.00E+00	0.00E+00	-1.44E+00	-5.62E-04	-1.12E-04	-2.08E-03	0.00E+00	0.00E+00	-6.31E-10	-7.69E-08	-3.58E-04	-3.31E+00	0.00E+00	0.00E+00	-7.17E-01	0.00E+00	-7.63E-01	0.00E+00	-1.94E-11	-9.01E-09	-7.52E-04	-2.12E-10	-4.33E-01	0.00E+00	-7.63E-01	-1.57E-05	-7.63E-01	-1.11E+00	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.32E+01
848012514	-6.05E-03	-6.35E-02	-5.17E-04	-7.32E-02	0.00E+00	0.00E+00	-1.47E+00	-5.64E-04	-1.14E-04	-2.08E-03	0.00E+00	0.00E+00	-6.25E-10	-7.69E-08	-5.80E-04	-3.31E+00	0.00E+00	0.00E+00	-7.33E-01	0.00E+00	-7.63E-01	0.00E+00	-1.94E-11	-9.32E-09	-7.64E-04	-2.12E-10	-4.33E-01	0.00E+00	-7.63E-01	-1.57E-05	-7.63E-01	-1.11E+00	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.40E+01
848012517	-5.93E-03	-6.13E-02	-5.46E-04	-5.14E-02	0.00E+00	0.00E+00	-1.44E+00	-5.60E-04	-1.08E-04	-2.05E-03	0.00E+00	0.00E+00	-6.40E-10	-7.61E-08	-3.18E-04	-3.15E+00	0.00E+00	0.00E+00	-6.90E-01	0.00E+00	-7.63E-01	0.00E+00	9.48E-11	-8.88E-09	-7.30E-04	-2.12E-10	-4.03E-01	0.00E+00	-7.63E-01	-1.56E-05	-7.63E-01	-9.73E-01	-4.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.24E+01
848102502	-5.86E-03	-6.58E-02	-6.75E-04	-7.06E-02	0.00E+00	0.00E+00	-1.47E+00	-6.31E-04	-9.17E-05	-2.05E-03	0.00E+00	0.00E+00	-6.00E-10	-8.25E-08	-4.59E-04	-3.38E+00	0.00E+00	0.00E+00	-7.05E-01	0.00E+00	-6.27E-01	0.00E+00	-1.10E-10	-9.68E-09	-7.44E-04	-2.12E-10	-4.61E-01	0.00E+00	-6.27E-01	-1.62E-05	-6.27E-01	-1.23E+00	-4.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.43E+01
848102503	-4.80E-03	-2.40E-02	-1.45E-04	-3.63E-02	0.00E+00	0.00E+00	-1.15E+00	-3.42E-04	-3.94E-05	-1.80E-03	0.00E+00	0.00E+00	-3.62E-10	-5.09E-08	1.21E-04	-3.05E+00	0.00E+00	0.00E+00	-6.39E-01	0.00E+00	-7.56E-03	0.00E+00	5.39E-10	-5.72E-09	-4.10E-04	-2.12E-10	-3.87E-01	0.00E+00	-7.56E-03	-1.15E-05	-7.56E-03	-4.66E-01	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.58E+01
848102504	-5.83E-03	-7.82E-02	-7.74E-04	-6.66E-02	0.00E+00	0.00E+00	-1.43E+00	-5.91E-04	-1.04E-04	-2.08E-03	0.00E+00	0.00E+00	-6.44E-10	-7.96E-08	-6.73E-04	-3.20E+00	0.00E+00	0.00E+00	-6.78E-01	0.00E+00	-6.86E-01	0.00E+00	-6.95E-10	-8.96E-09	-7.27E-04	-2.12E-10	-4.33E-01	0.00E+00	-6.86E-01	-1.55E-05	-6.86E-01	-1.15E+00	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.30E+01
848102507	-4.88E-03	-2.46E-02	-1.62E-04	-3.79E-02	0.00E+00	0.00E+00	-1.19E+00	-3.41E-04	-3.19E-05	-1.86E-03	0.00E+00	0.00E+00	-3.77E-10	-5.15E-08	1.71E-05	-3.06E+00	0.00E+00	0.00E+00	-6.29E-01	0.00E+00	-2.97E-04	0.00E+00	6.20E-10	-5.98E-09	-4.45E-04	-2.12E-10	-3.88E-01	0.00E+00	-2.97E-04	-1.17E-05	-2.97E-04	-4.62E-01	-3.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
848112502	-6.01E-03	-7.76E-02	-7.34E-04	-6.34E-02	0.00E+00	0.00E+00	-1.43E+00	-5.49E-04	-1.04E-04	-2.07E-03	0.00E+00	0.00E+00	-6.45E-10	-7.77E-08	-7.37E-04	-3.16E+00	0.00E+00	0.00E+00	-6.68E-01	0.00E+00	-7.00E-01	0.00E+00	-5.85E-10	-8.94E-09	-7.45E-04	-2.12E-10	-4.25E-01	0.00E+00	-7.00E-01	-1.54E-05	-7.00E-01	-1.12E+00	-4.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.31E+01
848112505	-4.86E-03	-2.53E-02	-1.83E-04	-4.84E-02	0.00E+00	0.00E+00	-1.21E+00	-4.02E-04	-1.64E-05	-1.85E-03	0.00E+00	0.00E+00	-4.24E-10	-5.70E-08	2.53E-04	-3.18E+00	0.00E+00	0.00E+00	-5.76E-01	0.00E+00	-5.25E-02	0.00E+00	6.70E-10	-5.76E-09	-4.11E-04	-2.12E-10	-4.19E-01	0.00E+00	-5.25E-02	-1.23E-05	-5.25E-02	-5.78E-01	-4.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
848112506	-4.87E-03	-2.24E-02	-1.46E-04	-3.74E-02	0.00E+00	0.00E+00	-1.19E+00	-3.35E-04	-2.09E-05	-1.78E-03	0.00E+00	0.00E+00	-3.61E-10	-5.11E-08	3.29E-04	-3.06E+00	0.00E+00	0.00E+00	-5.73E-01	0.00E+00	6.37E-03	0.00E+00	7.58E-10	-5.62E-09	-4.07E-04	-2.12E-10	-4.10E-01	0.00E+00	6.37E-03	-1.17E-05	6.37E-03	-4.63E-01	-4.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.63E+01
848112512	-4.74E-03	-2.05E-02	-9.16E-05	-2.88E-02	0.00E+00	0.00E+00	-1.20E+00	-3.68E-04	-5.04E-06	-1.85E-03	0.00E+00	0.00E+00	-4.00E-10	-5.57E-08	2.78E-04	-3.21E+00	0.00E+00	0.00E+00	-5.76E-01	0.00E+00	-1.42E-01	0.00E+00	1.08E-09	-5.63E-09	-4.29E-04	-2.12E-10	-4.03E-01	0.00E+00	-1.42E-01	-1.20E-05	-1.42E-01	-5.45E-01	-4.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.85E+01
848112517	-6.07E-03	-6.50E-02	-5.47E-04	-7.71E-02	0.00E+00	0.00E+00	-1.46E+00	-6.15E-04	-1.00E-04	-2.70E-03	0.00E+00	0.00E+00	-6.13E-10	-8.12E-08	-2.29E-04	-3.52E+00	0.00E+00	0.00E+00	-8.08E-01	0.00E+00	-4.64E-01	0.00E+00	2.64E-11	-1.01E-08	-8.32E-04	-2.12E-10	-5.15E-01	0.00E+00	-4.64E-01	-1.83E-05	-4.64E-01	-1.24E+00	-5.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.89E+01
848202502	-5.85E-03	-6.58E-02	-6.76E-04	-7.08E-02	0.00E+00	0.00E+00	-1.47E+00	-6.28E-04	-8.96E-05	-2.02E-03	0.00E+00	0.00E+00	-6.01E-10	-8.26E-08	-2.70E-04	-3.52E+00	0.00E+00	0.00E+00	-6.78E-01	0.00E+00	-4.16E-01	0.00E+00	-1.28E-10	-9.75E-09	-7.32E-04	-2.12E-10	-5.06E-01	0.00E+00	-4.16E-01	-1.62E-05	-4.16E-01	-1.23E+00	-5.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.44E+01
848202503	-4.88E-03	-2.46E-02	-1.62E-04	-3.79E-02	0.00E+00	0.00E+00	-1.19E+00	-3.41E-04	-3.19E-05	-1.86E-03	0.00E+00	0.00E+00	-3.78E-10	-5.15E-08	1.37E-05	-3.06E+00	0.00E+00	0.00E+00	-6.24E-01	0.00E+00	-2.97E-04	0.00E+00	6.20E-10	-5.98E-09	-4.45E-04	-2.12E-10	-3.88E-01	0.00E+00	-2.97E-04	-1.17E-05	-2.97E-04	-4.62E-01	-3.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
848202506	-5.90E-03	-6.35E-02	-7.34E-04	-7.11E-02	0.00E+00	0.00E+00	-1.46E+00	-6.03E-04	-1.13E-04	-2.08E-03	0.00E+00	0.00E+00	-6.25E-10	-8.06E-08	-2.74E-04	-3.38E+00	0.00E+00	0.00E+00	-6.56E-01	0.00E+00	-6.59E-01	0.00E+00	-1.10E-10	-9.05E-09	-7.22E-04	-2.12E-10	-4.44E-01	0.00E+00	-6.59E-01	-1.61E-05	-6.59E-01	-1.27E+00	-4.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.31E+01
848212502	-6.01E-03	-7.76E-02	-7.34E-04	-6.34E-02	0.00E+00	0.00E+00	-1.43E+00	-5.49E-04	-1.04E-04	-2.07E-03	0.00E+00	0.00E+00	-6.45E-10	-7.77E-08	-7.37E-04	-3.16E+00	0.00E+00	0.00E+00	-6.68E-01	0.00E+00	-7.00E-01	0.00E+00	-5.85E-10	-8.94E-09	-7.45E-04	-2.12E-10	-4.25E-01	0.00E+00	-7.00E-01	-1.54E-05	-7.00E-01	-1.12E+00	-4.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.31E+01
848212503	-6.01E-03	-7.76E-02	-7.34E-04	-6.34E-02	0.00E+00	0.00E+00	-1.43E+00	-5.49E-04	-1.04E-04	-2.07E-03	0.00E+00	0.00E+00	-6.45E-10	-7.77E-08	-7.37E-04	-3.16E+00	0.00E+00	0.00E+00	-6.68E-01	0.00E+00	-7.00E-01	0.00E+00	-5.85E-10	-8.94E-09	-7.45E-04	-2.12E-10	-4.25E-01	0.00E+00	-7.00E-01	-1.54E-05	-7.00E-01	-1.12E+00	-4.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.31E+01
848212504	-6.01E-03	-7.76E-02	-7.34E-04	-6.34E-02	0.00E+00	0.00E+00	-1.43E+00	-5.49E-04	-1.04E-04	-2.07E-03	0.00E+00	0.00E+00	-6.45E-10	-7.77E-08	-7.37E-04	-3.16E+00	0.00E+00	0.00E+00	-6.68E-01	0.00E+00	-7.00E-01	0.00E+00	-5.85E-10	-8.94E-09	-7.45E-04	-2.12E-10	-4.25E-01	0.00E+00	-7.00E-01	-1.54E-05	-7.00E-01	-1.12E+00	-4.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.31E+01
848212512	-4.84E-03	-2.41E-02	-1.21E-04	-3.59E-02	0.00E+00	0.00E+00	-1.20E+00	-3.95E-04	-1.58E-05	-1.87E-03	0.00E+00	0.00E+00	-4.39E-10	-5.74E-08	3.98E-04	-3.19E+00	0.00E+00	0.00E+00	-5.86E-01	0.00E+00	-2.06E-01	0.00E+00	8.83E-10	-5.57E-09	-4.20E-04	-2.12E-10	-4.03E-01	0.00E+00	-2.06E-01	-1.22E-05	-2.06E-01	-6.38E-01	-4.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.88E+01
848212513	-6.22E-03	-6.51E-02	-6.89E-04	-7.95E-02	0.00E+00	0.00E+00	-1.49E+00	-6.32E-04	-1.09E-04	-2.72E-03	0.00E+00	0.00E+00	-6.18E-10	-8.12E-08	-2.28E-04	-3.52E+00	0.00E+00	0.00E+00	-8.19E-01	0.00E+00	-4.44E-01	0.00E+00	8.35E-11	-1.01E-08	-8.11E-04	-2.12E-10	-5.19E-01	0.00E+00	-4.44E-01	-1.89E-05	-4.44E-01	-1.27E+00	-5.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.87E+01
848212514	-6.00E-03	-6.51E-02	-6.57E-04	-8.06E-02	0.00E+00	0.00E+00	-1.49E+00	-5.95E-04	-9.76E-05	-1.97E-03	0.00E+00	0.00E+00	-6.06E-10	-7.90E-08	-2.98E-04	-3.51E+00	0.00E+00	0.00E+00	-6.73E-01	0.00E+00	-5.24E-01	0.00E+00	-2.02E-12	-9.61E-09	-7.66E-04	-2.12E-10	-4.97E-01	0.00E+00	-5.24E-01	-1.64E-05	-5.24E-01	-1.33E+00	-4.97E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.26E+01
848302502	-6.14E-03	-6.57E-02	-4.67E-04	-6.42E-02	0.00E+00	0.00E+00	-1.47E+00	-6.49E-04	-9.59E-05	-2.69E-03	0.00E+00	0.00E+00	-6.11E-10	-8.50E-08	-3.58E-05	-3.48E+00	0.00E+00	0.00E+00	-7.64E-01	0.00E+00	-2.27E-01	0.00E+00	-1.43E-10	-1.01E-08	-8.07E-04	-2.12E-10	-5.06E-01	0.00E+00	-2.27E-01	-1.84E-05	-2.27E-01	-1.13E+00	-5.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.88E+01
848302503	-5.84E-03	-6.45E-02	-6.14E-04	-6.68E-02	0.00E+00	0.00E+00	-1.44E+00	-5.94E-04	-1.06E-04	-2.04E-03	0.00E+00	0.00E+00	-6.25E-10	-8.02E-08	-2.45E-04	-3.36E+00	0.00E+00	0.00E+00	-6.68E-01	0.00E+00	-6.79E-01	0.00E+00	-1.89E-10	-9.10E-09	-7.49E-04	-2.12E-10	-4.55E-01	0.00E+00	-6.79E-01	-1.57E-05	-6.79E-01	-1.24E+00	-4.55E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.30E+01
848312512	-4.79E-03	-2.17E-02	-7.82E-05	-2.73E-02	0.00E+00	0.00E+00	-1.18E+00	-3.36E-04	-2.02E-05	-1.78E-03	0.00E+00	0.00E+00	-3.61E-10	-5.11E-08	2.84E-04	-3.11E+00	0.00E+00	0.00E+00	-5.79E-01	0.00E+00	-1.48E-01	0.00E+00	9.32E-10	-5.71E-09	-4.11E-04	-2.12E-10	-3.99E-01	0.00E+00	-1.48E-01	-1.17E-05	-1.48E-01	-5.22E-01	-3.99E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.56E+01

848312514	-5.91E-03	-6.24E-02	-5.79E-04	-5.48E-02	0.00E+00	0.00E+00	-1.45E+00	-5.60E-04	-1.08E-04	-2.05E-03	0.00E+00	0.00E+00	-6.46E-10	-7.61E-08	-3.40E-04	-3.20E+00	0.00E+00	0.00E+00	-6.90E-01	0.00E+00	-7.87E-01	0.00E+00	9.48E-11	-8.93E-09	-7.33E-04	-2.12E-10	-4.17E-01	0.00E+00	-7.87E-01	-1.56E-05	-7.87E-01	-1.17E+00	-4.17E-01	0.00E+00	0.00E+00	0.00E+00	-3.26E+01
848502506	-5.85E-03	-6.60E-02	-6.66E-04	-6.27E-02	0.00E+00	0.00E+00	-1.43E+00	-5.91E-04	-1.04E-04	-2.08E-03	0.00E+00	0.00E+00	-6.37E-10	-7.96E-08	-2.15E-04	-3.15E+00	0.00E+00	0.00E+00	-6.78E-01	0.00E+00	-6.63E-01	0.00E+00	-4.77E-10	-8.92E-09	-7.27E-04	-2.12E-10	-4.12E-01	0.00E+00	-6.63E-01	-1.55E-05	-6.63E-01	-1.04E+00	-4.12E-01	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
848512506	-6.03E-03	-7.65E-02	-7.09E-04	-6.12E-02	0.00E+00	0.00E+00	-1.43E+00	-5.49E-04	-1.04E-04	-2.07E-03	0.00E+00	0.00E+00	-6.39E-10	-7.77E-08	-7.16E-04	-3.11E+00	0.00E+00	0.00E+00	-6.68E-01	0.00E+00	-6.76E-01	0.00E+00	-5.85E-10	-8.90E-09	-7.41E-04	-2.12E-10	-4.11E-01	0.00E+00	-6.76E-01	-1.53E-05	-6.76E-01	-1.02E+00	-4.11E-01	0.00E+00	0.00E+00	0.00E+00	-3.29E+01
848512512	-4.79E-03	-2.14E-02	-3.95E-05	-2.62E-02	0.00E+00	0.00E+00	-1.18E+00	-3.36E-04	-2.02E-05	-1.78E-03	0.00E+00	0.00E+00	-3.58E-10	-5.10E-08	2.93E-04	-3.06E+00	0.00E+00	0.00E+00	-5.79E-01	0.00E+00	-1.48E-01	0.00E+00	8.90E-10	-5.65E-09	-4.11E-04	-2.12E-10	-3.83E-01	0.00E+00	-1.48E-01	-1.17E-05	-1.48E-01	-4.01E-01	-3.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+01
848512513	-6.30E-03	-6.41E-02	-6.24E-04	-7.86E-02	0.00E+00	0.00E+00	-1.48E+00	-6.21E-04	-1.25E-04	-2.75E-03	0.00E+00	0.00E+00	-5.95E-10	-8.23E-08	-5.13E-04	-3.55E+00	0.00E+00	0.00E+00	-8.20E-01	0.00E+00	-4.96E-01	0.00E+00	-2.52E-10	-9.53E-09	-8.00E-04	-2.12E-10	-4.92E-01	0.00E+00	-4.96E-01	-1.89E-05	-4.96E-01	-1.14E+00	-4.92E-01	0.00E+00	0.00E+00	0.00E+00	-3.53E+01
848512514	-6.00E-03	-6.31E-02	-5.14E-04	-7.32E-02	0.00E+00	0.00E+00	-1.44E+00	-5.62E-04	-1.12E-04	-2.08E-03	0.00E+00	0.00E+00	-6.31E-10	-7.69E-08	-3.58E-04	-3.31E+00	0.00E+00	0.00E+00	-7.17E-01	0.00E+00	-7.63E-01	0.00E+00	-1.94E-11	-9.01E-09	-7.52E-04	-2.12E-10	-4.33E-01	0.00E+00	-7.63E-01	-1.57E-05	-7.63E-01	-1.11E+00	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	-3.32E+01
848602502	-4.73E-03	-2.41E-02	-2.05E-04	-3.88E-02	0.00E+00	0.00E+00	-1.19E+00	-3.39E-04	-2.13E-05	-1.86E-03	0.00E+00	0.00E+00	-3.87E-10	-5.33E-08	7.63E-05	-3.16E+00	0.00E+00	0.00E+00	-6.03E-01	0.00E+00	-2.97E-04	0.00E+00	6.99E-10	-5.73E-09	-4.31E-04	-2.12E-10	-4.10E-01	0.00E+00	-2.97E-04	-1.18E-05	-2.97E-04	-4.66E-01	-4.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
848602503	-5.87E-03	-7.80E-02	-8.96E-04	-6.98E-02	0.00E+00	0.00E+00	-1.46E+00	-5.94E-04	-1.10E-04	-2.12E-03	0.00E+00	0.00E+00	-6.43E-10	-8.01E-08	-7.04E-04	-3.24E+00	0.00E+00	0.00E+00	-6.75E-01	0.00E+00	-6.66E-01	0.00E+00	-6.16E-10	-9.04E-09	-7.26E-04	-2.12E-10	-4.39E-01	0.00E+00	-6.66E-01	-1.59E-05	-6.66E-01	-1.17E+00	-4.39E-01	0.00E+00	0.00E+00	0.00E+00	-3.34E+01
848602504	-5.87E-03	-7.80E-02	-8.96E-04	-6.98E-02	0.00E+00	0.00E+00	-1.46E+00	-5.94E-04	-1.10E-04	-2.12E-03	0.00E+00	0.00E+00	-6.43E-10	-8.01E-08	-7.04E-04	-3.24E+00	0.00E+00	0.00E+00	-6.75E-01	0.00E+00	-6.66E-01	0.00E+00	-6.16E-10	-9.04E-09	-7.26E-04	-2.12E-10	-4.39E-01	0.00E+00	-6.66E-01	-1.59E-05	-6.66E-01	-1.17E+00	-4.39E-01	0.00E+00	0.00E+00	0.00E+00	-3.34E+01
848602507	-5.87E-03	-7.80E-02	-8.96E-04	-6.98E-02	0.00E+00	0.00E+00	-1.46E+00	-5.94E-04	-1.10E-04	-2.12E-03	0.00E+00	0.00E+00	-6.43E-10	-8.01E-08	-7.04E-04	-3.24E+00	0.00E+00	0.00E+00	-6.75E-01	0.00E+00	-6.66E-01	0.00E+00	-6.16E-10	-9.04E-09	-7.26E-04	-2.12E-10	-4.39E-01	0.00E+00	-6.66E-01	-1.59E-05	-6.66E-01	-1.17E+00	-4.39E-01	0.00E+00	0.00E+00	0.00E+00	-3.34E+01
848602512	-5.91E-03	-6.24E-02	-7.29E-04	-5.91E-02	0.00E+00	0.00E+00	-1.47E+00	-5.62E-04	-1.13E-04	-2.06E-03	0.00E+00	0.00E+00	-6.40E-10	-7.67E-08	-3.25E-04	-3.19E+00	0.00E+00	0.00E+00	-6.84E-01	0.00E+00	-7.73E-01	0.00E+00	5.55E-11	-9.01E-09	-7.31E-04	-2.12E-10	-4.13E-01	0.00E+00	-7.73E-01	-1.60E-05	-7.73E-01	-1.17E+00	-4.13E-01	0.00E+00	0.00E+00	0.00E+00	-3.26E+01
848612517	-6.23E-03	-6.62E-02	-6.14E-04	-7.63E-02	0.00E+00	0.00E+00	-1.50E+00	-6.10E-04	-1.14E-04	-2.69E-03	0.00E+00	0.00E+00	-6.09E-10	-8.10E-08	7.38E-04	-3.54E+00	0.00E+00	0.00E+00	-8.04E-01	0.00E+00	-3.63E-01	0.00E+00	6.44E-11	-1.03E-08	-8.74E-04	-2.12E-10	-5.26E-01	0.00E+00	-3.63E-01	-1.98E-05	-3.63E-01	-1.27E+00	-5.26E-01	0.00E+00	0.00E+00	0.00E+00	-3.89E+01
848702502	-4.71E-03	-2.36E-02	-2.14E-04	-3.88E-02	0.00E+00	0.00E+00	-1.18E+00	-3.40E-04	-2.61E-05	-1.91E-03	0.00E+00	0.00E+00	-3.78E-10	-5.26E-08	5.76E-05	-3.10E+00	0.00E+00	0.00E+00	-6.15E-01	0.00E+00	-2.97E-04	0.00E+00	7.09E-10	-5.98E-09	-4.34E-04	-2.12E-10	-3.88E-01	0.00E+00	-2.97E-04	-1.18E-05	-2.97E-04	-4.66E-01	-3.88E-01	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
848702503	-4.69E-03	-2.36E-02	-1.99E-04	-3.84E-02	0.00E+00	0.00E+00	-1.18E+00	-3.34E-04	-2.85E-05	-1.84E-03	0.00E+00	0.00E+00	-3.80E-10	-5.22E-08	4.60E-05	-3.10E+00	0.00E+00	0.00E+00	-6.31E-01	0.00E+00	-2.65E-03	0.00E+00	6.18E-10	-5.88E-09	-4.15E-04	-2.12E-10	-3.89E-01	0.00E+00	-2.65E-03	-1.17E-05	-2.65E-03	-4.66E-01	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
848702504	-4.69E-03	-2.36E-02	-2.14E-04	-3.88E-02	0.00E+00	0.00E+00	-1.18E+00	-3.34E-04	-2.85E-05	-1.86E-03	0.00E+00	0.00E+00	-3.81E-10	-5.24E-08	1.87E-05	-3.10E+00	0.00E+00	0.00E+00	-6.29E-01	0.00E+00	-2.97E-04	0.00E+00	6.67E-10	-5.97E-09	-4.27E-04	-2.12E-10	-3.89E-01	0.00E+00	-2.97E-04	-1.17E-05	-2.97E-04	-4.66E-01	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.76E+01
848712502	-6.03E-03	-6.43E-02	-7.07E-04	-6.84E-02	0.00E+00	0.00E+00	-1.45E+00	-5.56E-04	-1.15E-04	-2.08E-03	0.00E+00	0.00E+00	-6.34E-10	-7.90E-08	-3.46E-04	-3.34E+00	0.00E+00	0.00E+00	-6.55E-01	0.00E+00	-6.73E-01	0.00E+00	2.46E-13	-9.06E-09	-7.62E-04	-2.12E-10	-4.56E-01	0.00E+00	-6.73E-01	-1.59E-05	-6.73E-01	-1.24E+00	-4.56E-01	0.00E+00	0.00E+00	0.00E+00	-3.33E+01
848712503	-4.70E-03	-2.20E-02	-1.76E-04	-3.86E-02	0.00E+00	0.00E+00	-1.19E+00	-3.34E-04	-1.24E-05	-1.77E-03	0.00E+00	0.00E+00	-3.63E-10	-5.14E-08	4.11E-04	-3.12E+00	0.00E+00	0.00E+00	-5.59E-01	0.00E+00	6.37E-03	0.00E+00	8.37E-10	-5.46E-09	-3.83E-04	-2.12E-10	-4.10E-01	0.00E+00	6.37E-03	-1.17E-05	6.37E-03	-4.64E-01	-4.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
848712504	-6.05E-03	-7.74E-02	-8.54E-04	-6.66E-02	0.00E+00	0.00E+00	-1.46E+00	-5.53E-04	-1.10E-04	-2.11E-03	0.00E+00	0.00E+00	-6.47E-10	-7.79E-08	-7.55E-04	-3.20E+00	0.00E+00	0.00E+00	-6.71E-01	0.00E+00	-6.80E-01	0.00E+00	-5.06E-10	-9.01E-09	-7.44E-04	-2.12E-10	-4.34E-01	0.00E+00	-6.80E-01	-1.58E-05	-6.80E-01	-1.14E+00	-4.34E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
848712505	-6.05E-03	-7.74E-02	-8.54E-04	-6.66E-02	0.00E+00	0.00E+00	-1.46E+00	-5.54E-04	-1.10E-04	-2.09E-03	0.00E+00	0.00E+00	-6.47E-10	-7.79E-08	-7.62E-04	-3.20E+00	0.00E+00	0.00E+00	-6.67E-01	0.00E+00	-6.80E-01	0.00E+00	-5.06E-10	-9.01E-09	-7.44E-04	-2.12E-10	-4.34E-01	0.00E+00	-6.80E-01	-1.57E-05	-6.80E-01	-1.14E+00	-4.34E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
848712512	-6.23E-03	-6.53E-02	-6.00E-04	-7.63E-02	0.00E+00	0.00E+00	-1.49E+00	-6.10E-04	-1.03E-04	-2.69E-03	0.00E+00	0.00E+00	-6.05E-10	-8.10E-08	-4.21E-05	-3.53E+00	0.00E+00	0.00E+00	-8.02E-01	0.00E+00	-3.63E-01	0.00E+00	9.87E-11	-1.02E-08	-8.57E-04	-2.12E-10	-5.19E-01	0.00E+00	-3.63E-01	-1.93E-05	-3.63E-01	-1.27E+00	-5.19E-01	0.00E+00	0.00E+00	0.00E+00	-3.89E+01
848712513	-5.99E-03	-6.24E-02	-7.24E-04	-5.91E-02	0.00E+00	0.00E+00	-1.47E+00	-5.62E-04	-1.13E-04	-2.09E-03	0.00E+00	0.00E+00	-6.48E-10	-7.67E-08	-3.49E-04	-3.20E+00	0.00E+00	0.00E+00	-6.89E-01	0.00E+00	-7.67E-01	0.00E+00	1.52E-10	-8.98E-09	-7.28E-04	-2.12E-10	-4.21E-01	0.00E+00	-7.67E-01	-1.60E-05	-7.67E-01	-1.20E+00	-4.21E-01	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
848712514	-4.69E-03	-2.04E-02	-1.06E-04	-2.80E-02	0.00E+00	0.00E+00	-1.18E+00	-3.36E-04	-1.56E-05	-1.85E-03	0.00E+00	0.00E+00	-3.72E-10	-5.23E-08	3.40E-04	-3.12E+00	0.00E+00	0.00E+00	-5.71E-01	0.00E+00	-1.50E-01	0.00E+00	9.11E-10	-5.67E-09	-3.99E-04	-2.12E-10	-3.81E-01	0.00E+00	-1.50E-01	-1.18E-05	-1.50E-01	-5.22E-01	-3.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.57E+01
848812502	-6.05E-03	-7.74E-02	-8.63E-04	-6.66E-02	0.00E+00	0.00E+00	-1.46E+00	-5.53E-04	-1.10E-04	-2.12E-03	0.00E+00	0.00E+00	-6.47E-10	-7.79E-08	-7.55E-04	-3.20E+00	0.00E+00	0.00E+00	-6.71E-01	0.00E+00	-6.80E-01	0.00E+00	-5.06E-10	-9.02E-09	-7.44E-04	-2.12E-10	-4.34E-01	0.00E+00	-6.80E-01	-1.58E-05	-6.80E-01	-1.14E+00	-4.34E-01	0.00E+00	0.00E+00	0.00E+00	-3.36E+01
8618505	-2.58E-03	-1.64E-02	3.79E-05	-1.69E-02	0.00E+00	0.00E+00	-4.76E-01	-1.57E-04	1.19E-05	-1.08E-03	0.00E+00	0.00E+00	-2.71E-10	-1.91E-08	3.59E-04	-8.26E-01	0.00E+00	0.00E+00	-3.01E-01	0.00E+00	-3.03E-02	0.00E+00	5.53E-10	-3.23E-09	-1.97E-04	-2.12E-10	-1.18E-01	0.00E+00	-3.03E-02	-5.95E-06	-3.03E-02	-2.08E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
861852501	-2.57E-03	-1.66E-02	7.79E-05	-1.44E-02	0.00E+00	0.00E+00	-4.53E-01	-1.56E-04	6.64E-05	-8.29E-04	0.00E+00	0.00E+00	-2.34E-10	-1.77E-08	6.94E-04	-7.10E-01	0.00E+00	0.00E+00	-1.57E-01	0.00E+00	-1.49E-02	0.00E+00	6.37E-10	-2.93E-09	-1.63E-04	-2.12E-10	-9.71E-02	0.00E+00	-1.49E-02	-5.91E-06	-1.49E-02	-1.92E-01	-9.71E-02	0.00E+00	0.00E+00	0.00E+00	-8.86E+00
861852502	-2.55E-03	-1.64E-02	3.79E-05	-1.62E-02	0.00E+00	0.00E+00	-4.78E-01	-1.57E-04	1.39E-05	-1.05E-03	0.00E+00	0.00E+00	-2.59E-10	-1.88E-08	3.53E-04	-8.26E-01	0.00E+00	0.00E+00	-3.00E-01	0.00E+00	-2.76E-02	0.00E+00	5.53E-10	-3.21E-09	-1.85E-04	-2.12E-10	-1.23E-01	0.00E+00	-2.76E-02	-5.90E-06	-2.76E-02	-2.08E-01	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+01
861852505	-2.72E-03	-1.74E-02	2.51E-05	-1.76E-02	0.00E+00	0.00E+00	-5.00E-01	-1.73E-04	8.14E-06	-1.22E-03	0.00E+00	0.00E+00	-3.20E-10	-2.13E-08	3.39E-04	-7.97E-01	0.00E+00	0.00E+00	-3.60E-01	0.00E+00	-2.76E-02	0.00E+00	5.34E-10	-3.63E-09	-2.77E-04	-2.12E-10	-1.20E-01	0.00E+00	-2.76E-02	-6.88E-06	-2.76E-02	-2.08E-01	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
8619505	-2.73E-03	-1.88E-02	9.39E-05	-2.14E-02	0.00E+00	0.00E+00	-5.17E-01	-2.00E-04	1.75E-05	-1.17E-03	0.00E+00	0.00E+00	-3.29E-10	-2.23E-08	6.02E-04	-8.67E-01	0.00E+00	0.00E+00	-3.41E-01	0.00E+00	-7.25E-02	0.00E+00	6.86E-10	-3.67E-09	-3.35E-04	-2.12E-10	-1.24E-01	0.00E+00	-7.25E-02	-7.40E-06	-7.25E-02	-2.93E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+01
861952502	-2.62E-03	-1.65E-02	1.04E-04	-1.60E-02	0.00E+00	0.00E+00	-4.79E-01	-1.61E-04	4.02E-05	-9.70E-04	0.00E+00	0.00E+00	-2.63E-10	-1.94E-08	9.18E-04	-7.56E-01	0.00E+00	0.00E+00	-2.66E-01	0.00E+00	-2.22E-02	0.00E+00	8.07E-10	-3.08E-09	-2.55E-04	-2.12E-10	-1.13E-01	0.00E+00	-2.22E-02	-6.27E-06	-2.22E-02	-2.07E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+01
861952505	-2.56E-03	-1.63E-02	8.25E-05	-1.66E-02	0.00E+00	0.00E+00	-4.60E-01	-1.63E-04	2.33E-05	-1.08E-03	0.00E+00	0.00E+00	-2.84E-10	-1.97E-08	7.61E-04	-7.63E-01	0.00E+00	0.00E+00	-3.11E-01	0.00E+00	-3.14E-02	0.00E+00	7.53E-10	-3.15E-09	-2.69E-04	-2.12E-10	-1.15E-01	0.00E+00	-3.14E-02	-6.48E-06	-3.14E-02	-2.07E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+01
861952506	-2.46E-03	-1.57E-02	9.53E-05	-1.57E-02	0.00E+00	0.00E+00	-4.70E-01	-1.47E-04	2.90E-05	-8.96E-04	0.00E+00	0.00E+00	-2.21E-10	-1.76E-08	7.74E-04	-7.86E-01	0.00E+00	0.00E+00	-2.49E-01	0.00E+00	-3.14E-02	0.00E+00	8.02E-10	-2.73E-09	-1.67E-04	-2.12E-10	-1.16E-01	0.00E+00	-3.14E-02	-5.42E-06	-3.14E-02	-2.07E-01	-1.16E-01	0.00E+00	0.00E+00	0.00E+00	-9.01E+00
8624900	-2.80E-03	-1.96E-02	6.39E-05	-2.27E-02	0.00E+00	0.00E+00	-4.33E-01	-1.73E-04	2.30E-05	-1.09E-03	0.00E+00	0.00E+00	-2.68E-10	-2.19E-08	3.60E-04	-6.90E-01	0.00E+00	0.00E+00	-2.04E-01	0.00E+00	-8.67E-02	0.00E+00	4.79E-10	-3.10E-09	-2.37E-04	-2.12E-10	-9.57E-02	0.00E+00	-8.67E-02	-7.26E-06	-8.67E-02	-2.76E-01	-9.57E-02	0.00E+00	0.00E+00	0.00E+00	-1.03E+01
8624905	-3.67E-03	-2.40E-02	-3.77E-05	-2.14E-02	0.00E+00	0.00E+00	-6.18E-01	-3.10E-04	-1.07E-05	-1.41E-03	0.00E+00	0.00E+00	-3.09E-10	-3.73E-08	8.19E-05	-1.81E+00	0.00E+00	0.00E+00	-4.63E-01	0.00E+00	-3.32E-02	0.00E+00	4.99E-10	-6.63E-09	-4.51E-04	-2.12E-10	-2.87E-01	0.00E+00	-3.32E-02	-8.46E-06	-3.32E-02	-2.49E-01	-2.87E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+01
862492502	-3.77E-03	-2.42E-02	-5.01E-05	-2.12E-02	0.00E+00	0.00E+00	-6.18E-01	-3.07E-04	-1.67E-05	-1.36E-03	0.00E+00	0.00E+00	-3.00E-10	-3.66E-08	7.08E-05	-1.81E+00	0.00E+00	0.00E+00	-4.62E-01	0.00E+00	-3.66E-02	0.00E+00	4.72E-10	-6.27E-09	-4.08E-04	-2.12E-10	-2.86E-01	0.00E+00	-3.66E-02	-8.09E-06	-3.66E-02	-2.53E-01	-2.86E-01	0.00E+00	0.00E+00	0.00E+00	-2.07E+01
862492505	-3.68E-03	-2.40E-02	-3.43E-05	-2.14E-02	0.00E+00	0.00E+00	-6.20E-01	-3.10E-04	-1.07E-05	-1.41E-03	0.00E+00	0.00E+00	-3.11E-10	-3.73E-08	7.95E-05	-1.84E+00	0.00E+00	0.00E+00	-4.63E-01	0.00E+00	-3.08E-02	0.00E+00	5.14E-10	-6.60E-09	-4.51E-04	-2.12E-10	-2.97E-01	0.00E+00	-3.08E-02	-8.34E-06	-3.08E-02	-2.49E-01	-2.97E-01	0.00E+00	0.00E+00	0.00E+00	-2.25E+01
862572502	-3.76E-03	-1.84E-02	6.53E-05	-1.08E-02	0.00E+00	0.00E+00	-5.96E-01	-3.12E-04	4.25E-06	-1.28E-03	0.00E+00	-4.39E-08	-3.07E-10	-3.79E-08	2.25E-04	-1.95E+00	0.00E+00	0.00E+00	-3.84E-01	-1.57E-05	-1.79E-01	0.00E+00	8.69E-10	-5.99E-09	-3.73E-04	-2.12E-10	-3.14E-01	0.00E+00	-1.79E-01	-7.47E-06	-1.79E-01	-3.05E-01	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
862572505	-3.76E-03	-1.84E-02	5.90E-05	-1.08E-02	0.00E+00	0.00E+00	-5.99E-01	-3.13E-04	4.95E-06	-1.28E-03	0.00E+00	-4.39E-08	-3.05E-10	-3.75E-08	2.49E-04	-1.95E+00	0.00E+00	0.00E+00	-3.86E-01	-1.57E-05	-1.79E-01	0.00E+00	8.69E-10	-6.14E-09	-3.73E-04	-2.12E-10	-3.14E-01	0.00E+00	-1.79E-01	-7.56E-06	-1.79E-01	-3.05E-01	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
8625900	-4.32E-03	-2.28E-02	-1.77E-04	-3.32E-02	0.00E+00	0.00E+00	-1.07E+00	-3.40E-04	1.58E-05	-1.34E-03	0.00E+00	0.00E+00	-3.01E-10	-4.77E-08	2.48E-05	-1.22E+00	0.00E+00	0.00E+00	-3.28E-01	0.00E+00	-1.28E-01	0.00E+00	4.54E-10	-3.76E-09	-3.42E-04	-2.12E-10	-1.22E-01	0.00E+00	-1.28E-01	-1.07E-05	-1.28E-01	-4.81E-01	-1.22E-01	0.00E+00	0.00E+00	0.00E+00	-1.39E+01
862622502	-3.99E-03	-2.65E-02	-1.21E-04	-3.66E-02	0.00E+00	0.00E+00	-6.23E-01	-3.31E-04	-1.56E-05	-1.59E-03	0.00E+00	-1.35E-07	-3.88E-10	-4.18E-08	3.46E-04	-3.71E+00	0.00E+00	0.00E+00	-6.31E-01	-4.83E-05	-2.19E-01	0.00E+00	6.78E-10	-7.26E-09	-4.78E-04	-2.12E-10	-7.35E-01	0.00E+00	-2.19E-01	-9.56E-06	-2.19E-01	-2.70E-01	-7.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.54E+01
862622505	-4.87E-03	-6.44E-02	-1.23E-03	-6.31E-02	0.00E+00	0.00E+00	-1.22E+00	-4.79E-04	-2.25E-04	-2.87E-03	0.00E+00	-4.57E-07	-6.89E-10	-5.63E-08	-1.41E-03	-1.82E+00	0.00E+00	0.00E+00	-9.91E-01	-1.63E-04	-5.45E-01	0.00E+00	-2.78E-09	-1.06E-08	-8.34E-04	-1.07E-07	-3.04E-01	0.00E+00	-5.45E-01	-1.64E-05	-5.45E-01	-8.49E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-4.21E+01
862622506	-3.92E-03	-2.62E-02	-1.29E-04	-3.38E-02	0.00E+00	0.00E+00	-6.27E-01	-3.28E-04	-1.54E-05	-1.58E-03	0.00E+00	-1.35E-07	-3.83E-10	-4.17E-08	1.02E-04	-4.40E+00	0.00E+00	0.00E+00	-5.58E-01	-4.83E-05	-1.65E-01	0.00E+00	6.63E-10	-7.41E-09	-4.68E-04	-2.12E-10	-1.00E+00	0.00E+00	-1.65E-01	-9.84E-06	-1.65E-01	-2.60E-01	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
8627205	-2.66E-03	-1.52E-02	1.34E-04	-1.88E-02	0.00E+00	0.00E+00	-4.86E-01	-1.81E-04	4.65E-05	-1.04E-03	0.00E+00	0.00E+00	-2.81E-10	-2.07E-08	7.55E-04	-7.54E-01	0.00E+00	0.00E+00	-1.98E-01	0.00E+00	-8.49E-02	0.00E+00	7.87E-10	-3.14E-09	-2.62E-04	-2.12E-10	-9.91E-02	0.00E+00	-8.49E-02	-6.97E-06	-8.49E-02	-2.81E-01	-9.91E-02	0.00E+00	0.00E+00	0.00E+00	-1.08E+01
863012502	-4.95E-03	-2.15E-02	-1.40E-04	-3.58E-02	0.00E+00	0.00E+00	-1.16E+00	-3.25E-04	-6.33E-05	-1.79E-03	0.00E+00	0.00E+00	-3.62E-10	-4.86E-08	4.79E-04	-1.40E+00	0.00E+00	0.00E+00	-5.76E-01	0.00E+00	-5.85E-02	0.00E+00	7.11E-10	-5.07E-09	-4.01E-04	-2.12E-10	-1.77E-01	0.00E+00	-5.85E-02	-1.15E-05	-5.85E-02	-4.20E-01	-1.77E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+01
863012505	-6.61E-03	-6.05E-02	-5.84E-04	-5.15E-02	0.00E+00	0.00E+00	-1.40E+00	-5.46E-04	-1.29E-04	-2.06E-03	0.00E+00	0.00E+00	-6.44E-10	-7.69E-08	-2.27E-04	-1.59E+00	0.00E+00	0.00E+00	-6.55E-01	0.00E+00	-6.98E-01	0.00E+00	-7.76E-11	-8.69E-09	-7.34E-04	-2.12E-10	-2.07E-01	0.00E+00	-6.98E-01	-1.53E-05	-6.98E-01	-9.34E-01	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-3.19E+01
863012512	-6.90E-03	-6.59E-02	-5.93E-04	-7.34E-02	0.00E+00	0.00E+00	-1.49E+00	-6.12E-04	-1.41E-04	-2.81E-03	0.00E+00	0.00E+00	-6.23E-10	-8.15E-08	6.81E-04	-2.24E+00	0.00E+00	0.00E+00	-8.20E-01	0.00E+00	-3.30E-01	0.00E+00	8.16E-11	-1.04E-08	-8.83E-04	-2.12E-10	-3.53E-01	0.00E+00	-3.30E-01	-2.04E-05	-3.30E-01	-1.06E+00	-3.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.95E+01
863012513	-4.95E-03	-2.01E-02	-7.47E-05	-2.53E-02	0.00E+00	0.00E+00	-1.15E+00	-3.28E-04	-6.47E-05	-1.77E-03	0.00E+00	0.00E+00	-3.60E-10	-4.84E-08	4.51E-04	-1.40E+00	0.00E+00	0.00E+00	-5.86E-01	0.00E+00	-1.92E-01	0.00E+00	8.87E-10	-4.90E-09	-4.00E-04	-2.12E-10	-1.63E-01	0.00E+00	-1.92E-01	-1.13E-05	-1.92E-01	-4.02E-01	-1.63E-01	0.00E+00	0.00E+00	0.00E+00	-2.41E+01
863012514	-6.58E-03	-6.38E-02	-4.68E-04	-7.24E-02	0.00E+00	0.00E+00	-1.45E+00	-6.07E-04	-1.26E-04	-2.71E-03	0.00E+00	0.00E+00	-6.05E-10	-8.09E-08	-2.82E-05	-2.19E+00	0.00E+00	0.00E+00	-8.06E-01	0.00E+00	-4.43E-01	0.00E+00	-2.43E-11	-1.02E-08	-8.55E-04	-2.12E-10	-3.57E-01	0.00E+00	-4.43E-01	-1.86E-05	-4.43E-01	-1.02E+00	-3.57E-01	0.00E+00	0.00E+00	0.00E+00	-3.83E+01
863012515	-6.68E-03	-6.10E-02	-5.40E-04	-7.34E-02	0.00E+00	0.00E+00	-1.45E+00	-5.60E-04	-1.35E-04	-2.16E-03	0.00E+00	0.00E+00	-6.49E-10	-7.55E-08	-2.86E-04	-1.82E+00	0.00E+00	0.00E+00	-7.38E-01	0.00E+00	-7.63E-01	0.00E+00	-5.12E-11	-9.23E-09	-7.37E-04	-2.12E-10	-2.29E-01	0.00E+00	-7.63E-01	-1.56E-05	-7.63E-01	-1.09E+00	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	-3.38E+01
863012517	-4.95E-03	-2.09E-02	-7.47E-05	-2.57E-02	0.00E+00	0.00E+00	-1.15E+00	-3.28E-04	-6.32E-05	-1.77E-03	0.00E+00	0.00E+00	-3.59E-10	-4.85E-08	4.49E-04	-1.43E+00	0.00E+00	0.00E+00	-5.88E-01	0.00E+00	-1.92E-01	0.00E+00	8.77E-10	-4.98E-09	-3.91E-04	-2.12E-10	-1.84E-01	0.00E+00	-1.92E-01	-1.13E-05	-1.92E-01	-4.02E-01	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
863512502	-6.61E-03	-6.05E-02	-5.84E-04	-5.15E-02	0.00E+00	0.00E+00	-1.40E+00	-5.46E-04	-1.29E-04	-2.06E-03	0.00E+00	0.00E+00	-6.44E-10	-7.69E-08	-2.27E-04	-1.59E+00	0.00E+00	0.00E+00	-6.55E-01	0.00E+00	-6.98E-01	0.00E+00	-7.76E-11	-8.69E-09	-7.34E-04	-2.12E-10	-2.07E-01	0.00E+00	-6.98E-01	-1.53E-05	-6.98E-01	-9.34E-01	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-3.19E+01
863512503	-6.61E-03	-6.05E-02	-5.84E-04	-5.15E-02	0.00E+00	0.00E+00	-1.40E+00	-5.46E-04	-1.29E-04	-2.06E-03	0.00E+00	0.00E+00	-6.44E-10	-7.69E-08	-2.27E-04	-1.59E+00	0.00E+00	0.00E+00	-6.55E-01	0.00E+00	-6.98E-01	0.00E+00	-7.76E-11	-8.69E-09	-7.34E-04	-2.12E-10	-2.07E-01	0.00E+00	-6.98E-01	-1.53E-05	-6.98E-01	-9.34E-01	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-3.19E+01
863512504	-4.95E-03	-2.10E-02	-1.35E-04	-3.58E-02	0.00E+00	0.00E+00	-1.16E+00	-3.25E-04	-6.33E-05	-1.78E-03	0.00E+00	0.00E+00	-3.62E-10	-4.86E-08	4.79E-04	-1.35E+00	0.00E+00	0.00E+00	-5.83E-01	0.00E+00	-6.09E-02	0.00E+00	6.32E-10	-5.01E-09	-3.98E-04	-2.12E-10	-1.51E-01	0.00E+00	-6.09E-02	-1.15E-05	-6.09E-02	-4.20E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+01
9418505	-3.33E-03	-4.33E-02	-5.15E-04	-4.28E-02	0.00E+00	0.00E+00	-7.67E-01	-3.34E-04	-1.36E-04	-1.90E-03	0.00E+00	0.00E+00	-4.07E-10	-3.88E-08	-4.96E-04	-1.85E+00	0.00E+00	0.00E+00	-6.07E-01	0.00E+00	-2.39E-01	0.00E+00	-1.21E-09	-6.83E-09	-5.39E-04	0.00E+00	-2.88E-01	0.00E+00	-2.39E-01	-9.62E-06	-2.39E-01	-5.27E-01	-2.88E-01	0.00E+00	0.00E+00	0.00E+00	-2.62E+01
9418525	-2.89E-03	-2.45E-02	-5.72E-05	-2.63E-02	0.00E+00	0.00E+00	-5.47E-01	-2.68E-04	-2.68E-05	-1.55E-03	0.00E+00	0.00E+00	-3.75E-10	-3.11E-08	-1.21E-04	-1.11E+00	0.00E+00	0.00E+00	-4.87E-01	0.00E+00	-6.68E-02	0.00E+00	7.05E-10	-4.48E-09	-4.34E-04	-2.12E-10	-1.91E-01	0.00E+00	-6.68E-02	-8.24E-06	-6.68E-02	-2.75E-01	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.95E+01
941852501	-2.77E-03	-2.15E-02	-4.98E-05	-2.59E-02	0.00E+00	0.00E+00	-5.08E-01	-2.49E-04	-4.07E-05	-1.45E-03	0.00E+00	0.00E+00	-3.45E-10	-3.01E-08	-3.21E-04	-9.82E-01	0.00E+00	0.00E+00	-4.36E-01	0.00E+00	-6.68E-02	0.00E+00	7.25E-10	-4.14E-09	-3.72E-04	-2.12E-10	-1.55E-01	0.00E+00	-6.68E-02	-7.87E-06	-6.68E-02	-2.71E-01	-1.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
941852502	-3.54E-03	-4.55E-02	-6.04E-04	-4.49E-02	0.00E+00	0.00E+00	-8.20E-01	-3.53E-04	-1.58E-04	-2.02E-03	0.00E+00	0.00E+00	-4.32E-10	-4.11E-08	-5.81E-04	-1.87E+00	0.00E+00	0.00E+00	-6.50E-01	0.00E+00	-2.65E-01	0.00E+00	-1.38E-09	-7.23E-09	-5.72E-04	0.00E+00	-2.93E-01	0.00E+00	-2.65E-01	-1.03E-05	-2.65E-01	-5.58E-01	-2.93E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
941852505	-3.49E-03	-1.83E-02	-5.40E-04	-1.78E-02	0.00E+00	0.00E+00	-8.44E-01	-3.55E-04	-1.48E-04	-1.90E-03	0.00E+00	0.00E+00	-5.02E-10	-4.14E-08	-6.29E-05	-2.88E-01	0.00E+00	0.00E+00	-6.56E-01	0.00E+00	-1.15E-01	0.00E+00	1.24E-10	-6.27E-09	-5.52E-04	0.00E+00	-6.20E-02	0.00E+00	-1.15E-01	-1.03E-05	-1.15E-01	-1.77E-01	-6.20E-02	0.00E+00	0.00E+00	0.00E+00	-2.85E+01
941852506	-2.75E-03	-2.14E-02	-5.41E-05	-2.59E-02	0.00E+00	0.00E+00	-5.03E-01	-2.44E-04	-3.46E-05	-1.46E-03	0.00E+00	0.00E+00	-3.28E-10	-2.93E-08	-2.99E-04	-1.06E+00	0.00E+00	0.00E+00	-4.07E-01	0.00E+00	-7.20E-02	0.00E+00	6.06E-10	-4.32E-09	-3.77E-04	-2.12E-10	-1.57E-01	0.00E+00	-7.20E-02	-7.72E-06	-7.20E-02	-2.76E-01	-1.57E-01	0.00E+00	0.00E+00	0.00E+00	-1.74E+01
9419505	3.35E-04	-7.57E-03	9.30E-04	-8.50E-03	0.00E+00	0.00E+00	1.80E-01	2.71E-07	2.33E-04	9.77E-05	0.00E+00	0.00E+00	2.90E-11	2.59E-09	8.26E-04	-1.48E+00	0.00E+00	0.00E+00	1.52E-01	0.00E+00	1.85E-01	0.00E+00	1.44E-09	1.82E-10	4.38E-05	0.00E+00	-1.97E-01	0.00E+00	1.85E-01	3.06E-08	1.85E-01	-1.20E-02	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	5.68E+00
941952501	-2.72E-03	-2.04E-02	3.46E-05	-2.49E-02	0.00E+00	0.00E+00	-5.22E-01	-1.67E-04	-2.41E-05	-1.22E-03	0.00E+00	0.00E+00	-3.36E-10	-2.11E-08	6.11E-04	-8.89E-01	0.00E+00	0.00E+00	-3.41E-01	0.00E+00	-7.72E-02	0.00E+00	6.96E-10	-3.94E-09	-3.00E-04	-2.12E-10	-1.33E-01	0.00E+00	-7.72E-02	-7.74E-06	-7.72E-02	-2.69E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+01
941952502	3.35E-04	-7.57E-03	9.30E-04	-8.50E-03	0.00E+00	0.00E+00	1.80E-01	2.71E-07	2.33E-04	9.77E-05	0.00E+00	0.00E+00	2.90E-11	2.59E-09	8.26E-04	-1.48E+00	0.00E+00	0.00E+00	1.52E-01	0.00E+00	1.85E-01	0.00E+00	1.44E-09	1.82E-10	4.38E-05	0.00E+00	-1.97E-01	0.00E+00	1.85E-01	3.06E-08	1.85E-01	-1.20E-02	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	5.68E+00
941952505	-3.23E-03	-5.96E-03	-1.61E-04	-5.80E-03	0.00E+00	0.00E+00	-7.04E-01	-3.34E-04	-1.16E-04	-1.67E-03	0.00E+00	0.00E+00	-3.95E-10	-3.86E-08	4.46E-04	-3.80E-01	0.00E+00	0.00E+00	-5.22E-01	0.00E+00	5.38E-02	0.00E+00	1.10E-09	-5.07E-09	-4.69E-04	0.00E+00	-6.42E-02	0.00E+00	5.38E-02	-9.49E-06	5.38E-02	-1.04E-02	-6.42E-02	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
941952506	-3.58E-03	-3.42E-02	-8.15E-04	-3.34E-02	0.00E+00	0.00E+00	-8.90E-01	-3.56E-04	-1.62E-04	-2.07E-03	0.00E+00	0.00E+00	-5.16E-10	-4.15E-08	-8.09E-04	-3.95E-01	0.00E+00	0.00E+00	-7.26E-01	0.00E+00	-3.56E-01	0.00E+00	-1.74E-09	-7.27E-09	-6.06E-04	0.00E+00	-8.61E-02	0.00E+00	-3.56E-01	-1.04E-05	-3.56E-01	-4.42E-01	-8.61E-02	0.00E+00	0.00E+00	0.00E+00	-3.10E+01
9419605	-2.89E-03	-2.35E-02	-5.08E-05	-2.37E-02	0.00E+00	0.00E+00	-5.15E-01	-2.44E-04	-3.30E-05	-1.48E-03	0.00E+00	0.00E+00	-3.34E-10	-2.80E-08	5.44E-05	-9.45E-01	0.00E+00	0.00E+00	-4.29E-01	0.00E+00	-6.99E-02	0.00E+00	5.93E-10	-4.29E-09	-3.45E-04	-2.12E-10	-1.47E-01	0.00E+00	-6.99E-02	-7.59E-06	-6.99E-02	-2.80E-01	-1.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+01
9419609	-4.04E-03	-7.18E-02	-6.70E-04	-1.10E-01	0.00E+00	0.00E+00	-8.32E-01	-3.82E-04	-1.17E-04	-1.76E-03	0.00E+00	0.00E+00	-6.38E-10	-4.62E-08	-6.34E-04	-1.39E+00	0.00E+00	0.00E+00	-5.66E-01	0.00E+00	-4.21E-01	0.00E+00	-6.32E-10	-7.56E-09	-6.45E-04	-2.12E-10	-2.64E-01	0.00E+00	-4.21E-01	-1.21E-05	-4.21E-01	-1.18E+00	-2.64E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
9419705	-3.67E-03	-2.07E-02	-6.74E-05	-2.14E-02	0.00E+00	0.00E+00	-5.87E-01	-3.44E-04	8.39E-06	-1.43E-03	0.00E+00	0.00E+00	-3.86E-10	-4.02E-08	2.42E-04	-2.52E+00	0.00E+00	0.00E+00	-5.40E-01	0.00E+00	1.12E-02	0.00E+00	7.10E-10	-6.25E-09	-4.46E-04	-2.12E-10	-3.80E-01	0.00E+00	1.12E-02	-8.48E-06	1.12E-02	-2.62E-01	-3.80E-01	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
9419709	-3.90E-03	-3.91E-02	-1.33E-04	-2.95E-02	0.00E+00	0.00E+00	-6.51E-01	-3.87E-04	-2.48E-05	-1.55E-03	0.00E+00	0.00E+00	-4.66E-10	-4.20E-08	1.35E-04	-2.53E+00	0.00E+00	0.00E+00	-6.07E-01	0.00E+00	-1.19E-01	0.00E+00	4.52E-10	-6.72E-09	-5.14E-04	-2.12E-10	-3.84E-01	0.00E+00	-1.19E-01	-9.39E-06	-1.19E-01	-3.80E-01	-3.84E-01	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
9419728	-3.59E-03	-2.83E-02	-1.17E-04	-2.39E-02	0.00E+00	0.00E+00	-6.55E-01	-3.93E-04	-4.12E-05	-1.64E-03	0.00E+00	-5.48E-09	-3.89E-10	-4.16E-08	3.21E-05	-1.76E+00	0.00E+00	0.00E+00	-5.27E-01	-1.96E-06	-5.73E-02	0.00E+00	6.74E-10	-6.04E-09	-4.53E-04	-2.12E-10	-2.76E-01	0.00E+00	-5.73E-02	-9.02E-06	-5.73E-02	-3.27E-01	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
9419805	-3.93E-03	-3.80E-02	-2.44E-04	-3.35E-02	0.00E+00	0.00E+00	-7.01E-01	-3.98E-04	-4.24E-05	-1.66E-03	0.00E+00	0.00E+00	-4.86E-10	-4.08E-08	-7.10E-05	-2.51E+00	0.00E+00	0.00E+00	-5.66E-01	0.00E+00	-1.76E-01	0.00E+00	7.14E-10	-6.55E-09	-4.74E-04	-2.12E-10	-3.79E-01	0.00E+00	-1.76E-01	-1.04E-05	-1.76E-01	-4.81E-01	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	-2.81E+01
9419909	-4.19E-03	-3.00E-02	-2.67E-04	-1.67E-02	0.00E+00	0.00E+00	-1.07E+00	-4.42E-04	-2.66E-04	-6.40E-03	0.00E+00	0.00E+00	-1.16E-09	-5.17E-08	9.76E-05	-2.38E+00	0.00E+00	0.00E+00	-2.45E+00	0.00E+00	-1.05E-01	0.00E+00	1.08E-09	-2.13E-08	-2.00E-03	-2.12E-10	-3.43E-01	0.00E+00	-1.05E-01	-1.74E-05	-1.05E-01	-4.55E-01	-3.43E-01	0.00E+00	0.00E+00	0.00E+00	-7.17E+01
9429603	-3.01E-03	-1.91E-02	2.47E-05	-2.98E-02	0.00E+00	0.00E+00	-5.87E-01	-2.51E-04	-2.62E-05	-1.53E-03	0.00E+00	0.00E+00	-4.19E-10	-3.13E-08	6.73E-04	-1.22E+00	0.00E+00	0.00E+00	-4.95E-01	0.00E+00	-3.71E-02	0.00E+00	1.28E-09	-4.84E-09	-4.30E-04	-2.12E-10	-2.05E-01	0.00E+00	-3.71E-02	-8.82E-06	-3.71E-02	-2.68E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
9429605	-5.48E-03	-8.48E-02	-3.62E-04	-1.12E-01	0.00E+00	0.00E+00	-1.00E+00	-5.93E-04	-1.14E-04	-2.11E-03	0.00E+00	0.00E+00	-7.71E-10	-6.70E-08	1.56E-03	-3.24E+00	0.00E+00	0.00E+00	-6.70E-01	0.00E+00	6.13E-03	0.00E+00	7.05E-10	-1.03E-08	-8.58E-04	-2.12E-10	-5.93E-01	0.00E+00	6.13E-03	-1.44E-05	6.13E-03	-1.28E+00	-5.93E-01	0.00E+00	0.00E+00	0.00E+00	-3.16E+01
9429606	-5.31E-03	-8.58E-02	-4.35E-04	-1.13E-01	0.00E+00	0.00E+00	-9.88E-01	-5.45E-04	-1.25E-04	-2.13E-03	0.00E+00	0.00E+00	-7.41E-10	-6.45E-08	1.56E-03	-3.16E+00	0.00E+00	0.00E+00	-6.67E-01	0.00E+00	-5.87E-02	0.00E+00	4.69E-10	-1.01E-08	-8.41E-04	-2.12E-10	-5.85E-01	0.00E+00	-5.87E-02	-1.41E-05	-5.87E-02	-1.32E+00	-5.85E-01	0.00E+00	0.00E+00	0.00E+00	-3.23E+01
9429619	-2.99E-03	-1.88E-02	2.80E-05	-2.92E-02	0.00E+00	0.00E+00	-5.87E-01	-2.45E-04	-3.64E-05	-1.60E-03	0.00E+00	0.00E+00	-4.20E-10	-3.06E-08	6.88E-04	-1.19E+00	0.00E+00	0.00E+00	-4.98E-01	0.00E+00	-3.63E-02	0.00E+00	1.15E-09	-5.15E-09	-4.48E-04	-2.12E-10	-1.92E-01	0.00E+00	-3.63E-02	-8.82E-06	-3.63E-02	-2.73E-01	-1.92E-01	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
9451705	-2.74E-03	-1.92E-02	4.24E-05	-2.97E-02	0.00E+00	0.00E+00	-4.70E-01	-1.55E-04	1.15E-05	-1.22E-03	0.00E+00	-1.04E-05	-3.30E-10	-2.20E-08	-9.43E-04	-7.95E-01	0.00E+00	0.00E+00	-4.04E-01	-3.68E-03	-6.35E-02	0.00E+00	4.99E-10	-3.23E-09	-3.33E-04	-2.43E-06	-1.21E-01	0.00E+00	-6.35E-02	-7.59E-06	-6.35E-02	-2.68E-01	-1.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.41E+01
945172501	-2.68E-03	-2.53E-02	4.03E-05	-2.39E-02	0.00E+00	0.00E+00	-4.34E-01	-1.72E-04	2.76E-05	-1.10E-03	0.00E+00	0.00E+00	-3.10E-10	-2.21E-08	-1.46E-04	-7.35E-01	0.00E+00	0.00E+00	-3.42E-01	0.00E+00	-1.06E-01	0.00E+00	5.41E-10	-3.65E-09	-3.08E-04	-2.12E-10	-1.17E-01	0.00E+00	-1.06E-01	-7.84E-06	-1.06E-01	-2.93E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+01
945172505	-2.67E-03	-2.61E-02	3.16E-05	-3.61E-02	0.00E+00	0.00E+00	-4.58E-01	-1.72E-04	2.51E-05	-1.13E-03	0.00E+00	-1.10E-05	-3.18E-10	-2.24E-08	-1.31E-03	-7.35E-01	0.00E+00	0.00E+00	-3.39E-01	-3.92E-03	-2.44E-01	0.00E+00	5.64E-10	-3.62E-09	-3.05E-04	-2.54E-06	-1.23E-01	0.00E+00	-2.44E-01	-7.90E-06	-2.44E-01	-3.88E-01	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+01
945172507	-2.69E-03	-2.53E-02	1.96E-05	-2.37E-02	0.00E+00	0.00E+00	-4.34E-01	-1.74E-04	7.16E-06	-1.12E-03	0.00E+00	0.00E+00	-3.47E-10	-2.36E-08	-3.30E-04	-8.19E-01	0.00E+00	0.00E+00	-3.58E-01	0.00E+00	-1.67E-01	0.00E+00	5.21E-10	-3.83E-09	-3.21E-04	-2.12E-10	-1.27E-01	0.00E+00	-1.67E-01	-7.84E-06	-1.67E-01	-3.44E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+01
945172509	-2.39E-03	-2.76E-02	-6.48E-04	-2.69E-02	0.00E+00	0.00E+00	-6.01E-01	-2.34E-04	-1.13E-04	-1.44E-03	0.00E+00	0.00E+00	-3.69E-10	-2.75E-08	-6.78E-04	-2.25E-01	0.00E+00	0.00E+00	-5.03E-01	0.00E+00	-2.88E-01	0.00E+00	-1.43E-09	-5.15E-09	-4.24E-04	0.00E+00	-5.28E-02	0.00E+00	-2.88E-01	-8.71E-06	-2.88E-01	-3.41E-01	-5.28E-02	0.00E+00	0.00E+00	0.00E+00	-2.13E+01
945702505	-1.54E-03	-3.67E-03	-9.59E-05	-1.69E-02	0.00E+00	0.00E+00	-4.22E-01	-1.60E-04	9.13E-06	-1.06E-03	0.00E+00	-1.04E-05	-2.28E-10	-1.74E-08	-2.28E-03	-1.05E+00	0.00E+00	0.00E+00	-3.84E-01	-3.67E-03	-2.50E-01	0.00E+00	1.96E-10	-4.57E-09	-2.56E-04	-2.41E-06	-1.61E-01	0.00E+00	-2.50E-01	-6.79E-06	-2.50E-01	-2.25E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.56E+01
945702515	-2.83E-03	-2.99E-02	-7.63E-05	-3.89E-02	0.00E+00	0.00E+00	-5.11E-01	-1.89E-04	-5.80E-06	-1.30E-03	0.00E+00	-1.03E-05	-3.82E-10	-2.34E-08	-1.43E-03	-8.92E-01	0.00E+00	0.00E+00	-4.11E-01	-3.67E-03	-3.26E-01	0.00E+00	4.97E-10	-4.26E-09	-3.50E-04	-2.42E-06	-1.53E-01	0.00E+00	-3.26E-01	-8.18E-06	-3.26E-01	-4.30E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
945712501	-1.50E-03	2.68E-03	-2.51E-05	-1.03E-03	0.00E+00	0.00E+00	-4.03E-01	-1.40E-04	1.42E-05	-9.39E-04	0.00E+00	0.00E+00	-2.18E-10	-1.54E-08	2.77E-04	-9.84E-01	0.00E+00	0.00E+00	-3.53E-01	0.00E+00	-4.89E-02	0.00E+00	9.46E-10	-3.81E-09	-2.48E-04	-2.12E-10	-1.43E-01	0.00E+00	-4.89E-02	-6.37E-06	-4.89E-02	-1.44E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+01
945712505	-2.87E-03	-3.04E-02	-7.91E-05	-3.86E-02	0.00E+00	0.00E+00	-5.16E-01	-1.87E-04	-4.41E-06	-1.30E-03	0.00E+00	-1.03E-05	-3.91E-10	-2.38E-08	-1.57E-03	-8.48E-01	0.00E+00	0.00E+00	-4.33E-01	-3.67E-03	-3.47E-01	0.00E+00	4.79E-10	-4.30E-09	-3.61E-04	-2.42E-06	-1.40E-01	0.00E+00	-3.47E-01	-8.21E-06	-3.47E-01	-4.37E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
945712507	-1.50E-03	2.68E-03	-2.51E-05	-1.03E-03	0.00E+00	0.00E+00	-4.03E-01	-1.40E-04	1.42E-05	-9.39E-04	0.00E+00	0.00E+00	-2.18E-10	-1.54E-08	2.77E-04	-9.84E-01	0.00E+00	0.00E+00	-3.53E-01	0.00E+00	-4.89E-02	0.00E+00	9.46E-10	-3.81E-09	-2.48E-04	-2.12E-10	-1.43E-01	0.00E+00	-4.89E-02	-6.37E-06	-4.89E-02	-1.44E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+01
945712509	-1.48E-03	2.68E-03	-2.58E-05	-1.03E-03	0.00E+00	0.00E+00	-4.03E-01	-1.40E-04	1.42E-05	-9.39E-04	0.00E+00	0.00E+00	-2.17E-10	-1.57E-08	2.73E-04	-9.84E-01	0.00E+00	0.00E+00	-3.55E-01	0.00E+00	-4.89E-02	0.00E+00	9.46E-10	-3.80E-09	-2.60E-04	-2.12E-10	-1.41E-01	0.00E+00	-4.89E-02	-6.35E-06	-4.89E-02	-1.44E-01	-1.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+01

947132502	-2.55E-03	-1.80E-02	8.12E-05	-1.45E-02	0.00E+00	0.00E+00	-4.89E-01	-1.79E-04	6.75E-05	-1.17E-03	0.00E+00	-3.71E-09	-2.45E-10	-2.47E-08	6.65E-04	-2.54E+00	0.00E+00	0.00E+00	-2.64E-01	-1.32E-06	-1.43E-01	0.00E+00	9.48E-10	-3.63E-09	-1.99E-04	-2.12E-10	-3.71E-01	0.00E+00	-1.43E-01	-6.87E-06	-1.43E-01	-3.91E-01	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-9.55E+00
947132503	-3.18E-03	-2.01E-02	1.07E-04	-1.84E-02	0.00E+00	0.00E+00	-5.79E-01	-2.09E-04	6.75E-05	-9.98E-04	0.00E+00	-3.71E-09	-2.76E-10	-2.64E-08	6.92E-04	-2.57E+00	0.00E+00	0.00E+00	-2.90E-01	-1.32E-06	-1.46E-01	0.00E+00	9.85E-10	-3.88E-09	-2.49E-04	-2.12E-10	-3.69E-01	0.00E+00	-1.46E-01	-6.80E-06	-1.46E-01	-4.27E-01	-3.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+01
947132504	-2.55E-03	-1.80E-02	8.12E-05	-1.45E-02	0.00E+00	0.00E+00	-4.89E-01	-1.79E-04	6.75E-05	-1.17E-03	0.00E+00	-3.71E-09	-2.45E-10	-2.47E-08	6.65E-04	-2.54E+00	0.00E+00	0.00E+00	-2.64E-01	-1.32E-06	-1.43E-01	0.00E+00	9.48E-10	-3.63E-09	-1.99E-04	-2.12E-10	-3.71E-01	0.00E+00	-1.43E-01	-6.87E-06	-1.43E-01	-3.91E-01	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-9.55E+00
947132505	-2.56E-03	-1.78E-02	1.09E-04	-1.16E-02	0.00E+00	0.00E+00	-4.86E-01	-1.77E-04	7.66E-05	-1.13E-03	0.00E+00	-3.71E-09	-2.32E-10	-2.42E-08	6.67E-04	-2.54E+00	0.00E+00	0.00E+00	-2.05E-01	-1.32E-06	-1.49E-01	0.00E+00	9.69E-10	-3.52E-09	-1.84E-04	-2.12E-10	-3.69E-01	0.00E+00	-1.49E-01	-6.68E-06	-1.49E-01	-3.91E-01	-3.69E-01	0.00E+00	0.00E+00	0.00E+00	-9.38E+00
947132506	-2.54E-03	-1.80E-02	8.54E-05	-1.45E-02	0.00E+00	0.00E+00	-4.89E-01	-1.79E-04	6.75E-05	-1.17E-03	0.00E+00	-3.71E-09	-2.45E-10	-2.47E-08	6.70E-04	-2.36E+00	0.00E+00	0.00E+00	-2.64E-01	-1.32E-06	-1.43E-01	0.00E+00	9.48E-10	-3.63E-09	-1.99E-04	-2.12E-10	-3.52E-01	0.00E+00	-1.43E-01	-6.80E-06	-1.43E-01	-3.91E-01	-3.52E-01	0.00E+00	0.00E+00	0.00E+00	-9.55E+00
947132576	-2.61E-03	-1.77E-02	8.69E-05	-1.61E-02	0.00E+00	0.00E+00	-5.10E-01	-1.76E-04	6.60E-05	-1.20E-03	0.00E+00	-3.71E-09	-2.50E-10	-2.50E-08	5.24E-04	-2.54E+00	0.00E+00	0.00E+00	-2.84E-01	-1.32E-06	-1.46E-01	0.00E+00	9.48E-10	-3.92E-09	-1.98E-04	-2.12E-10	-3.69E-01	0.00E+00	-1.46E-01	-6.70E-06	-1.46E-01	-3.91E-01	-3.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
947782501	-4.56E-03	-2.45E-02	-7.98E-05	-3.08E-02	0.00E+00	0.00E+00	-9.56E-01	-2.09E-04	2.06E-05	-1.77E-03	0.00E+00	-1.93E-09	-3.93E-10	-3.20E-08	2.53E-05	-2.72E+00	0.00E+00	0.00E+00	-4.68E-01	-6.90E-07	-6.48E-02	0.00E+00	5.99E-10	-7.25E-09	-3.93E-04	-2.12E-10	-3.98E-01	0.00E+00	-6.48E-02	-9.12E-06	-6.48E-02	-2.59E-01	-3.98E-01	0.00E+00	0.00E+00	0.00E+00	-2.11E+01
947782502	-2.93E-03	-2.71E-02	1.58E-05	-3.52E-02	0.00E+00	0.00E+00	-5.80E-01	-2.21E-04	-5.78E-06	-1.48E-03	0.00E+00	-2.95E-09	-4.01E-10	-3.06E-08	-4.24E-05	-2.85E+00	0.00E+00	0.00E+00	-5.25E-01	-1.05E-06	-4.70E-02	0.00E+00	7.06E-10	-4.70E-09	-4.05E-04	-2.12E-10	-3.97E-01	0.00E+00	-4.70E-02	-8.87E-06	-4.70E-02	-2.75E-01	-3.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.95E+01
947782503	-2.84E-03	-2.73E-02	1.77E-05	-3.50E-02	0.00E+00	0.00E+00	-5.92E-01	-2.26E-04	-2.43E-06	-1.47E-03	0.00E+00	-2.95E-09	-4.04E-10	-3.03E-08	-1.68E-05	-2.85E+00	0.00E+00	0.00E+00	-5.31E-01	-1.05E-06	-4.52E-02	0.00E+00	7.23E-10	-4.66E-09	-4.02E-04	-2.12E-10	-3.97E-01	0.00E+00	-4.52E-02	-8.78E-06	-4.52E-02	-2.69E-01	-3.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+01
947782505	-2.93E-03	-2.69E-02	1.58E-05	-3.52E-02	0.00E+00	0.00E+00	-5.82E-01	-2.26E-04	-4.87E-06	-1.47E-03	0.00E+00	-2.95E-09	-4.01E-10	-3.06E-08	-4.33E-05	-2.85E+00	0.00E+00	0.00E+00	-5.30E-01	-1.05E-06	-4.70E-02	0.00E+00	7.06E-10	-4.64E-09	-4.05E-04	-2.12E-10	-3.97E-01	0.00E+00	-4.70E-02	-8.86E-06	-4.70E-02	-2.75E-01	-3.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.95E+01
947782506	-2.81E-03	-2.69E-02	2.16E-05	-3.45E-02	0.00E+00	0.00E+00	-5.89E-01	-2.16E-04	-3.86E-06	-1.45E-03	0.00E+00	-2.95E-09	-3.96E-10	-3.00E-08	-2.06E-05	-2.85E+00	0.00E+00	0.00E+00	-5.22E-01	-1.05E-06	-4.52E-02	0.00E+00	7.23E-10	-4.63E-09	-3.88E-04	-2.12E-10	-3.97E-01	0.00E+00	-4.52E-02	-8.79E-06	-4.52E-02	-2.65E-01	-3.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+01
947782512	-2.43E-03	-1.96E-02	2.41E-04	-4.31E-02	0.00E+00	0.00E+00	-5.07E-01	-2.08E-04	5.11E-05	-1.31E-03	0.00E+00	-3.71E-09	-3.13E-10	-2.65E-08	3.85E-04	-2.95E+00	0.00E+00	0.00E+00	-3.68E-01	-1.32E-06	-7.70E-02	0.00E+00	9.64E-10	-3.95E-09	-2.55E-04	-2.12E-10	-4.00E-01	0.00E+00	-7.70E-02	-8.19E-06	-7.70E-02	-4.00E-01	-4.00E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+01
947792501	-2.85E-03	-2.48E-02	4.30E-05	-3.65E-02	0.00E+00	0.00E+00	-6.01E-01	-2.14E-04	1.48E-06	-1.35E-03	0.00E+00	-3.71E-09	-3.68E-10	-2.88E-08	2.96E-04	-2.88E+00	0.00E+00	0.00E+00	-4.83E-01	-1.32E-06	-3.70E-02	0.00E+00	8.62E-10	-4.65E-09	-3.24E-04	-2.12E-10	-3.92E-01	0.00E+00	-3.70E-02	-8.64E-06	-3.70E-02	-2.52E-01	-3.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.82E+01
947792502	-2.96E-03	-2.48E-02	3.72E-05	-3.72E-02	0.00E+00	0.00E+00	-6.02E-01	-2.23E-04	1.76E-06	-1.38E-03	0.00E+00	-3.71E-09	-3.81E-10	-2.95E-08	2.86E-04	-2.88E+00	0.00E+00	0.00E+00	-4.89E-01	-1.32E-06	-4.26E-02	0.00E+00	6.81E-10	-4.72E-09	-3.47E-04	-2.12E-10	-3.91E-01	0.00E+00	-4.26E-02	-8.76E-06	-4.26E-02	-2.56E-01	-3.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.87E+01
947792503	-2.95E-03	-2.48E-02	3.72E-05	-3.72E-02	0.00E+00	0.00E+00	-5.95E-01	-2.16E-04	1.76E-06	-1.38E-03	0.00E+00	-3.71E-09	-3.79E-10	-2.93E-08	2.84E-04	-2.88E+00	0.00E+00	0.00E+00	-5.00E-01	-1.32E-06	-4.85E-02	0.00E+00	7.83E-10	-4.70E-09	-3.42E-04	-2.12E-10	-3.93E-01	0.00E+00	-4.85E-02	-8.60E-06	-4.85E-02	-2.47E-01	-3.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.85E+01
947792505	-2.95E-03	-2.48E-02	4.52E-05	-3.72E-02	0.00E+00	0.00E+00	-5.95E-01	-2.23E-04	1.64E-06	-1.36E-03	0.00E+00	-3.71E-09	-3.83E-10	-2.95E-08	2.78E-04	-2.88E+00	0.00E+00	0.00E+00	-4.92E-01	-1.32E-06	-4.26E-02	0.00E+00	6.81E-10	-4.70E-09	-3.26E-04	-2.12E-10	-3.91E-01	0.00E+00	-4.26E-02	-8.76E-06	-4.26E-02	-2.58E-01	-3.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+01
947792506	-2.95E-03	-2.48E-02	4.52E-05	-3.72E-02	0.00E+00	0.00E+00	-5.95E-01	-2.23E-04	1.64E-06	-1.36E-03	0.00E+00	-3.71E-09	-3.83E-10	-2.95E-08	2.78E-04	-2.88E+00	0.00E+00	0.00E+00	-4.92E-01	-1.32E-06	-4.26E-02	0.00E+00	6.81E-10	-4.70E-09	-3.26E-04	-2.12E-10	-3.91E-01	0.00E+00	-4.26E-02	-8.76E-06	-4.26E-02	-2.56E-01	-3.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+01
961842501	-2.79E-03	-1.82E-02	7.64E-06	-2.01E-02	0.00E+00	0.00E+00	-5.16E-01	-1.88E-04	-8.55E-06	-1.28E-03	0.00E+00	0.00E+00	-3.43E-10	-2.36E-08	4.00E-04	-8.57E-01	0.00E+00	0.00E+00	-4.34E-01	0.00E+00	-2.44E-02	0.00E+00	5.52E-10	-3.83E-09	-3.68E-04	-2.12E-10	-1.43E-01	0.00E+00	-2.44E-02	-7.20E-06	-2.44E-02	-2.13E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
9618505	-2.82E-03	-2.33E-02	-3.08E-05	-2.70E-02	0.00E+00	0.00E+00	-5.47E-01	-2.05E-04	-3.28E-05	-1.45E-03	0.00E+00	0.00E+00	-3.79E-10	-2.44E-08	2.17E-04	-9.47E-01	0.00E+00	0.00E+00	-4.24E-01	0.00E+00	-7.73E-02	0.00E+00	5.65E-10	-4.49E-09	-4.23E-04	-2.12E-10	-1.43E-01	0.00E+00	-7.73E-02	-8.31E-06	-7.73E-02	-2.83E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.77E+01
961852501	-2.87E-03	-2.34E-02	-3.74E-05	-2.70E-02	0.00E+00	0.00E+00	-5.51E-01	-2.05E-04	-3.08E-05	-1.46E-03	0.00E+00	0.00E+00	-3.84E-10	-2.44E-08	1.69E-04	-9.52E-01	0.00E+00	0.00E+00	-4.18E-01	0.00E+00	-7.81E-02	0.00E+00	5.54E-10	-4.53E-09	-4.30E-04	-2.12E-10	-1.46E-01	0.00E+00	-7.81E-02	-8.42E-06	-7.81E-02	-2.78E-01	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.78E+01
961852502	-2.73E-03	-2.23E-02	-1.20E-05	-2.66E-02	0.00E+00	0.00E+00	-5.20E-01	-1.82E-04	-1.90E-05	-1.27E-03	0.00E+00	0.00E+00	-3.42E-10	-2.19E-08	1.54E-04	-1.06E+00	0.00E+00	0.00E+00	-3.72E-01	0.00E+00	-7.21E-02	0.00E+00	6.09E-10	-3.89E-09	-3.43E-04	-2.12E-10	-1.64E-01	0.00E+00	-7.21E-02	-7.71E-06	-7.21E-02	-2.76E-01	-1.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
961852505	-2.89E-03	-2.33E-02	-3.28E-05	-2.70E-02	0.00E+00	0.00E+00	-5.52E-01	-2.16E-04	-3.21E-05	-1.45E-03	0.00E+00	0.00E+00	-3.92E-10	-2.51E-08	1.39E-04	-9.72E-01	0.00E+00	0.00E+00	-4.37E-01	0.00E+00	-7.21E-02	0.00E+00	6.87E-10	-4.39E-09	-4.38E-04	-2.12E-10	-1.51E-01	0.00E+00	-7.21E-02	-8.50E-06	-7.21E-02	-2.78E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
961852506	-4.05E-03	-2.98E-02	-1.01E-04	-2.42E-02	0.00E+00	0.00E+00	-6.19E-01	-3.55E-04	-3.17E-05	-1.58E-03	0.00E+00	0.00E+00	-3.91E-10	-4.06E-08	-6.56E-05	-2.54E+00	0.00E+00	0.00E+00	-4.66E-01	0.00E+00	-1.25E-01	0.00E+00	8.14E-10	-5.75E-09	-4.50E-04	-2.12E-10	-3.89E-01	0.00E+00	-1.25E-01	-8.96E-06	-1.25E-01	-3.22E-01	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
9619405	-2.68E-03	-2.26E-02	1.59E-05	-2.41E-02	0.00E+00	0.00E+00	-5.16E-01	-1.81E-04	-2.09E-05	-1.22E-03	0.00E+00	0.00E+00	-3.39E-10	-2.24E-08	5.17E-04	-7.83E-01	0.00E+00	0.00E+00	-3.63E-01	0.00E+00	-7.31E-02	0.00E+00	6.51E-10	-3.89E-09	-3.28E-04	-2.12E-10	-1.33E-01	0.00E+00	-7.31E-02	-7.62E-06	-7.31E-02	-2.66E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E+01
961942502	-2.77E-03	-2.26E-02	-8.01E-06	-2.47E-02	0.00E+00	0.00E+00	-5.38E-01	-1.87E-04	-2.91E-05	-1.34E-03	0.00E+00	0.00E+00	-3.45E-10	-2.25E-08	3.55E-04	-8.82E-01	0.00E+00	0.00E+00	-3.81E-01	0.00E+00	-7.56E-02	0.00E+00	6.99E-10	-4.29E-09	-3.48E-04	-2.12E-10	-1.34E-01	0.00E+00	-7.56E-02	-8.04E-06	-7.56E-02	-2.75E-01	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+01
961942505	-3.76E-03	-2.21E-02	-6.78E-05	-2.36E-02	0.00E+00	0.00E+00	-5.60E-01	-3.08E-04	-1.26E-05	-1.41E-03	0.00E+00	0.00E+00	-3.64E-10	-3.83E-08	-1.50E-04	-2.22E+00	0.00E+00	0.00E+00	-4.49E-01	0.00E+00	-2.17E-02	0.00E+00	5.07E-10	-5.63E-09	-3.91E-04	-2.12E-10	-3.32E-01	0.00E+00	-2.17E-02	-8.36E-06	-2.17E-02	-2.52E-01	-3.32E-01	0.00E+00	0.00E+00	0.00E+00	-2.17E+01
961942506	-2.71E-03	-2.27E-02	1.59E-05	-2.58E-02	0.00E+00	0.00E+00	-5.37E-01	-1.82E-04	-2.16E-05	-1.21E-03	0.00E+00	0.00E+00	-3.43E-10	-2.21E-08	5.30E-04	-8.60E-01	0.00E+00	0.00E+00	-3.74E-01	0.00E+00	-7.31E-02	0.00E+00	6.74E-10	-3.88E-09	-3.56E-04	-2.12E-10	-1.33E-01	0.00E+00	-7.31E-02	-7.74E-06	-7.31E-02	-2.66E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
9619505	-2.78E-03	-2.19E-02	1.75E-05	-2.55E-02	0.00E+00	0.00E+00	-5.32E-01	-1.90E-04	-2.30E-05	-1.35E-03	0.00E+00	0.00E+00	-3.53E-10	-2.17E-08	5.47E-04	-8.72E-01	0.00E+00	0.00E+00	-3.60E-01	0.00E+00	-7.51E-02	0.00E+00	6.90E-10	-4.23E-09	-3.68E-04	-2.12E-10	-1.53E-01	0.00E+00	-7.51E-02	-8.11E-06	-7.51E-02	-2.71E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
961952501	-2.80E-03	-2.20E-02	8.09E-06	-2.55E-02	0.00E+00	0.00E+00	-5.33E-01	-1.94E-04	-1.75E-05	-1.30E-03	0.00E+00	0.00E+00	-3.54E-10	-2.19E-08	5.76E-04	-9.22E-01	0.00E+00	0.00E+00	-3.72E-01	0.00E+00	-7.58E-02	0.00E+00	6.90E-10	-3.96E-09	-3.60E-04	-2.12E-10	-1.53E-01	0.00E+00	-7.58E-02	-8.06E-06	-7.58E-02	-2.67E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+01
961952502	-2.65E-03	-2.06E-02	2.08E-05	-2.51E-02	0.00E+00	0.00E+00	-5.00E-01	-1.62E-04	-1.32E-05	-1.13E-03	0.00E+00	0.00E+00	-3.05E-10	-1.91E-08	5.87E-04	-9.79E-01	0.00E+00	0.00E+00	-3.06E-01	0.00E+00	-7.58E-02	0.00E+00	6.90E-10	-3.50E-09	-2.49E-04	-2.12E-10	-1.61E-01	0.00E+00	-7.58E-02	-7.08E-06	-7.58E-02	-2.70E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
961952505	-2.63E-03	-2.08E-02	1.63E-05	-2.51E-02	0.00E+00	0.00E+00	-5.03E-01	-1.62E-04	-1.40E-05	-1.14E-03	0.00E+00	0.00E+00	-3.03E-10	-1.89E-08	5.95E-04	-9.56E-01	0.00E+00	0.00E+00	-3.02E-01	0.00E+00	-7.91E-02	0.00E+00	6.90E-10	-3.51E-09	-2.58E-04	-2.12E-10	-1.61E-01	0.00E+00	-7.91E-02	-7.10E-06	-7.91E-02	-2.74E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
961952506	2.65E-04	-1.60E-02	6.30E-04	-1.66E-02	0.00E+00	0.00E+00	8.96E-02	-2.55E-06	2.15E-04	-2.50E-06	0.00E+00	0.00E+00	-5.52E-11	2.22E-09	4.20E-04	-1.41E+00	0.00E+00	0.00E+00	5.34E-02	0.00E+00	3.61E-02	0.00E+00	7.01E-10	-6.55E-10	-3.45E-06	0.00E+00	-1.97E-01	0.00E+00	3.61E-02	-1.38E-07	3.61E-02	-1.61E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	1.80E+00
9624905	-3.63E-03	-3.16E-02	-1.49E-04	-3.27E-02	0.00E+00	0.00E+00	-6.48E-01	-3.26E-04	-1.91E-05	-1.46E-03	0.00E+00	0.00E+00	-3.54E-10	-3.97E-08	-2.85E-04	-1.98E+00	0.00E+00	0.00E+00	-5.30E-01	0.00E+00	-5.96E-02	0.00E+00	5.82E-10	-6.99E-09	-4.90E-04	-2.12E-10	-3.42E-01	0.00E+00	-5.96E-02	-8.58E-06	-5.96E-02	-2.80E-01	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
962492501	-3.63E-03	-3.16E-02	-1.49E-04	-3.23E-02	0.00E+00	0.00E+00	-6.48E-01	-3.26E-04	-2.01E-05	-1.46E-03	0.00E+00	0.00E+00	-3.51E-10	-3.97E-08	-2.86E-04	-1.98E+00	0.00E+00	0.00E+00	-5.30E-01	0.00E+00	-5.96E-02	0.00E+00	5.82E-10	-6.99E-09	-4.90E-04	-2.12E-10	-3.42E-01	0.00E+00	-5.96E-02	-8.54E-06	-5.96E-02	-2.80E-01	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
962492502	-2.19E-03	-5.51E-03	-1.95E-04	-5.32E-03	0.00E+00	0.00E+00	-5.20E-01	-2.28E-04	-8.74E-05	-1.14E-03	0.00E+00	0.00E+00	-3.59E-10	-2.64E-08	4.44E-04	-1.70E-01	0.00E+00	0.00E+00	-4.00E-01	0.00E+00	5.38E-02	0.00E+00	1.25E-09	-3.72E-09	-3.37E-04	0.00E+00	-3.38E-02	0.00E+00	5.38E-02	-6.48E-06	5.38E-02	1.99E-02	-3.38E-02	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
962492505	-3.63E-03	-3.16E-02	-1.49E-04	-3.27E-02	0.00E+00	0.00E+00	-6.48E-01	-3.26E-04	-1.91E-05	-1.46E-03	0.00E+00	0.00E+00	-3.54E-10	-3.97E-08	-2.85E-04	-1.98E+00	0.00E+00	0.00E+00	-5.30E-01	0.00E+00	-5.96E-02	0.00E+00	5.82E-10	-6.99E-09	-4.90E-04	-2.12E-10	-3.42E-01	0.00E+00	-5.96E-02	-8.58E-06	-5.96E-02	-2.80E-01	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
962492506	-3.63E-03	-3.16E-02	-1.49E-04	-3.27E-02	0.00E+00	0.00E+00	-6.48E-01	-3.26E-04	-1.91E-05	-1.45E-03	0.00E+00	0.00E+00	-3.54E-10	-3.97E-08	-2.10E-04	-2.00E+00	0.00E+00	0.00E+00	-5.30E-01	0.00E+00	-5.96E-02	0.00E+00	5.82E-10	-6.86E-09	-4.80E-04	-2.12E-10	-3.42E-01	0.00E+00	-5.96E-02	-8.48E-06	-5.96E-02	-2.80E-01	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
962512502	-2.67E-03	-2.64E-02	-2.21E-05	-2.54E-02	0.00E+00	0.00E+00	-4.46E-01	-1.82E-04	-6.96E-06	-1.24E-03	0.00E+00	0.00E+00	-3.24E-10	-2.28E-08	-3.94E-04	-9.04E-01	0.00E+00	0.00E+00	-3.87E-01	0.00E+00	-1.16E-01	0.00E+00	7.37E-10	-3.98E-09	-2.96E-04	-2.12E-10	-1.53E-01	0.00E+00	-1.16E-01	-7.72E-06	-1.16E-01	-3.31E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.44E+01
962512503	-2.66E-03	-2.63E-02	-2.55E-05	-2.44E-02	0.00E+00	0.00E+00	-4.49E-01	-1.82E-04	-1.43E-05	-1.27E-03	0.00E+00	0.00E+00	-3.16E-10	-2.29E-08	-4.19E-04	-8.83E-01	0.00E+00	0.00E+00	-3.84E-01	0.00E+00	-1.12E-01	0.00E+00	7.37E-10	-4.09E-09	-2.91E-04	-2.12E-10	-1.53E-01	0.00E+00	-1.12E-01	-7.85E-06	-1.12E-01	-3.31E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
962512505	-2.65E-03	-2.63E-02	-2.55E-05	-2.48E-02	0.00E+00	0.00E+00	-4.45E-01	-1.82E-04	-1.43E-05	-1.27E-03	0.00E+00	0.00E+00	-3.16E-10	-2.30E-08	-4.29E-04	-8.77E-01	0.00E+00	0.00E+00	-3.84E-01	0.00E+00	-1.12E-01	0.00E+00	7.37E-10	-4.06E-09	-2.98E-04	-2.12E-10	-1.53E-01	0.00E+00	-1.12E-01	-7.85E-06	-1.12E-01	-3.31E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.44E+01
962572502	-3.48E-03	-2.75E-02	-8.41E-05	-1.90E-02	0.00E+00	0.00E+00	-6.20E-01	-3.18E-04	2.99E-06	-1.31E-03	0.00E+00	0.00E+00	-3.55E-10	-3.82E-08	1.12E-04	-1.89E+00	0.00E+00	0.00E+00	-4.82E-01	0.00E+00	-1.44E-01	0.00E+00	6.73E-10	-5.90E-09	-4.17E-04	-2.12E-10	-3.24E-01	0.00E+00	-1.44E-01	-8.16E-06	-1.44E-01	-4.08E-01	-3.24E-01	0.00E+00	0.00E+00	0.00E+00	-2.12E+01
962572503	-3.44E-03	-2.90E-02	-1.60E-04	-2.81E-02	0.00E+00	0.00E+00	-6.29E-01	-3.28E-04	-6.10E-06	-1.34E-03	0.00E+00	0.00E+00	-3.71E-10	-3.74E-08	1.05E-04	-1.90E+00	0.00E+00	0.00E+00	-4.66E-01	0.00E+00	-2.58E-01	0.00E+00	4.97E-10	-6.09E-09	-4.07E-04	-2.12E-10	-3.19E-01	0.00E+00	-2.58E-01	-8.10E-06	-2.58E-01	-4.97E-01	-3.19E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
962572505	-3.51E-03	-2.99E-02	-1.05E-04	-2.72E-02	0.00E+00	0.00E+00	-6.21E-01	-3.26E-04	4.28E-06	-1.32E-03	0.00E+00	0.00E+00	-3.63E-10	-3.74E-08	1.62E-04	-1.89E+00	0.00E+00	0.00E+00	-4.73E-01	0.00E+00	-1.90E-01	0.00E+00	5.56E-10	-5.92E-09	-4.03E-04	-2.12E-10	-3.21E-01	0.00E+00	-1.90E-01	-8.01E-06	-1.90E-01	-4.67E-01	-3.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.12E+01
962572506	-3.50E-03	-3.02E-02	-1.02E-04	-2.54E-02	0.00E+00	0.00E+00	-6.19E-01	-3.26E-04	7.48E-06	-1.31E-03	0.00E+00	0.00E+00	-3.63E-10	-3.74E-08	1.51E-04	-1.86E+00	0.00E+00	0.00E+00	-4.69E-01	0.00E+00	-1.90E-01	0.00E+00	5.70E-10	-5.91E-09	-4.01E-04	-2.12E-10	-3.21E-01	0.00E+00	-1.90E-01	-8.01E-06	-1.90E-01	-4.67E-01	-3.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.11E+01
962592501	-5.23E-03	-2.79E-02	-2.98E-04	-4.22E-02	0.00E+00	0.00E+00	-1.25E+00	-5.28E-04	-7.09E-05	-1.95E-03	0.00E+00	0.00E+00	-3.80E-10	-6.38E-08	-8.30E-04	-2.02E+00	0.00E+00	0.00E+00	-6.00E-01	0.00E+00	-6.85E-02	0.00E+00	1.05E-09	-6.66E-09	-5.27E-04	-2.12E-10	-2.75E-01	0.00E+00	-6.85E-02	-1.27E-05	-6.85E-02	-4.77E-01	-2.75E-01	0.00E+00	0.00E+00	0.00E+00	-3.01E+01
962592502	-5.22E-03	-2.76E-02	-2.98E-04	-3.92E-02	0.00E+00	0.00E+00	-1.25E+00	-5.25E-04	-7.04E-05	-1.95E-03	0.00E+00	0.00E+00	-3.79E-10	-6.41E-08	-8.29E-04	-1.87E+00	0.00E+00	0.00E+00	-5.95E-01	0.00E+00	-7.64E-02	0.00E+00	1.05E-09	-6.59E-09	-5.26E-04	-2.12E-10	-2.66E-01	0.00E+00	-7.64E-02	-1.25E-05	-7.64E-02	-4.66E-01	-2.66E-01	0.00E+00	0.00E+00	0.00E+00	-2.95E+01
962592503	-5.23E-03	-2.79E-02	-2.98E-04	-4.22E-02	0.00E+00	0.00E+00	-1.25E+00	-5.28E-04	-7.09E-05	-1.95E-03	0.00E+00	0.00E+00	-3.80E-10	-6.38E-08	-8.30E-04	-2.02E+00	0.00E+00	0.00E+00	-6.00E-01	0.00E+00	-6.85E-02	0.00E+00	1.05E-09	-6.66E-09	-5.27E-04	-2.12E-10	-2.75E-01	0.00E+00	-6.85E-02	-1.27E-05	-6.85E-02	-4.77E-01	-2.75E-01	0.00E+00	0.00E+00	0.00E+00	-3.01E+01
962592505	-5.22E-03	-2.76E-02	-2.96E-04	-3.92E-02	0.00E+00	0.00E+00	-1.24E+00	-5.22E-04	-7.13E-05	-1.94E-03	0.00E+00	0.00E+00	-3.72E-10	-6.33E-08	-7.72E-04	-1.87E+00	0.00E+00	0.00E+00	-5.86E-01	0.00E+00	-7.64E-02	0.00E+00	1.05E-09	-6.68E-09	-5.31E-04	-2.12E-10	-2.67E-01	0.00E+00	-7.64E-02	-1.26E-05	-7.64E-02	-4.66E-01	-2.67E-01	0.00E+00	0.00E+00	0.00E+00	-2.72E+01
962592506	-5.22E-03	-2.76E-02	-2.96E-04	-3.82E-02	0.00E+00	0.00E+00	-1.24E+00	-5.21E-04	-7.13E-05	-1.91E-03	0.00E+00	0.00E+00	-3.70E-10	-6.30E-08	-7.15E-04	-1.83E+00	0.00E+00	0.00E+00	-5.83E-01	0.00E+00	-7.64E-02	0.00E+00	1.05E-09	-6.47E-09	-5.25E-04	-2.12E-10	-2.67E-01	0.00E+00	-7.64E-02	-1.26E-05	-7.64E-02	-4.66E-01	-2.67E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E+01
9626205	-2.89E-03	-2.90E-02	4.20E-05	-4.45E-02	0.00E+00	0.00E+00	-5.74E-01	-2.75E-04	-5.24E-05	-1.98E-03	0.00E+00	-9.04E-08	-4.53E-10	-3.46E-08	2.11E-04	-3.91E+00	0.00E+00	0.00E+00	-6.29E-01	-3.23E-05	-3.18E-01	0.00E+00	4.94E-10	-5.81E-09	-5.35E-04	-2.12E-10	-8.99E-01	0.00E+00	-3.18E-01	-9.75E-06	-3.18E-01	-3.85E-01	-8.99E-01	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
962622501	-5.92E-03	-3.35E-02	-1.98E-04	-4.00E-02	0.00E+00	0.00E+00	-8.50E-01	-4.38E-04	-4.51E-05	-1.54E-03	0.00E+00	-9.14E-08	-4.36E-10	-4.83E-08	2.81E-04	-4.59E+00	0.00E+00	0.00E+00	-6.63E-01	-3.27E-05	-1.96E-01	0.00E+00	2.59E-10	-9.19E-09	-6.69E-04	-2.12E-10	-1.02E+00	0.00E+00	-1.96E-01	-9.62E-06	-1.96E-01	-3.46E-01	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
962622502	-3.67E-03	-2.94E-02	-2.22E-04	-3.85E-02	0.00E+00	0.00E+00	-6.25E-01	-3.28E-04	-2.49E-05	-1.72E-03	0.00E+00	-9.14E-08	-4.00E-10	-4.33E-08	2.57E-04	-4.51E+00	0.00E+00	0.00E+00	-6.39E-01	-3.27E-05	-1.95E-01	0.00E+00	2.75E-10	-7.13E-09	-5.01E-04	-2.12E-10	-1.01E+00	0.00E+00	-1.95E-01	-9.29E-06	-1.95E-01	-2.87E-01	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-2.55E+01
962622505	-2.89E-03	-2.90E-02	-2.01E-04	-3.74E-02	0.00E+00	0.00E+00	-5.81E-01	-2.69E-04	-4.28E-05	-1.95E-03	0.00E+00	-9.14E-08	-4.54E-10	-3.42E-08	1.23E-04	-3.90E+00	0.00E+00	0.00E+00	-6.51E-01	-3.27E-05	-1.97E-01	0.00E+00	3.48E-10	-5.86E-09	-5.09E-04	-2.12E-10	-8.98E-01	0.00E+00	-1.97E-01	-9.64E-06	-1.97E-01	-2.62E-01	-8.98E-01	0.00E+00	0.00E+00	0.00E+00	-2.46E+01
962622506	-3.68E-03	-2.94E-02	-2.22E-04	-3.67E-02	0.00E+00	0.00E+00	-6.25E-01	-3.28E-04	-2.49E-05	-1.71E-03	0.00E+00	-9.14E-08	-4.01E-10	-4.33E-08	2.65E-04	-4.51E+00	0.00E+00	0.00E+00	-6.35E-01	-3.27E-05	-1.95E-01	0.00E+00	2.75E-10	-7.13E-09	-5.00E-04	-2.12E-10	-1.01E+00	0.00E+00	-1.95E-01	-9.29E-06	-1.95E-01	-2.87E-01	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
9627205	-2.80E-03	-2.02E-02	6.24E-06	-2.30E-02	0.00E+00	0.00E+00	-5.29E-01	-1.95E-04	-2.21E-05	-1.34E-03	0.00E+00	0.00E+00	-3.56E-10	-2.24E-08	5.08E-04	-9.34E-01	0.00E+00	0.00E+00	-3.64E-01	0.00E+00	-1.11E-01	0.00E+00	7.02E-10	-4.14E-09	-3.46E-04	-2.12E-10	-1.33E-01	0.00E+00	-1.11E-01	-8.02E-06	-1.11E-01	-3.03E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+01
962722502	-1.32E-03	2.93E-03	2.32E-04	2.70E-03	0.00E+00	0.00E+00	-2.91E-01	-1.52E-04	3.33E-05	-6.85E-04	0.00E+00	0.00E+00	-2.49E-10	-1.66E-08	7.51E-04	-8.74E-02	0.00E+00	0.00E+00	-2.17E-01	0.00E+00	1.42E-01	0.00E+00	1.83E-09	-2.09E-09	-2.02E-04	0.00E+00	-1.24E-02	0.00E+00	1.42E-01	-4.33E-06	1.42E-01	1.30E-01	-1.24E-02	0.00E+00	0.00E+00	0.00E+00	-9.98E+00
962722505	-2.75E-03	-2.11E-02	1.72E-05	-2.53E-02	0.00E+00	0.00E+00	-5.27E-01	-1.95E-04	-2.10E-05	-1.22E-03	0.00E+00	0.00E+00	-3.44E-10	-2.24E-08	5.27E-04	-9.11E-01	0.00E+00	0.00E+00	-3.60E-01	0.00E+00	-7.39E-02	0.00E+00	8.22E-10	-3.76E-09	-3.33E-04	-2.12E-10	-1.39E-01	0.00E+00	-7.39E-02	-7.92E-06	-7.39E-02	-2.61E-01	-1.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+01
962722506	-2.67E-03	-2.04E-02	2.05E-05	-2.32E-02	0.00E+00	0.00E+00	-5.12E-01	-1.81E-04	-1.82E-05	-1.18E-03	0.00E+00	0.00E+00	-3.25E-10	-2.18E-08	5.78E-04	-8.01E-01	0.00E+00	0.00E+00	-3.41E-01	0.00E+00	-7.31E-02	0.00E+00	6.89E-10	-3.81E-09	-2.96E-04	-2.12E-10	-1.33E-01	0.00E+00	-7.31E-02	-7.44E-06	-7.31E-02	-2.66E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+01
AS2457	-5.07E-03	-2.63E-02	-2.68E-05	-2.97E-02	0.00E+00	0.00E+00	-9.26E-01	-3.20E-04	-7.68E-05	-2.15E-03	0.00E+00	0.00E+00	-4.48E-10	-3.94E-08	-4.56E-04	-1.41E+00	0.00E+00	0.00E+00	-5.90E-01	0.00E+00	-4.38E-02	0.00E+00	6.76E-11	-7.06E-09	-4.55E-04	-2.12E-10	-1.71E-01	0.00E+00	-4.38E-02	-1.11E-05	-4.38E-02	-3.64E-01	-1.71E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+01
B45000	-2.67E-03	3.61E-03	-8.81E-06	-4.16E-03	0.00E+00	0.00E+00	-5.34E-01	-2.42E-04	-9.80E-06	-1.66E-03	0.00E+00	0.00E+00	-2.48E-10	-2.70E-08	-1.84E-04	-1.23E+00	0.00E+00	0.00E+00	-4.31E-01	0.00E+00	2.45E-02	0.00E+00	1.16E-09	-6.31E-09	-3.59E-04	-2.12E-10	-1.70E-01	0.00E+00	2.45E-02	-8.20E-06	2.45E-02	-1.03E-01	-1.70E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
B45010	-9.65E-03	-1.20E-01	-1.54E-03	-1.19E-01	0.00E+00	0.00E+00	-1.55E+00	-6.13E-04	-2.91E-04	-3.71E-03	0.00E+00	0.00E+00	-8.15E-10	-7.19E-08	-1.82E-03	-5.23E+00	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-6.74E-01	0.00E+00	-3.84E-09	-1.44E-08	-1.06E-03	0.00E+00	-8.10E-01	0.00E+00	-6.74E-01	-1.89E-05	-6.74E-01	-1.48E+00	-8.10E-01	0.00E+00	0.00E+00	0.00E+00	-5.26E+01
B45011	-4.19E-03	-3.45E-02	-5.23E-04	-8.68E-02	0.00E+00	0.00E+00	-1.34E+00	-5.01E-04	-1.50E-04	-1.88E-03	0.00E+00	0.00E+00	-6.11E-10	-6.24E-08	3.53E-03	-4.08E+00	0.00E+00	0.00E+00	-7.09E-01	0.00E+00	-5.37E-01	0.00E+00	-1.70E-09	-7.92E-09	-6.71E-04	-2.12E-10	-5.42E-01	0.00E+00	-5.37E-01	-1.38E-05	-5.37E-01	-1.28E+00	-5.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.64E+01
B45012	-2.45E-03	-6.61E-03	1.41E-04	-6.65E-02	0.00E+00	0.00E+00	-6.88E-01	-3.80E-04	-3.76E-05	-1.50E-03	0.00E+00	0.00E+00	-2.68E-10	-4.58E-08	7.64E-03	-4.01E+00	0.00E+00	0.00E+00	-6.07E-01	0.00E+00	-7.11E-02	0.00E+00	3.77E-10	-6.03E-09	-2.88E-04	-2.12E-10	-5.20E-01	0.00E+00	-7.11E-02	-9.56E-06	-7.11E-02	-7.22E-01	-5.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
B45013	-3.03E-03	-8.12E-03	9.81E-05	-6.38E-02	0.00E+00	0.00E+00	-7.09E-01	-3.91E-04	-3.53E-05	-1.42E-03	0.00E+00	-1.19E-06	-2.62E-10	-4.59E-08	7.60E-03	-4.00E+00	0.00E+00	0.00E+00	-6.14E-01	-4.26E-04	-7.11E-02	0.00E+00	4.10E-10	-5.89E-09	-2.95E-04	-2.94E-07	-5.22E-01	0.00E+00	-7.11E-02	-9.44E-06	-7.11E-02	-7.14E-01	-5.22E-01	0.00E+00	0.00E+00	0.00E+00	-2.07E+01
B45014	-4.77E-03	-4.79E-02	-4.25E-04	-9.07E-02	0.00E+00	0.00E+00	-1.54E+00	-6.15E-04	-1.56E-04	-1.72E-03	0.00E+00	0.00E+00	-6.32E-10	-7.87E-08	3.81E-03	-4.10E+00	0.00E+00	0.00E+00	-7.11E-01	0.00E+00	-5.64E-01	0.00E+00	-1.80E-09	-7.87E-09	-6.96E-04	-2.12E-10	-5.29E-01	0.00E+00	-5.64E-01	-1.59E-05	-5.64E-01	-1.34E+00	-5.29E-01	0.00E+00	0.00E+00	0.00E+00	-2.52E+01
B45016	-4.94E-03	-6.90E-02	-2.18E-04	-8.76E-02	0.00E+00	0.00E+00	-1.42E+00	-8.11E-04	-1.96E-04	-2.11E-03	0.00E+00	0.00E+00	-7.08E-10	-9.18E-08	6.08E-03	-5.05E+00	0.00E+00	0.00E+00	-7.60E-01	0.00E+00	-9.83E-02	0.00E+00	-2.03E-09	-1.01E-08	-8.17E-04	-2.12E-10	-7.00E-01	0.00E+00	-9.83E-02	-2.30E-05	-9.83E-02	-1.40E+00	-7.00E-01	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
B45020	-2.61E-03	5.15E-02	1.47E-03	5.00E-02	0.00E+00	0.00E+00	-4.78E-01	-3.41E-04	2.57E-04	-1.12E-03	0.00E+00	0.00E+00	-4.10E-10	-3.61E-08	3.28E-03	-1.14E-01	0.00E+00	0.00E+00	-2.23E-01	0.00E+00	9.12E-01	0.00E+00	8.16E-09	-1.77E-09	-2.87E-04	0.00E+00	1.26E-02	0.00E+00	9.12E-01	-1.18E-05	9.12E-01	9.25E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
B45021	-1.37E-02	-1.70E-01	-2.20E-03	-1.68E-01	0.00E+00	0.00E+00	-2.20E+00	-8.72E-04	-4.14E-04	-5.28E-03	0.00E+00	0.00E+00	-1.15E-09	-1.02E-07	-2.59E-03	-7.38E+00	0.00E+00	0.00E+00	-1.76E+00	0.00E+00	-9.51E-01	0.00E+00	-5.44E-09	-2.04E-08	-1.50E-03	0.00E+00	-1.14E+00	0.00E+00	-9.51E-01	-2.77E-05	-9.51E-01	-2.09E+00	-1.14E+00	0.00E+00	0.00E+00	0.00E+00	-7.46E+01
B45022	-4.09E-03	-1.73E-02	2.26E-04	-6.97E-02	0.00E+00	0.00E+00	-1.54E+00	-4.61E-04	-1.54E-05	-1.53E-03	0.00E+00	0.00E+00	-4.38E-10	-6.28E-08	1.66E-03	-4.38E+00	0.00E+00	0.00E+00	-7.53E-01	0.00E+00	-5.74E-02	0.00E+00	2.50E-09	-6.34E-09	-5.17E-04	-2.12E-10	-6.02E-01	0.00E+00	-5.74E-02	-1.16E-05	-5.74E-02	-8.04E-01	-6.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.37E+01
B45023	-4.09E-03	-1.73E-02	2.26E-04	-6.97E-02	0.00E+00	0.00E+00	-1.54E+00	-4.61E-04	-1.54E-05	-1.53E-03	0.00E+00	0.00E+00	-4.38E-10	-6.28E-08	1.66E-03	-4.38E+00	0.00E+00	0.00E+00	-7.53E-01	0.00E+00	-5.74E-02	0.00E+00	2.50E-09	-6.34E-09	-5.17E-04	-2.12E-10	-6.02E-01	0.00E+00	-5.74E-02	-1.16E-05	-5.74E-02	-8.04E-01	-6.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.37E+01
B45024	-2.58E-03	5.64E-02	1.61E-03	5.48E-02	0.00E+00	0.00E+00	-4.32E-01	-3.39E-04	2.62E-04	-1.07E-03	0.00E+00	0.00E+00	-3.63E-10	-3.59E-08	3.49E-03	-1.09E-01	0.00E+00	0.00E+00	-1.73E-01	0.00E+00	9.88E-01	0.00E+00	8.56E-09	-1.30E-09	-2.61E-04	0.00E+00	1.82E-02	0.00E+00	9.88E-01	-1.17E-05	9.88E-01	1.01E+00	1.82E-02	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
B45026	-4.61E-03	-1.19E-02	2.80E-04	-7.59E-02	0.00E+00	0.00E+00	-1.59E+00	-5.90E-04	2.82E-06	-2.51E-03	0.00E+00	0.00E+00	-3.47E-10	-6.98E-08	1.34E-03	-4.88E+00	0.00E+00	0.00E+00	-8.40E-01	0.00E+00	-5.81E-02	0.00E+00	3.28E-09	-5.50E-09	-4.28E-04	-2.12E-10	-6.74E-01	0.00E+00	-5.81E-02	-1.65E-05	-5.81E-02	-8.17E-01	-6.74E-01	0.00E+00	0.00E+00	0.00E+00	-2.12E+01
B45030	-2.06E-02	-2.47E-01	-3.27E-03	-2.44E-01	0.00E+00	0.00E+00	-3.30E+00	-1.31E-03	-6.18E-04	-7.89E-03	0.00E+00	0.00E+00	-1.70E-09	-1.53E-07	-3.83E-03	-1.07E+01	0.00E+00	0.00E+00	-2.62E+00	0.00E+00	-1.40E+00	0.00E+00	-7.99E-09	-3.03E-08	-2.24E-03	0.00E+00	-1.66E+00	0.00E+00	-1.40E+00	-4.14E-05	-1.40E+00	-3.06E+00	-1.66E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
B45031	-8.38E-03	-2.62E-02	-1.34E-04	-6.78E-02	0.00E+00	0.00E+00	-1.88E+00	-7.05E-04	-4.33E-05	-2.62E-03	0.00E+00	-1.05E-06	-4.48E-10	-7.90E-08	-3.49E-04	-3.94E+00	0.00E+00	0.00E+00	-1.02E+00	-3.76E-04	-2.97E-02	0.00E+00	3.44E-09	-9.66E-09	-6.57E-04	-2.47E-07	-6.06E-01	0.00E+00	-2.97E-02	-2.43E-05	-2.97E-02	-7.77E-01	-6.06E-01	0.00E+00	0.00E+00	0.00E+00	-3.49E+01
B45032	-5.78E-03	-2.28E-02	9.28E-05	-6.79E-02	0.00E+00	0.00E+00	-1.62E+00	-6.76E-04	-6.66E-05	-2.56E-03	0.00E+00	-1.05E-06	-4.65E-10	-7.57E-08	5.74E-04	-4.50E+00	0.00E+00	0.00E+00	-9.71E-01	-3.76E-04	-3.97E-02	0.00E+00	4.42E-09	-8.05E-09	-6.34E-04	-2.47E-07	-6.26E-01	0.00E+00	-3.97E-02	-2.38E-05	-3.97E-02	-7.56E-01	-6.26E-01	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
B45033	-5.78E-03	-2.28E-02	9.28E-05	-6.79E-02	0.00E+00	0.00E+00	-1.62E+00	-6.76E-04	-6.66E-05	-2.56E-03	0.00E+00	-1.05E-06	-4.65E-10	-7.57E-08	5.74E-04	-4.50E+00	0.00E+00	0.00E+00	-9.71E-01	-3.76E-04	-3.97E-02	0.00E+00	4.42E-09	-8.05E-09	-6.34E-04	-2.47E-07	-6.26E-01	0.00E+00	-3.97E-02	-2.38E-05	-3.97E-02	-7.56E-01	-6.26E-01	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
B45034	-5.07E-03	-4.16E-02	-2.70E-04	-9.41E-02	0.00E+00	0.00E+00	-1.70E+00	-7.03E-04	-1.37E-04	-3.00E-03	0.00E+00	-1.05E-06	-4.72E-10	-7.94E-08	-1.34E-04	-5.30E+00	0.00E+00	0.00E+00	-9.69E-01	-3.76E-04	-3.23E-01	0.00E+00	3.72E-09	-7.59E-09	-6.47E-04	-2.47E-07	-7.54E-01	0.00E+00	-3.23E-01	-2.44E-05	-3.23E-01	-1.05E+00	-7.54E-01	0.00E+00	0.00E+00	0.00E+00	-3.24E+01
B88100	-4.19E-03	-7.32E-02	-8.44E-04	-7.24E-02	0.00E+00	0.00E+00	-1.03E+00	-4.19E-04	-1.65E-04	-2.45E-03	0.00E+00	0.00E+00	-5.57E-10	-4.89E-08	-8.54E-04	-3.50E+00	0.00E+00	0.00E+00	-8.10E-01	0.00E+00	-3.50E-01	0.00E+00	-1.71E-09	-9.40E-09	-6.98E-04	0.00E+00	-5.38E-01	0.00E+00	-3.50E-01	-1.31E-05	-3.50E-01	-8.88E-01	-5.38E-01	0.00E+00	0.00E+00	0.00E+00	-3.46E+01
B88102	-1.45E-03	-2.51E-02	7.36E-05	-3.02E-02	0.00E+00	0.00E+00	-3.98E-01	-2.34E-04	4.32E-05	-8.67E-04	0.00E+00	0.00E+00	-2.64E-10	-2.30E-08	-1.24E-03	-1.90E+00	0.00E+00	0.00E+00	-2.73E-01	0.00E+00	-1.36E-01	0.00E+00	5.13E-10	-4.79E-09	-2.83E-04	-2.12E-10	-2.50E-01	0.00E+00	-1.36E-01	-4.92E-06	-1.36E-01	-3.93E-01	-2.50E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+01
B88122	-3.21E-03	-9.43E-02	3.63E-04	-9.47E-02	0.00E+00	0.00E+00	-6.72E-01	-3.61E-04	1.98E-04	-2.12E-03	0.00E+00	0.00E+00	-4.28E-10	-3.86E-08	7.36E-05	-6.55E+00	0.00E+00	0.00E+00	-4.97E-01	0.00E+00	-7.09E-02	0.00E+00	3.25E-10	-8.63E-09	-5.63E-04	0.00E+00	-9.52E-01	0.00E+00	-7.09E-02	-1.50E-05	-7.09E-02	-1.02E+00	-9.52E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
GD20009011	-1.51E-02	3.87E-02	6.46E-05	-4.11E-02	0.00E+00	0.00E+00	-5.04E+00	-2.16E-03	-6.79E-04	-1.04E-02	0.00E+00	0.00E+00	-2.66E-09	-2.55E-07	-2.41E-03	-6.41E+00	0.00E+00	0.00E+00	-3.04E+00	0.00E+00	-6.63E-01	0.00E+00	-4.67E-10	-3.09E-08	-3.20E-03	-2.12E-10	-1.08E+00	0.00E+00	-6.63E-01	-6.41E-05	-6.63E-01	-1.40E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-1.74E+02
GD20017035	-3.16E-03	7.51E-02	-5.34E-05	4.65E-02	0.00E+00	0.00E+00	-2.54E+00	-8.05E-04	-3.67E-04	-9.39E-03	0.00E+00	0.00E+00	-2.60E-09	-7.59E-08	2.64E-03	-6.44E+00	0.00E+00	0.00E+00	-2.64E+00	0.00E+00	-3.06E-01	0.00E+00	1.73E-09	-2.67E-08	-2.58E-03	-2.12E-10	-1.01E+00	0.00E+00	-3.06E-01	-5.63E-05	-3.06E-01	-7.84E-01	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
GD20019011	-3.75E-03	6.47E-02	-7.09E-04	2.71E-02	0.00E+00	0.00E+00	-2.54E+00	-8.06E-04	-3.69E-04	-9.03E-03	0.00E+00	0.00E+00	-2.60E-09	-7.19E-08	2.33E-03	-6.32E+00	0.00E+00	0.00E+00	-2.63E+00	0.00E+00	-4.28E-01	0.00E+00	3.59E-10	-3.11E-08	-2.54E-03	-2.12E-10	-8.79E-01	0.00E+00	-4.28E-01	-5.82E-05	-4.28E-01	-8.84E-01	-8.79E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
GD20019016	-5.07E-03	6.71E-02	-7.59E-04	3.19E-02	0.00E+00	0.00E+00	-2.56E+00	-8.74E-04	-3.72E-04	-9.42E-03	0.00E+00	0.00E+00	-2.60E-09	-7.73E-08	2.24E-03	-7.06E+00	0.00E+00	0.00E+00	-2.64E+00	0.00E+00	-4.23E-01	0.00E+00	5.81E-11	-3.12E-08	-2.58E-03	-2.12E-10	-1.08E+00	0.00E+00	-4.23E-01	-5.71E-05	-4.23E-01	-8.87E-01	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
GD30007035	-2.31E-02	1.06E-01	1.53E-03	1.40E-01	0.00E+00	0.00E+00	-5.14E+00	-2.27E-03	-6.34E-04	-7.88E-03	0.00E+00	0.00E+00	-2.67E-09	-2.64E-07	3.33E-03	-6.03E+00	0.00E+00	0.00E+00	-2.76E+00	0.00E+00	1.86E-01	0.00E+00	3.86E-09	-3.71E-08	-2.74E-03	-2.12E-10	-1.00E+00	0.00E+00	1.86E-01	-7.52E-05	1.86E-01	-5.98E-01	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.72E+02

GD30009011	-2.31E-02	1.07E-01	1.49E-03	1.38E-01	0.00E+00	0.00E+00	-5.14E+00	-2.27E-03	-6.36E-04	-7.88E-03	0.00E+00	0.00E+00	-2.67E-09	-2.64E-07	3.30E-03	-6.25E+00	0.00E+00	0.00E+00	-2.76E+00	0.00E+00	1.12E-01	0.00E+00	3.86E-09	-3.71E-08	-2.74E-03	-2.12E-10	-1.02E+00	0.00E+00	1.12E-01	-7.52E-05	1.12E-01	-7.85E-01	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-1.72E+02
GD30017035	-5.74E-03	5.14E-02	4.20E-03	1.37E-01	0.00E+00	0.00E+00	-1.13E+00	-8.51E-04	-2.87E-04	-5.97E-03	0.00E+00	0.00E+00	-1.61E-09	-7.67E-08	4.70E-03	-6.42E+00	0.00E+00	0.00E+00	-2.36E+00	0.00E+00	4.06E-01	0.00E+00	3.31E-09	-2.37E-08	-1.87E-03	-2.12E-10	-9.84E-01	0.00E+00	4.06E-01	-6.06E-05	4.06E-01	-2.32E-01	-9.84E-01	0.00E+00	0.00E+00	0.00E+00	-8.47E+01
GD30019011	-7.45E-03	-2.73E-01	2.94E-03	-8.11E-02	0.00E+00	0.00E+00	-1.42E+00	-1.22E-03	-2.60E-04	-6.71E-03	0.00E+00	0.00E+00	-1.66E-09	-1.48E-07	5.24E-03	-5.98E+00	0.00E+00	0.00E+00	-2.38E+00	0.00E+00	2.98E-01	0.00E+00	-2.50E-09	-2.68E-08	-1.88E-03	-2.12E-10	-8.99E-01	0.00E+00	2.98E-01	-6.43E-05	2.98E-01	-1.33E-01	-8.99E-01	0.00E+00	0.00E+00	0.00E+00	-9.96E+01
GD30019016	-7.64E-03	-2.73E-01	2.93E-03	-7.29E-02	0.00E+00	0.00E+00	-1.42E+00	-1.23E-03	-2.56E-04	-6.64E-03	0.00E+00	0.00E+00	-1.67E-09	-1.48E-07	6.03E-03	-6.41E+00	0.00E+00	0.00E+00	-2.36E+00	0.00E+00	6.55E-01	0.00E+00	-2.21E-09	-2.68E-08	-1.88E-03	-2.12E-10	-9.57E-01	0.00E+00	6.55E-01	-6.43E-05	6.55E-01	-6.36E-02	-9.57E-01	0.00E+00	0.00E+00	0.00E+00	-9.93E+01
GDE20017035	-3.92E-03	5.45E-02	-7.62E-04	6.96E-02	0.00E+00	0.00E+00	-2.27E+00	-8.27E-04	-3.61E-04	-8.66E-03	0.00E+00	0.00E+00	-2.58E-09	-7.42E-08	2.97E-03	-3.41E+00	0.00E+00	0.00E+00	-2.63E+00	0.00E+00	5.85E-02	0.00E+00	3.21E-10	-3.13E-08	-2.52E-03	-2.12E-10	-4.77E-01	0.00E+00	5.85E-02	-5.77E-05	5.85E-02	-6.94E-02	-4.77E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
GDE20019016	-3.18E-03	6.84E-02	-7.38E-04	7.51E-02	0.00E+00	0.00E+00	-2.28E+00	-8.02E-04	-3.68E-04	-9.10E-03	0.00E+00	0.00E+00	-2.58E-09	-7.42E-08	3.22E-03	-4.09E+00	0.00E+00	0.00E+00	-2.64E+00	0.00E+00	1.09E-01	0.00E+00	1.87E-09	-3.13E-08	-2.55E-03	-2.12E-10	-5.76E-01	0.00E+00	1.09E-01	-5.63E-05	1.09E-01	-5.57E-02	-5.76E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
GDE30019016	-5.96E-03	5.35E-02	4.20E-03	1.37E-01	0.00E+00	0.00E+00	-1.54E+00	-8.51E-04	-3.06E-04	-8.16E-03	0.00E+00	0.00E+00	-1.68E-09	-7.65E-08	4.70E-03	-6.25E+00	0.00E+00	0.00E+00	-2.52E+00	0.00E+00	4.06E-01	0.00E+00	3.31E-09	-2.43E-08	-2.32E-03	-2.12E-10	-9.75E-01	0.00E+00	4.06E-01	-6.06E-05	4.06E-01	-2.32E-01	-9.75E-01	0.00E+00	0.00E+00	0.00E+00	-8.86E+01
GE20103020	-2.18E-03	-2.91E-02	-7.55E-04	-9.82E-02	0.00E+00	0.00E+00	-1.20E+00	-4.90E-04	-3.24E-04	-5.35E-03	0.00E+00	0.00E+00	-2.01E-09	-3.92E-08	-3.28E-03	-7.27E+00	0.00E+00	0.00E+00	-2.40E+00	0.00E+00	-7.02E-01	0.00E+00	-2.51E-09	-2.35E-08	-1.76E-03	-2.12E-10	-9.35E-01	0.00E+00	-7.02E-01	-3.28E-05	-7.02E-01	-1.21E+00	-9.35E-01	0.00E+00	0.00E+00	0.00E+00	-7.39E+01
GE20109016	-2.11E-03	-1.69E-02	-7.46E-04	-9.26E-02	0.00E+00	0.00E+00	-1.24E+00	-4.80E-04	-3.33E-04	-5.76E-03	0.00E+00	0.00E+00	-2.00E-09	-4.08E-08	-3.53E-03	-7.91E+00	0.00E+00	0.00E+00	-2.40E+00	0.00E+00	-6.41E-01	0.00E+00	-3.27E-09	-2.35E-08	-1.79E-03	-2.12E-10	-1.14E+00	0.00E+00	-6.41E-01	-3.19E-05	-6.41E-01	-1.27E+00	-1.14E+00	0.00E+00	0.00E+00	0.00E+00	-7.45E+01
GE20113020	-1.61E-03	-2.72E-02	-8.39E-04	-6.96E-02	0.00E+00	0.00E+00	-1.03E+00	-4.38E-04	-3.22E-04	-5.71E-03	0.00E+00	0.00E+00	-1.25E-09	-3.78E-08	-1.57E-03	-7.66E+00	0.00E+00	0.00E+00	-2.38E+00	0.00E+00	-2.21E-01	0.00E+00	-3.05E-09	-2.32E-08	-1.75E-03	-2.12E-10	-1.11E+00	0.00E+00	-2.21E-01	-3.22E-05	-2.21E-01	-9.50E-01	-1.11E+00	0.00E+00	0.00E+00	0.00E+00	-7.35E+01
GE20119016	-4.44E-03	-2.43E-01	-1.42E-03	-1.10E-01	0.00E+00	0.00E+00	-1.42E+00	-8.18E-04	-2.75E-04	-5.37E-03	0.00E+00	0.00E+00	-1.31E-09	-9.04E-08	-2.43E-03	-7.06E+00	0.00E+00	0.00E+00	-2.38E+00	0.00E+00	-3.72E-01	0.00E+00	-2.95E-09	-2.43E-08	-1.76E-03	-2.12E-10	-9.43E-01	0.00E+00	-3.72E-01	-3.53E-05	-3.72E-01	-9.15E-01	-9.43E-01	0.00E+00	0.00E+00	0.00E+00	-7.71E+01
GS10017035	-4.81E-03	-2.41E-01	-2.09E-03	-2.39E-01	0.00E+00	0.00E+00	-1.31E+00	-4.47E-04	-2.77E-04	-3.51E-03	0.00E+00	0.00E+00	-1.00E-09	-5.22E-08	-3.85E-02	-1.09E+01	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-1.26E+00	0.00E+00	-6.48E-09	-1.82E-08	-1.07E-03	0.00E+00	-1.65E+00	0.00E+00	-1.26E+00	-1.70E-05	-1.26E+00	-2.91E+00	-1.65E+00	0.00E+00	0.00E+00	0.00E+00	-5.14E+01
GS10019011	-4.81E-03	-2.41E-01	-2.09E-03	-2.38E-01	0.00E+00	0.00E+00	-1.31E+00	-4.47E-04	-2.77E-04	-3.51E-03	0.00E+00	0.00E+00	-1.00E-09	-5.22E-08	-3.85E-02	-1.09E+01	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-1.26E+00	0.00E+00	-6.48E-09	-1.82E-08	-1.07E-03	0.00E+00	-1.65E+00	0.00E+00	-1.26E+00	-1.70E-05	-1.26E+00	-2.90E+00	-1.65E+00	0.00E+00	0.00E+00	0.00E+00	-5.14E+01
GS10019016	-3.74E-03	-2.31E-01	-1.71E-03	-2.29E-01	0.00E+00	0.00E+00	-1.05E+00	-3.49E-04	-2.25E-04	-2.83E-03	0.00E+00	0.00E+00	-8.81E-10	-4.08E-08	-3.81E-02	-1.08E+01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-1.13E+00	0.00E+00	-5.79E-09	-1.60E-08	-8.88E-04	0.00E+00	-1.63E+00	0.00E+00	-1.13E+00	-1.08E-05	-1.13E+00	-2.76E+00	-1.63E+00	0.00E+00	0.00E+00	0.00E+00	-4.30E+01
GS1001LAN	-4.81E-03	-2.41E-01	-2.09E-03	-2.39E-01	0.00E+00	0.00E+00	-1.31E+00	-4.47E-04	-2.77E-04	-3.51E-03	0.00E+00	0.00E+00	-1.00E-09	-5.22E-08	-3.85E-02	-1.09E+01	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-1.26E+00	0.00E+00	-6.48E-09	-1.82E-08	-1.07E-03	0.00E+00	-1.65E+00	0.00E+00	-1.26E+00	-1.70E-05	-1.26E+00	-2.91E+00	-1.65E+00	0.00E+00	0.00E+00	0.00E+00	-5.14E+01
GS11003020	-8.01E-03	2.86E-02	1.57E-04	2.54E-02	0.00E+00	0.00E+00	-1.24E+00	-1.82E-03	-1.81E-04	-2.21E-03	0.00E+00	0.00E+00	-3.68E-10	-1.81E-07	-3.39E-04	-2.51E+00	0.00E+00	0.00E+00	-7.34E-01	0.00E+00	-1.71E-01	0.00E+00	1.48E-09	-5.95E-09	-4.82E-04	-2.12E-10	-3.44E-01	0.00E+00	-1.71E-01	-2.76E-05	-1.71E-01	-5.12E-01	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-4.35E+01
GS11009011	-7.94E-03	4.82E-02	-4.24E-04	1.91E-02	0.00E+00	0.00E+00	-1.21E+00	-1.81E-03	-1.73E-04	-2.48E-03	0.00E+00	0.00E+00	-3.74E-10	-1.81E-07	5.95E-05	-2.63E+00	0.00E+00	0.00E+00	-7.51E-01	0.00E+00	3.30E-02	0.00E+00	8.54E-10	-1.12E-08	-4.66E-04	-2.12E-10	-3.55E-01	0.00E+00	3.30E-02	-2.75E-05	3.30E-02	-3.71E-01	-3.55E-01	0.00E+00	0.00E+00	0.00E+00	-4.49E+01
GS11009016	-7.91E-03	3.16E-02	-9.37E-06	1.83E-02	0.00E+00	0.00E+00	-1.24E+00	-1.82E-03	-1.84E-04	-2.21E-03	0.00E+00	0.00E+00	-3.71E-10	-1.81E-07	-2.44E-04	-2.51E+00	0.00E+00	0.00E+00	-7.40E-01	0.00E+00	-2.17E-01	0.00E+00	1.36E-09	-5.95E-09	-4.82E-04	-2.12E-10	-3.47E-01	0.00E+00	-2.17E-01	-2.76E-05	-2.17E-01	-5.68E-01	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	-4.35E+01
GS11013020	-1.95E-03	5.07E-02	-4.24E-04	1.00E-01	0.00E+00	0.00E+00	-6.24E-01	-5.89E-04	-3.65E-05	-2.47E-03	0.00E+00	0.00E+00	-3.55E-10	-4.39E-08	3.47E-03	-2.40E+00	0.00E+00	0.00E+00	-7.58E-01	0.00E+00	4.84E-01	0.00E+00	2.42E-09	-9.99E-09	-4.64E-04	-2.12E-10	-3.34E-01	0.00E+00	4.84E-01	-2.02E-05	4.84E-01	1.86E-01	-3.34E-01	0.00E+00	0.00E+00	0.00E+00	-3.40E+01
GS11019011	-1.95E-03	2.69E-02	-4.81E-04	7.47E-02	0.00E+00	0.00E+00	-4.96E-01	-5.89E-04	-4.01E-05	-2.47E-03	0.00E+00	0.00E+00	-3.53E-10	-4.38E-08	3.48E-03	-2.66E+00	0.00E+00	0.00E+00	-7.58E-01	0.00E+00	2.15E-01	0.00E+00	1.31E-09	-1.02E-08	-4.81E-04	-2.12E-10	-3.66E-01	0.00E+00	2.15E-01	-2.02E-05	2.15E-01	3.25E-02	-3.66E-01	0.00E+00	0.00E+00	0.00E+00	-3.38E+01
GS11019016	-1.92E-03	5.29E-02	-5.44E-04	9.01E-02	0.00E+00	0.00E+00	-6.61E-01	-5.89E-04	-4.02E-05	-2.49E-03	0.00E+00	0.00E+00	-3.57E-10	-4.39E-08	3.05E-03	-2.30E+00	0.00E+00	0.00E+00	-7.63E-01	0.00E+00	4.57E-01	0.00E+00	2.49E-09	-1.01E-08	-4.64E-04	-2.12E-10	-3.37E-01	0.00E+00	4.57E-01	-2.02E-05	4.57E-01	1.45E-01	-3.37E-01	0.00E+00	0.00E+00	0.00E+00	-3.40E+01
GS12003020	-8.14E-03	1.71E-02	-5.71E-04	-1.51E-02	0.00E+00	0.00E+00	-1.22E+00	-1.82E-03	-1.87E-04	-2.57E-03	0.00E+00	0.00E+00	-4.02E-10	-1.80E-07	-1.83E-03	-3.07E+00	0.00E+00	0.00E+00	-7.64E-01	0.00E+00	-4.36E-01	0.00E+00	-1.01E-09	-1.16E-08	-5.21E-04	-2.12E-10	-3.94E-01	0.00E+00	-4.36E-01	-2.80E-05	-4.36E-01	-7.78E-01	-3.94E-01	0.00E+00	0.00E+00	0.00E+00	-4.62E+01
GS12009011	-8.17E-03	2.55E-02	-5.98E-04	-7.87E-03	0.00E+00	0.00E+00	-1.24E+00	-1.82E-03	-1.87E-04	-2.57E-03	0.00E+00	0.00E+00	-4.02E-10	-1.80E-07	-1.38E-03	-2.77E+00	0.00E+00	0.00E+00	-7.64E-01	0.00E+00	-2.95E-01	0.00E+00	-7.85E-10	-1.16E-08	-5.21E-04	-2.12E-10	-3.83E-01	0.00E+00	-2.95E-01	-2.80E-05	-2.95E-01	-7.78E-01	-3.83E-01	0.00E+00	0.00E+00	0.00E+00	-4.62E+01
GS12009016	-8.14E-03	1.71E-02	-5.71E-04	-1.51E-02	0.00E+00	0.00E+00	-1.22E+00	-1.82E-03	-1.87E-04	-2.57E-03	0.00E+00	0.00E+00	-4.02E-10	-1.80E-07	-1.83E-03	-3.07E+00	0.00E+00	0.00E+00	-7.64E-01	0.00E+00	-4.36E-01	0.00E+00	-1.01E-09	-1.16E-08	-5.21E-04	-2.12E-10	-3.94E-01	0.00E+00	-4.36E-01	-2.80E-05	-4.36E-01	-7.78E-01	-3.94E-01	0.00E+00	0.00E+00	0.00E+00	-4.62E+01
GS12013020	-2.01E-03	5.53E-02	-5.49E-04	9.24E-02	0.00E+00	0.00E+00	-7.74E-01	-5.89E-04	-4.84E-05	-2.38E-03	0.00E+00	0.00E+00	-3.55E-10	-4.37E-08	4.76E-03	-2.27E+00	0.00E+00	0.00E+00	-7.69E-01	0.00E+00	5.68E-01	0.00E+00	2.19E-09	-1.02E-08	-4.49E-04	-2.12E-10	-3.34E-01	0.00E+00	5.68E-01	-2.04E-05	5.68E-01	2.82E-01	-3.34E-01	0.00E+00	0.00E+00	0.00E+00	-3.42E+01
GS12019011	-2.01E-03	2.44E-02	-5.45E-04	6.27E-02	0.00E+00	0.00E+00	-7.57E-01	-5.89E-04	-5.18E-05	-2.33E-03	0.00E+00	0.00E+00	-3.55E-10	-4.44E-08	2.74E-03	-2.65E+00	0.00E+00	0.00E+00	-7.69E-01	0.00E+00	1.81E-02	0.00E+00	1.66E-09	-1.01E-08	-4.67E-04	-2.12E-10	-3.63E-01	0.00E+00	1.81E-02	-2.04E-05	1.81E-02	-3.42E-02	-3.63E-01	0.00E+00	0.00E+00	0.00E+00	-3.41E+01
GS12019016	-3.31E-03	1.72E-03	-7.15E-04	7.71E-02	0.00E+00	0.00E+00	-9.34E-01	-6.33E-04	-7.21E-05	-2.67E-03	0.00E+00	0.00E+00	-4.48E-10	-5.10E-08	3.36E-03	-2.54E+00	0.00E+00	0.00E+00	-8.03E-01	0.00E+00	3.24E-01	0.00E+00	7.50E-10	-1.14E-08	-5.82E-04	-2.12E-10	-4.01E-01	0.00E+00	3.24E-01	-2.23E-05	3.24E-01	-1.09E-01	-4.01E-01	0.00E+00	0.00E+00	0.00E+00	-3.46E+01
GS20003020	-2.16E-02	-1.70E-02	-3.10E-03	-1.39E-02	0.00E+00	0.00E+00	-5.23E+00	-2.19E-03	-8.26E-04	-1.07E-02	0.00E+00	0.00E+00	-2.69E-09	-2.56E-07	-2.19E-03	-8.70E+00	0.00E+00	0.00E+00	-4.07E+00	0.00E+00	-1.21E+00	0.00E+00	-3.25E-09	-4.10E-08	-3.14E-03	0.00E+00	-1.40E+00	0.00E+00	-1.21E+00	-6.49E-05	-1.21E+00	-2.60E+00	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
GS20009011	1.90E-03	-2.20E-02	3.47E-03	-2.54E-02	0.00E+00	0.00E+00	6.91E-01	-2.34E-06	1.43E-03	3.60E-04	0.00E+00	0.00E+00	-4.56E-10	1.47E-08	3.73E-03	-4.26E+00	0.00E+00	0.00E+00	-4.33E-02	0.00E+00	7.77E-01	0.00E+00	7.96E-09	5.99E-10	1.70E-04	0.00E+00	-6.05E-01	0.00E+00	7.77E-01	-8.90E-07	7.77E-01	1.73E-01	-6.05E-01	0.00E+00	0.00E+00	0.00E+00	-6.08E+00
GS20013020	3.01E-03	4.11E-01	7.89E-03	4.03E-01	0.00E+00	0.00E+00	1.19E+00	2.34E-06	1.71E-03	3.70E-03	0.00E+00	0.00E+00	2.26E-10	1.68E-08	1.04E-02	3.39E-01	0.00E+00	0.00E+00	1.23E+00	0.00E+00	2.78E+00	0.00E+00	2.40E-08	1.29E-08	1.03E-03	0.00E+00	1.98E-01	0.00E+00	2.78E+00	7.19E-07	2.78E+00	2.98E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	4.50E+01
GS20019011	2.45E-03	1.23E-01	6.03E-03	1.17E-01	0.00E+00	0.00E+00	1.03E+00	2.32E-06	1.53E-03	1.44E-03	0.00E+00	0.00E+00	1.81E-10	1.63E-08	7.23E-03	-2.97E-01	0.00E+00	0.00E+00	1.07E+00	0.00E+00	2.02E+00	0.00E+00	1.61E-08	8.68E-09	5.20E-04	0.00E+00	7.91E-02	0.00E+00	2.02E+00	6.22E-07	2.02E+00	2.10E+00	7.91E-02	0.00E+00	0.00E+00	0.00E+00	4.02E+01
GS20019016	-2.11E-02	1.89E-01	-1.57E-03	1.91E-01	0.00E+00	0.00E+00	-5.03E+00	-2.20E-03	-7.16E-04	-9.40E-03	0.00E+00	0.00E+00	-2.71E-09	-2.56E-07	2.02E-03	-1.66E+00	0.00E+00	0.00E+00	-3.77E+00	0.00E+00	7.49E-02	0.00E+00	7.47E-09	-3.31E-08	-2.79E-03	0.00E+00	-3.35E-01	0.00E+00	7.49E-02	-6.45E-05	7.49E-02	-2.60E-01	-3.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+02
GS20109011	-2.24E-02	-3.22E-01	-6.57E-03	-3.16E-01	0.00E+00	0.00E+00	-5.58E+00	-2.20E-03	-1.03E-03	-1.32E-02	0.00E+00	0.00E+00	-3.36E-09	-2.58E-07	-6.37E-03	-9.74E+00	0.00E+00	0.00E+00	-5.17E+00	0.00E+00	-2.47E+00	0.00E+00	-1.30E-08	-4.86E-08	-3.77E-03	0.00E+00	-1.66E+00	0.00E+00	-2.47E+00	-6.62E-05	-2.47E+00	-4.13E+00	-1.66E+00	0.00E+00	0.00E+00	0.00E+00	-2.21E+02
GS20109016	-2.24E-02	-3.22E-01	-6.51E-03	-3.16E-01	0.00E+00	0.00E+00	-5.58E+00	-2.20E-03	-1.03E-03	-1.32E-02	0.00E+00	0.00E+00	-3.34E-09	-2.58E-07	-6.35E-03	-9.81E+00	0.00E+00	0.00E+00	-5.14E+00	0.00E+00	-2.46E+00	0.00E+00	-1.30E-08	-4.86E-08	-3.77E-03	0.00E+00	-1.67E+00	0.00E+00	-2.46E+00	-6.62E-05	-2.46E+00	-4.13E+00	-1.67E+00	0.00E+00	0.00E+00	0.00E+00	-2.19E+02
GS20119011	-2.21E-02	-2.89E-01	-5.14E-03	-2.84E-01	0.00E+00	0.00E+00	-5.47E+00	-2.19E-03	-1.00E-03	-1.28E-02	0.00E+00	0.00E+00	-2.83E-09	-2.57E-07	-5.62E-03	-9.78E+00	0.00E+00	0.00E+00	-4.35E+00	0.00E+00	-2.10E+00	0.00E+00	-1.16E-08	-4.60E-08	-3.65E-03	0.00E+00	-1.59E+00	0.00E+00	-2.10E+00	-6.52E-05	-2.10E+00	-3.69E+00	-1.59E+00	0.00E+00	0.00E+00	0.00E+00	-1.85E+02
GS20119016	-2.21E-02	-2.89E-01	-5.09E-03	-2.84E-01	0.00E+00	0.00E+00	-5.46E+00	-2.19E-03	-1.00E-03	-1.28E-02	0.00E+00	0.00E+00	-2.81E-09	-2.57E-07	-5.60E-03	-9.85E+00	0.00E+00	0.00E+00	-4.32E+00	0.00E+00	-2.09E+00	0.00E+00	-1.15E-08	-4.60E-08	-3.65E-03	0.00E+00	-1.60E+00	0.00E+00	-2.09E+00	-6.51E-05	-2.09E+00	-3.69E+00	-1.60E+00	0.00E+00	0.00E+00	0.00E+00	-1.84E+02
GS30003020	-2.74E-02	-1.35E-01	-4.45E-03	-1.30E-01	0.00E+00	0.00E+00	-6.58E+00	-2.78E-03	-1.15E-03	-1.48E-02	0.00E+00	0.00E+00	-3.48E-09	-3.24E-07	-1.68E-03	-3.22E+00	0.00E+00	0.00E+00	-4.98E+00	0.00E+00	-9.36E-01	0.00E+00	-1.15E-09	-4.75E-08	-4.20E-03	0.00E+00	-6.21E-01	0.00E+00	-9.36E-01	-8.21E-05	-9.36E-01	-1.56E+00	-6.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.15E+02
GS30009011	-2.85E-02	-4.36E-01	-9.40E-03	-4.26E-01	0.00E+00	0.00E+00	-7.15E+00	-2.78E-03	-1.33E-03	-1.69E-02	0.00E+00	0.00E+00	-4.62E-09	-3.27E-07	-8.68E-03	-1.26E+01	0.00E+00	0.00E+00	-7.15E+00	0.00E+00	-3.39E+00	0.00E+00	-1.76E-08	-6.36E-08	-4.86E-03	0.00E+00	-2.19E+00	0.00E+00	-3.39E+00	-8.50E-05	-3.39E+00	-5.59E+00	-2.19E+00	0.00E+00	0.00E+00	0.00E+00	-3.05E+02
GS30009016	-2.64E-02	2.84E-01	2.42E-04	2.83E-01	0.00E+00	0.00E+00	-5.90E+00	-2.77E-03	-8.66E-04	-1.15E-02	0.00E+00	0.00E+00	-2.98E-09	-3.22E-07	4.69E-03	-2.34E+00	0.00E+00	0.00E+00	-3.87E+00	0.00E+00	7.15E-01	0.00E+00	1.29E-08	-3.87E-08	-3.39E-03	0.00E+00	-3.70E-01	0.00E+00	7.15E-01	-8.15E-05	7.15E-01	3.45E-01	-3.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.72E+02
GS30013020	3.30E-03	3.51E-01	8.41E-03	3.42E-01	0.00E+00	0.00E+00	1.21E+00	1.34E-06	2.09E-03	3.73E-03	0.00E+00	0.00E+00	2.38E-10	2.05E-08	8.45E-03	-8.42E+00	0.00E+00	0.00E+00	1.15E+00	0.00E+00	2.02E+00	0.00E+00	1.88E-08	6.84E-09	1.00E-03	0.00E+00	-1.09E+00	0.00E+00	2.02E+00	2.24E-07	2.02E+00	9.35E-01	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	4.19E+01
GS30019011	-1.68E-03	-1.18E-01	3.64E-03	-1.22E-01	0.00E+00	0.00E+00	-1.68E-01	-3.71E-04	1.38E-03	-1.92E-03	0.00E+00	0.00E+00	-4.16E-10	-2.72E-08	1.81E-03	-9.74E+00	0.00E+00	0.00E+00	-5.01E-02	0.00E+00	2.60E-01	0.00E+00	3.22E-09	-8.13E-09	-4.51E-04	0.00E+00	-1.37E+00	0.00E+00	2.60E-01	-1.34E-05	2.60E-01	-1.11E+00	-1.37E+00	0.00E+00	0.00E+00	0.00E+00	-5.08E+00
GS30019016	3.85E-03	5.58E-01	1.00E-02	5.48E-01	0.00E+00	0.00E+00	1.44E+00	1.18E-07	2.19E-03	4.95E-03	0.00E+00	0.00E+00	2.08E-10	2.10E-08	1.32E-02	3.78E-01	0.00E+00	0.00E+00	1.49E+00	0.00E+00	3.51E+00	0.00E+00	3.09E-08	1.61E-08	1.35E-03	0.00E+00	2.37E-01	0.00E+00	3.51E+00	7.69E-07	3.51E+00	3.75E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
MK087-32	-4.52E-03	-2.43E-02	1.79E-05	-2.02E-02	0.00E+00	0.00E+00	-5.93E-01	-2.90E-04	1.46E-05	-1.80E-03	0.00E+00	0.00E+00	-4.00E-10	-3.29E-08	-5.63E-05	-7.56E-01	0.00E+00	0.00E+00	-3.38E-01	0.00E+00	-2.49E-02	0.00E+00	2.50E-10	-5.89E-09	-3.75E-04	-2.12E-10	-1.05E-01	0.00E+00	-2.49E-02	-1.04E-05	-2.49E-02	-1.87E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.34E+01
MK087-61	-5.10E-03	-2.47E-02	-4.63E-06	-2.62E-02	0.00E+00	0.00E+00	-8.70E-01	-3.20E-04	-2.29E-05	-1.99E-03	0.00E+00	0.00E+00	-4.23E-10	-3.86E-08	-6.62E-05	-1.28E+00	0.00E+00	0.00E+00	-4.81E-01	0.00E+00	-3.33E-02	0.00E+00	6.76E-11	-6.37E-09	-4.16E-04	-2.12E-10	-1.45E-01	0.00E+00	-3.33E-02	-1.11E-05	-3.33E-02	-3.36E-01	-1.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
SN013	-2.71E-03	-8.57E-02	-1.00E-03	-8.47E-02	0.00E+00	0.00E+00	-7.12E-01	-2.56E-04	-1.44E-04	-1.83E-03	0.00E+00	0.00E+00	-5.21E-10	-3.01E-08	-1.29E-03	-3.10E+00	0.00E+00	0.00E+00	-6.54E-01	0.00E+00	-5.38E-01	0.00E+00	-2.85E-09	-8.27E-09	-5.58E-04	0.00E+00	-4.81E-01	0.00E+00	-5.38E-01	-1.01E-05	-5.38E-01	-1.02E+00	-4.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
SN013QC	3.06E-04	2.84E-02	1.05E-03	2.73E-02	0.00E+00	0.00E+00	9.39E-02	-1.54E-05	2.95E-04	3.77E-04	0.00E+00	0.00E+00	-1.26E-10	1.22E-09	9.86E-04	-2.61E+00	0.00E+00	0.00E+00	3.93E-02	0.00E+00	1.26E-01	0.00E+00	2.08E-09	-1.06E-09	6.32E-05	0.00E+00	-3.68E-01	0.00E+00	1.26E-01	-6.12E-07	1.26E-01	-2.43E-01	-3.68E-01	0.00E+00	0.00E+00	0.00E+00	7.73E-01
SN015	-6.56E-03	-1.04E-01	-1.46E-03	-1.03E-01	0.00E+00	0.00E+00	-1.10E+00	-4.05E-04	-2.19E-04	-2.78E-03	0.00E+00	0.00E+00	-7.67E-10	-4.76E-08	-1.80E-03	-3.20E+00	0.00E+00	0.00E+00	-9.86E-01	0.00E+00	-7.46E-01	0.00E+00	-3.89E-09	-1.17E-08	-8.39E-04	0.00E+00	-5.08E-01	0.00E+00	-7.46E-01	-1.62E-05	-7.46E-01	-1.25E+00	-5.08E-01	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
SN015QC	-6.46E-03	3.65E-02	-5.97E-04	3.71E-02	0.00E+00	0.00E+00	-1.56E+00	-6.70E-04	-2.32E-04	-3.03E-03	0.00E+00	0.00E+00	-9.54E-10	-7.79E-08	5.72E-04	-5.15E-01	0.00E+00	0.00E+00	-1.22E+00	0.00E+00	-6.59E-02	0.00E+00	2.00E-09	-1.11E-08	-9.21E-04	0.00E+00	-1.08E-01	0.00E+00	-6.59E-02	-1.93E-05	-6.59E-02	-1.74E-01	-1.08E-01	0.00E+00	0.00E+00	0.00E+00	-5.32E+01
SN016	-5.06E-03	-9.07E-02	-1.30E-03	-8.94E-02	0.00E+00	0.00E+00	-1.27E+00	-4.98E-04	-2.37E-04	-3.03E-03	0.00E+00	0.00E+00	-7.09E-10	-5.83E-08	-1.50E-03	-3.44E+00	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-5.86E-01	0.00E+00	-3.20E-09	-1.17E-08	-8.75E-04	0.00E+00	-5.42E-01	0.00E+00	-5.86E-01	-1.54E-05	-5.86E-01	-1.13E+00	-5.42E-01	0.00E+00	0.00E+00	0.00E+00	-4.39E+01
SN016P	2.76E-04	-1.81E-02	6.51E-04	-1.88E-02	0.00E+00	0.00E+00	7.87E-02	-8.45E-06	2.67E-04	-1.20E-04	0.00E+00	0.00E+00	-2.10E-10	2.53E-09	4.35E-04	-5.05E-01	0.00E+00	0.00E+00	-2.28E-02	0.00E+00	-7.66E-02	0.00E+00	6.40E-10	-1.38E-09	-6.95E-05	0.00E+00	-7.01E-02	0.00E+00	-7.66E-02	-4.59E-07	-7.66E-02	-1.47E-01	-7.01E-02	0.00E+00	0.00E+00	0.00E+00	-1.49E+00
SN023	-4.18E-03	-8.67E-02	-1.02E-03	-8.57E-02	0.00E+00	0.00E+00	-7.15E-01	-2.57E-04	-1.45E-04	-1.84E-03	0.00E+00	0.00E+00	-5.31E-10	-3.01E-08	-1.31E-03	-3.09E+00	0.00E+00	0.00E+00	-6.61E-01	0.00E+00	-5.50E-01	0.00E+00	-2.90E-09	-8.36E-09	-5.63E-04	0.00E+00	-4.80E-01	0.00E+00	-5.50E-01	-1.02E-05	-5.50E-01	-1.03E+00	-4.80E-01	0.00E+00	0.00E+00	0.00E+00	-2.76E+01
SN023QC	-3.95E-03	6.20E-04	-1.37E-05	6.34E-04	0.00E+00	0.00E+00	-8.22E-01	-4.13E-04	-1.43E-04	-1.97E-03	0.00E+00	0.00E+00	-4.82E-10	-4.78E-08	1.03E-03	-5.67E-01	0.00E+00	0.00E+00	-5.98E-01	0.00E+00	2.08E-01	0.00E+00	2.47E-09	-5.79E-09	-5.51E-04	0.00E+00	-8.75E-02	0.00E+00	2.08E-01	-1.17E-05	2.08E-01	1.20E-01	-8.75E-02	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
SN025	-6.56E-03	-1.04E-01	-1.46E-03	-1.03E-01	0.00E+00	0.00E+00	-1.10E+00	-4.05E-04	-2.19E-04	-2.78E-03	0.00E+00	0.00E+00	-7.67E-10	-4.76E-08	-1.80E-03	-3.18E+00	0.00E+00	0.00E+00	-9.85E-01	0.00E+00	-7.46E-01	0.00E+00	-3.89E-09	-1.17E-08	-8.39E-04	0.00E+00	-5.06E-01	0.00E+00	-7.46E-01	-1.62E-05	-7.46E-01	-1.25E+00	-5.06E-01	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
SN025QC	-6.33E-03	6.21E-02	-5.14E-06	6.21E-02	0.00E+00	0.00E+00	-1.39E+00	-6.65E-04	-2.10E-04	-2.77E-03	0.00E+00	0.00E+00	-7.79E-10	-7.71E-08	1.45E-03	-4.68E-01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	2.39E-01	0.00E+00	3.73E-09	-9.21E-09	-8.14E-04	0.00E+00	-8.27E-02	0.00E+00	2.39E-01	-1.90E-05	2.39E-01	1.56E-01	-8.27E-02	0.00E+00	0.00E+00	0.00E+00	-4.58E+01
SN116	-3.77E-03	1.75E-01	6.70E-04	1.74E-01	0.00E+00	0.00E+00	-8.04E-01	-4.15E-04	-4.71E-05	-7.31E-04	0.00E+00	0.00E+00	-4.77E-10	-4.83E-08	1.79E-03	-2.75E-01	0.00E+00	0.00E+00	-6.16E-01	0.00E+00	3.01E-01	0.00E+00	4.65E-09	-4.72E-09	-2.97E-04	0.00E+00	-4.16E-02	0.00E+00	3.01E-01	-1.49E-05	3.01E-01	2.60E-01	-4.16E-02	0.00E+00	0.00E+00	0.00E+00	-2.81E+01
SN116P	-3.26E-03	-4.26E-03	-4.96E-04	-1.62E-02	0.00E+00	0.00E+00	-6.64E-01	-3.38E-04	-4.12E-05	-1.99E-03	0.00E+00	-2.69E-09	-5.07E-10	-3.74E-08	-9.30E-04	-9.99E-01	0.00E+00	0.00E+00	-8.73E-01	-9.62E-07	-2.03E-01	0.00E+00	-1.47E-09	-7.40E-09	-7.24E-04	-2.12E-10	-1.97E-01	0.00E+00	-2.03E-01	-1.59E-05	-2.03E-01	-3.33E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-3.11E+01
SN216	-2.10E-03	-2.52E-02	5.40E-04	-2.57E-02	0.00E+00	0.00E+00	-4.21E-01	-2.52E-04	1.85E-04	-1.30E-03	0.00E+00	0.00E+00	-3.30E-10	-2.64E-08	5.92E-04	-1.86E+00	0.00E+00	0.00E+00	-3.12E-01	0.00E+00	5.96E-02	0.00E+00	1.23E-09	-4.49E-09	-3.57E-04	0.00E+00	-2.67E-01	0.00E+00	5.96E-02	-9.03E-06	5.96E-02	-2.07E-01	-2.67E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E+01
SN316	-3.16E-03	-3.03E-02	-1.17E-04	-3.13E-02	0.00E+00	0.00E+00	-5.60E-01	-3.50E-04	-1.11E-06	-1.35E-03	0.00E+00	-4.70E-08	-3.18E-10	-3.79E-08	7.28E-04	-2.04E+00	0.00E+00	0.00E+00	-5.01E-01	-1.68E-05	-1.08E-01	0.00E+00	7.30E-10	-6.22E-09	-3.63E-04	-2.12E-10	-3.12E-01	0.00E+00	-1.08E-01	-7.91E-06	-1.08E-01	-3.41E-01	-3.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.87E+01
SNO10DA	-1.06E-02	-1.19E-01	-2.50E-03	-1.17E-01	0.00E+00	0.00E+00	-1.76E+00	-6.44E-04	-3.50E-04	-4.48E-03	0.00E+00	0.00E+00	-1.25E-09	-7.53E-08	-3.04E-03	-1.43E+00	0.00E+00	0.00E+00	-1.60E+00	0.00E+00	-1.21E+00	0.00E+00	-6.04E-09	-1.75E-08	-1.36E-03	0.00E+00	-2.75E-01	0.00E+00	-1.21E+00	-2.93E-05	-1.21E+00	-1.49E+00	-2.75E-01	0.00E+00	0.00E+00	0.00E+00	-6.64E+01
SNO15DA	-1.05E-02	-1.19E-01	-2.50E-03	-1.17E-01	0.00E+00	0.00E+00	-1.75E+00	-6.42E-04	-3.49E-04	-4.47E-03	0.00E+00	0.00E+00	-1.25E-09	-7.51E-08	-3.03E-03	-1.43E+00	0.00E+00	0.00E+00	-1.59E+00	0.00E+00	-1.21E+00	0.00E+00	-6.03E-09	-1.74E-08	-1.35E-03	0.00E+00	-2.75E-01	0.00E+00	-1.21E+00	-2.93E-05	-1.21E+00	-1.48E+00	-2.75E-01	0.00E+00	0.00E+00	0.00E+00	-6.62E+01
SNS016	-3.35E-03	2.15E-03	1.35E-04	2.01E-03	0.00E+00	0.00E+00	-7.28E-01	-3.63E-04	-3.66E-05	-1.69E-03	0.00E+00	0.00E+00	-4.24E-10	-4.11E-08	9.96E-04	-5.74E-01	0.00E+00	0.00E+00	-5.08E-01	0.00E+00	2.28E-01	0.00E+00	2.63E-09	-4.83E-09	-4.67E-04	0.00E+00	-8.67E-02	0.00E+00	2.28E-01	-1.03E-05	2.28E-01	1.41E-01	-8.67E-02	0.00E+00	0.00E+00	0.00E+00	-2.29E+01
SNS216	-6.28E-03	-4.84E-02	-1.03E-03	-4.74E-02	0.00E+00	0.00E+00	-1.49E+00	-6.33E-04	-2.69E-04	-3.46E-03	0.00E+00	0.00E+00	-8.19E-10	-7.39E-08	-5.17E-04	-1.67E+00	0.00E+00	0.00E+00	-1.15E+00	0.00E+00	-2.93E-01	0.00E+00	-7.88E-10	-1.17E-08	-9.87E-04	0.00E+00	-2.79E-01	0.00E+00	-2.93E-01	-1.92E-05	-2.93E-01	-5.71E-01	-2.79E-01	0.00E+00	0.00E+00	0.00E+00	-4.98E+01
SNS316	-4.32E-03	-3.31E-02	-7.52E-04	-1.82E-02	0.00E+00	0.00E+00	-8.74E-01	-4.88E-04	-8.70E-05	-2.12E-03	0.00E+00	-1.93E-09	-6.87E-10	-5.94E-08	-1.07E-03	-2.37E+00	0.00E+00	0.00E+00	-6.94E-01	-6.90E-07	-4.72E-01	0.00E+00	-1.27E-09	-7.93E-09	-4.49E-04	-2.12E-10	-3.57E-01	0.00E+00	-4.72E-01	-1.68E-05	-4.72E-01	-3.74E-01	-3.57E-01	0.00E+00	0.00E+00	0.00E+00	-3.18E+01
WBHP1S	-8.17E-03	-2.08E-01	-1.96E-03	-2.06E-01	0.00E+00	0.00E+00	-1.37E+00	-4.97E-04	-2.83E-04	-3.62E-03	0.00E+00	0.00E+00	-8.60E-10	-5.85E-08	-2.72E-03	-1.00E+01	0.00E+00	0.00E+00	-1.20E+00	0.00E+00	-9.81E-01	0.00E+00	-5.64E-09	-1.70E-08	-1.05E-03	0.00E+00	-1.51E+00	0.00E+00	-9.81E-01	-2.14E-05	-9.81E-01	-2.49E+00	-1.51E+00	0.00E+00	0.00E+00	0.00E+00	-4.97E+01
WBHP2S	-2.94E-03	9.58E-02	2.33E-03	9.35E-02	0.00E+00	0.00E+00	-3.45E-01	-3.83E-04	2.42E-04	-9.89E-04	0.00E+00	0.00E+00	-3.81E-10	-4.02E-08	5.62E-03	-2.40E-01	0.00E+00	0.00E+00	-5.30E-02	0.00E+00	1.64E+00	0.00E+00	1.42E-08	1.34E-10	-2.19E-04	0.00E+00	2.89E-02	0.00E+00	1.64E+00	-1.64E-05	1.64E+00	1.67E+00	2.89E-02	0.00E+00	0.00E+00	0.00E+00	-5.86E+00
WBHP2S-MB	-6.90E-04	1.18E-01	3.22E-03	1.15E-01	0.00E+00	0.00E+00	2.34E-01	-1.78E-04	4.69E-04	2.45E-04	0.00E+00	0.00E+00	-1.14E-10	-1.49E-08	6.47E-03	-2.97E-02	0.00E+00	0.00E+00	4.15E-01	0.00E+00	1.92E+00	0.00E+00	1.59E-08	4.48E-09	1.41E-04	0.00E+00	8.25E-02	0.00E+00	1.92E+00	-1.05E-05	1.92E+00	2.00E+00	8.25E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
WBHP2S-MW	-4.47E-03	-2.03E-01	-7.76E-04	-2.02E-01	0.00E+00	0.00E+00	-1.11E+00	-4.61E-04	1.02E-05	-3.15E-03	0.00E+00	0.00E+00	-7.64E-10	-5.16E-08	-1.62E-03	-1.09E+01	0.00E+00	0.00E+00	-9.57E-01	0.00E+00	-7.20E-01	0.00E+00	-3.85E-09	-1.53E-08	-9.06E-04	0.00E+00	-1.62E+00	0.00E+00	-7.20E-01	-1.67E-05	-7.20E-01	-2.34E+00	-1.62E+00	0.00E+00	0.00E+00	0.00E+00	-4.07E+01
WBP1S	-3.78E-03	-1.12E-01	-3.39E-04	-3.78E-02	0.00E+00	0.00E+00	-7.37E-01	-4.20E-04	-1.69E-04	-1.83E-03	0.00E+00	0.00E+00	-5.03E-10	-4.54E-08	-6.59E-04	-3.30E+00	0.00E+00	0.00E+00	-6.45E-01	0.00E+00	-1.24E-01	0.00E+00	-2.10E-09	-1.04E-08	-5.06E-04	-2.12E-10	-5.21E-01	0.00E+00	-1.24E-01	-1.68E-05	-1.24E-01	-5.08E-01	-5.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WBP2S	-7.52E-03	3.87E-02	1.08E-04	3.86E-02	0.00E+00	0.00E+00	-1.57E+00	-7.89E-04	-2.60E-04	-3.56E-03	0.00E+00	0.00E+00	-9.41E-10	-9.22E-08	9.67E-04	-5.80E-01	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	9.24E-01	0.00E+00	9.41E-09	-9.26E-09	-9.74E-04	0.00E+00	-9.01E-02	0.00E+00	9.24E-01	-3.06E-05	9.24E-01	8.34E-01	-9.01E-02	0.00E+00	0.00E+00	0.00E+00	-4.85E+01
WBQP2S	-1.22E-02	-1.97E-01	-2.49E-03	-1.94E-01	0.00E+00	0.00E+00	-1.97E+00	-7.48E-04	-3.90E-04	-5.00E-03	0.00E+00	0.00E+00	-1.10E-09	-8.81E-08	-3.21E-03	-8.63E+00	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.10E+00	0.00E+00	-6.24E-09	-2.04E-08	-1.43E-03	0.00E+00	-1.32E+00	0.00E+00	-1.10E+00	-3.19E-05	-1.10E+00	-2.41E+00	-1.32E+00	0.00E+00	0.00E+00	0.00E+00	-6.81E+01
WBQP2S-MB	-1.22E-02	-1.97E-01	-2.49E-03	-1.94E-01	0.00E+00	0.00E+00	-1.97E+00	-7.48E-04	-3.90E-04	-5.00E-03	0.00E+00	0.00E+00	-1.10E-09	-8.81E-08	-3.21E-03	-8.63E+00	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.10E+00	0.00E+00	-6.24E-09	-2.04E-08	-1.43E-03	0.00E+00	-1.32E+00	0.00E+00	-1.10E+00	-3.19E-05	-1.10E+00	-2.41E+00	-1.32E+00	0.00E+00	0.00E+00	0.00E+00	-6.81E+01
WBQP2S-MW	-1.22E-02	-1.97E-01	-2.49E-03	-1.94E-01	0.00E+00	0.00E+00	-1.97E+00	-7.48E-04	-3.90E-04	-5.00E-03	0.00E+00	0.00E+00	-1.10E-09	-8.81E-08	-3.21E-03	-8.63E+00	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.10E+00	0.00E+00	-6.24E-09	-2.04E-08	-1.43E-03	0.00E+00	-1.32E+00	0.00E+00	-1.10E+00	-3.19E-05	-1.10E+00	-2.41E+00	-1.32E+00	0.00E+00	0.00E+00	0.00E+00	-6.81E+01
WBSP1S	-5.09E-03	-1.22E-01	-9.86E-04	-1.21E-01	0.00E+00	0.00E+00	-1.10E+00	-4.88E-04	-2.41E-04	-3.12E-03	0.00E+00	0.00E+00	-6.08E-10	-5.73E-08	-1.14E-03	-6.62E+00	0.00E+00	0.00E+00	-9.04E-01	0.00E+00	-4.60E-01	0.00E+00	-2.47E-09	-1.26E-08	-8.71E-04	0.00E+00	-9.84E-01	0.00E+00	-4.60E-01	-2.10E-05	-4.60E-01	-1.44E+00	-9.84E-01	0.00E+00	0.00E+00	0.00E+00	-3.84E+01
WBSP1S-MW	-4.85E-03	-4.44E-03	-5.09E-04	-3.93E-03	0.00E+00	0.00E+00	-1.13E+00	-4.96E-04	-1.92E-04	-2.55E-03	0.00E+00	0.00E+00	-8.19E-10	-5.78E-08	1.22E-03	-4.25E-01	0.00E+00	0.00E+00	-8.59E-01	0.00E+00	2.42E-01	0.00E+00	4.07E-09	-8.12E-09	-7.48E-04	0.00E+00	-7.27E-02	0.00E+00	2.42E-01	-2.10E-05	2.42E-01	1.69E-01	-7.27E-02	0.00E+00	0.00E+00	0.00E+00	-3.75E+01
WBSP2S	-1.21E-02	-1.87E-01	-2.46E-03	-1.84E-01	0.00E+00	0.00E+00	-1.97E+00	-7.48E-04	-3.88E-04	-4.97E-03	0.00E+00	0.00E+00	-1.09E-09	-8.81E-08	-3.14E-03	-7.95E+00	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.08E+00	0.00E+00	-6.09E-09	-2.00E-08	-1.42E-03	0.00E+00	-1.22E+00	0.00E+00	-1.08E+00	-3.19E-05	-1.08E+00	-2.30E+00	-1.22E+00	0.00E+00	0.00E+00	0.00E+00	-6.79E+01
WBSP2S-MB	-1.21E-02	-1.87E-01	-2.46E-03	-1.84E-01	0.00E+00	0.00E+00	-1.97E+00	-7.48E-04	-3.88E-04	-4.97E-03	0.00E+00	0.00E+00	-1.09E-09	-8.81E-08	-3.14E-03	-7.95E+00	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.08E+00	0.00E+00	-6.09E-09	-2.00E-08	-1.42E-03	0.00E+00	-1.22E+00	0.00E+00	-1.08E+00	-3.19E-05	-1.08E+00	-2.30E+00	-1.22E+00	0.00E+00	0.00E+00	0.00E+00	-6.79E+01
WBSP2S-MW	-1.21E-02	-1.87E-01	-2.46E-03	-1.84E-01	0.00E+00	0.00E+00	-1.97E+00	-7.48E-04	-3.88E-04	-4.97E-03	0.00E+00	0.00E+00	-1.09E-09	-8.81E-08	-3.14E-03	-7.95E+00	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.08E+00	0.00E+00	-6.09E-09	-2.00E-08	-1.42E-03	0.00E+00	-1.22E+00	0.00E+00	-1.08E+00	-3.19E-05	-1.08E+00	-2.30E+00	-1.22E+00	0.00E+00	0.00E+00	0.00E+00	-6.79E+01
WBWP115S	3.59E-04	-3.27E-01	7.94E-04	-3.28E-01	0.00E+00	0.00E+00	7.49E-02	-9.69E-06	4.50E-04	-8.71E-04	0.00E+00	0.00E+00	-2.67E-10	4.68E-09	-6.73E-04	-2.20E+01	0.00E+00	0.00E+00	-6.93E-02	0.00E+00	-4.69E-01	0.00E+00	-2.24E-09	-1.23E-08	-2.45E-04	0.00E+00	-3.19E+00	0.00E+00	-4.69E-01	-4.71E-07	-4.69E-01	-3.66E+00	-3.19E+00	0.00E+00	0.00E+00	0.00E+00	-2.91E+00
WBWP1S	-4.93E-04	-2.98E-01	1.17E-03	-2.99E-01	0.00E+00	0.00E+00	8.52E-02	-8.88E-05	3.74E-04	-1.10E-03	0.00E+00	0.00E+00	-1.05E-10	-5.07E-09	1.09E-04	-2.20E+01	0.00E+00	0.00E+00	1.29E-02	0.00E+00	-1.38E-01	0.00E+00	-4.55E-10	-1.16E-08	-2.55E-04	0.00E+00	-3.18E+00	0.00E+00	-1.38E-01	-5.37E-06	-1.38E-01	-3.32E+00	-3.18E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-02
WBWP2S	7.32E-04	2.83E-01	6.93E-03	2.76E-01	0.00E+00	0.00E+00	7.50E-01	-1.76E-04	9.46E-04	2.14E-03	0.00E+00	0.00E+00	-3.74E-10	-9.76E-09	1.58E-02	4.26E-01	0.00E+00	0.00E+00	1.09E+00	0.00E+00	4.63E+00	0.00E+00	3.92E-08	1.38E-08	6.72E-04	0.00E+00	2.41E-01	0.00E+00	4.63E+00	-8.91E-06	4.63E+00	4.87E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	3.76E+01
WBWP2SH	8.03E-04	-3.37E-01	1.88E-03	-3.39E-01	0.00E+00	0.00E+00	2.35E-01	-1.35E-05	7.99E-04	-8.63E-04	0.00E+00	0.00E+00	-3.45E-10	8.45E-09	1.80E-04	-2.27E+01	0.00E+00	0.00E+00	3.48E-02	0.00E+00	-3.63E-01	0.00E+00	-7.33E-10	-1.25E-08	-2.43E-04	0.00E+00	-3.28E+00	0.00E+00	-3.63E-01	-6.85E-07	-3.63E-01	-3.64E+00	-3.28E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-01
WBWP2S-W	-9.36E-03	2.39E-01	4.10E-03	2.35E-01	0.00E+00	0.00E+00	-1.53E+00	-1.11E-03	-7.26E-05	-2.91E-03	0.00E+00	0.00E+00	-1.23E-09	-1.27E-07	1.40E-02	-3.86E-01	0.00E+00	0.00E+00	-6.07E-01	0.00E+00	4.12E+00	0.00E+00	3.50E-08	-1.82E-09	-7.31E-04	0.00E+00	5.87E-02	0.00E+00	4.12E+00	-3.77E-05	4.12E+00	4.18E+00	5.87E-02	0.00E+00	0.00E+00	0.00E+00	-3.55E+01
WE100	-4.45E-03	1.06E-02	-1.56E-04	1.08E-02	0.00E+00	0.00E+00	-1.01E+00	-4.67E-04	-1.64E-04	-2.16E-03	0.00E+00	0.00E+00	-5.57E-10	-5.44E-08	1.22E-03	-3.25E-01	0.00E+00	0.00E+00	-6.92E-01	0.00E+00	3.16E-01	0.00E+00	3.48E-09	-6.07E-09	-6.02E-04	0.00E+00	-5.51E-02	0.00E+00	3.16E-01	-1.37E-05	3.16E-01	2.61E-01	-5.51E-02	0.00E+00	0.00E+00	0.00E+00	-3.09E+01
WE100A	-3.59E-03	1.36E-02	8.93E-05	1.35E-02	0.00E+00	0.00E+00	-8.05E-01	-3.88E-04	-7.69E-05	-1.72E-03	0.00E+00	0.00E+00	-4.85E-10	-4.45E-08	1.41E-03	-3.15E-01	0.00E+00	0.00E+00	-5.60E-01	0.00E+00	3.65E-01	0.00E+00	3.84E-09	-4.70E-09	-4.78E-04	0.00E+00	-4.98E-02	0.00E+00	3.65E-01	-1.09E-05	3.65E-01	3.16E-01	-4.98E-02	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
WE100G	-3.90E-03	-9.47E-02	-9.24E-04	-9.38E-02	0.00E+00	0.00E+00	-9.15E-01	-3.88E-04	-1.33E-04	-2.38E-03	0.00E+00	0.00E+00	-6.18E-10	-4.49E-08	-8.55E-04	-4.72E+00	0.00E+00	0.00E+00	-9.22E-01	0.00E+00	-4.06E-01	0.00E+00	-1.98E-09	-9.87E-09	-6.74E-04	0.00E+00	-7.27E-01	0.00E+00	-4.06E-01	-1.14E-05	-4.06E-01	-1.13E+00	-7.27E-01	0.00E+00	0.00E+00	0.00E+00	-3.97E+01

WE102	-3.13E-03	-8.69E-02	-8.35E-04	-8.61E-02	0.00E+00	0.00E+00	-7.86E-01	-3.07E-04	-1.50E-04	-1.92E-03	0.00E+00	0.00E+00	-4.16E-10	-3.59E-08	-1.05E-03	-4.48E+00	0.00E+00	0.00E+00	-6.47E-01	0.00E+00	-3.79E-01	0.00E+00	-2.26E-09	-8.17E-09	-5.43E-04	0.00E+00	-6.79E-01	0.00E+00	-3.79E-01	-8.87E-06	-3.79E-01	-1.06E+00	-6.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.74E+01
WE102A	-3.13E-03	-8.69E-02	-8.35E-04	-8.61E-02	0.00E+00	0.00E+00	-7.86E-01	-3.07E-04	-1.50E-04	-1.92E-03	0.00E+00	0.00E+00	-4.16E-10	-3.59E-08	-1.05E-03	-4.48E+00	0.00E+00	0.00E+00	-6.47E-01	0.00E+00	-3.79E-01	0.00E+00	-2.26E-09	-8.17E-09	-5.43E-04	0.00E+00	-6.79E-01	0.00E+00	-3.79E-01	-8.87E-06	-3.79E-01	-1.06E+00	-6.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.74E+01
WE102G	2.12E-04	-6.02E-02	6.67E-04	-6.09E-02	0.00E+00	0.00E+00	1.04E-01	-2.72E-06	1.85E-04	-1.28E-04	0.00E+00	0.00E+00	-2.67E-11	1.87E-09	2.37E-04	-4.37E+00	0.00E+00	0.00E+00	1.20E-01	0.00E+00	-1.10E-02	0.00E+00	9.50E-11	-2.15E-09	-3.59E-05	0.00E+00	-6.21E-01	0.00E+00	-1.10E-02	-1.01E-07	-1.10E-02	-6.32E-01	-6.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E+00
WE104	-2.82E-03	-1.07E-02	-4.22E-05	-8.84E-03	0.00E+00	0.00E+00	-7.07E-01	-3.33E-04	-1.44E-05	-1.89E-03	0.00E+00	0.00E+00	-3.04E-10	-3.83E-08	-1.23E-04	-2.22E+00	0.00E+00	0.00E+00	-5.69E-01	0.00E+00	4.86E-02	0.00E+00	1.23E-09	-7.51E-09	-4.04E-04	-2.12E-10	-3.78E-01	0.00E+00	4.86E-02	-8.84E-06	4.86E-02	-2.24E-01	-3.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
WE106	6.70E-04	5.40E-02	1.76E-03	5.22E-02	0.00E+00	0.00E+00	2.98E-01	8.17E-07	3.52E-04	5.98E-04	0.00E+00	0.00E+00	3.89E-11	3.67E-09	2.89E-03	6.95E-02	0.00E+00	0.00E+00	3.30E-01	0.00E+00	8.50E-01	0.00E+00	6.77E-09	3.47E-09	2.01E-04	0.00E+00	4.96E-02	0.00E+00	8.50E-01	3.23E-07	8.50E-01	8.99E-01	4.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+01
WE106A	-4.75E-03	-9.65E-02	-1.09E-03	-9.54E-02	0.00E+00	0.00E+00	-1.16E+00	-4.68E-04	-2.20E-04	-2.81E-03	0.00E+00	0.00E+00	-5.89E-10	-5.48E-08	-1.30E-03	-4.64E+00	0.00E+00	0.00E+00	-9.15E-01	0.00E+00	-4.76E-01	0.00E+00	-2.77E-09	-1.10E-08	-7.94E-04	0.00E+00	-7.09E-01	0.00E+00	-4.76E-01	-1.41E-05	-4.76E-01	-1.19E+00	-7.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.89E+01
WE106G	-4.47E-03	5.29E-03	-3.03E-05	5.32E-03	0.00E+00	0.00E+00	-9.96E-01	-4.70E-04	-1.68E-04	-2.21E-03	0.00E+00	0.00E+00	-5.99E-10	-5.46E-08	1.32E-03	-3.93E-01	0.00E+00	0.00E+00	-6.54E-01	0.00E+00	2.93E-01	0.00E+00	3.50E-09	-6.52E-09	-6.34E-04	0.00E+00	-5.98E-02	0.00E+00	2.93E-01	-1.38E-05	2.93E-01	2.33E-01	-5.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
WE122	-1.48E-02	-1.30E-01	-2.37E-03	-1.27E-01	0.00E+00	0.00E+00	-2.35E+00	-9.38E-04	-4.37E-04	-5.58E-03	0.00E+00	0.00E+00	-1.23E-09	-1.10E-07	-2.62E-03	-4.20E+00	0.00E+00	0.00E+00	-1.87E+00	0.00E+00	-9.55E-01	0.00E+00	-5.26E-09	-2.01E-08	-1.59E-03	0.00E+00	-6.83E-01	0.00E+00	-9.55E-01	-3.20E-05	-9.55E-01	-1.64E+00	-6.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.94E+01
WE122A	-1.48E-02	-1.26E-01	-2.36E-03	-1.23E-01	0.00E+00	0.00E+00	-2.35E+00	-9.38E-04	-4.36E-04	-5.57E-03	0.00E+00	0.00E+00	-1.23E-09	-1.10E-07	-2.59E-03	-3.94E+00	0.00E+00	0.00E+00	-1.87E+00	0.00E+00	-9.48E-01	0.00E+00	-5.20E-09	-1.99E-08	-1.59E-03	0.00E+00	-6.44E-01	0.00E+00	-9.48E-01	-3.20E-05	-9.48E-01	-1.59E+00	-6.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.93E+01
WE123	-2.22E-02	-1.95E-01	-3.56E-03	-1.91E-01	0.00E+00	0.00E+00	-3.53E+00	-1.41E-03	-6.56E-04	-8.38E-03	0.00E+00	0.00E+00	-1.84E-09	-1.66E-07	-3.93E-03	-6.31E+00	0.00E+00	0.00E+00	-2.81E+00	0.00E+00	-1.43E+00	0.00E+00	-7.90E-09	-3.01E-08	-2.39E-03	0.00E+00	-1.03E+00	0.00E+00	-1.43E+00	-4.80E-05	-1.43E+00	-2.46E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
WE123A	-2.22E-02	-1.89E-01	-3.55E-03	-1.85E-01	0.00E+00	0.00E+00	-3.53E+00	-1.41E-03	-6.55E-04	-8.37E-03	0.00E+00	0.00E+00	-1.84E-09	-1.66E-07	-3.90E-03	-5.91E+00	0.00E+00	0.00E+00	-2.80E+00	0.00E+00	-1.42E+00	0.00E+00	-7.81E-09	-2.99E-08	-2.38E-03	0.00E+00	-9.68E-01	0.00E+00	-1.42E+00	-4.80E-05	-1.42E+00	-2.39E+00	-9.68E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
WFCC50NBSB	-5.95E-03	-3.57E-02	-5.12E-04	3.80E-03	0.00E+00	0.00E+00	-8.73E-01	-4.63E-04	-1.02E-04	-2.65E-03	0.00E+00	-4.39E-08	-4.59E-10	-4.78E-08	8.26E-05	-3.02E+00	0.00E+00	0.00E+00	-8.05E-01	-1.57E-05	1.24E-01	0.00E+00	-3.11E-09	-1.48E-08	-6.44E-04	-2.12E-10	-3.72E-01	0.00E+00	1.24E-01	-2.06E-05	1.24E-01	-1.72E-01	-3.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.14E+01
WFCC50NBSW	-7.81E-03	-2.92E-01	-5.16E-04	-1.07E-01	0.00E+00	0.00E+00	-9.61E-01	-4.99E-04	3.18E-05	-3.31E-03	0.00E+00	-4.39E-08	-8.52E-10	-4.78E-08	1.36E-04	-3.07E+00	0.00E+00	0.00E+00	-9.16E-01	-1.57E-05	4.62E-01	0.00E+00	-8.80E-09	-1.72E-08	-1.14E-03	-2.12E-10	-4.61E-01	0.00E+00	4.62E-01	-1.97E-05	4.62E-01	-5.91E-01	-4.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.60E+01
WFS51BSB	-3.84E-03	-4.52E-02	-1.00E-03	-2.98E-02	0.00E+00	0.00E+00	-6.65E-01	-2.37E-04	-9.93E-05	-2.03E-03	0.00E+00	-4.39E-08	-3.27E-10	-2.43E-08	-8.88E-04	-1.59E+00	0.00E+00	0.00E+00	-7.28E-01	-1.57E-05	-1.97E-01	0.00E+00	-2.24E-09	-1.02E-08	-5.40E-04	-2.12E-10	-3.03E-01	0.00E+00	-1.97E-01	-1.52E-05	-1.97E-01	-4.06E-01	-3.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.31E+01
WFS51BSW	-3.84E-03	-5.00E-02	-1.10E-03	-3.25E-02	0.00E+00	0.00E+00	-6.68E-01	-2.37E-04	-1.01E-04	-2.05E-03	0.00E+00	-4.39E-08	-3.21E-10	-2.38E-08	-8.43E-04	-1.62E+00	0.00E+00	0.00E+00	-7.28E-01	-1.57E-05	-2.24E-01	0.00E+00	-2.24E-09	-1.01E-08	-5.34E-04	-2.12E-10	-3.05E-01	0.00E+00	-2.24E-01	-1.52E-05	-2.24E-01	-4.06E-01	-3.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.30E+01
WFSS81BSB	-2.72E-03	-4.99E-02	-1.34E-03	-3.37E-02	0.00E+00	0.00E+00	-6.18E-01	-2.37E-04	-1.16E-04	-2.06E-03	0.00E+00	-4.39E-08	-2.98E-10	-2.36E-08	-1.08E-03	-1.89E+00	0.00E+00	0.00E+00	-9.54E-01	-1.57E-05	-7.23E-01	0.00E+00	7.87E-10	-1.28E-08	-4.62E-04	-2.12E-10	-3.58E-01	0.00E+00	-7.23E-01	-1.51E-05	-7.23E-01	-9.49E-01	-3.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.59E+01
WFSS81BSW	-3.49E-03	-1.59E-01	-1.92E-03	-1.19E-01	0.00E+00	0.00E+00	-9.06E-01	-3.68E-04	-2.11E-04	-2.66E-03	0.00E+00	-4.39E-08	-7.30E-10	-4.07E-08	-1.70E-03	-2.15E+00	0.00E+00	0.00E+00	-1.11E+00	-1.57E-05	-1.37E+00	0.00E+00	-4.18E-09	-1.91E-08	-7.37E-04	-2.12E-10	-4.30E-01	0.00E+00	-1.37E+00	-1.57E-05	-1.37E+00	-1.83E+00	-4.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.88E+01
WFSS81PSW	-2.58E-03	-5.00E-02	-1.36E-03	-3.37E-02	0.00E+00	0.00E+00	-6.13E-01	-2.32E-04	-1.14E-04	-2.05E-03	0.00E+00	-4.39E-08	-3.02E-10	-2.38E-08	-1.08E-03	-1.51E+00	0.00E+00	0.00E+00	-9.41E-01	-1.57E-05	-7.30E-01	0.00E+00	7.41E-10	-1.27E-08	-4.46E-04	-2.12E-10	-3.61E-01	0.00E+00	-7.30E-01	-1.51E-05	-7.30E-01	-9.45E-01	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.54E+01
WFSS82BSB	-9.89E-03	-2.98E-01	-3.51E-03	-1.60E-01	0.00E+00	0.00E+00	-1.83E+00	-5.63E-04	-3.54E-04	-5.46E-03	0.00E+00	-4.39E-08	-9.05E-10	-7.06E-08	-3.13E-03	-4.18E+00	0.00E+00	0.00E+00	-1.43E+00	-1.57E-05	-1.98E+00	0.00E+00	-1.07E-08	-2.66E-08	-2.08E-03	-2.12E-10	-6.54E-01	0.00E+00	-1.98E+00	-2.41E-05	-1.98E+00	-2.31E+00	-6.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
WFSS82BSW	-9.84E-03	-2.11E-01	-3.42E-03	-1.45E-01	0.00E+00	0.00E+00	-1.79E+00	-5.63E-04	-3.53E-04	-5.38E-03	0.00E+00	-4.39E-08	-8.79E-10	-7.11E-08	-3.23E-03	-4.05E+00	0.00E+00	0.00E+00	-1.43E+00	-1.57E-05	-1.98E+00	0.00E+00	-9.08E-09	-2.60E-08	-2.07E-03	-2.12E-10	-6.35E-01	0.00E+00	-1.98E+00	-2.40E-05	-1.98E+00	-2.31E+00	-6.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
WFSS82PSB	-7.09E-03	-4.72E-02	-2.93E-03	-5.56E-02	0.00E+00	0.00E+00	-1.35E+00	-3.62E-04	-2.22E-04	-4.74E-03	0.00E+00	-4.39E-08	-4.37E-10	-4.96E-08	-2.22E-03	-4.17E+00	0.00E+00	0.00E+00	-1.24E+00	-1.57E-05	-1.52E+00	0.00E+00	-1.44E-09	-2.03E-08	-1.39E-03	-2.12E-10	-5.72E-01	0.00E+00	-1.52E+00	-2.16E-05	-1.52E+00	-1.55E+00	-5.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.59E+01
WFSS82PSW	-9.92E-03	-1.99E-01	-3.38E-03	-1.38E-01	0.00E+00	0.00E+00	-1.80E+00	-5.63E-04	-3.54E-04	-5.32E-03	0.00E+00	-4.39E-08	-8.49E-10	-7.16E-08	-3.24E-03	-3.98E+00	0.00E+00	0.00E+00	-1.43E+00	-1.57E-05	-1.97E+00	0.00E+00	-9.08E-09	-2.52E-08	-2.07E-03	-2.12E-10	-6.05E-01	0.00E+00	-1.97E+00	-2.42E-05	-1.97E+00	-2.31E+00	-6.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
WGCS113S	-1.09E-03	-1.34E-03	5.48E-05	-4.80E-03	0.00E+00	0.00E+00	-2.86E-01	-7.67E-05	1.77E-05	-3.36E-04	0.00E+00	0.00E+00	-5.22E-11	-8.06E-09	1.07E-04	-5.93E-01	0.00E+00	0.00E+00	-1.50E-01	0.00E+00	-7.74E-03	0.00E+00	2.05E-10	-1.63E-09	-1.04E-04	-2.12E-10	-6.51E-02	0.00E+00	-7.74E-03	-6.97E-06	-7.74E-03	-1.50E-01	-6.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.46E+00
WGCS115S	-2.31E-03	-1.23E-02	-2.25E-04	-4.99E-03	0.00E+00	0.00E+00	-2.73E-01	-1.09E-04	-4.05E-05	-5.08E-04	0.00E+00	0.00E+00	-1.26E-10	-1.25E-08	-3.40E-04	-1.58E+00	0.00E+00	0.00E+00	-2.13E-01	0.00E+00	-1.18E-02	0.00E+00	-1.52E-09	-4.12E-09	-2.28E-04	-2.12E-10	-2.46E-01	0.00E+00	-1.18E-02	-3.61E-06	-1.18E-02	-1.18E-01	-2.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.31E+01
WGCS116EA	-9.04E-04	2.79E-03	-1.14E-06	-4.32E-03	0.00E+00	0.00E+00	-2.85E-01	-5.76E-05	1.11E-05	-4.27E-04	0.00E+00	0.00E+00	-6.53E-11	-7.78E-09	-3.71E-06	-6.77E-01	0.00E+00	0.00E+00	-1.81E-01	0.00E+00	-3.83E-03	0.00E+00	2.71E-10	-1.91E-09	-1.22E-04	-2.12E-10	-7.46E-02	0.00E+00	-3.83E-03	-2.90E-06	-3.83E-03	-1.20E-01	-7.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.01E+00
WGCS116S	-2.03E-03	-1.14E-02	-2.37E-04	-1.66E-02	0.00E+00	0.00E+00	-3.32E-01	-1.82E-04	4.67E-06	-8.59E-04	0.00E+00	0.00E+00	-1.66E-10	-1.77E-08	-4.63E-04	-1.63E+00	0.00E+00	0.00E+00	-3.23E-01	0.00E+00	-1.14E-01	0.00E+00	2.27E-10	-3.29E-09	-1.85E-04	-2.12E-10	-1.97E-01	0.00E+00	-1.14E-01	-1.05E-05	-1.14E-01	-2.62E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
WGCS216EA	-1.10E-03	4.55E-03	-7.73E-05	-1.79E-03	0.00E+00	0.00E+00	-3.00E-01	-9.86E-05	-1.76E-05	-6.95E-04	0.00E+00	0.00E+00	-8.20E-11	-1.30E-08	8.21E-06	-7.60E-01	0.00E+00	0.00E+00	-2.01E-01	0.00E+00	-2.13E-02	0.00E+00	3.05E-10	-3.00E-09	-1.71E-04	-2.12E-10	-1.45E-01	0.00E+00	-2.13E-02	-4.14E-06	-2.13E-02	-1.40E-01	-1.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
WGCS216UI	-1.72E-03	-2.01E-02	-4.57E-04	-1.52E-02	0.00E+00	0.00E+00	-3.04E-01	-1.26E-04	-2.64E-05	-1.43E-03	0.00E+00	0.00E+00	-2.15E-10	-1.81E-08	4.16E-05	-9.87E-01	0.00E+00	0.00E+00	-3.99E-01	0.00E+00	-3.58E-01	0.00E+00	-2.95E-11	-5.98E-09	-2.84E-04	-2.12E-10	-2.04E-01	0.00E+00	-3.58E-01	-6.29E-06	-3.58E-01	-4.71E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
WGCXS113SKB	-1.10E-03	-2.95E-03	4.28E-05	-8.46E-03	0.00E+00	0.00E+00	-2.78E-01	-7.08E-05	1.14E-05	-4.16E-04	0.00E+00	0.00E+00	-6.84E-11	-8.90E-09	2.94E-04	-7.13E-01	0.00E+00	0.00E+00	-1.48E-01	0.00E+00	-2.63E-02	0.00E+00	3.09E-10	-1.67E-09	-1.20E-04	-2.12E-10	-9.44E-02	0.00E+00	-2.63E-02	-7.28E-06	-2.63E-02	-1.54E-01	-9.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.01E+00
WGCXS115SNB	-2.16E-03	-1.28E-02	-1.74E-04	-5.08E-03	0.00E+00	0.00E+00	-2.63E-01	-6.67E-05	3.42E-07	-2.25E-04	0.00E+00	0.00E+00	-1.01E-10	-8.83E-09	-4.20E-04	-1.41E+00	0.00E+00	0.00E+00	-1.27E-01	0.00E+00	-3.91E-02	0.00E+00	-1.52E-09	-3.11E-09	-1.37E-04	-2.12E-10	-1.82E-01	0.00E+00	-3.91E-02	-2.17E-06	-3.91E-02	-1.11E-01	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.06E+00
WGCXS116EAKB	-8.69E-04	1.19E-03	-8.63E-06	-7.46E-03	0.00E+00	0.00E+00	-2.81E-01	-5.04E-05	1.33E-05	-4.68E-04	0.00E+00	0.00E+00	-7.57E-11	-8.54E-09	9.69E-05	-6.41E-01	0.00E+00	0.00E+00	-1.62E-01	0.00E+00	-1.54E-02	0.00E+00	3.12E-10	-1.87E-09	-1.29E-04	-2.12E-10	-1.02E-01	0.00E+00	-1.54E-02	-3.28E-06	-1.54E-02	-1.11E-01	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.15E+00
WGCXS116EANB	-9.39E-04	1.19E-03	-1.83E-05	-7.46E-03	0.00E+00	0.00E+00	-2.85E-01	-5.22E-05	1.08E-05	-4.84E-04	0.00E+00	0.00E+00	-8.05E-11	-8.61E-09	4.75E-05	-7.04E-01	0.00E+00	0.00E+00	-1.60E-01	0.00E+00	-1.54E-02	0.00E+00	2.73E-10	-1.85E-09	-1.27E-04	-2.12E-10	-1.25E-01	0.00E+00	-1.54E-02	-3.43E-06	-1.54E-02	-1.11E-01	-1.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.25E+00
WGCXS116ISKB	-1.91E-03	5.32E-04	-3.43E-04	-8.12E-03	0.00E+00	0.00E+00	-2.85E-01	-8.80E-05	-1.47E-05	-9.17E-04	0.00E+00	0.00E+00	-1.87E-10	-1.24E-08	-1.77E-04	-7.31E-01	0.00E+00	0.00E+00	-2.79E-01	0.00E+00	-3.15E-01	0.00E+00	5.87E-10	-4.79E-09	-2.58E-04	-2.12E-10	-2.44E-01	0.00E+00	-3.15E-01	-5.40E-06	-3.15E-01	-4.30E-01	-2.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.87E+01
WGCXS116ISNB	-1.91E-03	6.52E-04	-3.39E-04	-8.12E-03	0.00E+00	0.00E+00	-2.96E-01	-9.56E-05	-1.44E-05	-9.10E-04	0.00E+00	0.00E+00	-1.85E-10	-1.24E-08	-1.74E-04	-7.31E-01	0.00E+00	0.00E+00	-2.79E-01	0.00E+00	-3.15E-01	0.00E+00	5.87E-10	-4.76E-09	-2.58E-04	-2.12E-10	-2.44E-01	0.00E+00	-3.15E-01	-5.42E-06	-3.15E-01	-4.30E-01	-2.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.79E+01
WGCXS116SKB	-1.93E-03	-1.15E-02	-2.15E-04	-1.42E-02	0.00E+00	0.00E+00	-3.03E-01	-9.47E-05	1.39E-05	-7.16E-04	0.00E+00	0.00E+00	-1.17E-10	-1.35E-08	-4.93E-04	-1.58E+00	0.00E+00	0.00E+00	-2.56E-01	0.00E+00	-5.09E-02	0.00E+00	3.01E-10	-3.16E-09	-1.87E-04	-2.12E-10	-2.22E-01	0.00E+00	-5.09E-02	-1.02E-05	-5.09E-02	-2.24E-01	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.08E+01
WGCXS116SNB	-3.73E-03	-9.88E-02	-4.82E-04	-4.25E-02	0.00E+00	0.00E+00	-3.90E-01	-3.03E-04	-6.42E-05	-1.73E-03	0.00E+00	0.00E+00	-5.29E-10	-3.58E-08	5.45E-04	-2.01E+00	0.00E+00	0.00E+00	-5.03E-01	0.00E+00	-4.33E-01	0.00E+00	-3.35E-09	-7.44E-09	-3.92E-04	-2.12E-10	-3.51E-01	0.00E+00	-4.33E-01	-1.39E-05	-4.33E-01	-3.28E-01	-3.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
WGCXS216EAKB	-1.07E-03	4.17E-03	-2.91E-05	-2.21E-03	0.00E+00	0.00E+00	-2.87E-01	-6.23E-05	2.08E-05	-4.38E-04	0.00E+00	0.00E+00	-6.67E-11	-8.41E-09	9.73E-05	-6.47E-01	0.00E+00	0.00E+00	-1.39E-01	0.00E+00	-4.63E-02	0.00E+00	4.11E-10	-2.20E-09	-1.13E-04	-2.12E-10	-1.60E-01	0.00E+00	-4.63E-02	-3.39E-06	-4.63E-02	-1.48E-01	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.35E+00
WGCXS216EANB	-1.07E-03	4.17E-03	-2.91E-05	-2.21E-03	0.00E+00	0.00E+00	-2.87E-01	-6.23E-05	2.08E-05	-4.46E-04	0.00E+00	0.00E+00	-6.67E-11	-8.41E-09	9.63E-05	-6.47E-01	0.00E+00	0.00E+00	-1.38E-01	0.00E+00	-5.93E-02	0.00E+00	4.11E-10	-2.20E-09	-1.15E-04	-2.12E-10	-1.60E-01	0.00E+00	-5.93E-02	-3.46E-06	-5.93E-02	-1.52E-01	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.29E+00
WGDS110USIG	-1.19E-03	9.66E-04	-6.36E-06	4.48E-03	0.00E+00	0.00E+00	-2.98E-01	-1.25E-04	1.48E-05	-5.40E-04	0.00E+00	0.00E+00	-1.47E-10	-1.24E-08	2.19E-04	-7.54E-01	0.00E+00	0.00E+00	-2.40E-01	0.00E+00	-6.78E-02	0.00E+00	2.71E-10	-2.03E-09	-1.51E-04	-2.12E-10	-1.02E-01	0.00E+00	-6.78E-02	-3.42E-06	-6.78E-02	-3.23E-02	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.20E+00
WGDS110USKB	-1.19E-03	9.66E-04	-6.36E-06	4.48E-03	0.00E+00	0.00E+00	-2.98E-01	-1.25E-04	1.48E-05	-5.40E-04	0.00E+00	0.00E+00	-1.47E-10	-1.24E-08	2.19E-04	-7.54E-01	0.00E+00	0.00E+00	-2.40E-01	0.00E+00	-6.78E-02	0.00E+00	2.71E-10	-2.03E-09	-1.51E-04	-2.12E-10	-1.02E-01	0.00E+00	-6.78E-02	-3.42E-06	-6.78E-02	-3.23E-02	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.20E+00
WGDS113S	-8.89E-04	2.53E-03	4.00E-05	-3.92E-03	0.00E+00	0.00E+00	-2.62E-01	-4.28E-05	1.36E-05	-1.93E-04	0.00E+00	0.00E+00	-3.88E-11	-8.62E-09	2.29E-05	-5.28E-01	0.00E+00	0.00E+00	-6.56E-02	0.00E+00	-1.74E-02	0.00E+00	6.03E-10	-1.25E-09	-8.00E-05	-2.12E-10	-7.55E-02	0.00E+00	-1.74E-02	-1.50E-06	-1.74E-02	-1.27E-01	-7.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.76E+00
WGDS113SIG	-9.45E-04	4.67E-04	3.80E-05	-1.09E-02	0.00E+00	0.00E+00	-2.64E-01	-9.30E-05	1.22E-05	-1.74E-04	0.00E+00	0.00E+00	-9.91E-11	-1.02E-08	1.06E-04	-6.51E-01	0.00E+00	0.00E+00	-7.47E-02	0.00E+00	-1.15E-01	0.00E+00	5.68E-10	-1.06E-09	-7.68E-05	-2.12E-10	-7.87E-02	0.00E+00	-1.15E-01	-1.80E-06	-1.15E-01	-2.26E-01	-7.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.28E+00
WGDS113SNB	-9.73E-04	-7.72E-04	3.80E-05	-7.98E-03	0.00E+00	0.00E+00	-2.61E-01	-9.36E-05	7.39E-06	-2.01E-04	0.00E+00	0.00E+00	-1.06E-10	-1.12E-08	1.24E-04	-6.43E-01	0.00E+00	0.00E+00	-8.53E-02	0.00E+00	-1.15E-01	0.00E+00	6.30E-10	-1.08E-09	-8.26E-05	-2.12E-10	-8.85E-02	0.00E+00	-1.15E-01	-2.06E-06	-1.15E-01	-2.26E-01	-8.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.50E+00
WGDS115S	-2.55E-03	-1.90E-02	-2.91E-04	-8.34E-04	0.00E+00	0.00E+00	-3.29E-01	-1.75E-04	-4.73E-05	-8.85E-04	0.00E+00	0.00E+00	-2.57E-10	-1.83E-08	-3.40E-04	-1.55E+00	0.00E+00	0.00E+00	-4.31E-01	0.00E+00	-1.26E-01	0.00E+00	-1.82E-09	-5.57E-09	-2.77E-04	-2.12E-10	-2.28E-01	0.00E+00	-1.26E-01	-5.43E-06	-1.26E-01	-2.18E-02	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.78E+01
WGDS115SEG	-2.55E-03	-1.82E-02	-2.57E-04	-1.34E-03	0.00E+00	0.00E+00	-3.34E-01	-1.75E-04	-4.38E-05	-8.69E-04	0.00E+00	0.00E+00	-2.57E-10	-1.83E-08	-3.12E-04	-1.57E+00	0.00E+00	0.00E+00	-4.29E-01	0.00E+00	-1.33E-01	0.00E+00	-1.82E-09	-5.43E-09	-2.77E-04	-2.12E-10	-2.27E-01	0.00E+00	-1.33E-01	-5.53E-06	-1.33E-01	-1.16E-02	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
WGDS115SIG	-2.55E-03	-1.82E-02	-2.57E-04	-1.34E-03	0.00E+00	0.00E+00	-3.34E-01	-1.75E-04	-4.38E-05	-8.69E-04	0.00E+00	0.00E+00	-2.57E-10	-1.83E-08	-3.12E-04	-1.57E+00	0.00E+00	0.00E+00	-4.29E-01	0.00E+00	-1.33E-01	0.00E+00	-1.82E-09	-5.43E-09	-2.77E-04	-2.12E-10	-2.27E-01	0.00E+00	-1.33E-01	-5.53E-06	-1.33E-01	-1.16E-02	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
WGDS115SKB	-2.55E-03	-1.82E-02	-2.57E-04	-1.34E-03	0.00E+00	0.00E+00	-3.34E-01	-1.75E-04	-4.38E-05	-8.69E-04	0.00E+00	0.00E+00	-2.57E-10	-1.83E-08	-3.12E-04	-1.57E+00	0.00E+00	0.00E+00	-4.29E-01	0.00E+00	-1.33E-01	0.00E+00	-1.82E-09	-5.43E-09	-2.77E-04	-2.12E-10	-2.27E-01	0.00E+00	-1.33E-01	-5.53E-06	-1.33E-01	-1.16E-02	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
WGDS116EA	-1.07E-03	-1.13E-02	-5.37E-05	-6.44E-03	0.00E+00	0.00E+00	-3.08E-01	-1.26E-04	-4.70E-06	-9.49E-04	0.00E+00	0.00E+00	-1.55E-10	-1.43E-08	1.46E-04	-7.32E-01	0.00E+00	0.00E+00	-3.39E-01	0.00E+00	-9.58E-02	0.00E+00	1.61E-10	-2.82E-09	-1.72E-04	-2.12E-10	-1.18E-01	0.00E+00	-9.58E-02	-3.73E-06	-9.58E-02	-1.49E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
WGDS116EAEG	-1.07E-03	-1.13E-02	-5.37E-05	-6.44E-03	0.00E+00	0.00E+00	-3.08E-01	-1.26E-04	-4.70E-06	-9.53E-04	0.00E+00	0.00E+00	-1.55E-10	-1.43E-08	1.53E-04	-7.34E-01	0.00E+00	0.00E+00	-3.39E-01	0.00E+00	-9.24E-02	0.00E+00	1.61E-10	-2.82E-09	-1.73E-04	-2.12E-10	-1.18E-01	0.00E+00	-9.24E-02	-3.73E-06	-9.24E-02	-1.39E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
WGDS116EAIG	-1.07E-03	-1.21E-02	-6.13E-05	-7.09E-03	0.00E+00	0.00E+00	-3.08E-01	-1.30E-04	-6.08E-06	-9.62E-04	0.00E+00	0.00E+00	-1.58E-10	-1.45E-08	1.58E-04	-7.34E-01	0.00E+00	0.00E+00	-3.51E-01	0.00E+00	-9.24E-02	0.00E+00	1.61E-10	-2.96E-09	-1.78E-04	-2.12E-10	-1.18E-01	0.00E+00	-9.24E-02	-3.80E-06	-9.24E-02	-1.39E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
WGDS116EAKB	-1.07E-03	-1.21E-02	-5.90E-05	-7.09E-03	0.00E+00	0.00E+00	-3.08E-01	-1.28E-04	-6.08E-06	-9.31E-04	0.00E+00	0.00E+00	-1.55E-10	-1.43E-08	1.75E-04	-7.34E-01	0.00E+00	0.00E+00	-3.59E-01	0.00E+00	-9.24E-02	0.00E+00	1.84E-10	-2.92E-09	-1.79E-04	-2.12E-10	-1.18E-01	0.00E+00	-9.24E-02	-3.80E-06	-9.24E-02	-1.39E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
WGDS116EANB	-1.05E-03	-1.18E-02	-4.91E-05	-6.05E-03	0.00E+00	0.00E+00	-3.07E-01	-1.22E-04	-5.84E-06	-9.24E-04	0.00E+00	0.00E+00	-1.55E-10	-1.42E-08	2.18E-04	-7.22E-01	0.00E+00	0.00E+00	-3.39E-01	0.00E+00	-9.24E-02	0.00E+00	2.01E-10	-2.79E-09	-1.60E-04	-2.12E-10	-1.17E-01	0.00E+00	-9.24E-02	-3.80E-06	-9.24E-02	-1.47E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.22E+01
WGDS116S	-2.06E-03	-1.33E-02	-2.82E-04	-1.62E-02	0.00E+00	0.00E+00	-3.50E-01	-1.81E-04	-1.58E-05	-1.38E-03	0.00E+00	0.00E+00	-1.77E-10	-1.99E-08	-4.87E-04	-1.76E+00	0.00E+00	0.00E+00	-4.23E-01	0.00E+00	-1.34E-01	0.00E+00	6.42E-11	-3.81E-09	-1.82E-04	-2.12E-10	-2.41E-01	0.00E+00	-1.34E-01	-1.13E-05	-1.34E-01	-2.80E-01	-2.41E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
WGDS116SEG	-2.05E-03	-8.39E-03	-2.65E-04	-2.32E-03	0.00E+00	0.00E+00	-3.76E-01	-2.24E-04	-1.29E-05	-1.53E-03	0.00E+00	0.00E+00	-1.93E-10	-2.05E-08	-1.40E-04	-1.40E+00	0.00E+00	0.00E+00	-4.61E-01	0.00E+00	-6.96E-02	0.00E+00	1.67E-10	-4.57E-09	-2.68E-04	-2.12E-10	-2.06E-01	0.00E+00	-6.96E-02	-1.15E-05	-6.96E-02	-1.49E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
WGDS116SIG	-2.09E-03	-8.25E-03	-2.65E-04	-1.43E-03	0.00E+00	0.00E+00	-3.76E-01	-2.35E-04	-9.53E-06	-1.53E-03	0.00E+00	0.00E+00	-1.99E-10	-2.06E-08	-2.16E-04	-1.37E+00	0.00E+00	0.00E+00	-4.70E-01	0.00E+00	-7.85E-02	0.00E+00	1.67E-10	-4.78E-09	-2.68E-04	-2.12E-10	-2.05E-01	0.00E+00	-7.85E-02	-1.16E-05	-7.85E-02	-1.49E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.21E+01
WGDS116SKB	-2.05E-03	-8.39E-03	-2.65E-04	-2.32E-03	0.00E+00	0.00E+00	-3.76E-01	-2.24E-04	-1.29E-05	-1.53E-03	0.00E+00	0.00E+00	-1.93E-10	-2.05E-08	-1.40E-04	-1.40E+00	0.00E+00	0.00E+00	-4.61E-01	0.00E+00	-6.96E-02	0.00E+00	1.67E-10	-4.57E-09	-2.68E-04	-2.12E-10	-2.06E-01	0.00E+00	-6.96E-02	-1.15E-05	-6.96E-02	-1.49E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
WGDS116SNB	-2.03E-03	-8.42E-03	-2.65E-04	-2.32E-03	0.00E+00	0.00E+00	-3.76E-01	-2.30E-04	-1.43E-05	-1.53E-03	0.00E+00	0.00E+00	-1.93E-10	-2.06E-08	-1.40E-04	-1.37E+00	0.00E+00	0.00E+00	-4.61E-01	0.00E+00	-6.96E-02	0.00E+00	1.67E-10	-4.78E-09	-2.68E-04	-2.12E-10	-2.04E-01	0.00E+00	-6.96E-02	-1.15E-05	-6.96E-02	-1.49E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.21E+01
WGDS216IS	-3.42E-03	-4.29E-02	-8.54E-04	-6.61E-02	0.00E+00	0.00E+00	-4.15E-01	-2.45E-04	-7.08E-05	-1.17E-03	0.00E+00	0.00E+00	-4.74E-10	-2.81E-08	-1.75E-03	-1.14E+00	0.00E+00	0.00E+00	-5.43E-01	0.00E+00	-7.75E-01	0.00E+00	-2.02E-09	-7.97E-09	-4.11E-04	-2.12E-10	-1.46E-01	0.00E+00	-7.75E-01	-7.26E-06	-7.75E-01	-7.97E-01	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
WGDS216ISEG	-3.45E-03	-4.09E-02	-8.14E-04	-6.61E-02	0.00E+00	0.00E+00	-4.19E-01	-2.45E-04	-7.08E-05	-1.13E-03	0.00E+00	0.00E+00	-4.65E-10	-2.81E-08	-1.73E-03	-1.14E+00	0.00E+00	0.00E+00	-5.42E-01	0.00E+00	-7.64E-01	0.00E+00	-2.02E-09	-8.01E-09	-4.11E-04	-2.12E-10	-1.46E-01	0.00E+00	-7.64E-01	-7.26E-06	-7.64E-01	-7.96E-01	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.07E+01
WGDS216ISIG	-3.45E-03	-4.09E-02	-8.14E-04	-6.61E-02	0.00E+00	0.00E+00	-4.19E-01	-2.45E-04	-7.08E-05	-1.13E-03	0.00E+00	0.00E+00	-4.65E-10	-2.81E-08	-1.73E-03	-1.14E+00	0.00E+00	0.00E+00	-5.42E-01	0.00E+00	-7.64E-01	0.00E+00	-2.02E-09	-8.01E-09	-4.11E-04	-2.12E-10	-1.46E-01	0.00E+00	-7.64E-01	-7.26E-06	-7.64E-01	-7.96E-01	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.07E+01
WGDS216ISKB	-3.45E-03	-4.09E-02	-8.14E-04	-6.61E-02	0.00E+00	0.00E+00	-4.19E-01	-2.45E-04	-7.08E-05	-1.13E-03	0.00E+00	0.00E+00	-4.65E-10	-2.81E-08	-1.73E-03	-1.14E+00	0.00E+00	0.00E+00	-5.42E-01	0.00E+00	-7.64E-01	0.00E+00	-2.02E-09	-8.01E-09	-4.11E-04	-2.12E-10	-1.46E-01	0.00E+00	-7.64E-01	-7.26E-06	-7.64E-01	-7.96E-01	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.07E+01
WGDS216ISNB	-3.45E-03	-4.09E-02	-8.14E-04	-6.61E-02	0.00E+00	0.00E+00	-3.89E-01	-2.37E-04	-7.08E-05	-1.11E-03	0.00E+00	0.00E+00	-4.60E-10	-2.76E-08	-1.71E-03	-1.12E+00	0.00E+00	0.00E+00	-5.42E-01	0.00E+00	-7.25E-01	0.00E+00	-1.50E-09	-7.68E-09	-4.19E-04	-2.12E-10	-1.44E-01	0.00E+00	-7.25E-01	-7.18E-06	-7.25E-01	-7.62E-01	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.95E+01
WGMS110US	-1.10E-03	-4.45E-04	-2.08E-05	5.12E-03	0.00E+00	0.00E+00	-3.23E-01	-1.15E-04	1.36E-05	-4.73E-04	0.00E+00	0.00E+00	-1.39E-10	-1.09E-08	2.73E-04	-7.06E-01	0.00E+00	0.00E+00	-2.32E-01	0.00E+00	-6.90E-02	0.00E+00	1.48E-10	-1.93E-09	-1.44E-04	-2.12E-10	-1.01E-01	0.00E+00	-6.90E-02	-3.47E-06	-6.90E-02	-4.25E-02	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.80E+00
WGMS113S	-1.08E-03	-2.62E-03	4.81E-05	-6.48E-03	0.00E+00	0.00E+00	-2.71E-01	-6.45E-05	1.51E-05	-3.61E-04	0.00E+00	0.00E+00	-5.68E-11	-8.77E-09	1.85E-04	-5.92E-01	0.00E+00	0.00E+00	-1.43E-01	0.00E+00	-7.74E-03	0.00E+00	1.87E-10	-1.60E-09	-1.04E-04	-2.12E-10	-6.48E-02	0.00E+00	-7.74E-03	-6.85E-06	-7.74E-03	-1.50E-01	-6.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.26E+00
WGMS113SAS	-1.10E-03	-3.12E-03	2.87E-05	-6.48E-03	0.00E+00	0.00E+00	-3.09E-01	-6.45E-05	6.29E-06	-3.84E-04	0.00E+00	0.00E+00	-5.85E-11	-9.06E-09	2.52E-05	-6.44E-01	0.00E+00	0.00E+00	-1.58E-01	0.00E+00	-7.59E-04	0.00E+00	1.92E-10	-1.88E-09	-1.27E-04	-2.12E-10	-7.02E-02	0.00E+00	-7.59E-04	-6.99E-06	-7.59E-04	-1.44E-01	-7.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.09E+00
WGMS113SKB	-1.10E-03	-3.12E-03	2.87E-05	-6.48E-03	0.00E+00	0.00E+00	-3.09E-01	-6.45E-05	6.29E-06	-3.84E-04	0.00E+00	0.00E+00	-5.85E-11	-9.06E-09	2.52E-05	-6.44E-01	0.00E+00	0.00E+00	-1.60E-01	0.00E+00	-7.59E-04	0.00E+00	1.92E-10	-1.88E-09	-1.27E-04	-2.12E-10	-7.02E-02	0.00E+00	-7.59E-04	-6.99E-06	-7.59E-04	-1.44E-01	-7.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.09E+00
WGMS115S	-2.54E-03	-1.38E-02	-3.06E-04	5.70E-04	0.00E+00	0.00E+00	-3.05E-01	-1.76E-04	-4.76E-05	-7.49E-04	0.00E+00	0.00E+00	-2.24E-10	-1.60E-08	-3.20E-04	-1.57E+00	0.00E+00	0.00E+00	-3.36E-01	0.00E+00	-9.26E-02	0.00E+00	-1.53E-09	-4.82E-09	-3.17E-04	-2.12E-10	-2.33E-01	0.00E+00	-9.26E-02	-4.51E-06	-9.26E-02	-6.74E-02	-2.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
WGMS115SKB	-2.54E-03	-1.38E-02	-2.99E-04	5.70E-04	0.00E+00	0.00E+00	-3.05E-01	-1.76E-04	-4.76E-05	-7.38E-04	0.00E+00	0.00E+00	-2.24E-10	-1.60E-08	-3.13E-04	-1.57E+00	0.00E+00	0.00E+00	-3.38E-01	0.00E+00	-8.92E-02	0.00E+00	-1.53E-09	-4.82E-09	-3.17E-04	-2.12E-10	-2.33E-01	0.00E+00	-8.92E-02	-4.56E-06	-8.92E-02	-5.72E-02	-2.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
WGMS116EA	-9.23E-04	-8.56E-04	-4.61E-06	-9.17E-04	0.00E+00	0.00E+00	-2.89E-01	-5.03E-05	5.26E-06	-4.97E-04	0.00E+00	0.00E+00	-8.01E-11	-9.28E-09	1.62E-04	-7.04E-01	0.00E+00	0.00E+00	-2.11E-01	0.00E+00	3.37E-02	0.00E+00	1.81E-10	-2.12E-09	-1.48E-04	-2.12E-10	-1.07E-01	0.00E+00	3.37E-02	-2.99E-06	3.37E-02	-6.53E-02	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.09E+00
WGMS116EAAS	-9.32E-04	-8.56E-04	-1.85E-08	-1.52E-03	0.00E+00	0.00E+00	-2.92E-01	-5.80E-05	1.01E-05	-5.16E-04	0.00E+00	0.00E+00	-7.32E-11	-9.09E-09	1.40E-04	-7.36E-01	0.00E+00	0.00E+00	-2.22E-01	0.00E+00	2.71E-02	0.00E+00	2.58E-10	-2.22E-09	-1.48E-04	-2.12E-10	-1.10E-01	0.00E+00	2.71E-02	-3.17E-06	2.71E-02	-5.93E-02	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.55E+00
WGMS116EAKB	-8.66E-04	-1.30E-03	-8.58E-06	-3.34E-04	0.00E+00	0.00E+00	-2.83E-01	-5.43E-05	1.30E-05	-4.80E-04	0.00E+00	0.00E+00	-7.23E-11	-8.94E-09	1.42E-04	-7.83E-01	0.00E+00	0.00E+00	-1.78E-01	0.00E+00	2.63E-02	0.00E+00	3.13E-10	-2.05E-09	-1.36E-04	-2.12E-10	-1.03E-01	0.00E+00	2.63E-02	-3.05E-06	2.63E-02	-5.52E-02	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.16E+00
WGMS116ISAS	-1.92E-03	-5.54E-04	-3.11E-04	-1.18E-03	0.00E+00	0.00E+00	-3.04E-01	-9.87E-05	-1.91E-05	-1.05E-03	0.00E+00	0.00E+00	-1.88E-10	-1.35E-08	-1.44E-04	-8.81E-01	0.00E+00	0.00E+00	-3.66E-01	0.00E+00	-2.59E-01	0.00E+00	4.74E-10	-5.33E-09	-3.01E-04	-2.12E-10	-2.04E-01	0.00E+00	-2.59E-01	-6.33E-06	-2.59E-01	-3.44E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.87E+01
WGMS116ISKB	-1.91E-03	-5.54E-04	-3.11E-04	-1.18E-03	0.00E+00	0.00E+00	-3.04E-01	-9.87E-05	-1.91E-05	-1.05E-03	0.00E+00	0.00E+00	-1.72E-10	-1.35E-08	-1.40E-04	-8.81E-01	0.00E+00	0.00E+00	-3.66E-01	0.00E+00	-2.55E-01	0.00E+00	4.74E-10	-5.33E-09	-2.99E-04	-2.12E-10	-2.04E-01	0.00E+00	-2.55E-01	-6.33E-06	-2.55E-01	-3.44E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.87E+01
WGMS116S	-1.98E-03	-1.23E-02	-2.61E-04	-1.28E-02	0.00E+00	0.00E+00	-3.38E-01	-1.47E-04	1.02E-05	-7.64E-04	0.00E+00	0.00E+00	-1.34E-10	-1.67E-08	-4.92E-04	-1.75E+00	0.00E+00	0.00E+00	-3.32E-01	0.00E+00	-8.89E-02	0.00E+00	2.66E-10	-3.48E-09	-1.79E-04	-2.12E-10	-2.12E-01	0.00E+00	-8.89E-02	-1.04E-05	-8.89E-02	-2.45E-01	-2.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
WGMS116SKB	-1.97E-03	-1.19E-02	-2.61E-04	-1.28E-02	0.00E+00	0.00E+00	-3.30E-01	-1.41E-04	9.58E-06	-7.64E-04	0.00E+00	0.00E+00	-1.34E-10	-1.62E-08	-4.87E-04	-1.70E+00	0.00E+00	0.00E+00	-3.32E-01	0.00E+00	-8.89E-02	0.00E+00	2.66E-10	-3.44E-09	-1.79E-04	-2.12E-10	-2.12E-01	0.00E+00	-8.89E-02	-1.02E-05	-8.89E-02	-2.45E-01	-2.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
WGMS213S	-9.12E-04	-5.24E-03	-1.89E-04	4.61E-04	0.00E+00	0.00E+00	-2.10E-01	-8.43E-05	-1.02E-05	-4.51E-04	0.00E+00	0.00E+00	-4.03E-11	-1.22E-08	-1.11E-04	-5.31E-01	0.00E+00	0.00E+00	-1.77E-01	0.00E+00	-3.69E-02	0.00E+00	3.03E-10	-1.43E-09	-1.06E-04	-2.12E-10	-8.37E-02	0.00E+00	-3.69E-02	-3.37E-06	-3.69E-02	-9.38E-02	-8.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.90E+00
WGMS216EA	-1.11E-03	2.41E-03	7.14E-06	3.30E-03	0.00E+00	0.00E+00	-3.21E-01	-1.05E-04	-6.13E-06	-7.93E-04	0.00E+00	0.00E+00	-7.54E-11	-1.35E-08	6.83E-05	-7.67E-01	0.00E+00	0.00E+00	-2.47E-01	0.00E+00	3.13E-02	0.00E+00	2.35E-10	-3.11E-09	-1.77E-04	-2.12E-10	-1.36E-01	0.00E+00	3.13E-02	-3.72E-06	3.13E-02	-7.87E-02	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.48E+01
WGMS216EAAS	-1.12E-03	2.41E-03	4.29E-07	3.30E-03	0.00E+00	0.00E+00	-3.24E-01	-1.05E-04	-4.30E-06	-8.03E-04	0.00E+00	0.00E+00	-7.56E-11	-1.33E-08	7.50E-05	-7.68E-01	0.00E+00	0.00E+00	-2.52E-01	0.00E+00	2.76E-02	0.00E+00	3.16E-10	-3.14E-09	-1.76E-04	-2.12E-10	-1.38E-01	0.00E+00	2.76E-02	-3.88E-06	2.76E-02	-7.26E-02	-1.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WGMS216EAKB	-1.12E-03	2.59E-03	4.29E-07	3.30E-03	0.00E+00	0.00E+00	-3.24E-01	-1.05E-04	-5.19E-06	-8.03E-04	0.00E+00	0.00E+00	-7.56E-11	-1.33E-08	8.37E-05	-7.68E-01	0.00E+00	0.00E+00	-2.64E-01	0.00E+00	2.76E-02	0.00E+00	1.94E-10	-3.15E-09	-1.76E-04	-2.12E-10	-1.37E-01	0.00E+00	2.76E-02	-3.88E-06	2.76E-02	-7.26E-02	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WGMS216IS	-2.45E-03	-2.59E-02	-5.31E-04	-4.39E-02	0.00E+00	0.00E+00	-3.49E-01	-1.34E-04	-3.15E-06	-1.23E-03	0.00E+00	0.00E+00	-2.09E-10	-1.63E-08	-2.81E-03	-1.23E+00	0.00E+00	0.00E+00	-4.95E-01	0.00E+00	-4.83E-01	0.00E+00	2.99E-10	-6.20E-09	-2.87E-04	-2.12E-10	-1.65E-01	0.00E+00	-4.83E-01	-6.53E-06	-4.83E-01	-7.43E-01	-1.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.74E+01
WGMS216ISKB	-2.44E-03	-2.51E-02	-5.12E-04	-4.38E-02	0.00E+00	0.00E+00	-3.51E-01	-1.37E-04	-4.47E-06	-1.21E-03	0.00E+00	0.00E+00	-2.08E-10	-1.58E-08	-2.77E-03	-1.21E+00	0.00E+00	0.00E+00	-4.97E-01	0.00E+00	-4.83E-01	0.00E+00	3.49E-10	-6.20E-09	-2.87E-04	-2.12E-10	-1.65E-01	0.00E+00	-4.83E-01	-6.57E-06	-4.83E-01	-6.90E-01	-1.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.74E+01
WGMS216UI	-1.67E-03	-1.63E-02	-4.19E-04	-9.08E-03	0.00E+00	0.00E+00	-3.17E-01	-1.18E-04	-2.58E-05	-1.21E-03	0.00E+00	0.00E+00	-1.99E-10	-1.67E-08	8.89E-06	-9.26E-01	0.00E+00	0.00E+00	-4.21E-01	0.00E+00	-3.30E-01	0.00E+00	-2.36E-10	-6.13E-09	-3.32E-04	-2.12E-10	-1.93E-01	0.00E+00	-3.30E-01	-6.34E-06	-3.30E-01	-4.14E-01	-1.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.26E+01
WH105853E	3.24E-04	3.27E-02	8.50E-04	3.18E-02	0.00E+00	0.00E+00	1.37E-01	2.33E-07	2.05E-04	2.97E-04	0.00E+00	0.00E+00	2.63E-11	2.10E-09	9.01E-04	-2.46E-02	0.00E+00	0.00E+00	1.29E-01	0.00E+00	2.22E-01	0.00E+00	1.90E-09	1.05E-09	8.61E-05	0.00E+00	1.16E-02	0.00E+00	2.22E-01	3.37E-08	2.22E-01	2.34E-01	1.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E+00
WH105853F	2.51E-04	4.20E-02	1.21E-03	4.08E-02	0.00E+00	0.00E+00	2.27E-01	-9.95E-06	2.02E-04	3.24E-04	0.00E+00	0.00E+00	3.24E-11	1.04E-09	1.52E-03	6.73E-02	0.00E+00	0.00E+00	1.87E-01	0.00E+00	3.50E-01	0.00E+00	2.87E-09	1.33E-09	9.30E-05	0.00E+00	3.46E-02	0.00E+00	3.50E-01	-3.07E-07	3.50E-01	3.85E-01	3.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E+00
WH105854E	-2.83E-03	-4.09E-02	-1.08E-04	-3.05E-02	0.00E+00	0.00E+00	-5.62E-01	-2.12E-04	-2.38E-05	-1.16E-03	0.00E+00	0.00E+00	-5.94E-10	-2.79E-08	-5.64E-04	-9.01E-01	0.00E+00	0.00E+00	-5.89E-01	0.00E+00	-4.41E-01	0.00E+00	-1.89E-09	-7.60E-09	-5.99E-04	-2.12E-10	-1.46E-01	0.00E+00	-4.41E-01	-9.66E-06	-4.41E-01	-5.36E-01	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.59E+01

WH105952E	-2.87E-03	-4.38E-02	-1.39E-04	-3.20E-02	0.00E+00	0.00E+00	-5.82E-01	-2.21E-04	-2.83E-05	-1.17E-03	0.00E+00	0.00E+00	-6.10E-10	-2.85E-08	-5.84E-04	-9.01E-01	0.00E+00	0.00E+00	-6.13E-01	0.00E+00	-4.66E-01	0.00E+00	-1.84E-09	-7.98E-09	-5.95E-04	-2.12E-10	-1.53E-01	0.00E+00	-4.66E-01	-1.02E-05	-4.66E-01	-5.69E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
WH105952F	-3.07E-03	-4.71E-02	-5.69E-05	-3.03E-02	0.00E+00	0.00E+00	-4.82E-01	-2.11E-04	-1.48E-05	-9.14E-04	0.00E+00	0.00E+00	-5.16E-10	-2.09E-08	-4.43E-04	-8.23E-01	0.00E+00	0.00E+00	-4.67E-01	0.00E+00	-4.49E-01	0.00E+00	-1.83E-09	-6.54E-09	-3.43E-04	-2.12E-10	-1.31E-01	0.00E+00	-4.49E-01	-8.04E-06	-4.49E-01	-5.74E-01	-1.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
WH105962E	-2.83E-03	4.18E-03	4.06E-04	1.14E-02	0.00E+00	0.00E+00	-5.21E-01	-1.62E-04	4.28E-05	-1.17E-03	0.00E+00	0.00E+00	-3.34E-10	-2.08E-08	7.98E-04	-7.42E-01	0.00E+00	0.00E+00	-4.42E-01	0.00E+00	-2.25E-02	0.00E+00	1.30E-09	-4.19E-09	-3.14E-04	-2.12E-10	-8.83E-02	0.00E+00	-2.25E-02	-7.18E-06	-2.25E-02	-1.42E-01	-8.83E-02	0.00E+00	0.00E+00	0.00E+00	-2.36E+01
WH106007E	7.91E-04	-2.86E-02	2.10E-03	-3.07E-02	0.00E+00	0.00E+00	4.02E-01	5.64E-07	5.68E-04	1.60E-04	0.00E+00	0.00E+00	5.44E-11	6.26E-09	1.65E-03	-3.82E+00	0.00E+00	0.00E+00	3.40E-01	0.00E+00	3.57E-01	0.00E+00	2.76E-09	6.83E-12	8.51E-05	0.00E+00	-5.16E-01	0.00E+00	3.57E-01	4.09E-08	3.57E-01	-1.58E-01	-5.16E-01	0.00E+00	0.00E+00	0.00E+00	1.27E+01
WH106253E	-2.69E-03	3.75E-03	5.73E-04	1.21E-02	0.00E+00	0.00E+00	-4.46E-01	-1.72E-04	8.40E-05	-5.24E-04	0.00E+00	0.00E+00	-2.27E-10	-1.80E-08	6.46E-04	-6.39E-01	0.00E+00	0.00E+00	-2.05E-01	0.00E+00	-2.13E-02	0.00E+00	1.01E-09	-2.71E-09	-2.26E-04	-2.12E-10	-6.74E-02	0.00E+00	-2.13E-02	-6.02E-06	-2.13E-02	-1.68E-01	-6.74E-02	0.00E+00	0.00E+00	0.00E+00	-7.05E+00
WH106257F	-2.83E-03	3.56E-03	4.68E-04	1.03E-02	0.00E+00	0.00E+00	-4.70E-01	-2.05E-04	4.45E-06	-8.12E-04	0.00E+00	0.00E+00	-3.15E-10	-1.95E-08	4.33E-04	-7.07E-01	0.00E+00	0.00E+00	-3.56E-01	0.00E+00	-3.19E-02	0.00E+00	9.19E-10	-3.59E-09	-2.92E-04	-2.12E-10	-8.52E-02	0.00E+00	-3.19E-02	-7.43E-06	-3.19E-02	-1.75E-01	-8.52E-02	0.00E+00	0.00E+00	0.00E+00	-1.05E+01
WH106453E	7.52E-04	1.55E-02	1.90E-03	1.36E-02	0.00E+00	0.00E+00	2.91E-01	-1.10E-05	6.21E-04	1.52E-04	0.00E+00	0.00E+00	1.58E-11	5.37E-09	1.34E-03	-1.15E-01	0.00E+00	0.00E+00	2.68E-01	0.00E+00	3.00E-01	0.00E+00	2.49E-09	1.26E-09	7.52E-05	0.00E+00	1.46E-02	0.00E+00	3.00E-01	-4.30E-07	3.00E-01	3.15E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	9.99E+00
WH106453F	-9.59E-03	-3.45E-02	-1.83E-03	-3.27E-02	0.00E+00	0.00E+00	-2.38E+00	-9.65E-04	-3.96E-04	-5.16E-03	0.00E+00	0.00E+00	-1.37E-09	-1.12E-07	-1.65E-03	-9.18E-01	0.00E+00	0.00E+00	-1.93E+00	0.00E+00	-8.29E-01	0.00E+00	-3.36E-09	-1.88E-08	-1.54E-03	0.00E+00	-2.06E-01	0.00E+00	-8.29E-01	-2.80E-05	-8.29E-01	-1.04E+00	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-8.30E+01
WH106457E	9.32E-04	8.02E-02	2.45E-03	7.77E-02	0.00E+00	0.00E+00	3.49E-01	-1.11E-05	7.02E-04	6.56E-04	0.00E+00	0.00E+00	2.57E-11	5.90E-09	2.18E-03	1.64E-01	0.00E+00	0.00E+00	3.27E-01	0.00E+00	5.06E-01	0.00E+00	4.53E-09	2.38E-09	1.93E-04	0.00E+00	6.36E-02	0.00E+00	5.06E-01	-4.05E-07	5.06E-01	5.69E-01	6.36E-02	0.00E+00	0.00E+00	0.00E+00	1.19E+01
WH106457F	-3.67E-03	3.20E-03	3.79E-04	7.94E-03	0.00E+00	0.00E+00	-7.93E-01	-3.41E-04	5.71E-05	-1.57E-03	0.00E+00	0.00E+00	-4.99E-10	-4.77E-08	4.05E-04	-7.04E-01	0.00E+00	0.00E+00	-6.12E-01	0.00E+00	-4.20E-02	0.00E+00	9.60E-10	-7.00E-09	-4.61E-04	-2.12E-10	-1.03E-01	0.00E+00	-4.20E-02	-1.42E-05	-4.20E-02	-1.51E-01	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
WH11580100C	-3.08E-03	1.02E-03	2.21E-04	3.38E-03	0.00E+00	0.00E+00	-5.46E-01	-2.49E-04	-3.20E-06	-1.48E-03	0.00E+00	0.00E+00	-4.73E-10	-2.81E-08	4.89E-04	-3.93E-01	0.00E+00	0.00E+00	-7.43E-01	0.00E+00	-4.03E-02	0.00E+00	8.95E-10	-6.25E-09	-5.21E-04	-2.12E-10	-6.37E-02	0.00E+00	-4.03E-02	-9.32E-06	-4.03E-02	-1.78E-01	-6.37E-02	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
WH11580300A	-1.40E-04	2.49E-02	3.98E-04	2.45E-02	0.00E+00	0.00E+00	4.72E-02	-2.16E-05	1.69E-05	1.06E-04	0.00E+00	0.00E+00	-8.96E-12	-2.25E-09	6.55E-04	-8.10E-02	0.00E+00	0.00E+00	3.05E-02	0.00E+00	1.36E-01	0.00E+00	1.23E-09	1.80E-10	2.06E-05	0.00E+00	-3.58E-03	0.00E+00	1.36E-01	-5.99E-07	1.36E-01	1.33E-01	-3.58E-03	0.00E+00	0.00E+00	0.00E+00	7.19E-01
WH11580300B	-1.76E-03	9.94E-03	3.97E-04	1.42E-02	0.00E+00	0.00E+00	-2.80E-01	-1.27E-04	6.44E-05	-5.27E-04	0.00E+00	0.00E+00	-2.38E-10	-1.45E-08	6.82E-04	-4.35E-01	0.00E+00	0.00E+00	-1.08E-01	0.00E+00	-2.09E-02	0.00E+00	9.28E-10	-1.81E-09	-1.47E-04	-2.12E-10	-6.04E-02	0.00E+00	-2.09E-02	-5.55E-06	-2.09E-02	-1.42E-01	-6.04E-02	0.00E+00	0.00E+00	0.00E+00	-4.41E+00
WH11580300C	3.57E-04	3.83E-02	1.26E-03	3.70E-02	0.00E+00	0.00E+00	2.65E-01	4.78E-07	2.11E-04	3.61E-04	0.00E+00	0.00E+00	4.72E-11	2.37E-09	1.52E-03	-1.14E-01	0.00E+00	0.00E+00	2.11E-01	0.00E+00	3.42E-01	0.00E+00	2.78E-09	1.38E-09	1.04E-04	0.00E+00	9.45E-03	0.00E+00	3.42E-01	5.74E-08	3.42E-01	3.52E-01	9.45E-03	0.00E+00	0.00E+00	0.00E+00	7.62E+00
WH11580305A	-1.51E-03	9.94E-03	4.17E-04	1.58E-02	0.00E+00	0.00E+00	-2.77E-01	-1.22E-04	6.52E-05	-4.52E-04	0.00E+00	0.00E+00	-1.92E-10	-1.43E-08	7.06E-04	-4.30E-01	0.00E+00	0.00E+00	-6.93E-02	0.00E+00	-2.09E-02	0.00E+00	1.02E-09	-1.51E-09	-1.14E-04	-2.12E-10	-5.71E-02	0.00E+00	-2.09E-02	-4.90E-06	-2.09E-02	-1.42E-01	-5.71E-02	0.00E+00	0.00E+00	0.00E+00	-4.08E+00
WH11580305B	-1.76E-03	9.94E-03	3.97E-04	1.42E-02	0.00E+00	0.00E+00	-2.80E-01	-1.27E-04	6.44E-05	-5.27E-04	0.00E+00	0.00E+00	-2.38E-10	-1.45E-08	6.82E-04	-4.35E-01	0.00E+00	0.00E+00	-1.08E-01	0.00E+00	-2.09E-02	0.00E+00	9.28E-10	-1.81E-09	-1.47E-04	-2.12E-10	-6.04E-02	0.00E+00	-2.09E-02	-5.55E-06	-2.09E-02	-1.42E-01	-6.04E-02	0.00E+00	0.00E+00	0.00E+00	-4.41E+00
WH11580305C	-1.93E-03	7.94E-03	2.58E-04	8.99E-03	0.00E+00	0.00E+00	-3.42E-01	-1.65E-04	4.97E-05	-8.59E-04	0.00E+00	0.00E+00	-2.72E-10	-1.64E-08	2.58E-04	-3.62E-01	0.00E+00	0.00E+00	-1.72E-01	0.00E+00	-2.44E-02	0.00E+00	7.16E-10	-2.33E-09	-2.47E-04	-2.12E-10	-5.56E-02	0.00E+00	-2.44E-02	-5.95E-06	-2.44E-02	-1.45E-01	-5.56E-02	0.00E+00	0.00E+00	0.00E+00	-7.26E+00
WH11580306C	-1.93E-03	7.94E-03	2.58E-04	8.99E-03	0.00E+00	0.00E+00	-3.42E-01	-1.65E-04	4.97E-05	-8.59E-04	0.00E+00	0.00E+00	-2.72E-10	-1.64E-08	2.58E-04	-3.62E-01	0.00E+00	0.00E+00	-1.72E-01	0.00E+00	-2.44E-02	0.00E+00	7.16E-10	-2.33E-09	-2.47E-04	-2.12E-10	-5.56E-02	0.00E+00	-2.44E-02	-5.95E-06	-2.44E-02	-1.45E-01	-5.56E-02	0.00E+00	0.00E+00	0.00E+00	-7.26E+00
WH11585300A	-2.13E-03	9.86E-03	3.99E-04	1.45E-02	0.00E+00	0.00E+00	-3.39E-01	-1.21E-04	8.90E-05	-6.05E-04	0.00E+00	0.00E+00	-2.25E-10	-1.48E-08	6.34E-04	-4.57E-01	0.00E+00	0.00E+00	-1.42E-01	0.00E+00	-1.60E-02	0.00E+00	1.02E-09	-2.14E-09	-1.17E-04	-2.12E-10	-5.96E-02	0.00E+00	-1.60E-02	-5.32E-06	-1.60E-02	-1.35E-01	-5.96E-02	0.00E+00	0.00E+00	0.00E+00	-6.48E+00
WH11585300B	-2.25E-03	9.68E-03	3.80E-04	1.34E-02	0.00E+00	0.00E+00	-3.62E-01	-1.41E-04	7.23E-05	-6.62E-04	0.00E+00	0.00E+00	-2.56E-10	-1.53E-08	6.82E-04	-4.35E-01	0.00E+00	0.00E+00	-1.39E-01	0.00E+00	-2.09E-02	0.00E+00	9.20E-10	-2.18E-09	-1.25E-04	-2.12E-10	-5.97E-02	0.00E+00	-2.09E-02	-5.69E-06	-2.09E-02	-1.42E-01	-5.97E-02	0.00E+00	0.00E+00	0.00E+00	-5.60E+00
WH11585300C	-2.92E-03	-2.50E-02	-7.01E-04	-2.43E-02	0.00E+00	0.00E+00	-7.53E-01	-2.90E-04	-1.30E-04	-1.66E-03	0.00E+00	0.00E+00	-5.44E-10	-3.38E-08	-6.89E-04	-5.43E-01	0.00E+00	0.00E+00	-6.70E-01	0.00E+00	-3.98E-01	0.00E+00	-1.61E-09	-6.92E-09	-5.25E-04	0.00E+00	-1.08E-01	0.00E+00	-3.98E-01	-8.62E-06	-3.98E-01	-5.05E-01	-1.08E-01	0.00E+00	0.00E+00	0.00E+00	-2.86E+01
WH11585305A	-2.13E-03	9.86E-03	3.99E-04	1.45E-02	0.00E+00	0.00E+00	-3.39E-01	-1.21E-04	8.90E-05	-6.05E-04	0.00E+00	0.00E+00	-2.25E-10	-1.48E-08	6.34E-04	-4.57E-01	0.00E+00	0.00E+00	-1.42E-01	0.00E+00	-1.60E-02	0.00E+00	1.02E-09	-2.14E-09	-1.17E-04	-2.12E-10	-5.96E-02	0.00E+00	-1.60E-02	-5.32E-06	-1.60E-02	-1.35E-01	-5.96E-02	0.00E+00	0.00E+00	0.00E+00	-6.48E+00
WH11585305B	-2.25E-03	9.68E-03	3.80E-04	1.34E-02	0.00E+00	0.00E+00	-3.62E-01	-1.41E-04	7.23E-05	-6.62E-04	0.00E+00	0.00E+00	-2.56E-10	-1.53E-08	6.82E-04	-4.35E-01	0.00E+00	0.00E+00	-1.39E-01	0.00E+00	-2.09E-02	0.00E+00	9.20E-10	-2.18E-09	-1.25E-04	-2.12E-10	-5.97E-02	0.00E+00	-2.09E-02	-5.69E-06	-2.09E-02	-1.42E-01	-5.97E-02	0.00E+00	0.00E+00	0.00E+00	-5.60E+00
WH11585305C	-2.35E-03	7.68E-03	2.39E-04	8.24E-03	0.00E+00	0.00E+00	-4.14E-01	-1.74E-04	6.10E-05	-9.55E-04	0.00E+00	0.00E+00	-2.88E-10	-1.70E-08	2.00E-04	-3.68E-01	0.00E+00	0.00E+00	-2.03E-01	0.00E+00	-2.44E-02	0.00E+00	6.98E-10	-2.68E-09	-2.32E-04	-2.12E-10	-5.43E-02	0.00E+00	-2.44E-02	-6.19E-06	-2.44E-02	-1.45E-01	-5.43E-02	0.00E+00	0.00E+00	0.00E+00	-8.80E+00
WH11585306A	-2.13E-03	9.86E-03	3.99E-04	1.45E-02	0.00E+00	0.00E+00	-3.39E-01	-1.21E-04	8.90E-05	-6.05E-04	0.00E+00	0.00E+00	-2.25E-10	-1.48E-08	6.34E-04	-4.57E-01	0.00E+00	0.00E+00	-1.42E-01	0.00E+00	-1.60E-02	0.00E+00	1.02E-09	-2.14E-09	-1.17E-04	-2.12E-10	-5.96E-02	0.00E+00	-1.60E-02	-5.32E-06	-1.60E-02	-1.35E-01	-5.96E-02	0.00E+00	0.00E+00	0.00E+00	-6.48E+00
WH11585400A	-2.46E-03	-4.18E-02	8.47E-07	-2.99E-02	0.00E+00	0.00E+00	-4.07E-01	-1.61E-04	5.27E-05	-8.60E-04	0.00E+00	0.00E+00	-4.72E-10	-1.90E-08	-3.87E-04	-5.13E-01	0.00E+00	0.00E+00	-2.92E-01	0.00E+00	-4.29E-01	0.00E+00	-2.04E-09	-5.56E-09	-2.31E-04	-2.12E-10	-9.03E-02	0.00E+00	-4.29E-01	-7.12E-06	-4.29E-01	-5.20E-01	-9.03E-02	0.00E+00	0.00E+00	0.00E+00	-1.30E+01
WH11585400C	-2.61E-03	-4.44E-02	-9.93E-06	-3.46E-02	0.00E+00	0.00E+00	-4.59E-01	-1.89E-04	4.68E-05	-1.12E-03	0.00E+00	0.00E+00	-5.14E-10	-2.00E-08	-4.97E-04	-3.68E-01	0.00E+00	0.00E+00	-3.45E-01	0.00E+00	-4.49E-01	0.00E+00	-2.27E-09	-5.86E-09	-2.69E-04	-2.12E-10	-7.92E-02	0.00E+00	-4.49E-01	-7.36E-06	-4.49E-01	-5.10E-01	-7.92E-02	0.00E+00	0.00E+00	0.00E+00	-1.46E+01
WH11592200A	-1.75E-03	-4.48E-02	4.44E-05	-3.38E-02	0.00E+00	0.00E+00	-3.40E-01	-1.62E-04	4.77E-05	-7.05E-04	0.00E+00	0.00E+00	-4.25E-10	-1.89E-08	-4.41E-04	-5.58E-01	0.00E+00	0.00E+00	-2.62E-01	0.00E+00	-4.62E-01	0.00E+00	-1.88E-09	-5.29E-09	-2.23E-04	-2.12E-10	-9.88E-02	0.00E+00	-4.62E-01	-7.00E-06	-4.62E-01	-5.53E-01	-9.88E-02	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
WH11592200B	-1.94E-03	-4.47E-02	4.64E-05	-3.38E-02	0.00E+00	0.00E+00	-3.43E-01	-1.66E-04	4.90E-05	-7.62E-04	0.00E+00	0.00E+00	-4.42E-10	-1.87E-08	-3.60E-04	-5.58E-01	0.00E+00	0.00E+00	-2.86E-01	0.00E+00	-4.62E-01	0.00E+00	-1.88E-09	-5.46E-09	-2.41E-04	-2.12E-10	-9.67E-02	0.00E+00	-4.62E-01	-7.21E-06	-4.62E-01	-5.53E-01	-9.67E-02	0.00E+00	0.00E+00	0.00E+00	-1.16E+01
WH11592200C	-1.98E-03	-4.61E-02	4.29E-05	-3.56E-02	0.00E+00	0.00E+00	-3.99E-01	-1.85E-04	4.40E-05	-1.05E-03	0.00E+00	0.00E+00	-4.56E-10	-1.96E-08	-5.07E-04	-3.60E-01	0.00E+00	0.00E+00	-3.32E-01	0.00E+00	-4.75E-01	0.00E+00	-2.08E-09	-5.67E-09	-2.71E-04	-2.12E-10	-8.55E-02	0.00E+00	-4.75E-01	-7.17E-06	-4.75E-01	-5.31E-01	-8.55E-02	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
WH11592205A	-1.75E-03	-4.48E-02	4.44E-05	-3.38E-02	0.00E+00	0.00E+00	-3.40E-01	-1.62E-04	4.77E-05	-7.05E-04	0.00E+00	0.00E+00	-4.25E-10	-1.89E-08	-4.41E-04	-5.58E-01	0.00E+00	0.00E+00	-2.62E-01	0.00E+00	-4.62E-01	0.00E+00	-1.88E-09	-5.29E-09	-2.23E-04	-2.12E-10	-9.88E-02	0.00E+00	-4.62E-01	-7.00E-06	-4.62E-01	-5.53E-01	-9.88E-02	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
WH11592205B	-1.94E-03	-4.47E-02	4.64E-05	-3.38E-02	0.00E+00	0.00E+00	-3.43E-01	-1.66E-04	4.90E-05	-7.62E-04	0.00E+00	0.00E+00	-4.42E-10	-1.87E-08	-3.60E-04	-5.58E-01	0.00E+00	0.00E+00	-2.86E-01	0.00E+00	-4.62E-01	0.00E+00	-1.88E-09	-5.46E-09	-2.41E-04	-2.12E-10	-9.67E-02	0.00E+00	-4.62E-01	-7.21E-06	-4.62E-01	-5.53E-01	-9.67E-02	0.00E+00	0.00E+00	0.00E+00	-1.16E+01
WH11592205C	-1.98E-03	-4.61E-02	4.29E-05	-3.56E-02	0.00E+00	0.00E+00	-3.99E-01	-1.85E-04	4.40E-05	-1.05E-03	0.00E+00	0.00E+00	-4.56E-10	-1.96E-08	-5.07E-04	-3.60E-01	0.00E+00	0.00E+00	-3.32E-01	0.00E+00	-4.75E-01	0.00E+00	-2.08E-09	-5.67E-09	-2.71E-04	-2.12E-10	-8.55E-02	0.00E+00	-4.75E-01	-7.17E-06	-4.75E-01	-5.31E-01	-8.55E-02	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
WH11593200A	-4.78E-03	-8.57E-02	2.26E-04	-5.25E-02	0.00E+00	0.00E+00	-9.71E-01	-6.09E-04	-5.34E-05	-1.78E-03	0.00E+00	0.00E+00	-6.27E-10	-6.75E-08	1.20E-03	-2.56E+00	0.00E+00	0.00E+00	-5.05E-01	0.00E+00	-9.38E-02	0.00E+00	1.05E-09	-1.02E-08	-7.87E-04	-2.12E-10	-3.74E-01	0.00E+00	-9.38E-02	-1.36E-05	-9.38E-02	-7.73E-01	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
WH11593200B	-3.55E-03	-2.13E-01	5.70E-04	-6.73E-02	0.00E+00	0.00E+00	-1.01E+00	-6.03E-04	3.67E-06	-1.91E-03	0.00E+00	0.00E+00	-6.56E-10	-6.17E-08	1.96E-03	-5.38E+00	0.00E+00	0.00E+00	-5.28E-01	0.00E+00	1.47E+00	0.00E+00	2.18E-09	-1.28E-08	-8.44E-04	-2.12E-10	-9.29E-01	0.00E+00	1.47E+00	-1.40E-05	1.47E+00	1.80E-01	-9.29E-01	0.00E+00	0.00E+00	0.00E+00	-2.90E+01
WH11593205C	-4.27E-03	-2.07E-01	6.77E-04	-6.73E-02	0.00E+00	0.00E+00	-9.19E-01	-5.88E-04	4.40E-06	-1.92E-03	0.00E+00	0.00E+00	-6.45E-10	-6.07E-08	2.28E-03	-4.74E+00	0.00E+00	0.00E+00	-5.27E-01	0.00E+00	1.48E+00	0.00E+00	1.83E-09	-1.14E-08	-7.94E-04	-2.12E-10	-8.05E-01	0.00E+00	1.48E+00	-1.34E-05	1.48E+00	1.80E-01	-8.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH11593206C	-4.27E-03	-2.07E-01	6.77E-04	-6.73E-02	0.00E+00	0.00E+00	-9.19E-01	-5.88E-04	4.40E-06	-1.92E-03	0.00E+00	0.00E+00	-6.45E-10	-6.07E-08	2.28E-03	-4.74E+00	0.00E+00	0.00E+00	-5.27E-01	0.00E+00	1.48E+00	0.00E+00	1.83E-09	-1.14E-08	-7.94E-04	-2.12E-10	-8.05E-01	0.00E+00	1.48E+00	-1.34E-05	1.48E+00	1.80E-01	-8.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH11595200A	-2.53E-03	-4.61E-02	-2.91E-05	-3.42E-02	0.00E+00	0.00E+00	-4.24E-01	-1.76E-04	4.77E-05	-8.66E-04	0.00E+00	0.00E+00	-5.05E-10	-1.92E-08	-4.55E-04	-5.58E-01	0.00E+00	0.00E+00	-3.22E-01	0.00E+00	-4.62E-01	0.00E+00	-1.95E-09	-5.95E-09	-2.35E-04	-2.12E-10	-9.66E-02	0.00E+00	-4.62E-01	-7.77E-06	-4.62E-01	-5.53E-01	-9.66E-02	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
WH11595200B	-2.56E-03	-4.59E-02	-2.95E-05	-3.42E-02	0.00E+00	0.00E+00	-4.37E-01	-1.81E-04	4.92E-05	-9.14E-04	0.00E+00	0.00E+00	-5.18E-10	-1.93E-08	-3.67E-04	-5.58E-01	0.00E+00	0.00E+00	-3.26E-01	0.00E+00	-4.62E-01	0.00E+00	-1.95E-09	-6.10E-09	-2.49E-04	-2.12E-10	-9.45E-02	0.00E+00	-4.62E-01	-7.92E-06	-4.62E-01	-5.53E-01	-9.45E-02	0.00E+00	0.00E+00	0.00E+00	-1.30E+01
WH11595200C	-4.05E-03	-5.49E-02	-2.31E-04	-3.86E-02	0.00E+00	0.00E+00	-7.29E-01	-2.89E-04	-3.75E-05	-1.53E-03	0.00E+00	0.00E+00	-7.72E-10	-2.92E-08	-9.77E-04	-4.37E-01	0.00E+00	0.00E+00	-8.15E-01	0.00E+00	-4.95E-01	0.00E+00	-2.24E-09	-9.11E-09	-6.60E-04	-2.12E-10	-1.03E-01	0.00E+00	-4.95E-01	-1.13E-05	-4.95E-01	-5.55E-01	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-3.09E+01
WH11595205A	-2.53E-03	-4.61E-02	-2.91E-05	-3.42E-02	0.00E+00	0.00E+00	-4.24E-01	-1.76E-04	4.77E-05	-8.66E-04	0.00E+00	0.00E+00	-5.05E-10	-1.92E-08	-4.55E-04	-5.58E-01	0.00E+00	0.00E+00	-3.22E-01	0.00E+00	-4.62E-01	0.00E+00	-1.95E-09	-5.95E-09	-2.35E-04	-2.12E-10	-9.66E-02	0.00E+00	-4.62E-01	-7.77E-06	-4.62E-01	-5.53E-01	-9.66E-02	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
WH11595205C	-2.60E-03	-4.73E-02	-2.94E-05	-3.60E-02	0.00E+00	0.00E+00	-4.79E-01	-1.95E-04	4.33E-05	-1.13E-03	0.00E+00	0.00E+00	-5.28E-10	-1.99E-08	-5.14E-04	-3.65E-01	0.00E+00	0.00E+00	-3.65E-01	0.00E+00	-4.75E-01	0.00E+00	-2.22E-09	-6.25E-09	-2.73E-04	-2.12E-10	-8.33E-02	0.00E+00	-4.75E-01	-7.75E-06	-4.75E-01	-5.31E-01	-8.33E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
WH11596200A	6.27E-04	7.49E-02	1.86E-03	7.30E-02	0.00E+00	0.00E+00	2.79E-01	-9.92E-06	4.67E-04	6.02E-04	0.00E+00	0.00E+00	4.61E-11	3.57E-09	1.88E-03	1.13E-01	0.00E+00	0.00E+00	2.62E-01	0.00E+00	4.53E-01	0.00E+00	3.94E-09	2.11E-09	1.73E-04	0.00E+00	4.87E-02	0.00E+00	4.53E-01	-3.24E-07	4.53E-01	5.02E-01	4.87E-02	0.00E+00	0.00E+00	0.00E+00	9.51E+00
WH11596200B	-3.55E-03	-2.13E-01	5.70E-04	-6.73E-02	0.00E+00	0.00E+00	-1.01E+00	-6.03E-04	3.67E-06	-1.91E-03	0.00E+00	0.00E+00	-6.56E-10	-6.17E-08	1.96E-03	-5.38E+00	0.00E+00	0.00E+00	-5.28E-01	0.00E+00	1.47E+00	0.00E+00	2.18E-09	-1.28E-08	-8.44E-04	-2.12E-10	-9.29E-01	0.00E+00	1.47E+00	-1.40E-05	1.47E+00	1.80E-01	-9.29E-01	0.00E+00	0.00E+00	0.00E+00	-2.90E+01
WH11596200C	-4.27E-03	-2.07E-01	6.77E-04	-6.73E-02	0.00E+00	0.00E+00	-9.19E-01	-5.88E-04	4.40E-06	-1.92E-03	0.00E+00	0.00E+00	-6.45E-10	-6.07E-08	2.28E-03	-4.74E+00	0.00E+00	0.00E+00	-5.27E-01	0.00E+00	1.48E+00	0.00E+00	1.83E-09	-1.14E-08	-7.94E-04	-2.12E-10	-8.05E-01	0.00E+00	1.48E+00	-1.34E-05	1.48E+00	1.80E-01	-8.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH11596205C	-4.27E-03	-2.07E-01	6.77E-04	-6.73E-02	0.00E+00	0.00E+00	-9.19E-01	-5.88E-04	4.40E-06	-1.92E-03	0.00E+00	0.00E+00	-6.45E-10	-6.07E-08	2.28E-03	-4.74E+00	0.00E+00	0.00E+00	-5.27E-01	0.00E+00	1.48E+00	0.00E+00	1.83E-09	-1.14E-08	-7.94E-04	-2.12E-10	-8.05E-01	0.00E+00	1.48E+00	-1.34E-05	1.48E+00	1.80E-01	-8.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH11596206A	-4.78E-03	-8.57E-02	2.26E-04	-5.25E-02	0.00E+00	0.00E+00	-9.71E-01	-6.09E-04	-5.34E-05	-1.78E-03	0.00E+00	0.00E+00	-6.27E-10	-6.75E-08	1.20E-03	-2.56E+00	0.00E+00	0.00E+00	-5.05E-01	0.00E+00	-9.38E-02	0.00E+00	1.05E-09	-1.02E-08	-7.87E-04	-2.12E-10	-3.74E-01	0.00E+00	-9.38E-02	-1.36E-05	-9.38E-02	-7.73E-01	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
WH11620300C	-3.50E-03	3.24E-03	2.92E-04	-1.19E-03	0.00E+00	0.00E+00	-6.52E-01	-2.81E-04	3.62E-05	-1.87E-03	0.00E+00	0.00E+00	-4.92E-10	-3.53E-08	4.98E-04	-4.14E-01	0.00E+00	0.00E+00	-8.32E-01	0.00E+00	-4.57E-02	0.00E+00	8.81E-10	-6.56E-09	-4.80E-04	-2.12E-10	-6.73E-02	0.00E+00	-4.57E-02	-1.02E-05	-4.57E-02	-1.79E-01	-6.73E-02	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
WH11620305C	-3.50E-03	3.24E-03	2.92E-04	-1.19E-03	0.00E+00	0.00E+00	-6.52E-01	-2.81E-04	3.62E-05	-1.87E-03	0.00E+00	0.00E+00	-4.92E-10	-3.53E-08	4.98E-04	-4.14E-01	0.00E+00	0.00E+00	-8.32E-01	0.00E+00	-4.57E-02	0.00E+00	8.81E-10	-6.56E-09	-4.80E-04	-2.12E-10	-6.73E-02	0.00E+00	-4.57E-02	-1.02E-05	-4.57E-02	-1.79E-01	-6.73E-02	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
WH11620700C	-3.62E-03	3.15E-03	2.35E-04	-1.19E-03	0.00E+00	0.00E+00	-6.54E-01	-3.15E-04	-5.32E-05	-1.89E-03	0.00E+00	0.00E+00	-5.31E-10	-3.67E-08	3.36E-04	-4.14E-01	0.00E+00	0.00E+00	-8.48E-01	0.00E+00	-4.57E-02	0.00E+00	8.18E-10	-6.62E-09	-5.02E-04	-2.12E-10	-6.73E-02	0.00E+00	-4.57E-02	-1.11E-05	-4.57E-02	-1.79E-01	-6.73E-02	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH11622300A	-3.11E-03	5.79E-03	3.64E-04	1.69E-03	0.00E+00	0.00E+00	-6.06E-01	-3.43E-04	2.09E-05	-1.68E-03	0.00E+00	0.00E+00	-4.52E-10	-3.79E-08	9.38E-04	-7.87E-01	0.00E+00	0.00E+00	-7.72E-01	0.00E+00	-4.57E-02	0.00E+00	1.29E-09	-6.54E-09	-5.11E-04	-2.12E-10	-1.11E-01	0.00E+00	-4.57E-02	-1.05E-05	-4.57E-02	-1.85E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
WH11622300B	-2.34E-03	9.98E-03	4.88E-04	8.47E-03	0.00E+00	0.00E+00	-3.73E-01	-1.68E-04	8.63E-05	-7.00E-04	0.00E+00	0.00E+00	-3.04E-10	-1.63E-08	7.59E-04	-4.19E-01	0.00E+00	0.00E+00	-1.92E-01	0.00E+00	-2.74E-02	0.00E+00	9.79E-10	-2.41E-09	-2.40E-04	-2.12E-10	-4.97E-02	0.00E+00	-2.74E-02	-6.45E-06	-2.74E-02	-1.75E-01	-4.97E-02	0.00E+00	0.00E+00	0.00E+00	-6.60E+00
WH11622300C	-3.50E-03	3.17E-03	2.92E-04	-1.19E-03	0.00E+00	0.00E+00	-6.52E-01	-2.80E-04	2.88E-05	-1.89E-03	0.00E+00	0.00E+00	-4.91E-10	-3.51E-08	5.07E-04	-4.21E-01	0.00E+00	0.00E+00	-8.44E-01	0.00E+00	-4.57E-02	0.00E+00	8.89E-10	-6.62E-09	-4.80E-04	-2.12E-10	-7.19E-02	0.00E+00	-4.57E-02	-1.03E-05	-4.57E-02	-1.79E-01	-7.19E-02	0.00E+00	0.00E+00	0.00E+00	-2.76E+01
WH11622305A	-3.11E-03	5.79E-03	3.64E-04	1.69E-03	0.00E+00	0.00E+00	-6.06E-01	-3.43E-04	2.09E-05	-1.68E-03	0.00E+00	0.00E+00	-4.52E-10	-3.79E-08	9.38E-04	-7.87E-01	0.00E+00	0.00E+00	-7.72E-01	0.00E+00	-4.57E-02	0.00E+00	1.29E-09	-6.54E-09	-5.11E-04	-2.12E-10	-1.11E-01	0.00E+00	-4.57E-02	-1.05E-05	-4.57E-02	-1.85E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
WH11622305B	-2.34E-03	9.98E-03	4.88E-04	8.47E-03	0.00E+00	0.00E+00	-3.73E-01	-1.68E-04	8.63E-05	-7.00E-04	0.00E+00	0.00E+00	-3.04E-10	-1.63E-08	7.59E-04	-4.19E-01	0.00E+00	0.00E+00	-1.92E-01	0.00E+00	-2.74E-02	0.00E+00	9.79E-10	-2.41E-09	-2.40E-04	-2.12E-10	-4.97E-02	0.00E+00	-2.74E-02	-6.45E-06	-2.74E-02	-1.75E-01	-4.97E-02	0.00E+00	0.00E+00	0.00E+00	-6.60E+00
WH11622305C	-3.50E-03	3.17E-03	2.92E-04	-1.19E-03	0.00E+00	0.00E+00	-6.52E-01	-2.80E-04	2.88E-05	-1.89E-03	0.00E+00	0.00E+00	-4.91E-10	-3.51E-08	5.07E-04	-4.21E-01	0.00E+00	0.00E+00	-8.44E-01	0.00E+00	-4.57E-02	0.00E+00	8.89E-10	-6.62E-09	-4.80E-04	-2.12E-10	-7.19E-02	0.00E+00	-4.57E-02	-1.03E-05	-4.57E-02	-1.79E-01	-7.19E-02	0.00E+00	0.00E+00	0.00E+00	-2.76E+01
WH11622700A	-3.23E-03	5.69E-03	2.80E-04	1.69E-03	0.00E+00	0.00E+00	-6.08E-01	-3.70E-04	-6.42E-05	-1.71E-03	0.00E+00	0.00E+00	-4.89E-10	-3.93E-08	6.95E-04	-7.87E-01	0.00E+00	0.00E+00	-7.89E-01	0.00E+00	-4.57E-02	0.00E+00	1.22E-09	-6.60E-09	-5.30E-04	-2.12E-10	-1.11E-01	0.00E+00	-4.57E-02	-1.13E-05	-4.57E-02	-1.85E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
WH11622700B	-2.52E-03	9.89E-03	4.15E-04	8.47E-03	0.00E+00	0.00E+00	-3.80E-01	-2.15E-04	1.34E-05	-8.04E-04	0.00E+00	0.00E+00	-3.49E-10	-1.93E-08	5.10E-04	-4.19E-01	0.00E+00	0.00E+00	-2.35E-01	0.00E+00	-2.74E-02	0.00E+00	9.28E-10	-2.65E-09	-2.58E-04	-2.12E-10	-4.97E-02	0.00E+00	-2.74E-02	-7.59E-06	-2.74E-02	-1.75E-01	-4.97E-02	0.00E+00	0.00E+00	0.00E+00	-8.12E+00
WH11622700C	-3.62E-03	3.08E-03	2.35E-04	-1.19E-03	0.00E+00	0.00E+00	-6.54E-01	-3.15E-04	-5.97E-05	-1.91E-03	0.00E+00	0.00E+00	-5.31E-10	-3.65E-08	3.45E-04	-4.21E-01	0.00E+00	0.00E+00	-8.60E-01	0.00E+00	-4.57E-02	0.00E+00	8.25E-10	-6.68E-09	-5.02E-04	-2.12E-10	-7.19E-02	0.00E+00	-4.57E-02	-1.13E-05	-4.57E-02	-1.79E-01	-7.19E-02	0.00E+00	0.00E+00	0.00E+00	-2.90E+01
WH11622705A	-3.23E-03	5.69E-03	2.80E-04	1.69E-03	0.00E+00	0.00E+00	-6.08E-01	-3.70E-04	-6.42E-05	-1.71E-03	0.00E+00	0.00E+00	-4.89E-10	-3.93E-08	6.95E-04	-7.87E-01	0.00E+00	0.00E+00	-7.89E-01	0.00E+00	-4.57E-02	0.00E+00	1.22E-09	-6.60E-09	-5.30E-04	-2.12E-10	-1.11E-01	0.00E+00	-4.57E-02	-1.13E-05	-4.57E-02	-1.85E-01	-1.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
WH11622705C	-3.62E-03	3.08E-03	2.35E-04	-1.19E-03	0.00E+00	0.00E+00	-6.54E-01	-3.15E-04	-5.97E-05	-1.91E-03	0.00E+00	0.00E+00	-5.31E-10	-3.65E-08	3.45E-04	-4.21E-01	0.00E+00	0.00E+00	-8.60E-01	0.00E+00	-4.57E-02	0.00E+00	8.25E-10	-6.68E-09	-5.02E-04	-2.12E-10	-7.19E-02	0.00E+00	-4.57E-02	-1.13E-05	-4.57E-02	-1.79E-01	-7.19E-02	0.00E+00	0.00E+00	0.00E+00	-2.90E+01
WH11623306A	-3.63E-03	-7.44E-02	5.78E-05	-5.64E-02	0.00E+00	0.00E+00	-9.77E-01	-6.67E-04	-4.04E-06	-1.68E-03	0.00E+00	0.00E+00	-6.55E-10	-7.04E-08	7.64E-04	-3.03E+00	0.00E+00	0.00E+00	-4.51E-01	0.00E+00	-9.81E-02	0.00E+00	5.46E-10	-1.08E-08	-8.32E-04	-2.12E-10	-4.72E-01	0.00E+00	-9.81E-02	-1.40E-05	-9.81E-02	-8.75E-01	-4.72E-01	0.00E+00	0.00E+00	0.00E+00	-2.42E+01
WH11625300A	-3.73E-03	6.31E-03	4.02E-04	4.43E-03	0.00E+00	0.00E+00	-7.17E-01	-3.88E-04	2.39E-05	-1.74E-03	0.00E+00	0.00E+00	-4.81E-10	-4.05E-08	9.29E-04	-8.97E-01	0.00E+00	0.00E+00	-8.26E-01	0.00E+00	-4.57E-02	0.00E+00	1.45E-09	-7.61E-09	-5.95E-04	-2.12E-10	-1.21E-01	0.00E+00	-4.57E-02	-1.07E-05	-4.57E-02	-1.70E-01	-1.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
WH11625300B	-2.72E-03	1.11E-02	5.31E-04	9.08E-03	0.00E+00	0.00E+00	-4.40E-01	-1.90E-04	9.58E-05	-7.04E-04	0.00E+00	0.00E+00	-3.08E-10	-1.70E-08	7.73E-04	-4.81E-01	0.00E+00	0.00E+00	-2.27E-01	0.00E+00	-2.74E-02	0.00E+00	1.07E-09	-2.87E-09	-2.12E-04	-2.12E-10	-4.73E-02	0.00E+00	-2.74E-02	-6.64E-06	-2.74E-02	-1.51E-01	-4.73E-02	0.00E+00	0.00E+00	0.00E+00	-7.48E+00
WH11625300C	5.78E-04	2.66E-02	1.94E-03	2.46E-02	0.00E+00	0.00E+00	3.73E-01	-9.69E-06	4.56E-04	2.39E-04	0.00E+00	0.00E+00	5.85E-11	3.92E-09	1.90E-03	-6.33E-03	0.00E+00	0.00E+00	3.15E-01	0.00E+00	4.29E-01	0.00E+00	3.32E-09	1.71E-09	9.54E-05	0.00E+00	3.73E-02	0.00E+00	4.29E-01	-3.21E-07	4.29E-01	4.67E-01	3.73E-02	0.00E+00	0.00E+00	0.00E+00	1.16E+01
WH11625305A	-2.56E-03	1.12E-02	5.55E-04	9.75E-03	0.00E+00	0.00E+00	-4.33E-01	-1.85E-04	8.70E-05	-6.32E-04	0.00E+00	0.00E+00	-2.50E-10	-1.82E-08	7.93E-04	-4.75E-01	0.00E+00	0.00E+00	-1.98E-01	0.00E+00	-2.74E-02	0.00E+00	1.14E-09	-2.56E-09	-1.84E-04	-2.12E-10	-4.74E-02	0.00E+00	-2.74E-02	-6.02E-06	-2.74E-02	-1.51E-01	-4.74E-02	0.00E+00	0.00E+00	0.00E+00	-7.07E+00
WH11625305C	-2.76E-03	8.01E-03	3.33E-04	6.22E-03	0.00E+00	0.00E+00	-4.98E-01	-1.77E-04	8.27E-05	-1.17E-03	0.00E+00	0.00E+00	-3.04E-10	-1.75E-08	3.03E-04	-3.75E-01	0.00E+00	0.00E+00	-2.60E-01	0.00E+00	-2.74E-02	0.00E+00	6.96E-10	-3.11E-09	-2.90E-04	-2.12E-10	-5.64E-02	0.00E+00	-2.74E-02	-6.55E-06	-2.74E-02	-1.51E-01	-5.64E-02	0.00E+00	0.00E+00	0.00E+00	-1.02E+01
WH11625306B	-2.72E-03	1.11E-02	5.31E-04	9.08E-03	0.00E+00	0.00E+00	-4.40E-01	-1.90E-04	9.58E-05	-7.04E-04	0.00E+00	0.00E+00	-3.08E-10	-1.70E-08	7.73E-04	-4.81E-01	0.00E+00	0.00E+00	-2.27E-01	0.00E+00	-2.74E-02	0.00E+00	1.07E-09	-2.87E-09	-2.12E-04	-2.12E-10	-4.73E-02	0.00E+00	-2.74E-02	-6.64E-06	-2.74E-02	-1.51E-01	-4.73E-02	0.00E+00	0.00E+00	0.00E+00	-7.48E+00
WH11625700A	-2.70E-03	9.81E-03	3.51E-04	7.50E-03	0.00E+00	0.00E+00	-5.50E-01	-2.39E-04	-2.22E-05	-1.11E-03	0.00E+00	0.00E+00	-3.41E-10	-2.69E-08	5.58E-04	-5.39E-01	0.00E+00	0.00E+00	-4.09E-01	0.00E+00	-4.13E-02	0.00E+00	1.05E-09	-3.87E-09	-4.07E-04	-2.12E-10	-6.70E-02	0.00E+00	-4.13E-02	-7.86E-06	-4.13E-02	-1.48E-01	-6.70E-02	0.00E+00	0.00E+00	0.00E+00	-1.79E+01
WH11625700B	-2.93E-03	7.48E-03	2.15E-04	5.28E-03	0.00E+00	0.00E+00	-6.35E-01	-2.81E-04	-4.00E-05	-1.29E-03	0.00E+00	0.00E+00	-4.54E-10	-2.99E-08	4.01E-04	-5.52E-01	0.00E+00	0.00E+00	-5.22E-01	0.00E+00	-4.13E-02	0.00E+00	9.32E-10	-4.80E-09	-5.77E-04	-2.12E-10	-7.12E-02	0.00E+00	-4.13E-02	-9.11E-06	-4.13E-02	-1.61E-01	-7.12E-02	0.00E+00	0.00E+00	0.00E+00	-1.94E+01
WH11625700C	-3.00E-03	6.60E-03	2.38E-04	1.93E-03	0.00E+00	0.00E+00	-6.18E-01	-2.11E-04	-9.30E-06	-1.34E-03	0.00E+00	0.00E+00	-4.43E-10	-1.90E-08	8.33E-04	-3.82E-01	0.00E+00	0.00E+00	-3.87E-01	0.00E+00	-3.52E-02	0.00E+00	8.42E-10	-4.21E-09	-4.26E-04	-2.12E-10	-6.07E-02	0.00E+00	-3.52E-02	-9.26E-06	-3.52E-02	-1.72E-01	-6.07E-02	0.00E+00	0.00E+00	0.00E+00	-1.80E+01
WH11625705A	-2.70E-03	9.81E-03	3.51E-04	7.50E-03	0.00E+00	0.00E+00	-5.50E-01	-2.39E-04	-2.22E-05	-1.11E-03	0.00E+00	0.00E+00	-3.41E-10	-2.69E-08	5.58E-04	-5.39E-01	0.00E+00	0.00E+00	-4.09E-01	0.00E+00	-4.13E-02	0.00E+00	1.05E-09	-3.87E-09	-4.07E-04	-2.12E-10	-6.70E-02	0.00E+00	-4.13E-02	-7.86E-06	-4.13E-02	-1.48E-01	-6.70E-02	0.00E+00	0.00E+00	0.00E+00	-1.79E+01
WH11640300C	-3.97E-03	3.06E-03	5.29E-04	4.11E-03	0.00E+00	0.00E+00	-7.39E-01	-3.52E-04	1.28E-04	-1.81E-03	0.00E+00	0.00E+00	-4.50E-10	-3.72E-08	1.02E-03	-4.09E-01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-4.16E-02	0.00E+00	1.34E-09	-7.12E-09	-4.70E-04	-2.12E-10	-6.16E-02	0.00E+00	-4.16E-02	-1.22E-05	-4.16E-02	-1.51E-01	-6.16E-02	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
WH11640305C	-3.96E-03	3.45E-03	7.34E-04	3.66E-03	0.00E+00	0.00E+00	-7.35E-01	-3.52E-04	1.47E-04	-1.86E-03	0.00E+00	0.00E+00	-4.55E-10	-3.65E-08	1.22E-03	-4.05E-01	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-4.16E-02	0.00E+00	1.36E-09	-7.13E-09	-4.20E-04	-2.12E-10	-5.92E-02	0.00E+00	-4.16E-02	-1.12E-05	-4.16E-02	-1.51E-01	-5.92E-02	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
WH11640700C	-4.14E-03	4.86E-03	5.12E-04	2.30E-03	0.00E+00	0.00E+00	-8.11E-01	-4.04E-04	1.91E-05	-2.30E-03	0.00E+00	0.00E+00	-6.57E-10	-5.43E-08	1.08E-03	-4.17E-01	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-5.06E-02	0.00E+00	1.12E-09	-7.94E-09	-4.17E-04	-2.12E-10	-6.43E-02	0.00E+00	-5.06E-02	-1.32E-05	-5.06E-02	-1.60E-01	-6.43E-02	0.00E+00	0.00E+00	0.00E+00	-3.54E+01
WH11640705C	-4.14E-03	4.86E-03	5.12E-04	2.30E-03	0.00E+00	0.00E+00	-8.11E-01	-4.04E-04	1.91E-05	-2.30E-03	0.00E+00	0.00E+00	-6.57E-10	-5.43E-08	1.08E-03	-4.17E-01	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-5.06E-02	0.00E+00	1.12E-09	-7.94E-09	-4.17E-04	-2.12E-10	-6.43E-02	0.00E+00	-5.06E-02	-1.32E-05	-5.06E-02	-1.60E-01	-6.43E-02	0.00E+00	0.00E+00	0.00E+00	-3.54E+01
WH11642105A	-2.96E-03	1.31E-02	1.34E-03	2.55E-02	0.00E+00	0.00E+00	-5.37E-01	-3.64E-04	2.25E-04	-9.68E-04	0.00E+00	0.00E+00	-4.01E-10	-3.20E-08	2.17E-03	-8.27E-01	0.00E+00	0.00E+00	-8.03E-01	0.00E+00	-1.08E-02	0.00E+00	2.09E-09	-7.10E-09	-4.85E-04	-2.12E-10	-1.13E-01	0.00E+00	-1.08E-02	-1.25E-05	-1.08E-02	-1.31E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
WH11642300A	-1.86E-03	1.20E-02	4.43E-04	2.04E-02	0.00E+00	0.00E+00	-4.75E-01	-2.54E-04	1.82E-04	-7.74E-04	0.00E+00	0.00E+00	-4.62E-10	-3.47E-08	1.03E-03	-5.31E-01	0.00E+00	0.00E+00	-3.11E-01	0.00E+00	-3.11E-02	0.00E+00	1.39E-09	-4.84E-09	-5.09E-04	-2.12E-10	-6.55E-02	0.00E+00	-3.11E-02	-6.86E-06	-3.11E-02	-1.20E-01	-6.55E-02	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
WH11642300B	-2.88E-03	1.17E-02	7.57E-04	1.47E-02	0.00E+00	0.00E+00	-6.45E-01	-3.29E-04	9.94E-05	-1.21E-03	0.00E+00	0.00E+00	-4.92E-10	-3.87E-08	1.21E-03	-4.95E-01	0.00E+00	0.00E+00	-5.08E-01	0.00E+00	-3.32E-02	0.00E+00	1.15E-09	-4.28E-09	-3.95E-04	-2.12E-10	-5.06E-02	0.00E+00	-3.32E-02	-1.16E-05	-3.32E-02	-1.32E-01	-5.06E-02	0.00E+00	0.00E+00	0.00E+00	-1.22E+01
WH11642300C	8.76E-04	5.83E-02	2.13E-03	5.62E-02	0.00E+00	0.00E+00	2.90E-01	-7.66E-06	6.55E-04	4.81E-04	0.00E+00	0.00E+00	-1.56E-10	6.10E-09	1.81E-03	1.33E-01	0.00E+00	0.00E+00	1.94E-01	0.00E+00	2.76E-01	0.00E+00	3.47E-09	6.99E-10	9.94E-05	0.00E+00	4.78E-02	0.00E+00	2.76E-01	-4.05E-07	2.76E-01	3.24E-01	4.78E-02	0.00E+00	0.00E+00	0.00E+00	6.48E+00
WH11642305A	-1.86E-03	9.88E-03	5.20E-04	2.03E-02	0.00E+00	0.00E+00	-4.90E-01	-3.15E-04	1.14E-04	-8.98E-04	0.00E+00	0.00E+00	-4.04E-10	-4.35E-08	1.53E-03	-5.44E-01	0.00E+00	0.00E+00	-3.77E-01	0.00E+00	-2.92E-02	0.00E+00	1.45E-09	-4.26E-09	-6.03E-04	-2.12E-10	-7.27E-02	0.00E+00	-2.92E-02	-9.90E-06	-2.92E-02	-1.29E-01	-7.27E-02	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
WH11642305B	-2.88E-03	1.17E-02	7.57E-04	1.47E-02	0.00E+00	0.00E+00	-6.45E-01	-3.29E-04	9.94E-05	-1.21E-03	0.00E+00	0.00E+00	-4.92E-10	-3.87E-08	1.21E-03	-4.95E-01	0.00E+00	0.00E+00	-5.08E-01	0.00E+00	-3.32E-02	0.00E+00	1.15E-09	-4.28E-09	-3.95E-04	-2.12E-10	-5.06E-02	0.00E+00	-3.32E-02	-1.16E-05	-3.32E-02	-1.32E-01	-5.06E-02	0.00E+00	0.00E+00	0.00E+00	-1.22E+01
WH11642305C	-9.42E-03	-8.69E-06	-9.91E-04	9.83E-04	0.00E+00	0.00E+00	-2.13E+00	-9.57E-04	-3.66E-04	-4.81E-03	0.00E+00	0.00E+00	-1.14E-09	-1.11E-07	-3.85E-04	-8.53E-01	0.00E+00	0.00E+00	-1.67E+00	0.00E+00	-4.12E-01	0.00E+00	-9.38E-10	-1.64E-08	-1.40E-03	0.00E+00	-1.71E-01	0.00E+00	-4.12E-01	-2.75E-05	-4.12E-01	-5.82E-01	-1.71E-01	0.00E+00	0.00E+00	0.00E+00	-7.30E+01
WH11642306A	-1.86E-03	9.88E-03	5.20E-04	2.03E-02	0.00E+00	0.00E+00	-4.90E-01	-3.15E-04	1.14E-04	-8.98E-04	0.00E+00	0.00E+00	-4.04E-10	-4.35E-08	1.53E-03	-5.44E-01	0.00E+00	0.00E+00	-3.77E-01	0.00E+00	-2.92E-02	0.00E+00	1.45E-09	-4.26E-09	-6.03E-04	-2.12E-10	-7.27E-02	0.00E+00	-2.92E-02	-9.90E-06	-2.92E-02	-1.29E-01	-7.27E-02	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
WH11642306C	-3.97E-03	3.78E-03	7.34E-04	3.66E-03	0.00E+00	0.00E+00	-7.48E-01	-3.52E-04	1.07E-04	-1.88E-03	0.00E+00	0.00E+00	-4.96E-10	-3.59E-08	9.49E-04	-4.14E-01	0.00E+00	0.00E+00	-1.04E+00	0.00E+00	-4.16E-02	0.00E+00	1.39E-09	-7.49E-09	-4.09E-04	-2.12E-10	-6.51E-02	0.00E+00	-4.16E-02	-1.27E-05	-4.16E-02	-1.51E-01	-6.51E-02	0.00E+00	0.00E+00	0.00E+00	-2.94E+01

WH11642700A	1.02E-03	7.39E-02	2.43E-03	7.15E-02	0.00E+00	0.00E+00	3.63E-01	-1.89E-06	7.09E-04	6.59E-04	0.00E+00	0.00E+00	6.60E-12	7.09E-09	2.09E-03	4.86E-02	0.00E+00	0.00E+00	3.22E-01	0.00E+00	4.60E-01	0.00E+00	4.27E-09	2.16E-09	1.88E-04	0.00E+00	4.55E-02	0.00E+00	4.60E-01	-1.01E-07	4.60E-01	5.05E-01	4.55E-02	0.00E+00	0.00E+00	0.00E+00	1.17E+01
WH11642700B	-3.02E-03	1.34E-02	7.90E-04	1.56E-02	0.00E+00	0.00E+00	-6.26E-01	-2.87E-04	7.75E-05	-1.15E-03	0.00E+00	0.00E+00	-4.82E-10	-3.67E-08	1.21E-03	-4.89E-01	0.00E+00	0.00E+00	-3.99E-01	0.00E+00	-3.21E-02	0.00E+00	1.39E-09	-4.47E-09	-2.53E-04	-2.12E-10	-5.05E-02	0.00E+00	-3.21E-02	-1.16E-05	-3.21E-02	-1.42E-01	-5.05E-02	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
WH11642700C	-1.00E-02	-1.68E-03	-1.08E-03	-5.96E-04	0.00E+00	0.00E+00	-2.28E+00	-1.02E-03	-3.91E-04	-5.14E-03	0.00E+00	0.00E+00	-1.22E-09	-1.18E-07	-4.23E-04	-8.14E-01	0.00E+00	0.00E+00	-1.78E+00	0.00E+00	-4.36E-01	0.00E+00	-1.00E-09	-1.74E-08	-1.49E-03	0.00E+00	-1.68E-01	0.00E+00	-4.36E-01	-2.93E-05	-4.36E-01	-6.04E-01	-1.68E-01	0.00E+00	0.00E+00	0.00E+00	-7.77E+01
WH11642705A	-1.88E-03	1.18E-02	6.74E-04	1.97E-02	0.00E+00	0.00E+00	-5.09E-01	-2.57E-04	1.46E-04	-7.61E-04	0.00E+00	0.00E+00	-3.91E-10	-3.41E-08	1.60E-03	-5.43E-01	0.00E+00	0.00E+00	-2.52E-01	0.00E+00	-3.37E-02	0.00E+00	1.64E-09	-3.87E-09	-4.10E-04	-2.12E-10	-7.38E-02	0.00E+00	-3.37E-02	-8.68E-06	-3.37E-02	-1.39E-01	-7.38E-02	0.00E+00	0.00E+00	0.00E+00	-1.74E+01
WH11642705C	-2.52E-03	1.48E-02	7.86E-04	1.33E-02	0.00E+00	0.00E+00	-6.21E-01	-2.05E-04	8.00E-05	-1.41E-03	0.00E+00	0.00E+00	-5.35E-10	-2.04E-08	6.29E-04	-3.58E-01	0.00E+00	0.00E+00	-5.42E-01	0.00E+00	-2.84E-02	0.00E+00	1.85E-09	-5.92E-09	-2.29E-04	-2.12E-10	-5.15E-02	0.00E+00	-2.84E-02	-1.05E-05	-2.84E-02	-1.21E-01	-5.15E-02	0.00E+00	0.00E+00	0.00E+00	-2.05E+01
WH11643300A	-2.60E-03	5.23E-03	3.68E-04	1.31E-02	0.00E+00	0.00E+00	-7.09E-01	-4.25E-04	9.60E-05	-1.15E-03	0.00E+00	0.00E+00	-5.44E-10	-5.60E-08	1.39E-03	-5.84E-01	0.00E+00	0.00E+00	-6.32E-01	0.00E+00	-4.63E-02	0.00E+00	1.12E-09	-5.01E-09	-7.75E-04	-2.12E-10	-7.61E-02	0.00E+00	-4.63E-02	-1.29E-05	-4.63E-02	-1.51E-01	-7.61E-02	0.00E+00	0.00E+00	0.00E+00	-1.95E+01
WH11643300C	-3.41E-03	6.99E-03	8.21E-04	8.17E-03	0.00E+00	0.00E+00	-7.69E-01	-2.51E-04	1.35E-04	-1.96E-03	0.00E+00	0.00E+00	-5.55E-10	-1.67E-08	4.08E-04	-4.15E-01	0.00E+00	0.00E+00	-9.49E-01	0.00E+00	-4.54E-02	0.00E+00	1.16E-09	-6.76E-09	-3.29E-04	-2.12E-10	-5.96E-02	0.00E+00	-4.54E-02	-1.48E-05	-4.54E-02	-1.46E-01	-5.96E-02	0.00E+00	0.00E+00	0.00E+00	-2.68E+01
WH11643305A	-2.60E-03	5.23E-03	3.68E-04	1.31E-02	0.00E+00	0.00E+00	-7.09E-01	-4.25E-04	9.60E-05	-1.15E-03	0.00E+00	0.00E+00	-5.44E-10	-5.60E-08	1.39E-03	-5.84E-01	0.00E+00	0.00E+00	-6.32E-01	0.00E+00	-4.63E-02	0.00E+00	1.12E-09	-5.01E-09	-7.75E-04	-2.12E-10	-7.61E-02	0.00E+00	-4.63E-02	-1.29E-05	-4.63E-02	-1.51E-01	-7.61E-02	0.00E+00	0.00E+00	0.00E+00	-1.95E+01
WH11643305C	-3.32E-03	7.88E-03	8.83E-04	9.17E-03	0.00E+00	0.00E+00	-7.59E-01	-2.40E-04	1.50E-04	-1.75E-03	0.00E+00	0.00E+00	-5.37E-10	-1.64E-08	6.43E-04	-4.09E-01	0.00E+00	0.00E+00	-8.95E-01	0.00E+00	-4.24E-02	0.00E+00	1.18E-09	-6.52E-09	-2.73E-04	-2.12E-10	-5.89E-02	0.00E+00	-4.24E-02	-1.40E-05	-4.24E-02	-1.46E-01	-5.89E-02	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
WH11643306A	-3.65E-03	-7.53E-02	4.55E-04	-4.54E-02	0.00E+00	0.00E+00	-9.86E-01	-7.24E-04	3.22E-05	-1.56E-03	0.00E+00	0.00E+00	-6.55E-10	-7.53E-08	1.05E-03	-3.10E+00	0.00E+00	0.00E+00	-4.00E-01	0.00E+00	-9.88E-02	0.00E+00	7.09E-10	-1.10E-08	-8.38E-04	-2.12E-10	-4.97E-01	0.00E+00	-9.88E-02	-1.54E-05	-9.88E-02	-8.54E-01	-4.97E-01	0.00E+00	0.00E+00	0.00E+00	-2.64E+01
WH11645300A	-3.06E-03	5.60E-03	3.20E-04	1.08E-02	0.00E+00	0.00E+00	-7.98E-01	-4.75E-04	5.01E-05	-1.21E-03	0.00E+00	0.00E+00	-5.86E-10	-5.86E-08	1.49E-03	-5.78E-01	0.00E+00	0.00E+00	-6.99E-01	0.00E+00	-4.52E-02	0.00E+00	1.08E-09	-5.62E-09	-8.07E-04	-2.12E-10	-9.55E-02	0.00E+00	-4.52E-02	-1.23E-05	-4.52E-02	-1.28E-01	-9.55E-02	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
WH11645300B	-3.41E-03	6.90E-03	6.57E-04	9.43E-03	0.00E+00	0.00E+00	-9.16E-01	-4.24E-04	7.12E-05	-1.39E-03	0.00E+00	0.00E+00	-7.00E-10	-4.32E-08	1.32E-03	-6.24E-01	0.00E+00	0.00E+00	-8.22E-01	0.00E+00	-4.60E-02	0.00E+00	9.48E-10	-6.82E-09	-6.23E-04	-2.12E-10	-9.61E-02	0.00E+00	-4.60E-02	-1.60E-05	-4.60E-02	-1.36E-01	-9.61E-02	0.00E+00	0.00E+00	0.00E+00	-2.29E+01
WH11645300C	-3.78E-03	7.77E-03	8.80E-04	6.56E-03	0.00E+00	0.00E+00	-8.39E-01	-3.03E-04	9.94E-05	-1.87E-03	0.00E+00	0.00E+00	-6.23E-10	-2.27E-08	6.63E-04	-4.06E-01	0.00E+00	0.00E+00	-9.89E-01	0.00E+00	-4.24E-02	0.00E+00	1.19E-09	-7.13E-09	-2.63E-04	-2.12E-10	-5.89E-02	0.00E+00	-4.24E-02	-1.45E-05	-4.24E-02	-1.40E-01	-5.89E-02	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
WH11645305A	-3.06E-03	5.60E-03	3.20E-04	1.08E-02	0.00E+00	0.00E+00	-7.98E-01	-4.75E-04	5.01E-05	-1.21E-03	0.00E+00	0.00E+00	-5.86E-10	-5.86E-08	1.49E-03	-5.78E-01	0.00E+00	0.00E+00	-6.99E-01	0.00E+00	-4.52E-02	0.00E+00	1.08E-09	-5.62E-09	-8.07E-04	-2.12E-10	-9.55E-02	0.00E+00	-4.52E-02	-1.23E-05	-4.52E-02	-1.28E-01	-9.55E-02	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
WH11645305B	-3.41E-03	6.90E-03	6.57E-04	9.43E-03	0.00E+00	0.00E+00	-9.16E-01	-4.24E-04	7.12E-05	-1.39E-03	0.00E+00	0.00E+00	-7.00E-10	-4.32E-08	1.32E-03	-6.24E-01	0.00E+00	0.00E+00	-8.22E-01	0.00E+00	-4.60E-02	0.00E+00	9.48E-10	-6.82E-09	-6.23E-04	-2.12E-10	-9.61E-02	0.00E+00	-4.60E-02	-1.60E-05	-4.60E-02	-1.36E-01	-9.61E-02	0.00E+00	0.00E+00	0.00E+00	-2.29E+01
WH11645305C	-3.78E-03	7.77E-03	8.80E-04	6.56E-03	0.00E+00	0.00E+00	-8.39E-01	-3.03E-04	9.94E-05	-1.87E-03	0.00E+00	0.00E+00	-6.23E-10	-2.27E-08	6.63E-04	-4.06E-01	0.00E+00	0.00E+00	-9.89E-01	0.00E+00	-4.24E-02	0.00E+00	1.19E-09	-7.13E-09	-2.63E-04	-2.12E-10	-5.89E-02	0.00E+00	-4.24E-02	-1.45E-05	-4.24E-02	-1.40E-01	-5.89E-02	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
WH11645306A	-3.49E-03	-5.10E-02	5.74E-04	-4.67E-02	0.00E+00	0.00E+00	-7.64E-01	-5.50E-04	1.03E-04	-1.34E-03	0.00E+00	0.00E+00	-5.21E-10	-5.72E-08	-1.40E-04	-1.51E+00	0.00E+00	0.00E+00	-4.94E-01	0.00E+00	-3.56E-01	0.00E+00	6.15E-10	-8.13E-09	-5.61E-04	-2.12E-10	-2.24E-01	0.00E+00	-3.56E-01	-1.22E-05	-3.56E-01	-8.69E-01	-2.24E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
WH11645700B	-3.69E-03	8.98E-03	6.37E-04	9.06E-03	0.00E+00	0.00E+00	-9.47E-01	-3.72E-04	3.49E-05	-1.38E-03	0.00E+00	0.00E+00	-6.85E-10	-4.71E-08	1.15E-03	-6.41E-01	0.00E+00	0.00E+00	-8.86E-01	0.00E+00	-4.95E-02	0.00E+00	1.15E-09	-6.86E-09	-4.95E-04	-2.12E-10	-9.19E-02	0.00E+00	-4.95E-02	-1.53E-05	-4.95E-02	-1.43E-01	-9.19E-02	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
WH11645700C	-4.14E-03	8.96E-03	6.11E-04	5.70E-03	0.00E+00	0.00E+00	-9.17E-01	-3.12E-04	-1.75E-05	-2.17E-03	0.00E+00	0.00E+00	-7.14E-10	-3.49E-08	5.16E-04	-4.17E-01	0.00E+00	0.00E+00	-9.86E-01	0.00E+00	-5.05E-02	0.00E+00	1.12E-09	-7.90E-09	-3.36E-04	-2.12E-10	-6.30E-02	0.00E+00	-5.05E-02	-1.46E-05	-5.05E-02	-1.49E-01	-6.30E-02	0.00E+00	0.00E+00	0.00E+00	-2.76E+01
WH11645705A	-3.25E-03	6.80E-03	3.79E-04	1.15E-02	0.00E+00	0.00E+00	-8.19E-01	-4.10E-04	6.08E-05	-1.19E-03	0.00E+00	0.00E+00	-5.72E-10	-5.32E-08	1.56E-03	-5.75E-01	0.00E+00	0.00E+00	-5.82E-01	0.00E+00	-4.41E-02	0.00E+00	1.19E-09	-5.43E-09	-6.24E-04	-2.12E-10	-9.73E-02	0.00E+00	-4.41E-02	-1.22E-05	-4.41E-02	-1.42E-01	-9.73E-02	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
WH11645705C	-4.14E-03	8.96E-03	6.11E-04	5.70E-03	0.00E+00	0.00E+00	-9.17E-01	-3.12E-04	-1.75E-05	-2.17E-03	0.00E+00	0.00E+00	-7.14E-10	-3.49E-08	5.16E-04	-4.17E-01	0.00E+00	0.00E+00	-9.86E-01	0.00E+00	-5.05E-02	0.00E+00	1.12E-09	-7.90E-09	-3.36E-04	-2.12E-10	-6.30E-02	0.00E+00	-5.05E-02	-1.46E-05	-5.05E-02	-1.49E-01	-6.30E-02	0.00E+00	0.00E+00	0.00E+00	-2.76E+01
WH12580300P	2.24E-05	7.00E-03	3.66E-04	6.64E-03	0.00E+00	0.00E+00	-1.03E-01	-2.29E-05	1.72E-04	-1.44E-05	0.00E+00	-1.21E-05	-4.79E-11	-8.08E-10	-1.91E-03	-2.43E-01	0.00E+00	0.00E+00	3.71E-02	-4.34E-03	-1.64E-01	0.00E+00	1.23E-09	-1.80E-10	-1.08E-05	-2.86E-06	-3.21E-02	0.00E+00	-1.64E-01	-8.33E-07	-1.64E-01	-1.96E-01	-3.21E-02	0.00E+00	0.00E+00	0.00E+00	8.05E-01
WH12580305P	-1.73E-03	3.88E-03	3.21E-04	9.54E-03	0.00E+00	0.00E+00	-3.49E-01	-1.89E-04	6.19E-05	-8.16E-04	0.00E+00	-3.61E-06	-2.03E-10	-1.67E-08	-4.40E-04	-4.25E-01	0.00E+00	0.00E+00	-1.86E-01	-1.29E-03	-9.34E-02	0.00E+00	2.54E-09	-2.32E-09	-2.03E-04	-8.50E-07	-7.33E-02	0.00E+00	-9.34E-02	-6.41E-06	-9.34E-02	-1.62E-01	-7.33E-02	0.00E+00	0.00E+00	0.00E+00	-6.62E+00
WH12580306P	-1.73E-03	3.88E-03	3.21E-04	9.54E-03	0.00E+00	0.00E+00	-3.49E-01	-1.89E-04	6.19E-05	-8.16E-04	0.00E+00	-3.61E-06	-2.03E-10	-1.67E-08	-4.40E-04	-4.25E-01	0.00E+00	0.00E+00	-1.86E-01	-1.29E-03	-9.34E-02	0.00E+00	2.54E-09	-2.32E-09	-2.03E-04	-8.50E-07	-7.33E-02	0.00E+00	-9.34E-02	-6.41E-06	-9.34E-02	-1.62E-01	-7.33E-02	0.00E+00	0.00E+00	0.00E+00	-6.62E+00
WH12585300P	-3.77E-03	-2.99E-03	3.56E-04	6.14E-03	0.00E+00	0.00E+00	-6.25E-01	-3.25E-04	1.05E-05	-1.46E-03	0.00E+00	-3.61E-06	-4.51E-10	-3.09E-08	-3.48E-04	-5.02E-01	0.00E+00	0.00E+00	-7.49E-01	-1.29E-03	-1.09E-01	0.00E+00	3.34E-09	-6.54E-09	-5.14E-04	-8.50E-07	-8.84E-02	0.00E+00	-1.09E-01	-1.13E-05	-1.09E-01	-2.04E-01	-8.84E-02	0.00E+00	0.00E+00	0.00E+00	-2.64E+01
WH12585306P	-3.46E-03	-1.86E-01	1.13E-04	-8.47E-02	0.00E+00	0.00E+00	-1.02E+00	-6.21E-04	-1.37E-05	-1.73E-03	0.00E+00	-3.61E-06	-6.84E-10	-6.65E-08	-2.22E-04	-4.15E+00	0.00E+00	0.00E+00	-4.66E-01	-1.29E-03	3.05E-02	0.00E+00	-4.02E-10	-1.26E-08	-8.36E-04	-8.50E-07	-6.84E-01	0.00E+00	3.05E-02	-1.46E-05	3.05E-02	-1.13E+00	-6.84E-01	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
WH12620300P	-3.31E-03	4.78E-02	1.08E-03	8.52E-03	0.00E+00	0.00E+00	-6.13E-01	-3.65E-04	8.78E-05	-1.75E-03	0.00E+00	-3.61E-06	-4.71E-10	-4.17E-08	3.12E-03	-4.89E-01	0.00E+00	0.00E+00	-8.56E-01	-1.29E-03	1.16E-01	0.00E+00	4.13E-09	-6.22E-09	-4.32E-04	-8.50E-07	-7.58E-02	0.00E+00	1.16E-01	-1.31E-05	1.16E-01	1.47E-01	-7.58E-02	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH12620305P	-3.31E-03	4.78E-02	1.08E-03	8.52E-03	0.00E+00	0.00E+00	-6.13E-01	-3.65E-04	8.78E-05	-1.75E-03	0.00E+00	-3.61E-06	-4.71E-10	-4.17E-08	3.12E-03	-4.89E-01	0.00E+00	0.00E+00	-8.56E-01	-1.29E-03	1.16E-01	0.00E+00	4.13E-09	-6.22E-09	-4.32E-04	-8.50E-07	-7.58E-02	0.00E+00	1.16E-01	-1.31E-05	1.16E-01	1.47E-01	-7.58E-02	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH12620306P	-3.31E-03	4.78E-02	1.08E-03	8.52E-03	0.00E+00	0.00E+00	-6.13E-01	-3.65E-04	8.78E-05	-1.75E-03	0.00E+00	-3.61E-06	-4.71E-10	-4.17E-08	3.12E-03	-4.89E-01	0.00E+00	0.00E+00	-8.56E-01	-1.29E-03	1.16E-01	0.00E+00	4.13E-09	-6.22E-09	-4.32E-04	-8.50E-07	-7.58E-02	0.00E+00	1.16E-01	-1.31E-05	1.16E-01	1.47E-01	-7.58E-02	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH12620700P	-3.33E-03	4.78E-02	1.08E-03	8.70E-03	0.00E+00	0.00E+00	-6.23E-01	-3.92E-04	3.88E-05	-1.84E-03	0.00E+00	-3.61E-06	-4.83E-10	-4.09E-08	3.07E-03	-4.98E-01	0.00E+00	0.00E+00	-8.69E-01	-1.29E-03	1.16E-01	0.00E+00	4.16E-09	-6.30E-09	-4.71E-04	-8.50E-07	-7.58E-02	0.00E+00	1.16E-01	-1.40E-05	1.16E-01	1.47E-01	-7.58E-02	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
WH12620705P	-3.33E-03	4.78E-02	1.08E-03	8.70E-03	0.00E+00	0.00E+00	-6.23E-01	-3.92E-04	3.88E-05	-1.84E-03	0.00E+00	-3.61E-06	-4.83E-10	-4.09E-08	3.07E-03	-4.98E-01	0.00E+00	0.00E+00	-8.69E-01	-1.29E-03	1.16E-01	0.00E+00	4.16E-09	-6.30E-09	-4.71E-04	-8.50E-07	-7.58E-02	0.00E+00	1.16E-01	-1.40E-05	1.16E-01	1.47E-01	-7.58E-02	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
WH12625300P	-4.09E-03	-1.87E-01	9.12E-04	-7.65E-02	0.00E+00	0.00E+00	-9.57E-01	-6.40E-04	2.84E-05	-1.69E-03	0.00E+00	-3.61E-06	-6.72E-10	-7.01E-08	1.98E-03	-3.96E+00	0.00E+00	0.00E+00	-4.91E-01	-1.29E-03	2.74E-01	0.00E+00	-4.28E-11	-1.04E-08	-7.47E-04	-8.50E-07	-6.41E-01	0.00E+00	2.74E-01	-1.54E-05	2.74E-01	-8.57E-01	-6.41E-01	0.00E+00	0.00E+00	0.00E+00	-3.03E+01
WH12625306P	-4.09E-03	-1.87E-01	9.12E-04	-7.65E-02	0.00E+00	0.00E+00	-9.57E-01	-6.40E-04	2.84E-05	-1.69E-03	0.00E+00	-3.61E-06	-6.72E-10	-7.01E-08	1.98E-03	-3.96E+00	0.00E+00	0.00E+00	-4.91E-01	-1.29E-03	2.74E-01	0.00E+00	-4.28E-11	-1.04E-08	-7.47E-04	-8.50E-07	-6.41E-01	0.00E+00	2.74E-01	-1.54E-05	2.74E-01	-8.57E-01	-6.41E-01	0.00E+00	0.00E+00	0.00E+00	-3.03E+01
WH12640300P	8.91E-04	4.30E-04	2.09E-03	-1.66E-03	0.00E+00	0.00E+00	3.66E-01	5.69E-07	6.42E-04	2.21E-04	0.00E+00	0.00E+00	6.45E-11	6.92E-09	1.53E-03	-1.64E+00	0.00E+00	0.00E+00	3.33E-01	0.00E+00	3.58E-01	0.00E+00	2.79E-09	1.10E-09	1.05E-04	0.00E+00	-2.01E-01	0.00E+00	3.58E-01	2.01E-08	3.58E-01	1.56E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	1.26E+01
WH12640305P	-3.38E-03	4.42E-02	1.21E-03	8.35E-03	0.00E+00	0.00E+00	-6.18E-01	-3.60E-04	1.59E-04	-1.74E-03	0.00E+00	-3.61E-06	-2.69E-10	-2.96E-08	3.33E-03	-5.42E-01	0.00E+00	0.00E+00	-5.98E-01	-1.29E-03	1.16E-01	0.00E+00	3.97E-09	-5.90E-09	-3.98E-04	-8.50E-07	-7.50E-02	0.00E+00	1.16E-01	-1.51E-05	1.16E-01	1.57E-01	-7.50E-02	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
WH12640700P	-3.56E-03	4.53E-02	1.05E-03	8.35E-03	0.00E+00	0.00E+00	-6.33E-01	-3.79E-04	1.31E-04	-1.80E-03	0.00E+00	-3.61E-06	-3.77E-10	-3.57E-08	3.28E-03	-5.44E-01	0.00E+00	0.00E+00	-6.06E-01	-1.29E-03	1.16E-01	0.00E+00	3.85E-09	-6.00E-09	-4.07E-04	-8.50E-07	-7.58E-02	0.00E+00	1.16E-01	-1.57E-05	1.16E-01	1.57E-01	-7.58E-02	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
WH12640705P	-3.56E-03	4.53E-02	1.05E-03	8.35E-03	0.00E+00	0.00E+00	-6.33E-01	-3.79E-04	1.31E-04	-1.80E-03	0.00E+00	-3.61E-06	-3.77E-10	-3.57E-08	3.28E-03	-5.44E-01	0.00E+00	0.00E+00	-6.06E-01	-1.29E-03	1.16E-01	0.00E+00	3.85E-09	-6.00E-09	-4.07E-04	-8.50E-07	-7.58E-02	0.00E+00	1.16E-01	-1.57E-05	1.16E-01	1.57E-01	-7.58E-02	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
WH12645300P	-4.36E-03	-1.88E-01	9.66E-04	-7.56E-02	0.00E+00	0.00E+00	-1.01E+00	-6.95E-04	5.54E-05	-1.81E-03	0.00E+00	-3.61E-06	-1.07E-09	-7.23E-08	1.65E-03	-4.05E+00	0.00E+00	0.00E+00	-3.08E-01	-1.29E-03	2.74E-01	0.00E+00	-4.72E-11	-1.13E-08	-8.53E-04	-8.50E-07	-6.60E-01	0.00E+00	2.74E-01	-1.80E-05	2.74E-01	-8.09E-01	-6.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
WH12645305P	-4.36E-03	-1.88E-01	9.66E-04	-7.56E-02	0.00E+00	0.00E+00	-1.01E+00	-6.95E-04	5.54E-05	-1.81E-03	0.00E+00	-3.61E-06	-1.07E-09	-7.23E-08	1.65E-03	-4.05E+00	0.00E+00	0.00E+00	-3.08E-01	-1.29E-03	2.74E-01	0.00E+00	-4.72E-11	-1.13E-08	-8.53E-04	-8.50E-07	-6.60E-01	0.00E+00	2.74E-01	-1.80E-05	2.74E-01	-8.09E-01	-6.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
WH12645306P	-4.36E-03	-1.88E-01	9.66E-04	-7.56E-02	0.00E+00	0.00E+00	-1.01E+00	-6.95E-04	5.54E-05	-1.81E-03	0.00E+00	-3.61E-06	-1.07E-09	-7.23E-08	1.65E-03	-4.05E+00	0.00E+00	0.00E+00	-3.08E-01	-1.29E-03	2.74E-01	0.00E+00	-4.72E-11	-1.13E-08	-8.53E-04	-8.50E-07	-6.60E-01	0.00E+00	2.74E-01	-1.80E-05	2.74E-01	-8.09E-01	-6.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
WH12645700P	-4.38E-03	-1.88E-01	8.37E-04	-7.59E-02	0.00E+00	0.00E+00	-1.02E+00	-7.02E-04	4.40E-05	-1.87E-03	0.00E+00	-3.61E-06	-1.08E-09	-7.29E-08	1.60E-03	-4.01E+00	0.00E+00	0.00E+00	-3.57E-01	-1.29E-03	2.74E-01	0.00E+00	-8.44E-11	-1.13E-08	-8.53E-04	-8.50E-07	-6.52E-01	0.00E+00	2.74E-01	-1.84E-05	2.74E-01	-8.09E-01	-6.52E-01	0.00E+00	0.00E+00	0.00E+00	-2.98E+01
WH14583300Q	-3.45E-03	-3.34E-03	7.45E-05	8.57E-04	0.00E+00	0.00E+00	-5.73E-01	-2.98E-04	-2.39E-05	-2.11E-03	0.00E+00	0.00E+00	-4.28E-10	-2.72E-08	3.13E-04	-5.88E-01	0.00E+00	0.00E+00	-6.61E-01	0.00E+00	-8.63E-03	0.00E+00	3.16E-10	-6.57E-09	-4.97E-04	-2.12E-10	-1.34E-01	0.00E+00	-8.63E-03	-1.19E-05	-8.63E-03	-1.11E-01	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
WH14585400Q	-4.09E-03	-5.45E-02	-2.94E-05	-2.88E-02	0.00E+00	0.00E+00	-6.30E-01	-3.05E-04	2.54E-05	-1.84E-03	0.00E+00	0.00E+00	-7.63E-10	-2.92E-08	-6.79E-04	-1.27E+00	0.00E+00	0.00E+00	-6.36E-01	0.00E+00	-4.21E-01	0.00E+00	-1.87E-09	-8.47E-09	-6.48E-04	-2.12E-10	-2.39E-01	0.00E+00	-4.21E-01	-1.31E-05	-4.21E-01	-3.26E-01	-2.39E-01	0.00E+00	0.00E+00	0.00E+00	-2.94E+01
WH14588300Q	-3.88E-03	-3.64E-03	7.22E-05	1.41E-03	0.00E+00	0.00E+00	-6.09E-01	-2.78E-04	-8.09E-06	-2.14E-03	0.00E+00	0.00E+00	-4.56E-10	-2.83E-08	4.34E-04	-5.85E-01	0.00E+00	0.00E+00	-6.52E-01	0.00E+00	-1.51E-02	0.00E+00	4.50E-10	-6.33E-09	-4.92E-04	-2.12E-10	-1.33E-01	0.00E+00	-1.51E-02	-1.25E-05	-1.51E-02	-1.11E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-2.51E+01
WH14592200Q	-3.63E-03	-5.48E-02	-3.08E-05	-2.79E-02	0.00E+00	0.00E+00	-6.26E-01	-3.23E-04	2.33E-05	-1.67E-03	0.00E+00	0.00E+00	-7.01E-10	-2.65E-08	-6.75E-04	-1.53E+00	0.00E+00	0.00E+00	-6.30E-01	0.00E+00	-4.44E-01	0.00E+00	-2.25E-09	-8.87E-09	-6.69E-04	-2.12E-10	-2.83E-01	0.00E+00	-4.44E-01	-1.27E-05	-4.44E-01	-3.62E-01	-2.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.95E+01
WH14592205Q	-3.63E-03	-5.48E-02	-3.08E-05	-2.79E-02	0.00E+00	0.00E+00	-6.26E-01	-3.23E-04	2.33E-05	-1.67E-03	0.00E+00	0.00E+00	-7.01E-10	-2.65E-08	-6.75E-04	-1.53E+00	0.00E+00	0.00E+00	-6.30E-01	0.00E+00	-4.44E-01	0.00E+00	-2.25E-09	-8.87E-09	-6.69E-04	-2.12E-10	-2.83E-01	0.00E+00	-4.44E-01	-1.27E-05	-4.44E-01	-3.62E-01	-2.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.95E+01
WH14595200Q	-3.92E-03	-5.80E-02	-6.02E-05	-2.76E-02	0.00E+00	0.00E+00	-6.32E-01	-2.98E-04	2.95E-05	-1.67E-03	0.00E+00	0.00E+00	-7.70E-10	-2.54E-08	-6.85E-04	-1.53E+00	0.00E+00	0.00E+00	-6.20E-01	0.00E+00	-4.50E-01	0.00E+00	-2.35E-09	-8.47E-09	-6.47E-04	-2.12E-10	-2.81E-01	0.00E+00	-4.50E-01	-1.29E-05	-4.50E-01	-3.62E-01	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
WH14595205Q	-3.92E-03	-5.80E-02	-6.02E-05	-2.76E-02	0.00E+00	0.00E+00	-6.32E-01	-2.98E-04	2.95E-05	-1.67E-03	0.00E+00	0.00E+00	-7.70E-10	-2.54E-08	-6.85E-04	-1.53E+00	0.00E+00	0.00E+00	-6.20E-01	0.00E+00	-4.50E-01	0.00E+00	-2.35E-09	-8.47E-09	-6.47E-04	-2.12E-10	-2.81E-01	0.00E+00	-4.50E-01	-1.29E-05	-4.50E-01	-3.62E-01	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
WH14622300Q	-4.65E-03	3.14E-03	3.54E-05	-6.81E-04	0.00E+00	0.00E+00	-6.70E-01	-3.78E-04	-4.99E-05	-2.68E-03	0.00E+00	0.00E+00	-5.12E-10	-4.40E-08	4.04E-05	-6.68E-01	0.00E+00	0.00E+00	-6.81E-01	0.00E+00	-2.33E-02	0.00E+00	3.36E-10	-7.09E-09	-6.09E-04	-2.12E-10	-8.00E-02	0.00E+00	-2.33E-02	-1.55E-05	-2.33E-02	-1.36E-01	-8.00E-02	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
WH14622305Q	-4.65E-03	3.14E-03	3.54E-05	-6.81E-04	0.00E+00	0.00E+00	-6.70E-01	-3.78E-04	-4.99E-05	-2.68E-03	0.00E+00	0.00E+00	-5.12E-10	-4.40E-08	4.04E-05	-6.68E-01	0.00E+00	0.00E+00	-6.81E-01	0.00E+00	-2.33E-02	0.00E+00	3.36E-10	-7.09E-09	-6.09E-04	-2.12E-10	-8.00E-02	0.00E+00	-2.33E-02	-1.55E-05	-2.33E-02	-1.36E-01	-8.00E-02	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
WH14622306Q	-4.65E-03	3.14E-03	3.54E-05	-6.81E-04	0.00E+00	0.00E+00	-6.70E-01	-3.78E-04	-4.99E-05	-2.68E-03	0.00E+00	0.00E+00	-5.12E-10	-4.40E-08	4.04E-05	-6.68E-01	0.00E+00	0.00E+00	-6.81E-01	0.00E+00	-2.33E-02	0.00E+00	3.36E-10	-7.09E-09	-6.09E-04	-2.12E-10	-8.00E-02	0.00E+00	-2.33E-02	-1.55E-05	-2.33E-02	-1.36E-01	-8.00E-02	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
WH14622700Q	-4.65E-03	3.14E-03	3.11E-05	-4.94E-04	0.00E+00	0.00E+00	-6.72E-01	-3.93E-04	-6.63E-05	-2.67E-03	0.00E+00	0.00E+00	-5.25E-10	-4.45E-08	5.24E-05	-6.68E-01	0.00E+00	0.00E+00	-6.97E-01	0.00E+00	-2.33E-02	0.00E+00	3.11E-10	-7.09E-09	-6.12E-04	-2.12E-10	-8.00E-02	0.00E+00	-2.33E-02	-1.55E-05	-2.33E-02	-1.36E-01	-8.00E-02	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
WH14623300Q	-4.43E-03	-2.15E-03	4.13E-05	-1.08E-03	0.00E+00	0.00E+00	-7.50E-01	-3.70E-04	2.33E-05	-2.38E-03	0.00E+00	0.00E+00	-4.82E-10	-3.28E-08	3.25E-05	-6.60E-01	0.00E+00	0.00E+00	-6.73E-01	0.00E+00	-1.12E-02	0.00E+00	2.71E-10	-7.29E-09	-5.25E-04	-2.12E-10	-1.12E-01	0.00E+00	-1.12E-02	-1.58E-05	-1.12E-02	-1.46E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.97E+01
WH14625300Q	-4.54E-03	2.85E-03	5.56E-05	7.36E-04	0.00E+00	0.00E+00	-7.24E-01	-3.69E-04	-3.80E-05	-2.58E-03	0.00E+00	0.00E+00	-5.32E-10	-4.48E-08	1.72E-04	-6.33E-01	0.00E+00	0.00E+00	-6.80E-01	0.00E+00	-2.97E-02	0.00E+00	3.80E-10	-6.98E-09	-5.12E-04	-2.12E-10	-8.05E-02	0.00E+00	-2.97E-02	-1.60E-05	-2.97E-02	-1.30E-01	-8.05E-02	0.00E+00	0.00E+00	0.00E+00	-2.58E+01
WH14625305Q	-4.54E-03	2.85E-03	5.56E-05	7.36E-04	0.00E+00	0.00E+00	-7.24E-01	-3.69E-04	-3.80E-05	-2.58E-03	0.00E+00	0.00E+00	-5.32E-10	-4.48E-08	1.72E-04	-6.33E-01	0.00E+00	0.00E+00	-6.80E-01	0.00E+00	-2.97E-02	0.00E+00	3.80E-10	-6.98E-09	-5.12E-04	-2.12E-10	-8.05E-02	0.00E+00	-2.97E-02	-1.60E-05	-2.97E-02	-1.30E-01	-8.05E-02	0.00E+00	0.00E+00	0.00E+00	-2.58E+01
WH14625700Q	-4.42E-03	-2.93E-03	-7.86E-06	-6.27E-05	0.00E+00	0.00E+00	-7.29E-01	-3.72E-04	-5.69E-05	-2.55E-03	0.00E+00	0.00E+00	-5.23E-10	-4.31E-08	2.16E-04	-6.33E-01	0.00E+00	0.00E+00	-7.16E-01	0.00E+00	-1.77E-02	0.00E+00	3.39E-10	-6.99E-09	-5.29E-04	-2.12E-10	-1.14E-01	0.00E+00	-1.77E-02	-1.57E-05	-1.77E-02	-1.40E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
WH14642300Q	-9.53E-03	1.66E-03	-1.02E-03	2.68E-03	0.00E+00	0.00E+00	-2.16E+00	-9.68E-04	-3.76E-04	-4.86E-03	0.00E+00	0.00E+00	-1.16E-09	-1.13E-07	-3.72E-04	-7.73E-01	0.00E+00	0.00E+00	-1.69E+00	0.00E+00	-4.08E-01	0.00E+00	-8.88E-10	-1.65E-08	-1.41E-03	0.00E+00	-1.59E-01	0.00E+00	-4.08E-01	-2.79E-05	-4.08E-01	-5.68E-01	-1.59E-01	0.00E+00	0.00E+00	0.00E+00	-7.38E+01
WH14642305Q	-5.03E-03	1.72E-02	6.75E-04	4.11E-03	0.00E+00	0.00E+00	-9.49E-01	-4.37E-04	6.67E-05	-2.70E-03	0.00E+00	0.00E+00	-5.66E-10	-4.78E-08	4.64E-05	-6.79E-01	0.00E+00	0.00E+00	-6.39E-01	0.00E+00	-2.93E-02	0.00E+00	4.86E-10	-7.51E-09	-4.99E-04	-2.12E-10	-9.89E-02	0.00E+00	-2.93E-02	-2.09E-05	-2.93E-02	-1.16E-01	-9.89E-02	0.00E+00	0.00E+00	0.00E+00	-2.33E+01
WH14642306Q	-5.03E-03	1.72E-02	6.75E-04	4.11E-03	0.00E+00	0.00E+00	-9.49E-01	-4.37E-04	6.67E-05	-2.70E-03	0.00E+00	0.00E+00	-5.66E-10	-4.78E-08	4.64E-05	-6.79E-01	0.00E+00	0.00E+00	-6.39E-01	0.00E+00	-2.93E-02	0.00E+00	4.86E-10	-7.51E-09	-4.99E-04	-2.12E-10	-9.89E-02	0.00E+00	-2.93E-02	-2.09E-05	-2.93E-02	-1.16E-01	-9.89E-02	0.00E+00	0.00E+00	0.00E+00	-2.33E+01
WH14642700Q	-5.13E-03	1.79E-02	5.09E-04	5.07E-03	0.00E+00	0.00E+00	-8.55E-01	-4.21E-04	5.17E-05	-2.57E-03	0.00E+00	0.00E+00	-5.78E-10	-4.63E-08	1.61E-05	-6.36E-01	0.00E+00	0.00E+00	-6.57E-01	0.00E+00	-2.93E-02	0.00E+00	4.02E-10	-7.33E-09	-5.02E-04	-2.12E-10	-8.91E-02	0.00E+00	-2.93E-02	-2.13E-05	-2.93E-02	-1.22E-01	-8.91E-02	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
WH14914500Q	-3.63E-03	-1.97E-01	2.61E-04	-1.03E-01	0.00E+00	0.00E+00	-9.33E-01	-6.12E-04	-8.89E-06	-1.94E-03	0.00E+00	0.00E+00	-1.09E-09	-5.98E-08	-1.21E-04	-5.65E+00	0.00E+00	0.00E+00	-5.23E-01	0.00E+00	9.65E-01	0.00E+00	-3.04E-10	-1.41E-08	-9.66E-04	-2.12E-10	-7.34E-01	0.00E+00	9.65E-01	-1.74E-05	9.65E-01	-1.54E-01	-7.34E-01	0.00E+00	0.00E+00	0.00E+00	-3.09E+01
WH14916500Q	-4.31E-03	-6.74E-02	1.63E-04	-4.77E-02	0.00E+00	0.00E+00	-9.03E-01	-5.43E-04	2.40E-05	-1.58E-03	0.00E+00	0.00E+00	-9.80E-10	-6.19E-08	-1.75E-03	-1.37E+00	0.00E+00	0.00E+00	-4.81E-01	0.00E+00	-1.90E-01	0.00E+00	5.44E-10	-9.85E-09	-7.24E-04	-2.12E-10	-2.30E-01	0.00E+00	-1.90E-01	-1.44E-05	-1.90E-01	-6.46E-01	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
WH20580300A	-1.76E-04	5.11E-03	2.75E-04	4.83E-03	0.00E+00	0.00E+00	3.78E-02	-2.16E-05	3.69E-06	-5.25E-05	0.00E+00	0.00E+00	-1.18E-11	-2.28E-09	4.63E-04	-5.82E-02	0.00E+00	0.00E+00	2.22E-02	0.00E+00	9.22E-02	0.00E+00	7.44E-10	-5.04E-11	-1.46E-05	0.00E+00	-1.76E-03	0.00E+00	9.22E-02	-6.00E-07	9.22E-02	9.04E-02	-1.76E-03	0.00E+00	0.00E+00	0.00E+00	4.91E-01
WH20580300B	2.56E-04	4.30E-02	1.26E-03	4.18E-02	0.00E+00	0.00E+00	2.43E-01	-9.92E-06	2.02E-04	3.35E-04	0.00E+00	0.00E+00	3.50E-11	1.07E-09	1.61E-03	7.01E-02	0.00E+00	0.00E+00	1.97E-01	0.00E+00	3.67E-01	0.00E+00	3.00E-09	1.39E-09	9.58E-05	0.00E+00	3.63E-02	0.00E+00	3.67E-01	-3.03E-07	3.67E-01	4.03E-01	3.63E-02	0.00E+00	0.00E+00	0.00E+00	7.00E+00
WH20580303A	-2.37E-03	8.18E-03	3.83E-04	8.74E-03	0.00E+00	0.00E+00	-3.84E-01	-1.62E-04	7.17E-05	-6.14E-04	0.00E+00	0.00E+00	-2.63E-10	-1.61E-08	6.09E-04	-4.02E-01	0.00E+00	0.00E+00	-2.00E-01	0.00E+00	-3.18E-02	0.00E+00	1.03E-09	-2.16E-09	-1.66E-04	-2.12E-10	-3.95E-02	0.00E+00	-3.18E-02	-5.46E-06	-3.18E-02	-1.49E-01	-3.95E-02	0.00E+00	0.00E+00	0.00E+00	-6.12E+00
WH20580303B	-2.33E-03	9.14E-03	3.78E-04	9.48E-03	0.00E+00	0.00E+00	-4.33E-01	-1.65E-04	5.48E-05	-9.98E-04	0.00E+00	0.00E+00	-3.36E-10	-2.01E-08	7.94E-04	-4.44E-01	0.00E+00	0.00E+00	-3.28E-01	0.00E+00	-2.76E-02	0.00E+00	1.13E-09	-3.55E-09	-3.52E-04	-2.12E-10	-5.39E-02	0.00E+00	-2.76E-02	-6.84E-06	-2.76E-02	-1.34E-01	-5.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
WH20580304A	-2.64E-03	7.54E-03	2.93E-04	6.16E-03	0.00E+00	0.00E+00	-5.49E-01	-1.97E-04	1.11E-05	-8.83E-04	0.00E+00	0.00E+00	-4.06E-10	-1.97E-08	1.02E-03	-5.11E-01	0.00E+00	0.00E+00	-3.49E-01	0.00E+00	-5.11E-02	0.00E+00	1.02E-09	-3.73E-09	-3.78E-04	-2.12E-10	-6.21E-02	0.00E+00	-5.11E-02	-7.60E-06	-5.11E-02	-1.45E-01	-6.21E-02	0.00E+00	0.00E+00	0.00E+00	-1.56E+01
WH20580304B	-2.33E-03	9.14E-03	3.78E-04	9.48E-03	0.00E+00	0.00E+00	-4.33E-01	-1.65E-04	5.48E-05	-9.98E-04	0.00E+00	0.00E+00	-3.36E-10	-2.01E-08	7.94E-04	-4.44E-01	0.00E+00	0.00E+00	-3.28E-01	0.00E+00	-2.76E-02	0.00E+00	1.13E-09	-3.55E-09	-3.52E-04	-2.12E-10	-5.39E-02	0.00E+00	-2.76E-02	-6.84E-06	-2.76E-02	-1.34E-01	-5.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
WH20580305A	2.51E-04	5.43E-03	5.94E-04	4.83E-03	0.00E+00	0.00E+00	9.05E-02	-1.48E-06	1.86E-04	6.50E-05	0.00E+00	0.00E+00	-2.70E-11	1.85E-09	5.13E-04	-2.33E-02	0.00E+00	0.00E+00	7.28E-02	0.00E+00	9.96E-02	0.00E+00	9.83E-10	2.94E-10	1.99E-05	0.00E+00	5.89E-03	0.00E+00	9.96E-02	-6.52E-08	9.96E-02	1.05E-01	5.89E-03	0.00E+00	0.00E+00	0.00E+00	2.61E+00
WH20580305B	-2.33E-03	9.14E-03	3.78E-04	9.48E-03	0.00E+00	0.00E+00	-4.33E-01	-1.65E-04	5.48E-05	-9.98E-04	0.00E+00	0.00E+00	-3.36E-10	-2.01E-08	7.94E-04	-4.44E-01	0.00E+00	0.00E+00	-3.28E-01	0.00E+00	-2.76E-02	0.00E+00	1.13E-09	-3.55E-09	-3.52E-04	-2.12E-10	-5.39E-02	0.00E+00	-2.76E-02	-6.84E-06	-2.76E-02	-1.34E-01	-5.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
WH20580306A	-2.45E-03	5.69E-03	2.10E-04	9.15E-03	0.00E+00	0.00E+00	-5.09E-01	-1.98E-04	4.31E-07	-8.87E-04	0.00E+00	0.00E+00	-3.77E-10	-2.33E-08	6.43E-04	-4.36E-01	0.00E+00	0.00E+00	-3.77E-01	0.00E+00	-4.35E-02	0.00E+00	1.02E-09	-3.90E-09	-4.51E-04	-2.12E-10	-6.34E-02	0.00E+00	-4.35E-02	-7.41E-06	-4.35E-02	-1.46E-01	-6.34E-02	0.00E+00	0.00E+00	0.00E+00	-1.63E+01
WH20580306B	-2.33E-03	9.14E-03	3.78E-04	9.48E-03	0.00E+00	0.00E+00	-4.33E-01	-1.65E-04	5.48E-05	-9.98E-04	0.00E+00	0.00E+00	-3.36E-10	-2.01E-08	7.94E-04	-4.44E-01	0.00E+00	0.00E+00	-3.28E-01	0.00E+00	-2.76E-02	0.00E+00	1.13E-09	-3.55E-09	-3.52E-04	-2.12E-10	-5.39E-02	0.00E+00	-2.76E-02	-6.84E-06	-2.76E-02	-1.34E-01	-5.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
WH20580307A	-2.37E-03	8.18E-03	3.83E-04	8.74E-03	0.00E+00	0.00E+00	-3.84E-01	-1.62E-04	7.17E-05	-6.14E-04	0.00E+00	0.00E+00	-2.63E-10	-1.61E-08	6.09E-04	-4.02E-01	0.00E+00	0.00E+00	-2.00E-01	0.00E+00	-3.18E-02	0.00E+00	1.03E-09	-2.16E-09	-1.66E-04	-2.12E-10	-3.95E-02	0.00E+00	-3.18E-02	-5.46E-06	-3.18E-02	-1.49E-01	-3.95E-02	0.00E+00	0.00E+00	0.00E+00	-6.12E+00
WH20580307B	-2.33E-03	9.14E-03	3.78E-04	9.48E-03	0.00E+00	0.00E+00	-4.33E-01	-1.65E-04	5.48E-05	-9.98E-04	0.00E+00	0.00E+00	-3.36E-10	-2.01E-08	7.94E-04	-4.44E-01	0.00E+00	0.00E+00	-3.28E-01	0.00E+00	-2.76E-02	0.00E+00	1.13E-09	-3.55E-09	-3.52E-04	-2.12E-10	-5.39E-02	0.00E+00	-2.76E-02	-6.84E-06	-2.76E-02	-1.34E-01	-5.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
WH20580309A	-2.37E-03	8.18E-03	3.83E-04	8.74E-03	0.00E+00	0.00E+00	-3.84E-01	-1.62E-04	7.17E-05	-6.14E-04	0.00E+00	0.00E+00	-2.63E-10	-1.61E-08	6.09E-04	-4.02E-01	0.00E+00	0.00E+00	-2.00E-01	0.00E+00	-3.18E-02	0.00E+00	1.03E-09	-2.16E-09	-1.66E-04	-2.12E-10	-3.95E-02	0.00E+00	-3.18E-02	-5.46E-06	-3.18E-02	-1.49E-01	-3.95E-02	0.00E+00	0.00E+00	0.00E+00	-6.12E+00
WH20583300B	-2.91E-03	4.49E-03	3.34E-04	-1.85E-03	0.00E+00	0.00E+00	-4.73E-01	-1.64E-04	2.88E-05	-8.79E-04	0.00E+00	0.00E+00	-3.41E-10	-2.04E-08	7.08E-04	-4.81E-01	0.00E+00	0.00E+00	-3.33E-01	0.00E+00	-3.48E-02	0.00E+00	8.30E-10	-3.71E-09	-3.33E-04	-2.12E-10	-6.03E-02	0.00E+00	-3.48E-02	-6.58E-06	-3.48E-02	-1.58E-01	-6.03E-02	0.00E+00	0.00E+00	0.00E+00	-1.78E+01
WH20583303B	-2.68E-03	7.33E-03	3.28E-04	7.60E-03	0.00E+00	0.00E+00	-4.62E-01	-1.75E-04	3.59E-05	-8.74E-04	0.00E+00	0.00E+00	-3.33E-10	-1.93E-08	5.27E-04	-4.47E-01	0.00E+00	0.00E+00	-3.80E-01	0.00E+00	-4.34E-02	0.00E+00	8.80E-10	-3.70E-09	-3.49E-04	-2.12E-10	-5.54E-02	0.00E+00	-4.34E-02	-7.02E-06	-4.34E-02	-1.57E-01	-5.54E-02	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
WH20583306A	-3.87E-03	-4.95E-02	1.98E-04	-4.07E-02	0.00E+00	0.00E+00	-7.49E-01	-4.95E-04	-9.53E-06	-1.65E-03	0.00E+00	0.00E+00	-5.40E-10	-5.48E-08	-1.55E-04	-1.65E+00	0.00E+00	0.00E+00	-5.02E-01	0.00E+00	-1.69E-01	0.00E+00	3.15E-10	-7.89E-09	-6.07E-04	-2.12E-10	-2.27E-01	0.00E+00	-1.69E-01	-1.11E-05	-1.69E-01	-7.88E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.33E+01
WH20583306B	-3.46E-03	-5.17E-02	1.88E-04	-4.40E-02	0.00E+00	0.00E+00	-7.54E-01	-4.82E-04	-9.01E-06	-1.66E-03	0.00E+00	0.00E+00	-5.31E-10	-5.43E-08	-5.89E-04	-1.64E+00	0.00E+00	0.00E+00	-4.96E-01	0.00E+00	-1.63E-01	0.00E+00	2.67E-10	-7.88E-09	-6.01E-04	-2.12E-10	-2.33E-01	0.00E+00	-1.63E-01	-1.13E-05	-1.63E-01	-7.88E-01	-2.33E-01	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
WH20585300A	2.20E-04	3.53E-02	8.76E-04	3.44E-02	0.00E+00	0.00E+00	1.27E-01	-1.02E-05	1.96E-04	2.60E-04	0.00E+00	0.00E+00	1.57E-11	8.26E-10	9.95E-04	5.36E-02	0.00E+00	0.00E+00	1.20E-01	0.00E+00	2.42E-01	0.00E+00	2.07E-09	9.84E-10	7.50E-05	0.00E+00	2.38E-02	0.00E+00	2.42E-01	-3.32E-07	2.42E-01	2.66E-01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	4.27E+00
WH20585300B	-2.66E-03	-8.30E-03	6.77E-06	-8.30E-03	0.00E+00	0.00E+00	-5.07E-01	-2.72E-04	-1.02E-04	-1.41E-03	0.00E+00	0.00E+00	-3.10E-10	-3.14E-08	3.57E-04	-3.46E-01	0.00E+00	0.00E+00	-4.08E-01	0.00E+00	-1.85E-02	0.00E+00	3.62E-10	-4.45E-09	-4.01E-04	-2.12E-10	-5.48E-02	0.00E+00	-1.85E-02	-7.81E-06	-1.85E-02	-7.33E-02	-5.48E-02	0.00E+00	0.00E+00	0.00E+00	-1.83E+01
WH20585303A	-2.41E-03	8.57E-03	4.17E-04	1.37E-02	0.00E+00	0.00E+00	-3.92E-01	-1.55E-04	6.38E-05	-5.68E-04	0.00E+00	0.00E+00	-2.54E-10	-1.66E-08	6.30E-04	-4.41E-01	0.00E+00	0.00E+00	-2.23E-01	0.00E+00	-2.49E-02	0.00E+00	1.05E-09	-2.13E-09	-1.77E-04	-2.12E-10	-4.80E-02	0.00E+00	-2.49E-02	-5.64E-06	-2.49E-02	-1.46E-01	-4.80E-02	0.00E+00	0.00E+00	0.00E+00	-6.25E+00
WH20585303B	-2.30E-03	9.65E-03	4.61E-04	1.24E-02	0.00E+00	0.00E+00	-4.47E-01	-1.39E-04	5.52E-05	-8.03E-04	0.00E+00	0.00E+00	-3.15E-10	-1.88E-08	8.02E-04	-5.05E-01	0.00E+00	0.00E+00	-3.03E-01	0.00E+00	-2.07E-02	0.00E+00	1.22E-09	-3.46E-09	-3.27E-04	-2.12E-10	-6.83E-02	0.00E+00	-2.07E-02	-6.89E-06	-2.07E-02	-1.31E-01	-6.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.40E+01
WH20585304A	-2.41E-03	8.57E-03	4.17E-04	1.37E-02	0.00E+00	0.00E+00	-3.92E-01	-1.55E-04	6.38E-05	-5.68E-04	0.00E+00	0.00E+00	-2.54E-10	-1.66E-08	6.30E-04	-4.41E-01	0.00E+00	0.00E+00	-2.23E-01	0.00E+00	-2.49E-02	0.00E+00	1.05E-09	-2.13E-09	-1.77E-04	-2.12E-10	-4.80E-02	0.00E+00	-2.49E-02	-5.64E-06	-2.49E-02	-1.46E-01	-4.80E-02	0.00E+00	0.00E+00	0.00E+00	-6.25E+00
WH20585305A	-2.41E-03	8.57E-03	4.17E-04	1.37E-02	0.00E+00	0.00E+00	-3.92E-01	-1.55E-04	6.38E-05	-5.68E-04	0.00E+00	0.00E+00	-2.54E-10	-1.66E-08	6.30E-04	-4.41E-01	0.00E+00	0.00E+00	-2.23E-01	0.00E+00	-2.49E-02	0.00E+00	1.05E-09	-2.13E-09	-1.77E-04	-2.12E-10	-4.80E-02	0.00E+00	-2.49E-02	-5.64E-06	-2.49E-02	-1.46E-01	-4.80E-02	0.00E+00	0.00E+00	0.00E+00	-6.25E+00

WH20585305B	-2.30E-03	9.65E-03	4.61E-04	1.24E-02	0.00E+00	0.00E+00	-4.47E-01	-1.39E-04	5.52E-05	-8.03E-04	0.00E+00	0.00E+00	-3.15E-10	-1.88E-08	8.02E-04	-5.05E-01	0.00E+00	0.00E+00	-3.03E-01	0.00E+00	-2.07E-02	0.00E+00	1.22E-09	-3.46E-09	-3.27E-04	-2.12E-10	-6.83E-02	0.00E+00	-2.07E-02	-6.89E-06	-2.07E-02	-1.31E-01	-6.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.40E+01
WH20585306A	-2.40E-03	8.28E-03	2.88E-04	1.46E-02	0.00E+00	0.00E+00	-5.03E-01	-1.46E-04	1.68E-05	-6.21E-04	0.00E+00	0.00E+00	-3.77E-10	-1.86E-08	1.04E-03	-5.10E-01	0.00E+00	0.00E+00	-2.67E-01	0.00E+00	-4.12E-02	0.00E+00	1.03E-09	-3.47E-09	-3.09E-04	-2.12E-10	-7.58E-02	0.00E+00	-4.12E-02	-7.42E-06	-4.12E-02	-1.43E-01	-7.58E-02	0.00E+00	0.00E+00	0.00E+00	-1.57E+01
WH20585306B	-2.30E-03	9.65E-03	4.61E-04	1.24E-02	0.00E+00	0.00E+00	-4.47E-01	-1.39E-04	5.52E-05	-8.03E-04	0.00E+00	0.00E+00	-3.15E-10	-1.88E-08	8.02E-04	-5.05E-01	0.00E+00	0.00E+00	-3.03E-01	0.00E+00	-2.07E-02	0.00E+00	1.22E-09	-3.46E-09	-3.27E-04	-2.12E-10	-6.83E-02	0.00E+00	-2.07E-02	-6.89E-06	-2.07E-02	-1.31E-01	-6.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.40E+01
WH20585307A	-2.41E-03	8.57E-03	4.17E-04	1.37E-02	0.00E+00	0.00E+00	-3.92E-01	-1.55E-04	6.38E-05	-5.68E-04	0.00E+00	0.00E+00	-2.54E-10	-1.66E-08	6.30E-04	-4.41E-01	0.00E+00	0.00E+00	-2.23E-01	0.00E+00	-2.49E-02	0.00E+00	1.05E-09	-2.13E-09	-1.77E-04	-2.12E-10	-4.80E-02	0.00E+00	-2.49E-02	-5.64E-06	-2.49E-02	-1.46E-01	-4.80E-02	0.00E+00	0.00E+00	0.00E+00	-6.25E+00
WH20585307B	-2.30E-03	9.65E-03	4.61E-04	1.24E-02	0.00E+00	0.00E+00	-4.47E-01	-1.39E-04	5.52E-05	-8.03E-04	0.00E+00	0.00E+00	-3.15E-10	-1.88E-08	8.02E-04	-5.05E-01	0.00E+00	0.00E+00	-3.03E-01	0.00E+00	-2.07E-02	0.00E+00	1.22E-09	-3.46E-09	-3.27E-04	-2.12E-10	-6.83E-02	0.00E+00	-2.07E-02	-6.89E-06	-2.07E-02	-1.31E-01	-6.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.40E+01
WH20585309A	-2.41E-03	8.57E-03	4.17E-04	1.37E-02	0.00E+00	0.00E+00	-3.92E-01	-1.55E-04	6.38E-05	-5.68E-04	0.00E+00	0.00E+00	-2.54E-10	-1.66E-08	6.30E-04	-4.41E-01	0.00E+00	0.00E+00	-2.23E-01	0.00E+00	-2.49E-02	0.00E+00	1.05E-09	-2.13E-09	-1.77E-04	-2.12E-10	-4.80E-02	0.00E+00	-2.49E-02	-5.64E-06	-2.49E-02	-1.46E-01	-4.80E-02	0.00E+00	0.00E+00	0.00E+00	-6.25E+00
WH20585400A	-2.83E-03	-4.50E-02	-1.80E-04	-3.67E-02	0.00E+00	0.00E+00	-5.44E-01	-1.87E-04	-2.10E-05	-1.31E-03	0.00E+00	0.00E+00	-6.76E-10	-2.59E-08	-7.53E-04	-6.96E-01	0.00E+00	0.00E+00	-5.57E-01	0.00E+00	-4.62E-01	0.00E+00	-2.10E-09	-8.11E-09	-4.69E-04	-2.12E-10	-1.27E-01	0.00E+00	-4.62E-01	-9.69E-06	-4.62E-01	-5.54E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
WH20585400B	-3.93E-03	-4.95E-02	-2.06E-04	-3.35E-02	0.00E+00	0.00E+00	-6.96E-01	-2.95E-04	-5.12E-05	-1.62E-03	0.00E+00	0.00E+00	-7.65E-10	-3.04E-08	-7.59E-04	-9.11E-01	0.00E+00	0.00E+00	-8.06E-01	0.00E+00	-4.63E-01	0.00E+00	-1.85E-09	-9.66E-09	-6.33E-04	-2.12E-10	-1.72E-01	0.00E+00	-4.63E-01	-1.08E-05	-4.63E-01	-5.41E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-3.13E+01
WH20585403A	-2.72E-03	-4.35E-02	-5.92E-05	-3.12E-02	0.00E+00	0.00E+00	-5.40E-01	-1.82E-04	1.48E-06	-1.06E-03	0.00E+00	0.00E+00	-6.46E-10	-2.41E-08	-7.29E-04	-7.08E-01	0.00E+00	0.00E+00	-5.27E-01	0.00E+00	-4.46E-01	0.00E+00	-1.97E-09	-7.84E-09	-4.52E-04	-2.12E-10	-1.30E-01	0.00E+00	-4.46E-01	-9.52E-06	-4.46E-01	-5.46E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
WH20585404A	-2.72E-03	-4.35E-02	-5.92E-05	-3.12E-02	0.00E+00	0.00E+00	-5.40E-01	-1.82E-04	1.48E-06	-1.06E-03	0.00E+00	0.00E+00	-6.46E-10	-2.41E-08	-7.29E-04	-7.08E-01	0.00E+00	0.00E+00	-5.27E-01	0.00E+00	-4.46E-01	0.00E+00	-1.97E-09	-7.84E-09	-4.52E-04	-2.12E-10	-1.30E-01	0.00E+00	-4.46E-01	-9.52E-06	-4.46E-01	-5.46E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
WH20585404B	-2.94E-03	-4.24E-02	6.33E-05	-2.78E-02	0.00E+00	0.00E+00	-4.43E-01	-1.87E-04	4.97E-05	-7.55E-04	0.00E+00	0.00E+00	-5.09E-10	-1.96E-08	-3.24E-04	-5.43E-01	0.00E+00	0.00E+00	-3.54E-01	0.00E+00	-4.32E-01	0.00E+00	-1.97E-09	-5.71E-09	-2.90E-04	-2.12E-10	-8.92E-02	0.00E+00	-4.32E-01	-7.38E-06	-4.32E-01	-5.15E-01	-8.92E-02	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
WH20585405A	-2.72E-03	-4.35E-02	-5.92E-05	-3.12E-02	0.00E+00	0.00E+00	-5.40E-01	-1.82E-04	1.48E-06	-1.06E-03	0.00E+00	0.00E+00	-6.46E-10	-2.41E-08	-7.29E-04	-7.08E-01	0.00E+00	0.00E+00	-5.27E-01	0.00E+00	-4.46E-01	0.00E+00	-1.97E-09	-7.84E-09	-4.52E-04	-2.12E-10	-1.30E-01	0.00E+00	-4.46E-01	-9.52E-06	-4.46E-01	-5.46E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
WH20585405B	-2.94E-03	-4.24E-02	6.33E-05	-2.78E-02	0.00E+00	0.00E+00	-4.43E-01	-1.87E-04	4.97E-05	-7.55E-04	0.00E+00	0.00E+00	-5.09E-10	-1.96E-08	-3.24E-04	-5.43E-01	0.00E+00	0.00E+00	-3.54E-01	0.00E+00	-4.32E-01	0.00E+00	-1.97E-09	-5.71E-09	-2.90E-04	-2.12E-10	-8.92E-02	0.00E+00	-4.32E-01	-7.38E-06	-4.32E-01	-5.15E-01	-8.92E-02	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
WH20588300B	-2.77E-03	8.75E-03	3.84E-04	8.89E-03	0.00E+00	0.00E+00	-4.68E-01	-1.65E-04	4.16E-05	-8.48E-04	0.00E+00	0.00E+00	-3.28E-10	-1.89E-08	6.41E-04	-5.31E-01	0.00E+00	0.00E+00	-3.60E-01	0.00E+00	-4.09E-02	0.00E+00	8.24E-10	-3.65E-09	-3.30E-04	-2.12E-10	-6.86E-02	0.00E+00	-4.09E-02	-6.88E-06	-4.09E-02	-1.57E-01	-6.86E-02	0.00E+00	0.00E+00	0.00E+00	-1.71E+01
WH20588303B	-2.75E-03	7.71E-03	3.55E-04	1.15E-02	0.00E+00	0.00E+00	-4.81E-01	-1.65E-04	2.46E-05	-7.75E-04	0.00E+00	0.00E+00	-3.33E-10	-1.97E-08	5.54E-04	-5.25E-01	0.00E+00	0.00E+00	-4.02E-01	0.00E+00	-3.65E-02	0.00E+00	8.98E-10	-3.64E-09	-3.56E-04	-2.12E-10	-6.73E-02	0.00E+00	-3.65E-02	-7.34E-06	-3.65E-02	-1.54E-01	-6.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
WH20588305B	-2.75E-03	7.71E-03	3.55E-04	1.15E-02	0.00E+00	0.00E+00	-4.81E-01	-1.65E-04	2.46E-05	-7.75E-04	0.00E+00	0.00E+00	-3.33E-10	-1.97E-08	5.54E-04	-5.25E-01	0.00E+00	0.00E+00	-4.02E-01	0.00E+00	-3.65E-02	0.00E+00	8.98E-10	-3.64E-09	-3.56E-04	-2.12E-10	-6.73E-02	0.00E+00	-3.65E-02	-7.34E-06	-3.65E-02	-1.54E-01	-6.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
WH20588306B	-3.45E-03	-5.21E-02	2.48E-04	-4.00E-02	0.00E+00	0.00E+00	-7.57E-01	-4.75E-04	-9.79E-06	-1.49E-03	0.00E+00	0.00E+00	-5.29E-10	-5.37E-08	-5.62E-04	-1.74E+00	0.00E+00	0.00E+00	-4.91E-01	0.00E+00	-1.63E-01	0.00E+00	2.76E-10	-7.90E-09	-5.97E-04	-2.12E-10	-2.37E-01	0.00E+00	-1.63E-01	-1.12E-05	-1.63E-01	-7.88E-01	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
WH20592200A	-6.78E-03	-1.01E-01	-1.75E-03	-9.89E-02	0.00E+00	0.00E+00	-1.19E+00	-4.17E-04	-2.41E-04	-3.04E-03	0.00E+00	0.00E+00	-1.07E-09	-4.86E-08	-2.06E-03	-5.83E-01	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	-1.03E+00	0.00E+00	-4.91E-09	-1.32E-08	-9.84E-04	0.00E+00	-1.43E-01	0.00E+00	-1.03E+00	-1.68E-05	-1.03E+00	-1.17E+00	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-4.98E+01
WH20592200B	-3.16E-03	-4.96E-02	-7.92E-05	-3.84E-02	0.00E+00	0.00E+00	-5.45E-01	-2.22E-04	1.77E-05	-1.06E-03	0.00E+00	0.00E+00	-5.79E-10	-2.32E-08	-6.33E-04	-5.58E-01	0.00E+00	0.00E+00	-3.96E-01	0.00E+00	-4.82E-01	0.00E+00	-2.41E-09	-6.64E-09	-3.35E-04	-2.12E-10	-9.66E-02	0.00E+00	-4.82E-01	-7.98E-06	-4.82E-01	-5.49E-01	-9.66E-02	0.00E+00	0.00E+00	0.00E+00	-1.54E+01
WH20592203A	-2.92E-03	-5.00E-02	-6.52E-05	-3.66E-02	0.00E+00	0.00E+00	-4.84E-01	-2.25E-04	3.40E-05	-9.74E-04	0.00E+00	0.00E+00	-5.41E-10	-2.05E-08	-6.85E-04	-5.00E-01	0.00E+00	0.00E+00	-3.86E-01	0.00E+00	-4.84E-01	0.00E+00	-2.17E-09	-6.20E-09	-3.01E-04	-2.12E-10	-9.05E-02	0.00E+00	-4.84E-01	-8.02E-06	-4.84E-01	-5.57E-01	-9.05E-02	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
WH20592204A	-2.92E-03	-5.00E-02	-4.95E-05	-3.62E-02	0.00E+00	0.00E+00	-4.48E-01	-2.02E-04	4.18E-05	-7.72E-04	0.00E+00	0.00E+00	-5.27E-10	-1.90E-08	-5.89E-04	-4.83E-01	0.00E+00	0.00E+00	-3.53E-01	0.00E+00	-4.84E-01	0.00E+00	-2.10E-09	-6.09E-09	-2.75E-04	-2.12E-10	-8.47E-02	0.00E+00	-4.84E-01	-7.71E-06	-4.84E-01	-5.57E-01	-8.47E-02	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
WH20592204B	-3.00E-03	-4.99E-02	-5.17E-05	-3.62E-02	0.00E+00	0.00E+00	-4.55E-01	-2.07E-04	4.39E-05	-8.15E-04	0.00E+00	0.00E+00	-5.54E-10	-1.91E-08	-4.94E-04	-4.81E-01	0.00E+00	0.00E+00	-3.59E-01	0.00E+00	-4.84E-01	0.00E+00	-2.10E-09	-6.28E-09	-2.89E-04	-2.12E-10	-8.26E-02	0.00E+00	-4.84E-01	-7.91E-06	-4.84E-01	-5.57E-01	-8.26E-02	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
WH20592205A	-2.92E-03	-5.00E-02	-6.52E-05	-3.66E-02	0.00E+00	0.00E+00	-4.84E-01	-2.25E-04	3.40E-05	-9.74E-04	0.00E+00	0.00E+00	-5.41E-10	-2.05E-08	-6.85E-04	-5.00E-01	0.00E+00	0.00E+00	-3.86E-01	0.00E+00	-4.84E-01	0.00E+00	-2.17E-09	-6.20E-09	-3.01E-04	-2.12E-10	-9.05E-02	0.00E+00	-4.84E-01	-8.02E-06	-4.84E-01	-5.57E-01	-9.05E-02	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
WH20592207A	-2.92E-03	-5.00E-02	-6.52E-05	-3.66E-02	0.00E+00	0.00E+00	-4.84E-01	-2.25E-04	3.40E-05	-9.74E-04	0.00E+00	0.00E+00	-5.41E-10	-2.05E-08	-6.85E-04	-5.00E-01	0.00E+00	0.00E+00	-3.86E-01	0.00E+00	-4.84E-01	0.00E+00	-2.17E-09	-6.20E-09	-3.01E-04	-2.12E-10	-9.05E-02	0.00E+00	-4.84E-01	-8.02E-06	-4.84E-01	-5.57E-01	-9.05E-02	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
WH20592209A	-2.92E-03	-5.00E-02	-6.52E-05	-3.66E-02	0.00E+00	0.00E+00	-4.84E-01	-2.25E-04	3.40E-05	-9.74E-04	0.00E+00	0.00E+00	-5.41E-10	-2.05E-08	-6.85E-04	-5.00E-01	0.00E+00	0.00E+00	-3.86E-01	0.00E+00	-4.84E-01	0.00E+00	-2.17E-09	-6.20E-09	-3.01E-04	-2.12E-10	-9.05E-02	0.00E+00	-4.84E-01	-8.02E-06	-4.84E-01	-5.57E-01	-9.05E-02	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
WH20592209B	-3.00E-03	-4.99E-02	-6.74E-05	-3.66E-02	0.00E+00	0.00E+00	-4.90E-01	-2.30E-04	3.61E-05	-9.72E-04	0.00E+00	0.00E+00	-5.66E-10	-2.06E-08	-5.85E-04	-4.98E-01	0.00E+00	0.00E+00	-3.89E-01	0.00E+00	-4.84E-01	0.00E+00	-2.17E-09	-6.39E-09	-3.15E-04	-2.12E-10	-8.86E-02	0.00E+00	-4.84E-01	-8.14E-06	-4.84E-01	-5.57E-01	-8.86E-02	0.00E+00	0.00E+00	0.00E+00	-1.37E+01
WH20593200A	-6.71E-03	-5.94E-02	-1.48E-03	-5.79E-02	0.00E+00	0.00E+00	-1.65E+00	-6.67E-04	-3.00E-04	-3.83E-03	0.00E+00	0.00E+00	-8.78E-10	-7.79E-08	-1.52E-03	-8.73E-01	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	-6.08E-01	0.00E+00	-3.18E-09	-1.31E-08	-1.10E-03	0.00E+00	-1.77E-01	0.00E+00	-6.08E-01	-1.94E-05	-6.08E-01	-7.86E-01	-1.77E-01	0.00E+00	0.00E+00	0.00E+00	-5.62E+01
WH20593203A	-4.72E-03	-8.83E-02	1.67E-04	-5.18E-02	0.00E+00	0.00E+00	-9.84E-01	-6.22E-04	-6.26E-05	-1.80E-03	0.00E+00	0.00E+00	-6.20E-10	-6.94E-08	1.32E-03	-2.84E+00	0.00E+00	0.00E+00	-5.14E-01	0.00E+00	-1.07E-01	0.00E+00	1.33E-09	-1.03E-08	-8.05E-04	-2.12E-10	-4.53E-01	0.00E+00	-1.07E-01	-1.37E-05	-1.07E-01	-6.43E-01	-4.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.12E+01
WH20593204A	-4.72E-03	-8.83E-02	1.67E-04	-5.16E-02	0.00E+00	0.00E+00	-9.81E-01	-6.22E-04	-5.62E-05	-1.79E-03	0.00E+00	0.00E+00	-6.20E-10	-6.94E-08	1.35E-03	-2.89E+00	0.00E+00	0.00E+00	-5.10E-01	0.00E+00	-1.07E-01	0.00E+00	1.35E-09	-1.03E-08	-8.05E-04	-2.12E-10	-4.53E-01	0.00E+00	-1.07E-01	-1.37E-05	-1.07E-01	-6.43E-01	-4.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.12E+01
WH20593205A	-4.72E-03	-8.83E-02	1.67E-04	-5.18E-02	0.00E+00	0.00E+00	-9.84E-01	-6.22E-04	-6.26E-05	-1.80E-03	0.00E+00	0.00E+00	-6.20E-10	-6.94E-08	1.32E-03	-2.84E+00	0.00E+00	0.00E+00	-5.14E-01	0.00E+00	-1.07E-01	0.00E+00	1.33E-09	-1.03E-08	-8.05E-04	-2.12E-10	-4.53E-01	0.00E+00	-1.07E-01	-1.37E-05	-1.07E-01	-6.43E-01	-4.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.12E+01
WH20593205B	-4.67E-03	-9.08E-02	1.81E-04	-5.18E-02	0.00E+00	0.00E+00	-9.78E-01	-6.21E-04	-6.26E-05	-1.81E-03	0.00E+00	0.00E+00	-6.23E-10	-6.94E-08	1.39E-03	-2.74E+00	0.00E+00	0.00E+00	-5.12E-01	0.00E+00	-1.01E-01	0.00E+00	1.35E-09	-1.03E-08	-8.11E-04	-2.12E-10	-4.50E-01	0.00E+00	-1.01E-01	-1.38E-05	-1.01E-01	-6.43E-01	-4.50E-01	0.00E+00	0.00E+00	0.00E+00	-3.12E+01
WH20593207B	-4.67E-03	-9.08E-02	1.81E-04	-5.18E-02	0.00E+00	0.00E+00	-9.78E-01	-6.21E-04	-6.26E-05	-1.81E-03	0.00E+00	0.00E+00	-6.23E-10	-6.94E-08	1.39E-03	-2.74E+00	0.00E+00	0.00E+00	-5.12E-01	0.00E+00	-1.01E-01	0.00E+00	1.35E-09	-1.03E-08	-8.11E-04	-2.12E-10	-4.50E-01	0.00E+00	-1.01E-01	-1.38E-05	-1.01E-01	-6.43E-01	-4.50E-01	0.00E+00	0.00E+00	0.00E+00	-3.12E+01
WH20593209B	-4.67E-03	-9.08E-02	1.81E-04	-5.18E-02	0.00E+00	0.00E+00	-9.78E-01	-6.21E-04	-6.26E-05	-1.81E-03	0.00E+00	0.00E+00	-6.23E-10	-6.94E-08	1.39E-03	-2.74E+00	0.00E+00	0.00E+00	-5.12E-01	0.00E+00	-1.01E-01	0.00E+00	1.35E-09	-1.03E-08	-8.11E-04	-2.12E-10	-4.50E-01	0.00E+00	-1.01E-01	-1.38E-05	-1.01E-01	-6.43E-01	-4.50E-01	0.00E+00	0.00E+00	0.00E+00	-3.12E+01
WH20595200A	-3.37E-03	-8.77E-02	-1.21E-03	-8.65E-02	0.00E+00	0.00E+00	-9.24E-01	-3.28E-04	-1.32E-04	-2.41E-03	0.00E+00	0.00E+00	-9.37E-10	-3.76E-08	-1.49E-03	-4.59E-01	0.00E+00	0.00E+00	-9.58E-01	0.00E+00	-8.68E-01	0.00E+00	-3.92E-09	-1.09E-08	-8.02E-04	0.00E+00	-1.15E-01	0.00E+00	-8.68E-01	-1.22E-05	-8.68E-01	-9.83E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-4.06E+01
WH20595200B	-4.04E-03	-5.58E-02	-2.51E-04	-4.10E-02	0.00E+00	0.00E+00	-7.22E-01	-3.14E-04	-5.28E-05	-1.68E-03	0.00E+00	0.00E+00	-8.18E-10	-3.05E-08	-1.04E-03	-7.47E-01	0.00E+00	0.00E+00	-8.44E-01	0.00E+00	-5.10E-01	0.00E+00	-2.13E-09	-9.71E-09	-6.13E-04	-2.12E-10	-1.37E-01	0.00E+00	-5.10E-01	-1.17E-05	-5.10E-01	-5.83E-01	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
WH20595203A	-2.96E-03	-4.86E-02	-1.73E-05	-3.47E-02	0.00E+00	0.00E+00	-4.82E-01	-2.25E-04	3.83E-05	-9.09E-04	0.00E+00	0.00E+00	-5.29E-10	-2.08E-08	-6.76E-04	-4.94E-01	0.00E+00	0.00E+00	-3.96E-01	0.00E+00	-4.79E-01	0.00E+00	-2.03E-09	-6.10E-09	-3.01E-04	-2.12E-10	-9.49E-02	0.00E+00	-4.79E-01	-8.11E-06	-4.79E-01	-5.57E-01	-9.49E-02	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
WH20595203B	-3.04E-03	-4.85E-02	-1.71E-05	-3.47E-02	0.00E+00	0.00E+00	-4.95E-01	-2.27E-04	4.04E-05	-9.18E-04	0.00E+00	0.00E+00	-5.56E-10	-2.06E-08	-5.84E-04	-4.92E-01	0.00E+00	0.00E+00	-4.01E-01	0.00E+00	-4.79E-01	0.00E+00	-2.03E-09	-6.28E-09	-3.15E-04	-2.12E-10	-9.30E-02	0.00E+00	-4.79E-01	-8.26E-06	-4.79E-01	-5.57E-01	-9.30E-02	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
WH20595204A	-2.96E-03	-4.86E-02	-1.73E-05	-3.47E-02	0.00E+00	0.00E+00	-4.82E-01	-2.25E-04	3.83E-05	-9.09E-04	0.00E+00	0.00E+00	-5.29E-10	-2.08E-08	-6.76E-04	-4.94E-01	0.00E+00	0.00E+00	-3.96E-01	0.00E+00	-4.79E-01	0.00E+00	-2.03E-09	-6.10E-09	-3.01E-04	-2.12E-10	-9.49E-02	0.00E+00	-4.79E-01	-8.11E-06	-4.79E-01	-5.57E-01	-9.49E-02	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
WH20595205A	-3.65E-03	-5.43E-02	-1.15E-04	-3.80E-02	0.00E+00	0.00E+00	-6.22E-01	-2.76E-04	-2.24E-05	-1.20E-03	0.00E+00	0.00E+00	-7.52E-10	-2.52E-08	-1.15E-03	-6.26E-01	0.00E+00	0.00E+00	-7.18E-01	0.00E+00	-4.94E-01	0.00E+00	-2.07E-09	-8.77E-09	-5.54E-04	-2.12E-10	-1.14E-01	0.00E+00	-4.94E-01	-1.12E-05	-4.94E-01	-5.72E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
WH20595206A	-4.03E-03	-5.09E-02	-2.01E-04	-3.81E-02	0.00E+00	0.00E+00	-7.15E-01	-3.31E-04	-4.00E-05	-1.51E-03	0.00E+00	0.00E+00	-7.78E-10	-3.09E-08	-1.09E-03	-7.30E-01	0.00E+00	0.00E+00	-8.41E-01	0.00E+00	-5.00E-01	0.00E+00	-1.96E-09	-9.46E-09	-6.45E-04	-2.12E-10	-1.40E-01	0.00E+00	-5.00E-01	-1.19E-05	-5.00E-01	-5.75E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
WH20595206B	-3.04E-03	-4.85E-02	-1.71E-05	-3.47E-02	0.00E+00	0.00E+00	-4.95E-01	-2.27E-04	4.04E-05	-9.18E-04	0.00E+00	0.00E+00	-5.56E-10	-2.06E-08	-5.84E-04	-4.92E-01	0.00E+00	0.00E+00	-4.01E-01	0.00E+00	-4.79E-01	0.00E+00	-2.03E-09	-6.28E-09	-3.15E-04	-2.12E-10	-9.30E-02	0.00E+00	-4.79E-01	-8.26E-06	-4.79E-01	-5.57E-01	-9.30E-02	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
WH20595207A	-2.96E-03	-4.86E-02	-1.73E-05	-3.47E-02	0.00E+00	0.00E+00	-4.82E-01	-2.25E-04	3.83E-05	-9.09E-04	0.00E+00	0.00E+00	-5.29E-10	-2.08E-08	-6.76E-04	-4.94E-01	0.00E+00	0.00E+00	-3.96E-01	0.00E+00	-4.79E-01	0.00E+00	-2.03E-09	-6.10E-09	-3.01E-04	-2.12E-10	-9.49E-02	0.00E+00	-4.79E-01	-8.11E-06	-4.79E-01	-5.57E-01	-9.49E-02	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
WH20595209A	-2.96E-03	-4.86E-02	-1.73E-05	-3.47E-02	0.00E+00	0.00E+00	-4.82E-01	-2.25E-04	3.83E-05	-9.09E-04	0.00E+00	0.00E+00	-5.29E-10	-2.08E-08	-6.76E-04	-4.94E-01	0.00E+00	0.00E+00	-3.96E-01	0.00E+00	-4.79E-01	0.00E+00	-2.03E-09	-6.10E-09	-3.01E-04	-2.12E-10	-9.49E-02	0.00E+00	-4.79E-01	-8.11E-06	-4.79E-01	-5.57E-01	-9.49E-02	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
WH20596200A	-3.25E-03	9.93E-03	-5.33E-04	1.05E-02	0.00E+00	0.00E+00	-8.25E-01	-3.31E-04	-1.24E-04	-1.60E-03	0.00E+00	0.00E+00	-5.54E-10	-3.85E-08	-3.56E-04	-4.35E-01	0.00E+00	0.00E+00	-7.05E-01	0.00E+00	-3.00E-01	0.00E+00	-6.79E-10	-6.85E-09	-5.13E-04	0.00E+00	-9.00E-02	0.00E+00	-3.00E-01	-9.68E-06	-3.00E-01	-3.90E-01	-9.00E-02	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
WH20596204A	-4.76E-03	-8.88E-02	1.93E-04	-5.30E-02	0.00E+00	0.00E+00	-9.80E-01	-6.17E-04	-4.54E-05	-1.83E-03	0.00E+00	0.00E+00	-6.32E-10	-6.83E-08	1.28E-03	-2.78E+00	0.00E+00	0.00E+00	-5.04E-01	0.00E+00	-1.06E-01	0.00E+00	1.57E-09	-1.01E-08	-7.67E-04	-2.12E-10	-4.33E-01	0.00E+00	-1.06E-01	-1.36E-05	-1.06E-01	-8.67E-01	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	-3.13E+01
WH20596205A	-4.76E-03	-8.88E-02	1.93E-04	-5.30E-02	0.00E+00	0.00E+00	-9.80E-01	-6.17E-04	-4.54E-05	-1.83E-03	0.00E+00	0.00E+00	-6.32E-10	-6.83E-08	1.28E-03	-2.78E+00	0.00E+00	0.00E+00	-5.04E-01	0.00E+00	-1.06E-01	0.00E+00	1.57E-09	-1.01E-08	-7.67E-04	-2.12E-10	-4.33E-01	0.00E+00	-1.06E-01	-1.36E-05	-1.06E-01	-8.67E-01	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	-3.13E+01
WH20596205B	-4.70E-03	-9.13E-02	2.07E-04	-5.30E-02	0.00E+00	0.00E+00	-9.74E-01	-6.17E-04	-4.54E-05	-1.84E-03	0.00E+00	0.00E+00	-6.35E-10	-6.83E-08	1.36E-03	-2.68E+00	0.00E+00	0.00E+00	-4.97E-01	0.00E+00	-1.00E-01	0.00E+00	1.60E-09	-1.01E-08	-7.67E-04	-2.12E-10	-4.27E-01	0.00E+00	-1.00E-01	-1.37E-05	-1.00E-01	-8.67E-01	-4.27E-01	0.00E+00	0.00E+00	0.00E+00	-3.13E+01
WH20596206A	-4.76E-03	-8.88E-02	1.93E-04	-5.30E-02	0.00E+00	0.00E+00	-9.80E-01	-6.17E-04	-4.54E-05	-1.83E-03	0.00E+00	0.00E+00	-6.32E-10	-6.83E-08	1.28E-03	-2.78E+00	0.00E+00	0.00E+00	-5.04E-01	0.00E+00	-1.06E-01	0.00E+00	1.57E-09	-1.01E-08	-7.67E-04	-2.12E-10	-4.33E-01	0.00E+00	-1.06E-01	-1.36E-05	-1.06E-01	-8.67E-01	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	-3.13E+01
WH20596207A	-4.76E-03	-8.88E-02	1.93E-04	-5.30E-02	0.00E+00	0.00E+00	-9.80E-01	-6.17E-04	-4.54E-05	-1.83E-03	0.00E+00	0.00E+00	-6.32E-10	-6.83E-08	1.28E-03	-2.78E+00	0.00E+00	0.00E+00	-5.04E-01	0.00E+00	-1.06E-01	0.00E+00	1.57E-09	-1.01E-08	-7.67E-04	-2.12E-10	-4.33E-01	0.00E+00	-1.06E-01	-1.36E-05	-1.06E-01	-8.67E-01	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	-3.13E+01
WH20600700A	-8.74E-03	-1.13E-01	-1.49E-03	-1.12E-01	0.00E+00	0.00E+00	-2.03E+00	-8.71E-04	-3.89E-04	-4.98E-03	0.00E+00	0.00E+00	-1.08E-09	-1.02E-07	-1.45E-03	-4.69E+00	0.00E+00	0.00E+00	-1.61E+00	0.00E+00	-6.56E-01	0.00E+00	-3.39E-09	-1.79E-08	-1.41E-03	0.00E+00	-7.35E-01	0.00E+00	-6.56E-01	-2.51E-05	-6.56E-01	-1.39E+00	-7.35E-01	0.00E+00	0.00E+00	0.00E+00	-6.92E+01
WH20620100A	-2.77E-03	5.43E-03	4.24E-04	-8.79E-04	0.00E+00	0.00E+00	-5.16E-01	-1.75E-04	1.02E-04	-8.51E-04	0.00E+00	0.00E+00	-2.56E-10	-1.99E-08	7.21E-04	-4.61E-01	0.00E+00	0.00E+00	-2.13E-01	0.00E+00	-2.71E-02	0.00E+00	8.39E-10	-3.04E-09	-2.10E-04	-2.12E-10	-5.82E-02	0.00E+00	-2.71E-02	-6.40E-06	-2.71E-02	-1.58E-01	-5.82E-02	0.00E+00	0.00E+00	0.00E+00	-1.30E+01
WH20620107A	-2.63E-03	8.62E-03	4.16E-04	7.37E-03	0.00E+00	0.00E+00	-4.91E-01	-1.85E-04	9.00E-05	-9.52E-04	0.00E+00	0.00E+00	-2.60E-10	-1.78E-08	5.03E-04	-4.35E-01	0.00E+00	0.00E+00	-2.44E-01	0.00E+00	-3.18E-02	0.00E+00	9.33E-10	-2.86E-09	-2.42E-04	-2.12E-10	-5.46E-02	0.00E+00	-3.18E-02	-6.44E-06	-3.18E-02	-1.51E-01	-5.46E-02	0.00E+00	0.00E+00	0.00E+00	-1.18E+01
WH20620300A	8.18E-05	8.45E-03	6.33E-04	7.82E-03	0.00E+00	0.00E+00	1.28E-01	-1.01E-05	1.12E-04	5.20E-05	0.00E+00	0.00E+00	1.33E-11	1.57E-10	7.34E-04	-1.40E-01	0.00E+00	0.00E+00	9.93E-02	0.00E+00	1.61E-01	0.00E+00	1.26E-09	4.25E-10	2.17E-05	0.00E+00	-6.70E-03	0.00E+00	1.61E-01	-3.44E-07	1.61E-01	1.54E-01	-6.70E-03	0.00E+00	0.00E+00	0.00E+00	3.53E+00
WH20620300B	-2.86E-03	5.19E-03	3.27E-04	-1.61E-03	0.00E+00	0.00E+00	-5.08E-01	-1.82E-04	8.62E-05	-9.90E-04	0.00E+00	0.00E+00	-3.12E-10	-1.94E-08	5.77E-04	-4.52E-01	0.00E+00	0.00E+00	-2.24E-01	0.00E+00	-2.71E-02	0.00E+00	6.62E-10	-3.17E-09	-2.59E-04	-2.12E-10	-6.08E-02	0.00E+00	-2.71E-02	-6.33E-06	-2.71E-02	-1.58E-01	-6.08E-02	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
WH20620303A	-2.55E-03	8.27E-03	3.63E-04	6.64E-03	0.00E+00	0.00E+00	-4.87E-01	-1.92E-04	6.55E-05	-1.06E-03	0.00E+00	0.00E+00	-2.63E-10	-1.86E-08	3.88E-04	-4.27E-01	0.00E+00	0.00E+00	-2.33E-01	0.00E+00	-3.18E-02	0.00E+00	8.17E-10	-2.71E-09	-2.72E-04	-2.12E-10	-5.77E-02	0.00E+00	-3.18E-02	-6.15E-06	-3.18E-02	-1.51E-01	-5.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.08E+01
WH20620303B	-2.70E-03	8.17E-03	3.47E-04	6.64E-03	0.00E+00	0.00E+00	-4.83E-01	-1.98E-04	7.43E-05	-1.09E-03	0.00E+00	0.00E+00	-3.20E-10	-1.76E-08	2.92E-04	-4.26E-01	0.00E+00	0.00E+00	-2.53E-01	0.00E+00	-3.18E-02	0.00E+00	7.42E-10	-3.02E-09	-2.97E-04	-2.12E-10	-5.73E-02	0.00E+00	-3.18E-02	-6.63E-06	-3.18E-02	-1.51E-01	-5.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
WH20620304A	-2.55E-03	8.27E-03	3.63E-04	6.64E-03	0.00E+00	0.00E+00	-4.87E-01	-1.92E-04	6.55E-05	-1.06E-03	0.00E+00	0.00E+00	-2.63E-10	-1.86E-08	3.88E-04	-4.27E-01	0.00E+00	0.00E+00	-2.33E-01	0.00E+00	-3.18E-02	0.00E+00	8.17E-10	-2.71E-09	-2.72E-04	-2.12E-10	-5.77E-02	0.00E+00	-3.18E-02	-6.15E-06	-3.18E-02	-1.51E-01	-5.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.08E+01
WH20620304B	-2.70E-03	8.17E-03	3.47E-04	6.64E-03	0.00E+00	0.00E+00	-4.83E-01	-1.98E-04	7.43E-05	-1.09E-03	0.00E+00	0.00E+00	-3.20E-10	-1.76E-08	2.92E-04	-4.26E-01	0.00E+00	0.00E+00	-2.53E-01	0.00E+00	-3.18E-02	0.00E+00	7.42E-10	-3.02E-09	-2.97E-04	-2.12E-10	-5.73E-02	0.00E+00	-3.18E-02	-6.63E-06	-3.18E-02	-1.51E-01	-5.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
WH20620305A	-2.01E-05	-1.16E-02	1.70E-04	-1.17E-02	0.00E+00	0.00E+00	-8.49E-03	-1.47E-05	9.49E-05	-1.50E-04	0.00E+00	0.00E+00	-1.23E-10	-4.74E-10	4.43E-05	-1.73E-01	0.00E+00	0.00E+00	-4.87E-02	0.00E+00	-7.75E-02	0.00E+00	-9.70E-11	-1.02E-09	-6.18E-05	0.00E+00	-2.61E-02	0.00E+00	-7.75E-02	-6.03E-07	-7.75E-02	-1.04E-01	-2.61E-02	0.00E+00	0.00E+00	0.00E+00	-2.24E+00
WH20620305B	-2.70E-03	8.17E-03	3.47E-04	6.64E-03	0.00E+00	0.00E+00	-4.83E-01	-1.98E-04	7.43E-05	-1.09E-03	0.00E+00	0.00E+00	-3.20E-10	-1.76E-08	2.92E-04	-4.26E-01	0.00E+00	0.00E+00	-2.53E-01	0.00E+00	-3.18E-02	0.00E+00	7.42E-10	-3.02E-09	-2.97E-04	-2.12E-10	-5.73E-02	0.00E+00	-3.18E-02	-6.63E-06	-3.18E-02	-1.51E-01	-5.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
WH20620306A	-2.53E-03	8.80E-03	2.61E-04	8.02E-03	0.00E+00	0.00E+00	-5.59E-01	-1.72E-04	8.26E-05	-9.92E-04	0.00E+00	0.00E+00	-3.65E-10	-1.68E-08	1.04E-03	-4.99E-01	0.00E+00	0.00E+00	-2.27E-01	0.00E+00	-4.73E-02	0.00E+00	9.52E-10	-3.45E-09	-4.03E-04	-2.12E-10	-7.14E-02	0.00E+00	-4.73E-02	-7.98E-06	-4.73E-02	-1.72E-01	-7.14E-02	0.00E+00	0.00E+00	0.00E+00	-1.72E+01
WH20620306B	-2.56E-03	8.80E-03	2.57E-04	8.02E-03	0.00E+00	0.00E+00	-5.55E-01	-1.68E-04	9.20E-05	-9.69E-04	0.00E+00	0.00E+00	-3.99E-10	-1.54E-08	9.59E-04	-4.86E-01	0.00E+00	0.00E+00	-2.40E-01	0.00E+00	-4.73E-02	0.00E+00	8.36E-10	-3.55E-09	-4.00E-04	-2.12E-10	-7.04E-02	0.00E+00	-4.73E-02	-8.34E-06	-4.73E-02	-1.72E-01	-7.04E-02	0.00E+00	0.00E+00	0.00E+00	-1.69E+01
WH20620307A	-2.55E-03	8.27E-03	3.63E-04	6.64E-03	0.00E+00	0.00E+00	-4.87E-01	-1.92E-04	6.55E-05	-1.06E-03	0.00E+00	0.00E+00	-2.63E-10	-1.86E-08	3.88E-04	-4.27E-01	0.00E+00	0.00E+00	-2.33E-01	0.00E+00	-3.18E-02	0.00E+00	8.17E-10	-2.71E-09	-2.72E-04	-2.12E-10	-5.77E-02	0.00E+00	-3.18E-02	-6.15E-06	-3.18E-02	-1.51E-01	-5.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.08E+01
WH20620309A	-2.55E-03	8.27E-03	3.63E-04	6.64E-03	0.00E+00	0.00E+00	-4.87E-01	-1.92E-04	6.55E-05	-1.06E-03	0.00E+00	0.00E+00	-2.63E-10	-1.86E-08	3.88E-04	-4.27E-01	0.00E+00	0.00E+00	-2.33E-01	0.00E+00	-3.18E-02	0.00E+00	8.17E-10	-2.71E-09	-2.72E-04	-2.12E-10	-5.77E-02	0.00E+00	-3.18E-02	-6.15E-06	-3.18E-02	-1.51E-01	-5.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.08E+01
WH20620309B	-2.70E-03	8.17E-03	3.47E-04	6.64E-03	0.00E+00	0.00E+00	-4.83E-01	-1.98E-04	7.43E-05	-1.09E-03	0.00E+00	0.00E+00	-3.20E-10	-1.76E-08	2.92E-04	-4.26E-01	0.00E+00	0.00E+00	-2.53E-01	0.00E+00	-3.18E-02	0.00E+00	7.42E-10	-3.02E-09	-2.97E-04	-2.12E-10	-5.73E-02	0.00E+00	-3.18E-02	-6.63E-06	-3.18E-02	-1.51E-01	-5.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
WH20620700A	-7.63E-03	-6.26E-02	-1.64E-03	-6.10E-02	0.00E+00	0.00E+00	-1.88E+00	-7.60E-04	-3.40E-04	-4.33E-03	0.00E+00	0.00E+00	-9.99E-10	-8.88E-08	-1.64E-03	-7.93E-01	0.00E+00	0.00E+00	-1.49E+00	0.00E+00	-6.67E-01	0.00E+00	-3.42E-09	-1.47E-08	-1.25E-03	0.00E+00	-1.72E-01	0.00E+00	-6.67E-01	-2.20E-05	-6.67E-01	-8.39E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-6.37E+01
WH20620700B	-7.54E-03	-4.43E-02	-1.01E-03	-4.33E-02	0.00E+00	0.00E+00	-1.69E+00	-7.58E-04	-3.24E-04	-4.15E-03	0.00E+00	0.00E+00	-9.08E-10	-8.82E-08	-6.66E-04	-7.53E-01	0.00E+00	0.00E+00	-1.33E+00	0.00E+00	-4.16E-01	0.00E+00	-1.77E-09	-1.35E-08	-1.18E-03	0.00E+00	-1.48E-01	0.00E+00	-4.16E-01	-2.19E-05	-4.16E-01	-5.64E-01	-1.48E-01	0.00E+00	0.00E+00	0.00E+00	-5.80E+01
WH20620703A	-2.66E-03	8.18E-03	3.21E-04	6.25E-03	0.00E+00	0.00E+00	-4.94E-01	-2.31E-04	-1.88E-06	-1.16E-03	0.00E+00	0.00E+00	-2.99E-10	-2.09E-08	8.73E-05	-4.31E-01	0.00E+00	0.00E+00	-2.86E-01	0.00E+00	-3.18E-02	0.00E+00	7.85E-10	-2.96E-09	-2.85E-04	-2.12E-10	-5.77E-02	0.00E+00	-3.18E-02	-7.15E-06	-3.18E-02	-1.51E-01	-5.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
WH20620704A	-2.66E-03	8.18E-03	3.21E-04	6.25E-03	0.00E+00	0.00E+00	-4.94E-01	-2.31E-04	-1.88E-06	-1.16E-03	0.00E+00	0.00E+00	-2.99E-10	-2.09E-08	8.73E-05	-4.31E-01	0.00E+00	0.00E+00	-2.86E-01	0.00E+00	-3.18E-02	0.00E+00	7.85E-10	-2.96E-09	-2.85E-04	-2.12E-10	-5.77E-02	0.00E+00	-3.18E-02	-7.15E-06	-3.18E-02	-1.51E-01	-5.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
WH20620705A	-2.66E-03	8.18E-03	3.21E-04	6.25E-03	0.00E+00	0.00E+00	-4.94E-01	-2.31E-04	-1.88E-06	-1.16E-03	0.00E+00	0.00E+00	-2.99E-10	-2.09E-08	8.73E-05	-4.31E-01	0.00E+00	0.00E+00	-2.86E-01	0.00E+00	-3.18E-02	0.00E+00	7.85E-10	-2.96E-09	-2.85E-04	-2.12E-10	-5.77E-02	0.00E+00	-3.18E-02	-7.15E-06	-3.18E-02	-1.51E-01	-5.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
WH20620705B	-2.81E-03	8.08E-03	3.06E-04	6.25E-03	0.00E+00	0.00E+00	-4.91E-01	-2.37E-04	1.33E-06	-1.19E-03	0.00E+00	0.00E+00	-3.57E-10	-1.99E-08	5.62E-05	-4.30E-01	0.00E+00	0.00E+00	-3.06E-01	0.00E+00	-3.18E-02	0.00E+00	7.11E-10	-3.26E-09	-3.06E-04	-2.12E-10	-5.73E-02	0.00E+00	-3.18E-02	-7.55E-06	-3.18E-02	-1.51E-01	-5.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
WH20620707A	-2.66E-03	8.18E-03	3.21E-04	6.25E-03	0.00E+00	0.00E+00	-4.94E-01	-2.31E-04	-1.88E-06	-1.16E-03	0.00E+00	0.00E+00	-2.99E-10	-2.09E-08	8.73E-05	-4.31E-01	0.00E+00	0.00E+00	-2.86E-01	0.00E+00	-3.18E-02	0.00E+00	7.85E-10	-2.96E-09	-2.85E-04	-2.12E-10	-5.77E-02	0.00E+00	-3.18E-02	-7.15E-06	-3.18E-02	-1.51E-01	-5.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
WH20620709A	-2.66E-03	8.18E-03	3.21E-04	6.25E-03	0.00E+00	0.00E+00	-4.94E-01	-2.31E-04	-1.88E-06	-1.16E-03	0.00E+00	0.00E+00	-2.99E-10	-2.09E-08	8.73E-05	-4.31E-01	0.00E+00	0.00E+00	-2.86E-01	0.00E+00	-3.18E-02	0.00E+00	7.85E-10	-2.96E-09	-2.85E-04	-2.12E-10	-5.77E-02	0.00E+00	-3.18E-02	-7.15E-06	-3.18E-02	-1.51E-01	-5.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
WH20623305B	-3.20E-03	2.76E-03	-2.41E-05	2.85E-03	0.00E+00	0.00E+00	-7.80E-01	-2.74E-04	5.17E-05	-1.40E-03	0.00E+00	0.00E+00	-4.62E-10	-3.05E-08	-1.23E-04	-4.89E-01	0.00E+00	0.00E+00	-5.31E-01	0.00E+00	-4.57E-02	0.00E+00	6.96E-10	-5.10E-09	-6.58E-04	-2.12E-10	-7.44E-02	0.00E+00	-4.57E-02	-1.06E-05	-4.57E-02	-1.74E-01	-7.44E-02	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
WH20623306B	-3.48E-03	-5.26E-02	2.72E-04	-4.82E-02	0.00E+00	0.00E+00	-7.76E-01	-5.03E-04	5.61E-05	-1.63E-03	0.00E+00	0.00E+00	-5.34E-10	-5.44E-08	-7.73E-04	-1.33E+00	0.00E+00	0.00E+00	-5.15E-01	0.00E+00	-5.71E-01	0.00E+00	3.90E-10	-7.86E-09	-5.99E-04	-2.12E-10	-1.94E-01	0.00E+00	-5.71E-01	-1.16E-05	-5.71E-01	-8.93E-01	-1.94E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
WH20625300A	-1.52E-03	5.92E-02	4.13E-04	5.88E-02	0.00E+00	0.00E+00	-2.77E-01	-1.68E-04	-1.80E-05	-3.66E-04	0.00E+00	0.00E+00	-1.81E-10	-1.93E-08	9.14E-04	-9.65E-02	0.00E+00	0.00E+00	-2.15E-01	0.00E+00	1.59E-01	0.00E+00	2.01E-09	-1.82E-09	-1.32E-04	0.00E+00	-1.11E-02	0.00E+00	1.59E-01	-4.81E-06	1.59E-01	1.48E-01	-1.11E-02	0.00E+00	0.00E+00	0.00E+00	-1.02E+01
WH20625300B	6.94E-04	2.78E-02	1.99E-03	2.58E-02	0.00E+00	0.00E+00	4.03E-01	7.46E-07	4.68E-04	3.03E-04	0.00E+00	0.00E+00	7.24E-11	5.24E-09	1.94E-03	4.88E-03	0.00E+00	0.00E+00	3.39E-01	0.00E+00	4.44E-01	0.00E+00	3.41E-09	1.94E-09	1.14E-04	0.00E+00	4.01E-02	0.00E+00	4.44E-01	5.52E-08	4.44E-01	4.84E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	1.26E+01
WH20625303A	-2.59E-03	8.14E-03	3.91E-04	7.80E-03	0.00E+00	0.00E+00	-4.97E-01	-1.92E-04	6.19E-05	-1.07E-03	0.00E+00	0.00E+00	-2.57E-10	-1.93E-08	3.76E-04	-4.21E-01	0.00E+00	0.00E+00	-2.42E-01	0.00E+00	-2.74E-02	0.00E+00	8.43E-10	-2.71E-09	-2.83E-04	-2.12E-10	-5.77E-02	0.00E+00	-2.74E-02	-6.35E-06	-2.74E-02	-1.51E-01	-5.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
WH20625303B	-2.74E-03	8.04E-03	3.75E-04	7.80E-03	0.00E+00	0.00E+00	-5.00E-01	-1.94E-04	7.07E-05	-1.11E-03	0.00E+00	0.00E+00	-3.16E-10	-1.80E-08	2.75E-04	-4.20E-01	0.00E+00	0.00E+00	-2.64E-01	0.00E+00	-2.74E-02	0.00E+00	7.68E-10	-3.05E-09	-3.09E-04	-2.12E-10	-5.73E-02	0.00E+00	-2.74E-02	-6.94E-06	-2.74E-02	-1.51E-01	-5.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
WH20625304A	-2.59E-03	8.14E-03	3.91E-04	7.80E-03	0.00E+00	0.00E+00	-4.97E-01	-1.92E-04	6.19E-05	-1.07E-03	0.00E+00	0.00E+00	-2.57E-10	-1.93E-08	3.76E-04	-4.21E-01	0.00E+00	0.00E+00	-2.42E-01	0.00E+00	-2.74E-02	0.00E+00	8.43E-10	-2.71E-09	-2.83E-04	-2.12E-10	-5.77E-02	0.00E+00	-2.74E-02	-6.35E-06	-2.74E-02	-1.51E-01	-5.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
WH20625305A	-2.59E-03	8.14E-03	3.91E-04	7.80E-03	0.00E+00	0.00E+00	-4.97E-01	-1.92E-04	6.19E-05	-1.07E-03	0.00E+00	0.00E+00	-2.57E-10	-1.93E-08	3.76E-04	-4.21E-01	0.00E+00	0.00E+00	-2.42E-01	0.00E+00	-2.74E-02	0.00E+00	8.43E-10	-2.71E-09	-2.83E-04	-2.12E-10	-5.77E-02	0.00E+00	-2.74E-02	-6.35E-06	-2.74E-02	-1.51E-01	-5.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
WH20625305B	-2.74E-03	8.04E-03	3.75E-04	7.80E-03	0.00E+00	0.00E+00	-5.00E-01	-1.94E-04	7.07E-05	-1.11E-03	0.00E+00	0.00E+00	-3.16E-10	-1.80E-08	2.75E-04	-4.20E-01	0.00E+00	0.00E+00	-2.64E-01	0.00E+00	-2.74E-02	0.00E+00	7.68E-10	-3.05E-09	-3.09E-04	-2.12E-10	-5.73E-02	0.00E+00	-2.74E-02	-6.94E-06	-2.74E-02	-1.51E-01	-5.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
WH20625306A	-3.88E-03	3.79E-03	3.33E-04	2.33E-03	0.00E+00	0.00E+00	-7.73E-01	-3.69E-04	1.73E-05	-1.80E-03	0.00E+00	0.00E+00	-5.04E-10	-3.92E-08	6.55E-04	-7.10E-01	0.00E+00	0.00E+00	-8.55E-01	0.00E+00	-4.57E-02	0.00E+00	1.12E-09	-7.26E-09	-5.94E-04	-2.12E-10	-8.69E-02	0.00E+00	-4.57E-02	-1.10E-05	-4.57E-02	-1.67E-01	-8.69E-02	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
WH20625306B	-2.74E-03	8.04E-03	3.75E-04	7.80E-03	0.00E+00	0.00E+00	-5.00E-01	-1.94E-04	7.07E-05	-1.11E-03	0.00E+00	0.00E+00	-3.16E-10	-1.80E-08	2.75E-04	-4.20E-01	0.00E+00	0.00E+00	-2.64E-01	0.00E+00	-2.74E-02	0.00E+00	7.68E-10	-3.05E-09	-3.09E-04	-2.12E-10	-5.73E-02	0.00E+00	-2.74E-02	-6.94E-06	-2.74E-02	-1.51E-01	-5.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
WH20625307A	-2.59E-03	8.14E-03	3.91E-04	7.80E-03	0.00E+00	0.00E+00	-4.97E-01	-1.92E-04	6.19E-05	-1.07E-03	0.00E+00	0.00E+00	-2.57E-10	-1.93E-08	3.76E-04	-4.21E-01	0.00E+00	0.00E+00	-2.42E-01	0.00E+00	-2.74E-02	0.00E+00	8.43E-10	-2.71E-09	-2.83E-04	-2.12E-10	-5.77E-02	0.00E+00	-2.74E-02	-6.35E-06	-2.74E-02	-1.51E-01	-5.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.06E+01

WH20625309A	-2.59E-03	8.14E-03	3.91E-04	7.80E-03	0.00E+00	0.00E+00	-4.97E-01	-1.92E-04	6.19E-05	-1.07E-03	0.00E+00	0.00E+00	-2.57E-10	-1.93E-08	3.76E-04	-4.21E-01	0.00E+00	0.00E+00	-2.42E-01	0.00E+00	-2.74E-02	0.00E+00	8.43E-10	-2.71E-09	-2.83E-04	-2.12E-10	-5.77E-02	0.00E+00	-2.74E-02	-6.35E-06	-2.74E-02	-1.51E-01	-5.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
WH20625700A	-2.80E-03	7.05E-03	2.29E-04	3.89E-03	0.00E+00	0.00E+00	-6.00E-01	-2.35E-04	-2.70E-05	-1.41E-03	0.00E+00	0.00E+00	-3.46E-10	-2.51E-08	3.05E-04	-4.76E-01	0.00E+00	0.00E+00	-4.36E-01	0.00E+00	-4.57E-02	0.00E+00	7.46E-10	-3.97E-09	-4.64E-04	-2.12E-10	-7.06E-02	0.00E+00	-4.57E-02	-8.09E-06	-4.57E-02	-1.58E-01	-7.06E-02	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
WH20625700B	-3.04E-03	4.23E-03	-2.26E-05	1.27E-03	0.00E+00	0.00E+00	-7.23E-01	-3.09E-04	-5.23E-05	-1.61E-03	0.00E+00	0.00E+00	-4.89E-10	-3.35E-08	-2.28E-04	-4.87E-01	0.00E+00	0.00E+00	-5.75E-01	0.00E+00	-4.57E-02	0.00E+00	5.91E-10	-4.87E-09	-6.82E-04	-2.12E-10	-7.42E-02	0.00E+00	-4.57E-02	-1.06E-05	-4.57E-02	-1.77E-01	-7.42E-02	0.00E+00	0.00E+00	0.00E+00	-2.36E+01
WH20625704A	-2.87E-03	5.95E-03	2.09E-04	5.94E-03	0.00E+00	0.00E+00	-6.14E-01	-2.56E-04	-6.14E-05	-1.52E-03	0.00E+00	0.00E+00	-3.53E-10	-2.76E-08	-4.64E-05	-4.68E-01	0.00E+00	0.00E+00	-4.67E-01	0.00E+00	-4.13E-02	0.00E+00	7.50E-10	-4.08E-09	-5.16E-04	-2.12E-10	-7.01E-02	0.00E+00	-4.13E-02	-8.62E-06	-4.13E-02	-1.55E-01	-7.01E-02	0.00E+00	0.00E+00	0.00E+00	-2.25E+01
WH20625705A	-2.87E-03	5.95E-03	2.09E-04	5.94E-03	0.00E+00	0.00E+00	-6.14E-01	-2.56E-04	-6.14E-05	-1.52E-03	0.00E+00	0.00E+00	-3.53E-10	-2.76E-08	-4.64E-05	-4.68E-01	0.00E+00	0.00E+00	-4.67E-01	0.00E+00	-4.13E-02	0.00E+00	7.50E-10	-4.08E-09	-5.16E-04	-2.12E-10	-7.01E-02	0.00E+00	-4.13E-02	-8.62E-06	-4.13E-02	-1.55E-01	-7.01E-02	0.00E+00	0.00E+00	0.00E+00	-2.25E+01
WH20625705B	-3.12E-03	3.12E-03	-5.68E-05	3.32E-03	0.00E+00	0.00E+00	-7.44E-01	-3.28E-04	-8.47E-05	-1.71E-03	0.00E+00	0.00E+00	-5.09E-10	-3.54E-08	-5.61E-04	-4.80E-01	0.00E+00	0.00E+00	-6.16E-01	0.00E+00	-4.13E-02	0.00E+00	5.68E-10	-4.98E-09	-7.49E-04	-2.12E-10	-7.37E-02	0.00E+00	-4.13E-02	-1.15E-05	-4.13E-02	-1.74E-01	-7.37E-02	0.00E+00	0.00E+00	0.00E+00	-2.41E+01
WH20625709B	-3.12E-03	3.12E-03	-5.68E-05	3.32E-03	0.00E+00	0.00E+00	-7.44E-01	-3.28E-04	-8.47E-05	-1.71E-03	0.00E+00	0.00E+00	-5.09E-10	-3.54E-08	-5.61E-04	-4.80E-01	0.00E+00	0.00E+00	-6.16E-01	0.00E+00	-4.13E-02	0.00E+00	5.68E-10	-4.98E-09	-7.49E-04	-2.12E-10	-7.37E-02	0.00E+00	-4.13E-02	-1.15E-05	-4.13E-02	-1.74E-01	-7.37E-02	0.00E+00	0.00E+00	0.00E+00	-2.41E+01
WH20640100A	9.10E-04	2.16E-02	2.26E-03	1.94E-02	0.00E+00	0.00E+00	4.13E-01	7.18E-07	6.40E-04	2.96E-04	0.00E+00	0.00E+00	7.53E-11	6.97E-09	1.85E-03	-3.74E-01	0.00E+00	0.00E+00	3.68E-01	0.00E+00	4.32E-01	0.00E+00	3.35E-09	1.92E-09	1.24E-04	0.00E+00	-1.32E-02	0.00E+00	4.32E-01	3.09E-08	4.32E-01	4.19E-01	-1.32E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
WH20640107A	-2.87E-03	1.33E-02	6.54E-04	1.98E-02	0.00E+00	0.00E+00	-4.81E-01	-3.31E-04	1.82E-04	-7.81E-04	0.00E+00	0.00E+00	-4.30E-10	-3.79E-08	1.36E-03	-4.33E-01	0.00E+00	0.00E+00	-4.58E-01	0.00E+00	-2.43E-02	0.00E+00	1.20E-09	-3.46E-09	-4.45E-04	-2.12E-10	-5.41E-02	0.00E+00	-2.43E-02	-9.24E-06	-2.43E-02	-1.15E-01	-5.41E-02	0.00E+00	0.00E+00	0.00E+00	-1.23E+01
WH20640300A	-2.91E-03	-3.72E-02	-7.60E-04	-3.64E-02	0.00E+00	0.00E+00	-7.39E-01	-2.88E-04	-1.37E-04	-1.74E-03	0.00E+00	0.00E+00	-4.77E-10	-3.36E-08	-8.02E-04	-4.88E-01	0.00E+00	0.00E+00	-6.31E-01	0.00E+00	-3.69E-01	0.00E+00	-1.79E-09	-6.52E-09	-5.23E-04	0.00E+00	-9.78E-02	0.00E+00	-3.69E-01	-8.41E-06	-3.69E-01	-4.67E-01	-9.78E-02	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
WH20640300B	9.47E-04	9.25E-02	2.94E-03	8.96E-02	0.00E+00	0.00E+00	5.15E-01	-9.49E-06	6.75E-04	7.83E-04	0.00E+00	0.00E+00	8.81E-11	5.98E-09	3.02E-03	1.06E-01	0.00E+00	0.00E+00	4.46E-01	0.00E+00	6.98E-01	0.00E+00	5.81E-09	3.11E-09	2.35E-04	0.00E+00	6.99E-02	0.00E+00	6.98E-01	-2.97E-07	6.98E-01	7.68E-01	6.99E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
WH20640303A	-9.63E-03	-2.06E-02	-1.72E-03	-1.89E-02	0.00E+00	0.00E+00	-2.37E+00	-9.71E-04	-3.95E-04	-5.07E-03	0.00E+00	0.00E+00	-1.25E-09	-1.13E-07	-1.48E-03	-9.07E-01	0.00E+00	0.00E+00	-1.86E+00	0.00E+00	-6.93E-01	0.00E+00	-2.79E-09	-1.78E-08	-1.48E-03	0.00E+00	-1.99E-01	0.00E+00	-6.93E-01	-2.81E-05	-6.93E-01	-8.91E-01	-1.99E-01	0.00E+00	0.00E+00	0.00E+00	-8.01E+01
WH20640303B	-3.28E-03	7.78E-03	2.90E-04	8.75E-03	0.00E+00	0.00E+00	-7.32E-01	-3.49E-04	6.90E-05	-1.44E-03	0.00E+00	0.00E+00	-5.23E-10	-3.81E-08	7.38E-04	-4.35E-01	0.00E+00	0.00E+00	-5.77E-01	0.00E+00	-4.01E-02	0.00E+00	8.46E-10	-4.78E-09	-4.26E-04	-2.12E-10	-5.58E-02	0.00E+00	-4.01E-02	-1.18E-05	-4.01E-02	-1.23E-01	-5.58E-02	0.00E+00	0.00E+00	0.00E+00	-1.63E+01
WH20640304A	-9.45E-03	-5.73E-03	-1.39E-03	-4.33E-03	0.00E+00	0.00E+00	-2.26E+00	-9.58E-04	-3.72E-04	-4.88E-03	0.00E+00	0.00E+00	-1.16E-09	-1.12E-07	-1.00E-03	-7.85E-01	0.00E+00	0.00E+00	-1.75E+00	0.00E+00	-5.32E-01	0.00E+00	-1.82E-09	-1.67E-08	-1.41E-03	0.00E+00	-1.71E-01	0.00E+00	-5.32E-01	-2.76E-05	-5.32E-01	-7.03E-01	-1.71E-01	0.00E+00	0.00E+00	0.00E+00	-7.58E+01
WH20640304B	-3.28E-03	7.78E-03	2.90E-04	8.75E-03	0.00E+00	0.00E+00	-7.32E-01	-3.49E-04	6.90E-05	-1.44E-03	0.00E+00	0.00E+00	-5.23E-10	-3.81E-08	7.38E-04	-4.35E-01	0.00E+00	0.00E+00	-5.77E-01	0.00E+00	-4.01E-02	0.00E+00	8.46E-10	-4.78E-09	-4.26E-04	-2.12E-10	-5.58E-02	0.00E+00	-4.01E-02	-1.18E-05	-4.01E-02	-1.23E-01	-5.58E-02	0.00E+00	0.00E+00	0.00E+00	-1.63E+01
WH20640305A	-2.81E-03	-1.60E-02	-2.72E-04	-1.57E-02	0.00E+00	0.00E+00	-5.96E-01	-2.83E-04	-1.19E-04	-1.53E-03	0.00E+00	0.00E+00	-3.34E-10	-3.29E-08	-7.34E-05	-4.48E-01	0.00E+00	0.00E+00	-4.75E-01	0.00E+00	-1.17E-01	0.00E+00	-3.63E-10	-4.99E-09	-4.35E-04	0.00E+00	-7.67E-02	0.00E+00	-1.17E-01	-8.14E-06	-1.17E-01	-1.93E-01	-7.67E-02	0.00E+00	0.00E+00	0.00E+00	-2.08E+01
WH20640305B	9.53E-04	9.53E-02	2.96E-03	9.23E-02	0.00E+00	0.00E+00	5.19E-01	-9.48E-06	6.76E-04	8.00E-04	0.00E+00	0.00E+00	8.88E-11	5.99E-09	3.08E-03	1.92E-01	0.00E+00	0.00E+00	4.51E-01	0.00E+00	7.15E-01	0.00E+00	5.95E-09	3.22E-09	2.39E-04	0.00E+00	8.31E-02	0.00E+00	7.15E-01	-2.90E-07	7.15E-01	7.99E-01	8.31E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
WH20640306A	-2.58E-03	8.91E-03	5.97E-04	1.17E-02	0.00E+00	0.00E+00	-6.66E-01	-2.53E-04	1.54E-04	-7.89E-04	0.00E+00	0.00E+00	-5.33E-10	-2.26E-08	1.65E-03	-4.94E-01	0.00E+00	0.00E+00	-3.60E-01	0.00E+00	-3.92E-02	0.00E+00	1.15E-09	-4.21E-09	-3.64E-04	-2.12E-10	-6.94E-02	0.00E+00	-3.92E-02	-1.22E-05	-3.92E-02	-1.47E-01	-6.94E-02	0.00E+00	0.00E+00	0.00E+00	-1.87E+01
WH20640306B	-2.50E-03	1.26E-02	7.95E-04	1.20E-02	0.00E+00	0.00E+00	-6.96E-01	-2.25E-04	1.89E-04	-1.04E-03	0.00E+00	0.00E+00	-5.49E-10	-1.76E-08	1.74E-03	-4.83E-01	0.00E+00	0.00E+00	-4.32E-01	0.00E+00	-4.00E-02	0.00E+00	1.09E-09	-4.56E-09	-2.43E-04	-2.12E-10	-6.58E-02	0.00E+00	-4.00E-02	-1.32E-05	-4.00E-02	-1.38E-01	-6.58E-02	0.00E+00	0.00E+00	0.00E+00	-1.84E+01
WH20640307A	-2.99E-03	6.13E-03	2.37E-04	8.75E-03	0.00E+00	0.00E+00	-6.33E-01	-3.71E-04	4.55E-05	-1.02E-03	0.00E+00	0.00E+00	-4.72E-10	-4.24E-08	8.58E-04	-4.30E-01	0.00E+00	0.00E+00	-4.88E-01	0.00E+00	-3.93E-02	0.00E+00	9.34E-10	-3.77E-09	-5.14E-04	-2.12E-10	-5.83E-02	0.00E+00	-3.93E-02	-1.02E-05	-3.93E-02	-1.26E-01	-5.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.41E+01
WH20640307B	-3.28E-03	7.78E-03	2.90E-04	8.75E-03	0.00E+00	0.00E+00	-7.32E-01	-3.49E-04	6.90E-05	-1.44E-03	0.00E+00	0.00E+00	-5.23E-10	-3.81E-08	7.38E-04	-4.35E-01	0.00E+00	0.00E+00	-5.77E-01	0.00E+00	-4.01E-02	0.00E+00	8.46E-10	-4.78E-09	-4.26E-04	-2.12E-10	-5.58E-02	0.00E+00	-4.01E-02	-1.18E-05	-4.01E-02	-1.23E-01	-5.58E-02	0.00E+00	0.00E+00	0.00E+00	-1.63E+01
WH20640309A	-2.99E-03	6.13E-03	2.37E-04	8.75E-03	0.00E+00	0.00E+00	-6.33E-01	-3.71E-04	4.55E-05	-1.02E-03	0.00E+00	0.00E+00	-4.72E-10	-4.24E-08	8.58E-04	-4.30E-01	0.00E+00	0.00E+00	-4.88E-01	0.00E+00	-3.93E-02	0.00E+00	9.34E-10	-3.77E-09	-5.14E-04	-2.12E-10	-5.83E-02	0.00E+00	-3.93E-02	-1.02E-05	-3.93E-02	-1.26E-01	-5.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.41E+01
WH20640309B	-3.28E-03	7.78E-03	2.90E-04	8.75E-03	0.00E+00	0.00E+00	-7.32E-01	-3.49E-04	6.90E-05	-1.44E-03	0.00E+00	0.00E+00	-5.23E-10	-3.81E-08	7.38E-04	-4.35E-01	0.00E+00	0.00E+00	-5.77E-01	0.00E+00	-4.01E-02	0.00E+00	8.46E-10	-4.78E-09	-4.26E-04	-2.12E-10	-5.58E-02	0.00E+00	-4.01E-02	-1.18E-05	-4.01E-02	-1.23E-01	-5.58E-02	0.00E+00	0.00E+00	0.00E+00	-1.63E+01
WH20640700A	3.34E-04	6.91E-02	9.28E-04	6.81E-02	0.00E+00	0.00E+00	9.24E-02	-5.33E-06	2.29E-04	5.43E-04	0.00E+00	0.00E+00	-1.21E-10	1.64E-09	1.08E-03	-6.52E-02	0.00E+00	0.00E+00	3.28E-02	0.00E+00	1.52E-01	0.00E+00	2.36E-09	2.52E-10	9.66E-05	0.00E+00	2.69E-05	0.00E+00	1.52E-01	-2.61E-07	1.52E-01	1.52E-01	2.69E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-01
WH20640700B	-1.03E-02	-6.33E-02	-1.52E-03	-6.17E-02	0.00E+00	0.00E+00	-2.34E+00	-1.03E-03	-4.43E-04	-5.67E-03	0.00E+00	0.00E+00	-1.24E-09	-1.20E-07	-1.15E-03	-1.01E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-6.16E-01	0.00E+00	-2.80E-09	-1.85E-08	-1.61E-03	0.00E+00	-2.03E-01	0.00E+00	-6.16E-01	-2.97E-05	-6.16E-01	-8.19E-01	-2.03E-01	0.00E+00	0.00E+00	0.00E+00	-7.98E+01
WH20640703A	-3.05E-03	8.50E-03	3.68E-04	9.08E-03	0.00E+00	0.00E+00	-6.01E-01	-3.19E-04	8.04E-05	-9.23E-04	0.00E+00	0.00E+00	-4.21E-10	-3.73E-08	1.09E-03	-4.24E-01	0.00E+00	0.00E+00	-3.50E-01	0.00E+00	-3.81E-02	0.00E+00	1.10E-09	-3.49E-09	-3.32E-04	-2.12E-10	-5.90E-02	0.00E+00	-3.81E-02	-9.54E-06	-3.81E-02	-1.35E-01	-5.90E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
WH20640703B	-3.37E-03	9.75E-03	3.66E-04	9.08E-03	0.00E+00	0.00E+00	-7.10E-01	-3.14E-04	5.05E-05	-1.40E-03	0.00E+00	0.00E+00	-5.19E-10	-3.74E-08	8.51E-04	-4.29E-01	0.00E+00	0.00E+00	-4.78E-01	0.00E+00	-3.89E-02	0.00E+00	1.01E-09	-4.99E-09	-2.81E-04	-2.12E-10	-5.65E-02	0.00E+00	-3.89E-02	-1.19E-05	-3.89E-02	-1.32E-01	-5.65E-02	0.00E+00	0.00E+00	0.00E+00	-1.71E+01
WH20640704A	-3.05E-03	8.50E-03	3.68E-04	9.08E-03	0.00E+00	0.00E+00	-6.01E-01	-3.19E-04	8.04E-05	-9.23E-04	0.00E+00	0.00E+00	-4.21E-10	-3.73E-08	1.09E-03	-4.24E-01	0.00E+00	0.00E+00	-3.50E-01	0.00E+00	-3.81E-02	0.00E+00	1.10E-09	-3.49E-09	-3.32E-04	-2.12E-10	-5.90E-02	0.00E+00	-3.81E-02	-9.54E-06	-3.81E-02	-1.35E-01	-5.90E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
WH20640704B	-3.37E-03	9.75E-03	3.66E-04	9.08E-03	0.00E+00	0.00E+00	-7.10E-01	-3.14E-04	5.05E-05	-1.40E-03	0.00E+00	0.00E+00	-5.19E-10	-3.74E-08	8.51E-04	-4.29E-01	0.00E+00	0.00E+00	-4.78E-01	0.00E+00	-3.89E-02	0.00E+00	1.01E-09	-4.99E-09	-2.81E-04	-2.12E-10	-5.65E-02	0.00E+00	-3.89E-02	-1.19E-05	-3.89E-02	-1.32E-01	-5.65E-02	0.00E+00	0.00E+00	0.00E+00	-1.71E+01
WH20640705A	1.09E-03	8.92E-02	2.73E-03	8.65E-02	0.00E+00	0.00E+00	4.46E-01	7.47E-07	7.21E-04	7.98E-04	0.00E+00	0.00E+00	8.61E-11	7.46E-09	2.57E-03	1.86E-01	0.00E+00	0.00E+00	4.13E-01	0.00E+00	6.20E-01	0.00E+00	5.24E-09	3.14E-09	2.42E-04	0.00E+00	7.46E-02	0.00E+00	6.20E-01	5.79E-08	6.20E-01	6.95E-01	7.46E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
WH20640705B	-4.56E-03	5.73E-03	5.07E-04	4.55E-03	0.00E+00	0.00E+00	-8.96E-01	-4.60E-04	-2.24E-05	-2.28E-03	0.00E+00	0.00E+00	-7.65E-10	-5.82E-08	1.15E-03	-7.36E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-4.79E-02	0.00E+00	1.10E-09	-8.99E-09	-4.76E-04	-2.12E-10	-8.51E-02	0.00E+00	-4.79E-02	-1.38E-05	-4.79E-02	-1.48E-01	-8.51E-02	0.00E+00	0.00E+00	0.00E+00	-3.90E+01
WH20640707A	-3.05E-03	8.50E-03	3.68E-04	9.08E-03	0.00E+00	0.00E+00	-6.01E-01	-3.19E-04	8.04E-05	-9.23E-04	0.00E+00	0.00E+00	-4.21E-10	-3.73E-08	1.09E-03	-4.24E-01	0.00E+00	0.00E+00	-3.50E-01	0.00E+00	-3.81E-02	0.00E+00	1.10E-09	-3.49E-09	-3.32E-04	-2.12E-10	-5.90E-02	0.00E+00	-3.81E-02	-9.54E-06	-3.81E-02	-1.35E-01	-5.90E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
WH20640707B	-3.37E-03	9.75E-03	3.66E-04	9.08E-03	0.00E+00	0.00E+00	-7.10E-01	-3.14E-04	5.05E-05	-1.40E-03	0.00E+00	0.00E+00	-5.19E-10	-3.74E-08	8.51E-04	-4.29E-01	0.00E+00	0.00E+00	-4.78E-01	0.00E+00	-3.89E-02	0.00E+00	1.01E-09	-4.99E-09	-2.81E-04	-2.12E-10	-5.65E-02	0.00E+00	-3.89E-02	-1.19E-05	-3.89E-02	-1.32E-01	-5.65E-02	0.00E+00	0.00E+00	0.00E+00	-1.71E+01
WH20640709A	-3.05E-03	8.50E-03	3.68E-04	9.08E-03	0.00E+00	0.00E+00	-6.01E-01	-3.19E-04	8.04E-05	-9.23E-04	0.00E+00	0.00E+00	-4.21E-10	-3.73E-08	1.09E-03	-4.24E-01	0.00E+00	0.00E+00	-3.50E-01	0.00E+00	-3.81E-02	0.00E+00	1.10E-09	-3.49E-09	-3.32E-04	-2.12E-10	-5.90E-02	0.00E+00	-3.81E-02	-9.54E-06	-3.81E-02	-1.35E-01	-5.90E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
WH20640709B	-3.37E-03	9.75E-03	3.66E-04	9.08E-03	0.00E+00	0.00E+00	-7.10E-01	-3.14E-04	5.05E-05	-1.40E-03	0.00E+00	0.00E+00	-5.19E-10	-3.74E-08	8.51E-04	-4.29E-01	0.00E+00	0.00E+00	-4.78E-01	0.00E+00	-3.89E-02	0.00E+00	1.01E-09	-4.99E-09	-2.81E-04	-2.12E-10	-5.65E-02	0.00E+00	-3.89E-02	-1.19E-05	-3.89E-02	-1.32E-01	-5.65E-02	0.00E+00	0.00E+00	0.00E+00	-1.71E+01
WH20643300B	-3.49E-03	5.03E-03	6.41E-04	3.67E-04	0.00E+00	0.00E+00	-8.13E-01	-2.92E-04	2.04E-04	-1.18E-03	0.00E+00	0.00E+00	-6.40E-10	-1.93E-08	1.60E-03	-5.70E-01	0.00E+00	0.00E+00	-6.35E-01	0.00E+00	-2.58E-02	0.00E+00	1.15E-09	-5.17E-09	-3.41E-04	-2.12E-10	-6.86E-02	0.00E+00	-2.58E-02	-1.43E-05	-2.58E-02	-1.51E-01	-6.86E-02	0.00E+00	0.00E+00	0.00E+00	-2.23E+01
WH20643303B	-3.33E-03	8.58E-03	8.40E-04	9.82E-03	0.00E+00	0.00E+00	-8.39E-01	-3.00E-04	2.02E-04	-1.21E-03	0.00E+00	0.00E+00	-6.47E-10	-1.94E-08	1.73E-03	-5.39E-01	0.00E+00	0.00E+00	-6.79E-01	0.00E+00	-3.24E-02	0.00E+00	1.12E-09	-5.02E-09	-3.22E-04	-2.12E-10	-6.52E-02	0.00E+00	-3.24E-02	-1.52E-05	-3.24E-02	-1.44E-01	-6.52E-02	0.00E+00	0.00E+00	0.00E+00	-2.06E+01
WH20643305B	-3.33E-03	8.58E-03	8.40E-04	9.82E-03	0.00E+00	0.00E+00	-8.39E-01	-3.00E-04	2.02E-04	-1.21E-03	0.00E+00	0.00E+00	-6.47E-10	-1.94E-08	1.73E-03	-5.39E-01	0.00E+00	0.00E+00	-6.79E-01	0.00E+00	-3.24E-02	0.00E+00	1.12E-09	-5.02E-09	-3.22E-04	-2.12E-10	-6.52E-02	0.00E+00	-3.24E-02	-1.52E-05	-3.24E-02	-1.44E-01	-6.52E-02	0.00E+00	0.00E+00	0.00E+00	-2.06E+01
WH20645300A	-2.91E-03	-3.72E-02	-7.60E-04	-3.64E-02	0.00E+00	0.00E+00	-7.39E-01	-2.88E-04	-1.37E-04	-1.74E-03	0.00E+00	0.00E+00	-4.78E-10	-3.36E-08	-8.02E-04	-4.88E-01	0.00E+00	0.00E+00	-6.31E-01	0.00E+00	-3.69E-01	0.00E+00	-1.79E-09	-6.52E-09	-5.23E-04	0.00E+00	-9.78E-02	0.00E+00	-3.69E-01	-8.41E-06	-3.69E-01	-4.67E-01	-9.78E-02	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
WH20645300B	9.53E-04	9.52E-02	2.96E-03	9.22E-02	0.00E+00	0.00E+00	5.19E-01	-9.48E-06	6.76E-04	7.99E-04	0.00E+00	0.00E+00	8.88E-11	5.99E-09	3.08E-03	1.88E-01	0.00E+00	0.00E+00	4.51E-01	0.00E+00	7.15E-01	0.00E+00	5.95E-09	3.22E-09	2.39E-04	0.00E+00	8.25E-02	0.00E+00	7.15E-01	-2.90E-07	7.15E-01	7.97E-01	8.25E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
WH20645303A	-9.46E-03	-8.50E-03	-1.42E-03	-7.09E-03	0.00E+00	0.00E+00	-2.26E+00	-9.58E-04	-3.73E-04	-4.89E-03	0.00E+00	0.00E+00	-1.16E-09	-1.12E-07	-1.06E-03	-8.71E-01	0.00E+00	0.00E+00	-1.76E+00	0.00E+00	-5.49E-01	0.00E+00	-1.96E-09	-1.68E-08	-1.42E-03	0.00E+00	-1.84E-01	0.00E+00	-5.49E-01	-2.76E-05	-5.49E-01	-7.34E-01	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-7.60E+01
WH20645303B	-3.14E-03	1.06E-02	1.13E-03	1.12E-02	0.00E+00	0.00E+00	-8.62E-01	-3.37E-04	1.85E-04	-1.07E-03	0.00E+00	0.00E+00	-7.19E-10	-2.71E-08	2.45E-03	-5.27E-01	0.00E+00	0.00E+00	-6.61E-01	0.00E+00	-3.86E-02	0.00E+00	1.16E-09	-4.73E-09	-3.01E-04	-2.12E-10	-6.63E-02	0.00E+00	-3.86E-02	-1.49E-05	-3.86E-02	-1.44E-01	-6.63E-02	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
WH20645304A	-3.45E-03	3.64E-03	4.52E-05	9.06E-03	0.00E+00	0.00E+00	-9.06E-01	-4.97E-04	2.98E-05	-1.39E-03	0.00E+00	0.00E+00	-6.86E-10	-6.55E-08	1.55E-03	-4.88E-01	0.00E+00	0.00E+00	-7.61E-01	0.00E+00	-4.88E-02	0.00E+00	9.83E-10	-5.59E-09	-9.65E-04	-2.12E-10	-7.21E-02	0.00E+00	-4.88E-02	-1.55E-05	-4.88E-02	-1.49E-01	-7.21E-02	0.00E+00	0.00E+00	0.00E+00	-2.35E+01
WH20645304B	-3.14E-03	1.06E-02	1.13E-03	1.12E-02	0.00E+00	0.00E+00	-8.62E-01	-3.37E-04	1.85E-04	-1.07E-03	0.00E+00	0.00E+00	-7.19E-10	-2.71E-08	2.45E-03	-5.27E-01	0.00E+00	0.00E+00	-6.61E-01	0.00E+00	-3.86E-02	0.00E+00	1.16E-09	-4.73E-09	-3.01E-04	-2.12E-10	-6.63E-02	0.00E+00	-3.86E-02	-1.49E-05	-3.86E-02	-1.44E-01	-6.63E-02	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
WH20645305A	9.13E-04	8.66E-02	2.53E-03	8.41E-02	0.00E+00	0.00E+00	3.91E-01	-9.73E-06	6.69E-04	7.17E-04	0.00E+00	0.00E+00	6.76E-11	5.71E-09	2.40E-03	1.66E-01	0.00E+00	0.00E+00	3.66E-01	0.00E+00	5.76E-01	0.00E+00	4.92E-09	2.77E-09	2.16E-04	0.00E+00	6.80E-02	0.00E+00	5.76E-01	-3.22E-07	5.76E-01	6.44E-01	6.80E-02	0.00E+00	0.00E+00	0.00E+00	1.34E+01
WH20645305B	-3.14E-03	1.06E-02	1.13E-03	1.12E-02	0.00E+00	0.00E+00	-8.62E-01	-3.37E-04	1.85E-04	-1.07E-03	0.00E+00	0.00E+00	-7.19E-10	-2.71E-08	2.45E-03	-5.27E-01	0.00E+00	0.00E+00	-6.61E-01	0.00E+00	-3.86E-02	0.00E+00	1.16E-09	-4.73E-09	-3.01E-04	-2.12E-10	-6.63E-02	0.00E+00	-3.86E-02	-1.49E-05	-3.86E-02	-1.44E-01	-6.63E-02	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
WH20645306A	-4.37E-03	-7.53E-02	5.84E-04	-4.64E-02	0.00E+00	0.00E+00	-9.39E-01	-7.17E-04	7.24E-06	-1.61E-03	0.00E+00	0.00E+00	-6.53E-10	-7.69E-08	1.36E-03	-2.78E+00	0.00E+00	0.00E+00	-4.12E-01	0.00E+00	-9.88E-02	0.00E+00	7.12E-10	-9.82E-09	-7.64E-04	-2.12E-10	-4.67E-01	0.00E+00	-9.88E-02	-1.51E-05	-9.88E-02	-8.79E-01	-4.67E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
WH20645306B	-4.30E-03	-7.75E-02	5.79E-04	-4.68E-02	0.00E+00	0.00E+00	-9.34E-01	-7.16E-04	3.55E-05	-1.67E-03	0.00E+00	0.00E+00	-6.52E-10	-7.68E-08	1.41E-03	-2.69E+00	0.00E+00	0.00E+00	-4.25E-01	0.00E+00	-9.97E-02	0.00E+00	6.11E-10	-9.87E-09	-7.89E-04	-2.12E-10	-4.71E-01	0.00E+00	-9.97E-02	-1.52E-05	-9.97E-02	-8.79E-01	-4.71E-01	0.00E+00	0.00E+00	0.00E+00	-3.06E+01
WH20645307A	-3.45E-03	3.64E-03	4.52E-05	9.06E-03	0.00E+00	0.00E+00	-9.06E-01	-4.97E-04	2.98E-05	-1.39E-03	0.00E+00	0.00E+00	-6.86E-10	-6.55E-08	1.55E-03	-4.88E-01	0.00E+00	0.00E+00	-7.61E-01	0.00E+00	-4.88E-02	0.00E+00	9.83E-10	-5.59E-09	-9.65E-04	-2.12E-10	-7.21E-02	0.00E+00	-4.88E-02	-1.55E-05	-4.88E-02	-1.49E-01	-7.21E-02	0.00E+00	0.00E+00	0.00E+00	-2.35E+01
WH20645307B	-3.14E-03	1.06E-02	1.13E-03	1.12E-02	0.00E+00	0.00E+00	-8.62E-01	-3.37E-04	1.85E-04	-1.07E-03	0.00E+00	0.00E+00	-7.19E-10	-2.71E-08	2.45E-03	-5.27E-01	0.00E+00	0.00E+00	-6.61E-01	0.00E+00	-3.86E-02	0.00E+00	1.16E-09	-4.73E-09	-3.01E-04	-2.12E-10	-6.63E-02	0.00E+00	-3.86E-02	-1.49E-05	-3.86E-02	-1.44E-01	-6.63E-02	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
WH20645309A	-3.45E-03	3.64E-03	4.52E-05	9.06E-03	0.00E+00	0.00E+00	-9.06E-01	-4.97E-04	2.98E-05	-1.39E-03	0.00E+00	0.00E+00	-6.86E-10	-6.55E-08	1.55E-03	-4.88E-01	0.00E+00	0.00E+00	-7.61E-01	0.00E+00	-4.88E-02	0.00E+00	9.83E-10	-5.59E-09	-9.65E-04	-2.12E-10	-7.21E-02	0.00E+00	-4.88E-02	-1.55E-05	-4.88E-02	-1.49E-01	-7.21E-02	0.00E+00	0.00E+00	0.00E+00	-2.35E+01
WH20645700A	-3.66E-03	6.21E-03	1.34E-04	6.15E-03	0.00E+00	0.00E+00	-8.39E-01	-4.12E-04	7.30E-05	-1.13E-03	0.00E+00	0.00E+00	-5.95E-10	-5.25E-08	1.47E-03	-4.94E-01	0.00E+00	0.00E+00	-5.87E-01	0.00E+00	-5.20E-02	0.00E+00	1.12E-09	-5.32E-09	-6.67E-04	-2.12E-10	-7.39E-02	0.00E+00	-5.20E-02	-1.35E-05	-5.20E-02	-1.61E-01	-7.39E-02	0.00E+00	0.00E+00	0.00E+00	-2.50E+01
WH20645700B	-3.54E-03	1.26E-02	5.96E-04	7.72E-03	0.00E+00	0.00E+00	-8.45E-01	-3.18E-04	1.15E-04	-1.25E-03	0.00E+00	0.00E+00	-6.69E-10	-3.51E-08	2.10E-03	-5.37E-01	0.00E+00	0.00E+00	-5.78E-01	0.00E+00	-4.32E-02	0.00E+00	1.17E-09	-5.20E-09	-3.06E-04	-2.12E-10	-6.98E-02	0.00E+00	-4.32E-02	-1.40E-05	-4.32E-02	-1.56E-01	-6.98E-02	0.00E+00	0.00E+00	0.00E+00	-2.15E+01
WH20645704A	-3.66E-03	6.14E-03	2.24E-04	9.00E-03	0.00E+00	0.00E+00	-8.59E-01	-4.18E-04	4.74E-05	-1.06E-03	0.00E+00	0.00E+00	-6.20E-10	-5.41E-08	1.54E-03	-4.85E-01	0.00E+00	0.00E+00	-6.11E-01	0.00E+00	-4.76E-02	0.00E+00	1.19E-09	-5.43E-09	-7.27E-04	-2.12E-10	-7.34E-02	0.00E+00	-4.76E-02	-1.40E-05	-4.76E-02	-1.58E-01	-7.34E-02	0.00E+00	0.00E+00	0.00E+00	-2.47E+01
WH20645705A	-3.66E-03	6.14E-03	2.24E-04	9.00E-03	0.00E+00	0.00E+00	-8.59E-01	-4.18E-04	4.74E-05	-1.06E-03	0.00E+00	0.00E+00	-6.20E-10	-5.41E-08	1.54E-03	-4.85E-01	0.00E+00	0.00E+00	-6.11E-01	0.00E+00	-4.76E-02	0.00E+00	1.19E-09	-5.43E-09	-7.27E-04	-2.12E-10	-7.34E-02	0.00E+00	-4.76E-02	-1.40E-05	-4.76E-02	-1.58E-01	-7.34E-02	0.00E+00	0.00E+00	0.00E+00	-2.47E+01
WH20645705B	-3.54E-03	1.27E-02	7.79E-04	1.13E-02	0.00E+00	0.00E+00	-8.77E-01	-3.16E-04	9.27E-05	-1.15E-03	0.00E+00	0.00E+00	-6.92E-10	-3.52E-08	2.18E-03	-5.28E-01	0.00E+00	0.00E+00	-5.85E-01	0.00E+00	-3.89E-02	0.00E+00	1.27E-09	-5.28E-09	-3.04E-04	-2.12E-10	-6.86E-02	0.00E+00	-3.89E-02	-1.46E-05	-3.89E-02	-1.53E-01	-6.86E-02	0.00E+00	0.00E+00	0.00E+00	-2.11E+01
WH20648305B	-3.15E-03	9.94E-03	1.07E-03	1.32E-02	0.00E+00	0.00E+00	-8.57E-01	-3.17E-04	2.26E-04	-1.04E-03	0.00E+00	0.00E+00	-6.84E-10	-2.24E-08	2.22E-03	-5.43E-01	0.00E+00	0.00E+00	-6.97E-01	0.00E+00	-2.80E-02	0.00E+00	1.17E-09	-5.00E-09	-3.24E-04	-2.12E-10	-6.44E-02	0.00E+00	-2.80E-02	-1.57E-05	-2.80E-02	-1.44E-01	-6.44E-02	0.00E+00	0.00E+00	0.00E+00	-1.79E+01
WH20648306B	-4.22E-03	-7.75E-02	6.07E-04	-4.60E-02	0.00E+00	0.00E+00	-9.49E-01	-7.18E-04	6.43E-05	-1.63E-03	0.00E+00	0.00E+00	-6.51E-10	-7.38E-08	1.43E-03	-2.68E+00	0.00E+00	0.00E+00	-4.22E-01	0.00E+00	-9.97E-02	0.00E+00	6.75E-10	-9.88E-09	-8.32E-04	-2.12E-10	-4.71E-01	0.00E+00	-9.97E-02	-1.52E-05	-9.97E-02	-8.51E-01	-4.71E-01	0.00E+00	0.00E+00	0.00E+00	-3.17E+01
WH20750100A	5.10E-04	-9.04E-03	1.34E-03	-1.04E-02	0.00E+00	0.00E+00	2.36E-01	3.55E-07	3.42E-04	2.04E-04	0.00E+00	0.00E+00	3.69E-11	3.76E-09	1.35E-03	-2.61E+00	0.00E+00	0.00E+00	2.19E-01	0.00E+00	3.27E-01	0.00E+00	2.67E-09	3.39E-10	8.15E-05	0.00E+00	-3.53E-01	0.00E+00	3.27E-01	8.47E-08	3.27E-01	-2.65E-02	-3.53E-01	0.00E+00	0.00E+00	0.00E+00	8.17E+00
WH20750100B	-6.63E-03	-2.54E-02	-6.38E-06	-1.99E-02	0.00E+00	0.00E+00	-8.19E-01	-4.95E-04	4.02E-06	-1.15E-03	0.00E+00	0.00E+00	-4.46E-10	-4.28E-08	2.56E-04	-2.51E+00	0.00E+00	0.00E+00	-3.67E-01	0.00E+00	-2.94E-02	0.00E+00	7.21E-10	-7.03E-09	-5.01E-04	-2.12E-10	-3.60E-01	0.00E+00	-2.94E-02	-7.64E-06	-2.94E-02	-2.34E-01	-3.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+01
WH20750105A	-7.94E-03	-9.59E-02	-1.28E-03	-9.46E-02	0.00E+00	0.00E+00	-1.28E+00	-5.04E-04	-2.40E-04	-3.06E-03	0.00E+00	0.00E+00	-6.93E-10	-5.91E-08	-1.50E-03	-3.91E+00	0.00E+00	0.00E+00	-1.03E+00	0.00E+00	-5.72E-01	0.00E+00	-3.20E-09	-1.19E-08	-8.79E-04	0.00E+00	-6.10E-01	0.00E+00	-5.72E-01	-1.56E-05	-5.72E-01	-1.18E+00	-6.10E-01	0.00E+00	0.00E+00	0.00E+00	-4.39E+01
WH20750105B	-6.63E-03	-2.54E-02	-6.38E-06	-1.99E-02	0.00E+00	0.00E+00	-8.19E-01	-4.95E-04	4.02E-06	-1.15E-03	0.00E+00	0.00E+00	-4.46E-10	-4.28E-08	2.56E-04	-2.51E+00	0.00E+00	0.00E+00	-3.67E-01	0.00E+00	-2.94E-02	0.00E+00	7.21E-10	-7.03E-09	-5.01E-04	-2.12E-10	-3.60E-01	0.00E+00	-2.94E-02	-7.64E-06	-2.94E-02	-2.34E-01	-3.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+01
WH20750205A	-6.61E-03	-2.40E-02	-1.42E-05	-1.82E-02	0.00E+00	0.00E+00	-8.21E-01	-4.97E-04	-4.72E-06	-1.17E-03	0.00E+00	0.00E+00	-4.20E-10	-4.28E-08	3.72E-04	-2.36E+00	0.00E+00	0.00E+00	-3.83E-01	0.00E+00	-2.94E-02	0.00E+00	7.49E-10	-6.95E-09	-4.90E-04	-2.12E-10	-3.44E-01	0.00E+00	-2.94E-02	-8.18E-06	-2.94E-02	-2.34E-01	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-2.35E+01
WH22580000T	-5.26E-03	-2.73E-03	1.15E-04	9.35E-03	0.00E+00	0.00E+00	-8.13E-01	-2.75E-04	4.38E-05	-1.59E-03	0.00E+00	0.00E+00	-7.02E-10	-2.95E-08	1.74E-04	-5.67E-01	0.00E+00	0.00E+00	-8.65E-01	0.00E+00	-2.05E-01	0.00E+00	8.15E-10	-9.06E-09	-5.57E-04	-2.12E-10	-8.95E-02	0.00E+00	-2.05E-01	-1.13E-05	-2.05E-01	-3.58E-01	-8.95E-02	0.00E+00	0.00E+00	0.00E+00	-3.41E+01
WH22580003T	-5.24E-03	-7.10E-03	9.74E-05	-3.77E-03	0.00E+00	0.00E+00	-8.17E-01	-2.78E-04	3.44E-05	-1.60E-03	0.00E+00	0.00E+00	-7.17E-10	-3.04E-08	2.61E-04	-5.81E-01	0.00E+00	0.00E+00	-8.59E-01	0.00E+00	-2.00E-01	0.00E+00	4.16E-10	-8.98E-09	-5.75E-04	-2.12E-10	-9.10E-02	0.00E+00	-2.00E-01	-1.07E-05	-2.00E-01	-3.59E-01	-9.10E-02	0.00E+00	0.00E+00	0.00E+00	-3.40E+01
WH22580005T	-5.24E-03	-7.10E-03	9.74E-05	-3.77E-03	0.00E+00	0.00E+00	-8.17E-01	-2.78E-04	3.44E-05	-1.60E-03	0.00E+00	0.00E+00	-7.17E-10	-3.04E-08	2.61E-04	-5.81E-01	0.00E+00	0.00E+00	-8.59E-01	0.00E+00	-2.00E-01	0.00E+00	4.16E-10	-8.98E-09	-5.75E-04	-2.12E-10	-9.10E-02	0.00E+00	-2.00E-01	-1.07E-05	-2.00E-01	-3.59E-01	-9.10E-02	0.00E+00	0.00E+00	0.00E+00	-3.40E+01
WH22580006T	-5.24E-03	-7.10E-03	9.74E-05	-3.77E-03	0.00E+00	0.00E+00	-8.17E-01	-2.78E-04	3.44E-05	-1.60E-03	0.00E+00	0.00E+00	-7.17E-10	-3.04E-08	2.61E-04	-5.81E-01	0.00E+00	0.00E+00	-8.59E-01	0.00E+00	-2.00E-01	0.00E+00	4.16E-10	-8.98E-09	-5.75E-04	-2.12E-10	-9.10E-02	0.00E+00	-2.00E-01	-1.07E-05	-2.00E-01	-3.59E-01	-9.10E-02	0.00E+00	0.00E+00	0.00E+00	-3.40E+01
WH22582000T	-5.24E-03	-2.89E-03	9.32E-05	6.81E-03	0.00E+00	0.00E+00	-8.16E-01	-2.76E-04	5.93E-05	-1.63E-03	0.00E+00	0.00E+00	-7.02E-10	-2.93E-08	2.22E-04	-5.70E-01	0.00E+00	0.00E+00	-8.51E-01	0.00E+00	-2.17E-01	0.00E+00	5.77E-10	-8.96E-09	-5.44E-04	-2.12E-10	-9.72E-02	0.00E+00	-2.17E-01	-1.13E-05	-2.17E-01	-3.61E-01	-9.72E-02	0.00E+00	0.00E+00	0.00E+00	-3.38E+01
WH22582003T	-5.24E-03	-2.89E-03	9.32E-05	6.81E-03	0.00E+00	0.00E+00	-8.16E-01	-2.76E-04	5.93E-05	-1.63E-03	0.00E+00	0.00E+00	-7.02E-10	-2.93E-08	2.22E-04	-5.70E-01	0.00E+00	0.00E+00	-8.51E-01	0.00E+00	-2.17E-01	0.00E+00	5.77E-10	-8.96E-09	-5.44E-04	-2.12E-10	-9.72E-02	0.00E+00	-2.17E-01	-1.13E-05	-2.17E-01	-3.61E-01	-9.72E-02	0.00E+00	0.00E+00	0.00E+00	-3.38E+01
WH22582005T	-5.24E-03	-2.89E-03	9.32E-05	6.81E-03	0.00E+00	0.00E+00	-8.16E-01	-2.76E-04	5.93E-05	-1.63E-03	0.00E+00	0.00E+00	-7.02E-10	-2.93E-08	2.22E-04	-5.70E-01	0.00E+00	0.00E+00	-8.51E-01	0.00E+00	-2.17E-01	0.00E+00	5.77E-10	-8.96E-09	-5.44E-04	-2.12E-10	-9.72E-02	0.00E+00	-2.17E-01	-1.13E-05	-2.17E-01	-3.61E-01	-9.72E-02	0.00E+00	0.00E+00	0.00E+00	-3.38E+01
WH22582006T	-5.24E-03	-2.89E-03	9.32E-05	6.81E-03	0.00E+00	0.00E+00	-8.16E-01	-2.76E-04	5.93E-05	-1.63E-03	0.00E+00	0.00E+00	-7.02E-10	-2.93E-08	2.22E-04	-5.70E-01	0.00E+00	0.00E+00	-8.51E-01	0.00E+00	-2.17E-01	0.00E+00	5.77E-10	-8.96E-09	-5.44E-04	-2.12E-10	-9.72E-02	0.00E+00	-2.17E-01	-1.13E-05	-2.17E-01	-3.61E-01	-9.72E-02	0.00E+00	0.00E+00	0.00E+00	-3.38E+01
WH22582700T	-5.42E-03	-4.04E-04	2.34E-04	1.08E-02	0.00E+00	0.00E+00	-9.07E-01	-3.09E-04	1.52E-04	-1.64E-03	0.00E+00	0.00E+00	-7.09E-10	-3.03E-08	4.20E-04	-5.69E-01	0.00E+00	0.00E+00	-8.86E-01	0.00E+00	-2.17E-01	0.00E+00	6.90E-10	-8.87E-09	-5.34E-04	-2.12E-10	-9.29E-02	0.00E+00	-2.17E-01	-1.22E-05	-2.17E-01	-3.61E-01	-9.29E-02	0.00E+00	0.00E+00	0.00E+00	-3.54E+01
WH22582703T	-5.42E-03	-4.04E-04	2.34E-04	1.08E-02	0.00E+00	0.00E+00	-9.07E-01	-3.09E-04	1.52E-04	-1.64E-03	0.00E+00	0.00E+00	-7.09E-10	-3.03E-08	4.20E-04	-5.69E-01	0.00E+00	0.00E+00	-8.86E-01	0.00E+00	-2.17E-01	0.00E+00	6.90E-10	-8.87E-09	-5.34E-04	-2.12E-10	-9.29E-02	0.00E+00	-2.17E-01	-1.22E-05	-2.17E-01	-3.61E-01	-9.29E-02	0.00E+00	0.00E+00	0.00E+00	-3.54E+01
WH22582706T	-5.42E-03	-4.04E-04	2.34E-04	1.08E-02	0.00E+00	0.00E+00	-9.07E-01	-3.09E-04	1.52E-04	-1.64E-03	0.00E+00	0.00E+00	-7.09E-10	-3.03E-08	4.20E-04	-5.69E-01	0.00E+00	0.00E+00	-8.86E-01	0.00E+00	-2.17E-01	0.00E+00	6.90E-10	-8.87E-09	-5.34E-04	-2.12E-10	-9.29E-02	0.00E+00	-2.17E-01	-1.22E-05	-2.17E-01	-3.61E-01	-9.29E-02	0.00E+00	0.00E+00	0.00E+00	-3.54E+01
WH22592000T	-5.43E-03	-4.46E-02	-3.36E-04	-3.48E-02	0.00E+00	0.00E+00	-8.61E-01	-2.74E-04	3.51E-05	-1.79E-03	0.00E+00	0.00E+00	-7.77E-10	-3.05E-08	-1.20E-03	-5.79E-01	0.00E+00	0.00E+00	-8.79E-01	0.00E+00	-5.48E-01	0.00E+00	-1.89E-09	-1.05E-08	-6.04E-04	-2.12E-10	-1.01E-01	0.00E+00	-5.48E-01	-1.18E-05	-5.48E-01	-6.06E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-3.78E+01
WH22592003T	-5.43E-03	-4.46E-02	-3.36E-04	-3.48E-02	0.00E+00	0.00E+00	-8.61E-01	-2.74E-04	3.51E-05	-1.79E-03	0.00E+00	0.00E+00	-7.77E-10	-3.05E-08	-1.20E-03	-5.79E-01	0.00E+00	0.00E+00	-8.79E-01	0.00E+00	-5.48E-01	0.00E+00	-1.89E-09	-1.05E-08	-6.04E-04	-2.12E-10	-1.01E-01	0.00E+00	-5.48E-01	-1.18E-05	-5.48E-01	-6.06E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-3.78E+01
WH22592005T	-5.43E-03	-4.46E-02	-3.36E-04	-3.48E-02	0.00E+00	0.00E+00	-8.61E-01	-2.74E-04	3.51E-05	-1.79E-03	0.00E+00	0.00E+00	-7.77E-10	-3.05E-08	-1.20E-03	-5.79E-01	0.00E+00	0.00E+00	-8.79E-01	0.00E+00	-5.48E-01	0.00E+00	-1.89E-09	-1.05E-08	-6.04E-04	-2.12E-10	-1.01E-01	0.00E+00	-5.48E-01	-1.18E-05	-5.48E-01	-6.06E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-3.78E+01
WH22640000T	-1.01E-02	1.37E-01	-9.73E-04	1.38E-01	0.00E+00	0.00E+00	-2.50E+00	-1.05E-03	-3.18E-04	-4.28E-03	0.00E+00	0.00E+00	-1.48E-09	-1.22E-07	-6.16E-06	-9.71E-01	0.00E+00	0.00E+00	-2.02E+00	0.00E+00	-4.54E-01	0.00E+00	1.24E-09	-1.83E-08	-1.37E-03	0.00E+00	-2.04E-01	0.00E+00	-4.54E-01	-3.23E-05	-4.54E-01	-6.58E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-8.77E+01
WH22640003T	-5.80E-03	-4.12E-03	3.79E-04	4.20E-03	0.00E+00	0.00E+00	-1.11E+00	-2.87E-04	2.34E-04	-1.94E-03	0.00E+00	0.00E+00	-7.34E-10	-2.94E-08	5.90E-04	-5.95E-01	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-1.94E-01	0.00E+00	5.94E-10	-9.77E-09	-5.48E-04	-2.12E-10	-8.97E-02	0.00E+00	-1.94E-01	-1.21E-05	-1.94E-01	-3.62E-01	-8.97E-02	0.00E+00	0.00E+00	0.00E+00	-3.64E+01
WH22640005T	-5.80E-03	-4.12E-03	3.79E-04	4.20E-03	0.00E+00	0.00E+00	-1.11E+00	-2.87E-04	2.34E-04	-1.94E-03	0.00E+00	0.00E+00	-7.34E-10	-2.94E-08	5.90E-04	-5.95E-01	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-1.94E-01	0.00E+00	5.94E-10	-9.77E-09	-5.48E-04	-2.12E-10	-8.97E-02	0.00E+00	-1.94E-01	-1.21E-05	-1.94E-01	-3.62E-01	-8.97E-02	0.00E+00	0.00E+00	0.00E+00	-3.64E+01
WH22640006T	-5.80E-03	-4.12E-03	3.79E-04	4.20E-03	0.00E+00	0.00E+00	-1.11E+00	-2.87E-04	2.34E-04	-1.94E-03	0.00E+00	0.00E+00	-7.34E-10	-2.94E-08	5.90E-04	-5.95E-01	0.00E+00	0.00E+00	-1.07E+00	0.00E+00	-1.94E-01	0.00E+00	5.94E-10	-9.77E-09	-5.48E-04	-2.12E-10	-8.97E-02	0.00E+00	-1.94E-01	-1.21E-05	-1.94E-01	-3.62E-01	-8.97E-02	0.00E+00	0.00E+00	0.00E+00	-3.64E+01
WH22645300T	-4.06E-03	-6.09E-02	4.22E-04	-4.57E-02	0.00E+00	0.00E+00	-8.38E-01	-5.12E-04	1.64E-04	-1.61E-03	0.00E+00	0.00E+00	-5.62E-10	-5.81E-08	-4.60E-04	-1.43E+00	0.00E+00	0.00E+00	-6.15E-01	0.00E+00	-2.97E-01	0.00E+00	5.86E-10	-9.49E-09	-5.88E-04	-2.12E-10	-2.43E-01	0.00E+00	-2.97E-01	-1.22E-05	-2.97E-01	-9.66E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
WH22645303T	-4.06E-03	-6.09E-02	4.22E-04	-4.57E-02	0.00E+00	0.00E+00	-8.38E-01	-5.12E-04	1.64E-04	-1.61E-03	0.00E+00	0.00E+00	-5.62E-10	-5.81E-08	-4.60E-04	-1.43E+00	0.00E+00	0.00E+00	-6.15E-01	0.00E+00	-2.97E-01	0.00E+00	5.86E-10	-9.49E-09	-5.88E-04	-2.12E-10	-2.43E-01	0.00E+00	-2.97E-01	-1.22E-05	-2.97E-01	-9.66E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
WH22645305T	-4.06E-03	-6.09E-02	4.22E-04	-4.57E-02	0.00E+00	0.00E+00	-8.38E-01	-5.12E-04	1.64E-04	-1.61E-03	0.00E+00	0.00E+00	-5.62E-10	-5.81E-08	-4.60E-04	-1.43E+00	0.00E+00	0.00E+00	-6.15E-01	0.00E+00	-2.97E-01	0.00E+00	5.86E-10	-9.49E-09	-5.88E-04	-2.12E-10	-2.43E-01	0.00E+00	-2.97E-01	-1.22E-05	-2.97E-01	-9.66E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
WH22645306T	-4.06E-03	-6.09E-02	4.22E-04	-4.57E-02	0.00E+00	0.00E+00	-8.38E-01	-5.12E-04	1.64E-04	-1.61E-03	0.00E+00	0.00E+00	-5.62E-10	-5.81E-08	-4.60E-04	-1.43E+00	0.00E+00	0.00E+00	-6.15E-01	0.00E+00	-2.97E-01	0.00E+00	5.86E-10	-9.49E-09	-5.88E-04	-2.12E-10	-2.43E-01	0.00E+00	-2.97E-01	-1.22E-05	-2.97E-01	-9.66E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01

WH226801K	-4.19E-03	-8.94E-02	1.52E-04	-6.87E-02	0.00E+00	0.00E+00	-9.07E-01	-7.53E-04	-7.87E-05	-1.72E-03	0.00E+00	0.00E+00	-6.46E-10	-8.58E-08	1.46E-03	-4.34E+00	0.00E+00	0.00E+00	-4.51E-01	0.00E+00	-9.45E-02	0.00E+00	-2.91E-10	-1.11E-08	-8.28E-04	-2.12E-10	-6.09E-01	0.00E+00	-9.45E-02	-1.45E-05	-9.45E-02	-6.41E-01	-6.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E+01
WH226801T	-3.97E-03	-2.03E-01	3.80E-04	-8.82E-02	0.00E+00	0.00E+00	-9.39E-01	-7.84E-04	-6.03E-05	-1.72E-03	0.00E+00	0.00E+00	-6.57E-10	-8.81E-08	2.13E-03	-5.35E+00	0.00E+00	0.00E+00	-4.28E-01	0.00E+00	3.04E-01	0.00E+00	-7.06E-10	-1.21E-08	-8.53E-04	-2.12E-10	-7.35E-01	0.00E+00	3.04E-01	-1.52E-05	3.04E-01	-6.43E-01	-7.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.63E+01
WH226801TG	-4.44E-03	-2.07E-01	2.43E-04	-9.32E-02	0.00E+00	0.00E+00	-9.92E-01	-7.71E-04	-5.16E-05	-1.87E-03	0.00E+00	0.00E+00	-7.07E-10	-8.40E-08	1.34E-03	-5.69E+00	0.00E+00	0.00E+00	-6.43E-01	0.00E+00	1.73E-01	0.00E+00	-6.74E-10	-1.34E-08	-8.77E-04	-2.12E-10	-8.00E-01	0.00E+00	1.73E-01	-1.46E-05	1.73E-01	-9.72E-01	-8.00E-01	0.00E+00	0.00E+00	0.00E+00	-3.83E+01
WH226802K	-4.19E-03	-8.94E-02	1.52E-04	-6.87E-02	0.00E+00	0.00E+00	-9.07E-01	-7.53E-04	-7.87E-05	-1.72E-03	0.00E+00	0.00E+00	-6.46E-10	-8.58E-08	1.46E-03	-4.34E+00	0.00E+00	0.00E+00	-4.51E-01	0.00E+00	-9.45E-02	0.00E+00	-2.91E-10	-1.11E-08	-8.28E-04	-2.12E-10	-6.09E-01	0.00E+00	-9.45E-02	-1.45E-05	-9.45E-02	-6.41E-01	-6.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E+01
WH226802T	-3.97E-03	-2.03E-01	3.80E-04	-8.82E-02	0.00E+00	0.00E+00	-9.39E-01	-7.84E-04	-6.03E-05	-1.72E-03	0.00E+00	0.00E+00	-6.57E-10	-8.81E-08	2.13E-03	-5.35E+00	0.00E+00	0.00E+00	-4.28E-01	0.00E+00	3.04E-01	0.00E+00	-7.06E-10	-1.21E-08	-8.53E-04	-2.12E-10	-7.35E-01	0.00E+00	3.04E-01	-1.52E-05	3.04E-01	-6.43E-01	-7.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.63E+01
WH226802TG	-4.44E-03	-2.07E-01	2.43E-04	-9.32E-02	0.00E+00	0.00E+00	-9.92E-01	-7.71E-04	-5.16E-05	-1.87E-03	0.00E+00	0.00E+00	-7.07E-10	-8.40E-08	1.34E-03	-5.69E+00	0.00E+00	0.00E+00	-6.43E-01	0.00E+00	1.73E-01	0.00E+00	-6.74E-10	-1.34E-08	-8.77E-04	-2.12E-10	-8.00E-01	0.00E+00	1.73E-01	-1.46E-05	1.73E-01	-9.72E-01	-8.00E-01	0.00E+00	0.00E+00	0.00E+00	-3.83E+01
WH226803K	-4.19E-03	-8.94E-02	1.52E-04	-6.87E-02	0.00E+00	0.00E+00	-9.07E-01	-7.53E-04	-7.87E-05	-1.72E-03	0.00E+00	0.00E+00	-6.46E-10	-8.58E-08	1.46E-03	-4.34E+00	0.00E+00	0.00E+00	-4.51E-01	0.00E+00	-9.45E-02	0.00E+00	-2.91E-10	-1.11E-08	-8.28E-04	-2.12E-10	-6.09E-01	0.00E+00	-9.45E-02	-1.45E-05	-9.45E-02	-6.41E-01	-6.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E+01
WH226803T	-3.97E-03	-2.03E-01	3.80E-04	-8.82E-02	0.00E+00	0.00E+00	-9.39E-01	-7.84E-04	-6.03E-05	-1.72E-03	0.00E+00	0.00E+00	-6.57E-10	-8.81E-08	2.13E-03	-5.35E+00	0.00E+00	0.00E+00	-4.28E-01	0.00E+00	3.04E-01	0.00E+00	-7.06E-10	-1.21E-08	-8.53E-04	-2.12E-10	-7.35E-01	0.00E+00	3.04E-01	-1.52E-05	3.04E-01	-6.43E-01	-7.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.63E+01
WH226803TG	-4.44E-03	-2.07E-01	2.43E-04	-9.32E-02	0.00E+00	0.00E+00	-9.92E-01	-7.71E-04	-5.16E-05	-1.87E-03	0.00E+00	0.00E+00	-7.07E-10	-8.40E-08	1.34E-03	-5.69E+00	0.00E+00	0.00E+00	-6.43E-01	0.00E+00	1.73E-01	0.00E+00	-6.74E-10	-1.34E-08	-8.77E-04	-2.12E-10	-8.00E-01	0.00E+00	1.73E-01	-1.46E-05	1.73E-01	-9.72E-01	-8.00E-01	0.00E+00	0.00E+00	0.00E+00	-3.83E+01
WH226811K	-3.99E-03	-9.15E-02	6.96E-04	-6.64E-02	0.00E+00	0.00E+00	-8.48E-01	-7.53E-04	-6.76E-05	-1.69E-03	0.00E+00	0.00E+00	-5.48E-10	-8.58E-08	1.63E-03	-4.34E+00	0.00E+00	0.00E+00	-4.50E-01	0.00E+00	7.79E-02	0.00E+00	1.82E-09	-9.60E-09	-6.33E-04	-2.12E-10	-6.04E-01	0.00E+00	7.79E-02	-1.44E-05	7.79E-02	-5.00E-01	-6.04E-01	0.00E+00	0.00E+00	0.00E+00	-2.62E+01
WH226811T	-3.79E-03	-2.04E-01	1.11E-03	-8.60E-02	0.00E+00	0.00E+00	-8.67E-01	-7.84E-04	-4.29E-05	-1.67E-03	0.00E+00	0.00E+00	-5.47E-10	-8.81E-08	2.55E-03	-5.35E+00	0.00E+00	0.00E+00	-4.24E-01	0.00E+00	4.28E-01	0.00E+00	1.46E-09	-9.73E-09	-6.25E-04	-2.12E-10	-7.30E-01	0.00E+00	4.28E-01	-1.49E-05	4.28E-01	-4.45E-01	-7.30E-01	0.00E+00	0.00E+00	0.00E+00	-2.52E+01
WH226811TG	-4.31E-03	-2.08E-01	8.62E-04	-9.09E-02	0.00E+00	0.00E+00	-9.26E-01	-7.71E-04	-3.82E-05	-1.82E-03	0.00E+00	0.00E+00	-6.03E-10	-8.40E-08	1.67E-03	-5.69E+00	0.00E+00	0.00E+00	-6.42E-01	0.00E+00	3.04E-01	0.00E+00	1.34E-09	-1.11E-08	-6.73E-04	-2.12E-10	-7.95E-01	0.00E+00	3.04E-01	-1.45E-05	3.04E-01	-7.97E-01	-7.95E-01	0.00E+00	0.00E+00	0.00E+00	-3.74E+01
WH226812K	-3.99E-03	-9.15E-02	6.96E-04	-6.64E-02	0.00E+00	0.00E+00	-8.48E-01	-7.53E-04	-6.76E-05	-1.69E-03	0.00E+00	0.00E+00	-5.48E-10	-8.58E-08	1.63E-03	-4.34E+00	0.00E+00	0.00E+00	-4.50E-01	0.00E+00	7.79E-02	0.00E+00	1.82E-09	-9.60E-09	-6.33E-04	-2.12E-10	-6.04E-01	0.00E+00	7.79E-02	-1.44E-05	7.79E-02	-5.00E-01	-6.04E-01	0.00E+00	0.00E+00	0.00E+00	-2.62E+01
WH226812T	-3.79E-03	-2.04E-01	1.11E-03	-8.60E-02	0.00E+00	0.00E+00	-8.67E-01	-7.84E-04	-4.29E-05	-1.67E-03	0.00E+00	0.00E+00	-5.47E-10	-8.81E-08	2.55E-03	-5.35E+00	0.00E+00	0.00E+00	-4.24E-01	0.00E+00	4.28E-01	0.00E+00	1.46E-09	-9.73E-09	-6.25E-04	-2.12E-10	-7.30E-01	0.00E+00	4.28E-01	-1.49E-05	4.28E-01	-4.45E-01	-7.30E-01	0.00E+00	0.00E+00	0.00E+00	-2.52E+01
WH226812TG	-4.31E-03	-2.08E-01	8.62E-04	-9.09E-02	0.00E+00	0.00E+00	-9.26E-01	-7.71E-04	-3.82E-05	-1.82E-03	0.00E+00	0.00E+00	-6.03E-10	-8.40E-08	1.67E-03	-5.69E+00	0.00E+00	0.00E+00	-6.42E-01	0.00E+00	3.04E-01	0.00E+00	1.34E-09	-1.11E-08	-6.73E-04	-2.12E-10	-7.95E-01	0.00E+00	3.04E-01	-1.45E-05	3.04E-01	-7.97E-01	-7.95E-01	0.00E+00	0.00E+00	0.00E+00	-3.74E+01
WH226813K	-3.99E-03	-9.15E-02	6.96E-04	-6.64E-02	0.00E+00	0.00E+00	-8.48E-01	-7.53E-04	-6.76E-05	-1.69E-03	0.00E+00	0.00E+00	-5.48E-10	-8.58E-08	1.63E-03	-4.34E+00	0.00E+00	0.00E+00	-4.50E-01	0.00E+00	7.79E-02	0.00E+00	1.82E-09	-9.60E-09	-6.33E-04	-2.12E-10	-6.04E-01	0.00E+00	7.79E-02	-1.44E-05	7.79E-02	-5.00E-01	-6.04E-01	0.00E+00	0.00E+00	0.00E+00	-2.62E+01
WH226813T	-3.79E-03	-2.04E-01	1.11E-03	-8.60E-02	0.00E+00	0.00E+00	-8.67E-01	-7.84E-04	-4.29E-05	-1.67E-03	0.00E+00	0.00E+00	-5.47E-10	-8.81E-08	2.55E-03	-5.35E+00	0.00E+00	0.00E+00	-4.24E-01	0.00E+00	4.28E-01	0.00E+00	1.46E-09	-9.73E-09	-6.25E-04	-2.12E-10	-7.30E-01	0.00E+00	4.28E-01	-1.49E-05	4.28E-01	-4.45E-01	-7.30E-01	0.00E+00	0.00E+00	0.00E+00	-2.52E+01
WH226813TG	-4.44E-03	-2.07E-01	2.43E-04	-9.32E-02	0.00E+00	0.00E+00	-9.92E-01	-7.71E-04	-5.16E-05	-1.87E-03	0.00E+00	0.00E+00	-7.07E-10	-8.40E-08	1.34E-03	-5.69E+00	0.00E+00	0.00E+00	-6.43E-01	0.00E+00	1.73E-01	0.00E+00	-6.74E-10	-1.34E-08	-8.77E-04	-2.12E-10	-8.00E-01	0.00E+00	1.73E-01	-1.46E-05	1.73E-01	-9.72E-01	-8.00E-01	0.00E+00	0.00E+00	0.00E+00	-3.83E+01
WH22690000T	-5.38E-03	-4.42E-02	-2.86E-04	-3.36E-02	0.00E+00	0.00E+00	-8.58E-01	-2.77E-04	3.42E-05	-1.80E-03	0.00E+00	0.00E+00	-7.91E-10	-3.05E-08	-1.24E-03	-5.81E-01	0.00E+00	0.00E+00	-8.75E-01	0.00E+00	-5.43E-01	0.00E+00	-1.86E-09	-1.05E-08	-6.31E-04	-2.12E-10	-1.01E-01	0.00E+00	-5.43E-01	-1.18E-05	-5.43E-01	-5.93E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-3.84E+01
WH22690003T	-5.38E-03	-4.42E-02	-2.86E-04	-3.36E-02	0.00E+00	0.00E+00	-8.58E-01	-2.77E-04	3.42E-05	-1.80E-03	0.00E+00	0.00E+00	-7.91E-10	-3.05E-08	-1.24E-03	-5.81E-01	0.00E+00	0.00E+00	-8.75E-01	0.00E+00	-5.43E-01	0.00E+00	-1.86E-09	-1.05E-08	-6.31E-04	-2.12E-10	-1.01E-01	0.00E+00	-5.43E-01	-1.18E-05	-5.43E-01	-5.93E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-3.84E+01
WH227101K	-4.26E-03	-9.04E-02	1.73E-04	-7.13E-02	0.00E+00	0.00E+00	-9.08E-01	-7.78E-04	-3.73E-05	-1.75E-03	0.00E+00	0.00E+00	-6.43E-10	-8.71E-08	1.51E-03	-4.43E+00	0.00E+00	0.00E+00	-4.33E-01	0.00E+00	-7.56E-02	0.00E+00	-2.16E-10	-1.10E-08	-8.31E-04	-2.12E-10	-6.47E-01	0.00E+00	-7.56E-02	-1.44E-05	-7.56E-02	-6.70E-01	-6.47E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
WH227101T	-3.96E-03	-2.04E-01	2.80E-04	-1.02E-01	0.00E+00	0.00E+00	-9.52E-01	-7.94E-04	-2.86E-05	-1.75E-03	0.00E+00	0.00E+00	-6.53E-10	-8.97E-08	2.19E-03	-6.23E+00	0.00E+00	0.00E+00	-4.32E-01	0.00E+00	2.22E-01	0.00E+00	-8.73E-10	-1.13E-08	-8.56E-04	-2.12E-10	-9.13E-01	0.00E+00	2.22E-01	-1.51E-05	2.22E-01	-8.02E-01	-9.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
WH227101TG	-4.51E-03	-2.08E-01	1.00E-04	-9.22E-02	0.00E+00	0.00E+00	-1.01E+00	-7.64E-04	-2.14E-05	-1.88E-03	0.00E+00	0.00E+00	-7.03E-10	-8.65E-08	1.38E-03	-5.74E+00	0.00E+00	0.00E+00	-6.40E-01	0.00E+00	1.22E-01	0.00E+00	-6.00E-10	-1.25E-08	-8.76E-04	-2.12E-10	-8.24E-01	0.00E+00	1.22E-01	-1.49E-05	1.22E-01	-1.04E+00	-8.24E-01	0.00E+00	0.00E+00	0.00E+00	-3.93E+01
WH227102K	-4.26E-03	-9.04E-02	1.73E-04	-7.13E-02	0.00E+00	0.00E+00	-9.08E-01	-7.78E-04	-3.73E-05	-1.75E-03	0.00E+00	0.00E+00	-6.43E-10	-8.71E-08	1.51E-03	-4.43E+00	0.00E+00	0.00E+00	-4.33E-01	0.00E+00	-7.56E-02	0.00E+00	-2.16E-10	-1.10E-08	-8.31E-04	-2.12E-10	-6.47E-01	0.00E+00	-7.56E-02	-1.44E-05	-7.56E-02	-6.70E-01	-6.47E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
WH227102T	-3.96E-03	-2.04E-01	2.80E-04	-1.02E-01	0.00E+00	0.00E+00	-9.52E-01	-7.94E-04	-2.86E-05	-1.75E-03	0.00E+00	0.00E+00	-6.53E-10	-8.97E-08	2.19E-03	-6.23E+00	0.00E+00	0.00E+00	-4.32E-01	0.00E+00	2.22E-01	0.00E+00	-8.73E-10	-1.13E-08	-8.56E-04	-2.12E-10	-9.13E-01	0.00E+00	2.22E-01	-1.51E-05	2.22E-01	-8.02E-01	-9.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
WH227102TG	-4.51E-03	-2.08E-01	1.00E-04	-9.22E-02	0.00E+00	0.00E+00	-1.01E+00	-7.64E-04	-2.14E-05	-1.88E-03	0.00E+00	0.00E+00	-7.03E-10	-8.65E-08	1.38E-03	-5.74E+00	0.00E+00	0.00E+00	-6.40E-01	0.00E+00	1.22E-01	0.00E+00	-6.00E-10	-1.25E-08	-8.76E-04	-2.12E-10	-8.24E-01	0.00E+00	1.22E-01	-1.49E-05	1.22E-01	-1.04E+00	-8.24E-01	0.00E+00	0.00E+00	0.00E+00	-3.93E+01
WH227103K	-4.26E-03	-9.04E-02	1.73E-04	-7.13E-02	0.00E+00	0.00E+00	-9.08E-01	-7.78E-04	-3.73E-05	-1.75E-03	0.00E+00	0.00E+00	-6.43E-10	-8.71E-08	1.51E-03	-4.43E+00	0.00E+00	0.00E+00	-4.33E-01	0.00E+00	-7.56E-02	0.00E+00	-2.16E-10	-1.10E-08	-8.31E-04	-2.12E-10	-6.47E-01	0.00E+00	-7.56E-02	-1.44E-05	-7.56E-02	-6.70E-01	-6.47E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
WH227103T	-3.96E-03	-2.04E-01	2.80E-04	-1.02E-01	0.00E+00	0.00E+00	-9.52E-01	-7.94E-04	-2.86E-05	-1.75E-03	0.00E+00	0.00E+00	-6.53E-10	-8.97E-08	2.19E-03	-6.23E+00	0.00E+00	0.00E+00	-4.32E-01	0.00E+00	2.22E-01	0.00E+00	-8.73E-10	-1.13E-08	-8.56E-04	-2.12E-10	-9.13E-01	0.00E+00	2.22E-01	-1.51E-05	2.22E-01	-8.02E-01	-9.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
WH227103TG	-4.51E-03	-2.08E-01	1.00E-04	-9.22E-02	0.00E+00	0.00E+00	-1.01E+00	-7.64E-04	-2.14E-05	-1.88E-03	0.00E+00	0.00E+00	-7.03E-10	-8.65E-08	1.38E-03	-5.74E+00	0.00E+00	0.00E+00	-6.40E-01	0.00E+00	1.22E-01	0.00E+00	-6.00E-10	-1.25E-08	-8.76E-04	-2.12E-10	-8.24E-01	0.00E+00	1.22E-01	-1.49E-05	1.22E-01	-1.04E+00	-8.24E-01	0.00E+00	0.00E+00	0.00E+00	-3.93E+01
WH227111K	-4.06E-03	-9.25E-02	7.47E-04	-6.91E-02	0.00E+00	0.00E+00	-8.49E-01	-7.78E-04	-2.62E-05	-1.72E-03	0.00E+00	0.00E+00	-5.42E-10	-8.71E-08	1.72E-03	-4.43E+00	0.00E+00	0.00E+00	-4.32E-01	0.00E+00	9.69E-02	0.00E+00	1.90E-09	-9.57E-09	-6.36E-04	-2.12E-10	-6.42E-01	0.00E+00	9.69E-02	-1.44E-05	9.69E-02	-5.29E-01	-6.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.74E+01
WH227111T	-3.79E-03	-2.05E-01	1.08E-03	-9.94E-02	0.00E+00	0.00E+00	-8.80E-01	-7.94E-04	-1.12E-05	-1.70E-03	0.00E+00	0.00E+00	-5.40E-10	-8.97E-08	2.65E-03	-6.23E+00	0.00E+00	0.00E+00	-4.28E-01	0.00E+00	3.42E-01	0.00E+00	1.29E-09	-8.92E-09	-6.28E-04	-2.12E-10	-9.08E-01	0.00E+00	3.42E-01	-1.49E-05	3.42E-01	-6.04E-01	-9.08E-01	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
WH227111TG	-4.39E-03	-2.09E-01	8.17E-04	-9.00E-02	0.00E+00	0.00E+00	-9.40E-01	-7.64E-04	-7.57E-06	-1.83E-03	0.00E+00	0.00E+00	-5.96E-10	-8.65E-08	1.75E-03	-5.74E+00	0.00E+00	0.00E+00	-6.39E-01	0.00E+00	2.49E-01	0.00E+00	1.41E-09	-1.02E-08	-6.72E-04	-2.12E-10	-8.19E-01	0.00E+00	2.49E-01	-1.46E-05	2.49E-01	-8.66E-01	-8.19E-01	0.00E+00	0.00E+00	0.00E+00	-3.83E+01
WH227112K	-4.06E-03	-9.25E-02	7.47E-04	-6.91E-02	0.00E+00	0.00E+00	-8.49E-01	-7.78E-04	-2.62E-05	-1.72E-03	0.00E+00	0.00E+00	-5.42E-10	-8.71E-08	1.72E-03	-4.43E+00	0.00E+00	0.00E+00	-4.32E-01	0.00E+00	9.69E-02	0.00E+00	1.90E-09	-9.57E-09	-6.36E-04	-2.12E-10	-6.42E-01	0.00E+00	9.69E-02	-1.44E-05	9.69E-02	-5.29E-01	-6.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.74E+01
WH227112T	-3.79E-03	-2.05E-01	1.08E-03	-9.94E-02	0.00E+00	0.00E+00	-8.80E-01	-7.94E-04	-1.12E-05	-1.70E-03	0.00E+00	0.00E+00	-5.40E-10	-8.97E-08	2.65E-03	-6.23E+00	0.00E+00	0.00E+00	-4.28E-01	0.00E+00	3.42E-01	0.00E+00	1.29E-09	-8.92E-09	-6.28E-04	-2.12E-10	-9.08E-01	0.00E+00	3.42E-01	-1.49E-05	3.42E-01	-6.04E-01	-9.08E-01	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
WH227112TG	-4.39E-03	-2.09E-01	8.17E-04	-9.00E-02	0.00E+00	0.00E+00	-9.40E-01	-7.64E-04	-7.57E-06	-1.83E-03	0.00E+00	0.00E+00	-5.96E-10	-8.65E-08	1.75E-03	-5.74E+00	0.00E+00	0.00E+00	-6.39E-01	0.00E+00	2.49E-01	0.00E+00	1.41E-09	-1.02E-08	-6.72E-04	-2.12E-10	-8.19E-01	0.00E+00	2.49E-01	-1.46E-05	2.49E-01	-8.66E-01	-8.19E-01	0.00E+00	0.00E+00	0.00E+00	-3.83E+01
WH227113K	-4.06E-03	-9.25E-02	7.47E-04	-6.91E-02	0.00E+00	0.00E+00	-8.49E-01	-7.78E-04	-2.62E-05	-1.72E-03	0.00E+00	0.00E+00	-5.42E-10	-8.71E-08	1.72E-03	-4.43E+00	0.00E+00	0.00E+00	-4.32E-01	0.00E+00	9.69E-02	0.00E+00	1.90E-09	-9.57E-09	-6.36E-04	-2.12E-10	-6.42E-01	0.00E+00	9.69E-02	-1.44E-05	9.69E-02	-5.29E-01	-6.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.74E+01
WH227113T	-3.79E-03	-2.05E-01	1.08E-03	-9.94E-02	0.00E+00	0.00E+00	-8.80E-01	-7.94E-04	-1.12E-05	-1.70E-03	0.00E+00	0.00E+00	-5.40E-10	-8.97E-08	2.65E-03	-6.23E+00	0.00E+00	0.00E+00	-4.28E-01	0.00E+00	3.42E-01	0.00E+00	1.29E-09	-8.92E-09	-6.28E-04	-2.12E-10	-9.08E-01	0.00E+00	3.42E-01	-1.49E-05	3.42E-01	-6.04E-01	-9.08E-01	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
WH227113TG	-4.39E-03	-2.09E-01	8.17E-04	-9.00E-02	0.00E+00	0.00E+00	-9.40E-01	-7.64E-04	-7.57E-06	-1.83E-03	0.00E+00	0.00E+00	-5.96E-10	-8.65E-08	1.75E-03	-5.74E+00	0.00E+00	0.00E+00	-6.39E-01	0.00E+00	2.49E-01	0.00E+00	1.41E-09	-1.02E-08	-6.72E-04	-2.12E-10	-8.19E-01	0.00E+00	2.49E-01	-1.46E-05	2.49E-01	-8.66E-01	-8.19E-01	0.00E+00	0.00E+00	0.00E+00	-3.83E+01
WH227301K	-4.18E-03	-9.05E-02	2.52E-04	-6.83E-02	0.00E+00	0.00E+00	-8.95E-01	-7.88E-04	2.44E-06	-1.67E-03	0.00E+00	0.00E+00	-6.41E-10	-9.21E-08	1.64E-03	-4.44E+00	0.00E+00	0.00E+00	-3.63E-01	0.00E+00	-8.72E-02	0.00E+00	-5.76E-10	-1.11E-08	-8.43E-04	-2.12E-10	-6.31E-01	0.00E+00	-8.72E-02	-1.52E-05	-8.72E-02	-6.64E-01	-6.31E-01	0.00E+00	0.00E+00	0.00E+00	-2.86E+01
WH227301T	-8.82E-03	6.31E-02	6.60E-04	6.25E-02	0.00E+00	0.00E+00	-1.94E+00	-9.64E-04	-2.80E-04	-3.87E-03	0.00E+00	0.00E+00	-1.35E-09	-1.11E-07	5.74E-03	-8.12E-01	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	1.55E+00	0.00E+00	1.52E-08	-1.01E-08	-1.10E-03	0.00E+00	-1.09E-01	0.00E+00	1.55E+00	-2.68E-05	1.55E+00	1.44E+00	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-5.90E+01
WH227301TG	-4.37E-03	-2.09E-01	2.10E-04	-9.29E-02	0.00E+00	0.00E+00	-1.03E+00	-7.54E-04	3.05E-05	-1.88E-03	0.00E+00	0.00E+00	-7.11E-10	-8.96E-08	1.60E-03	-6.70E+00	0.00E+00	0.00E+00	-6.03E-01	0.00E+00	1.15E-01	0.00E+00	-6.18E-10	-1.27E-08	-9.18E-04	-2.12E-10	-9.08E-01	0.00E+00	1.15E-01	-1.56E-05	1.15E-01	-1.13E+00	-9.08E-01	0.00E+00	0.00E+00	0.00E+00	-3.94E+01
WH227302K	-4.18E-03	-9.05E-02	2.52E-04	-6.83E-02	0.00E+00	0.00E+00	-8.95E-01	-7.88E-04	2.44E-06	-1.67E-03	0.00E+00	0.00E+00	-6.41E-10	-9.21E-08	1.64E-03	-4.44E+00	0.00E+00	0.00E+00	-3.63E-01	0.00E+00	-8.72E-02	0.00E+00	-5.76E-10	-1.11E-08	-8.43E-04	-2.12E-10	-6.31E-01	0.00E+00	-8.72E-02	-1.52E-05	-8.72E-02	-6.64E-01	-6.31E-01	0.00E+00	0.00E+00	0.00E+00	-2.86E+01
WH227302T	7.49E-04	-1.99E-01	2.04E-03	-2.01E-01	0.00E+00	0.00E+00	4.09E-01	5.88E-08	5.98E-04	-2.52E-04	0.00E+00	0.00E+00	3.68E-11	6.67E-09	1.01E-03	-1.57E+01	0.00E+00	0.00E+00	3.09E-01	0.00E+00	1.42E-01	0.00E+00	1.07E-09	-6.11E-09	-1.44E-05	0.00E+00	-2.25E+00	0.00E+00	1.42E-01	5.90E-08	1.42E-01	-2.11E+00	-2.25E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+01
WH227302TG	-4.37E-03	-2.09E-01	2.10E-04	-9.29E-02	0.00E+00	0.00E+00	-1.03E+00	-7.54E-04	3.05E-05	-1.88E-03	0.00E+00	0.00E+00	-7.11E-10	-8.96E-08	1.60E-03	-6.70E+00	0.00E+00	0.00E+00	-6.03E-01	0.00E+00	1.15E-01	0.00E+00	-6.18E-10	-1.27E-08	-9.18E-04	-2.12E-10	-9.08E-01	0.00E+00	1.15E-01	-1.56E-05	1.15E-01	-1.13E+00	-9.08E-01	0.00E+00	0.00E+00	0.00E+00	-3.94E+01
WH227303K	-4.18E-03	-9.05E-02	2.52E-04	-6.83E-02	0.00E+00	0.00E+00	-8.95E-01	-7.88E-04	2.44E-06	-1.67E-03	0.00E+00	0.00E+00	-6.41E-10	-9.21E-08	1.64E-03	-4.44E+00	0.00E+00	0.00E+00	-3.63E-01	0.00E+00	-8.72E-02	0.00E+00	-5.76E-10	-1.11E-08	-8.43E-04	-2.12E-10	-6.31E-01	0.00E+00	-8.72E-02	-1.52E-05	-8.72E-02	-6.64E-01	-6.31E-01	0.00E+00	0.00E+00	0.00E+00	-2.86E+01
WH227303T	-9.86E-03	-3.02E-01	-2.03E-03	-3.00E-01	0.00E+00	0.00E+00	-2.31E+00	-9.69E-04	-4.70E-04	-6.01E-03	0.00E+00	0.00E+00	-1.22E-09	-1.13E-07	-2.58E-03	-1.72E+01	0.00E+00	0.00E+00	-1.87E+00	0.00E+00	-1.02E+00	0.00E+00	-6.10E-09	-2.64E-08	-1.69E-03	0.00E+00	-2.57E+00	0.00E+00	-1.02E+00	-2.80E-05	-1.02E+00	-3.59E+00	-2.57E+00	0.00E+00	0.00E+00	0.00E+00	-7.98E+01
WH227303TG	-4.37E-03	-2.09E-01	2.10E-04	-9.29E-02	0.00E+00	0.00E+00	-1.03E+00	-7.54E-04	3.05E-05	-1.88E-03	0.00E+00	0.00E+00	-7.11E-10	-8.96E-08	1.60E-03	-6.70E+00	0.00E+00	0.00E+00	-6.03E-01	0.00E+00	1.15E-01	0.00E+00	-6.18E-10	-1.27E-08	-9.18E-04	-2.12E-10	-9.08E-01	0.00E+00	1.15E-01	-1.56E-05	1.15E-01	-1.13E+00	-9.08E-01	0.00E+00	0.00E+00	0.00E+00	-3.94E+01
WH227311K	-3.97E-03	-9.26E-02	8.89E-04	-6.60E-02	0.00E+00	0.00E+00	-8.36E-01	-7.88E-04	1.61E-05	-1.62E-03	0.00E+00	0.00E+00	-5.33E-10	-9.20E-08	1.95E-03	-4.44E+00	0.00E+00	0.00E+00	-3.62E-01	0.00E+00	8.52E-02	0.00E+00	1.54E-09	-9.64E-09	-6.40E-04	-2.12E-10	-6.26E-01	0.00E+00	8.52E-02	-1.48E-05	8.52E-02	-5.24E-01	-6.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
WH227311T	6.54E-04	-1.94E-01	1.50E-03	-1.96E-01	0.00E+00	0.00E+00	1.75E-01	-8.61E-06	6.00E-04	-2.20E-04	0.00E+00	0.00E+00	-2.17E-10	5.54E-09	2.28E-04	-1.68E+01	0.00E+00	0.00E+00	5.08E-02	0.00E+00	-1.90E-01	0.00E+00	-1.58E-10	-8.62E-09	-8.00E-05	0.00E+00	-2.43E+00	0.00E+00	-1.90E-01	-4.15E-07	-1.90E-01	-2.62E+00	-2.43E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
WH227311TG	-4.24E-03	-2.10E-01	9.62E-04	-9.07E-02	0.00E+00	0.00E+00	-9.64E-01	-7.54E-04	4.43E-05	-1.82E-03	0.00E+00	0.00E+00	-5.94E-10	-8.96E-08	2.03E-03	-6.70E+00	0.00E+00	0.00E+00	-6.02E-01	0.00E+00	2.42E-01	0.00E+00	1.40E-09	-1.05E-08	-7.06E-04	-2.12E-10	-9.03E-01	0.00E+00	2.42E-01	-1.49E-05	2.42E-01	-9.59E-01	-9.03E-01	0.00E+00	0.00E+00	0.00E+00	-3.77E+01
WH227312K	-3.97E-03	-9.26E-02	8.89E-04	-6.60E-02	0.00E+00	0.00E+00	-8.36E-01	-7.88E-04	1.61E-05	-1.62E-03	0.00E+00	0.00E+00	-5.33E-10	-9.20E-08	1.95E-03	-4.44E+00	0.00E+00	0.00E+00	-3.62E-01	0.00E+00	8.52E-02	0.00E+00	1.54E-09	-9.64E-09	-6.40E-04	-2.12E-10	-6.26E-01	0.00E+00	8.52E-02	-1.48E-05	8.52E-02	-5.24E-01	-6.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
WH227312T	-8.46E-03	1.72E-01	2.08E-03	1.70E-01	0.00E+00	0.00E+00	-1.63E+00	-9.55E-04	-1.99E-04	-2.92E-03	0.00E+00	0.00E+00	-1.08E-09	-1.10E-07	8.13E-03	-4.54E-01	0.00E+00	0.00E+00	-9.25E-01	0.00E+00	2.30E+00	0.00E+00	2.05E-08	-5.91E-09	-8.07E-04	0.00E+00	-1.94E-02	0.00E+00	2.30E+00	-2.62E-05	2.30E+00	2.28E+00	-1.94E-02	0.00E+00	0.00E+00	0.00E+00	-4.56E+01
WH227312TG	-4.24E-03	-2.10E-01	9.62E-04	-9.07E-02	0.00E+00	0.00E+00	-9.64E-01	-7.54E-04	4.43E-05	-1.82E-03	0.00E+00	0.00E+00	-5.94E-10	-8.96E-08	2.03E-03	-6.70E+00	0.00E+00	0.00E+00	-6.02E-01	0.00E+00	2.42E-01	0.00E+00	1.40E-09	-1.05E-08	-7.06E-04	-2.12E-10	-9.03E-01	0.00E+00	2.42E-01	-1.49E-05	2.42E-01	-9.59E-01	-9.03E-01	0.00E+00	0.00E+00	0.00E+00	-3.77E+01
WH227313K	-3.97E-03	-9.26E-02	8.89E-04	-6.60E-02	0.00E+00	0.00E+00	-8.36E-01	-7.88E-04	1.61E-05	-1.62E-03	0.00E+00	0.00E+00	-5.33E-10	-9.20E-08	1.95E-03	-4.44E+00	0.00E+00	0.00E+00	-3.62E-01	0.00E+00	8.52E-02	0.00E+00	1.54E-09	-9.64E-09	-6.40E-04	-2.12E-10	-6.26E-01	0.00E+00	8.52E-02	-1.48E-05	8.52E-02	-5.24E-01	-6.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
WH227313T	6.11E-04	-2.19E-01	1.93E-03	-2.21E-01	0.00E+00	0.00E+00	3.68E-01	-1.04E-05	5.81E-04	-3.78E-04	0.00E+00	0.00E+00	1.83E-11	5.31E-09	8.08E-04	-1.69E+01	0.00E+00	0.00E+00	2.71E-01	0.00E+00	8.09E-02	0.00E+00	6.03E-10	-7.03E-09	-4.92E-05	0.00E+00	-2.42E+00	0.00E+00	8.09E-02	-3.25E-07	8.09E-02	-2.34E+00	-2.42E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+01
WH227313TG	-4.24E-03	-2.10E-01	9.62E-04	-9.07E-02	0.00E+00	0.00E+00	-9.64E-01	-7.54E-04	4.43E-05	-1.82E-03	0.00E+00	0.00E+00	-5.94E-10	-8.96E-08	2.03E-03	-6.70E+00	0.00E+00	0.00E+00	-6.02E-01	0.00E+00	2.42E-01	0.00E+00	1.40E-09	-1.05E-08	-7.06E-04	-2.12E-10	-9.03E-01	0.00E+00	2.42E-01	-1.49E-05	2.42E-01	-9.59E-01	-9.03E-01	0.00E+00	0.00E+00	0.00E+00	-3.77E+01
WH22790000T	-5.04E-03	-9.51E-02	1.00E-05	-5.40E-02	0.00E+00	0.00E+00	-9.74E-01	-6.09E-04	-1.74E-05	-1.79E-03	0.00E+00	0.00E+00	-6.81E-10	-7.01E-08	9.76E-04	-2.62E+00	0.00E+00	0.00E+00	-5.88E-01	0.00E+00	-2.55E-01	0.00E+00	7.24E-10	-1.08E-08	-8.43E-04	-2.12E-10	-4.57E-01	0.00E+00	-2.55E-01	-1.36E-05	-2.55E-01	-7.82E-01	-4.57E-01	0.00E+00	0.00E+00	0.00E+00	-3.92E+01
WH22790003T	-5.04E-03	-9.51E-02	1.00E-05	-5.40E-02	0.00E+00	0.00E+00	-9.74E-01	-6.09E-04	-1.74E-05	-1.79E-03	0.00E+00	0.00E+00	-6.81E-10	-7.01E-08	9.76E-04	-2.62E+00	0.00E+00	0.00E+00	-5.88E-01	0.00E+00	-2.55E-01	0.00E+00	7.24E-10	-1.08E-08	-8.43E-04	-2.12E-10	-4.57E-01	0.00E+00	-2.55E-01	-1.36E-05	-2.55E-01	-7.82E-01	-4.57E-01	0.00E+00	0.00E+00	0.00E+00	-3.92E+01
WH22892000T	-5.06E-03	-9.56E-02	4.97E-05	-5.43E-02	0.00E+00	0.00E+00	-9.73E-01	-5.99E-04	1.47E-06	-1.78E-03	0.00E+00	0.00E+00	-6.92E-10	-6.89E-08	9.55E-04	-2.55E+00	0.00E+00	0.00E+00	-5.81E-01	0.00E+00	-2.54E-01	0.00E+00	9.39E-10	-1.05E-08	-7.93E-04	-2.12E-10	-4.32E-01	0.00E+00	-2.54E-01	-1.34E-05	-2.54E-01	-1.01E+00	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	-3.93E+01
WH22892003T	-5.06E-03	-9.56E-02	4.97E-05	-5.43E-02	0.00E+00	0.00E+00	-9.73E-01	-5.99E-04	1.47E-06	-1.78E-03	0.00E+00	0.00E+00	-6.92E-10	-6.89E-08	9.55E-04	-2.55E+00	0.00E+00	0.00E+00	-5.81E-01	0.00E+00	-2.54E-01	0.00E+00	9.39E-10	-1.05E-08	-7.93E-04	-2.12E-10	-4.32E-01	0.00E+00	-2.54E-01	-1.34E-05	-2.54E-01	-1.01E+00	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	-3.93E+01
WH22892005T	-5.06E-03	-9.56E-02	4.97E-05	-5.43E-02	0.00E+00	0.00E+00	-9.73E-01	-5.99E-04	1.47E-06	-1.78E-03	0.00E+00	0.00E+00	-6.92E-10	-6.89E-08	9.55E-04	-2.55E+00	0.00E+00	0.00E+00	-5.81E-01	0.00E+00	-2.54E-01	0.00E+00	9.39E-10	-1.05E-08	-7.93E-04	-2.12E-10	-4.32E-01	0.00E+00	-2.54E-01	-1.34E-05	-2.54E-01	-1.01E+00	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	-3.93E+01
WH228921K	-4.85E-03	-9.01E-02	2.64E-04	-6.29E-02	0.00E+00	0.00E+00	-1.00E+00	-7.44E-04	-8.04E-05	-1.79E-03	0.00E+00	0.00E+00	-6.40E-10	-8.46E-08	1.45E-03	-3.38E+00	0.00E+00	0.00E+00	-5.53E-01	0.00E+00	-7.22E-02	0.00E+00	1.05E-09	-1.08E-08	-8.25E-04	-2.12E-10	-4.76E-01	0.00E+00	-7.22E-02	-1.46E-05	-7.22E-02	-5.93E-01	-4.76E-01	0.00E+00	0.00E+00	0.00E+00	-3.17E+01
WH228921T	-4.47E-03	-2.04E-01	5.37E-04	-7.64E-02	0.00E+00	0.00E+00	-9.65E-01	-7.73E-04	-5.40E-05	-1.71E-03	0.00E+00	0.00E+00	-6.54E-10	-8.70E-08	2.12E-03	-4.55E+00	0.00E+00	0.00E+00	-4.72E-01	0.00E+00	3.71E-01	0.00E+00	9.58E-10	-1.10E-08	-8.32E-04	-2.12E-10	-6.34E-01	0.00E+00	3.71E-01	-1.53E-05	3.71E-01	-5.15E-01	-6.34E-01	0.00E+00	0.00E+00	0.00E+00	-2.86E+01
WH228921TG	-4.91E-03	-2.09E-01	3.29E-04	-8.23E-02	0.00E+00	0.00E+00	-1.03E+00	-7.50E-04	-4.33E-05	-1.88E-03	0.00E+00	0.00E+00	-7.03E-10	-8.47E-08	1.33E-03	-4.96E+00	0.00E+00	0.00E+00	-6.38E-01	0.00E+00	2.21E-01	0.00E+00	8.40E-10	-1.22E-08	-8.62E-04	-2.12E-10	-7.11E-01	0.00E+00	2.21E-01	-1.47E-05	2.21E-01	-8.44E-01	-7.11E-01	0.00E+00	0.00E+00	0.00E+00	-4.01E+01
WH228924K	-4.64E-03	-9.22E-02	7.15E-04	-5.99E-02	0.00E+00	0.00E+00	-9.45E-01	-7.44E-04	-7.23E-05	-1.77E-03	0.00E+00	0.00E+00	-5.53E-10	-8.46E-08	1.62E-03	-3.38E+00	0.00E+00	0.00E+00	-5.52E-01	0.00E+00	9.26E-02	0.00E+00	3.38E-09	-9.52E-09	-6.33E-04	-2.12E-10	-4.71E-01	0.00E+00	9.26E-02	-1.46E-05	9.26E-02	-4.52E-01	-4.71E-01	0.00E+00	0.00E+00	0.00E+00	-3.07E+01
WH228924T	-5.74E-03	1.48E-01	1.74E-03	1.46E-01	0.00E+00	0.00E+00	-1.17E+00	-6.71E-04	-1.14E-04	-1.70E-03	0.00E+00	0.00E+00	-9.64E-10	-7.72E-08	7.31E-03	-4.25E-01	0.00E+00	0.00E+00	-6.50E-01	0.00E+00	2.06E+00	0.00E+00	1.89E-08	-3.34E-09	-5.05E-04	0.00E+00	-2.30E-02	0.00E+00	2.06E+00	-1.83E-05	2.06E+00	2.03E+00	-2.30E-02	0.00E+00	0.00E+00	0.00E+00	-3.27E+01
WH228924TG	-4.78E-03	-2.10E-01	8.80E-04	-8.01E-02	0.00E+00	0.00E+00	-9.65E-01	-7.50E-04	-3.28E-05	-1.84E-03	0.00E+00	0.00E+00	-6.11E-10	-8.47E-08	1.66E-03	-4.96E+00	0.00E+00	0.00E+00	-6.37E-01	0.00E+00	3.48E-01	0.00E+00	3.02E-09	-1.00E-08	-6.61E-04	-2.12E-10	-7.06E-01	0.00E+00	3.48E-01	-1.46E-05	3.48E-01	-6.69E-01	-7.06E-01	0.00E+00	0.00E+00	0.00E+00	-3.92E+01
WH23580300Q	1.88E-04	1.12E-02	1.03E-03	1.02E-02	0.00E+00	0.00E+00	2.18E-01	-9.98E-06	1.83E-04	9.88E-05	0.00E+00	0.00E+00	2.89E-11	1.00E-09	1.16E-03	-2.77E-01	0.00E+00	0.00E+00	1.68E-01	0.00E+00	2.47E-01	0.00E+00	1.90E-09	6.94E-10	3.92E-05	0.00E+00	-1.82E-02	0.00E+00	2.47E-01	-3.35E-07	2.47E-01	2.29E-01	-1.82E-02	0.00E+00	0.00E+00	0.00E+00	6.03E+00
WH23585300Q	3.57E-04	3.83E-02	1.26E-03	3.70E-02	0.00E+00	0.00E+00	2.65E-01	4.78E-07	2.11E-04	3.61E-04	0.00E+00	0.00E+00	4.72E-11	2.37E-09	1.52E-03	-1.14E-01	0.00E+00	0.00E+00	2.11E-01	0.00E+00	3.42E-01	0.00E+00	2.78E-09	1.38E-09	1.04E-04	0.00E+00	9.45E-03	0.00E+00	3.42E-01	5.74E-08	3.42E-01	3.52E-01	9.45E-03	0.00E+00	0.00E+00	0.00E+00	7.62E+00
WH23585303Q	-3.91E-03	-1.70E-03	1.09E-04	3.25E-03	0.00E+00	0.00E+00	-6.26E-01	-3.30E-04	-2.86E-05	-2.25E-03	0.00E+00	0.00E+00	-4.71E-10	-3.84E-08	5.10E-04	-5.46E-01	0.00E+00	0.00E+00	-6.53E-01	0.00E+00	-1.45E-02	0.00E+00	4.47E-10	-6.15E-09	-5.24E-04	-2.12E-10	-7.51E-02	0.00E+00	-1.45E-02	-1.34E-05	-1.45E-02	-1.01E-01	-7.51E-02	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
WH23585304Q	-3.91E-03	-1.70E-03	1.09E-04	3.25E-03	0.00E+00	0.00E+00	-6.26E-01	-3.30E-04	-2.86E-05	-2.25E-03	0.00E+00	0.00E+00	-4.71E-10	-3.84E-08	5.10E-04	-5.46E-01	0.00E+00	0.00E+00	-6.53E-01	0.00E+00	-1.45E-02	0.00E+00	4.47E-10	-6.15E-09	-5.24E-04	-2.12E-10	-7.51E-02	0.00E+00	-1.45E-02	-1.34E-05	-1.45E-02	-1.01E-01	-7.51E-02	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
WH23585305Q	-3.91E-03	-1.70E-03	1.09E-04	3.25E-03	0.00E+00	0.00E+00	-6.26E-01	-3.30E-04	-2.86E-05	-2.25E-03	0.00E+00	0.00E+00	-4.71E-10	-3.84E-08	5.10E-04	-5.46E-01	0.00E+00	0.00E+00	-6.53E-01	0.00E+00	-1.45E-02	0.00E+00	4.47E-10	-6.15E-09	-5.24E-04	-2.12E-10	-7.51E-02	0.00E+00	-1.45E-02	-1.34E-05	-1.45E-02	-1.01E-01	-7.51E-02	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
WH23585306Q	-3.91E-03	-1.70E-03	1.09E-04	3.25E-03	0.00E+00	0.00E+00	-6.26E-01	-3.30E-04	-2.86E-05	-2.25E-03	0.00E+00	0.00E+00	-4.71E-10	-3.84E-08	5.10E-04	-5.46E-01	0.00E+00	0.00E+00	-6.53E-01	0.00E+00	-1.45E-02	0.00E+00	4.47E-10	-6.15E-09	-5.24E-04	-2.12E-10	-7.51E-02	0.00E+00	-1.45E-02	-1.34E-05	-1.45E-02	-1.01E-01	-7.51E-02	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
WH23585307Q	-3.91E-03	-1.70E-03	1.09E-04	3.25E-03	0.00E+00	0.00E+00	-6.26E-01	-3.30E-04	-2.86E-05	-2.25E-03	0.00E+00	0.00E+00	-4.71E-10	-3.84E-08	5.10E-04	-5.46E-01	0.00E+00	0.00E+00	-6.53E-01	0.00E+00	-1.45E-02	0.00E+00	4.47E-10	-6.15E-09	-5.24E-04	-2.12E-10	-7.51E-02	0.00E+00	-1.45E-02	-1.34E-05	-1.45E-02	-1.01E-01	-7.51E-02	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
WH23585400Q	-4.00E-03	-5.47E-02	-4.42E-05	-3.15E-02	0.00E+00	0.00E+00	-6.37E-01	-3.05E-04	1.97E-05	-1.89E-03	0.00E+00	0.00E+00	-7.75E-10	-2.92E-08	-6.94E-04	-1.26E+00	0.00E+00	0.00E+00	-6.46E-01	0.00E+00	-4.32E-01	0.00E+00	-1.90E-09	-8.57E-09	-6.43E-04	-2.12E-10	-2.39E-01	0.00E+00	-4.32E-01	-1.23E-05	-4.32E-01	-3.17E-01	-2.39E-01	0.00E+00	0.00E+00	0.00E+00	-2.95E+01
WH23585403Q	-4.16E-03	-5.16E-02	-2.86E-06	-2.76E-02	0.00E+00	0.00E+00	-6.71E-01	-3.17E-04	2.48E-05	-1.81E-03	0.00E+00	0.00E+00	-7.62E-10	-2.92E-08	-6.80E-04	-1.27E+00	0.00E+00	0.00E+00	-6.50E-01	0.00E+00	-4.15E-01	0.00E+00	-1.83E-09	-8.54E-09	-6.85E-04	-2.12E-10	-2.41E-01	0.00E+00	-4.15E-01	-1.32E-05	-4.15E-01	-3.26E-01	-2.41E-01	0.00E+00	0.00E+00	0.00E+00	-3.06E+01
WH23585405Q	-4.16E-03	-5.16E-02	-2.86E-06	-2.76E-02	0.00E+00	0.00E+00	-6.71E-01	-3.17E-04	2.48E-05	-1.81E-03	0.00E+00	0.00E+00	-7.62E-10	-2.92E-08	-6.80E-04	-1.27E+00	0.00E+00	0.00E+00	-6.50E-01	0.00E+00	-4.15E-01	0.00E+00	-1.83E-09	-8.54E-09	-6.85E-04	-2.12E-10	-2.41E-01	0.00E+00	-4.15E-01	-1.32E-05	-4.15E-01	-3.26E-01	-2.41E-01	0.00E+00	0.00E+00	0.00E+00	-3.06E+01
WH23585406Q	-4.16E-03	-5.16E-02	-2.86E-06	-2.76E-02	0.00E+00	0.00E+00	-6.71E-01	-3.17E-04	2.48E-05	-1.81E-03	0.00E+00	0.00E+00	-7.62E-10	-2.92E-08	-6.80E-04	-1.27E+00	0.00E+00	0.00E+00	-6.50E-01	0.00E+00	-4.15E-01	0.00E+00	-1.83E-09	-8.54E-09	-6.85E-04	-2.12E-10	-2.41E-01	0.00E+00	-4.15E-01	-1.32E-05	-4.15E-01	-3.26E-01	-2.41E-01	0.00E+00	0.00E+00	0.00E+00	-3.06E+01
WH23592200Q	-3.41E-04	-7.20E-02	-4.53E-05	-7.19E-02	0.00E+00	0.00E+00	-1.72E-01	-5.40E-05	1.77E-04	-8.55E-04	0.00E+00	0.00E+00	-7.13E-10	-2.89E-09	-4.13E-04	-1.82E-01	0.00E+00	0.00E+00	-4.18E-01	0.00E+00	-6.43E-01	0.00E+00	-2.03E-09	-6.16E-09	-3.81E-04	0.00E+00	-5.08E-02	0.00E+00	-6.43E-01	-2.20E-06	-6.43E-01	-6.94E-01	-5.08E-02	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
WH23592203Q	-3.81E-03	-5.82E-02	-8.75E-05	-2.76E-02	0.00E+00	0.00E+00	-6.36E-01	-2.98E-04	2.41E-05	-1.54E-03	0.00E+00	0.00E+00	-7.72E-10	-2.54E-08	-6.55E-04	-1.53E+00	0.00E+00	0.00E+00	-6.11E-01	0.00E+00	-4.54E-01	0.00E+00	-2.31E-09	-8.48E-09	-6.41E-04	-2.12E-10	-2.80E-01	0.00E+00	-4.54E-01	-1.25E-05	-4.54E-01	-3.62E-01	-2.80E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
WH23592204Q	-3.89E-03	-5.82E-02	-7.46E-05	-2.76E-02	0.00E+00	0.00E+00	-6.36E-01	-2.98E-04	2.41E-05	-1.67E-03	0.00E+00	0.00E+00	-7.72E-10	-2.55E-08	-6.44E-04	-1.53E+00	0.00E+00	0.00E+00	-6.20E-01	0.00E+00	-4.54E-01	0.00E+00	-2.31E-09	-8.49E-09	-6.47E-04	-2.12E-10	-2.81E-01	0.00E+00	-4.54E-01	-1.27E-05	-4.54E-01	-3.62E-01	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
WH23592205Q	-3.81E-03	-5.82E-02	-8.75E-05	-2.76E-02	0.00E+00	0.00E+00	-6.36E-01	-2.98E-04	2.41E-05	-1.54E-03	0.00E+00	0.00E+00	-7.72E-10	-2.54E-08	-6.55E-04	-1.53E+00	0.00E+00	0.00E+00	-6.11E-01	0.00E+00	-4.54E-01	0.00E+00	-2.31E-09	-8.48E-09	-6.41E-04	-2.12E-10	-2.80E-01	0.00E+00	-4.54E-01	-1.25E-05	-4.54E-01	-3.62E-01	-2.80E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
WH23592206Q	-3.81E-03	-5.82E-02	-8.75E-05	-2.76E-02	0.00E+00	0.00E+00	-6.36E-01	-2.98E-04	2.41E-05	-1.54E-03	0.00E+00	0.00E+00	-7.72E-10	-2.54E-08	-6.55E-04	-1.53E+00	0.00E+00	0.00E+00	-6.11E-01	0.00E+00	-4.54E-01	0.00E+00	-2.31E-09	-8.48E-09	-6.41E-04	-2.12E-10	-2.80E-01	0.00E+00	-4.54E-01	-1.25E-05	-4.54E-01	-3.62E-01	-2.80E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
WH23593200Q	-4.30E-03	-1.87E-01	-2.05E-04	-4.61E-02	0.00E+00	0.00E+00	-1.10E+00	-5.90E-04	-3.68E-05	-2.21E-03	0.00E+00	0.00E+00	-1.11E-09	-6.03E-08	-6.77E-04	-2.33E+00	0.00E+00	0.00E+00	-4.90E-01	0.00E+00	-6.00E-01	0.00E+00	-3.74E-10	-1.17E-08	-9.53E-04	-2.12E-10	-3.15E-01	0.00E+00	-6.00E-01	-1.47E-05	-6.00E-01	-8.93E-01	-3.15E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
WH23593203Q	-4.34E-03	-2.01E-01	4.38E-04	-6.48E-02	0.00E+00	0.00E+00	-9.38E-01	-6.30E-04	2.35E-07	-1.56E-03	0.00E+00	0.00E+00	-1.05E-09	-6.62E-08	1.04E-03	-3.20E+00	0.00E+00	0.00E+00	-3.72E-01	0.00E+00	2.81E-01	0.00E+00	3.29E-10	-1.13E-08	-9.32E-04	-2.12E-10	-4.12E-01	0.00E+00	2.81E-01	-1.46E-05	2.81E-01	-5.85E-01	-4.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01

WH23593205Q	-4.34E-03	-2.01E-01	4.38E-04	-6.48E-02	0.00E+00	0.00E+00	-9.38E-01	-6.30E-04	2.35E-07	-1.56E-03	0.00E+00	0.00E+00	-1.05E-09	-6.62E-08	1.04E-03	-3.20E+00	0.00E+00	0.00E+00	-3.72E-01	0.00E+00	2.81E-01	0.00E+00	3.29E-10	-1.13E-08	-9.32E-04	-2.12E-10	-4.12E-01	0.00E+00	2.81E-01	-1.46E-05	2.81E-01	-5.85E-01	-4.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
WH23593206Q	-4.34E-03	-2.01E-01	4.38E-04	-6.48E-02	0.00E+00	0.00E+00	-9.38E-01	-6.30E-04	2.35E-07	-1.56E-03	0.00E+00	0.00E+00	-1.05E-09	-6.62E-08	1.04E-03	-3.20E+00	0.00E+00	0.00E+00	-3.72E-01	0.00E+00	2.81E-01	0.00E+00	3.29E-10	-1.13E-08	-9.32E-04	-2.12E-10	-4.12E-01	0.00E+00	2.81E-01	-1.46E-05	2.81E-01	-5.85E-01	-4.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
WH23595200Q	-1.06E-03	-8.02E-02	-4.38E-04	-7.98E-02	0.00E+00	0.00E+00	-3.54E-01	-1.14E-04	1.01E-04	-1.29E-03	0.00E+00	0.00E+00	-7.93E-10	-1.03E-08	-8.55E-04	-2.75E-01	0.00E+00	0.00E+00	-5.69E-01	0.00E+00	-7.53E-01	0.00E+00	-2.72E-09	-7.67E-09	-5.04E-04	0.00E+00	-7.03E-02	0.00E+00	-7.53E-01	-5.97E-06	-7.53E-01	-8.24E-01	-7.03E-02	0.00E+00	0.00E+00	0.00E+00	-2.41E+01
WH23595203Q	-3.87E-03	-5.51E-02	-5.99E-05	-2.64E-02	0.00E+00	0.00E+00	-6.57E-01	-3.03E-04	2.56E-05	-1.52E-03	0.00E+00	0.00E+00	-7.71E-10	-2.56E-08	-6.47E-04	-1.53E+00	0.00E+00	0.00E+00	-6.14E-01	0.00E+00	-4.44E-01	0.00E+00	-2.22E-09	-8.50E-09	-6.78E-04	-2.12E-10	-2.82E-01	0.00E+00	-4.44E-01	-1.28E-05	-4.44E-01	-3.62E-01	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
WH23595204Q	-3.87E-03	-5.51E-02	-5.99E-05	-2.64E-02	0.00E+00	0.00E+00	-6.57E-01	-3.03E-04	2.56E-05	-1.52E-03	0.00E+00	0.00E+00	-7.71E-10	-2.56E-08	-6.47E-04	-1.53E+00	0.00E+00	0.00E+00	-6.14E-01	0.00E+00	-4.44E-01	0.00E+00	-2.22E-09	-8.50E-09	-6.78E-04	-2.12E-10	-2.82E-01	0.00E+00	-4.44E-01	-1.28E-05	-4.44E-01	-3.62E-01	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
WH23595205Q	-3.87E-03	-5.51E-02	-5.99E-05	-2.64E-02	0.00E+00	0.00E+00	-6.57E-01	-3.03E-04	2.56E-05	-1.52E-03	0.00E+00	0.00E+00	-7.71E-10	-2.56E-08	-6.47E-04	-1.53E+00	0.00E+00	0.00E+00	-6.14E-01	0.00E+00	-4.44E-01	0.00E+00	-2.22E-09	-8.50E-09	-6.78E-04	-2.12E-10	-2.82E-01	0.00E+00	-4.44E-01	-1.28E-05	-4.44E-01	-3.62E-01	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
WH23595206Q	-3.87E-03	-5.51E-02	-5.99E-05	-2.64E-02	0.00E+00	0.00E+00	-6.57E-01	-3.03E-04	2.56E-05	-1.52E-03	0.00E+00	0.00E+00	-7.71E-10	-2.56E-08	-6.47E-04	-1.53E+00	0.00E+00	0.00E+00	-6.14E-01	0.00E+00	-4.44E-01	0.00E+00	-2.22E-09	-8.50E-09	-6.78E-04	-2.12E-10	-2.82E-01	0.00E+00	-4.44E-01	-1.28E-05	-4.44E-01	-3.62E-01	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
WH23596200Q	6.07E-04	4.99E-02	1.52E-03	4.84E-02	0.00E+00	0.00E+00	1.94E-01	-6.99E-06	4.56E-04	3.99E-04	0.00E+00	0.00E+00	-1.53E-10	4.06E-09	1.37E-03	9.15E-02	0.00E+00	0.00E+00	1.12E-01	0.00E+00	1.88E-01	0.00E+00	2.67E-09	2.97E-10	7.12E-05	0.00E+00	3.21E-02	0.00E+00	1.88E-01	-3.59E-07	1.88E-01	2.21E-01	3.21E-02	0.00E+00	0.00E+00	0.00E+00	3.44E+00
WH23596203Q	-4.35E-03	-2.03E-01	4.61E-04	-7.20E-02	0.00E+00	0.00E+00	-9.26E-01	-6.35E-04	1.74E-05	-1.56E-03	0.00E+00	0.00E+00	-1.05E-09	-6.52E-08	8.94E-04	-3.28E+00	0.00E+00	0.00E+00	-3.66E-01	0.00E+00	1.69E-01	0.00E+00	4.51E-10	-1.15E-08	-8.82E-04	-2.12E-10	-4.01E-01	0.00E+00	1.69E-01	-1.42E-05	1.69E-01	-8.08E-01	-4.01E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
WH23596204Q	-4.35E-03	-2.03E-01	4.61E-04	-7.20E-02	0.00E+00	0.00E+00	-9.26E-01	-6.35E-04	1.74E-05	-1.56E-03	0.00E+00	0.00E+00	-1.05E-09	-6.52E-08	8.94E-04	-3.28E+00	0.00E+00	0.00E+00	-3.66E-01	0.00E+00	1.69E-01	0.00E+00	4.51E-10	-1.15E-08	-8.82E-04	-2.12E-10	-4.01E-01	0.00E+00	1.69E-01	-1.42E-05	1.69E-01	-8.08E-01	-4.01E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
WH23596205Q	-4.35E-03	-2.03E-01	4.61E-04	-7.20E-02	0.00E+00	0.00E+00	-9.26E-01	-6.35E-04	1.74E-05	-1.56E-03	0.00E+00	0.00E+00	-1.05E-09	-6.52E-08	8.94E-04	-3.28E+00	0.00E+00	0.00E+00	-3.66E-01	0.00E+00	1.69E-01	0.00E+00	4.51E-10	-1.15E-08	-8.82E-04	-2.12E-10	-4.01E-01	0.00E+00	1.69E-01	-1.42E-05	1.69E-01	-8.08E-01	-4.01E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
WH23596206Q	-4.35E-03	-2.03E-01	4.61E-04	-7.20E-02	0.00E+00	0.00E+00	-9.26E-01	-6.35E-04	1.74E-05	-1.56E-03	0.00E+00	0.00E+00	-1.05E-09	-6.52E-08	8.94E-04	-3.28E+00	0.00E+00	0.00E+00	-3.66E-01	0.00E+00	1.69E-01	0.00E+00	4.51E-10	-1.15E-08	-8.82E-04	-2.12E-10	-4.01E-01	0.00E+00	1.69E-01	-1.42E-05	1.69E-01	-8.08E-01	-4.01E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
WH23596209Q	-4.35E-03	-2.03E-01	4.61E-04	-7.20E-02	0.00E+00	0.00E+00	-9.26E-01	-6.35E-04	1.74E-05	-1.56E-03	0.00E+00	0.00E+00	-1.05E-09	-6.52E-08	8.94E-04	-3.28E+00	0.00E+00	0.00E+00	-3.66E-01	0.00E+00	1.69E-01	0.00E+00	4.51E-10	-1.15E-08	-8.82E-04	-2.12E-10	-4.01E-01	0.00E+00	1.69E-01	-1.42E-05	1.69E-01	-8.08E-01	-4.01E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
WH23600700Q	-8.84E-03	-1.32E-01	-1.72E-03	-1.30E-01	0.00E+00	0.00E+00	-2.09E+00	-8.77E-04	-4.06E-04	-5.18E-03	0.00E+00	0.00E+00	-1.24E-09	-1.02E-07	-1.75E-03	-4.72E+00	0.00E+00	0.00E+00	-1.73E+00	0.00E+00	-8.48E-01	0.00E+00	-4.27E-09	-1.94E-08	-1.50E-03	0.00E+00	-7.49E-01	0.00E+00	-8.48E-01	-2.54E-05	-8.48E-01	-1.60E+00	-7.49E-01	0.00E+00	0.00E+00	0.00E+00	-7.41E+01
WH23620300Q	-6.79E-03	-3.92E-02	-8.51E-04	-3.84E-02	0.00E+00	0.00E+00	-1.51E+00	-6.84E-04	-2.84E-04	-3.74E-03	0.00E+00	0.00E+00	-8.17E-10	-7.95E-08	-5.23E-04	-6.89E-01	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	-3.59E-01	0.00E+00	-1.48E-09	-1.21E-08	-1.06E-03	0.00E+00	-1.34E-01	0.00E+00	-3.59E-01	-1.97E-05	-3.59E-01	-4.93E-01	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-5.19E+01
WH23620303Q	-4.22E-03	1.34E-02	5.90E-05	1.12E-03	0.00E+00	0.00E+00	-6.89E-01	-3.97E-04	-4.23E-05	-2.32E-03	0.00E+00	0.00E+00	-5.15E-10	-4.93E-08	2.21E-04	-6.11E-01	0.00E+00	0.00E+00	-6.11E-01	0.00E+00	-3.83E-02	0.00E+00	5.23E-10	-6.65E-09	-5.37E-04	-2.12E-10	-7.66E-02	0.00E+00	-3.83E-02	-1.59E-05	-3.83E-02	-1.18E-01	-7.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH23620304Q	-4.22E-03	1.34E-02	5.90E-05	1.12E-03	0.00E+00	0.00E+00	-6.89E-01	-3.97E-04	-4.23E-05	-2.32E-03	0.00E+00	0.00E+00	-5.15E-10	-4.93E-08	2.21E-04	-6.11E-01	0.00E+00	0.00E+00	-6.11E-01	0.00E+00	-3.83E-02	0.00E+00	5.23E-10	-6.65E-09	-5.37E-04	-2.12E-10	-7.66E-02	0.00E+00	-3.83E-02	-1.59E-05	-3.83E-02	-1.18E-01	-7.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH23620305Q	-4.22E-03	1.34E-02	5.90E-05	1.12E-03	0.00E+00	0.00E+00	-6.89E-01	-3.97E-04	-4.23E-05	-2.32E-03	0.00E+00	0.00E+00	-5.15E-10	-4.93E-08	2.21E-04	-6.11E-01	0.00E+00	0.00E+00	-6.11E-01	0.00E+00	-3.83E-02	0.00E+00	5.23E-10	-6.65E-09	-5.37E-04	-2.12E-10	-7.66E-02	0.00E+00	-3.83E-02	-1.59E-05	-3.83E-02	-1.18E-01	-7.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH23620306Q	-4.22E-03	1.34E-02	5.90E-05	1.12E-03	0.00E+00	0.00E+00	-6.89E-01	-3.97E-04	-4.23E-05	-2.32E-03	0.00E+00	0.00E+00	-5.15E-10	-4.93E-08	2.21E-04	-6.11E-01	0.00E+00	0.00E+00	-6.11E-01	0.00E+00	-3.83E-02	0.00E+00	5.23E-10	-6.65E-09	-5.37E-04	-2.12E-10	-7.66E-02	0.00E+00	-3.83E-02	-1.59E-05	-3.83E-02	-1.18E-01	-7.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH23620307Q	-4.22E-03	1.34E-02	5.90E-05	1.12E-03	0.00E+00	0.00E+00	-6.89E-01	-3.97E-04	-4.23E-05	-2.32E-03	0.00E+00	0.00E+00	-5.15E-10	-4.93E-08	2.21E-04	-6.11E-01	0.00E+00	0.00E+00	-6.11E-01	0.00E+00	-3.83E-02	0.00E+00	5.23E-10	-6.65E-09	-5.37E-04	-2.12E-10	-7.66E-02	0.00E+00	-3.83E-02	-1.59E-05	-3.83E-02	-1.18E-01	-7.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH23620309Q	-4.22E-03	1.34E-02	5.90E-05	1.12E-03	0.00E+00	0.00E+00	-6.89E-01	-3.97E-04	-4.23E-05	-2.32E-03	0.00E+00	0.00E+00	-5.15E-10	-4.93E-08	2.21E-04	-6.11E-01	0.00E+00	0.00E+00	-6.11E-01	0.00E+00	-3.83E-02	0.00E+00	5.23E-10	-6.65E-09	-5.37E-04	-2.12E-10	-7.66E-02	0.00E+00	-3.83E-02	-1.59E-05	-3.83E-02	-1.18E-01	-7.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH23620700Q	-4.21E-03	1.05E-02	1.44E-04	-6.09E-03	0.00E+00	0.00E+00	-6.89E-01	-3.63E-04	-8.29E-05	-2.51E-03	0.00E+00	0.00E+00	-5.58E-10	-4.83E-08	5.62E-04	-6.34E-01	0.00E+00	0.00E+00	-6.61E-01	0.00E+00	-2.87E-02	0.00E+00	2.40E-10	-6.58E-09	-5.91E-04	-2.12E-10	-8.22E-02	0.00E+00	-2.87E-02	-1.56E-05	-2.87E-02	-1.38E-01	-8.22E-02	0.00E+00	0.00E+00	0.00E+00	-2.81E+01
WH23620703Q	-4.22E-03	1.34E-02	4.83E-05	1.12E-03	0.00E+00	0.00E+00	-6.91E-01	-4.04E-04	-6.02E-05	-2.32E-03	0.00E+00	0.00E+00	-5.25E-10	-4.96E-08	2.36E-04	-6.11E-01	0.00E+00	0.00E+00	-6.26E-01	0.00E+00	-3.83E-02	0.00E+00	5.18E-10	-6.62E-09	-5.37E-04	-2.12E-10	-7.66E-02	0.00E+00	-3.83E-02	-1.59E-05	-3.83E-02	-1.18E-01	-7.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH23620705Q	-4.22E-03	1.34E-02	4.83E-05	1.12E-03	0.00E+00	0.00E+00	-6.91E-01	-4.04E-04	-6.02E-05	-2.32E-03	0.00E+00	0.00E+00	-5.25E-10	-4.96E-08	2.36E-04	-6.11E-01	0.00E+00	0.00E+00	-6.26E-01	0.00E+00	-3.83E-02	0.00E+00	5.18E-10	-6.62E-09	-5.37E-04	-2.12E-10	-7.66E-02	0.00E+00	-3.83E-02	-1.59E-05	-3.83E-02	-1.18E-01	-7.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH23620709Q	-4.22E-03	1.34E-02	4.83E-05	1.12E-03	0.00E+00	0.00E+00	-6.91E-01	-4.04E-04	-6.02E-05	-2.32E-03	0.00E+00	0.00E+00	-5.25E-10	-4.96E-08	2.36E-04	-6.11E-01	0.00E+00	0.00E+00	-6.26E-01	0.00E+00	-3.83E-02	0.00E+00	5.18E-10	-6.62E-09	-5.37E-04	-2.12E-10	-7.66E-02	0.00E+00	-3.83E-02	-1.59E-05	-3.83E-02	-1.18E-01	-7.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH23623300Q	-4.13E-03	1.23E-02	2.51E-04	-8.04E-03	0.00E+00	0.00E+00	-6.98E-01	-3.65E-04	6.34E-05	-2.19E-03	0.00E+00	0.00E+00	-5.16E-10	-3.78E-08	6.03E-04	-6.15E-01	0.00E+00	0.00E+00	-5.44E-01	0.00E+00	-2.87E-02	0.00E+00	2.76E-10	-6.27E-09	-5.29E-04	-2.12E-10	-8.01E-02	0.00E+00	-2.87E-02	-1.56E-05	-2.87E-02	-1.35E-01	-8.01E-02	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
WH23623303Q	-4.25E-03	1.51E-02	1.83E-04	-8.32E-04	0.00E+00	0.00E+00	-6.98E-01	-3.93E-04	8.46E-05	-1.93E-03	0.00E+00	0.00E+00	-4.84E-10	-3.80E-08	2.95E-04	-5.88E-01	0.00E+00	0.00E+00	-4.85E-01	0.00E+00	-3.83E-02	0.00E+00	5.53E-10	-6.22E-09	-4.68E-04	-2.12E-10	-7.51E-02	0.00E+00	-3.83E-02	-1.63E-05	-3.83E-02	-1.16E-01	-7.51E-02	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
WH23623304Q	-4.25E-03	1.51E-02	1.83E-04	-8.32E-04	0.00E+00	0.00E+00	-6.98E-01	-3.93E-04	8.46E-05	-1.93E-03	0.00E+00	0.00E+00	-4.84E-10	-3.80E-08	2.95E-04	-5.88E-01	0.00E+00	0.00E+00	-4.85E-01	0.00E+00	-3.83E-02	0.00E+00	5.53E-10	-6.22E-09	-4.68E-04	-2.12E-10	-7.51E-02	0.00E+00	-3.83E-02	-1.63E-05	-3.83E-02	-1.16E-01	-7.51E-02	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
WH23623309Q	-4.25E-03	1.51E-02	1.83E-04	-8.32E-04	0.00E+00	0.00E+00	-6.98E-01	-3.93E-04	8.46E-05	-1.93E-03	0.00E+00	0.00E+00	-4.84E-10	-3.80E-08	2.95E-04	-5.88E-01	0.00E+00	0.00E+00	-4.85E-01	0.00E+00	-3.83E-02	0.00E+00	5.53E-10	-6.22E-09	-4.68E-04	-2.12E-10	-7.51E-02	0.00E+00	-3.83E-02	-1.63E-05	-3.83E-02	-1.16E-01	-7.51E-02	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
WH23625300Q	3.95E-04	-1.09E-02	1.12E-03	-1.20E-02	0.00E+00	0.00E+00	1.35E-01	-1.75E-05	4.24E-04	-1.27E-04	0.00E+00	0.00E+00	-1.77E-10	2.83E-09	6.45E-04	-1.57E-01	0.00E+00	0.00E+00	5.47E-02	0.00E+00	-1.44E-04	0.00E+00	8.33E-10	-8.92E-10	-5.34E-05	0.00E+00	-1.05E-02	0.00E+00	-1.44E-04	-7.75E-07	-1.44E-04	-1.06E-02	-1.05E-02	0.00E+00	0.00E+00	0.00E+00	1.43E+00
WH23625303Q	-4.20E-03	2.02E-02	1.29E-04	1.13E-02	0.00E+00	0.00E+00	-7.22E-01	-4.14E-04	-2.24E-05	-2.09E-03	0.00E+00	0.00E+00	-5.06E-10	-4.80E-08	4.26E-04	-8.92E-01	0.00E+00	0.00E+00	-5.39E-01	0.00E+00	1.01E-01	0.00E+00	5.93E-10	-6.50E-09	-5.76E-04	-2.12E-10	-9.94E-02	0.00E+00	1.01E-01	-1.64E-05	1.01E-01	6.06E-02	-9.94E-02	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
WH23625304Q	-4.20E-03	2.02E-02	1.29E-04	1.13E-02	0.00E+00	0.00E+00	-7.22E-01	-4.14E-04	-2.24E-05	-2.09E-03	0.00E+00	0.00E+00	-5.06E-10	-4.80E-08	4.26E-04	-8.92E-01	0.00E+00	0.00E+00	-5.39E-01	0.00E+00	1.01E-01	0.00E+00	5.93E-10	-6.50E-09	-5.76E-04	-2.12E-10	-9.94E-02	0.00E+00	1.01E-01	-1.64E-05	1.01E-01	6.06E-02	-9.94E-02	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
WH23625305Q	-4.20E-03	2.02E-02	1.29E-04	1.13E-02	0.00E+00	0.00E+00	-7.22E-01	-4.14E-04	-2.24E-05	-2.09E-03	0.00E+00	0.00E+00	-5.06E-10	-4.80E-08	4.26E-04	-8.92E-01	0.00E+00	0.00E+00	-5.39E-01	0.00E+00	1.01E-01	0.00E+00	5.93E-10	-6.50E-09	-5.76E-04	-2.12E-10	-9.94E-02	0.00E+00	1.01E-01	-1.64E-05	1.01E-01	6.06E-02	-9.94E-02	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
WH23625306Q	-4.20E-03	2.02E-02	1.29E-04	1.13E-02	0.00E+00	0.00E+00	-7.22E-01	-4.14E-04	-2.24E-05	-2.09E-03	0.00E+00	0.00E+00	-5.06E-10	-4.80E-08	4.26E-04	-8.92E-01	0.00E+00	0.00E+00	-5.39E-01	0.00E+00	1.01E-01	0.00E+00	5.93E-10	-6.50E-09	-5.76E-04	-2.12E-10	-9.94E-02	0.00E+00	1.01E-01	-1.64E-05	1.01E-01	6.06E-02	-9.94E-02	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
WH23625309Q	-4.20E-03	2.02E-02	1.29E-04	1.13E-02	0.00E+00	0.00E+00	-7.22E-01	-4.14E-04	-2.24E-05	-2.09E-03	0.00E+00	0.00E+00	-5.06E-10	-4.80E-08	4.26E-04	-8.92E-01	0.00E+00	0.00E+00	-5.39E-01	0.00E+00	1.01E-01	0.00E+00	5.93E-10	-6.50E-09	-5.76E-04	-2.12E-10	-9.94E-02	0.00E+00	1.01E-01	-1.64E-05	1.01E-01	6.06E-02	-9.94E-02	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
WH23625700Q	-4.10E-03	1.44E-02	1.93E-04	-1.44E-03	0.00E+00	0.00E+00	-6.51E-01	-3.82E-04	-3.87E-05	-2.32E-03	0.00E+00	0.00E+00	-5.25E-10	-4.69E-08	4.51E-04	-5.96E-01	0.00E+00	0.00E+00	-6.10E-01	0.00E+00	-3.83E-02	0.00E+00	4.54E-10	-6.49E-09	-5.01E-04	-2.12E-10	-7.27E-02	0.00E+00	-3.83E-02	-1.50E-05	-3.83E-02	-1.42E-01	-7.27E-02	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
WH23625704Q	-4.31E-03	1.40E-02	1.26E-04	4.53E-04	0.00E+00	0.00E+00	-7.15E-01	-4.22E-04	-4.68E-05	-2.37E-03	0.00E+00	0.00E+00	-5.21E-10	-4.85E-08	1.44E-04	-6.14E-01	0.00E+00	0.00E+00	-6.22E-01	0.00E+00	-2.75E-02	0.00E+00	3.87E-10	-6.82E-09	-5.24E-04	-2.12E-10	-7.96E-02	0.00E+00	-2.75E-02	-1.61E-05	-2.75E-02	-1.27E-01	-7.96E-02	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
WH23628300Q	-4.05E-03	1.58E-02	2.12E-04	-2.24E-03	0.00E+00	0.00E+00	-6.73E-01	-3.74E-04	9.18E-05	-1.96E-03	0.00E+00	0.00E+00	-4.84E-10	-3.72E-08	5.09E-04	-5.72E-01	0.00E+00	0.00E+00	-4.76E-01	0.00E+00	-3.83E-02	0.00E+00	4.89E-10	-6.12E-09	-4.82E-04	-2.12E-10	-7.04E-02	0.00E+00	-3.83E-02	-1.56E-05	-3.83E-02	-1.31E-01	-7.04E-02	0.00E+00	0.00E+00	0.00E+00	-2.51E+01
WH23628307Q	-4.34E-03	1.54E-02	1.77E-04	-5.34E-04	0.00E+00	0.00E+00	-7.29E-01	-4.01E-04	8.48E-05	-1.92E-03	0.00E+00	0.00E+00	-4.84E-10	-3.81E-08	1.76E-04	-5.95E-01	0.00E+00	0.00E+00	-4.88E-01	0.00E+00	-2.75E-02	0.00E+00	4.42E-10	-6.40E-09	-4.97E-04	-2.12E-10	-7.74E-02	0.00E+00	-2.75E-02	-1.66E-05	-2.75E-02	-1.16E-01	-7.74E-02	0.00E+00	0.00E+00	0.00E+00	-2.68E+01
WH23640300Q	-9.65E-03	-6.24E-02	-1.44E-03	-6.09E-02	0.00E+00	0.00E+00	-2.20E+00	-9.68E-04	-4.18E-04	-5.35E-03	0.00E+00	0.00E+00	-1.17E-09	-1.13E-07	-1.12E-03	-1.04E+00	0.00E+00	0.00E+00	-1.73E+00	0.00E+00	-5.93E-01	0.00E+00	-2.75E-09	-1.75E-08	-1.52E-03	0.00E+00	-2.05E-01	0.00E+00	-5.93E-01	-2.79E-05	-5.93E-01	-7.99E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-7.51E+01
WH23640303Q	-4.09E-03	-5.41E-02	3.87E-04	-4.10E-02	0.00E+00	0.00E+00	-8.05E-01	-5.82E-04	1.16E-04	-1.42E-03	0.00E+00	0.00E+00	-9.72E-10	-6.29E-08	-1.49E-03	-1.32E+00	0.00E+00	0.00E+00	-3.98E-01	0.00E+00	-1.46E-01	0.00E+00	3.95E-10	-9.13E-09	-6.48E-04	-2.12E-10	-2.20E-01	0.00E+00	-1.46E-01	-1.43E-05	-1.46E-01	-7.84E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
WH23640304Q	-4.09E-03	-5.41E-02	3.87E-04	-4.10E-02	0.00E+00	0.00E+00	-8.05E-01	-5.82E-04	1.16E-04	-1.42E-03	0.00E+00	0.00E+00	-9.72E-10	-6.29E-08	-1.49E-03	-1.32E+00	0.00E+00	0.00E+00	-3.98E-01	0.00E+00	-1.46E-01	0.00E+00	3.95E-10	-9.13E-09	-6.48E-04	-2.12E-10	-2.20E-01	0.00E+00	-1.46E-01	-1.43E-05	-1.46E-01	-7.84E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
WH23640305Q	-4.09E-03	-5.41E-02	3.87E-04	-4.10E-02	0.00E+00	0.00E+00	-8.05E-01	-5.82E-04	1.16E-04	-1.42E-03	0.00E+00	0.00E+00	-9.72E-10	-6.29E-08	-1.49E-03	-1.32E+00	0.00E+00	0.00E+00	-3.98E-01	0.00E+00	-1.46E-01	0.00E+00	3.95E-10	-9.13E-09	-6.48E-04	-2.12E-10	-2.20E-01	0.00E+00	-1.46E-01	-1.43E-05	-1.46E-01	-7.84E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
WH23640306Q	-4.09E-03	-5.41E-02	3.87E-04	-4.10E-02	0.00E+00	0.00E+00	-8.05E-01	-5.82E-04	1.16E-04	-1.42E-03	0.00E+00	0.00E+00	-9.72E-10	-6.29E-08	-1.49E-03	-1.32E+00	0.00E+00	0.00E+00	-3.98E-01	0.00E+00	-1.46E-01	0.00E+00	3.95E-10	-9.13E-09	-6.48E-04	-2.12E-10	-2.20E-01	0.00E+00	-1.46E-01	-1.43E-05	-1.46E-01	-7.84E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
WH23640307Q	-4.09E-03	-5.41E-02	3.87E-04	-4.10E-02	0.00E+00	0.00E+00	-8.05E-01	-5.82E-04	1.16E-04	-1.42E-03	0.00E+00	0.00E+00	-9.72E-10	-6.29E-08	-1.49E-03	-1.32E+00	0.00E+00	0.00E+00	-3.98E-01	0.00E+00	-1.46E-01	0.00E+00	3.95E-10	-9.13E-09	-6.48E-04	-2.12E-10	-2.20E-01	0.00E+00	-1.46E-01	-1.43E-05	-1.46E-01	-7.84E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
WH23640309Q	-4.09E-03	-5.41E-02	3.87E-04	-4.10E-02	0.00E+00	0.00E+00	-8.05E-01	-5.82E-04	1.16E-04	-1.42E-03	0.00E+00	0.00E+00	-9.72E-10	-6.29E-08	-1.49E-03	-1.32E+00	0.00E+00	0.00E+00	-3.98E-01	0.00E+00	-1.46E-01	0.00E+00	3.95E-10	-9.13E-09	-6.48E-04	-2.12E-10	-2.20E-01	0.00E+00	-1.46E-01	-1.43E-05	-1.46E-01	-7.84E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
WH23640700Q	-4.26E-03	-6.51E-02	1.17E-04	-5.02E-02	0.00E+00	0.00E+00	-8.22E-01	-5.73E-04	7.29E-05	-1.55E-03	0.00E+00	0.00E+00	-9.97E-10	-6.23E-08	-1.74E-04	-1.32E+00	0.00E+00	0.00E+00	-4.54E-01	0.00E+00	-1.71E-01	0.00E+00	-2.83E-10	-9.93E-09	-7.57E-04	-2.12E-10	-2.26E-01	0.00E+00	-1.71E-01	-1.51E-05	-1.71E-01	-5.80E-01	-2.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
WH23640703Q	-4.15E-03	-5.44E-02	1.97E-04	-4.24E-02	0.00E+00	0.00E+00	-8.08E-01	-5.78E-04	1.01E-04	-1.47E-03	0.00E+00	0.00E+00	-9.84E-10	-6.24E-08	-1.55E-03	-1.35E+00	0.00E+00	0.00E+00	-4.42E-01	0.00E+00	-1.51E-01	0.00E+00	3.41E-10	-9.14E-09	-6.51E-04	-2.12E-10	-2.22E-01	0.00E+00	-1.51E-01	-1.49E-05	-1.51E-01	-7.84E-01	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH23640704Q	-4.15E-03	-5.44E-02	1.97E-04	-4.24E-02	0.00E+00	0.00E+00	-8.08E-01	-5.78E-04	1.01E-04	-1.47E-03	0.00E+00	0.00E+00	-9.84E-10	-6.24E-08	-1.55E-03	-1.35E+00	0.00E+00	0.00E+00	-4.42E-01	0.00E+00	-1.51E-01	0.00E+00	3.41E-10	-9.14E-09	-6.51E-04	-2.12E-10	-2.22E-01	0.00E+00	-1.51E-01	-1.49E-05	-1.51E-01	-7.84E-01	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH23640705Q	-4.15E-03	-5.44E-02	1.97E-04	-4.24E-02	0.00E+00	0.00E+00	-8.08E-01	-5.78E-04	1.01E-04	-1.47E-03	0.00E+00	0.00E+00	-9.84E-10	-6.24E-08	-1.55E-03	-1.35E+00	0.00E+00	0.00E+00	-4.42E-01	0.00E+00	-1.51E-01	0.00E+00	3.41E-10	-9.14E-09	-6.51E-04	-2.12E-10	-2.22E-01	0.00E+00	-1.51E-01	-1.49E-05	-1.51E-01	-7.84E-01	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH23640707Q	-4.15E-03	-5.44E-02	1.97E-04	-4.24E-02	0.00E+00	0.00E+00	-8.08E-01	-5.78E-04	1.01E-04	-1.47E-03	0.00E+00	0.00E+00	-9.84E-10	-6.24E-08	-1.55E-03	-1.35E+00	0.00E+00	0.00E+00	-4.42E-01	0.00E+00	-1.51E-01	0.00E+00	3.41E-10	-9.14E-09	-6.51E-04	-2.12E-10	-2.22E-01	0.00E+00	-1.51E-01	-1.49E-05	-1.51E-01	-7.84E-01	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH23640709Q	-4.15E-03	-5.44E-02	1.97E-04	-4.24E-02	0.00E+00	0.00E+00	-8.08E-01	-5.78E-04	1.01E-04	-1.47E-03	0.00E+00	0.00E+00	-9.84E-10	-6.24E-08	-1.55E-03	-1.35E+00	0.00E+00	0.00E+00	-4.42E-01	0.00E+00	-1.51E-01	0.00E+00	3.41E-10	-9.14E-09	-6.51E-04	-2.12E-10	-2.22E-01	0.00E+00	-1.51E-01	-1.49E-05	-1.51E-01	-7.84E-01	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH23643300Q	-4.33E-03	1.78E-02	6.40E-04	1.67E-02	0.00E+00	0.00E+00	-8.89E-01	-3.76E-04	8.14E-05	-2.07E-03	0.00E+00	0.00E+00	-5.44E-10	-3.76E-08	1.11E-03	-7.56E-01	0.00E+00	0.00E+00	-5.56E-01	0.00E+00	7.93E-02	0.00E+00	7.24E-10	-6.97E-09	-5.13E-04	-2.12E-10	-9.89E-02	0.00E+00	7.93E-02	-2.04E-05	7.93E-02	6.10E-02	-9.89E-02	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
WH23643304Q	-4.49E-03	2.08E-02	4.84E-04	2.21E-02	0.00E+00	0.00E+00	-9.12E-01	-4.11E-04	9.64E-05	-1.90E-03	0.00E+00	0.00E+00	-5.30E-10	-3.87E-08	5.47E-04	-7.34E-01	0.00E+00	0.00E+00	-5.06E-01	0.00E+00	6.98E-02	0.00E+00	8.64E-10	-7.09E-09	-4.49E-04	-2.12E-10	-9.88E-02	0.00E+00	6.98E-02	-2.12E-05	6.98E-02	7.73E-02	-9.88E-02	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
WH23643305Q	-4.49E-03	2.08E-02	4.84E-04	2.21E-02	0.00E+00	0.00E+00	-9.12E-01	-4.11E-04	9.64E-05	-1.90E-03	0.00E+00	0.00E+00	-5.30E-10	-3.87E-08	5.47E-04	-7.34E-01	0.00E+00	0.00E+00	-5.06E-01	0.00E+00	6.98E-02	0.00E+00	8.64E-10	-7.09E-09	-4.49E-04	-2.12E-10	-9.88E-02	0.00E+00	6.98E-02	-2.12E-05	6.98E-02	7.73E-02	-9.88E-02	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
WH23643309Q	-4.49E-03	2.08E-02	4.84E-04	2.21E-02	0.00E+00	0.00E+00	-9.12E-01	-4.11E-04	9.64E-05	-1.90E-03	0.00E+00	0.00E+00	-5.30E-10	-3.87E-08	5.47E-04	-7.34E-01	0.00E+00	0.00E+00	-5.06E-01	0.00E+00	6.98E-02	0.00E+00	8.64E-10	-7.09E-09	-4.49E-04	-2.12E-10	-9.88E-02	0.00E+00	6.98E-02	-2.12E-05	6.98E-02	7.73E-02	-9.88E-02	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
WH23645300Q	9.47E-04	9.25E-02	2.94E-03	8.96E-02	0.00E+00	0.00E+00	5.15E-01	-9.49E-06	6.75E-04	7.83E-04	0.00E+00	0.00E+00	8.81E-11	5.98E-09	3.02E-03	1.06E-01	0.00E+00	0.00E+00	4.46E-01	0.00E+00	6.98E-01	0.00E+00	5.81E-09	3.11E-09	2.35E-04	0.00E+00	6.99E-02	0.00E+00	6.98E-01	-2.97E-07	6.98E-01	7.68E-01	6.99E-02	0.00E+00	0.00E+00	0.00E+00	1.63E+01
WH23645303Q	-4.56E-03	2.20E-02	7.26E-04	2.37E-02	0.00E+00	0.00E+00	-9.21E-01	-4.30E-04	2.46E-05	-2.10E-03	0.00E+00	0.00E+00	-5.24E-10	-4.53E-08	6.39E-04	-7.55E-01	0.00E+00	0.00E+00	-5.39E-01	0.00E+00	7.78E-02	0.00E+00	7.98E-10	-6.98E-09	-4.41E-04	-2.12E-10	-9.66E-02	0.00E+00	7.78E-02	-2.15E-05	7.78E-02	6.68E-02	-9.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.30E+01
WH23645304Q	-4.56E-03	2.20E-02	7.26E-04	2.37E-02	0.00E+00	0.00E+00	-9.21E-01	-4.30E-04	2.46E-05	-2.10E-03	0.00E+00	0.00E+00	-5.24E-10	-4.53E-08	6.39E-04	-7.55E-01	0.00E+00	0.00E+00	-5.39E-01	0.00E+00	7.78E-02	0.00E+00	7.98E-10	-6.98E-09	-4.41E-04	-2.12E-10	-9.66E-02	0.00E+00	7.78E-02	-2.15E-05	7.78E-02	6.68E-02	-9.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.30E+01
WH23645305Q	-4.56E-03	2.20E-02	7.26E-04	2.37E-02	0.00E+00	0.00E+00	-9.21E-01	-4.30E-04	2.46E-05	-2.10E-03	0.00E+00	0.00E+00	-5.24E-10	-4.53E-08	6.39E-04	-7.55E-01	0.00E+00	0.00E+00	-5.39E-01	0.00E+00	7.78E-02	0.00E+00	7.98E-10	-6.98E-09	-4.41E-04	-2.12E-10	-9.66E-02	0.00E+00	7.78E-02	-2.15E-05	7.78E-02	6.68E-02	-9.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.30E+01
WH23645306Q	-4.37E-03	-1.90E-01	4.71E-04	-7.31E-02	0.00E+00	0.00E+00	-9.75E-01	-7.21E-04	3.23E-05	-1.69E-03	0.00E+00	0.00E+00	-1.07E-09	-7.46E-08	3.74E-05	-3.99E+00	0.00E+00	0.00E+00	-2.75E-01	0.00E+00	1.02E-01	0.00E+00	-6.02E-10	-1.16E-08	-9.19E-04	-2.12E-10	-6.15E-01	0.00E+00	1.02E-01	-1.81E-05	1.02E-01	-9.45E-01	-6.15E-01	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
WH23645309Q	-4.56E-03	2.20E-02	7.26E-04	2.37E-02	0.00E+00	0.00E+00	-9.21E-01	-4.30E-04	2.46E-05	-2.10E-03	0.00E+00	0.00E+00	-5.24E-10	-4.53E-08	6.39E-04	-7.55E-01	0.00E+00	0.00E+00	-5.39E-01	0.00E+00	7.78E-02	0.00E+00	7.98E-10	-6.98E-09	-4.41E-04	-2.12E-10	-9.66E-02	0.00E+00	7.78E-02	-2.15E-05	7.78E-02	6.68E-02	-9.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.30E+01
WH23645700Q	-4.50E-03	2.35E-02	5.33E-04	1.71E-02	0.00E+00	0.00E+00	-7.85E-01	-3.78E-04	1.44E-05	-1.99E-03	0.00E+00	0.00E+00	-5.41E-10	-4.30E-08	1.10E-03	-6.90E-01	0.00E+00	0.00E+00	-5.53E-01	0.00E+00	6.98E-02	0.00E+00	6.85E-10	-6.48E-09	-4.26E-04	-2.12E-10	-8.53E-02	0.00E+00	6.98E-02	-2.07E-05	6.98E-02	5.62E-02	-8.53E-02	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
WH23645703Q	-4.81E-03	2.34E-02	5.43E-04	1.91E-02	0.00E+00	0.00E+00	-8.74E-01	-4.16E-04	4.09E-07	-2.09E-03	0.00E+00	0.00E+00	-5.62E-10	-4.57E-08	5.70E-04	-7.13E-01	0.00E+00	0.00E+00	-5.65E-01	0.00E+00	8.06E-02	0.00E+00	6.49E-10	-6.82E-09	-4.95E-04	-2.12E-10	-9.23E-02	0.00E+00	8.06E-02	-2.19E-05	8.06E-02	7.11E-02	-9.23E-02	0.00E+00	0.00E+00	0.00E+00	-2.85E+01
WH23648300Q	-4.21E-03	2.16E-02	6.01E-04	2.01E-02	0.00E+00	0.00E+00	-8.63E-01	-3.63E-04	1.10E-04	-1.89E-03	0.00E+00	0.00E+00	-5.04E-10	-3.26E-08	1.12E-03	-7.17E-01	0.00E+00	0.00E+00	-4.97E-01	0.00E+00	6.98E-02	0.00E+00	8.69E-10	-6.78E-09	-3.95E-04	-2.12E-10	-9.41E-02	0.00E+00	6.98E-02	-2.03E-05	6.98E-02	6.23E-02	-9.41E-02	0.00E+00	0.00E+00	0.00E+00	-2.33E+01
WH23750100Q	-6.88E-03	-2.38E-02	3.18E-05	-1.84E-02	0.00E+00	0.00E+00	-8.54E-01	-4.18E-04	-3.35E-05	-2.14E-03	0.00E+00	0.00E+00	-5.82E-10	-4.41E-08	-7.73E-05	-2.49E+00	0.00E+00	0.00E+00	-6.87E-01	0.00E+00	-2.57E-02	0.00E+00	3.33E-10	-8.17E-09	-5.29E-04	-2.12E-10	-4.20E-01	0.00E+00	-2.57E-02	-1.22E-05	-2.57E-02	-2.12E-01	-4.20E-01	0.00E+00	0.00E+00	0.00E+00	-3.59E+01
WH23750105Q	-6.88E-03	-2.38E-02	3.18E-05	-1.84E-02	0.00E+00	0.00E+00	-8.54E-01	-4.18E-04	-3.35E-05	-2.14E-03	0.00E+00	0.00E+00	-5.82E-10	-4.41E-08	-7.73E-05	-2.49E+00	0.00E+00	0.00E+00	-6.87E-01	0.00E+00	-2.57E-02	0.00E+00	3.33E-10	-8.17E-09	-5.29E-04	-2.12E-10	-4.20E-01	0.00E+00	-2.57E-02	-1.22E-05	-2.57E-02	-2.12E-01	-4.20E-01	0.00E+00	0.00E+00	0.00E+00	-3.59E+01
WH25580300C	-2.85E-03	-4.70E-02	-8.02E-04	-4.62E-02	0.00E+00	0.00E+00	-7.36E-01	-2.80E-04	-1.34E-04	-1.78E-03	0.00E+00	0.00E+00	-5.34E-10	-3.25E-08	-9.00E-04	-6.02E-01	0.00E+00	0.00E+00	-6.59E-01	0.00E+00	-4.47E-01	0.00E+00	-2.17E-09	-7.05E-09	-5.47E-04	0.00E+00	-1.17E-01	0.00E+00	-4.47E-01	-8.25E-06	-4.47E-01	-5.64E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.81E+01
WH25580303C	-2.56E-03	6.23E-03	2.65E-04	5.97E-03	0.00E+00	0.00E+00	-4.50E-01	-1.82E-04	5.63E-05	-1.07E-03	0.00E+00	0.00E+00	-3.22E-10	-1.84E-08	1.84E-04	-3.65E-01	0.00E+00	0.00E+00	-2.83E-01	0.00E+00	-3.18E-02	0.00E+00	6.28E-10	-2.77E-09	-2.78E-04	-2.12E-10	-5.27E-02	0.00E+00	-3.18E-02	-6.36E-06	-3.18E-02	-1.49E-01	-5.27E-02	0.00E+00	0.00E+00	0.00E+00	-9.24E+00
WH25580304C	-3.62E-03	9.25E-04	1.57E-04	8.39E-04	0.00E+00	0.00E+00	-6.70E-01	-2.89E-04	-2.65E-05	-1.74E-03	0.00E+00	0.00E+00	-5.03E-10	-3.51E-08	4.87E-04	-4.09E-01	0.00E+00	0.00E+00	-7.94E-01	0.00E+00	-4.78E-02	0.00E+00	6.49E-10	-6.63E-09	-5.80E-04	-2.12E-10	-6.63E-02	0.00E+00	-4.78E-02	-9.62E-06	-4.78E-02	-1.78E-01	-6.63E-02	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
WH25580305C	-3.62E-03	9.25E-04	1.57E-04	8.39E-04	0.00E+00	0.00E+00	-6.70E-01	-2.89E-04	-2.65E-05	-1.74E-03	0.00E+00	0.00E+00	-5.03E-10	-3.51E-08	4.87E-04	-4.09E-01	0.00E+00	0.00E+00	-7.94E-01	0.00E+00	-4.78E-02	0.00E+00	6.49E-10	-6.63E-09	-5.80E-04	-2.12E-10	-6.63E-02	0.00E+00	-4.78E-02	-9.62E-06	-4.78E-02	-1.78E-01	-6.63E-02	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
WH25580306C	-2.56E-03	6.23E-03	2.65E-04	5.97E-03	0.00E+00	0.00E+00	-4.50E-01	-1.82E-04	5.63E-05	-1.07E-03	0.00E+00	0.00E+00	-3.22E-10	-1.84E-08	1.84E-04	-3.65E-01	0.00E+00	0.00E+00	-2.83E-01	0.00E+00	-3.18E-02	0.00E+00	6.28E-10	-2.77E-09	-2.78E-04	-2.12E-10	-5.27E-02	0.00E+00	-3.18E-02	-6.36E-06	-3.18E-02	-1.49E-01	-5.27E-02	0.00E+00	0.00E+00	0.00E+00	-9.24E+00
WH25580307C	-2.56E-03	6.23E-03	2.65E-04	5.97E-03	0.00E+00	0.00E+00	-4.50E-01	-1.82E-04	5.63E-05	-1.07E-03	0.00E+00	0.00E+00	-3.22E-10	-1.84E-08	1.84E-04	-3.65E-01	0.00E+00	0.00E+00	-2.83E-01	0.00E+00	-3.18E-02	0.00E+00	6.28E-10	-2.77E-09	-2.78E-04	-2.12E-10	-5.27E-02	0.00E+00	-3.18E-02	-6.36E-06	-3.18E-02	-1.49E-01	-5.27E-02	0.00E+00	0.00E+00	0.00E+00	-9.24E+00
WH25580309C	-2.56E-03	6.23E-03	2.65E-04	5.97E-03	0.00E+00	0.00E+00	-4.50E-01	-1.82E-04	5.63E-05	-1.07E-03	0.00E+00	0.00E+00	-3.22E-10	-1.84E-08	1.84E-04	-3.65E-01	0.00E+00	0.00E+00	-2.83E-01	0.00E+00	-3.18E-02	0.00E+00	6.28E-10	-2.77E-09	-2.78E-04	-2.12E-10	-5.27E-02	0.00E+00	-3.18E-02	-6.36E-06	-3.18E-02	-1.49E-01	-5.27E-02	0.00E+00	0.00E+00	0.00E+00	-9.24E+00
WH25583300C	-2.95E-03	-2.52E-05	2.03E-04	-3.97E-03	0.00E+00	0.00E+00	-5.78E-01	-2.12E-04	-5.83E-07	-1.11E-03	0.00E+00	0.00E+00	-4.35E-10	-2.48E-08	5.85E-04	-3.88E-01	0.00E+00	0.00E+00	-4.81E-01	0.00E+00	-3.48E-02	0.00E+00	4.58E-10	-4.32E-09	-4.92E-04	-2.12E-10	-5.92E-02	0.00E+00	-3.48E-02	-7.48E-06	-3.48E-02	-1.62E-01	-5.92E-02	0.00E+00	0.00E+00	0.00E+00	-1.83E+01
WH25583303C	-2.77E-03	2.57E-03	1.80E-04	4.41E-03	0.00E+00	0.00E+00	-5.63E-01	-2.09E-04	3.70E-06	-1.15E-03	0.00E+00	0.00E+00	-4.10E-10	-2.36E-08	5.10E-04	-3.50E-01	0.00E+00	0.00E+00	-5.17E-01	0.00E+00	-4.34E-02	0.00E+00	6.61E-10	-4.19E-09	-5.26E-04	-2.12E-10	-5.59E-02	0.00E+00	-4.34E-02	-7.76E-06	-4.34E-02	-1.61E-01	-5.59E-02	0.00E+00	0.00E+00	0.00E+00	-1.72E+01
WH25583304C	-2.77E-03	2.57E-03	1.80E-04	4.41E-03	0.00E+00	0.00E+00	-5.63E-01	-2.09E-04	3.70E-06	-1.15E-03	0.00E+00	0.00E+00	-4.10E-10	-2.36E-08	5.10E-04	-3.50E-01	0.00E+00	0.00E+00	-5.17E-01	0.00E+00	-4.34E-02	0.00E+00	6.61E-10	-4.19E-09	-5.26E-04	-2.12E-10	-5.59E-02	0.00E+00	-4.34E-02	-7.76E-06	-4.34E-02	-1.61E-01	-5.59E-02	0.00E+00	0.00E+00	0.00E+00	-1.72E+01
WH25583305C	-2.77E-03	2.57E-03	1.80E-04	4.41E-03	0.00E+00	0.00E+00	-5.63E-01	-2.09E-04	3.70E-06	-1.15E-03	0.00E+00	0.00E+00	-4.10E-10	-2.36E-08	5.10E-04	-3.50E-01	0.00E+00	0.00E+00	-5.17E-01	0.00E+00	-4.34E-02	0.00E+00	6.61E-10	-4.19E-09	-5.26E-04	-2.12E-10	-5.59E-02	0.00E+00	-4.34E-02	-7.76E-06	-4.34E-02	-1.61E-01	-5.59E-02	0.00E+00	0.00E+00	0.00E+00	-1.72E+01
WH25583306C	-3.51E-03	-7.65E-02	-1.77E-04	-5.18E-02	0.00E+00	0.00E+00	-9.63E-01	-6.08E-04	-2.99E-05	-1.65E-03	0.00E+00	0.00E+00	-6.66E-10	-6.89E-08	-9.54E-05	-2.46E+00	0.00E+00	0.00E+00	-4.36E-01	0.00E+00	-1.24E-01	0.00E+00	9.58E-11	-1.08E-08	-8.02E-04	-2.12E-10	-3.78E-01	0.00E+00	-1.24E-01	-1.34E-05	-1.24E-01	-8.64E-01	-3.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.62E+01
WH25585300C	-2.66E-03	-8.30E-03	6.77E-06	-8.30E-03	0.00E+00	0.00E+00	-5.07E-01	-2.72E-04	-1.02E-04	-1.41E-03	0.00E+00	0.00E+00	-3.10E-10	-3.14E-08	3.57E-04	-3.46E-01	0.00E+00	0.00E+00	-4.08E-01	0.00E+00	-1.85E-02	0.00E+00	3.62E-10	-4.45E-09	-4.01E-04	0.00E+00	-5.48E-02	0.00E+00	-1.85E-02	-7.81E-06	-1.85E-02	-7.33E-02	-5.48E-02	0.00E+00	0.00E+00	0.00E+00	-1.83E+01
WH25585303C	-2.64E-03	6.48E-03	2.60E-04	7.89E-03	0.00E+00	0.00E+00	-4.61E-01	-1.81E-04	5.33E-05	-1.12E-03	0.00E+00	0.00E+00	-3.15E-10	-1.88E-08	2.18E-04	-3.55E-01	0.00E+00	0.00E+00	-2.93E-01	0.00E+00	-2.74E-02	0.00E+00	6.34E-10	-2.81E-09	-2.90E-04	-2.12E-10	-5.27E-02	0.00E+00	-2.74E-02	-6.59E-06	-2.74E-02	-1.49E-01	-5.27E-02	0.00E+00	0.00E+00	0.00E+00	-9.16E+00
WH25585304C	-2.64E-03	6.48E-03	2.60E-04	7.89E-03	0.00E+00	0.00E+00	-4.61E-01	-1.81E-04	5.33E-05	-1.12E-03	0.00E+00	0.00E+00	-3.15E-10	-1.88E-08	2.18E-04	-3.55E-01	0.00E+00	0.00E+00	-2.93E-01	0.00E+00	-2.74E-02	0.00E+00	6.34E-10	-2.81E-09	-2.90E-04	-2.12E-10	-5.27E-02	0.00E+00	-2.74E-02	-6.59E-06	-2.74E-02	-1.49E-01	-5.27E-02	0.00E+00	0.00E+00	0.00E+00	-9.16E+00
WH25585305C	-2.64E-03	6.48E-03	2.60E-04	7.89E-03	0.00E+00	0.00E+00	-4.61E-01	-1.81E-04	5.33E-05	-1.12E-03	0.00E+00	0.00E+00	-3.15E-10	-1.88E-08	2.18E-04	-3.55E-01	0.00E+00	0.00E+00	-2.93E-01	0.00E+00	-2.74E-02	0.00E+00	6.34E-10	-2.81E-09	-2.90E-04	-2.12E-10	-5.27E-02	0.00E+00	-2.74E-02	-6.59E-06	-2.74E-02	-1.49E-01	-5.27E-02	0.00E+00	0.00E+00	0.00E+00	-9.16E+00
WH25585306C	-2.64E-03	6.48E-03	2.60E-04	7.89E-03	0.00E+00	0.00E+00	-4.61E-01	-1.81E-04	5.33E-05	-1.12E-03	0.00E+00	0.00E+00	-3.15E-10	-1.88E-08	2.18E-04	-3.55E-01	0.00E+00	0.00E+00	-2.93E-01	0.00E+00	-2.74E-02	0.00E+00	6.34E-10	-2.81E-09	-2.90E-04	-2.12E-10	-5.27E-02	0.00E+00	-2.74E-02	-6.59E-06	-2.74E-02	-1.49E-01	-5.27E-02	0.00E+00	0.00E+00	0.00E+00	-9.16E+00
WH25585307C	-2.64E-03	6.48E-03	2.60E-04	7.89E-03	0.00E+00	0.00E+00	-4.61E-01	-1.81E-04	5.33E-05	-1.12E-03	0.00E+00	0.00E+00	-3.15E-10	-1.88E-08	2.18E-04	-3.55E-01	0.00E+00	0.00E+00	-2.93E-01	0.00E+00	-2.74E-02	0.00E+00	6.34E-10	-2.81E-09	-2.90E-04	-2.12E-10	-5.27E-02	0.00E+00	-2.74E-02	-6.59E-06	-2.74E-02	-1.49E-01	-5.27E-02	0.00E+00	0.00E+00	0.00E+00	-9.16E+00

WH25585309C	-2.64E-03	6.48E-03	2.60E-04	7.89E-03	0.00E+00	0.00E+00	-4.61E-01	-1.81E-04	5.33E-05	-1.12E-03	0.00E+00	0.00E+00	-3.15E-10	-1.88E-08	2.18E-04	-3.55E-01	0.00E+00	0.00E+00	-2.93E-01	0.00E+00	-2.74E-02	0.00E+00	6.34E-10	-2.81E-09	-2.90E-04	-2.12E-10	-5.27E-02	0.00E+00	-2.74E-02	-6.59E-06	-2.74E-02	-1.49E-01	-5.27E-02	0.00E+00	0.00E+00	0.00E+00	-9.16E+00
WH25585400C	-4.00E-03	-5.25E-02	-2.37E-04	-3.87E-02	0.00E+00	0.00E+00	-7.05E-01	-2.84E-04	-4.32E-05	-1.57E-03	0.00E+00	0.00E+00	-7.80E-10	-2.90E-08	-9.44E-04	-4.35E-01	0.00E+00	0.00E+00	-8.10E-01	0.00E+00	-4.83E-01	0.00E+00	-2.29E-09	-9.10E-09	-6.36E-04	-2.12E-10	-9.54E-02	0.00E+00	-4.83E-01	-1.09E-05	-4.83E-01	-5.43E-01	-9.54E-02	0.00E+00	0.00E+00	0.00E+00	-3.07E+01
WH25585403C	-3.08E-03	-4.53E-02	3.61E-05	-3.24E-02	0.00E+00	0.00E+00	-4.82E-01	-2.07E-04	4.44E-05	-1.08E-03	0.00E+00	0.00E+00	-5.22E-10	-2.02E-08	-5.30E-04	-3.61E-01	0.00E+00	0.00E+00	-3.75E-01	0.00E+00	-4.52E-01	0.00E+00	-2.13E-09	-5.87E-09	-3.00E-04	-2.12E-10	-7.94E-02	0.00E+00	-4.52E-01	-7.46E-06	-4.52E-01	-5.05E-01	-7.94E-02	0.00E+00	0.00E+00	0.00E+00	-1.43E+01
WH25585405C	-3.08E-03	-4.53E-02	3.61E-05	-3.24E-02	0.00E+00	0.00E+00	-4.82E-01	-2.07E-04	4.44E-05	-1.08E-03	0.00E+00	0.00E+00	-5.22E-10	-2.02E-08	-5.30E-04	-3.61E-01	0.00E+00	0.00E+00	-3.75E-01	0.00E+00	-4.52E-01	0.00E+00	-2.13E-09	-5.87E-09	-3.00E-04	-2.12E-10	-7.94E-02	0.00E+00	-4.52E-01	-7.46E-06	-4.52E-01	-5.05E-01	-7.94E-02	0.00E+00	0.00E+00	0.00E+00	-1.43E+01
WH25585409C	-3.08E-03	-4.53E-02	3.61E-05	-3.24E-02	0.00E+00	0.00E+00	-4.82E-01	-2.07E-04	4.44E-05	-1.08E-03	0.00E+00	0.00E+00	-5.22E-10	-2.02E-08	-5.30E-04	-3.61E-01	0.00E+00	0.00E+00	-3.75E-01	0.00E+00	-4.52E-01	0.00E+00	-2.13E-09	-5.87E-09	-3.00E-04	-2.12E-10	-7.94E-02	0.00E+00	-4.52E-01	-7.46E-06	-4.52E-01	-5.05E-01	-7.94E-02	0.00E+00	0.00E+00	0.00E+00	-1.43E+01
WH25588300C	-2.83E-03	3.68E-03	2.44E-04	4.09E-03	0.00E+00	0.00E+00	-5.58E-01	-2.08E-04	1.67E-05	-1.08E-03	0.00E+00	0.00E+00	-4.17E-10	-2.35E-08	6.09E-04	-3.54E-01	0.00E+00	0.00E+00	-4.99E-01	0.00E+00	-4.34E-02	0.00E+00	5.57E-10	-4.21E-09	-5.02E-04	-2.12E-10	-5.63E-02	0.00E+00	-4.34E-02	-7.82E-06	-4.34E-02	-1.64E-01	-5.63E-02	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
WH25588304C	-2.90E-03	2.82E-03	2.02E-04	6.34E-03	0.00E+00	0.00E+00	-5.65E-01	-2.05E-04	2.20E-06	-1.07E-03	0.00E+00	0.00E+00	-4.12E-10	-2.39E-08	5.47E-04	-3.40E-01	0.00E+00	0.00E+00	-5.30E-01	0.00E+00	-3.90E-02	0.00E+00	6.81E-10	-4.23E-09	-5.42E-04	-2.12E-10	-5.59E-02	0.00E+00	-3.90E-02	-8.24E-06	-3.90E-02	-1.61E-01	-5.59E-02	0.00E+00	0.00E+00	0.00E+00	-1.78E+01
WH25588305C	-2.90E-03	2.82E-03	2.02E-04	6.34E-03	0.00E+00	0.00E+00	-5.65E-01	-2.05E-04	2.20E-06	-1.07E-03	0.00E+00	0.00E+00	-4.12E-10	-2.39E-08	5.47E-04	-3.40E-01	0.00E+00	0.00E+00	-5.30E-01	0.00E+00	-3.90E-02	0.00E+00	6.81E-10	-4.23E-09	-5.42E-04	-2.12E-10	-5.59E-02	0.00E+00	-3.90E-02	-8.24E-06	-3.90E-02	-1.61E-01	-5.59E-02	0.00E+00	0.00E+00	0.00E+00	-1.78E+01
WH25592200C	-3.38E-03	-6.52E-02	-1.14E-03	-6.41E-02	0.00E+00	0.00E+00	-9.54E-01	-3.33E-04	-1.21E-04	-2.28E-03	0.00E+00	0.00E+00	-1.08E-09	-3.80E-08	-1.28E-03	-3.65E-01	0.00E+00	0.00E+00	-1.04E+00	0.00E+00	-9.30E-01	0.00E+00	-3.56E-09	-1.17E-08	-8.14E-04	0.00E+00	-1.05E-01	0.00E+00	-9.30E-01	-1.25E-05	-9.30E-01	-1.04E+00	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-4.43E+01
WH25592203C	-2.99E-03	-4.96E-02	-1.75E-05	-3.57E-02	0.00E+00	0.00E+00	-4.84E-01	-2.14E-04	4.23E-05	-1.03E-03	0.00E+00	0.00E+00	-5.47E-10	-1.99E-08	-5.44E-04	-3.60E-01	0.00E+00	0.00E+00	-3.87E-01	0.00E+00	-4.79E-01	0.00E+00	-2.24E-09	-6.28E-09	-3.01E-04	-2.12E-10	-8.07E-02	0.00E+00	-4.79E-01	-7.80E-06	-4.79E-01	-5.26E-01	-8.07E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH25592204C	-2.99E-03	-4.96E-02	-1.75E-05	-3.57E-02	0.00E+00	0.00E+00	-4.84E-01	-2.14E-04	3.96E-05	-1.03E-03	0.00E+00	0.00E+00	-5.48E-10	-1.99E-08	-5.58E-04	-3.64E-01	0.00E+00	0.00E+00	-3.87E-01	0.00E+00	-4.79E-01	0.00E+00	-2.24E-09	-6.28E-09	-3.01E-04	-2.12E-10	-8.12E-02	0.00E+00	-4.79E-01	-7.80E-06	-4.79E-01	-5.26E-01	-8.12E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH25592205C	-2.99E-03	-4.96E-02	-1.75E-05	-3.57E-02	0.00E+00	0.00E+00	-4.84E-01	-2.14E-04	4.23E-05	-1.03E-03	0.00E+00	0.00E+00	-5.47E-10	-1.99E-08	-5.44E-04	-3.60E-01	0.00E+00	0.00E+00	-3.87E-01	0.00E+00	-4.79E-01	0.00E+00	-2.24E-09	-6.28E-09	-3.01E-04	-2.12E-10	-8.07E-02	0.00E+00	-4.79E-01	-7.80E-06	-4.79E-01	-5.26E-01	-8.07E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH25592207C	-2.99E-03	-4.96E-02	-1.75E-05	-3.57E-02	0.00E+00	0.00E+00	-4.84E-01	-2.14E-04	4.23E-05	-1.03E-03	0.00E+00	0.00E+00	-5.47E-10	-1.99E-08	-5.44E-04	-3.60E-01	0.00E+00	0.00E+00	-3.87E-01	0.00E+00	-4.79E-01	0.00E+00	-2.24E-09	-6.28E-09	-3.01E-04	-2.12E-10	-8.07E-02	0.00E+00	-4.79E-01	-7.80E-06	-4.79E-01	-5.26E-01	-8.07E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH25592209C	-2.99E-03	-4.96E-02	-1.75E-05	-3.57E-02	0.00E+00	0.00E+00	-4.84E-01	-2.14E-04	4.23E-05	-1.03E-03	0.00E+00	0.00E+00	-5.47E-10	-1.99E-08	-5.44E-04	-3.60E-01	0.00E+00	0.00E+00	-3.87E-01	0.00E+00	-4.79E-01	0.00E+00	-2.24E-09	-6.28E-09	-3.01E-04	-2.12E-10	-8.07E-02	0.00E+00	-4.79E-01	-7.80E-06	-4.79E-01	-5.26E-01	-8.07E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH25593200C	-4.08E-03	-2.01E-01	5.34E-04	-7.79E-02	0.00E+00	0.00E+00	-1.01E+00	-5.24E-04	2.26E-05	-2.34E-03	0.00E+00	0.00E+00	-7.10E-10	-5.68E-08	1.47E-03	-3.30E+00	0.00E+00	0.00E+00	-6.21E-01	0.00E+00	7.60E-01	0.00E+00	3.90E-10	-1.10E-08	-7.96E-04	-2.12E-10	-5.55E-01	0.00E+00	7.60E-01	-1.32E-05	7.60E-01	-5.38E-01	-5.55E-01	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
WH25593204C	-4.21E-03	-2.01E-01	7.12E-04	-5.18E-02	0.00E+00	0.00E+00	-9.24E-01	-5.83E-04	1.58E-06	-1.92E-03	0.00E+00	0.00E+00	-6.34E-10	-6.07E-08	1.92E-03	-4.79E+00	0.00E+00	0.00E+00	-5.34E-01	0.00E+00	1.69E+00	0.00E+00	2.04E-09	-1.12E-08	-8.18E-04	-2.12E-10	-6.78E-01	0.00E+00	1.69E+00	-1.35E-05	1.69E+00	4.37E-01	-6.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
WH25593205C	-4.21E-03	-2.01E-01	7.20E-04	-5.18E-02	0.00E+00	0.00E+00	-9.24E-01	-5.83E-04	3.11E-06	-1.91E-03	0.00E+00	0.00E+00	-6.34E-10	-6.07E-08	1.93E-03	-4.79E+00	0.00E+00	0.00E+00	-5.34E-01	0.00E+00	1.69E+00	0.00E+00	2.04E-09	-1.12E-08	-8.18E-04	-2.12E-10	-6.78E-01	0.00E+00	1.69E+00	-1.35E-05	1.69E+00	4.37E-01	-6.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
WH25593209C	-4.21E-03	-2.01E-01	7.20E-04	-5.18E-02	0.00E+00	0.00E+00	-9.24E-01	-5.83E-04	3.11E-06	-1.91E-03	0.00E+00	0.00E+00	-6.34E-10	-6.07E-08	1.93E-03	-4.79E+00	0.00E+00	0.00E+00	-5.34E-01	0.00E+00	1.69E+00	0.00E+00	2.04E-09	-1.12E-08	-8.18E-04	-2.12E-10	-6.78E-01	0.00E+00	1.69E+00	-1.35E-05	1.69E+00	4.37E-01	-6.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
WH25595200C	-6.67E-04	-3.78E-02	-6.02E-05	-3.77E-02	0.00E+00	0.00E+00	-2.51E-01	-8.48E-05	1.58E-04	-8.15E-04	0.00E+00	0.00E+00	-7.49E-10	-6.69E-09	-3.09E-04	-1.27E-01	0.00E+00	0.00E+00	-4.81E-01	0.00E+00	-6.11E-01	0.00E+00	-1.40E-09	-6.47E-09	-3.84E-04	0.00E+00	-4.20E-02	0.00E+00	-6.11E-01	-5.12E-06	-6.11E-01	-6.53E-01	-4.20E-02	0.00E+00	0.00E+00	0.00E+00	-2.06E+01
WH25595203C	-3.05E-03	-4.82E-02	3.26E-05	-3.44E-02	0.00E+00	0.00E+00	-4.89E-01	-2.13E-04	4.58E-05	-1.05E-03	0.00E+00	0.00E+00	-5.36E-10	-2.01E-08	-5.44E-04	-3.56E-01	0.00E+00	0.00E+00	-4.00E-01	0.00E+00	-4.75E-01	0.00E+00	-2.08E-09	-6.20E-09	-3.01E-04	-2.12E-10	-8.39E-02	0.00E+00	-4.75E-01	-7.95E-06	-4.75E-01	-5.26E-01	-8.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
WH25595204C	-3.05E-03	-4.82E-02	3.26E-05	-3.44E-02	0.00E+00	0.00E+00	-4.89E-01	-2.13E-04	4.58E-05	-1.05E-03	0.00E+00	0.00E+00	-5.36E-10	-2.01E-08	-5.44E-04	-3.56E-01	0.00E+00	0.00E+00	-4.00E-01	0.00E+00	-4.75E-01	0.00E+00	-2.08E-09	-6.20E-09	-3.01E-04	-2.12E-10	-8.39E-02	0.00E+00	-4.75E-01	-7.95E-06	-4.75E-01	-5.26E-01	-8.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
WH25595205C	-3.05E-03	-4.82E-02	3.26E-05	-3.44E-02	0.00E+00	0.00E+00	-4.89E-01	-2.13E-04	4.58E-05	-1.05E-03	0.00E+00	0.00E+00	-5.36E-10	-2.01E-08	-5.44E-04	-3.56E-01	0.00E+00	0.00E+00	-4.00E-01	0.00E+00	-4.75E-01	0.00E+00	-2.08E-09	-6.20E-09	-3.01E-04	-2.12E-10	-8.39E-02	0.00E+00	-4.75E-01	-7.95E-06	-4.75E-01	-5.26E-01	-8.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
WH25595206C	-3.00E-03	-4.94E-02	-6.28E-06	-3.57E-02	0.00E+00	0.00E+00	-4.91E-01	-2.13E-04	4.65E-05	-1.03E-03	0.00E+00	0.00E+00	-5.44E-10	-1.98E-08	-5.40E-04	-3.56E-01	0.00E+00	0.00E+00	-3.93E-01	0.00E+00	-4.75E-01	0.00E+00	-2.22E-09	-6.25E-09	-3.01E-04	-2.12E-10	-8.28E-02	0.00E+00	-4.75E-01	-7.93E-06	-4.75E-01	-5.26E-01	-8.28E-02	0.00E+00	0.00E+00	0.00E+00	-1.46E+01
WH25595207C	-3.05E-03	-4.82E-02	3.26E-05	-3.44E-02	0.00E+00	0.00E+00	-4.89E-01	-2.13E-04	4.58E-05	-1.05E-03	0.00E+00	0.00E+00	-5.36E-10	-2.01E-08	-5.44E-04	-3.56E-01	0.00E+00	0.00E+00	-4.00E-01	0.00E+00	-4.75E-01	0.00E+00	-2.08E-09	-6.20E-09	-3.01E-04	-2.12E-10	-8.39E-02	0.00E+00	-4.75E-01	-7.95E-06	-4.75E-01	-5.26E-01	-8.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
WH25595209C	-3.05E-03	-4.82E-02	3.26E-05	-3.44E-02	0.00E+00	0.00E+00	-4.89E-01	-2.13E-04	4.58E-05	-1.05E-03	0.00E+00	0.00E+00	-5.36E-10	-2.01E-08	-5.44E-04	-3.56E-01	0.00E+00	0.00E+00	-4.00E-01	0.00E+00	-4.75E-01	0.00E+00	-2.08E-09	-6.20E-09	-3.01E-04	-2.12E-10	-8.39E-02	0.00E+00	-4.75E-01	-7.95E-06	-4.75E-01	-5.26E-01	-8.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
WH25596200C	-6.38E-03	1.99E-02	-4.19E-04	2.04E-02	0.00E+00	0.00E+00	-1.41E+00	-6.54E-04	-2.34E-04	-3.13E-03	0.00E+00	0.00E+00	-7.72E-10	-7.59E-08	1.87E-04	-5.15E-01	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	-1.74E-01	0.00E+00	2.91E-10	-1.07E-08	-9.14E-04	0.00E+00	-1.01E-01	0.00E+00	-1.74E-01	-1.88E-05	-1.74E-01	-2.75E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-4.84E+01
WH25596205C	-4.24E-03	-2.04E-01	6.88E-04	-7.63E-02	0.00E+00	0.00E+00	-9.17E-01	-5.88E-04	1.75E-05	-1.94E-03	0.00E+00	0.00E+00	-6.42E-10	-6.11E-08	1.72E-03	-4.77E+00	0.00E+00	0.00E+00	-5.14E-01	0.00E+00	1.48E+00	0.00E+00	2.08E-09	-1.14E-08	-7.84E-04	-2.12E-10	-7.83E-01	0.00E+00	1.48E+00	-1.32E-05	1.48E+00	1.04E-01	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.86E+01
WH25596207C	-4.24E-03	-2.04E-01	6.88E-04	-7.63E-02	0.00E+00	0.00E+00	-9.17E-01	-5.88E-04	1.75E-05	-1.94E-03	0.00E+00	0.00E+00	-6.42E-10	-6.11E-08	1.72E-03	-4.77E+00	0.00E+00	0.00E+00	-5.14E-01	0.00E+00	1.48E+00	0.00E+00	2.08E-09	-1.14E-08	-7.84E-04	-2.12E-10	-7.83E-01	0.00E+00	1.48E+00	-1.32E-05	1.48E+00	1.04E-01	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.86E+01
WH25596209C	-4.24E-03	-2.04E-01	6.88E-04	-7.63E-02	0.00E+00	0.00E+00	-9.17E-01	-5.88E-04	1.75E-05	-1.94E-03	0.00E+00	0.00E+00	-6.42E-10	-6.11E-08	1.72E-03	-4.77E+00	0.00E+00	0.00E+00	-5.14E-01	0.00E+00	1.48E+00	0.00E+00	2.08E-09	-1.14E-08	-7.84E-04	-2.12E-10	-7.83E-01	0.00E+00	1.48E+00	-1.32E-05	1.48E+00	1.04E-01	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.86E+01
WH25620300C	4.99E-04	4.20E-02	1.47E-03	4.05E-02	0.00E+00	0.00E+00	1.67E-01	-1.75E-05	4.58E-04	2.80E-04	0.00E+00	0.00E+00	-1.69E-10	2.92E-09	1.26E-03	7.60E-02	0.00E+00	0.00E+00	8.89E-02	0.00E+00	1.54E-01	0.00E+00	2.38E-09	-3.02E-11	4.05E-05	0.00E+00	2.87E-02	0.00E+00	1.54E-01	-7.48E-07	1.54E-01	1.83E-01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	2.50E+00
WH25620303C	-2.73E-03	6.89E-03	3.52E-04	5.35E-03	0.00E+00	0.00E+00	-4.65E-01	-1.76E-04	8.63E-05	-1.22E-03	0.00E+00	0.00E+00	-3.28E-10	-1.82E-08	4.02E-04	-3.51E-01	0.00E+00	0.00E+00	-2.43E-01	0.00E+00	-3.18E-02	0.00E+00	6.76E-10	-3.11E-09	-2.82E-04	-2.12E-10	-4.87E-02	0.00E+00	-3.18E-02	-6.41E-06	-3.18E-02	-1.45E-01	-4.87E-02	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
WH25620304C	-2.73E-03	6.89E-03	3.52E-04	5.35E-03	0.00E+00	0.00E+00	-4.65E-01	-1.76E-04	8.63E-05	-1.22E-03	0.00E+00	0.00E+00	-3.28E-10	-1.82E-08	4.02E-04	-3.51E-01	0.00E+00	0.00E+00	-2.43E-01	0.00E+00	-3.18E-02	0.00E+00	6.76E-10	-3.11E-09	-2.82E-04	-2.12E-10	-4.87E-02	0.00E+00	-3.18E-02	-6.41E-06	-3.18E-02	-1.45E-01	-4.87E-02	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
WH25620307C	-2.73E-03	6.89E-03	3.52E-04	5.35E-03	0.00E+00	0.00E+00	-4.65E-01	-1.76E-04	8.63E-05	-1.22E-03	0.00E+00	0.00E+00	-3.28E-10	-1.82E-08	4.02E-04	-3.51E-01	0.00E+00	0.00E+00	-2.43E-01	0.00E+00	-3.18E-02	0.00E+00	6.76E-10	-3.11E-09	-2.82E-04	-2.12E-10	-4.87E-02	0.00E+00	-3.18E-02	-6.41E-06	-3.18E-02	-1.45E-01	-4.87E-02	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
WH25620309C	-2.73E-03	6.89E-03	3.52E-04	5.35E-03	0.00E+00	0.00E+00	-4.65E-01	-1.76E-04	8.63E-05	-1.22E-03	0.00E+00	0.00E+00	-3.28E-10	-1.82E-08	4.02E-04	-3.51E-01	0.00E+00	0.00E+00	-2.43E-01	0.00E+00	-3.18E-02	0.00E+00	6.76E-10	-3.11E-09	-2.82E-04	-2.12E-10	-4.87E-02	0.00E+00	-3.18E-02	-6.41E-06	-3.18E-02	-1.45E-01	-4.87E-02	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
WH25620700C	8.52E-04	7.96E-02	2.47E-03	7.71E-02	0.00E+00	0.00E+00	4.58E-01	8.06E-07	5.42E-04	7.13E-04	0.00E+00	0.00E+00	8.52E-11	5.78E-09	2.63E-03	1.66E-01	0.00E+00	0.00E+00	3.93E-01	0.00E+00	6.12E-01	0.00E+00	5.06E-09	2.85E-09	2.12E-04	0.00E+00	7.09E-02	0.00E+00	6.12E-01	7.89E-08	6.12E-01	6.83E-01	7.09E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
WH25620703C	-2.85E-03	6.80E-03	3.10E-04	4.96E-03	0.00E+00	0.00E+00	-4.73E-01	-2.14E-04	9.55E-06	-1.32E-03	0.00E+00	0.00E+00	-3.63E-10	-2.06E-08	1.83E-04	-3.51E-01	0.00E+00	0.00E+00	-2.85E-01	0.00E+00	-3.18E-02	0.00E+00	6.45E-10	-3.35E-09	-2.93E-04	-2.12E-10	-4.87E-02	0.00E+00	-3.18E-02	-7.11E-06	-3.18E-02	-1.45E-01	-4.87E-02	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
WH25620704C	-2.85E-03	6.80E-03	3.10E-04	4.96E-03	0.00E+00	0.00E+00	-4.73E-01	-2.14E-04	9.55E-06	-1.32E-03	0.00E+00	0.00E+00	-3.63E-10	-2.06E-08	1.83E-04	-3.51E-01	0.00E+00	0.00E+00	-2.85E-01	0.00E+00	-3.18E-02	0.00E+00	6.45E-10	-3.35E-09	-2.93E-04	-2.12E-10	-4.87E-02	0.00E+00	-3.18E-02	-7.11E-06	-3.18E-02	-1.45E-01	-4.87E-02	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
WH25620705C	-2.85E-03	6.80E-03	3.10E-04	4.96E-03	0.00E+00	0.00E+00	-4.73E-01	-2.14E-04	9.55E-06	-1.32E-03	0.00E+00	0.00E+00	-3.63E-10	-2.06E-08	1.83E-04	-3.51E-01	0.00E+00	0.00E+00	-2.85E-01	0.00E+00	-3.18E-02	0.00E+00	6.45E-10	-3.35E-09	-2.93E-04	-2.12E-10	-4.87E-02	0.00E+00	-3.18E-02	-7.11E-06	-3.18E-02	-1.45E-01	-4.87E-02	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
WH25620707C	-2.85E-03	6.80E-03	3.10E-04	4.96E-03	0.00E+00	0.00E+00	-4.73E-01	-2.14E-04	9.55E-06	-1.32E-03	0.00E+00	0.00E+00	-3.63E-10	-2.06E-08	1.83E-04	-3.51E-01	0.00E+00	0.00E+00	-2.85E-01	0.00E+00	-3.18E-02	0.00E+00	6.45E-10	-3.35E-09	-2.93E-04	-2.12E-10	-4.87E-02	0.00E+00	-3.18E-02	-7.11E-06	-3.18E-02	-1.45E-01	-4.87E-02	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
WH25623300C	-3.25E-03	1.30E-03	2.89E-04	-5.13E-03	0.00E+00	0.00E+00	-6.19E-01	-1.58E-04	1.56E-04	-1.14E-03	0.00E+00	0.00E+00	-4.56E-10	-1.73E-08	1.08E-03	-3.90E-01	0.00E+00	0.00E+00	-3.02E-01	0.00E+00	-3.11E-02	0.00E+00	7.07E-10	-4.46E-09	-3.44E-04	-2.12E-10	-5.28E-02	0.00E+00	-3.11E-02	-7.86E-06	-3.11E-02	-1.69E-01	-5.28E-02	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
WH25623305C	-3.07E-03	3.59E-03	3.23E-04	2.92E-03	0.00E+00	0.00E+00	-6.08E-01	-1.56E-04	1.49E-04	-1.12E-03	0.00E+00	0.00E+00	-4.51E-10	-1.65E-08	9.77E-04	-3.66E-01	0.00E+00	0.00E+00	-3.39E-01	0.00E+00	-3.96E-02	0.00E+00	9.32E-10	-4.35E-09	-3.31E-04	-2.12E-10	-4.97E-02	0.00E+00	-3.96E-02	-8.23E-06	-3.96E-02	-1.62E-01	-4.97E-02	0.00E+00	0.00E+00	0.00E+00	-2.10E+01
WH25623306C	-3.57E-03	-7.71E-02	-5.05E-05	-5.75E-02	0.00E+00	0.00E+00	-9.72E-01	-6.40E-04	2.27E-05	-1.74E-03	0.00E+00	0.00E+00	-6.74E-10	-7.06E-08	-1.20E-05	-2.50E+00	0.00E+00	0.00E+00	-4.48E-01	0.00E+00	-1.05E-01	0.00E+00	1.64E-10	-1.08E-08	-8.25E-04	-2.12E-10	-4.04E-01	0.00E+00	-1.05E-01	-1.41E-05	-1.05E-01	-8.90E-01	-4.04E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH25625300C	5.78E-04	2.66E-02	1.94E-03	2.46E-02	0.00E+00	0.00E+00	3.73E-01	-9.69E-06	4.56E-04	2.39E-04	0.00E+00	0.00E+00	5.85E-11	3.92E-09	1.90E-03	-6.33E-03	0.00E+00	0.00E+00	3.15E-01	0.00E+00	4.29E-01	0.00E+00	3.32E-09	1.71E-09	9.54E-05	0.00E+00	3.73E-02	0.00E+00	4.29E-01	-3.21E-07	4.29E-01	4.67E-01	3.73E-02	0.00E+00	0.00E+00	0.00E+00	1.16E+01
WH25625303C	-2.96E-03	8.98E-03	7.36E-04	1.12E-02	0.00E+00	0.00E+00	-5.14E-01	-2.40E-04	1.30E-04	-1.03E-03	0.00E+00	0.00E+00	-4.42E-10	-2.14E-08	9.85E-04	-2.87E-01	0.00E+00	0.00E+00	-3.05E-01	0.00E+00	-5.46E-03	0.00E+00	1.23E-09	-3.91E-09	-3.25E-04	-2.12E-10	-4.09E-02	0.00E+00	-5.46E-03	-7.94E-06	-5.46E-03	-1.56E-01	-4.09E-02	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
WH25625304C	-2.96E-03	8.98E-03	7.36E-04	1.12E-02	0.00E+00	0.00E+00	-5.14E-01	-2.40E-04	1.30E-04	-1.03E-03	0.00E+00	0.00E+00	-4.42E-10	-2.14E-08	9.85E-04	-2.87E-01	0.00E+00	0.00E+00	-3.05E-01	0.00E+00	-5.46E-03	0.00E+00	1.23E-09	-3.91E-09	-3.25E-04	-2.12E-10	-4.09E-02	0.00E+00	-5.46E-03	-7.94E-06	-5.46E-03	-1.56E-01	-4.09E-02	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
WH25625305C	-2.96E-03	8.98E-03	7.36E-04	1.12E-02	0.00E+00	0.00E+00	-5.14E-01	-2.40E-04	1.30E-04	-1.03E-03	0.00E+00	0.00E+00	-4.42E-10	-2.14E-08	9.85E-04	-2.87E-01	0.00E+00	0.00E+00	-3.05E-01	0.00E+00	-5.46E-03	0.00E+00	1.23E-09	-3.91E-09	-3.25E-04	-2.12E-10	-4.09E-02	0.00E+00	-5.46E-03	-7.94E-06	-5.46E-03	-1.56E-01	-4.09E-02	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
WH25625306C	-2.96E-03	8.98E-03	7.36E-04	1.12E-02	0.00E+00	0.00E+00	-5.14E-01	-2.40E-04	1.30E-04	-1.03E-03	0.00E+00	0.00E+00	-4.42E-10	-2.14E-08	9.85E-04	-2.87E-01	0.00E+00	0.00E+00	-3.05E-01	0.00E+00	-5.46E-03	0.00E+00	1.23E-09	-3.91E-09	-3.25E-04	-2.12E-10	-4.09E-02	0.00E+00	-5.46E-03	-7.94E-06	-5.46E-03	-1.56E-01	-4.09E-02	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
WH25625307C	-2.96E-03	8.98E-03	7.36E-04	1.12E-02	0.00E+00	0.00E+00	-5.14E-01	-2.40E-04	1.30E-04	-1.03E-03	0.00E+00	0.00E+00	-4.42E-10	-2.14E-08	9.85E-04	-2.87E-01	0.00E+00	0.00E+00	-3.05E-01	0.00E+00	-5.46E-03	0.00E+00	1.23E-09	-3.91E-09	-3.25E-04	-2.12E-10	-4.09E-02	0.00E+00	-5.46E-03	-7.94E-06	-5.46E-03	-1.56E-01	-4.09E-02	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
WH25625309C	-2.96E-03	8.98E-03	7.36E-04	1.12E-02	0.00E+00	0.00E+00	-5.14E-01	-2.40E-04	1.30E-04	-1.03E-03	0.00E+00	0.00E+00	-4.42E-10	-2.14E-08	9.85E-04	-2.87E-01	0.00E+00	0.00E+00	-3.05E-01	0.00E+00	-5.46E-03	0.00E+00	1.23E-09	-3.91E-09	-3.25E-04	-2.12E-10	-4.09E-02	0.00E+00	-5.46E-03	-7.94E-06	-5.46E-03	-1.56E-01	-4.09E-02	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
WH25625700C	-7.52E-03	-3.26E-02	-1.49E-03	-3.11E-02	0.00E+00	0.00E+00	-1.88E+00	-7.55E-04	-3.12E-04	-4.08E-03	0.00E+00	0.00E+00	-1.13E-09	-8.79E-08	-1.36E-03	-7.69E-01	0.00E+00	0.00E+00	-1.55E+00	0.00E+00	-7.09E-01	0.00E+00	-2.86E-09	-1.52E-08	-1.23E-03	0.00E+00	-1.71E-01	0.00E+00	-7.09E-01	-2.19E-05	-7.09E-01	-8.80E-01	-1.71E-01	0.00E+00	0.00E+00	0.00E+00	-6.65E+01
WH25628300C	-3.09E-03	4.78E-03	3.63E-04	2.78E-03	0.00E+00	0.00E+00	-6.13E-01	-1.54E-04	1.80E-04	-1.07E-03	0.00E+00	0.00E+00	-4.35E-10	-1.59E-08	1.14E-03	-3.65E-01	0.00E+00	0.00E+00	-3.30E-01	0.00E+00	-3.96E-02	0.00E+00	8.91E-10	-4.24E-09	-3.32E-04	-2.12E-10	-5.07E-02	0.00E+00	-3.96E-02	-8.04E-06	-3.96E-02	-1.65E-01	-5.07E-02	0.00E+00	0.00E+00	0.00E+00	-2.05E+01
WH25628306C	-3.55E-03	-7.71E-02	2.60E-05	-5.78E-02	0.00E+00	0.00E+00	-9.90E-01	-6.40E-04	1.93E-05	-1.68E-03	0.00E+00	0.00E+00	-6.74E-10	-7.04E-08	-2.67E-05	-2.50E+00	0.00E+00	0.00E+00	-4.48E-01	0.00E+00	-1.05E-01	0.00E+00	1.24E-10	-1.07E-08	-8.37E-04	-2.12E-10	-4.05E-01	0.00E+00	-1.05E-01	-1.40E-05	-1.05E-01	-8.68E-01	-4.05E-01	0.00E+00	0.00E+00	0.00E+00	-3.02E+01
WH25640300C	7.52E-04	5.42E-02	2.06E-03	5.22E-02	0.00E+00	0.00E+00	2.57E-01	-1.81E-05	6.42E-04	3.98E-04	0.00E+00	0.00E+00	-1.71E-10	4.78E-09	1.70E-03	3.12E-02	0.00E+00	0.00E+00	1.65E-01	0.00E+00	2.43E-01	0.00E+00	3.22E-09	3.60E-10	7.57E-05	0.00E+00	3.12E-02	0.00E+00	2.43E-01	-7.89E-07	2.43E-01	2.75E-01	3.12E-02	0.00E+00	0.00E+00	0.00E+00	5.29E+00
WH25640303C	-9.65E-03	-5.96E-02	-1.42E-03	-5.82E-02	0.00E+00	0.00E+00	-2.20E+00	-9.68E-04	-4.16E-04	-5.34E-03	0.00E+00	0.00E+00	-1.17E-09	-1.13E-07	-1.06E-03	-9.57E-01	0.00E+00	0.00E+00	-1.73E+00	0.00E+00	-5.76E-01	0.00E+00	-2.61E-09	-1.74E-08	-1.52E-03	0.00E+00	-1.92E-01	0.00E+00	-5.76E-01	-2.79E-05	-5.76E-01	-7.68E-01	-1.92E-01	0.00E+00	0.00E+00	0.00E+00	-7.49E+01
WH25640304C	-9.73E-03	-3.94E-02	-1.92E-03	-3.75E-02	0.00E+00	0.00E+00	-2.42E+00	-9.76E-04	-4.11E-04	-5.26E-03	0.00E+00	0.00E+00	-1.42E-09	-1.14E-07	-1.75E-03	-9.35E-01	0.00E+00	0.00E+00	-1.98E+00	0.00E+00	-8.80E-01	0.00E+00	-3.62E-09	-1.94E-08	-1.57E-03	0.00E+00	-2.11E-01	0.00E+00	-8.80E-01	-2.84E-05	-8.80E-01	-1.09E+00	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-8.50E+01
WH25640305C	6.40E-04	-4.17E-03	1.68E-03	-5.86E-03	0.00E+00	0.00E+00	2.25E-01	-1.81E-05	6.03E-04	-6.13E-05	0.00E+00	0.00E+00	-1.80E-10	4.68E-09	1.08E-03	-6.19E-02	0.00E+00	0.00E+00	1.34E-01	0.00E+00	9.34E-02	0.00E+00	1.65E-09	-4.56E-10	-2.83E-05	0.00E+00	1.26E-02	0.00E+00	9.34E-02	-8.06E-07	9.34E-02	1.06E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	4.37E+00
WH25640306C	-3.25E-03	5.02E-03	3.31E-04	6.53E-03	0.00E+00	0.00E+00	-6.92E-01	-3.37E-04	9.55E-05	-1.70E-03	0.00E+00	0.00E+00	-5.29E-10	-3.70E-08	4.36E-04	-3.74E-01	0.00E+00	0.00E+00	-5.93E-01	0.00E+00	-4.01E-02	0.00E+00	6.06E-10	-4.78E-09	-3.68E-04	-2.12E-10	-4.94E-02	0.00E+00	-4.01E-02	-9.70E-06	-4.01E-02	-1.20E-01	-4.94E-02	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
WH25640307C	-3.25E-03	5.02E-03	3.31E-04	6.53E-03	0.00E+00	0.00E+00	-6.92E-01	-3.37E-04	9.55E-05	-1.70E-03	0.00E+00	0.00E+00	-5.29E-10	-3.70E-08	4.36E-04	-3.74E-01	0.00E+00	0.00E+00	-5.93E-01	0.00E+00	-4.01E-02	0.00E+00	6.06E-10	-4.78E-09	-3.68E-04	-2.12E-10	-4.94E-02	0.00E+00	-4.01E-02	-9.70E-06	-4.01E-02	-1.20E-01	-4.94E-02	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
WH25640309C	-3.25E-03	5.02E-03	3.31E-04	6.53E-03	0.00E+00	0.00E+00	-6.92E-01	-3.37E-04	9.55E-05	-1.70E-03	0.00E+00	0.00E+00	-5.29E-10	-3.70E-08	4.36E-04	-3.74E-01	0.00E+00	0.00E+00	-5.93E-01	0.00E+00	-4.01E-02	0.00E+00	6.06E-10	-4.78E-09	-3.68E-04	-2.12E-10	-4.94E-02	0.00E+00	-4.01E-02	-9.70E-06	-4.01E-02	-1.20E-01	-4.94E-02	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
WH25640700C	1.01E-03	3.75E-02	2.76E-03	3.48E-02	0.00E+00	0.00E+00	5.39E-01	9.90E-07	6.89E-04	4.11E-04	0.00E+00	0.00E+00	9.77E-11	7.63E-09	2.57E-03	3.25E-02	0.00E+00	0.00E+00	4.63E-01	0.00E+00	5.94E-01	0.00E+00	4.58E-09	2.68E-09	1.58E-04	0.00E+00	5.80E-02	0.00E+00	5.94E-01	6.62E-08	5.94E-01	6.52E-01	5.80E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
WH25640703C	-3.36E-03	6.15E-03	3.90E-04	6.28E-03	0.00E+00	0.00E+00	-6.85E-01	-3.08E-04	6.79E-05	-1.68E-03	0.00E+00	0.00E+00	-5.36E-10	-3.75E-08	6.08E-04	-3.75E-01	0.00E+00	0.00E+00	-4.96E-01	0.00E+00	-3.89E-02	0.00E+00	7.36E-10	-5.01E-09	-2.78E-04	-2.12E-10	-5.08E-02	0.00E+00	-3.89E-02	-1.02E-05	-3.89E-02	-1.30E-01	-5.08E-02	0.00E+00	0.00E+00	0.00E+00	-1.82E+01
WH25640704C	-3.36E-03	6.15E-03	3.90E-04	6.28E-03	0.00E+00	0.00E+00	-6.85E-01	-3.08E-04	6.79E-05	-1.68E-03	0.00E+00	0.00E+00	-5.36E-10	-3.75E-08	6.08E-04	-3.75E-01	0.00E+00	0.00E+00	-4.96E-01	0.00E+00	-3.89E-02	0.00E+00	7.36E-10	-5.01E-09	-2.78E-04	-2.12E-10	-5.08E-02	0.00E+00	-3.89E-02	-1.02E-05	-3.89E-02	-1.30E-01	-5.08E-02	0.00E+00	0.00E+00	0.00E+00	-1.82E+01
WH25640705C	-1.02E-02	-4.08E-02	-1.98E-03	-3.88E-02	0.00E+00	0.00E+00	-2.54E+00	-1.03E-03	-4.25E-04	-5.53E-03	0.00E+00	0.00E+00	-1.48E-09	-1.20E-07	-1.77E-03	-8.91E-01	0.00E+00	0.00E+00	-2.07E+00	0.00E+00	-9.00E-01	0.00E+00	-3.64E-09	-2.02E-08	-1.65E-03	0.00E+00	-2.08E-01	0.00E+00	-9.00E-01	-2.98E-05	-9.00E-01	-1.11E+00	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-8.89E+01
WH25640707C	-3.36E-03	6.15E-03	3.90E-04	6.28E-03	0.00E+00	0.00E+00	-6.85E-01	-3.08E-04	6.79E-05	-1.68E-03	0.00E+00	0.00E+00	-5.36E-10	-3.75E-08	6.08E-04	-3.75E-01	0.00E+00	0.00E+00	-4.96E-01	0.00E+00	-3.89E-02	0.00E+00	7.36E-10	-5.01E-09	-2.78E-04	-2.12E-10	-5.08E-02	0.00E+00	-3.89E-02	-1.02E-05	-3.89E-02	-1.30E-01	-5.08E-02	0.00E+00	0.00E+00	0.00E+00	-1.82E+01
WH25640709C	-3.36E-03	6.15E-03	3.90E-04	6.28E-03	0.00E+00	0.00E+00	-6.85E-01	-3.08E-04	6.79E-05	-1.68E-03	0.00E+00	0.00E+00	-5.36E-10	-3.75E-08	6.08E-04	-3.75E-01	0.00E+00	0.00E+00	-4.96E-01	0.00E+00	-3.89E-02	0.00E+00	7.36E-10	-5.01E-09	-2.78E-04	-2.12E-10	-5.08E-02	0.00E+00	-3.89E-02	-1.02E-05	-3.89E-02	-1.30E-01	-5.08E-02	0.00E+00	0.00E+00	0.00E+00	-1.82E+01
WH25643300C	-4.33E-03	-2.64E-03	4.80E-04	-8.93E-03	0.00E+00	0.00E+00	-7.49E-01	-3.65E-04	1.92E-04	-2.02E-03	0.00E+00	0.00E+00	-5.18E-10	-2.88E-08	9.25E-04	-4.40E-01	0.00E+00	0.00E+00	-1.09E+00	0.00E+00	-3.95E-02	0.00E+00	7.42E-10	-7.79E-09	-4.44E-04	-2.12E-10	-6.24E-02	0.00E+00	-3.95E-02	-1.02E-05	-3.95E-02	-1.49E-01	-6.24E-02	0.00E+00	0.00E+00	0.00E+00	-3.27E+01
WH25643303C	-4.23E-03	3.08E-04	6.84E-04	-1.82E-04	0.00E+00	0.00E+00	-7.80E-01	-3.78E-04	1.85E-04	-2.11E-03	0.00E+00	0.00E+00	-5.02E-10	-2.81E-08	1.04E-03	-4.16E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-4.60E-02	0.00E+00	8.72E-10	-7.70E-09	-4.13E-04	-2.12E-10	-5.87E-02	0.00E+00	-4.60E-02	-1.02E-05	-4.60E-02	-1.42E-01	-5.87E-02	0.00E+00	0.00E+00	0.00E+00	-3.16E+01
WH25643305C	-4.23E-03	3.08E-04	6.84E-04	-1.82E-04	0.00E+00	0.00E+00	-7.80E-01	-3.78E-04	1.85E-04	-2.11E-03	0.00E+00	0.00E+00	-5.02E-10	-2.81E-08	1.04E-03	-4.16E-01	0.00E+00	0.00E+00	-1.14E+00	0.00E+00	-4.60E-02	0.00E+00	8.72E-10	-7.70E-09	-4.13E-04	-2.12E-10	-5.87E-02	0.00E+00	-4.60E-02	-1.02E-05	-4.60E-02	-1.42E-01	-5.87E-02	0.00E+00	0.00E+00	0.00E+00	-3.16E+01
WH25643306C	-4.27E-03	-7.78E-02	4.46E-04	-4.84E-02	0.00E+00	0.00E+00	-8.90E-01	-7.11E-04	9.23E-05	-1.69E-03	0.00E+00	0.00E+00	-6.56E-10	-7.37E-08	3.88E-04	-2.32E+00	0.00E+00	0.00E+00	-4.02E-01	0.00E+00	-1.12E-01	0.00E+00	1.36E-10	-9.88E-09	-8.03E-04	-2.12E-10	-3.96E-01	0.00E+00	-1.12E-01	-1.45E-05	-1.12E-01	-8.72E-01	-3.96E-01	0.00E+00	0.00E+00	0.00E+00	-3.15E+01
WH25645300C	-9.84E-03	-9.78E-02	-2.30E-03	-9.55E-02	0.00E+00	0.00E+00	-2.45E+00	-9.76E-04	-4.49E-04	-5.72E-03	0.00E+00	0.00E+00	-1.42E-09	-1.14E-07	-2.37E-03	-1.03E+00	0.00E+00	0.00E+00	-2.01E+00	0.00E+00	-1.03E+00	0.00E+00	-5.19E-09	-2.02E-08	-1.68E-03	0.00E+00	-2.30E-01	0.00E+00	-1.03E+00	-2.84E-05	-1.03E+00	-1.26E+00	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	-8.59E+01
WH25645303C	-3.38E-03	5.93E-03	7.91E-04	4.64E-03	0.00E+00	0.00E+00	-7.93E-01	-3.98E-04	1.29E-04	-2.53E-03	0.00E+00	0.00E+00	-5.48E-10	-3.71E-08	9.45E-04	-3.89E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-4.54E-02	0.00E+00	1.17E-09	-6.96E-09	-3.15E-04	-2.12E-10	-5.18E-02	0.00E+00	-4.54E-02	-9.22E-06	-4.54E-02	-1.37E-01	-5.18E-02	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
WH25645304C	-3.38E-03	5.93E-03	7.91E-04	4.64E-03	0.00E+00	0.00E+00	-7.93E-01	-3.98E-04	1.29E-04	-2.53E-03	0.00E+00	0.00E+00	-5.48E-10	-3.71E-08	9.45E-04	-3.89E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-4.54E-02	0.00E+00	1.17E-09	-6.96E-09	-3.15E-04	-2.12E-10	-5.18E-02	0.00E+00	-4.54E-02	-9.22E-06	-4.54E-02	-1.37E-01	-5.18E-02	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
WH25645305C	6.40E-04	-4.27E-03	1.68E-03	-5.96E-03	0.00E+00	0.00E+00	2.25E-01	-1.81E-05	6.03E-04	-6.19E-05	0.00E+00	0.00E+00	-1.80E-10	4.68E-09	1.08E-03	-6.60E-02	0.00E+00	0.00E+00	1.34E-01	0.00E+00	9.26E-02	0.00E+00	1.64E-09	-4.60E-10	-2.84E-05	0.00E+00	1.19E-02	0.00E+00	9.26E-02	-8.07E-07	9.26E-02	1.05E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	4.36E+00
WH25645306C	-3.38E-03	5.93E-03	7.91E-04	4.64E-03	0.00E+00	0.00E+00	-7.93E-01	-3.98E-04	1.29E-04	-2.53E-03	0.00E+00	0.00E+00	-5.48E-10	-3.71E-08	9.45E-04	-3.89E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-4.54E-02	0.00E+00	1.17E-09	-6.96E-09	-3.15E-04	-2.12E-10	-5.18E-02	0.00E+00	-4.54E-02	-9.22E-06	-4.54E-02	-1.37E-01	-5.18E-02	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
WH25645307C	-3.38E-03	5.93E-03	7.91E-04	4.64E-03	0.00E+00	0.00E+00	-7.93E-01	-3.98E-04	1.29E-04	-2.53E-03	0.00E+00	0.00E+00	-5.48E-10	-3.71E-08	9.45E-04	-3.89E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-4.54E-02	0.00E+00	1.17E-09	-6.96E-09	-3.15E-04	-2.12E-10	-5.18E-02	0.00E+00	-4.54E-02	-9.22E-06	-4.54E-02	-1.37E-01	-5.18E-02	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
WH25645309C	-3.38E-03	5.93E-03	7.91E-04	4.64E-03	0.00E+00	0.00E+00	-7.93E-01	-3.98E-04	1.29E-04	-2.53E-03	0.00E+00	0.00E+00	-5.48E-10	-3.71E-08	9.45E-04	-3.89E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-4.54E-02	0.00E+00	1.17E-09	-6.96E-09	-3.15E-04	-2.12E-10	-5.18E-02	0.00E+00	-4.54E-02	-9.22E-06	-4.54E-02	-1.37E-01	-5.18E-02	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
WH25645700C	1.12E-03	9.41E-02	3.12E-03	9.10E-02	0.00E+00	0.00E+00	5.69E-01	9.82E-07	7.27E-04	8.58E-04	0.00E+00	0.00E+00	1.06E-10	7.72E-09	3.17E-03	9.27E-02	0.00E+00	0.00E+00	4.92E-01	0.00E+00	7.36E-01	0.00E+00	6.08E-09	3.44E-09	2.59E-04	0.00E+00	7.15E-02	0.00E+00	7.36E-01	8.04E-08	7.36E-01	8.07E-01	7.15E-02	0.00E+00	0.00E+00	0.00E+00	1.81E+01
WH25645705C	-4.69E-03	3.84E-03	6.10E-04	6.43E-04	0.00E+00	0.00E+00	-9.22E-01	-4.88E-04	-1.73E-05	-2.93E-03	0.00E+00	0.00E+00	-7.51E-10	-6.15E-08	1.25E-03	-4.15E-01	0.00E+00	0.00E+00	-1.23E+00	0.00E+00	-5.44E-02	0.00E+00	8.30E-10	-8.89E-09	-3.85E-04	-2.12E-10	-6.45E-02	0.00E+00	-5.44E-02	-1.15E-05	-5.44E-02	-1.51E-01	-6.45E-02	0.00E+00	0.00E+00	0.00E+00	-3.98E+01
WH25645707C	-4.69E-03	3.84E-03	6.10E-04	6.43E-04	0.00E+00	0.00E+00	-9.22E-01	-4.88E-04	-1.73E-05	-2.93E-03	0.00E+00	0.00E+00	-7.51E-10	-6.15E-08	1.25E-03	-4.15E-01	0.00E+00	0.00E+00	-1.23E+00	0.00E+00	-5.44E-02	0.00E+00	8.30E-10	-8.89E-09	-3.85E-04	-2.12E-10	-6.45E-02	0.00E+00	-5.44E-02	-1.15E-05	-5.44E-02	-1.51E-01	-6.45E-02	0.00E+00	0.00E+00	0.00E+00	-3.98E+01
WH25648305C	-4.19E-03	2.85E-03	8.03E-04	2.80E-03	0.00E+00	0.00E+00	-7.66E-01	-3.74E-04	1.96E-04	-2.03E-03	0.00E+00	0.00E+00	-4.64E-10	-2.77E-08	1.15E-03	-4.10E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-4.16E-02	0.00E+00	1.10E-09	-7.59E-09	-4.14E-04	-2.12E-10	-5.88E-02	0.00E+00	-4.16E-02	-1.05E-05	-4.16E-02	-1.42E-01	-5.88E-02	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
WH25750100C	-6.97E-03	-2.89E-02	-8.06E-05	-2.36E-02	0.00E+00	0.00E+00	-9.65E-01	-4.62E-04	-3.66E-05	-1.88E-03	0.00E+00	0.00E+00	-5.85E-10	-4.02E-08	-4.37E-06	-2.06E+00	0.00E+00	0.00E+00	-8.22E-01	0.00E+00	-5.55E-02	0.00E+00	4.47E-10	-9.40E-09	-6.93E-04	-2.12E-10	-3.07E-01	0.00E+00	-5.55E-02	-9.95E-06	-5.55E-02	-2.71E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-3.62E+01
WH25750105C	-6.70E-03	-2.56E-02	-3.21E-05	-2.14E-02	0.00E+00	0.00E+00	-8.50E-01	-4.94E-04	3.89E-06	-1.26E-03	0.00E+00	0.00E+00	-4.58E-10	-4.26E-08	1.76E-05	-2.02E+00	0.00E+00	0.00E+00	-3.96E-01	0.00E+00	-3.29E-02	0.00E+00	5.08E-10	-7.04E-09	-5.17E-04	-2.12E-10	-3.06E-01	0.00E+00	-3.29E-02	-7.87E-06	-3.29E-02	-2.37E-01	-3.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.36E+01
WH25750205C	-6.70E-03	-2.42E-02	-3.83E-05	-1.97E-02	0.00E+00	0.00E+00	-8.53E-01	-5.02E-04	-2.62E-06	-1.31E-03	0.00E+00	0.00E+00	-4.66E-10	-4.24E-08	1.18E-04	-1.88E+00	0.00E+00	0.00E+00	-4.25E-01	0.00E+00	-3.29E-02	0.00E+00	5.36E-10	-7.08E-09	-5.20E-04	-2.12E-10	-2.90E-01	0.00E+00	-3.29E-02	-8.49E-06	-3.29E-02	-2.37E-01	-2.90E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
WH25915600C	-5.23E-03	3.43E-02	3.17E-04	3.40E-02	0.00E+00	0.00E+00	-9.94E-01	-5.45E-04	-1.71E-04	-2.43E-03	0.00E+00	0.00E+00	-6.13E-10	-6.28E-08	1.28E-03	-3.90E-01	0.00E+00	0.00E+00	-7.87E-01	0.00E+00	1.09E-01	0.00E+00	2.19E-09	-8.04E-09	-7.12E-04	0.00E+00	-6.13E-02	0.00E+00	1.09E-01	-1.56E-05	1.09E-01	4.80E-02	-6.13E-02	0.00E+00	0.00E+00	0.00E+00	-3.57E+01
WH25915603C	-4.55E-03	-7.93E-02	-1.09E-06	-6.49E-02	0.00E+00	0.00E+00	-9.44E-01	-6.45E-04	-4.03E-05	-1.99E-03	0.00E+00	0.00E+00	-1.07E-09	-7.12E-08	1.73E-05	-2.00E+00	0.00E+00	0.00E+00	-4.73E-01	0.00E+00	-1.89E-01	0.00E+00	-6.84E-10	-1.10E-08	-9.30E-04	-2.12E-10	-3.11E-01	0.00E+00	-1.89E-01	-1.61E-05	-1.89E-01	-9.61E-01	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01

WH25915605C	-4.55E-03	-7.93E-02	-1.09E-06	-6.49E-02	0.00E+00	0.00E+00	-9.44E-01	-6.45E-04	-4.03E-05	-1.99E-03	0.00E+00	0.00E+00	-1.07E-09	-7.12E-08	1.73E-05	-2.00E+00	0.00E+00	0.00E+00	-4.73E-01	0.00E+00	-1.89E-01	0.00E+00	-6.84E-10	-1.10E-08	-9.30E-04	-2.12E-10	-3.11E-01	0.00E+00	-1.89E-01	-1.61E-05	-1.89E-01	-9.61E-01	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH25915700C	-4.15E-03	-1.98E-01	9.29E-05	-1.29E-01	0.00E+00	0.00E+00	-1.06E+00	-6.49E-04	-1.02E-04	-2.25E-03	0.00E+00	0.00E+00	-1.11E-09	-6.58E-08	8.64E-05	-3.42E+00	0.00E+00	0.00E+00	-6.23E-01	0.00E+00	-2.68E-01	0.00E+00	-2.44E-09	-1.44E-08	-1.07E-03	-2.12E-10	-6.46E-01	0.00E+00	-2.68E-01	-1.77E-05	-2.68E-01	-1.44E+00	-6.46E-01	0.00E+00	0.00E+00	0.00E+00	-3.42E+01
WH25915800C	-7.40E-03	-1.38E-01	-2.54E-03	-1.35E-01	0.00E+00	0.00E+00	-2.08E+00	-7.24E-04	-3.06E-04	-4.92E-03	0.00E+00	0.00E+00	-2.25E-09	-8.32E-08	-2.80E-03	-7.91E-01	0.00E+00	0.00E+00	-2.22E+00	0.00E+00	-1.95E+00	0.00E+00	-7.62E-09	-2.47E-08	-1.74E-03	0.00E+00	-2.26E-01	0.00E+00	-1.95E+00	-2.66E-05	-1.95E+00	-2.17E+00	-2.26E-01	0.00E+00	0.00E+00	0.00E+00	-9.45E+01
WH25915803C	-3.48E-03	-7.34E-02	-3.02E-04	-6.80E-02	0.00E+00	0.00E+00	-5.12E-01	-5.20E-04	-4.20E-05	-1.70E-03	0.00E+00	0.00E+00	-1.01E-09	-4.97E-08	3.38E-04	-2.17E+00	0.00E+00	0.00E+00	-5.00E-01	0.00E+00	-5.09E-01	0.00E+00	-4.00E-10	-9.60E-09	-6.59E-04	-2.12E-10	-4.27E-01	0.00E+00	-5.09E-01	-1.30E-05	-5.09E-01	-7.80E-01	-4.27E-01	0.00E+00	0.00E+00	0.00E+00	-3.03E+01
WH25915804C	-3.48E-03	-7.34E-02	-3.02E-04	-6.80E-02	0.00E+00	0.00E+00	-5.12E-01	-5.20E-04	-4.20E-05	-1.70E-03	0.00E+00	0.00E+00	-1.01E-09	-4.97E-08	3.38E-04	-2.17E+00	0.00E+00	0.00E+00	-5.00E-01	0.00E+00	-5.09E-01	0.00E+00	-4.00E-10	-9.60E-09	-6.59E-04	-2.12E-10	-4.27E-01	0.00E+00	-5.09E-01	-1.30E-05	-5.09E-01	-7.80E-01	-4.27E-01	0.00E+00	0.00E+00	0.00E+00	-3.03E+01
WH25915805C	-3.48E-03	-7.34E-02	-3.02E-04	-6.80E-02	0.00E+00	0.00E+00	-5.12E-01	-5.20E-04	-4.20E-05	-1.70E-03	0.00E+00	0.00E+00	-1.01E-09	-4.97E-08	3.38E-04	-2.17E+00	0.00E+00	0.00E+00	-5.00E-01	0.00E+00	-5.09E-01	0.00E+00	-4.00E-10	-9.60E-09	-6.59E-04	-2.12E-10	-4.27E-01	0.00E+00	-5.09E-01	-1.30E-05	-5.09E-01	-7.80E-01	-4.27E-01	0.00E+00	0.00E+00	0.00E+00	-3.03E+01
WH25916200C	-4.07E-03	-2.01E-01	1.29E-04	-1.25E-01	0.00E+00	0.00E+00	-1.04E+00	-6.41E-04	-9.68E-05	-2.15E-03	0.00E+00	0.00E+00	-1.10E-09	-6.74E-08	-1.42E-04	-3.49E+00	0.00E+00	0.00E+00	-5.99E-01	0.00E+00	-2.95E-01	0.00E+00	-2.46E-09	-1.39E-08	-1.04E-03	-2.12E-10	-6.64E-01	0.00E+00	-2.95E-01	-1.72E-05	-2.95E-01	-1.46E+00	-6.64E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
WH25916203C	-3.44E-03	-1.72E-01	3.03E-04	-6.84E-02	0.00E+00	0.00E+00	-5.39E-01	-5.23E-04	-1.47E-05	-1.69E-03	0.00E+00	0.00E+00	-1.01E-09	-4.73E-08	9.04E-04	-3.27E+00	0.00E+00	0.00E+00	-5.03E-01	0.00E+00	-1.22E-02	0.00E+00	-6.91E-10	-1.03E-08	-6.34E-04	-2.12E-10	-5.41E-01	0.00E+00	-1.22E-02	-1.26E-05	-1.22E-02	-7.31E-01	-5.41E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
WH25916205C	-3.44E-03	-1.72E-01	3.03E-04	-6.84E-02	0.00E+00	0.00E+00	-5.39E-01	-5.23E-04	-1.47E-05	-1.69E-03	0.00E+00	0.00E+00	-1.01E-09	-4.73E-08	9.04E-04	-3.27E+00	0.00E+00	0.00E+00	-5.03E-01	0.00E+00	-1.22E-02	0.00E+00	-6.91E-10	-1.03E-08	-6.34E-04	-2.12E-10	-5.41E-01	0.00E+00	-1.22E-02	-1.26E-05	-1.22E-02	-7.31E-01	-5.41E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
WH25916300C	-4.55E-03	-7.93E-02	-1.09E-06	-6.49E-02	0.00E+00	0.00E+00	-9.44E-01	-6.45E-04	-4.03E-05	-1.99E-03	0.00E+00	0.00E+00	-1.07E-09	-7.12E-08	1.73E-05	-2.00E+00	0.00E+00	0.00E+00	-4.73E-01	0.00E+00	-1.89E-01	0.00E+00	-6.84E-10	-1.10E-08	-9.30E-04	-2.12E-10	-3.11E-01	0.00E+00	-1.89E-01	-1.61E-05	-1.89E-01	-9.61E-01	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH25916304C	-4.55E-03	-7.93E-02	-1.09E-06	-6.49E-02	0.00E+00	0.00E+00	-9.44E-01	-6.45E-04	-4.03E-05	-1.99E-03	0.00E+00	0.00E+00	-1.07E-09	-7.12E-08	1.73E-05	-2.00E+00	0.00E+00	0.00E+00	-4.73E-01	0.00E+00	-1.89E-01	0.00E+00	-6.84E-10	-1.10E-08	-9.30E-04	-2.12E-10	-3.11E-01	0.00E+00	-1.89E-01	-1.61E-05	-1.89E-01	-9.61E-01	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH25916305C	-4.55E-03	-7.93E-02	-1.09E-06	-6.49E-02	0.00E+00	0.00E+00	-9.44E-01	-6.45E-04	-4.03E-05	-1.99E-03	0.00E+00	0.00E+00	-1.07E-09	-7.12E-08	1.73E-05	-2.00E+00	0.00E+00	0.00E+00	-4.73E-01	0.00E+00	-1.89E-01	0.00E+00	-6.84E-10	-1.10E-08	-9.30E-04	-2.12E-10	-3.11E-01	0.00E+00	-1.89E-01	-1.61E-05	-1.89E-01	-9.61E-01	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH25917000C	-4.59E-03	-8.61E-02	-8.23E-05	-6.35E-02	0.00E+00	0.00E+00	-9.45E-01	-6.47E-04	-6.81E-05	-2.00E-03	0.00E+00	0.00E+00	-1.08E-09	-7.22E-08	4.56E-04	-2.03E+00	0.00E+00	0.00E+00	-4.99E-01	0.00E+00	-2.07E-01	0.00E+00	-1.24E-09	-1.13E-08	-9.98E-04	-2.12E-10	-3.28E-01	0.00E+00	-2.07E-01	-1.67E-05	-2.07E-01	-7.60E-01	-3.28E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
WH25917003C	-3.70E-03	-6.88E-02	3.54E-05	-2.57E-02	0.00E+00	0.00E+00	-4.30E-01	-4.97E-04	-1.37E-05	-1.57E-03	0.00E+00	0.00E+00	-9.81E-10	-4.95E-08	7.54E-04	-1.92E+00	0.00E+00	0.00E+00	-4.27E-01	0.00E+00	-8.61E-02	0.00E+00	-1.72E-10	-8.41E-09	-5.76E-04	-2.12E-10	-2.62E-01	0.00E+00	-8.61E-02	-1.15E-05	-8.61E-02	-4.97E-02	-2.62E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+01
WH25917004C	-3.70E-03	-6.88E-02	3.54E-05	-2.57E-02	0.00E+00	0.00E+00	-4.30E-01	-4.97E-04	-1.37E-05	-1.57E-03	0.00E+00	0.00E+00	-9.81E-10	-4.95E-08	7.54E-04	-1.92E+00	0.00E+00	0.00E+00	-4.27E-01	0.00E+00	-8.61E-02	0.00E+00	-1.72E-10	-8.41E-09	-5.76E-04	-2.12E-10	-2.62E-01	0.00E+00	-8.61E-02	-1.15E-05	-8.61E-02	-4.97E-02	-2.62E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+01
WH25917700C	-4.38E-03	-2.04E-01	6.33E-04	-5.59E-02	0.00E+00	0.00E+00	-9.81E-01	-6.21E-04	2.30E-06	-2.14E-03	0.00E+00	0.00E+00	-1.05E-09	-6.28E-08	1.15E-03	-5.37E+00	0.00E+00	0.00E+00	-5.49E-01	0.00E+00	1.67E+00	0.00E+00	1.94E-09	-1.20E-08	-9.40E-04	-2.12E-10	-7.67E-01	0.00E+00	1.67E+00	-1.63E-05	1.67E+00	3.87E-01	-7.67E-01	0.00E+00	0.00E+00	0.00E+00	-3.07E+01
WH25917705C	-4.38E-03	-2.04E-01	6.33E-04	-5.59E-02	0.00E+00	0.00E+00	-9.81E-01	-6.21E-04	2.30E-06	-2.14E-03	0.00E+00	0.00E+00	-1.05E-09	-6.28E-08	1.15E-03	-5.37E+00	0.00E+00	0.00E+00	-5.49E-01	0.00E+00	1.67E+00	0.00E+00	1.94E-09	-1.20E-08	-9.40E-04	-2.12E-10	-7.67E-01	0.00E+00	1.67E+00	-1.63E-05	1.67E+00	3.87E-01	-7.67E-01	0.00E+00	0.00E+00	0.00E+00	-3.07E+01
WH25917803C	-4.40E-03	-2.07E-01	6.30E-04	-8.04E-02	0.00E+00	0.00E+00	-9.75E-01	-6.26E-04	1.78E-05	-2.16E-03	0.00E+00	0.00E+00	-1.05E-09	-6.32E-08	9.30E-04	-5.35E+00	0.00E+00	0.00E+00	-5.24E-01	0.00E+00	1.46E+00	0.00E+00	1.99E-09	-1.23E-08	-8.98E-04	-2.12E-10	-8.69E-01	0.00E+00	1.46E+00	-1.58E-05	1.46E+00	5.33E-02	-8.69E-01	0.00E+00	0.00E+00	0.00E+00	-3.07E+01
WH25917804C	-4.40E-03	-2.07E-01	6.30E-04	-8.04E-02	0.00E+00	0.00E+00	-9.75E-01	-6.26E-04	1.78E-05	-2.16E-03	0.00E+00	0.00E+00	-1.05E-09	-6.32E-08	9.30E-04	-5.35E+00	0.00E+00	0.00E+00	-5.24E-01	0.00E+00	1.46E+00	0.00E+00	1.99E-09	-1.23E-08	-8.98E-04	-2.12E-10	-8.69E-01	0.00E+00	1.46E+00	-1.58E-05	1.46E+00	5.33E-02	-8.69E-01	0.00E+00	0.00E+00	0.00E+00	-3.07E+01
WH25917805C	-4.40E-03	-2.07E-01	6.30E-04	-8.04E-02	0.00E+00	0.00E+00	-9.75E-01	-6.26E-04	1.78E-05	-2.16E-03	0.00E+00	0.00E+00	-1.05E-09	-6.32E-08	9.30E-04	-5.35E+00	0.00E+00	0.00E+00	-5.24E-01	0.00E+00	1.46E+00	0.00E+00	1.99E-09	-1.23E-08	-8.98E-04	-2.12E-10	-8.69E-01	0.00E+00	1.46E+00	-1.58E-05	1.46E+00	5.33E-02	-8.69E-01	0.00E+00	0.00E+00	0.00E+00	-3.07E+01
WH26580300C	-2.74E-03	1.36E-02	1.07E-04	1.35E-02	0.00E+00	0.00E+00	-5.24E-01	-2.83E-04	-9.89E-05	-1.29E-03	0.00E+00	0.00E+00	-3.20E-10	-3.27E-08	5.66E-04	-2.92E-01	0.00E+00	0.00E+00	-4.18E-01	0.00E+00	2.99E-02	0.00E+00	9.11E-10	-4.33E-09	-3.78E-04	0.00E+00	-4.59E-02	0.00E+00	2.99E-02	-8.18E-06	2.99E-02	-1.61E-02	-4.59E-02	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
WH26580303C	-2.64E-03	1.99E-03	1.99E-04	5.04E-03	0.00E+00	0.00E+00	-4.22E-01	-1.93E-04	5.17E-05	-1.04E-03	0.00E+00	0.00E+00	-3.27E-10	-1.83E-08	2.98E-04	-3.31E-01	0.00E+00	0.00E+00	-2.39E-01	0.00E+00	-3.18E-02	0.00E+00	6.99E-10	-2.87E-09	-2.59E-04	-2.12E-10	-4.66E-02	0.00E+00	-3.18E-02	-6.33E-06	-3.18E-02	-1.43E-01	-4.66E-02	0.00E+00	0.00E+00	0.00E+00	-1.05E+01
WH26580304C	-2.64E-03	1.99E-03	1.99E-04	5.04E-03	0.00E+00	0.00E+00	-4.22E-01	-1.93E-04	5.17E-05	-1.04E-03	0.00E+00	0.00E+00	-3.27E-10	-1.83E-08	2.98E-04	-3.31E-01	0.00E+00	0.00E+00	-2.39E-01	0.00E+00	-3.18E-02	0.00E+00	6.99E-10	-2.87E-09	-2.59E-04	-2.12E-10	-4.66E-02	0.00E+00	-3.18E-02	-6.33E-06	-3.18E-02	-1.43E-01	-4.66E-02	0.00E+00	0.00E+00	0.00E+00	-1.05E+01
WH26580305C	-2.64E-03	1.99E-03	1.99E-04	5.04E-03	0.00E+00	0.00E+00	-4.22E-01	-1.93E-04	5.17E-05	-1.04E-03	0.00E+00	0.00E+00	-3.27E-10	-1.83E-08	2.98E-04	-3.31E-01	0.00E+00	0.00E+00	-2.39E-01	0.00E+00	-3.18E-02	0.00E+00	6.99E-10	-2.87E-09	-2.59E-04	-2.12E-10	-4.66E-02	0.00E+00	-3.18E-02	-6.33E-06	-3.18E-02	-1.43E-01	-4.66E-02	0.00E+00	0.00E+00	0.00E+00	-1.05E+01
WH26580307C	-2.64E-03	1.99E-03	1.99E-04	5.04E-03	0.00E+00	0.00E+00	-4.22E-01	-1.93E-04	5.17E-05	-1.04E-03	0.00E+00	0.00E+00	-3.27E-10	-1.83E-08	2.98E-04	-3.31E-01	0.00E+00	0.00E+00	-2.39E-01	0.00E+00	-3.18E-02	0.00E+00	6.99E-10	-2.87E-09	-2.59E-04	-2.12E-10	-4.66E-02	0.00E+00	-3.18E-02	-6.33E-06	-3.18E-02	-1.43E-01	-4.66E-02	0.00E+00	0.00E+00	0.00E+00	-1.05E+01
WH26585300C	-3.57E-03	-1.33E-03	2.70E-04	2.76E-04	0.00E+00	0.00E+00	-6.02E-01	-2.76E-04	1.39E-06	-1.61E-03	0.00E+00	0.00E+00	-5.31E-10	-3.39E-08	7.46E-04	-3.75E-01	0.00E+00	0.00E+00	-6.31E-01	0.00E+00	-4.78E-02	0.00E+00	5.65E-10	-5.76E-09	-5.14E-04	-2.12E-10	-5.22E-02	0.00E+00	-4.78E-02	-9.39E-06	-4.78E-02	-1.74E-01	-5.22E-02	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
WH26585303C	-2.63E-03	3.38E-03	2.67E-04	7.19E-03	0.00E+00	0.00E+00	-4.17E-01	-1.95E-04	5.78E-05	-1.07E-03	0.00E+00	0.00E+00	-3.35E-10	-1.84E-08	3.28E-04	-3.22E-01	0.00E+00	0.00E+00	-2.46E-01	0.00E+00	-2.74E-02	0.00E+00	6.47E-10	-2.88E-09	-2.69E-04	-2.12E-10	-4.30E-02	0.00E+00	-2.74E-02	-6.42E-06	-2.74E-02	-1.43E-01	-4.30E-02	0.00E+00	0.00E+00	0.00E+00	-1.00E+01
WH26585304C	-2.63E-03	3.38E-03	2.67E-04	7.19E-03	0.00E+00	0.00E+00	-4.17E-01	-1.95E-04	5.78E-05	-1.07E-03	0.00E+00	0.00E+00	-3.35E-10	-1.84E-08	3.28E-04	-3.22E-01	0.00E+00	0.00E+00	-2.46E-01	0.00E+00	-2.74E-02	0.00E+00	6.47E-10	-2.88E-09	-2.69E-04	-2.12E-10	-4.30E-02	0.00E+00	-2.74E-02	-6.42E-06	-2.74E-02	-1.43E-01	-4.30E-02	0.00E+00	0.00E+00	0.00E+00	-1.00E+01
WH26585305C	-2.63E-03	3.38E-03	2.67E-04	7.19E-03	0.00E+00	0.00E+00	-4.17E-01	-1.95E-04	5.78E-05	-1.07E-03	0.00E+00	0.00E+00	-3.35E-10	-1.84E-08	3.28E-04	-3.22E-01	0.00E+00	0.00E+00	-2.46E-01	0.00E+00	-2.74E-02	0.00E+00	6.47E-10	-2.88E-09	-2.69E-04	-2.12E-10	-4.30E-02	0.00E+00	-2.74E-02	-6.42E-06	-2.74E-02	-1.43E-01	-4.30E-02	0.00E+00	0.00E+00	0.00E+00	-1.00E+01
WH26585307C	-2.63E-03	3.38E-03	2.67E-04	7.19E-03	0.00E+00	0.00E+00	-4.17E-01	-1.95E-04	5.78E-05	-1.07E-03	0.00E+00	0.00E+00	-3.35E-10	-1.84E-08	3.28E-04	-3.22E-01	0.00E+00	0.00E+00	-2.46E-01	0.00E+00	-2.74E-02	0.00E+00	6.47E-10	-2.88E-09	-2.69E-04	-2.12E-10	-4.30E-02	0.00E+00	-2.74E-02	-6.42E-06	-2.74E-02	-1.43E-01	-4.30E-02	0.00E+00	0.00E+00	0.00E+00	-1.00E+01
WH26585400C	-2.96E-03	-4.70E-02	7.82E-06	-3.53E-02	0.00E+00	0.00E+00	-4.64E-01	-1.99E-04	4.46E-05	-9.69E-04	0.00E+00	0.00E+00	-5.44E-10	-2.05E-08	-5.28E-04	-3.63E-01	0.00E+00	0.00E+00	-3.54E-01	0.00E+00	-4.68E-01	0.00E+00	-2.29E-09	-6.10E-09	-2.66E-04	-2.12E-10	-7.16E-02	0.00E+00	-4.68E-01	-7.33E-06	-4.68E-01	-5.14E-01	-7.16E-02	0.00E+00	0.00E+00	0.00E+00	-1.52E+01
WH26585405C	-3.02E-03	-4.53E-02	6.03E-05	-3.30E-02	0.00E+00	0.00E+00	-4.65E-01	-2.06E-04	4.86E-05	-1.04E-03	0.00E+00	0.00E+00	-5.22E-10	-2.05E-08	-5.22E-04	-3.53E-01	0.00E+00	0.00E+00	-3.72E-01	0.00E+00	-4.52E-01	0.00E+00	-2.13E-09	-5.87E-09	-2.89E-04	-2.12E-10	-7.61E-02	0.00E+00	-4.52E-01	-7.50E-06	-4.52E-01	-5.05E-01	-7.61E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
WH26592200C	-4.37E-03	-5.54E-02	-1.28E-04	-4.24E-02	0.00E+00	0.00E+00	-7.23E-01	-2.94E-04	-6.21E-05	-1.72E-03	0.00E+00	0.00E+00	-7.97E-10	-3.04E-08	-1.02E-03	-5.06E-01	0.00E+00	0.00E+00	-7.43E-01	0.00E+00	-4.84E-01	0.00E+00	-2.63E-09	-9.27E-09	-7.35E-04	-2.12E-10	-9.89E-02	0.00E+00	-4.84E-01	-1.20E-05	-4.84E-01	-5.47E-01	-9.89E-02	0.00E+00	0.00E+00	0.00E+00	-3.09E+01
WH26592205C	-3.13E-03	-4.94E-02	-1.06E-05	-3.60E-02	0.00E+00	0.00E+00	-4.96E-01	-2.27E-04	3.87E-05	-1.19E-03	0.00E+00	0.00E+00	-5.57E-10	-2.03E-08	-5.36E-04	-3.94E-01	0.00E+00	0.00E+00	-3.58E-01	0.00E+00	-4.79E-01	0.00E+00	-2.24E-09	-6.72E-09	-3.52E-04	-2.12E-10	-8.02E-02	0.00E+00	-4.79E-01	-8.42E-06	-4.79E-01	-5.26E-01	-8.02E-02	0.00E+00	0.00E+00	0.00E+00	-1.70E+01
WH26593200C	-4.27E-03	-2.01E-01	7.12E-04	-5.16E-02	0.00E+00	0.00E+00	-9.23E-01	-5.99E-04	5.22E-07	-2.07E-03	0.00E+00	0.00E+00	-6.30E-10	-6.08E-08	1.84E-03	-4.80E+00	0.00E+00	0.00E+00	-5.40E-01	0.00E+00	1.69E+00	0.00E+00	2.03E-09	-1.14E-08	-8.40E-04	-2.12E-10	-6.78E-01	0.00E+00	1.69E+00	-1.42E-05	1.69E+00	4.37E-01	-6.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
WH26595200C	-4.11E-03	-5.54E-02	-1.57E-04	-4.10E-02	0.00E+00	0.00E+00	-6.78E-01	-2.90E-04	-4.28E-05	-1.66E-03	0.00E+00	0.00E+00	-7.95E-10	-2.89E-08	-9.70E-04	-4.55E-01	0.00E+00	0.00E+00	-6.93E-01	0.00E+00	-5.06E-01	0.00E+00	-2.30E-09	-9.09E-09	-6.57E-04	-2.12E-10	-9.59E-02	0.00E+00	-5.06E-01	-1.17E-05	-5.06E-01	-5.63E-01	-9.59E-02	0.00E+00	0.00E+00	0.00E+00	-2.98E+01
WH26595205C	-3.25E-03	-4.80E-02	1.51E-05	-3.47E-02	0.00E+00	0.00E+00	-5.01E-01	-2.36E-04	4.53E-05	-1.23E-03	0.00E+00	0.00E+00	-5.46E-10	-2.06E-08	-5.29E-04	-3.91E-01	0.00E+00	0.00E+00	-3.68E-01	0.00E+00	-4.75E-01	0.00E+00	-2.08E-09	-6.69E-09	-3.52E-04	-2.12E-10	-8.34E-02	0.00E+00	-4.75E-01	-8.57E-06	-4.75E-01	-5.26E-01	-8.34E-02	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
WH26595207C	-3.25E-03	-4.80E-02	1.51E-05	-3.47E-02	0.00E+00	0.00E+00	-5.01E-01	-2.36E-04	4.53E-05	-1.23E-03	0.00E+00	0.00E+00	-5.46E-10	-2.06E-08	-5.29E-04	-3.91E-01	0.00E+00	0.00E+00	-3.68E-01	0.00E+00	-4.75E-01	0.00E+00	-2.08E-09	-6.69E-09	-3.52E-04	-2.12E-10	-8.34E-02	0.00E+00	-4.75E-01	-8.57E-06	-4.75E-01	-5.26E-01	-8.34E-02	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
WH26596200C	-4.26E-03	-2.04E-01	6.91E-04	-7.61E-02	0.00E+00	0.00E+00	-9.17E-01	-6.04E-04	1.60E-05	-2.11E-03	0.00E+00	0.00E+00	-6.40E-10	-6.12E-08	1.65E-03	-4.78E+00	0.00E+00	0.00E+00	-5.20E-01	0.00E+00	1.48E+00	0.00E+00	2.07E-09	-1.16E-08	-8.04E-04	-2.12E-10	-7.83E-01	0.00E+00	1.48E+00	-1.38E-05	1.48E+00	1.04E-01	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
WH26596203C	-4.26E-03	-2.04E-01	6.91E-04	-7.61E-02	0.00E+00	0.00E+00	-9.17E-01	-6.04E-04	1.60E-05	-2.11E-03	0.00E+00	0.00E+00	-6.40E-10	-6.12E-08	1.65E-03	-4.78E+00	0.00E+00	0.00E+00	-5.20E-01	0.00E+00	1.48E+00	0.00E+00	2.07E-09	-1.16E-08	-8.04E-04	-2.12E-10	-7.83E-01	0.00E+00	1.48E+00	-1.38E-05	1.48E+00	1.04E-01	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
WH26596207C	-4.26E-03	-2.04E-01	6.91E-04	-7.61E-02	0.00E+00	0.00E+00	-9.17E-01	-6.04E-04	1.60E-05	-2.11E-03	0.00E+00	0.00E+00	-6.40E-10	-6.12E-08	1.65E-03	-4.78E+00	0.00E+00	0.00E+00	-5.20E-01	0.00E+00	1.48E+00	0.00E+00	2.07E-09	-1.16E-08	-8.04E-04	-2.12E-10	-7.83E-01	0.00E+00	1.48E+00	-1.38E-05	1.48E+00	1.04E-01	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
WH26620300C	-3.09E-03	1.98E-03	2.67E-04	-2.38E-03	0.00E+00	0.00E+00	-5.07E-01	-1.75E-04	8.71E-05	-1.29E-03	0.00E+00	0.00E+00	-3.30E-10	-2.04E-08	6.23E-04	-4.21E-01	0.00E+00	0.00E+00	-2.05E-01	0.00E+00	-2.71E-02	0.00E+00	3.70E-10	-4.40E-09	-3.06E-04	-2.12E-10	-5.74E-02	0.00E+00	-2.71E-02	-7.92E-06	-2.71E-02	-1.52E-01	-5.74E-02	0.00E+00	0.00E+00	0.00E+00	-1.66E+01
WH26620303C	-3.00E-03	3.87E-03	2.53E-04	4.27E-03	0.00E+00	0.00E+00	-4.90E-01	-1.83E-04	7.31E-05	-1.32E-03	0.00E+00	0.00E+00	-3.32E-10	-1.88E-08	3.84E-04	-3.95E-01	0.00E+00	0.00E+00	-2.24E-01	0.00E+00	-3.18E-02	0.00E+00	5.70E-10	-4.47E-09	-3.39E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.30E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH26620304C	-3.00E-03	3.87E-03	2.53E-04	4.27E-03	0.00E+00	0.00E+00	-4.90E-01	-1.83E-04	7.31E-05	-1.32E-03	0.00E+00	0.00E+00	-3.32E-10	-1.88E-08	3.84E-04	-3.95E-01	0.00E+00	0.00E+00	-2.24E-01	0.00E+00	-3.18E-02	0.00E+00	5.70E-10	-4.47E-09	-3.39E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.30E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH26620305C	-3.00E-03	3.87E-03	2.53E-04	4.27E-03	0.00E+00	0.00E+00	-4.90E-01	-1.83E-04	7.31E-05	-1.32E-03	0.00E+00	0.00E+00	-3.32E-10	-1.88E-08	3.84E-04	-3.95E-01	0.00E+00	0.00E+00	-2.24E-01	0.00E+00	-3.18E-02	0.00E+00	5.70E-10	-4.47E-09	-3.39E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.30E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH26620307C	-3.00E-03	3.87E-03	2.53E-04	4.27E-03	0.00E+00	0.00E+00	-4.90E-01	-1.83E-04	7.31E-05	-1.32E-03	0.00E+00	0.00E+00	-3.32E-10	-1.88E-08	3.84E-04	-3.95E-01	0.00E+00	0.00E+00	-2.24E-01	0.00E+00	-3.18E-02	0.00E+00	5.70E-10	-4.47E-09	-3.39E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.30E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH26620309C	-3.00E-03	3.87E-03	2.53E-04	4.27E-03	0.00E+00	0.00E+00	-4.90E-01	-1.83E-04	7.31E-05	-1.32E-03	0.00E+00	0.00E+00	-3.32E-10	-1.88E-08	3.84E-04	-3.95E-01	0.00E+00	0.00E+00	-2.24E-01	0.00E+00	-3.18E-02	0.00E+00	5.70E-10	-4.47E-09	-3.39E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.30E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH26620700C	-3.77E-03	-9.97E-04	2.33E-04	-7.52E-03	0.00E+00	0.00E+00	-6.75E-01	-2.30E-04	4.65E-06	-1.51E-03	0.00E+00	0.00E+00	-5.36E-10	-2.18E-08	6.28E-04	-4.58E-01	0.00E+00	0.00E+00	-4.45E-01	0.00E+00	-4.14E-02	0.00E+00	5.08E-10	-6.61E-09	-4.62E-04	-2.12E-10	-6.51E-02	0.00E+00	-4.14E-02	-9.60E-06	-4.14E-02	-1.69E-01	-6.51E-02	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
WH26620704C	-3.11E-03	3.78E-03	2.43E-04	3.88E-03	0.00E+00	0.00E+00	-4.98E-01	-2.22E-04	5.10E-07	-1.40E-03	0.00E+00	0.00E+00	-3.62E-10	-2.12E-08	1.98E-04	-3.95E-01	0.00E+00	0.00E+00	-2.69E-01	0.00E+00	-3.18E-02	0.00E+00	5.39E-10	-4.68E-09	-3.48E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.91E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
WH26620705C	-3.11E-03	3.78E-03	2.43E-04	3.88E-03	0.00E+00	0.00E+00	-4.98E-01	-2.22E-04	5.10E-07	-1.40E-03	0.00E+00	0.00E+00	-3.62E-10	-2.12E-08	1.98E-04	-3.95E-01	0.00E+00	0.00E+00	-2.69E-01	0.00E+00	-3.18E-02	0.00E+00	5.39E-10	-4.68E-09	-3.48E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.91E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
WH26623305C	-3.79E-03	-4.48E-04	2.21E-04	4.21E-04	0.00E+00	0.00E+00	-7.35E-01	-1.90E-04	1.06E-04	-1.55E-03	0.00E+00	0.00E+00	-4.93E-10	-1.84E-08	3.33E-04	-4.42E-01	0.00E+00	0.00E+00	-4.88E-01	0.00E+00	-4.99E-02	0.00E+00	7.93E-10	-7.18E-09	-4.61E-04	-2.12E-10	-6.49E-02	0.00E+00	-4.99E-02	-1.07E-05	-4.99E-02	-1.62E-01	-6.49E-02	0.00E+00	0.00E+00	0.00E+00	-3.03E+01
WH26625300C	-3.58E-03	2.14E-03	3.39E-04	-1.18E-04	0.00E+00	0.00E+00	-6.49E-01	-1.86E-04	9.66E-05	-1.39E-03	0.00E+00	0.00E+00	-4.90E-10	-1.91E-08	6.71E-04	-4.33E-01	0.00E+00	0.00E+00	-4.14E-01	0.00E+00	-4.99E-02	0.00E+00	7.47E-10	-6.68E-09	-4.69E-04	-2.12E-10	-6.39E-02	0.00E+00	-4.99E-02	-8.74E-06	-4.99E-02	-1.65E-01	-6.39E-02	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH26625303C	-3.14E-03	3.24E-03	2.60E-04	4.43E-03	0.00E+00	0.00E+00	-5.06E-01	-1.91E-04	6.95E-05	-1.41E-03	0.00E+00	0.00E+00	-3.26E-10	-1.92E-08	3.46E-04	-3.92E-01	0.00E+00	0.00E+00	-2.33E-01	0.00E+00	-2.74E-02	0.00E+00	5.46E-10	-4.55E-09	-3.51E-04	-2.12E-10	-5.69E-02	0.00E+00	-2.74E-02	-8.60E-06	-2.74E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
WH26625304C	-3.14E-03	3.24E-03	2.60E-04	4.43E-03	0.00E+00	0.00E+00	-5.06E-01	-1.91E-04	6.95E-05	-1.41E-03	0.00E+00	0.00E+00	-3.26E-10	-1.92E-08	3.46E-04	-3.92E-01	0.00E+00	0.00E+00	-2.33E-01	0.00E+00	-2.74E-02	0.00E+00	5.46E-10	-4.55E-09	-3.51E-04	-2.12E-10	-5.69E-02	0.00E+00	-2.74E-02	-8.60E-06	-2.74E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
WH26625305C	-3.14E-03	3.24E-03	2.60E-04	4.43E-03	0.00E+00	0.00E+00	-5.06E-01	-1.91E-04	6.95E-05	-1.41E-03	0.00E+00	0.00E+00	-3.26E-10	-1.92E-08	3.46E-04	-3.92E-01	0.00E+00	0.00E+00	-2.33E-01	0.00E+00	-2.74E-02	0.00E+00	5.46E-10	-4.55E-09	-3.51E-04	-2.12E-10	-5.69E-02	0.00E+00	-2.74E-02	-8.60E-06	-2.74E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
WH26625307C	-3.14E-03	3.24E-03	2.60E-04	4.43E-03	0.00E+00	0.00E+00	-5.06E-01	-1.91E-04	6.95E-05	-1.41E-03	0.00E+00	0.00E+00	-3.26E-10	-1.92E-08	3.46E-04	-3.92E-01	0.00E+00	0.00E+00	-2.33E-01	0.00E+00	-2.74E-02	0.00E+00	5.46E-10	-4.55E-09	-3.51E-04	-2.12E-10	-5.69E-02	0.00E+00	-2.74E-02	-8.60E-06	-2.74E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
WH26625700C	-3.75E-03	2.08E-03	2.40E-04	2.34E-04	0.00E+00	0.00E+00	-6.68E-01	-2.18E-04	1.06E-05	-1.81E-03	0.00E+00	0.00E+00	-5.18E-10	-2.03E-08	3.74E-04	-4.31E-01	0.00E+00	0.00E+00	-5.13E-01	0.00E+00	-4.99E-02	0.00E+00	6.43E-10	-6.85E-09	-5.06E-04	-2.12E-10	-6.39E-02	0.00E+00	-4.99E-02	-1.06E-05	-4.99E-02	-1.65E-01	-6.39E-02	0.00E+00	0.00E+00	0.00E+00	-2.74E+01
WH26625709C	-3.95E-03	-1.04E-04	1.62E-04	8.15E-04	0.00E+00	0.00E+00	-7.02E-01	-2.39E-04	-2.16E-05	-1.96E-03	0.00E+00	0.00E+00	-5.32E-10	-2.12E-08	5.66E-05	-4.27E-01	0.00E+00	0.00E+00	-5.31E-01	0.00E+00	-4.55E-02	0.00E+00	6.07E-10	-7.12E-09	-5.44E-04	-2.12E-10	-6.54E-02	0.00E+00	-4.55E-02	-1.18E-05	-4.55E-02	-1.62E-01	-6.54E-02	0.00E+00	0.00E+00	0.00E+00	-2.86E+01
WH26640300C	7.59E-04	5.70E-02	2.08E-03	5.49E-02	0.00E+00	0.00E+00	2.60E-01	-1.81E-05	6.43E-04	4.15E-04	0.00E+00	0.00E+00	-1.70E-10	4.79E-09	1.76E-03	1.18E-01	0.00E+00	0.00E+00	1.70E-01	0.00E+00	2.61E-01	0.00E+00	3.36E-09	4.67E-10	8.05E-05	0.00E+00	4.44E-02	0.00E+00	2.61E-01	-7.82E-07	2.61E-01	3.05E-01	4.44E-02	0.00E+00	0.00E+00	0.00E+00	5.47E+00
WH26640700C	-1.01E-02	-3.03E-03	-1.13E-03	-1.90E-03	0.00E+00	0.00E+00	-2.31E+00	-1.03E-03	-4.03E-04	-5.20E-03	0.00E+00	0.00E+00	-1.23E-09	-1.20E-07	-4.75E-04	-8.31E-01	0.00E+00	0.00E+00	-1.81E+00	0.00E+00	-4.51E-01	0.00E+00	-1.11E-09	-1.76E-08	-1.51E-03	0.00E+00	-1.72E-01	0.00E+00	-4.51E-01	-2.97E-05	-4.51E-01	-6.23E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-7.87E+01
WH26640703C	-3.67E-03	2.73E-03	2.65E-04	5.62E-03	0.00E+00	0.00E+00	-6.99E-01	-3.06E-04	5.95E-05	-1.66E-03	0.00E+00	0.00E+00	-4.94E-10	-3.72E-08	6.76E-04	-4.02E-01	0.00E+00	0.00E+00	-4.15E-01	0.00E+00	-3.89E-02	0.00E+00	6.89E-10	-5.96E-09	-3.53E-04	-2.12E-10	-5.58E-02	0.00E+00	-3.89E-02	-1.21E-05	-3.89E-02	-1.26E-01	-5.58E-02	0.00E+00	0.00E+00	0.00E+00	-1.99E+01
WH26640704C	-3.67E-03	2.73E-03	2.65E-04	5.62E-03	0.00E+00	0.00E+00	-6.99E-01	-3.06E-04	5.95E-05	-1.66E-03	0.00E+00	0.00E+00	-4.94E-10	-3.72E-08	6.76E-04	-4.02E-01	0.00E+00	0.00E+00	-4.15E-01	0.00E+00	-3.89E-02	0.00E+00	6.89E-10	-5.96E-09	-3.53E-04	-2.12E-10	-5.58E-02	0.00E+00	-3.89E-02	-1.21E-05	-3.89E-02	-1.26E-01	-5.58E-02	0.00E+00	0.00E+00	0.00E+00	-1.99E+01
WH26640705C	-3.67E-03	2.73E-03	2.65E-04	5.62E-03	0.00E+00	0.00E+00	-6.99E-01	-3.06E-04	5.95E-05	-1.66E-03	0.00E+00	0.00E+00	-4.94E-10	-3.72E-08	6.76E-04	-4.02E-01	0.00E+00	0.00E+00	-4.15E-01	0.00E+00	-3.89E-02	0.00E+00	6.89E-10	-5.96E-09	-3.53E-04	-2.12E-10	-5.58E-02	0.00E+00	-3.89E-02	-1.21E-05	-3.89E-02	-1.26E-01	-5.58E-02	0.00E+00	0.00E+00	0.00E+00	-1.99E+01
WH26640707C	-3.67E-03	2.73E-03	2.65E-04	5.62E-03	0.00E+00	0.00E+00	-6.99E-01	-3.06E-04	5.95E-05	-1.66E-03	0.00E+00	0.00E+00	-4.94E-10	-3.72E-08	6.76E-04	-4.02E-01	0.00E+00	0.00E+00	-4.15E-01	0.00E+00	-3.89E-02	0.00E+00	6.89E-10	-5.96E-09	-3.53E-04	-2.12E-10	-5.58E-02	0.00E+00	-3.89E-02	-1.21E-05	-3.89E-02	-1.26E-01	-5.58E-02	0.00E+00	0.00E+00	0.00E+00	-1.99E+01
WH26643305C	-4.33E-03	-4.62E-03	9.18E-05	-3.66E-03	0.00E+00	0.00E+00	-8.46E-01	-3.49E-04	1.53E-04	-2.22E-03	0.00E+00	0.00E+00	-3.42E-10	-2.06E-08	4.54E-04	-4.82E-01	0.00E+00	0.00E+00	-7.20E-01	0.00E+00	-4.50E-02	0.00E+00	5.63E-10	-6.99E-09	-7.77E-04	-2.12E-10	-8.10E-02	0.00E+00	-4.50E-02	-1.70E-05	-4.50E-02	-1.37E-01	-8.10E-02	0.00E+00	0.00E+00	0.00E+00	-2.32E+01
WH26645300C	-4.21E-03	-4.09E-03	3.81E-04	-2.58E-03	0.00E+00	0.00E+00	-7.08E-01	-3.69E-04	1.38E-04	-1.76E-03	0.00E+00	0.00E+00	-3.59E-10	-3.09E-08	1.21E-03	-4.51E-01	0.00E+00	0.00E+00	-7.35E-01	0.00E+00	-4.15E-02	0.00E+00	7.92E-10	-7.22E-09	-5.16E-04	-2.12E-10	-6.22E-02	0.00E+00	-4.15E-02	-1.23E-05	-4.15E-02	-1.41E-01	-6.22E-02	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
WH26645303C	-4.29E-03	-5.10E-03	4.52E-04	-8.34E-04	0.00E+00	0.00E+00	-7.59E-01	-3.93E-04	1.26E-04	-1.74E-03	0.00E+00	0.00E+00	-3.53E-10	-3.12E-08	1.19E-03	-4.51E-01	0.00E+00	0.00E+00	-7.59E-01	0.00E+00	-3.71E-02	0.00E+00	8.78E-10	-7.46E-09	-5.53E-04	-2.12E-10	-6.32E-02	0.00E+00	-3.71E-02	-1.27E-05	-3.71E-02	-1.38E-01	-6.32E-02	0.00E+00	0.00E+00	0.00E+00	-2.34E+01
WH26645304C	-4.29E-03	-5.10E-03	4.52E-04	-8.34E-04	0.00E+00	0.00E+00	-7.59E-01	-3.93E-04	1.26E-04	-1.74E-03	0.00E+00	0.00E+00	-3.53E-10	-3.12E-08	1.19E-03	-4.51E-01	0.00E+00	0.00E+00	-7.59E-01	0.00E+00	-3.71E-02	0.00E+00	8.78E-10	-7.46E-09	-5.53E-04	-2.12E-10	-6.32E-02	0.00E+00	-3.71E-02	-1.27E-05	-3.71E-02	-1.38E-01	-6.32E-02	0.00E+00	0.00E+00	0.00E+00	-2.34E+01
WH26645305C	-4.29E-03	-5.10E-03	4.52E-04	-8.34E-04	0.00E+00	0.00E+00	-7.59E-01	-3.93E-04	1.26E-04	-1.74E-03	0.00E+00	0.00E+00	-3.53E-10	-3.12E-08	1.19E-03	-4.51E-01	0.00E+00	0.00E+00	-7.59E-01	0.00E+00	-3.71E-02	0.00E+00	8.78E-10	-7.46E-09	-5.53E-04	-2.12E-10	-6.32E-02	0.00E+00	-3.71E-02	-1.27E-05	-3.71E-02	-1.38E-01	-6.32E-02	0.00E+00	0.00E+00	0.00E+00	-2.34E+01
WH26645307C	-4.29E-03	-5.10E-03	4.52E-04	-8.34E-04	0.00E+00	0.00E+00	-7.59E-01	-3.93E-04	1.26E-04	-1.74E-03	0.00E+00	0.00E+00	-3.53E-10	-3.12E-08	1.19E-03	-4.51E-01	0.00E+00	0.00E+00	-7.59E-01	0.00E+00	-3.71E-02	0.00E+00	8.78E-10	-7.46E-09	-5.53E-04	-2.12E-10	-6.32E-02	0.00E+00	-3.71E-02	-1.27E-05	-3.71E-02	-1.38E-01	-6.32E-02	0.00E+00	0.00E+00	0.00E+00	-2.34E+01
WH26645700C	-4.80E-03	-3.04E-03	-3.09E-05	-2.83E-03	0.00E+00	0.00E+00	-8.25E-01	-4.19E-04	2.56E-05	-2.23E-03	0.00E+00	0.00E+00	-6.58E-10	-5.32E-08	7.84E-04	-4.74E-01	0.00E+00	0.00E+00	-7.87E-01	0.00E+00	-6.53E-02	0.00E+00	5.24E-10	-8.21E-09	-6.87E-04	-2.12E-10	-7.18E-02	0.00E+00	-6.53E-02	-1.59E-05	-6.53E-02	-1.46E-01	-7.18E-02	0.00E+00	0.00E+00	0.00E+00	-3.88E+01
WH26645704C	-4.94E-03	-4.32E-03	-1.19E-05	-2.36E-03	0.00E+00	0.00E+00	-8.79E-01	-4.39E-04	3.49E-06	-2.27E-03	0.00E+00	0.00E+00	-6.73E-10	-5.40E-08	5.80E-04	-4.70E-01	0.00E+00	0.00E+00	-8.07E-01	0.00E+00	-6.09E-02	0.00E+00	6.37E-10	-8.45E-09	-7.32E-04	-2.12E-10	-7.07E-02	0.00E+00	-6.09E-02	-1.69E-05	-6.09E-02	-1.44E-01	-7.07E-02	0.00E+00	0.00E+00	0.00E+00	-3.94E+01
WH26750100C	-6.69E-03	-2.56E-02	-3.21E-05	-2.14E-02	0.00E+00	0.00E+00	-8.47E-01	-4.92E-04	3.33E-06	-1.26E-03	0.00E+00	0.00E+00	-4.53E-10	-4.25E-08	9.06E-06	-2.02E+00	0.00E+00	0.00E+00	-3.94E-01	0.00E+00	-3.29E-02	0.00E+00	5.08E-10	-7.00E-09	-5.17E-04	-2.12E-10	-3.00E-01	0.00E+00	-3.29E-02	-7.81E-06	-3.29E-02	-2.37E-01	-3.00E-01	0.00E+00	0.00E+00	0.00E+00	-2.29E+01
WH26915600C	-4.55E-03	-7.93E-02	-1.17E-05	-6.49E-02	0.00E+00	0.00E+00	-9.12E-01	-6.40E-04	-4.30E-05	-2.01E-03	0.00E+00	0.00E+00	-8.28E-10	-7.07E-08	1.56E-06	-2.00E+00	0.00E+00	0.00E+00	-4.80E-01	0.00E+00	-1.89E-01	0.00E+00	-5.11E-10	-1.06E-08	-8.96E-04	-2.12E-10	-3.16E-01	0.00E+00	-1.89E-01	-1.51E-05	-1.89E-01	-9.61E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH26915700C	-4.15E-03	-1.98E-01	8.97E-05	-1.29E-01	0.00E+00	0.00E+00	-1.05E+00	-6.35E-04	-1.02E-04	-2.24E-03	0.00E+00	0.00E+00	-8.55E-10	-6.53E-08	1.03E-04	-3.42E+00	0.00E+00	0.00E+00	-6.10E-01	0.00E+00	-2.68E-01	0.00E+00	-2.26E-09	-1.42E-08	-1.03E-03	-2.12E-10	-6.50E-01	0.00E+00	-2.68E-01	-1.69E-05	-2.68E-01	-1.44E+00	-6.50E-01	0.00E+00	0.00E+00	0.00E+00	-3.41E+01
WH26915800C	-4.30E-03	-9.06E-02	-5.92E-04	-1.05E-01	0.00E+00	0.00E+00	-1.03E+00	-6.56E-04	-1.19E-04	-2.10E-03	0.00E+00	0.00E+00	-8.50E-10	-7.00E-08	-7.12E-04	-2.23E+00	0.00E+00	0.00E+00	-5.74E-01	0.00E+00	-6.54E-01	0.00E+00	-1.47E-09	-1.23E-08	-1.01E-03	-2.12E-10	-5.00E-01	0.00E+00	-6.54E-01	-1.67E-05	-6.54E-01	-1.38E+00	-5.00E-01	0.00E+00	0.00E+00	0.00E+00	-3.39E+01
WH26916300C	-4.55E-03	-7.93E-02	-1.17E-05	-6.49E-02	0.00E+00	0.00E+00	-9.12E-01	-6.40E-04	-4.30E-05	-2.01E-03	0.00E+00	0.00E+00	-8.28E-10	-7.07E-08	1.56E-06	-2.00E+00	0.00E+00	0.00E+00	-4.80E-01	0.00E+00	-1.89E-01	0.00E+00	-5.11E-10	-1.06E-08	-8.96E-04	-2.12E-10	-3.16E-01	0.00E+00	-1.89E-01	-1.51E-05	-1.89E-01	-9.61E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH26917000C	-4.59E-03	-8.61E-02	-8.69E-05	-6.35E-02	0.00E+00	0.00E+00	-9.32E-01	-6.43E-04	-7.07E-05	-2.02E-03	0.00E+00	0.00E+00	-8.29E-10	-7.20E-08	4.48E-04	-2.03E+00	0.00E+00	0.00E+00	-5.06E-01	0.00E+00	-2.07E-01	0.00E+00	-1.07E-09	-1.11E-08	-9.65E-04	-2.12E-10	-3.32E-01	0.00E+00	-2.07E-01	-1.56E-05	-2.07E-01	-7.60E-01	-3.32E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
WH26917805C	-4.38E-03	-2.04E-01	6.28E-04	-5.59E-02	0.00E+00	0.00E+00	-9.68E-01	-6.16E-04	-3.66E-07	-2.14E-03	0.00E+00	0.00E+00	-7.99E-10	-6.27E-08	1.15E-03	-5.37E+00	0.00E+00	0.00E+00	-5.49E-01	0.00E+00	1.67E+00	0.00E+00	2.12E-09	-1.18E-08	-9.12E-04	-2.12E-10	-7.71E-01	0.00E+00	1.67E+00	-1.54E-05	1.67E+00	3.87E-01	-7.71E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
WH27580300C	6.74E-05	1.60E-03	4.32E-04	1.17E-03	0.00E+00	0.00E+00	1.02E-02	-1.74E-05	1.69E-04	-5.01E-05	0.00E+00	0.00E+00	-1.89E-10	1.80E-11	2.92E-04	-2.72E-01	0.00E+00	0.00E+00	-5.91E-02	0.00E+00	-7.85E-02	0.00E+00	3.31E-10	-1.32E-09	-5.56E-05	0.00E+00	-3.91E-02	0.00E+00	-7.85E-02	-7.47E-07	-7.85E-02	-1.18E-01	-3.91E-02	0.00E+00	0.00E+00	0.00E+00	-2.95E+00
WH27580303C	-2.57E-03	3.65E-03	2.82E-04	6.08E-03	0.00E+00	0.00E+00	-4.06E-01	-1.88E-04	6.18E-05	-9.90E-04	0.00E+00	0.00E+00	-3.41E-10	-1.81E-08	3.09E-04	-3.25E-01	0.00E+00	0.00E+00	-2.36E-01	0.00E+00	-3.18E-02	0.00E+00	6.99E-10	-2.83E-09	-2.56E-04	-2.12E-10	-4.30E-02	0.00E+00	-3.18E-02	-6.23E-06	-3.18E-02	-1.43E-01	-4.30E-02	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
WH27580304C	-2.57E-03	3.65E-03	2.82E-04	6.08E-03	0.00E+00	0.00E+00	-4.06E-01	-1.88E-04	6.18E-05	-9.90E-04	0.00E+00	0.00E+00	-3.41E-10	-1.81E-08	3.09E-04	-3.25E-01	0.00E+00	0.00E+00	-2.36E-01	0.00E+00	-3.18E-02	0.00E+00	6.99E-10	-2.83E-09	-2.56E-04	-2.12E-10	-4.30E-02	0.00E+00	-3.18E-02	-6.23E-06	-3.18E-02	-1.43E-01	-4.30E-02	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
WH27580305C	-2.57E-03	3.65E-03	2.82E-04	6.08E-03	0.00E+00	0.00E+00	-4.06E-01	-1.88E-04	6.18E-05	-9.90E-04	0.00E+00	0.00E+00	-3.41E-10	-1.81E-08	3.09E-04	-3.25E-01	0.00E+00	0.00E+00	-2.36E-01	0.00E+00	-3.18E-02	0.00E+00	6.99E-10	-2.83E-09	-2.56E-04	-2.12E-10	-4.30E-02	0.00E+00	-3.18E-02	-6.23E-06	-3.18E-02	-1.43E-01	-4.30E-02	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
WH27580306C	-2.82E-03	-3.82E-02	-7.23E-04	-3.75E-02	0.00E+00	0.00E+00	-7.25E-01	-2.80E-04	-1.29E-04	-1.72E-03	0.00E+00	0.00E+00	-5.31E-10	-3.25E-08	-7.09E-04	-3.20E-01	0.00E+00	0.00E+00	-6.43E-01	0.00E+00	-3.90E-01	0.00E+00	-1.71E-09	-6.70E-09	-5.32E-04	0.00E+00	-7.42E-02	0.00E+00	-3.90E-01	-8.22E-06	-3.90E-01	-4.64E-01	-7.42E-02	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
WH27580307C	-2.57E-03	3.65E-03	2.82E-04	6.08E-03	0.00E+00	0.00E+00	-4.06E-01	-1.88E-04	6.18E-05	-9.90E-04	0.00E+00	0.00E+00	-3.41E-10	-1.81E-08	3.09E-04	-3.25E-01	0.00E+00	0.00E+00	-2.36E-01	0.00E+00	-3.18E-02	0.00E+00	6.99E-10	-2.83E-09	-2.56E-04	-2.12E-10	-4.30E-02	0.00E+00	-3.18E-02	-6.23E-06	-3.18E-02	-1.43E-01	-4.30E-02	0.00E+00	0.00E+00	0.00E+00	-1.01E+01

WH27580309C	-2.57E-03	3.65E-03	2.82E-04	6.08E-03	0.00E+00	0.00E+00	-4.06E-01	-1.88E-04	6.18E-05	-9.90E-04	0.00E+00	0.00E+00	-3.41E-10	-1.81E-08	3.09E-04	-3.25E-01	0.00E+00	0.00E+00	-2.36E-01	0.00E+00	-3.18E-02	0.00E+00	6.99E-10	-2.83E-09	-2.56E-04	-2.12E-10	-4.30E-02	0.00E+00	-3.18E-02	-6.23E-06	-3.18E-02	-1.43E-01	-4.30E-02	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
WH27583305C	-2.67E-03	2.08E-03	3.37E-04	6.28E-03	0.00E+00	0.00E+00	-4.51E-01	-1.59E-04	5.81E-05	-9.33E-04	0.00E+00	0.00E+00	-3.98E-10	-1.69E-08	1.34E-03	-3.16E-01	0.00E+00	0.00E+00	-2.97E-01	0.00E+00	-3.73E-02	0.00E+00	9.06E-10	-3.31E-09	-3.25E-04	-2.12E-10	-4.17E-02	0.00E+00	-3.73E-02	-7.06E-06	-3.73E-02	-1.46E-01	-4.17E-02	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
WH27583306C	2.24E-04	2.25E-02	1.21E-03	2.13E-02	0.00E+00	0.00E+00	2.54E-01	-9.87E-06	1.90E-04	1.81E-04	0.00E+00	0.00E+00	3.54E-11	1.09E-09	1.52E-03	1.05E-02	0.00E+00	0.00E+00	2.03E-01	0.00E+00	3.45E-01	0.00E+00	2.67E-09	1.19E-09	6.24E-05	0.00E+00	2.80E-02	0.00E+00	3.45E-01	-2.98E-07	3.45E-01	3.73E-01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	7.28E+00
WH27583307C	-2.67E-03	2.08E-03	3.37E-04	6.28E-03	0.00E+00	0.00E+00	-4.51E-01	-1.59E-04	5.81E-05	-9.33E-04	0.00E+00	0.00E+00	-3.98E-10	-1.69E-08	1.34E-03	-3.16E-01	0.00E+00	0.00E+00	-2.97E-01	0.00E+00	-3.73E-02	0.00E+00	9.06E-10	-3.31E-09	-3.25E-04	-2.12E-10	-4.17E-02	0.00E+00	-3.73E-02	-7.06E-06	-3.73E-02	-1.46E-01	-4.17E-02	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
WH27585300C	4.45E-05	-1.29E-02	3.59E-04	-1.32E-02	0.00E+00	0.00E+00	8.09E-03	-1.73E-05	1.59E-04	-1.75E-04	0.00E+00	0.00E+00	-1.91E-10	8.33E-12	2.23E-04	-5.99E-02	0.00E+00	0.00E+00	-5.70E-02	0.00E+00	-8.54E-02	0.00E+00	1.37E-10	-1.32E-09	-8.13E-05	0.00E+00	-8.54E-03	0.00E+00	-8.54E-02	-7.34E-07	-8.54E-02	-9.39E-02	-8.54E-03	0.00E+00	0.00E+00	0.00E+00	-2.81E+00
WH27585303C	-2.67E-03	4.96E-03	2.72E-04	6.89E-03	0.00E+00	0.00E+00	-4.36E-01	-1.88E-04	5.43E-05	-1.12E-03	0.00E+00	0.00E+00	-3.29E-10	-1.92E-08	3.18E-04	-3.24E-01	0.00E+00	0.00E+00	-2.74E-01	0.00E+00	-2.74E-02	0.00E+00	6.48E-10	-2.84E-09	-2.75E-04	-2.12E-10	-4.34E-02	0.00E+00	-2.74E-02	-6.44E-06	-2.74E-02	-1.43E-01	-4.34E-02	0.00E+00	0.00E+00	0.00E+00	-9.97E+00
WH27585304C	-2.67E-03	4.96E-03	2.72E-04	6.89E-03	0.00E+00	0.00E+00	-4.36E-01	-1.88E-04	5.43E-05	-1.12E-03	0.00E+00	0.00E+00	-3.29E-10	-1.92E-08	3.18E-04	-3.24E-01	0.00E+00	0.00E+00	-2.74E-01	0.00E+00	-2.74E-02	0.00E+00	6.48E-10	-2.84E-09	-2.75E-04	-2.12E-10	-4.34E-02	0.00E+00	-2.74E-02	-6.44E-06	-2.74E-02	-1.43E-01	-4.34E-02	0.00E+00	0.00E+00	0.00E+00	-9.97E+00
WH27585305C	-2.67E-03	4.96E-03	2.72E-04	6.89E-03	0.00E+00	0.00E+00	-4.36E-01	-1.88E-04	5.43E-05	-1.12E-03	0.00E+00	0.00E+00	-3.29E-10	-1.92E-08	3.18E-04	-3.24E-01	0.00E+00	0.00E+00	-2.74E-01	0.00E+00	-2.74E-02	0.00E+00	6.48E-10	-2.84E-09	-2.75E-04	-2.12E-10	-4.34E-02	0.00E+00	-2.74E-02	-6.44E-06	-2.74E-02	-1.43E-01	-4.34E-02	0.00E+00	0.00E+00	0.00E+00	-9.97E+00
WH27585306C	-2.61E-03	1.76E-02	1.80E-04	1.74E-02	0.00E+00	0.00E+00	-4.91E-01	-2.72E-04	-8.54E-05	-1.21E-03	0.00E+00	0.00E+00	-3.06E-10	-3.14E-08	6.73E-04	-1.94E-01	0.00E+00	0.00E+00	-3.89E-01	0.00E+00	6.17E-02	0.00E+00	1.15E-09	-4.00E-09	-3.55E-04	0.00E+00	-2.99E-02	0.00E+00	6.17E-02	-7.79E-06	6.17E-02	3.18E-02	-2.99E-02	0.00E+00	0.00E+00	0.00E+00	-1.77E+01
WH27585307C	-2.67E-03	4.96E-03	2.72E-04	6.89E-03	0.00E+00	0.00E+00	-4.36E-01	-1.88E-04	5.43E-05	-1.12E-03	0.00E+00	0.00E+00	-3.29E-10	-1.92E-08	3.18E-04	-3.24E-01	0.00E+00	0.00E+00	-2.74E-01	0.00E+00	-2.74E-02	0.00E+00	6.48E-10	-2.84E-09	-2.75E-04	-2.12E-10	-4.34E-02	0.00E+00	-2.74E-02	-6.44E-06	-2.74E-02	-1.43E-01	-4.34E-02	0.00E+00	0.00E+00	0.00E+00	-9.97E+00
WH27585309C	-2.67E-03	4.96E-03	2.72E-04	6.89E-03	0.00E+00	0.00E+00	-4.36E-01	-1.88E-04	5.43E-05	-1.12E-03	0.00E+00	0.00E+00	-3.29E-10	-1.92E-08	3.18E-04	-3.24E-01	0.00E+00	0.00E+00	-2.74E-01	0.00E+00	-2.74E-02	0.00E+00	6.48E-10	-2.84E-09	-2.75E-04	-2.12E-10	-4.34E-02	0.00E+00	-2.74E-02	-6.44E-06	-2.74E-02	-1.43E-01	-4.34E-02	0.00E+00	0.00E+00	0.00E+00	-9.97E+00
WH27585400C	-2.97E-03	-4.70E-02	-3.52E-07	-3.53E-02	0.00E+00	0.00E+00	-4.72E-01	-1.99E-04	4.45E-05	-9.69E-04	0.00E+00	0.00E+00	-5.44E-10	-2.02E-08	-5.32E-04	-3.73E-01	0.00E+00	0.00E+00	-3.56E-01	0.00E+00	-4.68E-01	0.00E+00	-2.29E-09	-6.05E-09	-2.74E-04	-2.12E-10	-7.44E-02	0.00E+00	-4.68E-01	-7.35E-06	-4.68E-01	-5.14E-01	-7.44E-02	0.00E+00	0.00E+00	0.00E+00	-1.52E+01
WH27585405C	-3.03E-03	-4.53E-02	4.56E-05	-3.30E-02	0.00E+00	0.00E+00	-4.73E-01	-2.06E-04	4.85E-05	-1.04E-03	0.00E+00	0.00E+00	-5.22E-10	-2.02E-08	-5.26E-04	-3.59E-01	0.00E+00	0.00E+00	-3.73E-01	0.00E+00	-4.52E-01	0.00E+00	-2.13E-09	-5.83E-09	-2.97E-04	-2.12E-10	-7.89E-02	0.00E+00	-4.52E-01	-7.53E-06	-4.52E-01	-5.05E-01	-7.89E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
WH27588306C	2.54E-04	3.98E-02	1.30E-03	3.85E-02	0.00E+00	0.00E+00	2.60E-01	-9.90E-06	2.02E-04	3.23E-04	0.00E+00	0.00E+00	3.74E-11	1.11E-09	1.65E-03	-1.15E-01	0.00E+00	0.00E+00	2.06E-01	0.00E+00	3.69E-01	0.00E+00	3.00E-09	1.30E-09	9.30E-05	0.00E+00	1.06E-02	0.00E+00	3.69E-01	-3.05E-07	3.69E-01	3.80E-01	1.06E-02	0.00E+00	0.00E+00	0.00E+00	7.31E+00
WH27592200C	-4.17E-03	-5.54E-02	-1.01E-04	-4.15E-02	0.00E+00	0.00E+00	-6.79E-01	-2.86E-04	-5.27E-05	-1.50E-03	0.00E+00	0.00E+00	-7.75E-10	-2.95E-08	-9.96E-04	-4.55E-01	0.00E+00	0.00E+00	-6.93E-01	0.00E+00	-4.84E-01	0.00E+00	-2.58E-09	-8.75E-09	-6.60E-04	-2.12E-10	-9.21E-02	0.00E+00	-4.84E-01	-1.14E-05	-4.84E-01	-5.47E-01	-9.21E-02	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
WH27592203C	-2.94E-03	-4.94E-02	2.30E-05	-3.57E-02	0.00E+00	0.00E+00	-4.48E-01	-2.22E-04	4.96E-05	-9.99E-04	0.00E+00	0.00E+00	-5.42E-10	-1.93E-08	-5.36E-04	-3.44E-01	0.00E+00	0.00E+00	-3.34E-01	0.00E+00	-4.79E-01	0.00E+00	-2.19E-09	-6.31E-09	-2.85E-04	-2.12E-10	-7.35E-02	0.00E+00	-4.79E-01	-7.76E-06	-4.79E-01	-5.26E-01	-7.35E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH27592204C	-2.94E-03	-4.95E-02	3.21E-05	-3.57E-02	0.00E+00	0.00E+00	-4.48E-01	-2.22E-04	4.90E-05	-9.89E-04	0.00E+00	0.00E+00	-5.45E-10	-1.92E-08	-5.36E-04	-3.44E-01	0.00E+00	0.00E+00	-3.34E-01	0.00E+00	-4.79E-01	0.00E+00	-2.19E-09	-6.32E-09	-2.85E-04	-2.12E-10	-7.26E-02	0.00E+00	-4.79E-01	-7.76E-06	-4.79E-01	-5.26E-01	-7.26E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH27592205C	-2.94E-03	-4.94E-02	2.30E-05	-3.57E-02	0.00E+00	0.00E+00	-4.48E-01	-2.22E-04	4.96E-05	-9.99E-04	0.00E+00	0.00E+00	-5.42E-10	-1.93E-08	-5.36E-04	-3.44E-01	0.00E+00	0.00E+00	-3.34E-01	0.00E+00	-4.79E-01	0.00E+00	-2.19E-09	-6.31E-09	-2.85E-04	-2.12E-10	-7.35E-02	0.00E+00	-4.79E-01	-7.76E-06	-4.79E-01	-5.26E-01	-7.35E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH27592209C	-2.94E-03	-4.94E-02	2.30E-05	-3.57E-02	0.00E+00	0.00E+00	-4.48E-01	-2.22E-04	4.96E-05	-9.99E-04	0.00E+00	0.00E+00	-5.42E-10	-1.93E-08	-5.36E-04	-3.44E-01	0.00E+00	0.00E+00	-3.34E-01	0.00E+00	-4.79E-01	0.00E+00	-2.19E-09	-6.31E-09	-2.85E-04	-2.12E-10	-7.35E-02	0.00E+00	-4.79E-01	-7.76E-06	-4.79E-01	-5.26E-01	-7.35E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH27593200C	-4.18E-03	-2.01E-01	7.53E-04	-5.18E-02	0.00E+00	0.00E+00	-9.13E-01	-5.99E-04	9.12E-08	-1.90E-03	0.00E+00	0.00E+00	-6.17E-10	-6.05E-08	1.90E-03	-4.79E+00	0.00E+00	0.00E+00	-5.26E-01	0.00E+00	1.69E+00	0.00E+00	2.03E-09	-1.11E-08	-8.12E-04	-2.12E-10	-6.78E-01	0.00E+00	1.69E+00	-1.35E-05	1.69E+00	4.37E-01	-6.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
WH27593203C	-4.18E-03	-2.01E-01	7.53E-04	-5.18E-02	0.00E+00	0.00E+00	-9.13E-01	-5.99E-04	9.12E-08	-1.90E-03	0.00E+00	0.00E+00	-6.17E-10	-6.05E-08	1.90E-03	-4.79E+00	0.00E+00	0.00E+00	-5.26E-01	0.00E+00	1.69E+00	0.00E+00	2.03E-09	-1.11E-08	-8.12E-04	-2.12E-10	-6.78E-01	0.00E+00	1.69E+00	-1.35E-05	1.69E+00	4.37E-01	-6.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
WH27593204C	-4.18E-03	-2.01E-01	7.60E-04	-5.18E-02	0.00E+00	0.00E+00	-9.13E-01	-5.83E-04	4.60E-06	-1.90E-03	0.00E+00	0.00E+00	-6.17E-10	-6.05E-08	1.93E-03	-4.79E+00	0.00E+00	0.00E+00	-5.26E-01	0.00E+00	1.69E+00	0.00E+00	2.03E-09	-1.11E-08	-8.09E-04	-2.12E-10	-6.78E-01	0.00E+00	1.69E+00	-1.35E-05	1.69E+00	4.37E-01	-6.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
WH27593205C	-4.18E-03	-2.01E-01	7.53E-04	-5.18E-02	0.00E+00	0.00E+00	-9.13E-01	-5.99E-04	9.12E-08	-1.90E-03	0.00E+00	0.00E+00	-6.17E-10	-6.05E-08	1.90E-03	-4.79E+00	0.00E+00	0.00E+00	-5.26E-01	0.00E+00	1.69E+00	0.00E+00	2.03E-09	-1.11E-08	-8.12E-04	-2.12E-10	-6.78E-01	0.00E+00	1.69E+00	-1.35E-05	1.69E+00	4.37E-01	-6.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
WH27593206C	4.78E-04	4.39E-02	1.42E-03	4.24E-02	0.00E+00	0.00E+00	1.58E-01	-1.74E-05	4.42E-04	3.04E-04	0.00E+00	0.00E+00	-1.68E-10	2.73E-09	1.22E-03	-7.41E-02	0.00E+00	0.00E+00	7.92E-02	0.00E+00	1.43E-01	0.00E+00	2.32E-09	-1.20E-10	4.39E-05	0.00E+00	5.82E-03	0.00E+00	1.43E-01	-7.48E-07	1.43E-01	1.49E-01	5.82E-03	0.00E+00	0.00E+00	0.00E+00	2.13E+00
WH27595200C	-3.93E-03	-5.54E-02	-1.19E-04	-4.01E-02	0.00E+00	0.00E+00	-6.30E-01	-2.86E-04	-3.11E-05	-1.41E-03	0.00E+00	0.00E+00	-7.74E-10	-2.81E-08	-9.48E-04	-4.00E-01	0.00E+00	0.00E+00	-6.43E-01	0.00E+00	-5.06E-01	0.00E+00	-2.25E-09	-8.54E-09	-5.78E-04	-2.12E-10	-8.90E-02	0.00E+00	-5.06E-01	-1.10E-05	-5.06E-01	-5.63E-01	-8.90E-02	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
WH27595203C	-3.06E-03	-4.80E-02	4.87E-05	-3.44E-02	0.00E+00	0.00E+00	-4.53E-01	-2.31E-04	5.63E-05	-1.03E-03	0.00E+00	0.00E+00	-5.31E-10	-1.95E-08	-5.35E-04	-3.40E-01	0.00E+00	0.00E+00	-3.44E-01	0.00E+00	-4.75E-01	0.00E+00	-2.04E-09	-6.25E-09	-2.85E-04	-2.12E-10	-7.67E-02	0.00E+00	-4.75E-01	-7.91E-06	-4.75E-01	-5.26E-01	-7.67E-02	0.00E+00	0.00E+00	0.00E+00	-1.48E+01
WH27595204C	-3.06E-03	-4.80E-02	4.87E-05	-3.44E-02	0.00E+00	0.00E+00	-4.53E-01	-2.31E-04	5.63E-05	-1.03E-03	0.00E+00	0.00E+00	-5.31E-10	-1.95E-08	-5.35E-04	-3.40E-01	0.00E+00	0.00E+00	-3.44E-01	0.00E+00	-4.75E-01	0.00E+00	-2.04E-09	-6.25E-09	-2.85E-04	-2.12E-10	-7.67E-02	0.00E+00	-4.75E-01	-7.91E-06	-4.75E-01	-5.26E-01	-7.67E-02	0.00E+00	0.00E+00	0.00E+00	-1.48E+01
WH27595205C	-3.06E-03	-4.80E-02	4.87E-05	-3.44E-02	0.00E+00	0.00E+00	-4.53E-01	-2.31E-04	5.63E-05	-1.03E-03	0.00E+00	0.00E+00	-5.31E-10	-1.95E-08	-5.35E-04	-3.40E-01	0.00E+00	0.00E+00	-3.44E-01	0.00E+00	-4.75E-01	0.00E+00	-2.04E-09	-6.25E-09	-2.85E-04	-2.12E-10	-7.67E-02	0.00E+00	-4.75E-01	-7.91E-06	-4.75E-01	-5.26E-01	-7.67E-02	0.00E+00	0.00E+00	0.00E+00	-1.48E+01
WH27595207C	-3.06E-03	-4.80E-02	4.87E-05	-3.44E-02	0.00E+00	0.00E+00	-4.53E-01	-2.31E-04	5.63E-05	-1.03E-03	0.00E+00	0.00E+00	-5.31E-10	-1.95E-08	-5.35E-04	-3.40E-01	0.00E+00	0.00E+00	-3.44E-01	0.00E+00	-4.75E-01	0.00E+00	-2.04E-09	-6.25E-09	-2.85E-04	-2.12E-10	-7.67E-02	0.00E+00	-4.75E-01	-7.91E-06	-4.75E-01	-5.26E-01	-7.67E-02	0.00E+00	0.00E+00	0.00E+00	-1.48E+01
WH27596203C	-4.21E-03	-2.04E-01	7.32E-04	-7.63E-02	0.00E+00	0.00E+00	-9.06E-01	-6.04E-04	1.56E-05	-1.93E-03	0.00E+00	0.00E+00	-6.26E-10	-6.09E-08	1.70E-03	-4.76E+00	0.00E+00	0.00E+00	-5.06E-01	0.00E+00	1.48E+00	0.00E+00	2.07E-09	-1.14E-08	-7.78E-04	-2.12E-10	-7.83E-01	0.00E+00	1.48E+00	-1.32E-05	1.48E+00	1.04E-01	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH27596204C	-4.21E-03	-2.04E-01	7.32E-04	-7.63E-02	0.00E+00	0.00E+00	-9.06E-01	-6.04E-04	1.56E-05	-1.93E-03	0.00E+00	0.00E+00	-6.26E-10	-6.09E-08	1.70E-03	-4.76E+00	0.00E+00	0.00E+00	-5.06E-01	0.00E+00	1.48E+00	0.00E+00	2.07E-09	-1.14E-08	-7.78E-04	-2.12E-10	-7.83E-01	0.00E+00	1.48E+00	-1.32E-05	1.48E+00	1.04E-01	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH27596205C	-4.21E-03	-2.04E-01	7.32E-04	-7.63E-02	0.00E+00	0.00E+00	-9.06E-01	-6.04E-04	1.56E-05	-1.93E-03	0.00E+00	0.00E+00	-6.26E-10	-6.09E-08	1.70E-03	-4.76E+00	0.00E+00	0.00E+00	-5.06E-01	0.00E+00	1.48E+00	0.00E+00	2.07E-09	-1.14E-08	-7.78E-04	-2.12E-10	-7.83E-01	0.00E+00	1.48E+00	-1.32E-05	1.48E+00	1.04E-01	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH27596206C	4.78E-04	4.40E-02	1.43E-03	4.26E-02	0.00E+00	0.00E+00	1.58E-01	-1.74E-05	4.42E-04	3.04E-04	0.00E+00	0.00E+00	-1.68E-10	2.73E-09	1.23E-03	-6.86E-02	0.00E+00	0.00E+00	7.95E-02	0.00E+00	1.44E-01	0.00E+00	2.33E-09	-1.14E-10	4.41E-05	0.00E+00	6.65E-03	0.00E+00	1.44E-01	-7.48E-07	1.44E-01	1.51E-01	6.65E-03	0.00E+00	0.00E+00	0.00E+00	2.14E+00
WH27620300C	-6.70E-03	8.29E-03	-5.47E-04	8.83E-03	0.00E+00	0.00E+00	-1.49E+00	-6.84E-04	-2.53E-04	-3.36E-03	0.00E+00	0.00E+00	-8.09E-10	-7.94E-08	-1.88E-05	-6.21E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	-2.38E-01	0.00E+00	-2.04E-10	-1.15E-08	-9.79E-04	0.00E+00	-1.20E-01	0.00E+00	-2.38E-01	-1.97E-05	-2.38E-01	-3.58E-01	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-5.12E+01
WH27620303C	-3.00E-03	3.14E-03	2.53E-04	4.27E-03	0.00E+00	0.00E+00	-4.90E-01	-1.83E-04	7.54E-05	-1.35E-03	0.00E+00	0.00E+00	-3.31E-10	-1.87E-08	3.84E-04	-3.95E-01	0.00E+00	0.00E+00	-2.25E-01	0.00E+00	-3.18E-02	0.00E+00	5.70E-10	-4.60E-09	-3.39E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.30E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.53E+01
WH27620304C	-3.00E-03	3.14E-03	2.53E-04	4.27E-03	0.00E+00	0.00E+00	-4.90E-01	-1.83E-04	7.54E-05	-1.35E-03	0.00E+00	0.00E+00	-3.31E-10	-1.87E-08	3.84E-04	-3.95E-01	0.00E+00	0.00E+00	-2.25E-01	0.00E+00	-3.18E-02	0.00E+00	5.70E-10	-4.60E-09	-3.39E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.30E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.53E+01
WH27620305C	-3.00E-03	3.14E-03	2.53E-04	4.27E-03	0.00E+00	0.00E+00	-4.90E-01	-1.83E-04	7.54E-05	-1.35E-03	0.00E+00	0.00E+00	-3.31E-10	-1.87E-08	3.84E-04	-3.95E-01	0.00E+00	0.00E+00	-2.25E-01	0.00E+00	-3.18E-02	0.00E+00	5.70E-10	-4.60E-09	-3.39E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.30E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.53E+01
WH27620306C	5.41E-04	1.87E-02	1.55E-03	1.72E-02	0.00E+00	0.00E+00	2.57E-01	-9.92E-06	4.49E-04	1.64E-04	0.00E+00	0.00E+00	3.92E-11	3.67E-09	1.28E-03	-2.70E-02	0.00E+00	0.00E+00	2.37E-01	0.00E+00	3.03E-01	0.00E+00	2.38E-09	1.30E-09	7.44E-05	0.00E+00	2.41E-02	0.00E+00	3.03E-01	-3.50E-07	3.03E-01	3.28E-01	2.41E-02	0.00E+00	0.00E+00	0.00E+00	8.81E+00
WH27620307C	-3.00E-03	3.14E-03	2.53E-04	4.27E-03	0.00E+00	0.00E+00	-4.90E-01	-1.83E-04	7.54E-05	-1.35E-03	0.00E+00	0.00E+00	-3.31E-10	-1.87E-08	3.84E-04	-3.95E-01	0.00E+00	0.00E+00	-2.25E-01	0.00E+00	-3.18E-02	0.00E+00	5.70E-10	-4.60E-09	-3.39E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.30E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.53E+01
WH27620309C	-3.00E-03	3.14E-03	2.53E-04	4.27E-03	0.00E+00	0.00E+00	-4.90E-01	-1.83E-04	7.54E-05	-1.35E-03	0.00E+00	0.00E+00	-3.31E-10	-1.87E-08	3.84E-04	-3.95E-01	0.00E+00	0.00E+00	-2.25E-01	0.00E+00	-3.18E-02	0.00E+00	5.70E-10	-4.60E-09	-3.39E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.30E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.53E+01
WH27620700C	-7.34E-03	2.71E-03	-6.72E-04	3.38E-03	0.00E+00	0.00E+00	-1.64E+00	-7.47E-04	-2.81E-04	-3.73E-03	0.00E+00	0.00E+00	-8.87E-10	-8.68E-08	-1.44E-04	-7.09E-01	0.00E+00	0.00E+00	-1.29E+00	0.00E+00	-2.89E-01	0.00E+00	-4.75E-10	-1.27E-08	-1.08E-03	0.00E+00	-1.37E-01	0.00E+00	-2.89E-01	-2.15E-05	-2.89E-01	-4.26E-01	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	-5.63E+01
WH27620703C	-3.11E-03	3.05E-03	2.43E-04	3.88E-03	0.00E+00	0.00E+00	-4.98E-01	-2.22E-04	2.80E-06	-1.44E-03	0.00E+00	0.00E+00	-3.62E-10	-2.10E-08	1.98E-04	-3.95E-01	0.00E+00	0.00E+00	-2.70E-01	0.00E+00	-3.18E-02	0.00E+00	5.39E-10	-4.80E-09	-3.48E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.91E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
WH27620704C	-3.11E-03	3.05E-03	2.43E-04	3.88E-03	0.00E+00	0.00E+00	-4.98E-01	-2.22E-04	2.80E-06	-1.44E-03	0.00E+00	0.00E+00	-3.62E-10	-2.10E-08	1.98E-04	-3.95E-01	0.00E+00	0.00E+00	-2.70E-01	0.00E+00	-3.18E-02	0.00E+00	5.39E-10	-4.80E-09	-3.48E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.91E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
WH27620705C	-3.11E-03	3.05E-03	2.43E-04	3.88E-03	0.00E+00	0.00E+00	-4.98E-01	-2.22E-04	2.80E-06	-1.44E-03	0.00E+00	0.00E+00	-3.62E-10	-2.10E-08	1.98E-04	-3.95E-01	0.00E+00	0.00E+00	-2.70E-01	0.00E+00	-3.18E-02	0.00E+00	5.39E-10	-4.80E-09	-3.48E-04	-2.12E-10	-5.69E-02	0.00E+00	-3.18E-02	-8.91E-06	-3.18E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
WH27623300C	-3.83E-03	-2.79E-03	2.66E-04	-7.04E-03	0.00E+00	0.00E+00	-7.51E-01	-2.74E-04	1.16E-04	-2.05E-03	0.00E+00	0.00E+00	-5.33E-10	-2.83E-08	6.12E-04	-4.68E-01	0.00E+00	0.00E+00	-6.38E-01	0.00E+00	-4.14E-02	0.00E+00	4.68E-10	-7.37E-09	-4.52E-04	-2.12E-10	-6.45E-02	0.00E+00	-4.14E-02	-1.07E-05	-4.14E-02	-1.69E-01	-6.45E-02	0.00E+00	0.00E+00	0.00E+00	-3.17E+01
WH27623303C	-3.71E-03	-1.16E-03	2.53E-04	1.03E-04	0.00E+00	0.00E+00	-7.37E-01	-2.73E-04	1.13E-04	-2.13E-03	0.00E+00	0.00E+00	-5.20E-10	-2.88E-08	3.09E-04	-4.45E-01	0.00E+00	0.00E+00	-6.58E-01	0.00E+00	-5.39E-02	0.00E+00	6.87E-10	-7.49E-09	-4.66E-04	-2.12E-10	-6.49E-02	0.00E+00	-5.39E-02	-1.12E-05	-5.39E-02	-1.62E-01	-6.49E-02	0.00E+00	0.00E+00	0.00E+00	-3.07E+01
WH27623305C	-3.71E-03	-1.16E-03	2.53E-04	1.03E-04	0.00E+00	0.00E+00	-7.37E-01	-2.73E-04	1.13E-04	-2.13E-03	0.00E+00	0.00E+00	-5.20E-10	-2.88E-08	3.09E-04	-4.45E-01	0.00E+00	0.00E+00	-6.58E-01	0.00E+00	-5.39E-02	0.00E+00	6.87E-10	-7.49E-09	-4.66E-04	-2.12E-10	-6.49E-02	0.00E+00	-5.39E-02	-1.12E-05	-5.39E-02	-1.62E-01	-6.49E-02	0.00E+00	0.00E+00	0.00E+00	-3.07E+01
WH27623306C	-6.78E-03	-3.76E-02	-8.24E-04	-3.68E-02	0.00E+00	0.00E+00	-1.51E+00	-6.84E-04	-2.83E-04	-3.72E-03	0.00E+00	0.00E+00	-8.16E-10	-7.95E-08	-4.46E-04	-6.82E-01	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	-3.35E-01	0.00E+00	-1.29E-09	-1.20E-08	-1.06E-03	0.00E+00	-1.32E-01	0.00E+00	-3.35E-01	-1.97E-05	-3.35E-01	-4.67E-01	-1.32E-01	0.00E+00	0.00E+00	0.00E+00	-5.17E+01
WH27625300C	4.02E-04	-8.20E-03	1.14E-03	-9.35E-03	0.00E+00	0.00E+00	1.39E-01	-1.75E-05	4.26E-04	-1.10E-04	0.00E+00	0.00E+00	-1.77E-10	2.84E-09	7.01E-04	-7.45E-02	0.00E+00	0.00E+00	5.94E-02	0.00E+00	1.64E-02	0.00E+00	9.67E-10	-7.89E-10	-4.87E-05	0.00E+00	2.10E-03	0.00E+00	1.64E-02	-7.68E-07	1.64E-02	1.85E-02	2.10E-03	0.00E+00	0.00E+00	0.00E+00	1.60E+00
WH27625303C	-3.14E-03	2.51E-03	2.60E-04	4.43E-03	0.00E+00	0.00E+00	-5.06E-01	-1.91E-04	7.18E-05	-1.44E-03	0.00E+00	0.00E+00	-3.26E-10	-1.90E-08	3.46E-04	-3.92E-01	0.00E+00	0.00E+00	-2.34E-01	0.00E+00	-2.74E-02	0.00E+00	5.46E-10	-4.68E-09	-3.51E-04	-2.12E-10	-5.69E-02	0.00E+00	-2.74E-02	-8.60E-06	-2.74E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.52E+01
WH27625304C	-3.14E-03	2.51E-03	2.60E-04	4.43E-03	0.00E+00	0.00E+00	-5.06E-01	-1.91E-04	7.18E-05	-1.44E-03	0.00E+00	0.00E+00	-3.26E-10	-1.90E-08	3.46E-04	-3.92E-01	0.00E+00	0.00E+00	-2.34E-01	0.00E+00	-2.74E-02	0.00E+00	5.46E-10	-4.68E-09	-3.51E-04	-2.12E-10	-5.69E-02	0.00E+00	-2.74E-02	-8.60E-06	-2.74E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.52E+01
WH27625305C	-3.14E-03	2.51E-03	2.60E-04	4.43E-03	0.00E+00	0.00E+00	-5.06E-01	-1.91E-04	7.18E-05	-1.44E-03	0.00E+00	0.00E+00	-3.26E-10	-1.90E-08	3.46E-04	-3.92E-01	0.00E+00	0.00E+00	-2.34E-01	0.00E+00	-2.74E-02	0.00E+00	5.46E-10	-4.68E-09	-3.51E-04	-2.12E-10	-5.69E-02	0.00E+00	-2.74E-02	-8.60E-06	-2.74E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.52E+01
WH27625306C	-6.80E-03	-4.20E-02	-8.75E-04	-4.11E-02	0.00E+00	0.00E+00	-1.51E+00	-6.84E-04	-2.86E-04	-3.76E-03	0.00E+00	0.00E+00	-8.17E-10	-7.95E-08	-5.82E-04	-7.76E-01	0.00E+00	0.00E+00	-1.20E+00	0.00E+00	-3.77E-01	0.00E+00	-1.62E-09	-1.23E-08	-1.07E-03	0.00E+00	-1.47E-01	0.00E+00	-3.77E-01	-1.97E-05	-3.77E-01	-5.24E-01	-1.47E-01	0.00E+00	0.00E+00	0.00E+00	-5.21E+01
WH27625307C	-3.14E-03	2.51E-03	2.60E-04	4.43E-03	0.00E+00	0.00E+00	-5.06E-01	-1.91E-04	7.18E-05	-1.44E-03	0.00E+00	0.00E+00	-3.26E-10	-1.90E-08	3.46E-04	-3.92E-01	0.00E+00	0.00E+00	-2.34E-01	0.00E+00	-2.74E-02	0.00E+00	5.46E-10	-4.68E-09	-3.51E-04	-2.12E-10	-5.69E-02	0.00E+00	-2.74E-02	-8.60E-06	-2.74E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.52E+01
WH27625309C	-3.14E-03	2.51E-03	2.60E-04	4.43E-03	0.00E+00	0.00E+00	-5.06E-01	-1.91E-04	7.18E-05	-1.44E-03	0.00E+00	0.00E+00	-3.26E-10	-1.90E-08	3.46E-04	-3.92E-01	0.00E+00	0.00E+00	-2.34E-01	0.00E+00	-2.74E-02	0.00E+00	5.46E-10	-4.68E-09	-3.51E-04	-2.12E-10	-5.69E-02	0.00E+00	-2.74E-02	-8.60E-06	-2.74E-02	-1.45E-01	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.52E+01
WH27625700C	-3.58E-03	1.31E-03	2.98E-04	-5.11E-04	0.00E+00	0.00E+00	-6.64E-01	-2.24E-04	2.27E-05	-1.59E-03	0.00E+00	0.00E+00	-5.19E-10	-2.08E-08	5.26E-04	-4.33E-01	0.00E+00	0.00E+00	-5.03E-01	0.00E+00	-4.99E-02	0.00E+00	6.79E-10	-6.93E-09	-4.78E-04	-2.12E-10	-6.39E-02	0.00E+00	-4.99E-02	-9.87E-06	-4.99E-02	-1.65E-01	-6.39E-02	0.00E+00	0.00E+00	0.00E+00	-2.88E+01
WH27625704C	-3.78E-03	-9.63E-04	2.19E-04	7.06E-05	0.00E+00	0.00E+00	-6.98E-01	-2.48E-04	-3.69E-06	-1.72E-03	0.00E+00	0.00E+00	-5.29E-10	-2.18E-08	2.58E-04	-4.33E-01	0.00E+00	0.00E+00	-5.21E-01	0.00E+00	-4.55E-02	0.00E+00	6.43E-10	-7.21E-09	-4.98E-04	-2.12E-10	-6.54E-02	0.00E+00	-4.55E-02	-1.09E-05	-4.55E-02	-1.62E-01	-6.54E-02	0.00E+00	0.00E+00	0.00E+00	-3.03E+01
WH27625705C	-3.78E-03	-9.63E-04	2.19E-04	7.06E-05	0.00E+00	0.00E+00	-6.98E-01	-2.48E-04	-3.69E-06	-1.72E-03	0.00E+00	0.00E+00	-5.29E-10	-2.18E-08	2.58E-04	-4.33E-01	0.00E+00	0.00E+00	-5.21E-01	0.00E+00	-4.55E-02	0.00E+00	6.43E-10	-7.21E-09	-4.98E-04	-2.12E-10	-6.54E-02	0.00E+00	-4.55E-02	-1.09E-05	-4.55E-02	-1.62E-01	-6.54E-02	0.00E+00	0.00E+00	0.00E+00	-3.03E+01
WH27628306C	5.26E-04	-5.38E-03	1.22E-03	-6.60E-03	0.00E+00	0.00E+00	1.73E-01	-7.06E-06	4.39E-04	-2.86E-05	0.00E+00	0.00E+00	-1.62E-10	4.16E-09	8.26E-04	-5.65E-02	0.00E+00	0.00E+00	9.02E-02	0.00E+00	5.53E-02	0.00E+00	1.26E-09	-4.66E-10	-2.47E-05	0.00E+00	6.73E-03	0.00E+00	5.53E-02	-3.79E-07	5.53E-02	6.21E-02	6.73E-03	0.00E+00	0.00E+00	0.00E+00	2.85E+00
WH27640300C	-9.73E-03	-3.94E-02	-1.92E-03	-3.75E-02	0.00E+00	0.00E+00	-2.42E+00	-9.76E-04	-4.11E-04	-5.26E-03	0.00E+00	0.00E+00	-1.42E-09	-1.14E-07	-1.75E-03	-9.35E-01	0.00E+00	0.00E+00	-1.98E+00	0.00E+00	-8.80E-01	0.00E+00	-3.62E-09	-1.94E-08	-1.57E-03	0.00E+00	-2.11E-01	0.00E+00	-8.80E-01	-2.84E-05	-8.80E-01	-1.09E+00	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-8.50E+01
WH27640303C	-3.56E-03	5.65E-04	2.83E-04	6.21E-03	0.00E+00	0.00E+00	-6.99E-01	-3.39E-04	9.09E-05	-1.62E-03	0.00E+00	0.00E+00	-4.42E-10	-3.51E-08	6.04E-04	-3.97E-01	0.00E+00	0.00E+00	-5.04E-01	0.00E+00	-4.01E-02	0.00E+00	4.92E-10	-6.01E-09	-3.73E-04	-2.12E-10	-5.28E-02	0.00E+00	-4.01E-02	-1.09E-05	-4.01E-02	-1.17E-01	-5.28E-02	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
WH27640304C	-3.56E-03	5.65E-04	2.83E-04	6.21E-03	0.00E+00	0.00E+00	-6.99E-01	-3.39E-04	9.09E-05	-1.62E-03	0.00E+00	0.00E+00	-4.42E-10	-3.51E-08	6.04E-04	-3.97E-01	0.00E+00	0.00E+00	-5.04E-01	0.00E+00	-4.01E-02	0.00E+00	4.92E-10	-6.01E-09	-3.73E-04	-2.12E-10	-5.28E-02	0.00E+00	-4.01E-02	-1.09E-05	-4.01E-02	-1.17E-01	-5.28E-02	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
WH27640305C	1.07E-03	9.64E-02	3.01E-03	9.34E-02	0.00E+00	0.00E+00	5.49E-01	9.55E-07	6.88E-04	8.64E-04	0.00E+00	0.00E+00	1.03E-10	7.30E-09	3.12E-03	2.00E-01	0.00E+00	0.00E+00	4.75E-01	0.00E+00	7.29E-01	0.00E+00	6.04E-09	3.44E-09	2.58E-04	0.00E+00	8.53E-02	0.00E+00	7.29E-01	8.62E-08	7.29E-01	8.15E-01	8.53E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
WH27640306C	9.43E-04	3.24E-02	2.59E-03	2.99E-02	0.00E+00	0.00E+00	5.10E-01	9.27E-07	6.47E-04	3.70E-04	0.00E+00	0.00E+00	9.22E-11	7.18E-09	2.38E-03	-6.67E-02	0.00E+00	0.00E+00	4.34E-01	0.00E+00	5.45E-01	0.00E+00	4.19E-09	2.42E-09	1.44E-04	0.00E+00	4.02E-02	0.00E+00	5.45E-01	5.52E-08	5.45E-01	5.85E-01	4.02E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
WH27640307C	-3.56E-03	5.65E-04	2.83E-04	6.21E-03	0.00E+00	0.00E+00	-6.99E-01	-3.39E-04	9.09E-05	-1.62E-03	0.00E+00	0.00E+00	-4.42E-10	-3.51E-08	6.04E-04	-3.97E-01	0.00E+00	0.00E+00	-5.04E-01	0.00E+00	-4.01E-02	0.00E+00	4.92E-10	-6.01E-09	-3.73E-04	-2.12E-10	-5.28E-02	0.00E+00	-4.01E-02	-1.09E-05	-4.01E-02	-1.17E-01	-5.28E-02	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
WH27640309C	-3.56E-03	5.65E-04	2.83E-04	6.21E-03	0.00E+00	0.00E+00	-6.99E-01	-3.39E-04	9.09E-05	-1.62E-03	0.00E+00	0.00E+00	-4.42E-10	-3.51E-08	6.04E-04	-3.97E-01	0.00E+00	0.00E+00	-5.04E-01	0.00E+00	-4.01E-02	0.00E+00	4.92E-10	-6.01E-09	-3.73E-04	-2.12E-10	-5.28E-02	0.00E+00	-4.01E-02	-1.09E-05	-4.01E-02	-1.17E-01	-5.28E-02	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
WH27640700C	-1.03E-02	-6.70E-02	-1.55E-03	-6.54E-02	0.00E+00	0.00E+00	-2.35E+00	-1.03E-03	-4.45E-04	-5.70E-03	0.00E+00	0.00E+00	-1.24E-09	-1.20E-07	-1.22E-03	-1.12E+00	0.00E+00	0.00E+00	-1.85E+00	0.00E+00	-6.39E-01	0.00E+00	-2.98E-09	-1.87E-08	-1.62E-03	0.00E+00	-2.20E-01	0.00E+00	-6.39E-01	-2.97E-05	-6.39E-01	-8.59E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-8.00E+01
WH27640703C	-3.75E-03	1.51E-03	2.72E-04	5.97E-03	0.00E+00	0.00E+00	-7.04E-01	-3.12E-04	5.87E-05	-1.69E-03	0.00E+00	0.00E+00	-5.00E-10	-3.70E-08	6.55E-04	-3.99E-01	0.00E+00	0.00E+00	-4.18E-01	0.00E+00	-3.89E-02	0.00E+00	6.35E-10	-6.17E-09	-3.50E-04	-2.12E-10	-5.52E-02	0.00E+00	-3.89E-02	-1.20E-05	-3.89E-02	-1.26E-01	-5.52E-02	0.00E+00	0.00E+00	0.00E+00	-1.93E+01
WH27640704C	-3.75E-03	1.51E-03	2.72E-04	5.97E-03	0.00E+00	0.00E+00	-7.04E-01	-3.12E-04	5.87E-05	-1.69E-03	0.00E+00	0.00E+00	-5.00E-10	-3.70E-08	6.55E-04	-3.99E-01	0.00E+00	0.00E+00	-4.18E-01	0.00E+00	-3.89E-02	0.00E+00	6.35E-10	-6.17E-09	-3.50E-04	-2.12E-10	-5.52E-02	0.00E+00	-3.89E-02	-1.20E-05	-3.89E-02	-1.26E-01	-5.52E-02	0.00E+00	0.00E+00	0.00E+00	-1.93E+01
WH27640705C	-1.00E-02	-5.53E-03	-1.11E-03	-4.42E-03	0.00E+00	0.00E+00	-2.28E+00	-1.02E-03	-3.93E-04	-5.16E-03	0.00E+00	0.00E+00	-1.22E-09	-1.18E-07	-5.05E-04	-9.35E-01	0.00E+00	0.00E+00	-1.79E+00	0.00E+00	-4.60E-01	0.00E+00	-1.20E-09	-1.75E-08	-1.49E-03	0.00E+00	-1.87E-01	0.00E+00	-4.60E-01	-2.93E-05	-4.60E-01	-6.46E-01	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-7.79E+01
WH27640707C	-3.75E-03	1.51E-03	2.72E-04	5.97E-03	0.00E+00	0.00E+00	-7.04E-01	-3.12E-04	5.87E-05	-1.69E-03	0.00E+00	0.00E+00	-5.00E-10	-3.70E-08	6.55E-04	-3.99E-01	0.00E+00	0.00E+00	-4.18E-01	0.00E+00	-3.89E-02	0.00E+00	6.35E-10	-6.17E-09	-3.50E-04	-2.12E-10	-5.52E-02	0.00E+00	-3.89E-02	-1.20E-05	-3.89E-02	-1.26E-01	-5.52E-02	0.00E+00	0.00E+00	0.00E+00	-1.93E+01
WH27640709C	-3.75E-03	1.51E-03	2.72E-04	5.97E-03	0.00E+00	0.00E+00	-7.04E-01	-3.12E-04	5.87E-05	-1.69E-03	0.00E+00	0.00E+00	-5.00E-10	-3.70E-08	6.55E-04	-3.99E-01	0.00E+00	0.00E+00	-4.18E-01	0.00E+00	-3.89E-02	0.00E+00	6.35E-10	-6.17E-09	-3.50E-04	-2.12E-10	-5.52E-02	0.00E+00	-3.89E-02	-1.20E-05	-3.89E-02	-1.26E-01	-5.52E-02	0.00E+00	0.00E+00	0.00E+00	-1.93E+01
WH27643300C	-4.64E-03	-4.53E-03	2.05E-04	-1.23E-02	0.00E+00	0.00E+00	-7.92E-01	-3.72E-04	1.30E-04	-2.46E-03	0.00E+00	0.00E+00	-4.16E-10	-2.54E-08	1.16E-04	-5.13E-01	0.00E+00	0.00E+00	-7.64E-01	0.00E+00	-1.69E-02	0.00E+00	3.29E-10	-7.94E-09	-7.71E-04	-2.12E-10	-7.88E-02	0.00E+00	-1.69E-02	-1.79E-05	-1.69E-02	-1.20E-01	-7.88E-02	0.00E+00	0.00E+00	0.00E+00	-2.57E+01
WH27643304C	-4.54E-03	-2.33E-03	2.56E-04	-4.19E-03	0.00E+00	0.00E+00	-8.07E-01	-3.91E-04	1.30E-04	-2.50E-03	0.00E+00	0.00E+00	-3.87E-10	-2.41E-08	-1.03E-04	-4.95E-01	0.00E+00	0.00E+00	-7.51E-01	0.00E+00	-2.35E-02	0.00E+00	4.34E-10	-7.89E-09	-7.92E-04	-2.12E-10	-7.81E-02	0.00E+00	-2.35E-02	-1.87E-05	-2.35E-02	-1.16E-01	-7.81E-02	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
WH27643305C	-4.54E-03	-2.33E-03	2.56E-04	-4.19E-03	0.00E+00	0.00E+00	-8.07E-01	-3.91E-04	1.30E-04	-2.50E-03	0.00E+00	0.00E+00	-3.87E-10	-2.41E-08	-1.03E-04	-4.95E-01	0.00E+00	0.00E+00	-7.51E-01	0.00E+00	-2.35E-02	0.00E+00	4.34E-10	-7.89E-09	-7.92E-04	-2.12E-10	-7.81E-02	0.00E+00	-2.35E-02	-1.87E-05	-2.35E-02	-1.16E-01	-7.81E-02	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
WH27643306C	-9.53E-03	-5.97E-02	-1.36E-03	-5.83E-02	0.00E+00	0.00E+00	-2.17E+00	-9.57E-04	-4.04E-04	-5.27E-03	0.00E+00	0.00E+00	-1.15E-09	-1.11E-07	-9.93E-04	-1.03E+00	0.00E+00	0.00E+00	-1.70E+00	0.00E+00	-5.55E-01	0.00E+00	-2.47E-09	-1.72E-08	-1.50E-03	0.00E+00	-2.01E-01	0.00E+00	-5.55E-01	-2.76E-05	-5.55E-01	-7.56E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-7.38E+01
WH27645300C	8.34E-04	3.40E-02	2.56E-03	3.15E-02	0.00E+00	0.00E+00	4.84E-01	-9.49E-06	6.37E-04	3.23E-04	0.00E+00	0.00E+00	7.90E-11	5.88E-09	2.39E-03	8.66E-03	0.00E+00	0.00E+00	4.15E-01	0.00E+00	5.48E-01	0.00E+00	4.23E-09	2.29E-09	1.30E-04	0.00E+00	5.06E-02	0.00E+00	5.48E-01	-3.14E-07	5.48E-01	5.98E-01	5.06E-02	0.00E+00	0.00E+00	0.00E+00	1.53E+01
WH27645303C	-4.39E-03	-6.84E-03	6.47E-05	-4.20E-03	0.00E+00	0.00E+00	-8.12E-01	-3.89E-04	1.02E-04	-2.24E-03	0.00E+00	0.00E+00	-3.39E-10	-3.14E-08	1.03E-03	-4.25E-01	0.00E+00	0.00E+00	-7.40E-01	0.00E+00	-4.06E-02	0.00E+00	1.07E-09	-6.47E-09	-5.90E-04	-2.12E-10	-7.36E-02	0.00E+00	-4.06E-02	-1.50E-05	-4.06E-02	-1.37E-01	-7.36E-02	0.00E+00	0.00E+00	0.00E+00	-2.10E+01
WH27645304C	-4.39E-03	-6.84E-03	6.47E-05	-4.20E-03	0.00E+00	0.00E+00	-8.12E-01	-3.89E-04	1.02E-04	-2.24E-03	0.00E+00	0.00E+00	-3.39E-10	-3.14E-08	1.03E-03	-4.25E-01	0.00E+00	0.00E+00	-7.40E-01	0.00E+00	-4.06E-02	0.00E+00	1.07E-09	-6.47E-09	-5.90E-04	-2.12E-10	-7.36E-02	0.00E+00	-4.06E-02	-1.50E-05	-4.06E-02	-1.37E-01	-7.36E-02	0.00E+00	0.00E+00	0.00E+00	-2.10E+01
WH27645305C	-9.84E-03	-9.79E-02	-2.30E-03	-9.56E-02	0.00E+00	0.00E+00	-2.45E+00	-9.76E-04	-4.49E-04	-5.72E-03	0.00E+00	0.00E+00	-1.42E-09	-1.14E-07	-2.37E-03	-1.03E+00	0.00E+00	0.00E+00	-2.01E+00	0.00E+00	-1.03E+00	0.00E+00	-5.20E-09	-2.02E-08	-1.68E-03	0.00E+00	-2.31E-01	0.00E+00	-1.03E+00	-2.84E-05	-1.03E+00	-1.26E+00	-2.31E-01	0.00E+00	0.00E+00	0.00E+00	-8.59E+01
WH27645306C	7.56E-04	-3.05E-03	1.73E-03	-4.78E-03	0.00E+00	0.00E+00	2.55E-01	-7.68E-06	6.15E-04	2.83E-06	0.00E+00	0.00E+00	-1.66E-10	5.99E-09	1.13E-03	-5.48E-02	0.00E+00	0.00E+00	1.58E-01	0.00E+00	1.07E-01	0.00E+00	1.74E-09	-2.32E-10	-9.64E-06	0.00E+00	1.48E-02	0.00E+00	1.07E-01	-4.30E-07	1.07E-01	1.22E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	5.37E+00
WH27645307C	-4.39E-03	-6.84E-03	6.47E-05	-4.20E-03	0.00E+00	0.00E+00	-8.12E-01	-3.89E-04	1.02E-04	-2.24E-03	0.00E+00	0.00E+00	-3.39E-10	-3.14E-08	1.03E-03	-4.25E-01	0.00E+00	0.00E+00	-7.40E-01	0.00E+00	-4.06E-02	0.00E+00	1.07E-09	-6.47E-09	-5.90E-04	-2.12E-10	-7.36E-02	0.00E+00	-4.06E-02	-1.50E-05	-4.06E-02	-1.37E-01	-7.36E-02	0.00E+00	0.00E+00	0.00E+00	-2.10E+01
WH27645309C	-4.39E-03	-6.84E-03	6.47E-05	-4.20E-03	0.00E+00	0.00E+00	-8.12E-01	-3.89E-04	1.02E-04	-2.24E-03	0.00E+00	0.00E+00	-3.39E-10	-3.14E-08	1.03E-03	-4.25E-01	0.00E+00	0.00E+00	-7.40E-01	0.00E+00	-4.06E-02	0.00E+00	1.07E-09	-6.47E-09	-5.90E-04	-2.12E-10	-7.36E-02	0.00E+00	-4.06E-02	-1.50E-05	-4.06E-02	-1.37E-01	-7.36E-02	0.00E+00	0.00E+00	0.00E+00	-2.10E+01
WH27645700C	-4.88E-03	-2.84E-03	-1.06E-04	-5.24E-03	0.00E+00	0.00E+00	-8.45E-01	-4.36E-04	1.21E-05	-2.62E-03	0.00E+00	0.00E+00	-6.72E-10	-5.62E-08	4.37E-04	-4.72E-01	0.00E+00	0.00E+00	-7.77E-01	0.00E+00	-4.36E-02	0.00E+00	5.87E-10	-7.74E-09	-6.60E-04	-2.12E-10	-7.71E-02	0.00E+00	-4.36E-02	-1.70E-05	-4.36E-02	-1.48E-01	-7.71E-02	0.00E+00	0.00E+00	0.00E+00	-3.51E+01
WH27645705C	-4.97E-03	-3.69E-03	-5.47E-05	-4.77E-03	0.00E+00	0.00E+00	-8.98E-01	-4.64E-04	-1.02E-05	-2.66E-03	0.00E+00	0.00E+00	-6.89E-10	-5.67E-08	4.84E-04	-4.68E-01	0.00E+00	0.00E+00	-8.03E-01	0.00E+00	-3.92E-02	0.00E+00	6.80E-10	-7.88E-09	-6.86E-04	-2.12E-10	-7.90E-02	0.00E+00	-3.92E-02	-1.79E-05	-3.92E-02	-1.48E-01	-7.90E-02	0.00E+00	0.00E+00	0.00E+00	-3.54E+01

WH27648300C	-4.29E-03	-1.93E-03	2.43E-04	-6.79E-03	0.00E+00	0.00E+00	-7.23E-01	-3.64E-04	1.58E-04	-2.11E-03	0.00E+00	0.00E+00	-3.50E-10	-2.27E-08	3.40E-04	-4.58E-01	0.00E+00	0.00E+00	-7.01E-01	0.00E+00	-2.35E-02	0.00E+00	7.76E-10	-6.66E-09	-6.35E-04	-2.12E-10	-7.19E-02	0.00E+00	-2.35E-02	-1.64E-05	-2.35E-02	-1.16E-01	-7.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.10E+01
WH27648304C	-4.31E-03	-2.69E-03	4.05E-04	-4.55E-03	0.00E+00	0.00E+00	-7.61E-01	-3.94E-04	1.50E-04	-2.09E-03	0.00E+00	0.00E+00	-3.46E-10	-2.24E-08	4.26E-04	-4.54E-01	0.00E+00	0.00E+00	-7.26E-01	0.00E+00	-1.91E-02	0.00E+00	8.08E-10	-6.75E-09	-6.53E-04	-2.12E-10	-7.19E-02	0.00E+00	-1.91E-02	-1.72E-05	-1.91E-02	-1.16E-01	-7.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.02E+01
WH27648306C	7.54E-04	-5.24E-03	1.73E-03	-6.97E-03	0.00E+00	0.00E+00	2.54E-01	-7.69E-06	6.15E-04	-3.26E-06	0.00E+00	0.00E+00	-1.67E-10	5.99E-09	1.11E-03	-2.02E-01	0.00E+00	0.00E+00	1.57E-01	0.00E+00	1.03E-01	0.00E+00	1.71E-09	-3.13E-10	-1.12E-05	0.00E+00	-6.71E-03	0.00E+00	1.03E-01	-4.30E-07	1.03E-01	9.66E-02	-6.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E+00
WH27750100C	-6.69E-03	-2.56E-02	-3.21E-05	-2.14E-02	0.00E+00	0.00E+00	-8.50E-01	-4.92E-04	2.30E-06	-1.26E-03	0.00E+00	0.00E+00	-4.50E-10	-4.26E-08	9.06E-06	-2.02E+00	0.00E+00	0.00E+00	-3.94E-01	0.00E+00	-3.29E-02	0.00E+00	5.08E-10	-7.04E-09	-5.17E-04	-2.12E-10	-3.00E-01	0.00E+00	-3.29E-02	-7.78E-06	-3.29E-02	-2.37E-01	-3.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.29E+01
WH27750105C	-6.69E-03	-2.56E-02	-3.21E-05	-2.14E-02	0.00E+00	0.00E+00	-8.50E-01	-4.92E-04	2.30E-06	-1.26E-03	0.00E+00	0.00E+00	-4.50E-10	-4.26E-08	9.06E-06	-2.02E+00	0.00E+00	0.00E+00	-3.94E-01	0.00E+00	-3.29E-02	0.00E+00	5.08E-10	-7.04E-09	-5.17E-04	-2.12E-10	-3.00E-01	0.00E+00	-3.29E-02	-7.78E-06	-3.29E-02	-2.37E-01	-3.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.29E+01
WH27750205C	-6.69E-03	-2.42E-02	-3.83E-05	-1.97E-02	0.00E+00	0.00E+00	-8.53E-01	-5.00E-04	-4.21E-06	-1.31E-03	0.00E+00	0.00E+00	-4.58E-10	-4.24E-08	1.10E-04	-1.87E+00	0.00E+00	0.00E+00	-4.23E-01	0.00E+00	-3.29E-02	0.00E+00	5.36E-10	-7.04E-09	-5.20E-04	-2.12E-10	-2.84E-01	0.00E+00	-3.29E-02	-8.40E-06	-3.29E-02	-2.37E-01	-2.84E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
WH27915600C	-5.32E-03	-1.21E-02	1.48E-05	-1.21E-02	0.00E+00	0.00E+00	-1.02E+00	-5.45E-04	-2.02E-04	-2.79E-03	0.00E+00	0.00E+00	-6.21E-10	-6.29E-08	7.58E-04	-5.29E-01	0.00E+00	0.00E+00	-8.15E-01	0.00E+00	-1.80E-02	0.00E+00	8.88E-10	-8.74E-09	-7.94E-04	0.00E+00	-8.59E-02	0.00E+00	-1.80E-02	-1.56E-05	-1.80E-02	-1.04E-01	-8.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.65E+01
WH27915605C	-4.55E-03	-7.93E-02	-1.17E-05	-6.49E-02	0.00E+00	0.00E+00	-9.12E-01	-6.40E-04	-4.30E-05	-2.01E-03	0.00E+00	0.00E+00	-8.28E-10	-7.07E-08	1.56E-06	-2.00E+00	0.00E+00	0.00E+00	-4.80E-01	0.00E+00	-1.89E-01	0.00E+00	-5.11E-10	-1.06E-08	-8.96E-04	-2.12E-10	-3.16E-01	0.00E+00	-1.89E-01	-1.51E-05	-1.89E-01	-9.61E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH27915700C	-4.15E-03	-1.98E-01	8.97E-05	-1.29E-01	0.00E+00	0.00E+00	-1.05E+00	-6.35E-04	-1.02E-04	-2.24E-03	0.00E+00	0.00E+00	-8.55E-10	-6.53E-08	1.03E-04	-3.42E+00	0.00E+00	0.00E+00	-6.10E-01	0.00E+00	-2.68E-01	0.00E+00	-2.26E-09	-1.42E-08	-1.03E-03	-2.12E-10	-6.50E-01	0.00E+00	-2.68E-01	-1.69E-05	-2.68E-01	-1.44E+00	-6.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.41E+01
WH27915705C	-3.44E-03	-1.70E-01	2.46E-04	-6.84E-02	0.00E+00	0.00E+00	-5.45E-01	-5.10E-04	-1.60E-05	-1.69E-03	0.00E+00	0.00E+00	-7.49E-10	-4.69E-08	8.99E-04	-3.37E+00	0.00E+00	0.00E+00	-4.87E-01	0.00E+00	-1.22E-02	0.00E+00	-5.60E-10	-1.01E-08	-6.06E-04	-2.12E-10	-5.62E-01	0.00E+00	-1.22E-02	-1.16E-05	-1.22E-02	-7.52E-01	-5.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
WH27915800C	-4.30E-03	-9.06E-02	-5.92E-04	-1.05E-01	0.00E+00	0.00E+00	-1.03E+00	-6.56E-04	-1.19E-04	-2.10E-03	0.00E+00	0.00E+00	-8.50E-10	-7.00E-08	-7.12E-04	-2.23E+00	0.00E+00	0.00E+00	-5.74E-01	0.00E+00	-6.54E-01	0.00E+00	-1.47E-09	-1.23E-08	-1.01E-03	-2.12E-10	-5.00E-01	0.00E+00	-6.54E-01	-1.67E-05	-6.54E-01	-1.38E+00	-5.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.39E+01
WH27915805C	-3.48E-03	-7.34E-02	-3.06E-04	-6.80E-02	0.00E+00	0.00E+00	-5.12E-01	-5.06E-04	-4.25E-05	-1.70E-03	0.00E+00	0.00E+00	-7.42E-10	-4.93E-08	3.62E-04	-2.17E+00	0.00E+00	0.00E+00	-4.83E-01	0.00E+00	-5.09E-01	0.00E+00	-2.70E-10	-9.38E-09	-6.31E-04	-2.12E-10	-4.32E-01	0.00E+00	-5.09E-01	-1.17E-05	-5.09E-01	-7.80E-01	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.02E+01
WH27916200C	-4.10E-03	-1.96E-01	1.97E-04	-1.31E-01	0.00E+00	0.00E+00	-1.01E+00	-6.36E-04	-6.24E-05	-2.09E-03	0.00E+00	0.00E+00	-8.44E-10	-6.57E-08	-6.28E-04	-3.63E+00	0.00E+00	0.00E+00	-5.46E-01	0.00E+00	-3.88E-01	0.00E+00	-2.11E-09	-1.35E-08	-9.35E-04	-2.12E-10	-6.67E-01	0.00E+00	-3.88E-01	-1.53E-05	-3.88E-01	-1.69E+00	-6.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.30E+01
WH27916205C	-4.10E-03	-1.96E-01	1.97E-04	-1.31E-01	0.00E+00	0.00E+00	-1.01E+00	-6.36E-04	-6.24E-05	-2.09E-03	0.00E+00	0.00E+00	-8.44E-10	-6.57E-08	-6.28E-04	-3.63E+00	0.00E+00	0.00E+00	-5.46E-01	0.00E+00	-3.88E-01	0.00E+00	-2.11E-09	-1.35E-08	-9.35E-04	-2.12E-10	-6.67E-01	0.00E+00	-3.88E-01	-1.53E-05	-3.88E-01	-1.69E+00	-6.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.30E+01
WH27916300C	-4.55E-03	-7.93E-02	-1.17E-05	-6.49E-02	0.00E+00	0.00E+00	-9.12E-01	-6.40E-04	-4.30E-05	-2.01E-03	0.00E+00	0.00E+00	-8.28E-10	-7.07E-08	1.56E-06	-2.00E+00	0.00E+00	0.00E+00	-4.80E-01	0.00E+00	-1.89E-01	0.00E+00	-5.11E-10	-1.06E-08	-8.96E-04	-2.12E-10	-3.16E-01	0.00E+00	-1.89E-01	-1.51E-05	-1.89E-01	-9.61E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH27916304C	-4.55E-03	-7.93E-02	-1.17E-05	-6.49E-02	0.00E+00	0.00E+00	-9.12E-01	-6.40E-04	-4.30E-05	-2.01E-03	0.00E+00	0.00E+00	-8.28E-10	-7.07E-08	1.56E-06	-2.00E+00	0.00E+00	0.00E+00	-4.80E-01	0.00E+00	-1.89E-01	0.00E+00	-5.11E-10	-1.06E-08	-8.96E-04	-2.12E-10	-3.16E-01	0.00E+00	-1.89E-01	-1.51E-05	-1.89E-01	-9.61E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH27916305C	-4.55E-03	-7.93E-02	-1.17E-05	-6.49E-02	0.00E+00	0.00E+00	-9.12E-01	-6.40E-04	-4.30E-05	-2.01E-03	0.00E+00	0.00E+00	-8.28E-10	-7.07E-08	1.56E-06	-2.00E+00	0.00E+00	0.00E+00	-4.80E-01	0.00E+00	-1.89E-01	0.00E+00	-5.11E-10	-1.06E-08	-8.96E-04	-2.12E-10	-3.16E-01	0.00E+00	-1.89E-01	-1.51E-05	-1.89E-01	-9.61E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH27917000C	-4.59E-03	-8.61E-02	-9.29E-05	-6.35E-02	0.00E+00	0.00E+00	-9.32E-01	-6.43E-04	-7.07E-05	-2.02E-03	0.00E+00	0.00E+00	-8.29E-10	-7.20E-08	4.48E-04	-2.03E+00	0.00E+00	0.00E+00	-5.06E-01	0.00E+00	-2.07E-01	0.00E+00	-1.07E-09	-1.11E-08	-9.65E-04	-2.12E-10	-3.32E-01	0.00E+00	-2.07E-01	-1.56E-05	-2.07E-01	-7.60E-01	-3.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
WH27917003C	-3.70E-03	-6.88E-02	2.48E-05	-2.57E-02	0.00E+00	0.00E+00	-4.30E-01	-4.81E-04	-1.37E-05	-1.59E-03	0.00E+00	0.00E+00	-7.17E-10	-4.92E-08	7.46E-04	-1.92E+00	0.00E+00	0.00E+00	-4.31E-01	0.00E+00	-8.61E-02	0.00E+00	-4.15E-11	-8.13E-09	-5.47E-04	-2.12E-10	-2.66E-01	0.00E+00	-8.61E-02	-1.02E-05	-8.61E-02	-4.97E-02	-2.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH27917005C	-3.70E-03	-6.88E-02	2.48E-05	-2.57E-02	0.00E+00	0.00E+00	-4.30E-01	-4.81E-04	-1.37E-05	-1.59E-03	0.00E+00	0.00E+00	-7.17E-10	-4.92E-08	7.46E-04	-1.92E+00	0.00E+00	0.00E+00	-4.31E-01	0.00E+00	-8.61E-02	0.00E+00	-4.15E-11	-8.13E-09	-5.47E-04	-2.12E-10	-2.66E-01	0.00E+00	-8.61E-02	-1.02E-05	-8.61E-02	-4.97E-02	-2.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH27917700C	-4.38E-03	-2.04E-01	6.28E-04	-5.59E-02	0.00E+00	0.00E+00	-9.68E-01	-6.16E-04	-3.66E-07	-2.14E-03	0.00E+00	0.00E+00	-7.99E-10	-6.27E-08	1.15E-03	-5.37E+00	0.00E+00	0.00E+00	-5.49E-01	0.00E+00	1.67E+00	0.00E+00	2.12E-09	-1.18E-08	-9.12E-04	-2.12E-10	-7.71E-01	0.00E+00	1.67E+00	-1.54E-05	1.67E+00	3.87E-01	-7.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
WH27917705C	-4.38E-03	-2.04E-01	6.28E-04	-5.59E-02	0.00E+00	0.00E+00	-9.68E-01	-6.16E-04	-3.66E-07	-2.14E-03	0.00E+00	0.00E+00	-7.99E-10	-6.27E-08	1.15E-03	-5.37E+00	0.00E+00	0.00E+00	-5.49E-01	0.00E+00	1.67E+00	0.00E+00	2.12E-09	-1.18E-08	-9.12E-04	-2.12E-10	-7.71E-01	0.00E+00	1.67E+00	-1.54E-05	1.67E+00	3.87E-01	-7.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
WH27917800C	-4.40E-03	-2.07E-01	6.25E-04	-8.04E-02	0.00E+00	0.00E+00	-9.62E-01	-6.21E-04	1.51E-05	-2.15E-03	0.00E+00	0.00E+00	-8.05E-10	-6.31E-08	9.30E-04	-5.35E+00	0.00E+00	0.00E+00	-5.24E-01	0.00E+00	1.46E+00	0.00E+00	2.16E-09	-1.20E-08	-8.70E-04	-2.12E-10	-8.73E-01	0.00E+00	1.46E+00	-1.49E-05	1.46E+00	5.33E-02	-8.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
WH27917804C	-4.40E-03	-2.07E-01	6.25E-04	-8.04E-02	0.00E+00	0.00E+00	-9.62E-01	-6.21E-04	1.51E-05	-2.15E-03	0.00E+00	0.00E+00	-8.05E-10	-6.31E-08	9.30E-04	-5.35E+00	0.00E+00	0.00E+00	-5.24E-01	0.00E+00	1.46E+00	0.00E+00	2.16E-09	-1.20E-08	-8.70E-04	-2.12E-10	-8.73E-01	0.00E+00	1.46E+00	-1.49E-05	1.46E+00	5.33E-02	-8.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
WH27917805C	-4.40E-03	-2.07E-01	6.25E-04	-8.04E-02	0.00E+00	0.00E+00	-9.62E-01	-6.21E-04	1.51E-05	-2.15E-03	0.00E+00	0.00E+00	-8.05E-10	-6.31E-08	9.30E-04	-5.35E+00	0.00E+00	0.00E+00	-5.24E-01	0.00E+00	1.46E+00	0.00E+00	2.16E-09	-1.20E-08	-8.70E-04	-2.12E-10	-8.73E-01	0.00E+00	1.46E+00	-1.49E-05	1.46E+00	5.33E-02	-8.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
WH3358025F	-4.48E-06	3.78E-03	4.02E-04	3.37E-03	0.00E+00	0.00E+00	1.65E-02	-1.87E-05	8.76E-05	-1.30E-05	0.00E+00	0.00E+00	-1.29E-10	-9.88E-10	7.95E-04	-2.95E-02	0.00E+00	0.00E+00	-3.14E-03	0.00E+00	1.48E-01	0.00E+00	1.76E-09	-2.05E-10	-2.15E-05	0.00E+00	1.54E-03	0.00E+00	1.48E-01	-5.40E-07	1.48E-01	1.49E-01	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.10E-01
WH36580300A	2.33E-04	1.30E-01	1.57E-03	1.29E-01	0.00E+00	0.00E+00	2.72E-01	-9.93E-06	1.01E-04	1.01E-03	0.00E+00	0.00E+00	4.33E-11	-3.86E-10	2.69E-03	9.57E-03	0.00E+00	0.00E+00	2.18E-01	0.00E+00	6.37E-01	0.00E+00	5.78E-09	2.53E-09	2.43E-04	0.00E+00	3.34E-02	0.00E+00	6.37E-01	-2.29E-07	6.37E-01	6.70E-01	3.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+00
WH36580300C	-1.26E-03	-1.04E-01	-1.42E-03	-1.02E-01	0.00E+00	0.00E+00	-1.19E-01	-4.18E-05	-1.02E-04	-1.11E-03	0.00E+00	0.00E+00	-3.48E-10	-5.97E-09	-1.21E-01	-5.54E-01	0.00E+00	0.00E+00	-2.29E+00	0.00E+00	-1.91E+00	0.00E+00	-5.47E-10	-1.22E-08	-4.13E-04	0.00E+00	-8.57E-01	0.00E+00	-1.91E+00	-1.48E-06	-1.91E+00	-2.77E+00	-8.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.24E+01
WH36580300Q	-1.07E-04	-3.69E-02	-3.23E-04	-3.66E-02	0.00E+00	0.00E+00	-6.90E-02	-9.54E-06	-1.22E-06	-2.69E-04	0.00E+00	0.00E+00	-2.64E-10	-6.92E-10	-3.41E-04	-9.57E-01	0.00E+00	0.00E+00	-1.64E-01	0.00E+00	-2.40E-01	0.00E+00	-7.42E-10	-2.52E-09	-1.30E-04	0.00E+00	-1.52E-01	0.00E+00	-2.40E-01	-4.64E-07	-2.40E-01	-3.92E-01	-1.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.72E+00
WH36580303A	-2.02E-04	4.54E-02	2.28E-04	4.51E-02	0.00E+00	0.00E+00	-9.17E-02	-3.14E-05	2.60E-05	2.14E-04	0.00E+00	0.00E+00	-2.79E-10	-3.26E-09	5.40E-04	-6.41E-01	0.00E+00	0.00E+00	-1.74E-01	0.00E+00	-6.73E-02	0.00E+00	1.23E-09	-1.85E-09	-3.11E-05	0.00E+00	-1.00E-01	0.00E+00	-6.73E-02	-1.10E-06	-6.73E-02	-1.67E-01	-1.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.86E+00
WH36580303C	-7.40E-04	-7.92E-02	-6.66E-04	-7.85E-02	0.00E+00	0.00E+00	4.88E-02	-1.76E-05	1.01E-04	-7.44E-04	0.00E+00	0.00E+00	-2.41E-10	-1.28E-09	-1.20E-01	-9.02E-01	0.00E+00	0.00E+00	-2.12E+00	0.00E+00	-1.73E+00	0.00E+00	7.06E-10	-1.09E-08	-2.93E-04	0.00E+00	-8.94E-01	0.00E+00	-1.73E+00	-7.46E-07	-1.73E+00	-2.62E+00	-8.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.57E+01
WH36580303Q	5.62E-04	1.68E-01	2.32E-03	1.66E-01	0.00E+00	0.00E+00	2.78E-01	-1.85E-05	1.50E-04	1.55E-03	0.00E+00	0.00E+00	-2.19E-10	-1.07E-09	6.25E-03	5.39E-02	0.00E+00	0.00E+00	3.51E-01	0.00E+00	1.75E+00	0.00E+00	1.56E-08	5.54E-09	3.82E-04	0.00E+00	6.41E-02	0.00E+00	1.75E+00	6.44E-08	1.75E+00	1.82E+00	6.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+01
WH36580305A	2.65E-04	-5.35E-02	1.02E-03	-5.45E-02	0.00E+00	0.00E+00	2.33E-01	2.26E-07	1.84E-04	2.23E-05	0.00E+00	0.00E+00	2.89E-11	2.19E-09	1.14E-03	-5.01E+00	0.00E+00	0.00E+00	1.72E-01	0.00E+00	2.08E-01	0.00E+00	1.63E-09	-1.45E-09	2.33E-05	0.00E+00	-7.07E-01	0.00E+00	2.08E-01	6.39E-08	2.08E-01	-4.99E-01	-7.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E+00
WH36580305C	9.55E-05	5.09E-02	1.38E-03	4.95E-02	0.00E+00	0.00E+00	2.71E-01	-1.00E-05	5.30E-05	4.35E-04	0.00E+00	0.00E+00	3.55E-11	-4.81E-10	6.84E-03	-1.64E-01	0.00E+00	0.00E+00	1.77E-01	0.00E+00	5.92E-01	0.00E+00	4.21E-09	1.64E-09	1.13E-04	0.00E+00	-8.43E-03	0.00E+00	5.92E-01	-2.82E-07	5.92E-01	5.84E-01	-8.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E+00
WH36580305Q	-1.17E-03	2.82E-02	4.14E-04	3.21E-02	0.00E+00	0.00E+00	-3.78E-01	-1.20E-04	2.51E-06	-3.49E-04	0.00E+00	0.00E+00	-1.84E-10	-1.21E-08	2.84E-03	-1.86E+00	0.00E+00	0.00E+00	-1.76E-01	0.00E+00	2.45E-01	0.00E+00	8.30E-09	-3.80E-09	-7.08E-05	-2.12E-10	-2.81E-01	0.00E+00	2.45E-01	-2.63E-06	2.45E-01	-9.09E-02	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.00E+00
WH36580349A	-9.78E-04	4.92E-04	5.17E-04	1.18E-02	0.00E+00	0.00E+00	-2.24E-01	-1.05E-04	7.23E-05	-2.16E-04	0.00E+00	0.00E+00	-1.53E-10	-8.23E-09	1.44E-03	-7.59E-01	0.00E+00	0.00E+00	-1.10E-01	0.00E+00	8.00E-02	0.00E+00	2.23E-09	-2.11E-09	-3.91E-05	-2.12E-10	-1.86E-01	0.00E+00	8.00E-02	-2.32E-06	8.00E-02	-1.47E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.52E+00
WH36580349C	-2.70E-03	-3.16E-02	5.57E-04	-3.21E-02	0.00E+00	0.00E+00	-4.68E-01	-2.83E-04	-9.32E-05	-1.25E-03	0.00E+00	0.00E+00	-3.25E-10	-3.27E-08	5.73E-03	-4.82E+00	0.00E+00	0.00E+00	-3.96E-01	0.00E+00	2.73E-01	0.00E+00	2.25E-09	-5.73E-09	-3.61E-04	0.00E+00	-7.10E-01	0.00E+00	2.73E-01	-8.11E-06	2.73E-01	-4.36E-01	-7.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
WH36580349Q	-1.17E-03	3.62E-02	4.52E-04	4.08E-02	0.00E+00	0.00E+00	-3.61E-01	-1.20E-04	1.09E-05	-2.97E-04	0.00E+00	0.00E+00	-1.84E-10	-1.20E-08	2.84E-03	-1.62E+00	0.00E+00	0.00E+00	-1.35E-01	0.00E+00	2.45E-01	0.00E+00	8.87E-09	-2.37E-09	-6.19E-05	-2.12E-10	-2.41E-01	0.00E+00	2.45E-01	-2.63E-06	2.45E-01	1.93E-01	-2.41E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.90E+00
WH36582300A	-2.50E-03	3.37E-03	3.96E-04	8.30E-03	0.00E+00	0.00E+00	-4.10E-01	-1.66E-04	7.41E-05	-6.61E-04	0.00E+00	0.00E+00	-2.64E-10	-1.72E-08	6.21E-04	-6.69E-01	0.00E+00	0.00E+00	-2.53E-01	0.00E+00	2.86E-02	0.00E+00	1.61E-09	-2.55E-09	-2.02E-04	-2.12E-10	-6.31E-02	0.00E+00	2.86E-02	-5.82E-06	2.86E-02	-1.74E-01	-6.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.49E+00
WH36582300C	-2.80E-03	-1.99E-02	3.33E-04	-2.99E-02	0.00E+00	0.00E+00	-5.30E-01	-1.92E-04	6.16E-05	-1.15E-03	0.00E+00	0.00E+00	-3.73E-10	-2.08E-08	-6.84E-02	-9.07E-01	0.00E+00	0.00E+00	-4.44E-01	0.00E+00	-5.71E-01	0.00E+00	1.22E-09	-4.01E-09	-2.40E-04	-2.12E-10	-1.80E-01	0.00E+00	-5.71E-01	-8.22E-06	-5.71E-01	-8.03E-01	-1.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
WH36582300Q	-3.04E-03	1.46E-02	3.89E-04	-1.00E-02	0.00E+00	0.00E+00	-5.45E-01	-2.23E-04	5.56E-05	-7.68E-04	0.00E+00	0.00E+00	-3.40E-10	-2.30E-08	1.60E-03	-1.26E+00	0.00E+00	0.00E+00	-3.07E-01	0.00E+00	9.76E-02	0.00E+00	6.16E-09	-3.80E-09	-2.87E-04	-2.12E-10	-1.27E-01	0.00E+00	9.76E-02	-6.78E-06	9.76E-02	-1.23E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.52E+01
WH36582303A	-1.71E-03	2.36E-03	3.94E-04	7.56E-03	0.00E+00	0.00E+00	-3.29E-01	-1.65E-04	5.55E-05	-6.27E-04	0.00E+00	0.00E+00	-2.47E-10	-1.72E-08	5.28E-04	-6.50E-01	0.00E+00	0.00E+00	-2.02E-01	0.00E+00	2.94E-02	0.00E+00	1.33E-09	-1.97E-09	-2.45E-04	-2.12E-10	-6.31E-02	0.00E+00	2.94E-02	-5.67E-06	2.94E-02	-1.68E-01	-6.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.01E+00
WH36582303C	-2.18E-03	-2.05E-02	3.53E-04	-2.96E-02	0.00E+00	0.00E+00	-4.40E-01	-1.84E-04	4.17E-05	-1.09E-03	0.00E+00	0.00E+00	-3.46E-10	-2.04E-08	-6.92E-02	-8.60E-01	0.00E+00	0.00E+00	-3.66E-01	0.00E+00	-5.31E-01	0.00E+00	9.60E-10	-3.57E-09	-2.86E-04	-2.12E-10	-1.81E-01	0.00E+00	-5.31E-01	-8.04E-06	-5.31E-01	-7.29E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.18E+01
WH36582303Q	-2.19E-03	-1.27E-03	3.42E-04	-1.34E-02	0.00E+00	0.00E+00	-4.40E-01	-2.21E-04	3.93E-05	-7.33E-04	0.00E+00	0.00E+00	-3.08E-10	-2.23E-08	1.36E-03	-1.23E+00	0.00E+00	0.00E+00	-2.61E-01	0.00E+00	8.96E-02	0.00E+00	5.66E-09	-2.93E-09	-3.36E-04	-2.12E-10	-1.27E-01	0.00E+00	8.96E-02	-6.46E-06	8.96E-02	-1.70E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
WH36582305A	-1.71E-03	2.36E-03	3.94E-04	7.56E-03	0.00E+00	0.00E+00	-3.29E-01	-1.65E-04	5.55E-05	-6.27E-04	0.00E+00	0.00E+00	-2.47E-10	-1.72E-08	5.28E-04	-6.50E-01	0.00E+00	0.00E+00	-2.02E-01	0.00E+00	2.94E-02	0.00E+00	1.33E-09	-1.97E-09	-2.45E-04	-2.12E-10	-6.31E-02	0.00E+00	2.94E-02	-5.67E-06	2.94E-02	-1.68E-01	-6.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.01E+00
WH36582305C	-2.18E-03	-2.05E-02	3.53E-04	-2.96E-02	0.00E+00	0.00E+00	-4.40E-01	-1.84E-04	4.17E-05	-1.09E-03	0.00E+00	0.00E+00	-3.46E-10	-2.04E-08	-6.92E-02	-8.60E-01	0.00E+00	0.00E+00	-3.66E-01	0.00E+00	-5.31E-01	0.00E+00	9.60E-10	-3.57E-09	-2.86E-04	-2.12E-10	-1.81E-01	0.00E+00	-5.31E-01	-8.04E-06	-5.31E-01	-7.29E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.18E+01
WH36582305Q	-2.19E-03	-1.27E-03	3.42E-04	-1.34E-02	0.00E+00	0.00E+00	-4.40E-01	-2.21E-04	3.93E-05	-7.33E-04	0.00E+00	0.00E+00	-3.08E-10	-2.23E-08	1.33E-03	-1.23E+00	0.00E+00	0.00E+00	-2.61E-01	0.00E+00	8.96E-02	0.00E+00	5.66E-09	-3.00E-09	-3.36E-04	-2.12E-10	-1.27E-01	0.00E+00	8.96E-02	-6.46E-06	8.96E-02	-1.70E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
WH36582349C	-4.49E-03	-7.62E-02	3.14E-04	-1.13E-01	0.00E+00	0.00E+00	-1.01E+00	-6.09E-04	-5.79E-05	-1.70E-03	0.00E+00	0.00E+00	-6.47E-10	-6.88E-08	-2.63E-02	-3.44E+00	0.00E+00	0.00E+00	-5.21E-01	0.00E+00	-3.99E-01	0.00E+00	3.00E-10	-1.02E-08	-8.03E-04	-2.12E-10	-5.60E-01	0.00E+00	-3.99E-01	-1.32E-05	-3.99E-01	-1.56E+00	-5.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
WH36583300A	-2.92E-03	-1.70E-01	-3.75E-04	-1.70E-01	0.00E+00	0.00E+00	-5.77E-01	-2.83E-04	-1.49E-04	-1.92E-03	0.00E+00	0.00E+00	-3.57E-10	-3.30E-08	-6.10E-04	-1.11E+01	0.00E+00	0.00E+00	-5.05E-01	0.00E+00	-3.18E-01	0.00E+00	-1.96E-09	-1.06E-08	-5.33E-04	0.00E+00	-1.63E+00	0.00E+00	-3.18E-01	-8.20E-06	-3.18E-01	-1.95E+00	-1.63E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
WH36583300C	9.92E-04	1.48E-01	3.61E-03	1.44E-01	0.00E+00	0.00E+00	6.55E-01	1.89E-06	3.21E-04	1.59E-03	0.00E+00	0.00E+00	9.74E-11	3.22E-09	1.20E-02	1.40E-01	0.00E+00	0.00E+00	7.13E-01	0.00E+00	2.27E+00	0.00E+00	1.73E-08	8.45E-09	4.90E-04	0.00E+00	9.87E-02	0.00E+00	2.27E+00	9.35E-07	2.27E+00	2.37E+00	9.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E+01
WH36583300Q	-5.72E-03	-2.10E-01	5.92E-06	-1.73E-01	0.00E+00	0.00E+00	-6.05E-01	-4.78E-04	2.47E-05	-2.26E-03	0.00E+00	0.00E+00	-7.96E-10	-5.80E-08	9.70E-04	-1.01E+01	0.00E+00	0.00E+00	-7.75E-01	0.00E+00	-5.05E-01	0.00E+00	-2.50E-10	-1.60E-08	-1.01E-03	-2.12E-10	-1.74E+00	0.00E+00	-5.05E-01	-1.13E-05	-5.05E-01	-3.07E+00	-1.74E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.74E+01
WH36583303A	-2.72E-03	-6.90E-02	5.27E-04	-3.18E-02	0.00E+00	0.00E+00	-5.14E-01	-3.43E-04	-2.64E-05	-1.52E-03	0.00E+00	0.00E+00	-4.21E-10	-3.36E-08	5.01E-04	-2.41E+00	0.00E+00	0.00E+00	-6.54E-01	0.00E+00	1.36E-01	0.00E+00	2.92E-09	-6.54E-09	-5.77E-04	-2.12E-10	-2.77E-01	0.00E+00	1.36E-01	-1.08E-05	1.36E-01	-2.45E-01	-2.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.11E+01
WH36583303C	-2.64E-03	-8.28E-02	4.79E-04	-7.20E-02	0.00E+00	0.00E+00	-4.83E-01	-3.28E-04	-2.80E-05	-1.52E-03	0.00E+00	0.00E+00	-4.51E-10	-3.30E-08	-3.33E-02	-2.81E+00	0.00E+00	0.00E+00	-7.70E-01	0.00E+00	-3.59E-01	0.00E+00	2.36E-09	-6.78E-09	-6.11E-04	-2.12E-10	-4.17E-01	0.00E+00	-3.59E-01	-1.06E-05	-3.59E-01	-9.18E-01	-4.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
WH36583303Q	-3.08E-03	-5.34E-02	2.19E-04	-1.07E-01	0.00E+00	0.00E+00	-6.99E-01	-3.83E-04	-7.70E-05	-2.15E-03	0.00E+00	0.00E+00	-4.61E-10	-4.35E-08	-1.14E-04	-9.64E+00	0.00E+00	0.00E+00	-6.49E-01	0.00E+00	2.01E-01	0.00E+00	1.11E-09	-1.02E-08	-7.36E-04	-2.12E-10	-1.47E+00	0.00E+00	2.01E-01	-1.16E-05	2.01E-01	-2.16E+00	-1.47E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
WH36583305A	-2.72E-03	-6.22E-02	5.27E-04	-2.93E-02	0.00E+00	0.00E+00	-5.14E-01	-3.43E-04	-2.64E-05	-1.52E-03	0.00E+00	0.00E+00	-4.21E-10	-3.39E-08	9.43E-04	-2.43E+00	0.00E+00	0.00E+00	-6.54E-01	0.00E+00	1.36E-01	0.00E+00	2.92E-09	-6.54E-09	-5.67E-04	-2.12E-10	-2.77E-01	0.00E+00	1.36E-01	-1.08E-05	1.36E-01	-2.45E-01	-2.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.11E+01
WH36583305C	-2.85E-03	-1.43E-01	9.62E-05	-1.43E-01	0.00E+00	0.00E+00	-5.26E-01	-2.83E-04	-1.33E-04	-1.74E-03	0.00E+00	0.00E+00	-3.48E-10	-3.30E-08	4.64E-03	-1.03E+01	0.00E+00	0.00E+00	-4.80E-01	0.00E+00	-4.55E-02	0.00E+00	-4.08E-10	-9.46E-09	-4.84E-04	0.00E+00	-1.51E+00	0.00E+00	-4.55E-02	-8.18E-06	-4.55E-02	-1.56E+00	-1.51E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.10E+01
WH36583305Q	-5.86E-03	-2.00E-01	4.18E-04	-1.75E-01	0.00E+00	0.00E+00	-1.01E+00	-5.20E-04	-2.34E-08	-2.13E-03	0.00E+00	0.00E+00	-7.95E-10	-6.08E-08	4.71E-04	-1.10E+01	0.00E+00	0.00E+00	-6.40E-01	0.00E+00	-2.37E-01	0.00E+00	1.22E-10	-1.54E-08	-9.73E-04	-2.12E-10	-1.77E+00	0.00E+00	-2.37E-01	-1.33E-05	-2.37E-01	-3.18E+00	-1.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.13E+01
WH36583349A	-2.72E-03	-6.90E-02	5.27E-04	-3.18E-02	0.00E+00	0.00E+00	-5.14E-01	-3.43E-04	-2.64E-05	-1.52E-03	0.00E+00	0.00E+00	-4.21E-10	-3.36E-08	5.01E-04	-2.41E+00	0.00E+00	0.00E+00	-6.54E-01	0.00E+00	1.36E-01	0.00E+00	2.92E-09	-6.54E-09	-5.77E-04	-2.12E-10	-2.77E-01	0.00E+00	1.36E-01	-1.08E-05	1.36E-01	-2.45E-01	-2.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.11E+01
WH36583349C	-2.64E-03	-8.28E-02	4.79E-04	-7.20E-02	0.00E+00	0.00E+00	-4.83E-01	-3.28E-04	-2.80E-05	-1.52E-03	0.00E+00	0.00E+00	-4.51E-10	-3.30E-08	-3.33E-02	-2.81E+00	0.00E+00	0.00E+00	-7.70E-01	0.00E+00	-3.59E-01	0.00E+00	2.36E-09	-6.78E-09	-6.11E-04	-2.12E-10	-4.17E-01	0.00E+00	-3.59E-01	-1.06E-05	-3.59E-01	-9.18E-01	-4.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
WH36583349Q	-3.10E-03	-5.34E-02	2.25E-04	-1.26E-01	0.00E+00	0.00E+00	-6.99E-01	-3.83E-04	-7.33E-05	-2.24E-03	0.00E+00	0.00E+00	-4.57E-10	-4.36E-08	6.03E-05	-9.95E+00	0.00E+00	0.00E+00	-6.49E-01	0.00E+00	2.01E-01	0.00E+00	1.11E-09	-1.09E-08	-7.36E-04	-2.12E-10	-1.53E+00	0.00E+00	2.01E-01	-1.17E-05	2.01E-01	-2.36E+00	-1.53E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
WH36583400A	-3.12E-03	-6.24E-02	2.55E-04	-3.10E-02	0.00E+00	0.00E+00	-6.23E-01	-3.37E-04	-2.20E-05	-1.95E-03	0.00E+00	0.00E+00	-5.06E-10	-3.62E-08	1.10E-03	-2.59E+00	0.00E+00	0.00E+00	-6.83E-01	0.00E+00	1.81E-01	0.00E+00	5.40E-09	-6.69E-09	-6.70E-04	-2.12E-10	-2.76E-01	0.00E+00	1.81E-01	-1.15E-05	1.81E-01	-2.68E-01	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
WH36583400C	-3.18E-03	-7.41E-02	2.69E-04	-7.37E-02	0.00E+00	0.00E+00	-6.07E-01	-3.39E-04	-1.58E-05	-2.00E-03	0.00E+00	0.00E+00	-5.46E-10	-3.66E-08	-3.25E-02	-3.01E+00	0.00E+00	0.00E+00	-8.20E-01	0.00E+00	-3.74E-01	0.00E+00	5.09E-09	-7.02E-09	-7.19E-04	-2.12E-10	-4.24E-01	0.00E+00	-3.74E-01	-1.15E-05	-3.74E-01	-1.06E+00	-4.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.76E+01
WH36583403A	-2.63E-03	-7.00E-02	4.29E-04	-3.08E-02	0.00E+00	0.00E+00	-5.15E-01	-3.32E-04	-8.56E-06	-1.73E-03	0.00E+00	0.00E+00	-4.09E-10	-3.32E-08	5.06E-04	-2.49E+00	0.00E+00	0.00E+00	-6.53E-01	0.00E+00	1.88E-01	0.00E+00	2.75E-09	-6.77E-09	-5.89E-04	-2.12E-10	-2.75E-01	0.00E+00	1.88E-01	-1.07E-05	1.88E-01	-2.12E-01	-2.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
WH36583403C	-2.56E-03	-8.35E-02	3.94E-04	-7.10E-02	0.00E+00	0.00E+00	-4.86E-01	-3.19E-04	-5.23E-06	-1.78E-03	0.00E+00	0.00E+00	-4.42E-10	-3.32E-08	-3.33E-02	-2.89E+00	0.00E+00	0.00E+00	-7.76E-01	0.00E+00	-3.27E-01	0.00E+00	2.20E-09	-7.03E-09	-6.35E-04	-2.12E-10	-4.32E-01	0.00E+00	-3.27E-01	-1.05E-05	-3.27E-01	-9.33E-01	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
WH36583405A	-2.63E-03	-6.31E-02	4.29E-04	-2.84E-02	0.00E+00	0.00E+00	-5.15E-01	-3.32E-04	-8.56E-06	-1.73E-03	0.00E+00	0.00E+00	-4.09E-10	-3.34E-08	9.61E-04	-2.51E+00	0.00E+00	0.00E+00	-6.53E-01	0.00E+00	1.88E-01	0.00E+00	2.75E-09	-6.77E-09	-5.80E-04	-2.12E-10	-2.75E-01	0.00E+00	1.88E-01	-1.07E-05	1.88E-01	-2.12E-01	-2.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
WH36583405C	-2.56E-03	-7.52E-02	3.94E-04	-6.85E-02	0.00E+00	0.00E+00	-4.86E-01	-3.19E-04	-5.23E-06	-1.78E-03	0.00E+00	0.00E+00	-4.42E-10	-3.34E-08	-3.32E-02	-2.89E+00	0.00E+00	0.00E+00	-7.76E-01	0.00E+00	-3.27E-01	0.00E+00	2.20E-09	-7.03E-09	-6.26E-04	-2.12E-10	-4.32E-01	0.00E+00	-3.27E-01	-1.05E-05	-3.27E-01	-9.33E-01	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
WH36583405Q	-2.86E-03	-5.34E-02	2.93E-04	-1.42E-01	0.00E+00	0.00E+00	-6.63E-01	-3.26E-04	5.72E-05	-2.04E-03	0.00E+00	0.00E+00	-4.47E-10	-3.72E-08	8.00E-05	-9.89E+00	0.00E+00	0.00E+00	-6.69E-01	0.00E+00	9.89E-02	0.00E+00	1.36E-09	-1.10E-08	-7.28E-04	-2.12E-10	-1.58E+00	0.00E+00	9.89E-02	-1.03E-05	9.89E-02	-2.90E+00	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
WH36585300A	-5.50E-03	-7.79E-02	3.44E-04	-1.04E-01	0.00E+00	0.00E+00	-1.00E+00	-5.80E-04	-7.77E-05	-1.93E-03	0.00E+00	0.00E+00	-7.10E-10	-6.81E-08	1.52E-03	-3.68E+00	0.00E+00	0.00E+00	-6.77E-01	0.00E+00	1.42E-01	0.00E+00	1.51E-09	-1.05E-08	-9.14E-04	-2.12E-10	-5.82E-01	0.00E+00	1.42E-01	-1.41E-05	1.42E-01	-1.25E+00	-5.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.98E+01
WH36585300C	-2.57E-03	1.91E-02	5.90E-04	1.85E-02	0.00E+00	0.00E+00	-4.33E-01	-2.72E-04	-7.57E-05	-1.11E-03	0.00E+00	0.00E+00	-3.00E-10	-3.13E-08	5.74E-03	-9.80E-01	0.00E+00	0.00E+00	-3.72E-01	0.00E+00	2.78E-01	0.00E+00	2.26E-09	-3.82E-09	-3.27E-04	0.00E+00	-1.52E-01	0.00E+00	2.78E-01	-7.79E-06	2.78E-01	1.26E-01	-1.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.71E+01
WH36585300Q	-6.26E-03	-2.35E-01	6.05E-04	-1.48E-01	0.00E+00	0.00E+00	-1.10E+00	-5.79E-04	-1.07E-04	-2.40E-03	0.00E+00	0.00E+00	-8.41E-10	-6.82E-08	1.66E-03	-8.99E+00	0.00E+00	0.00E+00	-6.94E-01	0.00E+00	2.93E-01	0.00E+00	-7.61E-10	-1.56E-08	-1.01E-03	-2.12E-10	-1.38E+00	0.00E+00	2.93E-01	-1.47E-05	2.93E-01	-1.60E+00	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.01E+01
WH36585303A	-5.29E-03	-6.84E-02	4.84E-04	-9.69E-02	0.00E+00	0.00E+00	-9.84E-01	-5.81E-04	-6.71E-05	-1.70E-03	0.00E+00	0.00E+00	-7.15E-10	-6.81E-08	1.22E-03	-3.74E+00	0.00E+00	0.00E+00	-6.43E-01	0.00E+00	1.99E-01	0.00E+00	1.54E-09	-1.02E-08	-8.71E-04	-2.12E-10	-5.98E-01	0.00E+00	1.99E-01	-1.34E-05	1.99E-01	-1.14E+00	-5.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.15E+01
WH36585303C	-5.15E-03	-7.09E-02	4.42E-04	-1.12E-01	0.00E+00	0.00E+00	-9.67E-01	-5.68E-04	-6.95E-05	-1.75E-03	0.00E+00	0.00E+00	-7.18E-10	-6.76E-08	-2.79E-02	-3.82E+00	0.00E+00	0.00E+00	-7.16E-01	0.00E+00	-9.88E-02	0.00E+00	1.25E-09	-1.00E-08	-8.83E-04	-2.12E-10	-6.73E-01	0.00E+00	-9.88E-02	-1.29E-05	-9.88E-02	-1.53E+00	-6.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
WH36585303Q	-6.11E-03	-2.22E-01	8.87E-04	-1.34E-01	0.00E+00	0.00E+00	-1.10E+00	-5.87E-04	-8.91E-05	-2.09E-03	0.00E+00	0.00E+00	-8.33E-10	-6.68E-08	2.18E-03	-5.94E+00	0.00E+00	0.00E+00	-6.23E-01	0.00E+00	3.65E-01	0.00E+00	2.04E-09	-1.43E-08	-9.50E-04	-2.12E-10	-7.76E-01	0.00E+00	3.65E-01	-1.45E-05	3.65E-01	-1.04E+00	-7.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
WH36585305A	-5.29E-03	-6.84E-02	4.84E-04	-9.69E-02	0.00E+00	0.00E+00	-9.84E-01	-5.81E-04	-6.71E-05	-1.70E-03	0.00E+00	0.00E+00	-7.15E-10	-6.81E-08	1.22E-03	-3.74E+00	0.00E+00	0.00E+00	-6.43E-01	0.00E+00	1.99E-01	0.00E+00	1.54E-09	-1.02E-08	-8.71E-04	-2.12E-10	-5.98E-01	0.00E+00	1.99E-01	-1.34E-05	1.99E-01	-1.14E+00	-5.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.15E+01
WH36585305C	-5.15E-03	-7.09E-02	4.42E-04	-1.12E-01	0.00E+00	0.00E+00	-9.67E-01	-5.68E-04	-6.95E-05	-1.75E-03	0.00E+00	0.00E+00	-7.18E-10	-6.76E-08	-2.79E-02	-3.82E+00	0.00E+00	0.00E+00	-7.16E-01	0.00E+00	-9.88E-02	0.00E+00	1.25E-09	-1.00E-08	-8.83E-04	-2.12E-10	-6.73E-01	0.00E+00	-9.88E-02	-1.29E-05	-9.88E-02	-1.53E+00	-6.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
WH36585305Q	-6.11E-03	-2.22E-01	8.87E-04	-1.36E-01	0.00E+00	0.00E+00	-1.10E+00	-5.87E-04	-9.56E-05	-2.11E-03	0.00E+00	0.00E+00	-8.33E-10	-6.73E-08	2.15E-03	-6.49E+00	0.00E+00	0.00E+00	-6.60E-01	0.00E+00	3.65E-01	0.00E+00	1.72E-09	-1.50E-08	-9.53E-04	-2.12E-10	-9.13E-01	0.00E+00	3.65E-01	-1.45E-05	3.65E-01	-1.28E+00	-9.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.23E+01
WH36585349A	-5.29E-03	-6.84E-02	4.84E-04	-9.69E-02	0.00E+00	0.00E+00	-9.84E-01	-5.81E-04	-6.71E-05	-1.70E-03	0.00E+00	0.00E+00	-7.15E-10	-6.81E-08	1.22E-03	-3.74E+00	0.00E+00	0.00E+00	-6.43E-01	0.00E+00	1.99E-01	0.00E+00	1.54E-09	-1.02E-08	-8.71E-04	-2.12E-10	-5.98E-01	0.00E+00	1.99E-01	-1.34E-05	1.99E-01	-1.14E+00	-5.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.15E+01
WH36585349C	-5.15E-03	-7.09E-02	4.42E-04	-1.12E-01	0.00E+00	0.00E+00	-9.67E-01	-5.68E-04	-6.95E-05	-1.75E-03	0.00E+00	0.00E+00	-7.18E-10	-6.76E-08	-2.79E-02	-3.82E+00	0.00E+00	0.00E+00	-7.16E-01	0.00E+00	-9.88E-02	0.00E+00	1.25E-09	-1.00E-08	-8.83E-04	-2.12E-10	-6.73E-01	0.00E+00	-9.88E-02	-1.29E-05	-9.88E-02	-1.53E+00	-6.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
WH36585600A	-3.51E-03	-4.61E-02	-3.27E-05	-5.85E-02	0.00E+00	0.00E+00	-5.67E-01	-2.17E-04	1.63E-05	-1.13E-03	0.00E+00	0.00E+00	-5.93E-10	-2.71E-08	6.23E-04	-1.03E+00	0.00E+00	0.00E+00	-3.89E-01	0.00E+00	-3.43E-01	0.00E+00	1.14E-09	-7.09E-09	-4.05E-04	-2.12E-10	-2.25E-01	0.00E+00	-3.43E-01	-8.07E-06	-3.43E-01	-6.30E-01	-2.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.97E+01
WH36585600C	-1.30E-03	8.33E-02	2.85E-03	8.04E-02	0.00E+00	0.00E+00	3.03E-01	-1.83E-04	5.61E-05	3.11E-06	0.00E+00	0.00E+00	-1.14E-10	-1.97E-08	1.02E-02	-5.06E-01	0.00E+00	0.00E+00	2.64E-01	0.00E+00	1.49E+00	0.00E+00	1.13E-08	1.97E-09	1.57E-05	0.00E+00	-1.68E-02	0.00E+00	1.49E+00	-6.11E-06	1.49E+00	1.47E+00	-1.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E+00
WH36585600Q	-9.54E-04	-2.85E-01	-7.86E-04	-2.84E-01	0.00E+00	0.00E+00	-3.82E-01	-8.89E-05	5.66E-05	-1.46E-03	0.00E+00	0.00E+00	-7.67E-10	-8.24E-09	-1.90E-03	-1.70E+01	0.00E+00	0.00E+00	-6.16E-01	0.00E+00	-1.04E+00	0.00E+00	-4.93E-09	-1.54E-08	-5.42E-04	0.00E+00	-2.52E+00	0.00E+00	-1.04E+00	-4.35E-06	-1.04E+00	-3.55E+00	-2.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
WH36585603A	-2.25E-03	-4.14E-02	1.54E-04	-4.33E-02	0.00E+00	0.00E+00	-3.68E-01	-2.10E-04	3.36E-05	-9.37E-04	0.00E+00	0.00E+00	-4.78E-10	-2.35E-08	6.46E-04	-9.77E-01	0.00E+00	0.00E+00	-3.19E-01	0.00E+00	-3.19E-01	0.00E+00	1.08E-09	-5.87E-09	-3.93E-04	-2.12E-10	-1.97E-01	0.00E+00	-3.19E-01	-7.24E-06	-3.19E-01	-6.09E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.55E+01
WH36585603C	-2.49E-03	-4.58E-02	2.12E-04	-5.24E-02	0.00E+00	0.00E+00	-4.42E-01	-2.18E-04	3.29E-05	-1.23E-03	0.00E+00	0.00E+00	-5.15E-10	-2.53E-08	-7.01E-02	-1.13E+00	0.00E+00	0.00E+00	-4.67E-01	0.00E+00	-7.28E-01	0.00E+00	7.31E-10	-6.98E-09	-4.42E-04	-2.12E-10	-3.06E-01	0.00E+00	-7.28E-01	-8.55E-06	-7.28E-01	-1.05E+00	-3.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.02E+01
WH36585603Q	-2.51E-03	-3.77E-02	3.19E-05	-1.71E-02	0.00E+00	0.00E+00	-5.21E-01	-2.51E-04	-1.99E-06	-1.13E-03	0.00E+00	0.00E+00	-5.02E-10	-2.84E-08	1.38E-03	-2.14E+00	0.00E+00	0.00E+00	-3.37E-01	0.00E+00	-1.58E-01	0.00E+00	6.33E-09	-6.06E-09	-4.20E-04	-2.12E-10	-2.93E-01	0.00E+00	-1.58E-01	-7.84E-06	-1.58E-01	-2.36E-01	-2.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
WH36585605A	-2.25E-03	-4.14E-02	1.54E-04	-4.33E-02	0.00E+00	0.00E+00	-3.68E-01	-2.10E-04	3.36E-05	-9.37E-04	0.00E+00	0.00E+00	-4.78E-10	-2.35E-08	6.46E-04	-9.77E-01	0.00E+00	0.00E+00	-3.19E-01	0.00E+00	-3.19E-01	0.00E+00	1.08E-09	-5.87E-09	-3.93E-04	-2.12E-10	-1.97E-01	0.00E+00	-3.19E-01	-7.24E-06	-3.19E-01	-6.09E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.55E+01

WH36585605C	-2.49E-03	-4.58E-02	2.12E-04	-5.24E-02	0.00E+00	0.00E+00	-4.42E-01	-2.18E-04	3.29E-05	-1.23E-03	0.00E+00	0.00E+00	-5.15E-10	-2.53E-08	-7.01E-02	-1.13E+00	0.00E+00	0.00E+00	-4.67E-01	0.00E+00	-7.28E-01	0.00E+00	7.31E-10	-6.98E-09	-4.42E-04	-2.12E-10	-3.06E-01	0.00E+00	-7.28E-01	-8.55E-06	-7.28E-01	-1.05E+00	-3.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.02E+01
WH36585605Q	-2.51E-03	-4.30E-02	1.96E-05	-2.50E-02	0.00E+00	0.00E+00	-5.37E-01	-2.51E-04	-7.03E-06	-1.14E-03	0.00E+00	0.00E+00	-5.02E-10	-2.87E-08	1.35E-03	-2.58E+00	0.00E+00	0.00E+00	-3.61E-01	0.00E+00	-1.58E-01	0.00E+00	5.71E-09	-7.13E-09	-4.29E-04	-2.12E-10	-3.79E-01	0.00E+00	-1.58E-01	-7.84E-06	-1.58E-01	-5.71E-01	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
WH36585649A	-2.25E-03	-4.14E-02	1.54E-04	-4.33E-02	0.00E+00	0.00E+00	-3.68E-01	-2.10E-04	3.36E-05	-9.37E-04	0.00E+00	0.00E+00	-4.78E-10	-2.35E-08	6.46E-04	-9.77E-01	0.00E+00	0.00E+00	-3.19E-01	0.00E+00	-3.19E-01	0.00E+00	1.08E-09	-5.87E-09	-3.93E-04	-2.12E-10	-1.97E-01	0.00E+00	-3.19E-01	-7.24E-06	-3.19E-01	-6.09E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.55E+01
WH36585649C	-2.49E-03	-4.58E-02	2.12E-04	-5.24E-02	0.00E+00	0.00E+00	-4.42E-01	-2.18E-04	3.29E-05	-1.23E-03	0.00E+00	0.00E+00	-5.15E-10	-2.53E-08	-7.01E-02	-1.13E+00	0.00E+00	0.00E+00	-4.67E-01	0.00E+00	-7.28E-01	0.00E+00	7.31E-10	-6.98E-09	-4.42E-04	-2.12E-10	-3.06E-01	0.00E+00	-7.28E-01	-8.55E-06	-7.28E-01	-1.05E+00	-3.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.02E+01
WH36585649Q	-2.51E-03	-3.77E-02	3.19E-05	-1.71E-02	0.00E+00	0.00E+00	-5.21E-01	-2.51E-04	-1.99E-06	-1.13E-03	0.00E+00	0.00E+00	-5.02E-10	-2.84E-08	1.38E-03	-2.14E+00	0.00E+00	0.00E+00	-3.37E-01	0.00E+00	-1.58E-01	0.00E+00	6.33E-09	-6.06E-09	-4.20E-04	-2.12E-10	-2.93E-01	0.00E+00	-1.58E-01	-7.84E-06	-1.58E-01	-2.36E-01	-2.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
WH36586300A	-3.20E-03	-6.09E-02	2.66E-04	-3.23E-02	0.00E+00	0.00E+00	-6.20E-01	-3.44E-04	-4.10E-05	-1.78E-03	0.00E+00	0.00E+00	-5.08E-10	-3.91E-08	1.12E-03	-2.56E+00	0.00E+00	0.00E+00	-6.96E-01	0.00E+00	1.29E-01	0.00E+00	5.40E-09	-6.61E-09	-6.64E-04	-2.12E-10	-2.83E-01	0.00E+00	1.29E-01	-1.18E-05	1.29E-01	-3.15E-01	-2.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
WH36586300C	-3.26E-03	-7.27E-02	2.62E-04	-7.50E-02	0.00E+00	0.00E+00	-6.02E-01	-3.39E-04	-4.33E-05	-1.78E-03	0.00E+00	0.00E+00	-5.43E-10	-3.96E-08	-3.23E-02	-2.98E+00	0.00E+00	0.00E+00	-8.20E-01	0.00E+00	-4.11E-01	0.00E+00	5.09E-09	-6.86E-09	-7.16E-04	-2.12E-10	-4.10E-01	0.00E+00	-4.11E-01	-1.17E-05	-4.11E-01	-1.03E+00	-4.10E-01	0.00E+00	0.00E+00	0.00E+00	-3.57E+01
WH36586300Q	-2.71E-03	-1.04E-01	2.66E-04	-1.57E-01	0.00E+00	0.00E+00	6.13E-02	-2.78E-04	5.53E-05	-2.40E-03	0.00E+00	0.00E+00	-4.25E-10	-3.33E-08	4.39E-04	-9.21E+00	0.00E+00	0.00E+00	-8.05E-01	0.00E+00	-2.18E-01	0.00E+00	1.81E-09	-1.13E-08	-7.33E-04	-2.12E-10	-1.58E+00	0.00E+00	-2.18E-01	-7.37E-06	-2.18E-01	-3.01E+00	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	-6.89E+01
WH36586303A	-2.72E-03	-6.90E-02	5.27E-04	-3.18E-02	0.00E+00	0.00E+00	-5.14E-01	-3.43E-04	-2.64E-05	-1.52E-03	0.00E+00	0.00E+00	-4.21E-10	-3.36E-08	5.01E-04	-2.41E+00	0.00E+00	0.00E+00	-6.54E-01	0.00E+00	1.36E-01	0.00E+00	2.92E-09	-6.54E-09	-5.77E-04	-2.12E-10	-2.77E-01	0.00E+00	1.36E-01	-1.08E-05	1.36E-01	-2.45E-01	-2.77E-01	0.00E+00	0.00E+00	0.00E+00	-2.11E+01
WH36586303C	-2.64E-03	-8.28E-02	4.79E-04	-7.20E-02	0.00E+00	0.00E+00	-4.83E-01	-3.28E-04	-2.80E-05	-1.52E-03	0.00E+00	0.00E+00	-4.51E-10	-3.30E-08	-3.33E-02	-2.81E+00	0.00E+00	0.00E+00	-7.70E-01	0.00E+00	-3.59E-01	0.00E+00	2.36E-09	-6.78E-09	-6.11E-04	-2.12E-10	-4.17E-01	0.00E+00	-3.59E-01	-1.06E-05	-3.59E-01	-9.18E-01	-4.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
WH36586303Q	-3.10E-03	-5.34E-02	2.25E-04	-1.26E-01	0.00E+00	0.00E+00	-6.99E-01	-3.83E-04	-7.33E-05	-2.24E-03	0.00E+00	0.00E+00	-4.57E-10	-4.36E-08	6.03E-05	-9.95E+00	0.00E+00	0.00E+00	-6.49E-01	0.00E+00	2.01E-01	0.00E+00	1.11E-09	-1.09E-08	-7.36E-04	-2.12E-10	-1.53E+00	0.00E+00	2.01E-01	-1.17E-05	2.01E-01	-2.36E+00	-1.53E+00	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
WH36586305A	-2.72E-03	-6.22E-02	5.27E-04	-2.93E-02	0.00E+00	0.00E+00	-5.26E-01	-3.43E-04	-2.64E-05	-1.52E-03	0.00E+00	0.00E+00	-4.21E-10	-3.39E-08	9.43E-04	-2.43E+00	0.00E+00	0.00E+00	-6.54E-01	0.00E+00	1.36E-01	0.00E+00	3.03E-09	-6.54E-09	-5.67E-04	-2.12E-10	-2.77E-01	0.00E+00	1.36E-01	-1.08E-05	1.36E-01	-2.45E-01	-2.77E-01	0.00E+00	0.00E+00	0.00E+00	-2.11E+01
WH36586305C	-2.64E-03	-7.45E-02	4.79E-04	-6.95E-02	0.00E+00	0.00E+00	-4.94E-01	-3.28E-04	-2.80E-05	-1.52E-03	0.00E+00	0.00E+00	-4.51E-10	-3.33E-08	-3.32E-02	-2.81E+00	0.00E+00	0.00E+00	-7.70E-01	0.00E+00	-3.59E-01	0.00E+00	2.47E-09	-6.78E-09	-6.01E-04	-2.12E-10	-4.17E-01	0.00E+00	-3.59E-01	-1.06E-05	-3.59E-01	-9.18E-01	-4.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
WH36586305Q	-3.07E-03	-1.00E-01	7.91E-04	-1.42E-01	0.00E+00	0.00E+00	-6.06E-01	-3.14E-04	6.25E-05	-2.26E-03	0.00E+00	0.00E+00	-4.64E-10	-3.58E-08	2.18E-04	-9.69E+00	0.00E+00	0.00E+00	-6.58E-01	0.00E+00	2.01E-02	0.00E+00	1.24E-09	-1.09E-08	-7.21E-04	-2.12E-10	-1.56E+00	0.00E+00	2.01E-02	-9.67E-06	2.01E-02	-2.93E+00	-1.56E+00	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
WH36586349A	-2.72E-03	-6.90E-02	5.27E-04	-3.18E-02	0.00E+00	0.00E+00	-5.14E-01	-3.43E-04	-2.64E-05	-1.52E-03	0.00E+00	0.00E+00	-4.21E-10	-3.36E-08	5.01E-04	-2.41E+00	0.00E+00	0.00E+00	-6.54E-01	0.00E+00	1.36E-01	0.00E+00	2.92E-09	-6.54E-09	-5.77E-04	-2.12E-10	-2.77E-01	0.00E+00	1.36E-01	-1.08E-05	1.36E-01	-2.45E-01	-2.77E-01	0.00E+00	0.00E+00	0.00E+00	-2.11E+01
WH36586349C	-2.64E-03	-8.28E-02	4.79E-04	-7.20E-02	0.00E+00	0.00E+00	-4.83E-01	-3.28E-04	-2.80E-05	-1.52E-03	0.00E+00	0.00E+00	-4.51E-10	-3.30E-08	-3.33E-02	-2.81E+00	0.00E+00	0.00E+00	-7.70E-01	0.00E+00	-3.59E-01	0.00E+00	2.36E-09	-6.78E-09	-6.11E-04	-2.12E-10	-4.17E-01	0.00E+00	-3.59E-01	-1.06E-05	-3.59E-01	-9.18E-01	-4.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
WH36586349Q	-3.10E-03	-5.34E-02	2.25E-04	-1.26E-01	0.00E+00	0.00E+00	-6.99E-01	-3.83E-04	-7.33E-05	-2.24E-03	0.00E+00	0.00E+00	-4.57E-10	-4.36E-08	6.03E-05	-9.95E+00	0.00E+00	0.00E+00	-6.49E-01	0.00E+00	2.01E-01	0.00E+00	1.11E-09	-1.09E-08	-7.36E-04	-2.12E-10	-1.53E+00	0.00E+00	2.01E-01	-1.17E-05	2.01E-01	-2.36E+00	-1.53E+00	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
WH36586400A	-3.18E-03	-6.16E-02	2.15E-04	-3.13E-02	0.00E+00	0.00E+00	-6.28E-01	-3.41E-04	-2.93E-05	-1.97E-03	0.00E+00	0.00E+00	-5.02E-10	-3.83E-08	1.14E-03	-2.65E+00	0.00E+00	0.00E+00	-6.95E-01	0.00E+00	1.81E-01	0.00E+00	5.40E-09	-6.77E-09	-6.73E-04	-2.12E-10	-2.80E-01	0.00E+00	1.81E-01	-1.18E-05	1.81E-01	-2.82E-01	-2.80E-01	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
WH36586405A	-2.63E-03	-2.92E-02	4.63E-04	-7.29E-03	0.00E+00	0.00E+00	-5.37E-01	-3.30E-04	-7.65E-06	-1.71E-03	0.00E+00	0.00E+00	-3.98E-10	-3.33E-08	1.11E-03	-2.26E+00	0.00E+00	0.00E+00	-6.74E-01	0.00E+00	1.44E-01	0.00E+00	2.46E-09	-6.76E-09	-5.55E-04	-2.12E-10	-3.17E-01	0.00E+00	1.44E-01	-1.05E-05	1.44E-01	-1.76E-01	-3.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.33E+01
WH36586405C	-2.56E-03	-7.52E-02	3.94E-04	-6.85E-02	0.00E+00	0.00E+00	-4.97E-01	-3.19E-04	-5.23E-06	-1.78E-03	0.00E+00	0.00E+00	-4.42E-10	-3.34E-08	-3.32E-02	-2.89E+00	0.00E+00	0.00E+00	-7.76E-01	0.00E+00	-3.27E-01	0.00E+00	2.31E-09	-7.03E-09	-6.26E-04	-2.12E-10	-4.32E-01	0.00E+00	-3.27E-01	-1.05E-05	-3.27E-01	-9.33E-01	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
WH36586405Q	-2.85E-03	-4.95E-02	2.21E-04	-1.23E-01	0.00E+00	0.00E+00	-6.23E-01	-3.01E-04	7.32E-05	-1.94E-03	0.00E+00	0.00E+00	-4.29E-10	-3.59E-08	2.94E-04	-8.13E+00	0.00E+00	0.00E+00	-6.99E-01	0.00E+00	7.26E-02	0.00E+00	1.11E-09	-1.13E-08	-7.06E-04	-2.12E-10	-1.30E+00	0.00E+00	7.26E-02	-9.84E-06	7.26E-02	-2.60E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
WH36587600A	-2.56E-03	2.77E-03	3.85E-04	3.71E-03	0.00E+00	0.00E+00	-4.24E-01	-1.62E-04	6.72E-05	-7.10E-04	0.00E+00	0.00E+00	-2.65E-10	-1.84E-08	6.13E-04	-6.79E-01	0.00E+00	0.00E+00	-2.54E-01	0.00E+00	2.86E-02	0.00E+00	1.61E-09	-2.68E-09	-2.04E-04	-2.12E-10	-6.39E-02	0.00E+00	2.86E-02	-5.91E-06	2.86E-02	-1.85E-01	-6.39E-02	0.00E+00	0.00E+00	0.00E+00	-8.75E+00
WH36587600C	-2.85E-03	-1.97E-02	3.17E-04	-3.22E-02	0.00E+00	0.00E+00	-5.44E-01	-1.87E-04	5.46E-05	-1.20E-03	0.00E+00	0.00E+00	-3.73E-10	-2.21E-08	-6.83E-02	-9.17E-01	0.00E+00	0.00E+00	-4.43E-01	0.00E+00	-5.80E-01	0.00E+00	1.22E-09	-4.12E-09	-2.42E-04	-2.12E-10	-1.81E-01	0.00E+00	-5.80E-01	-8.30E-06	-5.80E-01	-8.03E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-1.56E+01
WH36587600Q	-3.09E-03	1.41E-02	3.78E-04	-1.18E-02	0.00E+00	0.00E+00	-5.54E-01	-2.18E-04	4.86E-05	-8.30E-04	0.00E+00	0.00E+00	-3.40E-10	-2.40E-08	1.60E-03	-1.27E+00	0.00E+00	0.00E+00	-3.16E-01	0.00E+00	9.76E-02	0.00E+00	6.16E-09	-3.90E-09	-2.89E-04	-2.12E-10	-1.28E-01	0.00E+00	9.76E-02	-6.86E-06	9.76E-02	-1.34E-01	-1.28E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+01
WH36587603A	-1.71E-03	2.36E-03	3.94E-04	7.56E-03	0.00E+00	0.00E+00	-3.29E-01	-1.65E-04	5.55E-05	-6.27E-04	0.00E+00	0.00E+00	-2.47E-10	-1.72E-08	5.28E-04	-6.50E-01	0.00E+00	0.00E+00	-2.02E-01	0.00E+00	2.94E-02	0.00E+00	1.33E-09	-1.97E-09	-2.45E-04	-2.12E-10	-6.31E-02	0.00E+00	2.94E-02	-5.67E-06	2.94E-02	-1.68E-01	-6.31E-02	0.00E+00	0.00E+00	0.00E+00	-6.01E+00
WH36587603C	-2.18E-03	-2.05E-02	3.53E-04	-2.96E-02	0.00E+00	0.00E+00	-4.40E-01	-1.84E-04	4.17E-05	-1.09E-03	0.00E+00	0.00E+00	-3.46E-10	-2.04E-08	-6.92E-02	-8.60E-01	0.00E+00	0.00E+00	-3.66E-01	0.00E+00	-5.31E-01	0.00E+00	9.60E-10	-3.57E-09	-2.86E-04	-2.12E-10	-1.81E-01	0.00E+00	-5.31E-01	-8.04E-06	-5.31E-01	-7.29E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+01
WH36587603Q	-2.19E-03	-1.27E-03	3.42E-04	-1.34E-02	0.00E+00	0.00E+00	-4.40E-01	-2.21E-04	3.93E-05	-7.33E-04	0.00E+00	0.00E+00	-3.08E-10	-2.23E-08	1.36E-03	-1.23E+00	0.00E+00	0.00E+00	-2.61E-01	0.00E+00	8.96E-02	0.00E+00	5.66E-09	-2.93E-09	-3.36E-04	-2.12E-10	-1.27E-01	0.00E+00	8.96E-02	-6.46E-06	8.96E-02	-1.70E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
WH36587605A	-1.71E-03	2.36E-03	3.94E-04	7.56E-03	0.00E+00	0.00E+00	-3.29E-01	-1.65E-04	5.55E-05	-6.27E-04	0.00E+00	0.00E+00	-2.47E-10	-1.72E-08	5.28E-04	-6.50E-01	0.00E+00	0.00E+00	-2.02E-01	0.00E+00	2.94E-02	0.00E+00	1.33E-09	-1.97E-09	-2.45E-04	-2.12E-10	-6.31E-02	0.00E+00	2.94E-02	-5.67E-06	2.94E-02	-1.68E-01	-6.31E-02	0.00E+00	0.00E+00	0.00E+00	-6.01E+00
WH36587605C	-2.18E-03	-2.05E-02	3.53E-04	-2.96E-02	0.00E+00	0.00E+00	-4.40E-01	-1.84E-04	4.17E-05	-1.09E-03	0.00E+00	0.00E+00	-3.46E-10	-2.04E-08	-6.92E-02	-8.60E-01	0.00E+00	0.00E+00	-3.66E-01	0.00E+00	-5.31E-01	0.00E+00	9.60E-10	-3.57E-09	-2.86E-04	-2.12E-10	-1.81E-01	0.00E+00	-5.31E-01	-8.04E-06	-5.31E-01	-7.29E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+01
WH36587605Q	-2.19E-03	-1.27E-03	3.42E-04	-1.34E-02	0.00E+00	0.00E+00	-4.40E-01	-2.21E-04	3.93E-05	-7.33E-04	0.00E+00	0.00E+00	-3.08E-10	-2.23E-08	1.33E-03	-1.23E+00	0.00E+00	0.00E+00	-2.61E-01	0.00E+00	8.96E-02	0.00E+00	5.66E-09	-3.00E-09	-3.36E-04	-2.12E-10	-1.27E-01	0.00E+00	8.96E-02	-6.46E-06	8.96E-02	-1.70E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
WH36587649Q	-4.95E-03	-1.92E-01	4.31E-04	-1.21E-01	0.00E+00	0.00E+00	-1.09E+00	-6.09E-04	-5.59E-05	-1.81E-03	0.00E+00	0.00E+00	-7.53E-10	-6.68E-08	1.13E-03	-4.65E+00	0.00E+00	0.00E+00	-5.17E-01	0.00E+00	7.45E-02	0.00E+00	1.47E-09	-1.44E-08	-8.82E-04	-2.12E-10	-6.38E-01	0.00E+00	7.45E-02	-1.44E-05	7.45E-02	-1.31E+00	-6.38E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
WH36592200A	-3.50E-03	-5.17E-02	-7.97E-05	-6.41E-02	0.00E+00	0.00E+00	-5.49E-01	-2.42E-04	2.05E-05	-1.07E-03	0.00E+00	0.00E+00	-6.28E-10	-2.64E-08	6.06E-04	-1.39E+00	0.00E+00	0.00E+00	-4.13E-01	0.00E+00	-3.75E-01	0.00E+00	1.42E-09	-7.36E-09	-4.05E-04	-2.12E-10	-2.34E-01	0.00E+00	-3.75E-01	-8.66E-06	-3.75E-01	-6.77E-01	-2.34E-01	0.00E+00	0.00E+00	0.00E+00	-2.06E+01
WH36592200C	-4.24E-03	-6.30E-02	-2.45E-04	-7.61E-02	0.00E+00	0.00E+00	-7.14E-01	-3.24E-04	-6.14E-05	-1.73E-03	0.00E+00	0.00E+00	-8.65E-10	-3.45E-08	-8.49E-02	-1.82E+00	0.00E+00	0.00E+00	-9.79E-01	0.00E+00	-7.53E-01	0.00E+00	1.07E-09	-1.03E-08	-7.87E-04	-2.12E-10	-4.57E-01	0.00E+00	-7.53E-01	-1.18E-05	-7.53E-01	-1.36E+00	-4.57E-01	0.00E+00	0.00E+00	0.00E+00	-4.25E+01
WH36592200Q	-4.31E-03	-1.01E-01	-3.50E-04	-7.31E-02	0.00E+00	0.00E+00	-8.82E-01	-3.67E-04	-1.05E-04	-2.40E-03	0.00E+00	0.00E+00	-8.29E-10	-4.04E-08	3.63E-06	-1.03E+01	0.00E+00	0.00E+00	-7.43E-01	0.00E+00	-2.42E-01	0.00E+00	-5.17E-10	-1.36E-08	-7.53E-04	-2.12E-10	-1.56E+00	0.00E+00	-2.42E-01	-1.35E-05	-2.42E-01	-1.57E+00	-1.56E+00	0.00E+00	0.00E+00	0.00E+00	-3.87E+01
WH36592203A	-2.30E-03	-4.64E-02	1.01E-04	-4.67E-02	0.00E+00	0.00E+00	-3.73E-01	-2.33E-04	3.12E-05	-9.44E-04	0.00E+00	0.00E+00	-5.07E-10	-2.38E-08	6.84E-04	-1.10E+00	0.00E+00	0.00E+00	-3.44E-01	0.00E+00	-3.51E-01	0.00E+00	1.42E-09	-6.21E-09	-3.90E-04	-2.12E-10	-2.05E-01	0.00E+00	-3.51E-01	-7.87E-06	-3.51E-01	-6.42E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
WH36592203C	-3.27E-03	-5.68E-02	-6.75E-05	-6.15E-02	0.00E+00	0.00E+00	-5.30E-01	-3.00E-04	-4.24E-05	-1.48E-03	0.00E+00	0.00E+00	-7.07E-10	-3.20E-08	-7.70E-02	-1.51E+00	0.00E+00	0.00E+00	-8.90E-01	0.00E+00	-7.65E-01	0.00E+00	1.08E-09	-9.39E-09	-6.97E-04	-2.12E-10	-4.32E-01	0.00E+00	-7.65E-01	-1.08E-05	-7.65E-01	-1.23E+00	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	-3.70E+01
WH36592203Q	-3.65E-03	-6.96E-02	-1.59E-04	-2.22E-02	0.00E+00	0.00E+00	-7.94E-01	-3.78E-04	-8.35E-05	-2.11E-03	0.00E+00	0.00E+00	-7.14E-10	-3.94E-08	7.67E-04	-5.95E+00	0.00E+00	0.00E+00	-7.09E-01	0.00E+00	-1.31E-01	0.00E+00	8.04E-09	-1.17E-08	-7.05E-04	-2.12E-10	-9.74E-01	0.00E+00	-1.31E-01	-1.41E-05	-1.31E-01	-3.57E-01	-9.74E-01	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
WH36592205A	-2.30E-03	-4.64E-02	1.01E-04	-4.67E-02	0.00E+00	0.00E+00	-3.73E-01	-2.33E-04	3.12E-05	-9.44E-04	0.00E+00	0.00E+00	-5.07E-10	-2.38E-08	6.84E-04	-1.10E+00	0.00E+00	0.00E+00	-3.44E-01	0.00E+00	-3.51E-01	0.00E+00	1.42E-09	-6.21E-09	-3.90E-04	-2.12E-10	-2.05E-01	0.00E+00	-3.51E-01	-7.87E-06	-3.51E-01	-6.42E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
WH36592205C	-2.55E-03	-5.33E-02	1.34E-04	-5.84E-02	0.00E+00	0.00E+00	-4.58E-01	-2.41E-04	2.94E-05	-1.24E-03	0.00E+00	0.00E+00	-5.43E-10	-2.58E-08	-7.70E-02	-1.31E+00	0.00E+00	0.00E+00	-4.88E-01	0.00E+00	-7.52E-01	0.00E+00	1.07E-09	-7.27E-09	-4.51E-04	-2.12E-10	-3.54E-01	0.00E+00	-7.52E-01	-9.15E-06	-7.52E-01	-1.19E+00	-3.54E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
WH36592205Q	-2.56E-03	-4.86E-02	4.39E-05	-2.63E-02	0.00E+00	0.00E+00	-5.41E-01	-2.80E-04	-1.07E-05	-1.15E-03	0.00E+00	0.00E+00	-5.31E-10	-2.96E-08	1.47E-03	-2.73E+00	0.00E+00	0.00E+00	-3.82E-01	0.00E+00	-1.76E-01	0.00E+00	5.98E-09	-7.38E-09	-4.22E-04	-2.12E-10	-3.87E-01	0.00E+00	-1.76E-01	-8.55E-06	-1.76E-01	-6.08E-01	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
WH36592249A	-2.30E-03	-4.64E-02	1.01E-04	-4.67E-02	0.00E+00	0.00E+00	-3.73E-01	-2.33E-04	3.12E-05	-9.44E-04	0.00E+00	0.00E+00	-5.07E-10	-2.38E-08	6.84E-04	-1.10E+00	0.00E+00	0.00E+00	-3.44E-01	0.00E+00	-3.51E-01	0.00E+00	1.42E-09	-6.21E-09	-3.90E-04	-2.12E-10	-2.05E-01	0.00E+00	-3.51E-01	-7.87E-06	-3.51E-01	-6.42E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
WH36592249C	-2.55E-03	-5.33E-02	1.34E-04	-5.84E-02	0.00E+00	0.00E+00	-4.58E-01	-2.41E-04	2.94E-05	-1.24E-03	0.00E+00	0.00E+00	-5.43E-10	-2.58E-08	-7.70E-02	-1.31E+00	0.00E+00	0.00E+00	-4.88E-01	0.00E+00	-7.52E-01	0.00E+00	1.07E-09	-7.27E-09	-4.51E-04	-2.12E-10	-3.54E-01	0.00E+00	-7.52E-01	-9.15E-06	-7.52E-01	-1.19E+00	-3.54E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
WH36592249Q	-2.56E-03	-4.32E-02	5.62E-05	-1.84E-02	0.00E+00	0.00E+00	-5.25E-01	-2.80E-04	-5.64E-06	-1.14E-03	0.00E+00	0.00E+00	-5.31E-10	-2.94E-08	1.51E-03	-2.29E+00	0.00E+00	0.00E+00	-3.58E-01	0.00E+00	-1.76E-01	0.00E+00	6.60E-09	-6.36E-09	-4.13E-04	-2.12E-10	-3.01E-01	0.00E+00	-1.76E-01	-8.55E-06	-1.76E-01	-2.73E-01	-3.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
WH36593200A	-5.24E-03	-5.96E-02	2.84E-04	-1.22E-01	0.00E+00	0.00E+00	-9.34E-01	-5.06E-04	-7.83E-05	-1.97E-03	0.00E+00	0.00E+00	-6.50E-10	-5.66E-08	5.79E-04	-2.23E+00	0.00E+00	0.00E+00	-7.44E-01	0.00E+00	1.07E-01	0.00E+00	8.87E-10	-1.02E-08	-8.00E-04	-2.12E-10	-3.92E-01	0.00E+00	1.07E-01	-1.27E-05	1.07E-01	-1.32E+00	-3.92E-01	0.00E+00	0.00E+00	0.00E+00	-3.10E+01
WH36593200C	-6.26E-03	-8.18E-02	2.38E-04	-1.45E-01	0.00E+00	0.00E+00	-1.09E+00	-5.95E-04	-7.37E-05	-2.21E-03	0.00E+00	0.00E+00	-7.69E-10	-6.95E-08	-3.76E-02	-4.33E+00	0.00E+00	0.00E+00	-7.81E-01	0.00E+00	-6.97E-02	0.00E+00	1.48E-09	-1.11E-08	-9.92E-04	-2.12E-10	-7.45E-01	0.00E+00	-6.97E-02	-1.37E-05	-6.97E-02	-1.82E+00	-7.45E-01	0.00E+00	0.00E+00	0.00E+00	-4.26E+01
WH36593200Q	-6.17E-03	-2.31E-01	5.17E-04	-1.88E-01	0.00E+00	0.00E+00	-1.13E+00	-5.72E-04	-1.30E-04	-2.53E-03	0.00E+00	0.00E+00	-8.36E-10	-6.65E-08	8.82E-04	-1.13E+01	0.00E+00	0.00E+00	-7.32E-01	0.00E+00	3.23E-03	0.00E+00	-8.57E-10	-1.48E-08	-1.02E-03	-2.12E-10	-2.31E+00	0.00E+00	3.23E-03	-1.45E-05	3.23E-03	-2.35E+00	-2.31E+00	0.00E+00	0.00E+00	0.00E+00	-3.72E+01
WH36593203A	-4.24E-03	-4.59E-02	4.94E-04	-1.16E-01	0.00E+00	0.00E+00	-8.61E-01	-4.93E-04	-6.40E-05	-1.68E-03	0.00E+00	0.00E+00	-5.96E-10	-5.41E-08	-6.19E-05	-2.24E+00	0.00E+00	0.00E+00	-6.94E-01	0.00E+00	1.59E-01	0.00E+00	1.33E-09	-8.73E-09	-6.96E-04	-2.12E-10	-3.86E-01	0.00E+00	1.59E-01	-1.18E-05	1.59E-01	-1.30E+00	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-2.49E+01
WH36593203C	-5.43E-03	-6.74E-02	4.73E-04	-1.36E-01	0.00E+00	0.00E+00	-1.07E+00	-5.95E-04	-7.38E-05	-1.99E-03	0.00E+00	0.00E+00	-7.16E-10	-6.97E-08	-3.57E-02	-4.42E+00	0.00E+00	0.00E+00	-7.39E-01	0.00E+00	-3.67E-04	0.00E+00	1.83E-09	-1.02E-08	-9.14E-04	-2.12E-10	-7.36E-01	0.00E+00	-3.67E-04	-1.31E-05	-3.67E-04	-1.73E+00	-7.36E-01	0.00E+00	0.00E+00	0.00E+00	-2.94E+01
WH36593203Q	-6.04E-03	-2.20E-01	7.95E-04	-1.74E-01	0.00E+00	0.00E+00	-1.15E+00	-5.82E-04	-1.30E-04	-2.28E-03	0.00E+00	0.00E+00	-8.25E-10	-6.66E-08	5.07E-04	-1.06E+01	0.00E+00	0.00E+00	-6.97E-01	0.00E+00	5.36E-02	0.00E+00	-4.32E-10	-1.44E-08	-9.81E-04	-2.12E-10	-1.83E+00	0.00E+00	5.36E-02	-1.43E-05	5.36E-02	-2.15E+00	-1.83E+00	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
WH36593205A	-4.24E-03	-4.59E-02	4.94E-04	-1.16E-01	0.00E+00	0.00E+00	-8.61E-01	-4.93E-04	-6.40E-05	-1.68E-03	0.00E+00	0.00E+00	-5.96E-10	-5.41E-08	-6.19E-05	-2.24E+00	0.00E+00	0.00E+00	-6.94E-01	0.00E+00	1.59E-01	0.00E+00	1.33E-09	-8.73E-09	-6.96E-04	-2.12E-10	-3.86E-01	0.00E+00	1.59E-01	-1.18E-05	1.59E-01	-1.30E+00	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-2.49E+01
WH36593205C	-5.43E-03	-6.74E-02	4.73E-04	-1.36E-01	0.00E+00	0.00E+00	-1.07E+00	-5.95E-04	-7.38E-05	-1.99E-03	0.00E+00	0.00E+00	-7.16E-10	-6.97E-08	-3.57E-02	-4.42E+00	0.00E+00	0.00E+00	-7.39E-01	0.00E+00	-3.67E-04	0.00E+00	1.83E-09	-1.02E-08	-9.14E-04	-2.12E-10	-7.36E-01	0.00E+00	-3.67E-04	-1.31E-05	-3.67E-04	-1.73E+00	-7.36E-01	0.00E+00	0.00E+00	0.00E+00	-2.94E+01
WH36593205Q	-6.04E-03	-2.20E-01	7.72E-04	-1.74E-01	0.00E+00	0.00E+00	-1.12E+00	-5.82E-04	-1.30E-04	-2.28E-03	0.00E+00	0.00E+00	-8.25E-10	-6.63E-08	5.07E-04	-1.06E+01	0.00E+00	0.00E+00	-6.97E-01	0.00E+00	5.36E-02	0.00E+00	-4.32E-10	-1.44E-08	-9.81E-04	-2.12E-10	-1.83E+00	0.00E+00	5.36E-02	-1.42E-05	5.36E-02	-2.15E+00	-1.83E+00	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
WH36593249A	-4.24E-03	-4.59E-02	4.94E-04	-1.16E-01	0.00E+00	0.00E+00	-8.61E-01	-4.93E-04	-6.40E-05	-1.68E-03	0.00E+00	0.00E+00	-5.96E-10	-5.41E-08	-6.19E-05	-2.24E+00	0.00E+00	0.00E+00	-6.94E-01	0.00E+00	1.59E-01	0.00E+00	1.33E-09	-8.73E-09	-6.96E-04	-2.12E-10	-3.86E-01	0.00E+00	1.59E-01	-1.18E-05	1.59E-01	-1.30E+00	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-2.49E+01
WH36593249Q	-6.04E-03	-2.20E-01	7.95E-04	-1.74E-01	0.00E+00	0.00E+00	-1.15E+00	-5.82E-04	-1.30E-04	-2.28E-03	0.00E+00	0.00E+00	-8.25E-10	-6.66E-08	5.07E-04	-1.06E+01	0.00E+00	0.00E+00	-6.97E-01	0.00E+00	5.36E-02	0.00E+00	-4.32E-10	-1.44E-08	-9.81E-04	-2.12E-10	-1.83E+00	0.00E+00	5.36E-02	-1.43E-05	5.36E-02	-2.15E+00	-1.83E+00	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
WH36593300A	-3.51E-03	-1.81E-02	5.40E-04	1.90E-02	0.00E+00	0.00E+00	-7.70E-01	-3.41E-04	-4.41E-05	-2.00E-03	0.00E+00	0.00E+00	-5.49E-10	-3.95E-08	2.50E-03	-3.04E+00	0.00E+00	0.00E+00	-8.17E-01	0.00E+00	2.92E-01	0.00E+00	8.46E-09	-6.72E-09	-6.57E-04	-2.12E-10	-3.36E-01	0.00E+00	2.92E-01	-1.20E-05	2.92E-01	1.72E-01	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-3.54E+01
WH36593300C	-3.51E-03	-3.26E-02	5.10E-04	-1.69E-02	0.00E+00	0.00E+00	-7.33E-01	-3.46E-04	-2.11E-05	-2.06E-03	0.00E+00	0.00E+00	-5.87E-10	-3.96E-08	-1.36E-02	-3.40E+00	0.00E+00	0.00E+00	-9.83E-01	0.00E+00	-2.00E-01	0.00E+00	8.11E-09	-6.95E-09	-7.08E-04	-2.12E-10	-4.98E-01	0.00E+00	-2.00E-01	-1.18E-05	-2.00E-01	-4.78E-01	-4.98E-01	0.00E+00	0.00E+00	0.00E+00	-4.34E+01
WH36593300Q	-3.68E-03	-1.20E-01	-3.26E-04	-1.37E-01	0.00E+00	0.00E+00	4.62E-02	-2.37E-04	1.54E-04	-2.67E-03	0.00E+00	0.00E+00	-4.05E-10	-3.33E-08	-1.12E-02	-8.09E+00	0.00E+00	0.00E+00	-9.52E-01	0.00E+00	-1.10E-01	0.00E+00	1.73E-09	-1.11E-08	-5.78E-04	-2.12E-10	-1.43E+00	0.00E+00	-1.10E-01	-9.23E-06	-1.10E-01	-2.16E+00	-1.43E+00	0.00E+00	0.00E+00	0.00E+00	-9.60E+01
WH36593303A	-3.00E-03	-1.75E-02	6.65E-04	2.39E-02	0.00E+00	0.00E+00	-6.65E-01	-3.36E-04	-3.32E-05	-1.78E-03	0.00E+00	0.00E+00	-4.59E-10	-3.72E-08	2.46E-03	-2.96E+00	0.00E+00	0.00E+00	-7.94E-01	0.00E+00	3.01E-01	0.00E+00	9.00E-09	-6.49E-09	-5.69E-04	-2.12E-10	-3.42E-01	0.00E+00	3.01E-01	-1.14E-05	3.01E-01	2.13E-01	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
WH36593303C	-2.84E-03	-3.24E-02	6.87E-04	-1.15E-02	0.00E+00	0.00E+00	-6.32E-01	-3.26E-04	-1.14E-05	-1.82E-03	0.00E+00	0.00E+00	-4.89E-10	-3.65E-08	-1.32E-02	-3.29E+00	0.00E+00	0.00E+00	-9.54E-01	0.00E+00	-1.57E-01	0.00E+00	8.57E-09	-6.59E-09	-6.18E-04	-2.12E-10	-5.12E-01	0.00E+00	-1.57E-01	-1.08E-05	-1.57E-01	-3.66E-01	-5.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.98E+01
WH36593305A	-3.00E-03	-1.75E-02	6.65E-04	2.39E-02	0.00E+00	0.00E+00	-6.65E-01	-3.36E-04	-3.32E-05	-1.78E-03	0.00E+00	0.00E+00	-4.59E-10	-3.72E-08	2.59E-03	-2.96E+00	0.00E+00	0.00E+00	-7.94E-01	0.00E+00	3.01E-01	0.00E+00	9.00E-09	-6.49E-09	-5.69E-04	-2.12E-10	-3.42E-01	0.00E+00	3.01E-01	-1.14E-05	3.01E-01	2.13E-01	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
WH36593305C	-2.84E-03	-3.24E-02	6.87E-04	-1.15E-02	0.00E+00	0.00E+00	-6.32E-01	-3.26E-04	-1.14E-05	-1.82E-03	0.00E+00	0.00E+00	-4.89E-10	-3.65E-08	-1.32E-02	-3.29E+00	0.00E+00	0.00E+00	-9.54E-01	0.00E+00	-1.57E-01	0.00E+00	8.57E-09	-6.59E-09	-6.18E-04	-2.12E-10	-5.12E-01	0.00E+00	-1.57E-01	-1.08E-05	-1.57E-01	-3.66E-01	-5.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.98E+01
WH36593305Q	-2.59E-03	-7.34E-02	-1.36E-04	-1.32E-01	0.00E+00	0.00E+00	8.67E-02	-2.70E-04	1.64E-04	-2.09E-03	0.00E+00	0.00E+00	-3.79E-10	-3.39E-08	-3.26E-03	-8.05E+00	0.00E+00	0.00E+00	-9.48E-01	0.00E+00	-1.02E-01	0.00E+00	2.05E-09	-1.14E-08	-5.70E-04	-2.12E-10	-1.40E+00	0.00E+00	-1.02E-01	-7.41E-06	-1.02E-01	-2.14E+00	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	-8.27E+01
WH36593349C	-2.84E-03	-3.24E-02	6.87E-04	-1.15E-02	0.00E+00	0.00E+00	-6.32E-01	-3.26E-04	-1.14E-05	-1.82E-03	0.00E+00	0.00E+00	-4.89E-10	-3.65E-08	-1.32E-02	-3.29E+00	0.00E+00	0.00E+00	-9.54E-01	0.00E+00	-1.57E-01	0.00E+00	8.57E-09	-6.59E-09	-6.18E-04	-2.12E-10	-5.12E-01	0.00E+00	-1.57E-01	-1.08E-05	-1.57E-01	-3.66E-01	-5.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.98E+01
WH36594200A	-2.89E-03	-5.00E-02	-8.00E-05	-4.03E-02	0.00E+00	0.00E+00	-4.79E-01	-2.11E-04	1.64E-05	-9.53E-04	0.00E+00	0.00E+00	-5.28E-10	-2.11E-08	-2.84E-04	-8.99E-01	0.00E+00	0.00E+00	-3.86E-01	0.00E+00	-3.85E-01	0.00E+00	-5.70E-10	-6.25E-09	-2.84E-04	-2.12E-10	-9.93E-02	0.00E+00	-3.85E-01	-8.10E-06	-3.85E-01	-6.42E-01	-9.93E-02	0.00E+00	0.00E+00	0.00E+00	-1.56E+01
WH36594200C	-3.13E-03	-5.59E-02	-6.07E-05	-5.19E-02	0.00E+00	0.00E+00	-5.96E-01	-2.31E-04	1.17E-05	-1.28E-03	0.00E+00	0.00E+00	-5.74E-10	-2.31E-08	-7.08E-02	-1.16E+00	0.00E+00	0.00E+00	-5.35E-01	0.00E+00	-7.62E-01	0.00E+00	-5.98E-10	-7.34E-09	-3.35E-04	-2.12E-10	-2.04E-01	0.00E+00	-7.62E-01	-9.70E-06	-7.62E-01	-1.14E+00	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-2.12E+01
WH36594200Q	-3.44E-03	-4.63E-02	-5.58E-05	-5.10E-02	0.00E+00	0.00E+00	-6.23E-01	-2.60E-04	3.15E-06	-1.13E-03	0.00E+00	0.00E+00	-5.94E-10	-2.70E-08	4.58E-04	-1.66E+00	0.00E+00	0.00E+00	-4.24E-01	0.00E+00	-3.30E-01	0.00E+00	4.32E-09	-7.13E-09	-3.83E-04	-2.12E-10	-1.54E-01	0.00E+00	-3.30E-01	-8.83E-06	-3.30E-01	-5.81E-01	-1.54E-01	0.00E+00	0.00E+00	0.00E+00	-2.23E+01
WH36594203A	-1.99E-03	-4.85E-02	2.18E-05	-4.11E-02	0.00E+00	0.00E+00	-3.86E-01	-2.15E-04	2.49E-05	-9.10E-04	0.00E+00	0.00E+00	-4.43E-10	-2.11E-08	-2.98E-04	-8.83E-01	0.00E+00	0.00E+00	-3.12E-01	0.00E+00	-3.77E-01	0.00E+00	-7.42E-10	-5.49E-09	-2.94E-04	-2.12E-10	-1.01E-01	0.00E+00	-3.77E-01	-7.55E-06	-3.77E-01	-6.46E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
WH36594203C	-2.40E-03	-5.42E-02	5.92E-05	-5.34E-02	0.00E+00	0.00E+00	-5.11E-01	-2.31E-04	1.70E-05	-1.20E-03	0.00E+00	0.00E+00	-4.92E-10	-2.27E-08	-7.16E-02	-1.11E+00	0.00E+00	0.00E+00	-4.36E-01	0.00E+00	-7.21E-01	0.00E+00	-7.48E-10	-6.65E-09	-3.48E-04	-2.12E-10	-2.05E-01	0.00E+00	-7.21E-01	-9.01E-06	-7.21E-01	-1.08E+00	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.77E+01
WH36594203Q	-2.41E-03	-4.99E-02	2.78E-06	-5.85E-02	0.00E+00	0.00E+00	-4.89E-01	-2.67E-04	1.11E-05	-1.06E-03	0.00E+00	0.00E+00	-5.01E-10	-2.58E-08	3.02E-04	-1.63E+00	0.00E+00	0.00E+00	-3.56E-01	0.00E+00	-3.21E-01	0.00E+00	3.87E-09	-6.13E-09	-3.98E-04	-2.12E-10	-1.58E-01	0.00E+00	-3.21E-01	-8.07E-06	-3.21E-01	-6.43E-01	-1.58E-01	0.00E+00	0.00E+00	0.00E+00	-1.79E+01
WH36594205A	-1.99E-03	-4.85E-02	2.18E-05	-4.11E-02	0.00E+00	0.00E+00	-3.86E-01	-2.15E-04	2.49E-05	-9.10E-04	0.00E+00	0.00E+00	-4.43E-10	-2.11E-08	-2.98E-04	-8.83E-01	0.00E+00	0.00E+00	-3.12E-01	0.00E+00	-3.77E-01	0.00E+00	-7.42E-10	-5.49E-09	-2.94E-04	-2.12E-10	-1.01E-01	0.00E+00	-3.77E-01	-7.55E-06	-3.77E-01	-6.46E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
WH36594249Q	-5.62E-03	-1.94E-01	5.02E-04	-1.62E-01	0.00E+00	0.00E+00	-1.15E+00	-5.97E-04	-8.46E-05	-1.91E-03	0.00E+00	0.00E+00	-7.79E-10	-6.49E-08	5.04E-04	-5.79E+00	0.00E+00	0.00E+00	-5.46E-01	0.00E+00	-3.31E-01	0.00E+00	6.35E-10	-1.46E-08	-8.83E-04	-2.12E-10	-1.00E+00	0.00E+00	-3.31E-01	-1.48E-05	-3.31E-01	-2.05E+00	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
WH36595200A	-4.10E-03	-1.86E-02	-6.60E-04	-1.79E-02	0.00E+00	0.00E+00	-1.06E+00	-4.22E-04	-1.73E-04	-2.26E-03	0.00E+00	0.00E+00	-1.20E-09	-4.87E-08	9.67E-04	-3.88E-01	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-1.98E-01	0.00E+00	2.57E-09	-1.05E-08	-7.99E-04	0.00E+00	-8.78E-02	0.00E+00	-1.98E-01	-1.67E-05	-1.98E-01	-2.85E-01	-8.78E-02	0.00E+00	0.00E+00	0.00E+00	-4.46E+01
WH36595200C	-5.09E-03	-1.84E-01	-2.39E-03	-1.81E-01	0.00E+00	0.00E+00	-1.07E+00	-4.22E-04	-2.99E-04	-3.64E-03	0.00E+00	0.00E+00	-1.26E-09	-5.02E-08	-1.21E-01	-7.80E-01	0.00E+00	0.00E+00	-3.14E+00	0.00E+00	-2.13E+00	0.00E+00	1.77E-11	-2.13E-08	-1.19E-03	0.00E+00	-9.17E-01	0.00E+00	-2.13E+00	-1.67E-05	-2.13E+00	-3.05E+00	-9.17E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
WH36595200Q	-4.08E-03	-2.09E-01	5.90E-04	-2.09E-01	0.00E+00	0.00E+00	-5.48E-01	-4.12E-04	-1.40E-04	-2.40E-03	0.00E+00	0.00E+00	-4.78E-10	-4.74E-08	8.43E-04	-1.72E+01	0.00E+00	0.00E+00	-5.34E-01	0.00E+00	-1.01E-01	0.00E+00	2.09E-10	-1.46E-08	-6.77E-04	0.00E+00	-2.49E+00	0.00E+00	-1.01E-01	-1.45E-05	-1.01E-01	-2.59E+00	-2.49E+00	0.00E+00	0.00E+00	0.00E+00	-2.46E+01
WH36595203A	-3.46E-03	-4.85E-02	-7.12E-05	-5.20E-02	0.00E+00	0.00E+00	-5.72E-01	-2.33E-04	1.56E-05	-1.11E-03	0.00E+00	0.00E+00	-6.23E-10	-2.74E-08	6.72E-04	-9.40E-01	0.00E+00	0.00E+00	-4.13E-01	0.00E+00	-4.08E-01	0.00E+00	1.03E-09	-7.43E-09	-3.97E-04	-2.12E-10	-2.25E-01	0.00E+00	-4.08E-01	-8.28E-06	-4.08E-01	-6.53E-01	-2.25E-01	0.00E+00	0.00E+00	0.00E+00	-2.08E+01
WH36595203C	-3.50E-03	-5.56E-02	-4.35E-05	-6.25E-02	0.00E+00	0.00E+00	-6.43E-01	-2.47E-04	1.47E-05	-1.45E-03	0.00E+00	0.00E+00	-6.57E-10	-2.96E-08	-7.67E-02	-1.18E+00	0.00E+00	0.00E+00	-5.85E-01	0.00E+00	-8.27E-01	0.00E+00	7.66E-10	-8.40E-09	-4.50E-04	-2.12E-10	-3.69E-01	0.00E+00	-8.27E-01	-9.75E-06	-8.27E-01	-1.25E+00	-3.69E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH36595203Q	-3.67E-03	-4.60E-02	-9.71E-06	-2.22E-02	0.00E+00	0.00E+00	-7.17E-01	-2.75E-04	-2.10E-05	-1.40E-03	0.00E+00	0.00E+00	-6.49E-10	-3.24E-08	1.48E-03	-2.14E+00	0.00E+00	0.00E+00	-4.34E-01	0.00E+00	-2.42E-01	0.00E+00	6.08E-09	-7.53E-09	-4.27E-04	-2.12E-10	-3.21E-01	0.00E+00	-2.42E-01	-9.13E-06	-2.42E-01	-2.71E-01	-3.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.21E+01
WH36595205A	-3.46E-03	-4.85E-02	-7.12E-05	-5.20E-02	0.00E+00	0.00E+00	-5.72E-01	-2.33E-04	1.56E-05	-1.11E-03	0.00E+00	0.00E+00	-6.23E-10	-2.74E-08	6.72E-04	-9.40E-01	0.00E+00	0.00E+00	-4.13E-01	0.00E+00	-4.08E-01	0.00E+00	1.03E-09	-7.43E-09	-3.97E-04	-2.12E-10	-2.25E-01	0.00E+00	-4.08E-01	-8.28E-06	-4.08E-01	-6.53E-01	-2.25E-01	0.00E+00	0.00E+00	0.00E+00	-2.08E+01
WH36595205C	-3.50E-03	-5.56E-02	-4.35E-05	-6.25E-02	0.00E+00	0.00E+00	-6.43E-01	-2.47E-04	1.47E-05	-1.45E-03	0.00E+00	0.00E+00	-6.57E-10	-2.96E-08	-7.67E-02	-1.18E+00	0.00E+00	0.00E+00	-5.85E-01	0.00E+00	-8.27E-01	0.00E+00	7.66E-10	-8.40E-09	-4.50E-04	-2.12E-10	-3.69E-01	0.00E+00	-8.27E-01	-9.75E-06	-8.27E-01	-1.25E+00	-3.69E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH36595205Q	-3.67E-03	-5.13E-02	-2.20E-05	-2.94E-02	0.00E+00	0.00E+00	-7.33E-01	-2.75E-04	-2.69E-05	-1.43E-03	0.00E+00	0.00E+00	-6.49E-10	-3.28E-08	1.46E-03	-2.58E+00	0.00E+00	0.00E+00	-4.71E-01	0.00E+00	-2.42E-01	0.00E+00	5.46E-09	-8.55E-09	-4.36E-04	-2.12E-10	-3.89E-01	0.00E+00	-2.42E-01	-9.13E-06	-2.42E-01	-6.47E-01	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
WH36595249A	-3.46E-03	-4.85E-02	-7.12E-05	-5.20E-02	0.00E+00	0.00E+00	-5.72E-01	-2.33E-04	1.56E-05	-1.11E-03	0.00E+00	0.00E+00	-6.23E-10	-2.74E-08	6.72E-04	-9.40E-01	0.00E+00	0.00E+00	-4.13E-01	0.00E+00	-4.08E-01	0.00E+00	1.03E-09	-7.43E-09	-3.97E-04	-2.12E-10	-2.25E-01	0.00E+00	-4.08E-01	-8.28E-06	-4.08E-01	-6.53E-01	-2.25E-01	0.00E+00	0.00E+00	0.00E+00	-2.08E+01
WH36595249C	-3.50E-03	-5.56E-02	-4.35E-05	-6.25E-02	0.00E+00	0.00E+00	-6.43E-01	-2.47E-04	1.47E-05	-1.45E-03	0.00E+00	0.00E+00	-6.57E-10	-2.96E-08	-7.67E-02	-1.18E+00	0.00E+00	0.00E+00	-5.85E-01	0.00E+00	-8.27E-01	0.00E+00	7.66E-10	-8.40E-09	-4.50E-04	-2.12E-10	-3.69E-01	0.00E+00	-8.27E-01	-9.75E-06	-8.27E-01	-1.25E+00	-3.69E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH36595249Q	-3.67E-03	-4.60E-02	-9.71E-06	-2.22E-02	0.00E+00	0.00E+00	-7.17E-01	-2.75E-04	-2.10E-05	-1.40E-03	0.00E+00	0.00E+00	-6.49E-10	-3.24E-08	1.48E-03	-2.14E+00	0.00E+00	0.00E+00	-4.34E-01	0.00E+00	-2.42E-01	0.00E+00	6.08E-09	-7.53E-09	-4.27E-04	-2.12E-10	-3.21E-01	0.00E+00	-2.42E-01	-9.13E-06	-2.42E-01	-2.71E-01	-3.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.21E+01
WH36596200A	-3.13E-03	-3.35E-02	3.50E-04	-3.45E-02	0.00E+00	0.00E+00	-6.44E-01	-2.59E-04	1.35E-05	-1.12E-03	0.00E+00	0.00E+00	-3.88E-10	-2.50E-08	1.39E-03	-1.42E+00	0.00E+00	0.00E+00	-4.24E-01	0.00E+00	8.36E-02	0.00E+00	1.67E-09	-4.30E-09	-3.21E-04	-2.12E-10	-2.34E-01	0.00E+00	8.36E-02	-7.34E-06	8.36E-02	-3.26E-01	-2.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.72E+01
WH36596200C	-6.37E-03	-3.74E-02	-4.21E-05	-3.74E-02	0.00E+00	0.00E+00	-1.36E+00	-6.55E-04	-2.33E-04	-3.15E-03	0.00E+00	0.00E+00	-7.79E-10	-7.60E-08	5.17E-03	-5.60E+00	0.00E+00	0.00E+00	-1.10E+00	0.00E+00	1.52E-02	0.00E+00	1.19E-09	-1.26E-08	-9.13E-04	0.00E+00	-8.48E-01	0.00E+00	1.52E-02	-1.88E-05	1.52E-02	-8.33E-01	-8.48E-01	0.00E+00	0.00E+00	0.00E+00	-4.82E+01

WH36596200Q	-7.44E-03	-2.25E-01	-1.20E-03	-2.24E-01	0.00E+00	0.00E+00	-1.72E+00	-7.41E-04	-3.28E-04	-4.24E-03	0.00E+00	0.00E+00	-9.38E-10	-8.67E-08	-1.33E-03	-1.69E+01	0.00E+00	0.00E+00	-1.39E+00	0.00E+00	-6.16E-01	0.00E+00	-2.92E-09	-2.10E-08	-1.21E-03	0.00E+00	-2.51E+00	0.00E+00	-6.16E-01	-2.19E-05	-6.16E-01	-3.12E+00	-2.51E+00	0.00E+00	0.00E+00	0.00E+00	-5.97E+01
WH36596203A	-4.67E-03	-5.77E-02	2.33E-04	-1.23E-01	0.00E+00	0.00E+00	-9.40E-01	-5.09E-04	-9.07E-05	-2.02E-03	0.00E+00	0.00E+00	-6.19E-10	-5.72E-08	6.63E-04	-2.27E+00	0.00E+00	0.00E+00	-7.56E-01	0.00E+00	1.07E-01	0.00E+00	7.10E-10	-9.88E-09	-8.02E-04	-2.12E-10	-3.93E-01	0.00E+00	1.07E-01	-1.27E-05	1.07E-01	-1.32E+00	-3.93E-01	0.00E+00	0.00E+00	0.00E+00	-3.10E+01
WH36596205A	-4.67E-03	-5.77E-02	2.33E-04	-1.23E-01	0.00E+00	0.00E+00	-9.40E-01	-5.09E-04	-9.07E-05	-2.02E-03	0.00E+00	0.00E+00	-6.19E-10	-5.72E-08	6.63E-04	-2.27E+00	0.00E+00	0.00E+00	-7.56E-01	0.00E+00	1.07E-01	0.00E+00	7.10E-10	-9.88E-09	-8.02E-04	-2.12E-10	-3.93E-01	0.00E+00	1.07E-01	-1.27E-05	1.07E-01	-1.32E+00	-3.93E-01	0.00E+00	0.00E+00	0.00E+00	-3.10E+01
WH36596205Q	-6.18E-03	-2.31E-01	6.55E-04	-1.58E-01	0.00E+00	0.00E+00	-1.16E+00	-5.72E-04	-1.47E-04	-2.59E-03	0.00E+00	0.00E+00	-8.40E-10	-6.76E-08	1.26E-03	-9.69E+00	0.00E+00	0.00E+00	-8.01E-01	0.00E+00	4.71E-02	0.00E+00	-1.18E-09	-1.44E-08	-1.07E-03	-2.12E-10	-1.58E+00	0.00E+00	4.71E-02	-1.48E-05	4.71E-02	-1.90E+00	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	-3.75E+01
WH36596249A	-4.67E-03	-5.77E-02	2.33E-04	-1.23E-01	0.00E+00	0.00E+00	-9.40E-01	-5.09E-04	-9.07E-05	-2.02E-03	0.00E+00	0.00E+00	-6.19E-10	-5.72E-08	6.63E-04	-2.27E+00	0.00E+00	0.00E+00	-7.56E-01	0.00E+00	1.07E-01	0.00E+00	7.10E-10	-9.88E-09	-8.02E-04	-2.12E-10	-3.93E-01	0.00E+00	1.07E-01	-1.27E-05	1.07E-01	-1.32E+00	-3.93E-01	0.00E+00	0.00E+00	0.00E+00	-3.10E+01
WH36596249C	-5.63E-03	-7.97E-02	2.66E-04	-1.27E-01	0.00E+00	0.00E+00	-1.10E+00	-6.01E-04	-8.48E-05	-2.19E-03	0.00E+00	0.00E+00	-7.35E-10	-7.00E-08	-3.71E-02	-4.23E+00	0.00E+00	0.00E+00	-8.42E-01	0.00E+00	-9.59E-02	0.00E+00	1.11E-09	-1.06E-08	-1.02E-03	-2.12E-10	-6.77E-01	0.00E+00	-9.59E-02	-1.36E-05	-9.59E-02	-1.75E+00	-6.77E-01	0.00E+00	0.00E+00	0.00E+00	-4.19E+01
WH36596249Q	-6.18E-03	-2.31E-01	6.78E-04	-1.58E-01	0.00E+00	0.00E+00	-1.19E+00	-5.72E-04	-1.47E-04	-2.59E-03	0.00E+00	0.00E+00	-8.42E-10	-6.80E-08	1.26E-03	-9.69E+00	0.00E+00	0.00E+00	-8.01E-01	0.00E+00	4.71E-02	0.00E+00	-1.18E-09	-1.45E-08	-1.07E-03	-2.12E-10	-1.58E+00	0.00E+00	4.71E-02	-1.48E-05	4.71E-02	-1.90E+00	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	-3.75E+01
WH36596300A	-3.54E-03	-1.78E-02	6.87E-04	1.61E-02	0.00E+00	0.00E+00	-7.76E-01	-3.47E-04	-5.48E-05	-2.11E-03	0.00E+00	0.00E+00	-5.38E-10	-4.17E-08	2.62E-03	-2.81E+00	0.00E+00	0.00E+00	-8.51E-01	0.00E+00	2.52E-01	0.00E+00	8.70E-09	-6.75E-09	-6.35E-04	-2.12E-10	-3.39E-01	0.00E+00	2.52E-01	-1.22E-05	2.52E-01	1.57E-01	-3.39E-01	0.00E+00	0.00E+00	0.00E+00	-3.58E+01
WH36596300C	-3.54E-03	-3.16E-02	6.09E-04	-1.77E-02	0.00E+00	0.00E+00	-7.39E-01	-3.55E-04	-3.32E-05	-2.17E-03	0.00E+00	0.00E+00	-5.73E-10	-4.20E-08	-1.39E-02	-3.17E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-2.30E-01	0.00E+00	8.34E-09	-6.94E-09	-6.96E-04	-2.12E-10	-4.98E-01	0.00E+00	-2.30E-01	-1.19E-05	-2.30E-01	-5.10E-01	-4.98E-01	0.00E+00	0.00E+00	0.00E+00	-4.35E+01
WH36596300Q	-3.66E-03	-1.19E-01	-3.22E-04	-1.37E-01	0.00E+00	0.00E+00	4.36E-02	-2.40E-04	1.51E-04	-2.74E-03	0.00E+00	0.00E+00	-3.96E-10	-3.25E-08	-1.11E-02	-8.03E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-9.96E-02	0.00E+00	2.79E-09	-1.13E-08	-5.57E-04	-2.12E-10	-1.40E+00	0.00E+00	-9.96E-02	-9.43E-06	-9.96E-02	-2.17E+00	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	-9.62E+01
WH36596303A	-3.54E-03	-1.86E-02	6.87E-04	1.61E-02	0.00E+00	0.00E+00	-7.76E-01	-3.47E-04	-5.48E-05	-2.11E-03	0.00E+00	0.00E+00	-5.38E-10	-4.17E-08	2.48E-03	-2.81E+00	0.00E+00	0.00E+00	-8.51E-01	0.00E+00	2.52E-01	0.00E+00	8.77E-09	-6.75E-09	-6.35E-04	-2.12E-10	-3.39E-01	0.00E+00	2.52E-01	-1.22E-05	2.52E-01	1.57E-01	-3.39E-01	0.00E+00	0.00E+00	0.00E+00	-3.58E+01
WH36596303C	-3.54E-03	-3.24E-02	6.09E-04	-1.77E-02	0.00E+00	0.00E+00	-7.39E-01	-3.55E-04	-3.32E-05	-2.17E-03	0.00E+00	0.00E+00	-5.73E-10	-4.20E-08	-1.39E-02	-3.17E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-2.30E-01	0.00E+00	8.42E-09	-6.94E-09	-6.96E-04	-2.12E-10	-4.98E-01	0.00E+00	-2.30E-01	-1.19E-05	-2.30E-01	-5.10E-01	-4.98E-01	0.00E+00	0.00E+00	0.00E+00	-4.35E+01
WH36596303Q	-2.59E-03	-7.70E-02	-1.91E-04	-1.61E-01	0.00E+00	0.00E+00	7.82E-02	-2.40E-04	1.51E-04	-2.25E-03	0.00E+00	0.00E+00	-3.97E-10	-3.06E-08	1.94E-04	-8.76E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-9.96E-02	0.00E+00	2.79E-09	-1.13E-08	-6.21E-04	-2.12E-10	-1.46E+00	0.00E+00	-9.96E-02	-6.95E-06	-9.96E-02	-2.56E+00	-1.46E+00	0.00E+00	0.00E+00	0.00E+00	-7.89E+01
WH36596305A	-3.54E-03	-1.86E-02	6.87E-04	1.61E-02	0.00E+00	0.00E+00	-7.76E-01	-3.47E-04	-5.48E-05	-2.11E-03	0.00E+00	0.00E+00	-5.38E-10	-4.17E-08	2.62E-03	-2.81E+00	0.00E+00	0.00E+00	-8.51E-01	0.00E+00	2.52E-01	0.00E+00	8.77E-09	-6.75E-09	-6.35E-04	-2.12E-10	-3.39E-01	0.00E+00	2.52E-01	-1.22E-05	2.52E-01	1.57E-01	-3.39E-01	0.00E+00	0.00E+00	0.00E+00	-3.58E+01
WH36596305C	-3.54E-03	-3.24E-02	6.09E-04	-1.77E-02	0.00E+00	0.00E+00	-7.39E-01	-3.55E-04	-3.32E-05	-2.17E-03	0.00E+00	0.00E+00	-5.73E-10	-4.20E-08	-1.39E-02	-3.17E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-2.30E-01	0.00E+00	8.42E-09	-6.94E-09	-6.96E-04	-2.12E-10	-4.98E-01	0.00E+00	-2.30E-01	-1.19E-05	-2.30E-01	-5.10E-01	-4.98E-01	0.00E+00	0.00E+00	0.00E+00	-4.35E+01
WH36596305Q	-2.53E-03	-7.70E-02	-1.91E-04	-1.35E-01	0.00E+00	0.00E+00	6.98E-02	-2.40E-04	1.51E-04	-2.27E-03	0.00E+00	0.00E+00	-3.96E-10	-3.21E-08	-3.13E-03	-8.03E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-9.96E-02	0.00E+00	2.79E-09	-1.13E-08	-5.57E-04	-2.12E-10	-1.40E+00	0.00E+00	-9.96E-02	-6.91E-06	-9.96E-02	-2.13E+00	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	-9.15E+01
WH36596349A	-3.54E-03	-1.86E-02	6.87E-04	1.61E-02	0.00E+00	0.00E+00	-7.76E-01	-3.47E-04	-5.48E-05	-2.11E-03	0.00E+00	0.00E+00	-5.38E-10	-4.17E-08	2.48E-03	-2.81E+00	0.00E+00	0.00E+00	-8.51E-01	0.00E+00	2.52E-01	0.00E+00	8.77E-09	-6.75E-09	-6.35E-04	-2.12E-10	-3.39E-01	0.00E+00	2.52E-01	-1.22E-05	2.52E-01	1.57E-01	-3.39E-01	0.00E+00	0.00E+00	0.00E+00	-3.58E+01
WH36596349C	-3.54E-03	-3.24E-02	6.09E-04	-1.77E-02	0.00E+00	0.00E+00	-7.39E-01	-3.55E-04	-3.32E-05	-2.17E-03	0.00E+00	0.00E+00	-5.73E-10	-4.20E-08	-1.39E-02	-3.17E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-2.30E-01	0.00E+00	8.42E-09	-6.94E-09	-6.96E-04	-2.12E-10	-4.98E-01	0.00E+00	-2.30E-01	-1.19E-05	-2.30E-01	-5.10E-01	-4.98E-01	0.00E+00	0.00E+00	0.00E+00	-4.35E+01
WH36596349Q	-2.59E-03	-7.70E-02	-1.91E-04	-1.61E-01	0.00E+00	0.00E+00	7.82E-02	-2.40E-04	1.51E-04	-2.25E-03	0.00E+00	0.00E+00	-3.97E-10	-3.06E-08	1.94E-04	-8.76E+00	0.00E+00	0.00E+00	-1.02E+00	0.00E+00	-9.96E-02	0.00E+00	2.79E-09	-1.13E-08	-6.21E-04	-2.12E-10	-1.46E+00	0.00E+00	-9.96E-02	-6.95E-06	-9.96E-02	-2.56E+00	-1.46E+00	0.00E+00	0.00E+00	0.00E+00	-7.89E+01
WH36597200A	-2.95E-03	-5.00E-02	-1.00E-04	-4.18E-02	0.00E+00	0.00E+00	-5.17E-01	-2.06E-04	6.54E-06	-1.02E-03	0.00E+00	0.00E+00	-5.23E-10	-2.26E-08	-3.00E-04	-7.18E-01	0.00E+00	0.00E+00	-3.80E-01	0.00E+00	-4.15E-01	0.00E+00	-7.21E-10	-6.33E-09	-2.93E-04	-2.12E-10	-1.00E-01	0.00E+00	-4.15E-01	-7.92E-06	-4.15E-01	-6.45E-01	-1.00E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+01
WH36597200C	-3.17E-03	-5.59E-02	-7.79E-05	-5.16E-02	0.00E+00	0.00E+00	-6.34E-01	-2.27E-04	1.25E-06	-1.34E-03	0.00E+00	0.00E+00	-5.65E-10	-2.47E-08	-7.23E-02	-9.76E-01	0.00E+00	0.00E+00	-5.36E-01	0.00E+00	-8.02E-01	0.00E+00	-7.49E-10	-7.39E-09	-3.40E-04	-2.12E-10	-2.05E-01	0.00E+00	-8.02E-01	-9.52E-06	-8.02E-01	-1.14E+00	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
WH36597200Q	-3.51E-03	-4.64E-02	-4.27E-05	-5.16E-02	0.00E+00	0.00E+00	-6.59E-01	-2.55E-04	-6.69E-06	-1.23E-03	0.00E+00	0.00E+00	-5.87E-10	-2.82E-08	4.37E-04	-1.48E+00	0.00E+00	0.00E+00	-4.32E-01	0.00E+00	-3.67E-01	0.00E+00	4.47E-09	-7.21E-09	-3.91E-04	-2.12E-10	-1.55E-01	0.00E+00	-3.67E-01	-8.63E-06	-3.67E-01	-5.84E-01	-1.55E-01	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
WH36597203A	-2.95E-03	-5.00E-02	-1.00E-04	-4.18E-02	0.00E+00	0.00E+00	-5.17E-01	-2.06E-04	6.54E-06	-1.02E-03	0.00E+00	0.00E+00	-5.23E-10	-2.26E-08	-3.00E-04	-7.18E-01	0.00E+00	0.00E+00	-3.80E-01	0.00E+00	-4.15E-01	0.00E+00	-7.21E-10	-6.33E-09	-2.93E-04	-2.12E-10	-1.00E-01	0.00E+00	-4.15E-01	-7.92E-06	-4.15E-01	-6.45E-01	-1.00E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+01
WH36597203C	-3.17E-03	-5.59E-02	-7.79E-05	-5.16E-02	0.00E+00	0.00E+00	-6.34E-01	-2.27E-04	1.25E-06	-1.34E-03	0.00E+00	0.00E+00	-5.65E-10	-2.47E-08	-7.23E-02	-9.76E-01	0.00E+00	0.00E+00	-5.36E-01	0.00E+00	-8.02E-01	0.00E+00	-7.49E-10	-7.39E-09	-3.40E-04	-2.12E-10	-2.05E-01	0.00E+00	-8.02E-01	-9.52E-06	-8.02E-01	-1.14E+00	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
WH36597203Q	-3.51E-03	-5.16E-02	-4.27E-05	-5.89E-02	0.00E+00	0.00E+00	-6.59E-01	-2.55E-04	-6.69E-06	-1.23E-03	0.00E+00	0.00E+00	-5.87E-10	-2.82E-08	2.59E-04	-1.47E+00	0.00E+00	0.00E+00	-4.32E-01	0.00E+00	-3.67E-01	0.00E+00	3.61E-09	-7.19E-09	-3.91E-04	-2.12E-10	-1.55E-01	0.00E+00	-3.67E-01	-8.63E-06	-3.67E-01	-6.42E-01	-1.55E-01	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
WH36597205A	-2.95E-03	-5.00E-02	-1.00E-04	-4.18E-02	0.00E+00	0.00E+00	-5.17E-01	-2.06E-04	6.54E-06	-1.02E-03	0.00E+00	0.00E+00	-5.23E-10	-2.26E-08	-3.00E-04	-7.18E-01	0.00E+00	0.00E+00	-3.80E-01	0.00E+00	-4.15E-01	0.00E+00	-7.21E-10	-6.33E-09	-2.93E-04	-2.12E-10	-1.00E-01	0.00E+00	-4.15E-01	-7.92E-06	-4.15E-01	-6.45E-01	-1.00E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+01
WH36597205C	-3.17E-03	-5.59E-02	-7.79E-05	-5.16E-02	0.00E+00	0.00E+00	-6.34E-01	-2.27E-04	1.25E-06	-1.34E-03	0.00E+00	0.00E+00	-5.65E-10	-2.47E-08	-7.23E-02	-9.76E-01	0.00E+00	0.00E+00	-5.36E-01	0.00E+00	-8.02E-01	0.00E+00	-7.49E-10	-7.39E-09	-3.40E-04	-2.12E-10	-2.05E-01	0.00E+00	-8.02E-01	-9.52E-06	-8.02E-01	-1.14E+00	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
WH36597205Q	-3.51E-03	-5.58E-02	-4.27E-05	-5.89E-02	0.00E+00	0.00E+00	-6.59E-01	-2.55E-04	-6.69E-06	-1.23E-03	0.00E+00	0.00E+00	-5.87E-10	-2.82E-08	2.45E-04	-1.47E+00	0.00E+00	0.00E+00	-4.32E-01	0.00E+00	-3.67E-01	0.00E+00	3.61E-09	-7.28E-09	-3.91E-04	-2.12E-10	-1.55E-01	0.00E+00	-3.67E-01	-8.63E-06	-3.67E-01	-6.42E-01	-1.55E-01	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
WH36597249A	-4.72E-03	-9.11E-02	-4.51E-04	-1.35E-01	0.00E+00	0.00E+00	-1.14E+00	-6.06E-04	-1.21E-04	-1.89E-03	0.00E+00	0.00E+00	-6.76E-10	-6.67E-08	2.40E-04	-3.12E+00	0.00E+00	0.00E+00	-4.99E-01	0.00E+00	-5.67E-01	0.00E+00	-9.39E-10	-1.19E-08	-8.55E-04	-2.12E-10	-6.15E-01	0.00E+00	-5.67E-01	-1.47E-05	-5.67E-01	-1.78E+00	-6.15E-01	0.00E+00	0.00E+00	0.00E+00	-3.13E+01
WH36597249C	-4.64E-03	-9.23E-02	-5.47E-04	-1.46E-01	0.00E+00	0.00E+00	-1.13E+00	-6.05E-04	-1.13E-04	-1.90E-03	0.00E+00	0.00E+00	-6.77E-10	-6.64E-08	-4.58E-02	-3.08E+00	0.00E+00	0.00E+00	-5.86E-01	0.00E+00	-7.39E-01	0.00E+00	-1.06E-09	-1.17E-08	-9.08E-04	-2.12E-10	-6.86E-01	0.00E+00	-7.39E-01	-1.44E-05	-7.39E-01	-2.06E+00	-6.86E-01	0.00E+00	0.00E+00	0.00E+00	-3.69E+01
WH36598200A	-4.71E-03	-6.06E-02	1.76E-04	-1.17E-01	0.00E+00	0.00E+00	-9.44E-01	-4.89E-04	-4.55E-05	-1.94E-03	0.00E+00	0.00E+00	-5.69E-10	-5.76E-08	5.89E-04	-1.70E+00	0.00E+00	0.00E+00	-6.16E-01	0.00E+00	-2.11E-01	0.00E+00	5.85E-10	-9.60E-09	-6.85E-04	-2.12E-10	-2.76E-01	0.00E+00	-2.11E-01	-1.27E-05	-2.11E-01	-1.41E+00	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-3.09E+01
WH36598200Q	-5.27E-03	-2.00E-01	9.17E-04	-1.54E-01	0.00E+00	0.00E+00	-1.13E+00	-5.79E-04	-9.81E-05	-2.22E-03	0.00E+00	0.00E+00	-7.71E-10	-6.58E-08	1.47E-03	-5.12E+00	0.00E+00	0.00E+00	-5.62E-01	0.00E+00	8.94E-02	0.00E+00	1.79E-09	-1.35E-08	-8.84E-04	-2.12E-10	-7.47E-01	0.00E+00	8.94E-02	-1.50E-05	8.94E-02	-1.26E+00	-7.47E-01	0.00E+00	0.00E+00	0.00E+00	-3.32E+01
WH36598203A	-4.42E-03	-4.93E-02	3.92E-04	-1.11E-01	0.00E+00	0.00E+00	-8.69E-01	-4.82E-04	-3.40E-05	-1.68E-03	0.00E+00	0.00E+00	-5.56E-10	-5.63E-08	-2.69E-04	-1.75E+00	0.00E+00	0.00E+00	-5.66E-01	0.00E+00	-1.88E-01	0.00E+00	9.36E-10	-8.69E-09	-6.15E-04	-2.12E-10	-2.74E-01	0.00E+00	-1.88E-01	-1.18E-05	-1.88E-01	-1.40E+00	-2.74E-01	0.00E+00	0.00E+00	0.00E+00	-2.62E+01
WH36599200A	-2.93E-03	-1.21E-02	4.49E-04	-7.85E-03	0.00E+00	0.00E+00	-5.22E-01	-1.64E-04	7.31E-05	-6.82E-04	0.00E+00	0.00E+00	-3.17E-10	-1.85E-08	6.57E-04	-6.09E-01	0.00E+00	0.00E+00	-2.94E-01	0.00E+00	5.88E-02	0.00E+00	1.94E-09	-3.75E-09	-2.42E-04	-2.12E-10	-7.39E-02	0.00E+00	5.88E-02	-5.83E-06	5.88E-02	-2.53E-01	-7.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.67E+01
WH36599200C	-4.87E-03	-8.30E-02	1.71E-04	-1.18E-01	0.00E+00	0.00E+00	-1.07E+00	-6.05E-04	-5.86E-05	-1.90E-03	0.00E+00	0.00E+00	-6.48E-10	-6.88E-08	-3.44E-02	-3.23E+00	0.00E+00	0.00E+00	-6.57E-01	0.00E+00	-3.55E-01	0.00E+00	8.70E-10	-1.06E-08	-8.87E-04	-2.12E-10	-5.46E-01	0.00E+00	-3.55E-01	-1.34E-05	-3.55E-01	-1.61E+00	-5.46E-01	0.00E+00	0.00E+00	0.00E+00	-3.74E+01
WH36599200Q	-5.26E-03	-1.98E-01	9.60E-04	-1.55E-01	0.00E+00	0.00E+00	-1.14E+00	-5.77E-04	-1.09E-04	-2.26E-03	0.00E+00	0.00E+00	-7.68E-10	-6.63E-08	1.67E-03	-5.16E+00	0.00E+00	0.00E+00	-5.89E-01	0.00E+00	1.02E-01	0.00E+00	1.58E-09	-1.36E-08	-9.13E-04	-2.12E-10	-7.31E-01	0.00E+00	1.02E-01	-1.54E-05	1.02E-01	-1.19E+00	-7.31E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
WH36599203A	-2.93E-03	-1.21E-02	4.49E-04	-7.85E-03	0.00E+00	0.00E+00	-5.22E-01	-1.64E-04	7.31E-05	-6.82E-04	0.00E+00	0.00E+00	-3.17E-10	-1.85E-08	6.57E-04	-6.09E-01	0.00E+00	0.00E+00	-2.94E-01	0.00E+00	5.88E-02	0.00E+00	1.94E-09	-3.75E-09	-2.42E-04	-2.12E-10	-7.39E-02	0.00E+00	5.88E-02	-5.83E-06	5.88E-02	-2.53E-01	-7.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.67E+01
WH36599203C	-4.87E-03	-8.30E-02	1.71E-04	-1.18E-01	0.00E+00	0.00E+00	-1.07E+00	-6.05E-04	-5.86E-05	-1.90E-03	0.00E+00	0.00E+00	-6.48E-10	-6.88E-08	-3.44E-02	-3.23E+00	0.00E+00	0.00E+00	-6.57E-01	0.00E+00	-3.55E-01	0.00E+00	8.70E-10	-1.06E-08	-8.87E-04	-2.12E-10	-5.46E-01	0.00E+00	-3.55E-01	-1.34E-05	-3.55E-01	-1.61E+00	-5.46E-01	0.00E+00	0.00E+00	0.00E+00	-3.74E+01
WH36599203Q	-5.26E-03	-1.98E-01	9.65E-04	-1.55E-01	0.00E+00	0.00E+00	-1.13E+00	-5.83E-04	-7.84E-05	-2.03E-03	0.00E+00	0.00E+00	-7.68E-10	-6.61E-08	1.76E-03	-5.00E+00	0.00E+00	0.00E+00	-5.79E-01	0.00E+00	5.97E-02	0.00E+00	1.58E-09	-1.35E-08	-9.09E-04	-2.12E-10	-7.31E-01	0.00E+00	5.97E-02	-1.53E-05	5.97E-02	-1.33E+00	-7.31E-01	0.00E+00	0.00E+00	0.00E+00	-3.19E+01
WH36599205C	-4.87E-03	-8.30E-02	1.71E-04	-1.18E-01	0.00E+00	0.00E+00	-1.07E+00	-6.05E-04	-5.86E-05	-1.90E-03	0.00E+00	0.00E+00	-6.48E-10	-6.88E-08	-3.44E-02	-3.23E+00	0.00E+00	0.00E+00	-6.57E-01	0.00E+00	-3.55E-01	0.00E+00	8.70E-10	-1.06E-08	-8.87E-04	-2.12E-10	-5.46E-01	0.00E+00	-3.55E-01	-1.34E-05	-3.55E-01	-1.61E+00	-5.46E-01	0.00E+00	0.00E+00	0.00E+00	-3.74E+01
WH36599205Q	-5.26E-03	-1.98E-01	9.60E-04	-1.55E-01	0.00E+00	0.00E+00	-1.14E+00	-5.77E-04	-1.05E-04	-2.26E-03	0.00E+00	0.00E+00	-7.68E-10	-6.59E-08	1.75E-03	-5.00E+00	0.00E+00	0.00E+00	-5.89E-01	0.00E+00	1.02E-01	0.00E+00	1.58E-09	-1.36E-08	-9.13E-04	-2.12E-10	-7.31E-01	0.00E+00	1.02E-01	-1.54E-05	1.02E-01	-1.19E+00	-7.31E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
WH36599249Q	-5.26E-03	-1.98E-01	9.65E-04	-1.55E-01	0.00E+00	0.00E+00	-1.13E+00	-5.83E-04	-7.84E-05	-2.03E-03	0.00E+00	0.00E+00	-7.68E-10	-6.61E-08	1.76E-03	-5.00E+00	0.00E+00	0.00E+00	-5.79E-01	0.00E+00	5.97E-02	0.00E+00	1.58E-09	-1.35E-08	-9.09E-04	-2.12E-10	-7.31E-01	0.00E+00	5.97E-02	-1.53E-05	5.97E-02	-1.33E+00	-7.31E-01	0.00E+00	0.00E+00	0.00E+00	-3.19E+01
WH36600700Q	-7.09E-03	2.36E-01	3.96E-03	2.32E-01	0.00E+00	0.00E+00	-1.16E+00	-8.74E-04	-8.21E-07	-1.74E-03	0.00E+00	0.00E+00	-1.09E-09	-9.89E-08	1.26E-02	-2.29E-01	0.00E+00	0.00E+00	-4.40E-01	0.00E+00	3.62E+00	0.00E+00	3.12E-08	-3.04E-10	-4.67E-04	0.00E+00	6.39E-02	0.00E+00	3.62E+00	-2.33E-05	3.62E+00	3.68E+00	6.39E-02	0.00E+00	0.00E+00	0.00E+00	-2.74E+01
WH36600800Q	-8.84E-03	2.18E-01	3.21E-03	2.14E-01	0.00E+00	0.00E+00	-1.61E+00	-1.03E-03	-1.82E-04	-2.71E-03	0.00E+00	0.00E+00	-1.30E-09	-1.19E-07	1.19E-02	-3.98E-01	0.00E+00	0.00E+00	-8.03E-01	0.00E+00	3.40E+00	0.00E+00	2.98E-08	-3.73E-09	-7.49E-04	0.00E+00	2.17E-02	0.00E+00	3.40E+00	-2.90E-05	3.40E+00	3.42E+00	2.17E-02	0.00E+00	0.00E+00	0.00E+00	-4.26E+01
WH36620300A	-3.04E-03	-5.86E-03	6.29E-04	-1.89E-02	0.00E+00	0.00E+00	-4.92E-01	-2.41E-04	1.01E-04	-6.88E-04	0.00E+00	0.00E+00	-3.34E-10	-2.29E-08	2.32E-03	-1.06E+00	0.00E+00	0.00E+00	-3.72E-01	0.00E+00	2.91E-02	0.00E+00	2.72E-09	-3.96E-09	-3.20E-04	-2.12E-10	-2.35E-01	0.00E+00	2.91E-02	-7.19E-06	2.91E-02	-3.26E-01	-2.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
WH36620300C	-4.47E-04	-2.01E-01	-4.41E-04	-2.00E-01	0.00E+00	0.00E+00	1.39E-01	-7.63E-06	3.26E-04	-1.26E-03	0.00E+00	0.00E+00	-2.40E-10	2.58E-09	-1.21E-01	-5.47E+00	0.00E+00	0.00E+00	-2.06E+00	0.00E+00	-1.93E+00	0.00E+00	-1.31E-09	-1.35E-08	-3.96E-04	0.00E+00	-1.55E+00	0.00E+00	-1.93E+00	-4.39E-07	-1.93E+00	-3.48E+00	-1.55E+00	0.00E+00	0.00E+00	0.00E+00	-7.29E+01
WH36620300Q	-3.22E-03	1.58E-03	2.97E-05	-1.96E-02	0.00E+00	0.00E+00	-7.26E-01	-2.91E-04	-3.57E-05	-1.07E-03	0.00E+00	0.00E+00	-3.59E-10	-3.06E-08	8.24E-04	-4.14E+00	0.00E+00	0.00E+00	-4.03E-01	0.00E+00	1.47E-01	0.00E+00	1.30E-09	-6.12E-09	-4.04E-04	-2.12E-10	-6.54E-01	0.00E+00	1.47E-01	-7.88E-06	1.47E-01	-8.79E-01	-6.54E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
WH36620303A	-2.10E-03	5.52E-03	7.70E-04	-6.58E-04	0.00E+00	0.00E+00	-3.53E-01	-2.22E-04	7.34E-05	-6.38E-04	0.00E+00	0.00E+00	-3.01E-10	-2.11E-08	2.46E-03	-7.47E-01	0.00E+00	0.00E+00	-3.42E-01	0.00E+00	4.50E-02	0.00E+00	2.51E-09	-3.32E-09	-3.55E-04	-2.12E-10	-1.97E-01	0.00E+00	4.50E-02	-6.44E-06	4.50E-02	-2.47E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+01
WH36620303C	-2.53E-03	-3.38E-02	6.02E-04	-5.33E-02	0.00E+00	0.00E+00	-4.16E-01	-2.23E-04	1.08E-04	-1.12E-03	0.00E+00	0.00E+00	-3.99E-10	-2.24E-08	-8.71E-02	-1.16E+00	0.00E+00	0.00E+00	-5.42E-01	0.00E+00	-5.58E-01	0.00E+00	1.73E-09	-4.79E-09	-3.66E-04	-2.12E-10	-3.51E-01	0.00E+00	-5.58E-01	-8.19E-06	-5.58E-01	-1.10E+00	-3.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
WH36620303Q	-5.91E-03	1.20E-01	1.96E-03	1.18E-01	0.00E+00	0.00E+00	-1.04E+00	-6.82E-04	-1.31E-04	-2.00E-03	0.00E+00	0.00E+00	-7.56E-10	-7.84E-08	7.24E-03	-4.87E-01	0.00E+00	0.00E+00	-5.08E-01	0.00E+00	2.11E+00	0.00E+00	1.81E-08	-2.67E-09	-5.23E-04	0.00E+00	-1.93E-02	0.00E+00	2.11E+00	-1.84E-05	2.11E+00	2.09E+00	-1.93E-02	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
WH36620305A	-2.10E-03	5.52E-03	7.70E-04	-6.58E-04	0.00E+00	0.00E+00	-3.53E-01	-2.22E-04	7.34E-05	-6.38E-04	0.00E+00	0.00E+00	-3.01E-10	-2.11E-08	2.46E-03	-7.47E-01	0.00E+00	0.00E+00	-3.42E-01	0.00E+00	4.50E-02	0.00E+00	2.51E-09	-3.32E-09	-3.55E-04	-2.12E-10	-1.97E-01	0.00E+00	4.50E-02	-6.44E-06	4.50E-02	-2.47E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+01
WH36620305C	-2.53E-03	-3.38E-02	6.02E-04	-5.33E-02	0.00E+00	0.00E+00	-4.16E-01	-2.23E-04	1.08E-04	-1.12E-03	0.00E+00	0.00E+00	-3.99E-10	-2.24E-08	-8.71E-02	-1.16E+00	0.00E+00	0.00E+00	-5.42E-01	0.00E+00	-5.58E-01	0.00E+00	1.73E-09	-4.79E-09	-3.66E-04	-2.12E-10	-3.51E-01	0.00E+00	-5.58E-01	-8.19E-06	-5.58E-01	-1.10E+00	-3.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
WH36620305Q	-2.45E-03	2.96E-02	4.65E-04	2.76E-02	0.00E+00	0.00E+00	-6.39E-01	-2.79E-04	-5.97E-05	-9.83E-04	0.00E+00	0.00E+00	-3.47E-10	-3.02E-08	4.62E-03	-1.87E+00	0.00E+00	0.00E+00	-3.78E-01	0.00E+00	2.44E-01	0.00E+00	8.88E-09	-4.80E-09	-3.92E-04	-2.12E-10	-3.40E-01	0.00E+00	2.44E-01	-7.36E-06	2.44E-01	-1.47E-01	-3.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.37E+01
WH36620349A	-2.10E-03	5.52E-03	7.70E-04	-6.58E-04	0.00E+00	0.00E+00	-3.53E-01	-2.22E-04	7.34E-05	-6.38E-04	0.00E+00	0.00E+00	-3.01E-10	-2.11E-08	2.46E-03	-7.47E-01	0.00E+00	0.00E+00	-3.42E-01	0.00E+00	4.50E-02	0.00E+00	2.51E-09	-3.32E-09	-3.55E-04	-2.12E-10	-1.97E-01	0.00E+00	4.50E-02	-6.44E-06	4.50E-02	-2.47E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+01
WH36620349C	-2.53E-03	-3.38E-02	6.02E-04	-5.33E-02	0.00E+00	0.00E+00	-4.16E-01	-2.23E-04	1.08E-04	-1.12E-03	0.00E+00	0.00E+00	-3.99E-10	-2.24E-08	-8.71E-02	-1.16E+00	0.00E+00	0.00E+00	-5.42E-01	0.00E+00	-5.58E-01	0.00E+00	1.73E-09	-4.79E-09	-3.66E-04	-2.12E-10	-3.51E-01	0.00E+00	-5.58E-01	-8.19E-06	-5.58E-01	-1.10E+00	-3.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
WH36620349Q	-2.45E-03	3.70E-02	5.03E-04	3.60E-02	0.00E+00	0.00E+00	-6.22E-01	-2.79E-04	-4.86E-05	-9.30E-04	0.00E+00	0.00E+00	-3.47E-10	-2.96E-08	4.59E-03	-1.69E+00	0.00E+00	0.00E+00	-3.53E-01	0.00E+00	2.44E-01	0.00E+00	9.45E-09	-3.62E-09	-3.83E-04	-2.12E-10	-2.86E-01	0.00E+00	2.44E-01	-7.33E-06	2.44E-01	1.37E-01	-2.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.36E+01
WH36622300A	-2.66E-03	5.73E-03	5.12E-04	6.78E-03	0.00E+00	0.00E+00	-4.60E-01	-2.01E-04	1.03E-04	-6.45E-04	0.00E+00	0.00E+00	-2.60E-10	-1.88E-08	7.46E-04	-6.74E-01	0.00E+00	0.00E+00	-2.62E-01	0.00E+00	2.86E-02	0.00E+00	1.68E-09	-2.90E-09	-2.05E-04	-2.12E-10	-6.61E-02	0.00E+00	2.86E-02	-6.35E-06	2.86E-02	-1.82E-01	-6.61E-02	0.00E+00	0.00E+00	0.00E+00	-9.77E+00
WH36622300C	-3.00E-03	-2.10E-02	4.09E-04	-3.41E-02	0.00E+00	0.00E+00	-5.67E-01	-2.24E-04	1.05E-04	-1.19E-03	0.00E+00	0.00E+00	-3.78E-10	-2.06E-08	-6.77E-02	-1.03E+00	0.00E+00	0.00E+00	-4.73E-01	0.00E+00	-5.11E-01	0.00E+00	1.35E-09	-4.41E-09	-2.20E-04	-2.12E-10	-1.86E-01	0.00E+00	-5.11E-01	-8.61E-06	-5.11E-01	-8.80E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
WH36622300Q	-3.28E-03	1.74E-02	4.45E-04	-8.83E-03	0.00E+00	0.00E+00	-6.33E-01	-2.53E-04	5.80E-05	-7.61E-04	0.00E+00	0.00E+00	-3.44E-10	-2.62E-08	1.77E-03	-1.32E+00	0.00E+00	0.00E+00	-3.33E-01	0.00E+00	9.76E-02	0.00E+00	6.15E-09	-4.15E-09	-2.95E-04	-2.12E-10	-1.35E-01	0.00E+00	9.76E-02	-7.39E-06	9.76E-02	-9.33E-02	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
WH36622303A	-1.90E-03	4.62E-03	5.54E-04	4.65E-03	0.00E+00	0.00E+00	-3.83E-01	-1.90E-04	6.55E-05	-6.46E-04	0.00E+00	0.00E+00	-2.49E-10	-1.87E-08	6.19E-04	-6.58E-01	0.00E+00	0.00E+00	-2.13E-01	0.00E+00	2.94E-02	0.00E+00	1.42E-09	-2.46E-09	-2.62E-04	-2.12E-10	-6.60E-02	0.00E+00	2.94E-02	-5.90E-06	2.94E-02	-1.82E-01	-6.60E-02	0.00E+00	0.00E+00	0.00E+00	-7.82E+00
WH36622303C	-2.50E-03	-2.17E-02	4.75E-04	-3.58E-02	0.00E+00	0.00E+00	-4.91E-01	-2.05E-04	7.14E-05	-1.18E-03	0.00E+00	0.00E+00	-3.64E-10	-2.00E-08	-6.85E-02	-9.80E-01	0.00E+00	0.00E+00	-3.99E-01	0.00E+00	-4.71E-01	0.00E+00	1.11E-09	-4.07E-09	-2.68E-04	-2.12E-10	-1.87E-01	0.00E+00	-4.71E-01	-8.32E-06	-4.71E-01	-8.19E-01	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
WH36622303Q	-2.46E-03	2.52E-03	4.35E-04	-1.33E-02	0.00E+00	0.00E+00	-5.43E-01	-2.41E-04	2.33E-05	-7.51E-04	0.00E+00	0.00E+00	-3.19E-10	-2.55E-08	1.54E-03	-1.30E+00	0.00E+00	0.00E+00	-2.89E-01	0.00E+00	8.96E-02	0.00E+00	5.76E-09	-3.43E-09	-3.59E-04	-2.12E-10	-1.35E-01	0.00E+00	8.96E-02	-6.84E-06	8.96E-02	-1.85E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
WH36622305A	-1.90E-03	4.62E-03	5.54E-04	4.65E-03	0.00E+00	0.00E+00	-3.83E-01	-1.90E-04	6.55E-05	-6.46E-04	0.00E+00	0.00E+00	-2.49E-10	-1.87E-08	6.19E-04	-6.58E-01	0.00E+00	0.00E+00	-2.13E-01	0.00E+00	2.94E-02	0.00E+00	1.42E-09	-2.46E-09	-2.62E-04	-2.12E-10	-6.60E-02	0.00E+00	2.94E-02	-5.90E-06	2.94E-02	-1.82E-01	-6.60E-02	0.00E+00	0.00E+00	0.00E+00	-7.82E+00
WH36622305C	-2.50E-03	-2.17E-02	4.75E-04	-3.58E-02	0.00E+00	0.00E+00	-4.91E-01	-2.05E-04	7.14E-05	-1.18E-03	0.00E+00	0.00E+00	-3.64E-10	-2.00E-08	-6.85E-02	-9.80E-01	0.00E+00	0.00E+00	-3.99E-01	0.00E+00	-4.71E-01	0.00E+00	1.11E-09	-4.07E-09	-2.68E-04	-2.12E-10	-1.87E-01	0.00E+00	-4.71E-01	-8.32E-06	-4.71E-01	-8.19E-01	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
WH36622305Q	-2.46E-03	2.52E-03	4.35E-04	-1.33E-02	0.00E+00	0.00E+00	-5.43E-01	-2.41E-04	2.33E-05	-7.51E-04	0.00E+00	0.00E+00	-3.19E-10	-2.58E-08	1.51E-03	-1.30E+00	0.00E+00	0.00E+00	-2.89E-01	0.00E+00	8.96E-02	0.00E+00	5.76E-09	-3.50E-09	-3.59E-04	-2.12E-10	-1.35E-01	0.00E+00	8.96E-02	-6.84E-06	8.96E-02	-1.85E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
WH36622349A	-4.72E-03	-7.43E-02	4.02E-04	-1.05E-01	0.00E+00	0.00E+00	-1.04E+00	-6.65E-04	-3.56E-05	-1.76E-03	0.00E+00	0.00E+00	-6.47E-10	-7.04E-08	7.86E-04	-3.37E+00	0.00E+00	0.00E+00	-4.77E-01	0.00E+00	-1.45E-01	0.00E+00	5.53E-10	-1.01E-08	-8.25E-04	-2.12E-10	-4.84E-01	0.00E+00	-1.45E-01	-1.41E-05	-1.45E-01	-1.33E+00	-4.84E-01	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
WH36622349Q	-5.52E-03	-1.92E-01	7.37E-04	-1.20E-01	0.00E+00	0.00E+00	-1.09E+00	-6.55E-04	-6.06E-05	-1.92E-03	0.00E+00	0.00E+00	-7.56E-10	-6.87E-08	1.66E-03	-4.74E+00	0.00E+00	0.00E+00	-5.52E-01	0.00E+00	7.62E-02	0.00E+00	1.75E-09	-1.24E-08	-8.68E-04	-2.12E-10	-6.55E-01	0.00E+00	7.62E-02	-1.48E-05	7.62E-02	-1.38E+00	-6.55E-01	0.00E+00	0.00E+00	0.00E+00	-2.41E+01
WH36625300A	-3.19E-03	5.94E-03	6.85E-04	-2.05E-02	0.00E+00	0.00E+00	-4.94E-01	-2.36E-04	9.25E-05	-7.03E-04	0.00E+00	0.00E+00	-3.23E-10	-2.41E-08	1.77E-03	-1.10E+00	0.00E+00	0.00E+00	-3.71E-01	0.00E+00	4.44E-02	0.00E+00	3.15E-09	-4.05E-09	-3.21E-04	-2.12E-10	-2.39E-01	0.00E+00	4.44E-02	-7.04E-06	4.44E-02	-3.11E-01	-2.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+01
WH36625300C	9.56E-04	1.11E-01	2.90E-03	1.08E-01	0.00E+00	0.00E+00	4.06E-01	-6.67E-06	5.34E-04	1.06E-03	0.00E+00	0.00E+00	-1.34E-10	4.66E-09	9.04E-03	2.21E-01	0.00E+00	0.00E+00	3.57E-01	0.00E+00	1.22E+00	0.00E+00	1.02E-08	3.91E-09	2.74E-04	0.00E+00	7.18E-02	0.00E+00	1.22E+00	3.31E-08	1.22E+00	1.29E+00	7.18E-02	0.00E+00	0.00E+00	0.00E+00	1.23E+01
WH36625300Q	-7.97E-03	-2.78E-01	-2.21E-03	-2.76E-01	0.00E+00	0.00E+00	-2.05E+00	-7.78E-04	-3.83E-04	-4.89E-03	0.00E+00	0.00E+00	-1.22E-09	-9.12E-08	-2.99E-03	-1.71E+01	0.00E+00	0.00E+00	-1.74E+00	0.00E+00	-1.18E+00	0.00E+00	-6.46E-09	-2.47E-08	-1.44E-03	0.00E+00	-2.57E+00	0.00E+00	-1.18E+00	-2.32E-05	-1.18E+00	-3.75E+00	-2.57E+00	0.00E+00	0.00E+00	0.00E+00	-7.33E+01
WH36625303A	-2.15E-03	1.52E-02	8.53E-04	4.14E-05	0.00E+00	0.00E+00	-3.50E-01	-2.21E-04	6.87E-05	-5.95E-04	0.00E+00	0.00E+00	-2.91E-10	-2.14E-08	1.96E-03	-7.73E-01	0.00E+00	0.00E+00	-3.42E-01	0.00E+00	6.03E-02	0.00E+00	2.99E-09	-3.35E-09	-3.60E-04	-2.12E-10	-1.97E-01	0.00E+00	6.03E-02	-6.33E-06	6.03E-02	-2.21E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+01
WH36625303C	-2.59E-03	-1.55E-02	6.92E-04	-5.32E-02	0.00E+00	0.00E+00	-4.13E-01	-2.26E-04	1.04E-04	-1.09E-03	0.00E+00	0.00E+00	-3.96E-10	-2.27E-08	-7.14E-02	-1.20E+00	0.00E+00	0.00E+00	-5.35E-01	0.00E+00	-5.42E-01	0.00E+00	2.22E-09	-4.82E-09	-3.82E-04	-2.12E-10	-3.51E-01	0.00E+00	-5.42E-01	-8.11E-06	-5.42E-01	-1.08E+00	-3.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
WH36625303Q	-2.49E-03	4.38E-02	5.51E-04	3.60E-02	0.00E+00	0.00E+00	-6.19E-01	-2.78E-04	-5.34E-05	-8.99E-04	0.00E+00	0.00E+00	-3.40E-10	-2.99E-08	3.92E-03	-1.73E+00	0.00E+00	0.00E+00	-3.55E-01	0.00E+00	2.44E-01	0.00E+00	9.29E-09	-3.68E-09	-3.87E-04	-2.12E-10	-2.82E-01	0.00E+00	2.44E-01	-7.22E-06	2.44E-01	1.63E-01	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+01
WH36625305A	-2.15E-03	1.52E-02	8.53E-04	4.14E-05	0.00E+00	0.00E+00	-3.50E-01	-2.21E-04	6.87E-05	-5.95E-04	0.00E+00	0.00E+00	-2.91E-10	-2.14E-08	1.96E-03	-7.73E-01	0.00E+00	0.00E+00	-3.42E-01	0.00E+00	6.03E-02	0.00E+00	2.99E-09	-3.35E-09	-3.60E-04	-2.12E-10	-1.97E-01	0.00E+00	6.03E-02	-6.33E-06	6.03E-02	-2.21E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+01
WH36625305C	-2.59E-03	-1.55E-02	6.92E-04	-5.32E-02	0.00E+00	0.00E+00	-4.13E-01	-2.26E-04	1.04E-04	-1.09E-03	0.00E+00	0.00E+00	-3.96E-10	-2.27E-08	-7.14E-02	-1.20E+00	0.00E+00	0.00E+00	-5.35E-01	0.00E+00	-5.42E-01	0.00E+00	2.22E-09	-4.82E-09	-3.82E-04	-2.12E-10	-3.51E-01	0.00E+00	-5.42E-01	-8.11E-06	-5.42E-01	-1.08E+00	-3.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
WH36625305Q	-2.49E-03	3.63E-02	5.13E-04	2.76E-02	0.00E+00	0.00E+00	-6.36E-01	-2.78E-04	-6.44E-05	-9.52E-04	0.00E+00	0.00E+00	-3.40E-10	-3.05E-08	3.96E-03	-1.90E+00	0.00E+00	0.00E+00	-3.83E-01	0.00E+00	2.44E-01	0.00E+00	8.72E-09	-4.86E-09	-3.96E-04	-2.12E-10	-3.37E-01	0.00E+00	2.44E-01	-7.24E-06	2.44E-01	-1.20E-01	-3.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
WH36625349A	-2.15E-03	1.52E-02	8.53E-04	4.14E-05	0.00E+00	0.00E+00	-3.50E-01	-2.21E-04	6.87E-05	-5.95E-04	0.00E+00	0.00E+00	-2.91E-10	-2.14E-08	1.96E-03	-7.73E-01	0.00E+00	0.00E+00	-3.42E-01	0.00E+00	6.03E-02	0.00E+00	2.99E-09	-3.35E-09	-3.60E-04	-2.12E-10	-1.97E-01	0.00E+00	6.03E-02	-6.33E-06	6.03E-02	-2.21E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+01
WH36625349C	-2.59E-03	-1.55E-02	6.92E-04	-5.32E-02	0.00E+00	0.00E+00	-4.13E-01	-2.26E-04	1.04E-04	-1.09E-03	0.00E+00	0.00E+00	-3.96E-10	-2.27E-08	-7.14E-02	-1.20E+00	0.00E+00	0.00E+00	-5.35E-01	0.00E+00	-5.42E-01	0.00E+00	2.22E-09	-4.82E-09	-3.82E-04	-2.12E-10	-3.51E-01	0.00E+00	-5.42E-01	-8.11E-06	-5.42E-01	-1.08E+00	-3.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
WH36625349Q	-2.49E-03	4.38E-02	5.51E-04	3.60E-02	0.00E+00	0.00E+00	-6.19E-01	-2.78E-04	-5.34E-05	-8.99E-04	0.00E+00	0.00E+00	-3.40E-10	-2.99E-08	3.92E-03	-1.73E+00	0.00E+00	0.00E+00	-3.55E-01	0.00E+00	2.44E-01	0.00E+00	9.29E-09	-3.68E-09	-3.87E-04	-2.12E-10	-2.82E-01	0.00E+00	2.44E-01	-7.22E-06	2.44E-01	1.63E-01	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+01
WH36627300A	-2.73E-03	4.92E-03	4.85E-04	2.20E-03	0.00E+00	0.00E+00	-4.68E-01	-1.97E-04	1.02E-04	-6.91E-04	0.00E+00	0.00E+00	-2.63E-10	-2.00E-08	7.19E-04	-6.83E-01	0.00E+00	0.00E+00	-2.54E-01	0.00E+00	2.86E-02	0.00E+00	1.68E-09	-3.03E-09	-1.98E-04	-2.12E-10	-6.69E-02	0.00E+00	2.86E-02	-6.34E-06	2.86E-02	-1.93E-01	-6.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.00E+01
WH36627300C	-3.07E-03	-2.10E-02	3.74E-04	-3.64E-02	0.00E+00	0.00E+00	-5.75E-01	-2.19E-04	1.02E-04	-1.23E-03	0.00E+00	0.00E+00	-3.79E-10	-2.18E-08	-6.76E-02	-1.04E+00	0.00E+00	0.00E+00	-4.62E-01	0.00E+00	-5.11E-01	0.00E+00	1.35E-09	-4.52E-09	-2.13E-04	-2.12E-10	-1.87E-01	0.00E+00	-5.11E-01	-8.59E-06	-5.11E-01	-8.80E-01	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+01
WH36627300Q	-3.35E-03	1.68E-02	4.22E-04	-1.07E-02	0.00E+00	0.00E+00	-6.28E-01	-2.49E-04	5.63E-05	-8.21E-04	0.00E+00	0.00E+00	-3.46E-10	-2.71E-08	1.76E-03	-1.33E+00	0.00E+00	0.00E+00	-3.32E-01	0.00E+00	9.76E-02	0.00E+00	6.15E-09	-4.25E-09	-2.88E-04	-2.12E-10	-1.36E-01	0.00E+00	9.76E-02	-7.38E-06	9.76E-02	-1.04E-01	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
WH36627303A	-1.90E-03	4.62E-03	5.54E-04	4.65E-03	0.00E+00	0.00E+00	-3.83E-01	-1.90E-04	6.55E-05	-6.46E-04	0.00E+00	0.00E+00	-2.49E-10	-1.87E-08	6.19E-04	-6.58E-01	0.00E+00	0.00E+00	-2.13E-01	0.00E+00	2.94E-02	0.00E+00	1.42E-09	-2.46E-09	-2.62E-04	-2.12E-10	-6.60E-02	0.00E+00	2.94E-02	-5.90E-06	2.94E-02	-1.82E-01	-6.60E-02	0.00E+00	0.00E+00	0.00E+00	-7.82E+00
WH36627303Q	-2.46E-03	2.52E-03	4.35E-04	-1.33E-02	0.00E+00	0.00E+00	-5.43E-01	-2.41E-04	2.33E-05	-7.51E-04	0.00E+00	0.00E+00	-3.19E-10	-2.55E-08	1.54E-03	-1.30E+00	0.00E+00	0.00E+00	-2.89E-01	0.00E+00	8.96E-02	0.00E+00	5.76E-09	-3.43E-09	-3.59E-04	-2.12E-10	-1.35E-01	0.00E+00	8.96E-02	-6.84E-06	8.96E-02	-1.85E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
WH36627305A	-1.90E-03	4.62E-03	5.54E-04	4.65E-03	0.00E+00	0.00E+00	-3.83E-01	-1.90E-04	6.55E-05	-6.46E-04	0.00E+00	0.00E+00	-2.49E-10	-1.87E-08	6.19E-04	-6.58E-01	0.00E+00	0.00E+00	-2.13E-01	0.00E+00	2.94E-02	0.00E+00	1.42E-09	-2.46E-09	-2.62E-04	-2.12E-10	-6.60E-02	0.00E+00	2.94E-02	-5.90E-06	2.94E-02	-1.82E-01	-6.60E-02	0.00E+00	0.00E+00	0.00E+00	-7.82E+00

WH36627305Q	-2.46E-03	2.52E-03	4.35E-04	-1.33E-02	0.00E+00	0.00E+00	-5.43E-01	-2.41E-04	2.33E-05	-7.51E-04	0.00E+00	0.00E+00	-3.19E-10	-2.58E-08	1.51E-03	-1.30E+00	0.00E+00	0.00E+00	-2.89E-01	0.00E+00	8.96E-02	0.00E+00	5.76E-09	-3.50E-09	-3.59E-04	-2.12E-10	-1.35E-01	0.00E+00	8.96E-02	-6.84E-06	8.96E-02	-1.85E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
WH36627349Q	-5.52E-03	-1.92E-01	7.37E-04	-1.20E-01	0.00E+00	0.00E+00	-1.09E+00	-6.55E-04	-6.06E-05	-1.92E-03	0.00E+00	0.00E+00	-7.56E-10	-6.87E-08	1.66E-03	-4.74E+00	0.00E+00	0.00E+00	-5.52E-01	0.00E+00	7.62E-02	0.00E+00	1.75E-09	-1.24E-08	-8.68E-04	-2.12E-10	-6.55E-01	0.00E+00	7.62E-02	-1.48E-05	7.62E-02	-1.38E+00	-6.55E-01	0.00E+00	0.00E+00	0.00E+00	-2.41E+01
WH36640300A	3.20E-04	1.28E-02	1.23E-03	1.16E-02	0.00E+00	0.00E+00	3.13E-01	5.47E-07	1.97E-04	1.93E-04	0.00E+00	0.00E+00	5.30E-11	2.44E-09	1.44E-03	-4.95E-01	0.00E+00	0.00E+00	2.31E-01	0.00E+00	3.13E-01	0.00E+00	2.39E-09	1.00E-09	6.66E-05	0.00E+00	-4.41E-02	0.00E+00	3.13E-01	5.71E-08	3.13E-01	2.69E-01	-4.41E-02	0.00E+00	0.00E+00	0.00E+00	8.50E+00
WH36640300C	-4.80E-04	-5.67E-02	1.85E-04	-5.69E-02	0.00E+00	0.00E+00	3.53E-01	5.45E-07	1.32E-04	-4.62E-04	0.00E+00	0.00E+00	9.69E-12	1.17E-09	-1.19E-01	-5.76E-01	0.00E+00	0.00E+00	-1.83E+00	0.00E+00	-1.34E+00	0.00E+00	2.77E-09	-8.26E-09	-1.61E-04	0.00E+00	-8.18E-01	0.00E+00	-1.34E+00	5.18E-08	-1.34E+00	-2.16E+00	-8.18E-01	0.00E+00	0.00E+00	0.00E+00	-6.42E+01
WH36640300Q	1.09E-03	4.01E-01	3.91E-03	3.97E-01	0.00E+00	0.00E+00	5.47E-01	6.14E-07	4.49E-04	3.18E-03	0.00E+00	0.00E+00	1.18E-10	3.18E-09	6.04E-03	1.74E-01	0.00E+00	0.00E+00	4.72E-01	0.00E+00	1.45E+00	0.00E+00	1.41E-08	6.92E-09	7.55E-04	0.00E+00	9.12E-02	0.00E+00	1.45E+00	2.26E-07	1.45E+00	1.54E+00	9.12E-02	0.00E+00	0.00E+00	0.00E+00	1.59E+01
WH36640303A	-9.56E-03	-4.57E-02	-1.42E-03	-4.43E-02	0.00E+00	0.00E+00	-2.31E+00	-9.76E-04	-4.00E-04	-5.16E-03	0.00E+00	0.00E+00	-1.40E-09	-1.14E-07	3.70E-05	-9.39E-01	0.00E+00	0.00E+00	-1.79E+00	0.00E+00	-2.58E-01	0.00E+00	8.80E-10	-1.71E-08	-1.50E-03	0.00E+00	-1.91E-01	0.00E+00	-2.58E-01	-2.80E-05	-2.58E-01	-4.49E-01	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	-7.79E+01
WH36640303C	8.71E-04	2.06E-03	2.43E-03	-3.62E-04	0.00E+00	0.00E+00	3.20E-01	-7.66E-06	6.53E-04	4.28E-04	0.00E+00	0.00E+00	-1.57E-10	6.07E-09	6.56E-03	-4.59E+00	0.00E+00	0.00E+00	1.84E-01	0.00E+00	3.97E-01	0.00E+00	3.80E-09	-1.21E-09	9.05E-05	0.00E+00	-6.50E-01	0.00E+00	3.97E-01	-3.86E-07	3.97E-01	-2.53E-01	-6.50E-01	0.00E+00	0.00E+00	0.00E+00	6.08E+00
WH36640303Q	-8.99E-03	-2.30E-02	3.15E-04	-2.33E-02	0.00E+00	0.00E+00	-1.90E+00	-9.56E-04	-3.16E-04	-4.29E-03	0.00E+00	0.00E+00	-1.13E-09	-1.11E-07	3.79E-03	-5.60E+00	0.00E+00	0.00E+00	-1.29E+00	0.00E+00	9.93E-01	0.00E+00	9.81E-09	-1.34E-08	-1.18E-03	0.00E+00	-8.13E-01	0.00E+00	9.93E-01	-2.67E-05	9.93E-01	1.80E-01	-8.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.85E+01
WH36640305A	1.34E-03	1.47E-01	3.85E-03	1.43E-01	0.00E+00	0.00E+00	6.85E-01	1.56E-06	7.37E-04	1.42E-03	0.00E+00	0.00E+00	1.20E-10	7.62E-09	5.49E-03	2.90E-01	0.00E+00	0.00E+00	6.82E-01	0.00E+00	1.49E+00	0.00E+00	1.20E-08	6.37E-09	4.27E-04	0.00E+00	1.24E-01	0.00E+00	1.49E+00	4.72E-07	1.49E+00	1.61E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
WH36640305C	-6.60E-04	-1.49E-01	-4.74E-04	-1.49E-01	0.00E+00	0.00E+00	2.98E-01	5.38E-07	7.33E-05	-1.16E-03	0.00E+00	0.00E+00	-6.04E-12	9.94E-10	-1.20E-01	-7.82E-01	0.00E+00	0.00E+00	-1.88E+00	0.00E+00	-1.61E+00	0.00E+00	-7.80E-12	-9.67E-09	-3.23E-04	0.00E+00	-8.57E-01	0.00E+00	-1.61E+00	1.77E-08	-1.61E+00	-2.46E+00	-8.57E-01	0.00E+00	0.00E+00	0.00E+00	-6.59E+01
WH36640305Q	-8.51E-03	1.70E-01	1.86E-03	1.68E-01	0.00E+00	0.00E+00	-1.67E+00	-9.55E-04	-2.04E-04	-2.97E-03	0.00E+00	0.00E+00	-1.08E-09	-1.10E-07	7.55E-03	-5.64E-01	0.00E+00	0.00E+00	-9.77E-01	0.00E+00	2.12E+00	0.00E+00	1.91E-08	-6.59E-09	-8.29E-04	0.00E+00	-4.18E-02	0.00E+00	2.12E+00	-2.63E-05	2.12E+00	2.08E+00	-4.18E-02	0.00E+00	0.00E+00	0.00E+00	-4.75E+01
WH36640349A	-2.68E-03	8.88E-03	1.21E-03	4.73E-03	0.00E+00	0.00E+00	-5.19E-01	-3.85E-04	5.20E-05	-6.66E-04	0.00E+00	0.00E+00	-4.28E-10	-4.74E-08	2.00E-03	-1.08E+00	0.00E+00	0.00E+00	-5.61E-01	0.00E+00	1.04E-01	0.00E+00	4.29E-09	-4.42E-09	-6.05E-04	-2.12E-10	-1.97E-01	0.00E+00	1.04E-01	-9.86E-06	1.04E-01	-2.13E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
WH36640349C	-1.08E-02	-3.34E-01	-4.18E-03	-3.30E-01	0.00E+00	0.00E+00	-2.48E+00	-9.66E-04	-5.79E-04	-7.23E-03	0.00E+00	0.00E+00	-1.48E-09	-1.14E-07	-1.25E-01	-6.26E+00	0.00E+00	0.00E+00	-4.14E+00	0.00E+00	-3.09E+00	0.00E+00	-8.74E-09	-3.34E-08	-2.10E-03	0.00E+00	-1.77E+00	0.00E+00	-3.09E+00	-2.81E-05	-3.09E+00	-4.86E+00	-1.77E+00	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
WH36640349Q	-2.79E-03	4.20E-02	9.54E-04	6.50E-02	0.00E+00	0.00E+00	-7.85E-01	-4.24E-04	-5.54E-05	-1.00E-03	0.00E+00	0.00E+00	-4.64E-10	-5.44E-08	4.40E-03	-1.88E+00	0.00E+00	0.00E+00	-5.88E-01	0.00E+00	3.25E-01	0.00E+00	9.44E-09	-5.12E-09	-5.97E-04	-2.12E-10	-3.12E-01	0.00E+00	3.25E-01	-1.07E-05	3.25E-01	2.05E-01	-3.12E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+01
WH36640700A	-3.62E-03	-1.05E-02	6.93E-04	-1.65E-02	0.00E+00	0.00E+00	-7.58E-01	-3.70E-04	3.54E-05	-6.26E-04	0.00E+00	0.00E+00	-4.61E-10	-4.34E-08	2.13E-03	-1.31E+00	0.00E+00	0.00E+00	-4.74E-01	0.00E+00	6.42E-02	0.00E+00	2.10E-09	-4.91E-09	-4.32E-04	-2.12E-10	-2.35E-01	0.00E+00	6.42E-02	-1.10E-05	6.42E-02	-2.60E-01	-2.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+01
WH36640700C	-1.03E-02	-1.60E-01	-2.07E-03	-1.58E-01	0.00E+00	0.00E+00	-2.54E+00	-1.03E-03	-4.66E-04	-6.05E-03	0.00E+00	0.00E+00	-1.49E-09	-1.20E-07	2.33E-03	-6.07E+00	0.00E+00	0.00E+00	-2.11E+00	0.00E+00	-9.35E-01	0.00E+00	-4.93E-09	-2.31E-08	-1.76E-03	0.00E+00	-9.76E-01	0.00E+00	-9.35E-01	-2.98E-05	-9.35E-01	-1.91E+00	-9.76E-01	0.00E+00	0.00E+00	0.00E+00	-9.03E+01
WH36640700Q	-3.70E-03	5.70E-03	3.63E-04	8.51E-03	0.00E+00	0.00E+00	-8.32E-01	-3.89E-04	-4.35E-05	-1.02E-03	0.00E+00	0.00E+00	-4.62E-10	-4.83E-08	1.69E-03	-3.89E+00	0.00E+00	0.00E+00	-5.09E-01	0.00E+00	2.18E-01	0.00E+00	1.56E-09	-6.24E-09	-4.69E-04	-2.12E-10	-6.24E-01	0.00E+00	2.18E-01	-1.10E-05	2.18E-01	-6.72E-01	-6.24E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+01
WH36640703A	-2.75E-03	9.70E-03	1.17E-03	3.39E-04	0.00E+00	0.00E+00	-5.15E-01	-3.36E-04	5.92E-05	-5.78E-04	0.00E+00	0.00E+00	-3.98E-10	-4.21E-08	2.03E-03	-1.08E+00	0.00E+00	0.00E+00	-4.33E-01	0.00E+00	9.35E-02	0.00E+00	3.94E-09	-4.31E-09	-4.73E-04	-2.12E-10	-2.08E-01	0.00E+00	9.35E-02	-9.67E-06	9.35E-02	-2.23E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+01
WH36640703C	-3.20E-03	-2.99E-02	7.38E-04	-6.08E-02	0.00E+00	0.00E+00	-6.18E-01	-3.21E-04	6.86E-05	-1.07E-03	0.00E+00	0.00E+00	-5.04E-10	-4.22E-08	-7.29E-02	-1.52E+00	0.00E+00	0.00E+00	-6.26E-01	0.00E+00	-6.60E-01	0.00E+00	2.83E-09	-5.78E-09	-4.62E-04	-2.12E-10	-3.86E-01	0.00E+00	-6.60E-01	-1.23E-05	-6.60E-01	-1.21E+00	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+01
WH36640703Q	-2.91E-03	4.16E-02	8.31E-04	6.06E-02	0.00E+00	0.00E+00	-7.72E-01	-3.76E-04	-5.39E-05	-9.33E-04	0.00E+00	0.00E+00	-4.34E-10	-4.86E-08	4.31E-03	-1.92E+00	0.00E+00	0.00E+00	-4.63E-01	0.00E+00	3.01E-01	0.00E+00	9.14E-09	-5.09E-09	-4.79E-04	-2.12E-10	-3.31E-01	0.00E+00	3.01E-01	-1.04E-05	3.01E-01	2.05E-01	-3.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.55E+01
WH36640705A	-2.59E-03	1.64E-02	1.17E-03	9.47E-03	0.00E+00	0.00E+00	-5.02E-01	-3.36E-04	6.77E-05	-5.78E-04	0.00E+00	0.00E+00	-3.98E-10	-4.10E-08	2.65E-03	-8.54E-01	0.00E+00	0.00E+00	-4.33E-01	0.00E+00	9.35E-02	0.00E+00	4.01E-09	-4.24E-09	-4.54E-04	-2.12E-10	-1.93E-01	0.00E+00	9.35E-02	-9.67E-06	9.35E-02	-1.46E-01	-1.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+01
WH36640705C	-3.04E-03	-2.57E-02	7.38E-04	-5.16E-02	0.00E+00	0.00E+00	-6.05E-01	-3.21E-04	7.50E-05	-1.07E-03	0.00E+00	0.00E+00	-5.04E-10	-4.08E-08	-7.72E-02	-1.29E+00	0.00E+00	0.00E+00	-6.26E-01	0.00E+00	-6.60E-01	0.00E+00	2.89E-09	-5.72E-09	-4.43E-04	-2.12E-10	-3.70E-01	0.00E+00	-6.60E-01	-1.23E-05	-6.60E-01	-1.13E+00	-3.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+01
WH36640705Q	-2.91E-03	3.42E-02	7.92E-04	5.42E-02	0.00E+00	0.00E+00	-7.72E-01	-3.76E-04	-5.74E-05	-9.41E-04	0.00E+00	0.00E+00	-4.34E-10	-4.88E-08	4.63E-03	-1.92E+00	0.00E+00	0.00E+00	-4.69E-01	0.00E+00	3.01E-01	0.00E+00	8.83E-09	-5.21E-09	-4.75E-04	-2.12E-10	-3.31E-01	0.00E+00	3.01E-01	-1.04E-05	3.01E-01	2.76E-02	-3.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+01
WH36640749A	-2.75E-03	9.70E-03	1.17E-03	3.39E-04	0.00E+00	0.00E+00	-5.15E-01	-3.36E-04	5.92E-05	-5.78E-04	0.00E+00	0.00E+00	-3.98E-10	-4.21E-08	2.03E-03	-1.08E+00	0.00E+00	0.00E+00	-4.33E-01	0.00E+00	9.35E-02	0.00E+00	3.94E-09	-4.31E-09	-4.73E-04	-2.12E-10	-2.08E-01	0.00E+00	9.35E-02	-9.67E-06	9.35E-02	-2.23E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+01
WH36640749C	-3.20E-03	-2.99E-02	7.38E-04	-6.08E-02	0.00E+00	0.00E+00	-6.18E-01	-3.21E-04	6.86E-05	-1.07E-03	0.00E+00	0.00E+00	-5.04E-10	-4.22E-08	-7.29E-02	-1.52E+00	0.00E+00	0.00E+00	-6.26E-01	0.00E+00	-6.60E-01	0.00E+00	2.83E-09	-5.78E-09	-4.62E-04	-2.12E-10	-3.86E-01	0.00E+00	-6.60E-01	-1.23E-05	-6.60E-01	-1.21E+00	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+01
WH36640749Q	-2.91E-03	4.16E-02	8.31E-04	6.06E-02	0.00E+00	0.00E+00	-7.72E-01	-3.76E-04	-5.39E-05	-9.33E-04	0.00E+00	0.00E+00	-4.34E-10	-4.86E-08	4.31E-03	-1.92E+00	0.00E+00	0.00E+00	-4.63E-01	0.00E+00	3.01E-01	0.00E+00	9.14E-09	-5.09E-09	-4.79E-04	-2.12E-10	-3.31E-01	0.00E+00	3.01E-01	-1.04E-05	3.01E-01	2.05E-01	-3.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.55E+01
WH36642300A	-2.91E-03	3.82E-03	5.55E-04	6.40E-03	0.00E+00	0.00E+00	-6.36E-01	-3.70E-04	7.57E-05	-7.62E-04	0.00E+00	0.00E+00	-4.46E-10	-4.31E-08	1.03E-03	-7.01E-01	0.00E+00	0.00E+00	-5.19E-01	0.00E+00	1.91E-02	0.00E+00	1.75E-09	-4.07E-09	-4.54E-04	-2.12E-10	-6.65E-02	0.00E+00	1.91E-02	-1.06E-05	1.91E-02	-1.57E-01	-6.65E-02	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
WH36642300C	-3.29E-03	-2.26E-02	4.24E-04	-3.60E-02	0.00E+00	0.00E+00	-7.50E-01	-3.53E-04	9.96E-05	-1.31E-03	0.00E+00	0.00E+00	-5.16E-10	-4.01E-08	-7.34E-02	-9.77E-01	0.00E+00	0.00E+00	-6.94E-01	0.00E+00	-5.89E-01	0.00E+00	1.42E-09	-5.22E-09	-3.98E-04	-2.12E-10	-1.96E-01	0.00E+00	-5.89E-01	-1.27E-05	-5.89E-01	-9.14E-01	-1.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E+01
WH36642300Q	-3.57E-03	1.81E-02	4.90E-04	-8.46E-04	0.00E+00	0.00E+00	-8.04E-01	-4.34E-04	3.51E-05	-8.43E-04	0.00E+00	0.00E+00	-5.09E-10	-5.10E-08	1.89E-03	-1.24E+00	0.00E+00	0.00E+00	-5.73E-01	0.00E+00	1.15E-01	0.00E+00	6.56E-09	-5.25E-09	-5.57E-04	-2.12E-10	-1.27E-01	0.00E+00	1.15E-01	-1.15E-05	1.15E-01	-6.78E-02	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+01
WH36642303A	-2.20E-03	3.71E-03	6.52E-04	7.20E-03	0.00E+00	0.00E+00	-5.78E-01	-3.58E-04	5.90E-05	-7.50E-04	0.00E+00	0.00E+00	-4.21E-10	-4.34E-08	1.12E-03	-6.85E-01	0.00E+00	0.00E+00	-4.56E-01	0.00E+00	2.19E-02	0.00E+00	1.52E-09	-3.71E-09	-5.00E-04	-2.12E-10	-6.41E-02	0.00E+00	2.19E-02	-9.95E-06	2.19E-02	-1.57E-01	-6.41E-02	0.00E+00	0.00E+00	0.00E+00	-1.15E+01
WH36642303C	-2.84E-03	-2.25E-02	5.23E-04	-3.52E-02	0.00E+00	0.00E+00	-6.84E-01	-3.33E-04	8.21E-05	-1.27E-03	0.00E+00	0.00E+00	-4.91E-10	-3.98E-08	-7.42E-02	-9.30E-01	0.00E+00	0.00E+00	-6.06E-01	0.00E+00	-5.47E-01	0.00E+00	1.22E-09	-4.95E-09	-4.36E-04	-2.12E-10	-1.94E-01	0.00E+00	-5.47E-01	-1.24E-05	-5.47E-01	-8.53E-01	-1.94E-01	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH36642303Q	-2.74E-03	3.46E-03	5.05E-04	-3.21E-03	0.00E+00	0.00E+00	-7.26E-01	-4.21E-04	1.97E-05	-8.42E-04	0.00E+00	0.00E+00	-4.64E-10	-5.11E-08	1.79E-03	-1.21E+00	0.00E+00	0.00E+00	-5.16E-01	0.00E+00	1.09E-01	0.00E+00	6.15E-09	-4.63E-09	-6.19E-04	-2.12E-10	-1.25E-01	0.00E+00	1.09E-01	-1.08E-05	1.09E-01	-1.59E-01	-1.25E-01	0.00E+00	0.00E+00	0.00E+00	-1.64E+01
WH36642305A	-2.20E-03	3.71E-03	6.52E-04	7.20E-03	0.00E+00	0.00E+00	-5.78E-01	-3.58E-04	5.90E-05	-7.50E-04	0.00E+00	0.00E+00	-4.21E-10	-4.34E-08	1.12E-03	-6.85E-01	0.00E+00	0.00E+00	-4.56E-01	0.00E+00	2.19E-02	0.00E+00	1.52E-09	-3.71E-09	-5.00E-04	-2.12E-10	-6.41E-02	0.00E+00	2.19E-02	-9.95E-06	2.19E-02	-1.57E-01	-6.41E-02	0.00E+00	0.00E+00	0.00E+00	-1.15E+01
WH36642305C	-2.84E-03	-2.25E-02	5.23E-04	-3.52E-02	0.00E+00	0.00E+00	-6.84E-01	-3.33E-04	8.21E-05	-1.27E-03	0.00E+00	0.00E+00	-4.91E-10	-3.98E-08	-7.42E-02	-9.30E-01	0.00E+00	0.00E+00	-6.06E-01	0.00E+00	-5.47E-01	0.00E+00	1.22E-09	-4.95E-09	-4.36E-04	-2.12E-10	-1.94E-01	0.00E+00	-5.47E-01	-1.24E-05	-5.47E-01	-8.53E-01	-1.94E-01	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
WH36642305Q	-2.74E-03	3.46E-03	4.95E-04	-3.21E-03	0.00E+00	0.00E+00	-7.26E-01	-4.21E-04	1.97E-05	-8.42E-04	0.00E+00	0.00E+00	-4.64E-10	-5.11E-08	1.79E-03	-1.21E+00	0.00E+00	0.00E+00	-5.16E-01	0.00E+00	1.09E-01	0.00E+00	6.15E-09	-4.70E-09	-6.19E-04	-2.12E-10	-1.25E-01	0.00E+00	1.09E-01	-1.08E-05	1.09E-01	-1.59E-01	-1.25E-01	0.00E+00	0.00E+00	0.00E+00	-1.64E+01
WH36642349Q	-5.61E-03	-1.91E-01	9.57E-04	-1.11E-01	0.00E+00	0.00E+00	-1.12E+00	-7.16E-04	-8.09E-05	-1.86E-03	0.00E+00	0.00E+00	-7.54E-10	-7.58E-08	2.15E-03	-4.72E+00	0.00E+00	0.00E+00	-5.30E-01	0.00E+00	7.62E-02	0.00E+00	2.24E-09	-1.25E-08	-8.73E-04	-2.12E-10	-6.68E-01	0.00E+00	7.62E-02	-1.64E-05	7.62E-02	-1.26E+00	-6.68E-01	0.00E+00	0.00E+00	0.00E+00	-2.86E+01
WH36642700Q	-3.68E-03	1.88E-02	4.80E-04	-2.76E-03	0.00E+00	0.00E+00	-7.96E-01	-3.80E-04	5.09E-05	-7.50E-04	0.00E+00	0.00E+00	-4.75E-10	-4.49E-08	1.99E-03	-1.28E+00	0.00E+00	0.00E+00	-4.53E-01	0.00E+00	9.25E-02	0.00E+00	6.28E-09	-5.09E-09	-3.77E-04	-2.12E-10	-1.35E-01	0.00E+00	9.25E-02	-1.08E-05	9.25E-02	-7.72E-02	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.05E+01
WH36642703A	-2.38E-03	5.47E-03	7.11E-04	7.12E-03	0.00E+00	0.00E+00	-5.55E-01	-3.04E-04	7.55E-05	-6.47E-04	0.00E+00	0.00E+00	-3.79E-10	-3.78E-08	1.23E-03	-6.80E-01	0.00E+00	0.00E+00	-3.32E-01	0.00E+00	2.31E-02	0.00E+00	1.68E-09	-3.40E-09	-3.33E-04	-2.12E-10	-6.64E-02	0.00E+00	2.31E-02	-9.24E-06	2.31E-02	-1.66E-01	-6.64E-02	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
WH36642703C	-2.98E-03	-2.12E-02	5.04E-04	-3.50E-02	0.00E+00	0.00E+00	-6.86E-01	-2.99E-04	5.46E-05	-1.18E-03	0.00E+00	0.00E+00	-4.88E-10	-3.72E-08	-6.90E-02	-1.00E+00	0.00E+00	0.00E+00	-5.14E-01	0.00E+00	-5.56E-01	0.00E+00	1.37E-09	-5.02E-09	-3.08E-04	-2.12E-10	-1.96E-01	0.00E+00	-5.56E-01	-1.22E-05	-5.56E-01	-8.75E-01	-1.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
WH36642703Q	-2.86E-03	4.08E-03	5.25E-04	-5.80E-03	0.00E+00	0.00E+00	-7.13E-01	-3.69E-04	2.90E-05	-7.53E-04	0.00E+00	0.00E+00	-4.34E-10	-4.51E-08	1.88E-03	-1.25E+00	0.00E+00	0.00E+00	-4.00E-01	0.00E+00	8.45E-02	0.00E+00	5.97E-09	-4.43E-09	-4.51E-04	-2.12E-10	-1.35E-01	0.00E+00	8.45E-02	-1.00E-05	8.45E-02	-1.69E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
WH36642705A	-2.38E-03	5.47E-03	7.11E-04	7.12E-03	0.00E+00	0.00E+00	-5.55E-01	-3.04E-04	7.55E-05	-6.47E-04	0.00E+00	0.00E+00	-3.79E-10	-3.78E-08	1.23E-03	-6.80E-01	0.00E+00	0.00E+00	-3.32E-01	0.00E+00	2.31E-02	0.00E+00	1.68E-09	-3.40E-09	-3.33E-04	-2.12E-10	-6.64E-02	0.00E+00	2.31E-02	-9.24E-06	2.31E-02	-1.66E-01	-6.64E-02	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
WH36642705Q	-2.86E-03	4.08E-03	5.25E-04	-5.80E-03	0.00E+00	0.00E+00	-7.13E-01	-3.69E-04	2.90E-05	-7.53E-04	0.00E+00	0.00E+00	-4.34E-10	-4.51E-08	1.87E-03	-1.25E+00	0.00E+00	0.00E+00	-4.00E-01	0.00E+00	8.45E-02	0.00E+00	5.97E-09	-4.51E-09	-4.51E-04	-2.12E-10	-1.35E-01	0.00E+00	8.45E-02	-1.00E-05	8.45E-02	-1.69E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
WH36645300A	-4.39E-03	-1.49E-02	4.97E-04	-1.37E-02	0.00E+00	0.00E+00	-9.15E-01	-5.91E-04	-3.15E-05	-1.55E-03	0.00E+00	0.00E+00	-5.29E-10	-6.24E-08	1.34E-03	-1.53E+00	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	1.33E-01	0.00E+00	2.31E-09	-9.48E-09	-8.38E-04	-2.12E-10	-2.56E-01	0.00E+00	1.33E-01	-1.74E-05	1.33E-01	-2.93E-01	-2.56E-01	0.00E+00	0.00E+00	0.00E+00	-3.57E+01
WH36645300C	-9.47E-03	1.33E-02	-6.04E-04	1.39E-02	0.00E+00	0.00E+00	-2.11E+00	-9.68E-04	-3.64E-04	-4.73E-03	0.00E+00	0.00E+00	-1.15E-09	-1.13E-07	4.74E-03	-9.22E-01	0.00E+00	0.00E+00	-1.67E+00	0.00E+00	-1.73E-01	0.00E+00	3.85E-10	-1.59E-08	-1.37E-03	0.00E+00	-1.89E-01	0.00E+00	-1.73E-01	-2.79E-05	-1.73E-01	-3.62E-01	-1.89E-01	0.00E+00	0.00E+00	0.00E+00	-7.31E+01
WH36645300Q	-9.54E-03	-1.28E-02	-1.22E-03	-1.16E-02	0.00E+00	0.00E+00	-2.17E+00	-9.68E-04	-3.80E-04	-4.91E-03	0.00E+00	0.00E+00	-1.16E-09	-1.13E-07	-6.95E-04	-1.65E+00	0.00E+00	0.00E+00	-1.71E+00	0.00E+00	-4.69E-01	0.00E+00	-1.29E-09	-1.70E-08	-1.42E-03	0.00E+00	-2.91E-01	0.00E+00	-4.69E-01	-2.79E-05	-4.69E-01	-7.60E-01	-2.91E-01	0.00E+00	0.00E+00	0.00E+00	-7.43E+01
WH36645303A	-3.98E-03	5.63E-03	1.01E-03	6.78E-03	0.00E+00	0.00E+00	-6.47E-01	-5.51E-04	1.27E-05	-1.32E-03	0.00E+00	0.00E+00	-4.50E-10	-5.83E-08	1.27E-03	-1.30E+00	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	1.70E-01	0.00E+00	3.90E-09	-8.58E-09	-8.01E-04	-2.12E-10	-2.33E-01	0.00E+00	1.70E-01	-1.65E-05	1.70E-01	-1.90E-01	-2.33E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
WH36645303C	-4.03E-03	-3.13E-02	3.17E-04	-6.33E-02	0.00E+00	0.00E+00	-7.54E-01	-4.97E-04	3.56E-05	-2.15E-03	0.00E+00	0.00E+00	-5.20E-10	-5.99E-08	-4.98E-02	-2.10E+00	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	-6.00E-01	0.00E+00	4.93E-09	-7.93E-09	-8.75E-04	-2.12E-10	-5.84E-01	0.00E+00	-6.00E-01	-1.55E-05	-6.00E-01	-1.25E+00	-5.84E-01	0.00E+00	0.00E+00	0.00E+00	-3.72E+01
WH36645303Q	-4.54E-03	5.41E-02	6.51E-04	8.08E-02	0.00E+00	0.00E+00	-1.19E+00	-6.79E-04	-2.11E-04	-2.60E-03	0.00E+00	0.00E+00	-6.27E-10	-8.22E-08	3.91E-03	-3.15E+00	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	6.09E-01	0.00E+00	1.15E-08	-9.30E-09	-9.18E-04	-2.12E-10	-4.57E-01	0.00E+00	6.09E-01	-1.88E-05	6.09E-01	5.38E-01	-4.57E-01	0.00E+00	0.00E+00	0.00E+00	-3.61E+01
WH36645305A	-3.45E-03	1.20E-02	1.01E-03	1.19E-02	0.00E+00	0.00E+00	-6.26E-01	-5.51E-04	2.23E-05	-1.32E-03	0.00E+00	0.00E+00	-4.50E-10	-5.61E-08	2.42E-03	-1.12E+00	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	1.70E-01	0.00E+00	4.01E-09	-8.47E-09	-7.68E-04	-2.12E-10	-2.25E-01	0.00E+00	1.70E-01	-1.63E-05	1.70E-01	-1.30E-01	-2.25E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
WH36645305C	-3.65E-03	-2.82E-02	3.17E-04	-6.00E-02	0.00E+00	0.00E+00	-7.32E-01	-4.97E-04	4.31E-05	-2.15E-03	0.00E+00	0.00E+00	-5.20E-10	-5.78E-08	-5.63E-02	-1.98E+00	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	-6.00E-01	0.00E+00	4.97E-09	-7.90E-09	-8.43E-04	-2.12E-10	-5.65E-01	0.00E+00	-6.00E-01	-1.55E-05	-6.00E-01	-1.19E+00	-5.65E-01	0.00E+00	0.00E+00	0.00E+00	-3.72E+01
WH36645305Q	-4.54E-03	4.66E-02	5.97E-04	7.59E-02	0.00E+00	0.00E+00	-1.19E+00	-6.79E-04	-2.15E-04	-2.63E-03	0.00E+00	0.00E+00	-6.27E-10	-8.24E-08	4.25E-03	-3.15E+00	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	6.09E-01	0.00E+00	1.12E-08	-9.47E-09	-9.18E-04	-2.12E-10	-4.65E-01	0.00E+00	6.09E-01	-1.88E-05	6.09E-01	3.60E-01	-4.65E-01	0.00E+00	0.00E+00	0.00E+00	-3.63E+01
WH36645349A	-3.98E-03	5.63E-03	1.01E-03	6.78E-03	0.00E+00	0.00E+00	-6.47E-01	-5.51E-04	1.27E-05	-1.32E-03	0.00E+00	0.00E+00	-4.50E-10	-5.83E-08	1.27E-03	-1.30E+00	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	1.70E-01	0.00E+00	3.90E-09	-8.58E-09	-8.01E-04	-2.12E-10	-2.33E-01	0.00E+00	1.70E-01	-1.65E-05	1.70E-01	-1.90E-01	-2.33E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
WH36645349C	-4.03E-03	-3.13E-02	3.17E-04	-6.33E-02	0.00E+00	0.00E+00	-7.54E-01	-4.97E-04	3.56E-05	-2.15E-03	0.00E+00	0.00E+00	-5.20E-10	-5.99E-08	-4.98E-02	-2.10E+00	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	-6.00E-01	0.00E+00	4.93E-09	-7.93E-09	-8.75E-04	-2.12E-10	-5.84E-01	0.00E+00	-6.00E-01	-1.55E-05	-6.00E-01	-1.25E+00	-5.84E-01	0.00E+00	0.00E+00	0.00E+00	-3.72E+01
WH36645349Q	-4.54E-03	5.41E-02	6.51E-04	8.08E-02	0.00E+00	0.00E+00	-1.19E+00	-6.79E-04	-2.11E-04	-2.60E-03	0.00E+00	0.00E+00	-6.27E-10	-8.22E-08	3.91E-03	-3.15E+00	0.00E+00	0.00E+00	-1.16E+00	0.00E+00	6.09E-01	0.00E+00	1.15E-08	-9.30E-09	-9.18E-04	-2.12E-10	-4.57E-01	0.00E+00	6.09E-01	-1.88E-05	6.09E-01	5.38E-01	-4.57E-01	0.00E+00	0.00E+00	0.00E+00	-3.61E+01
WH36647300Q	-4.76E-03	6.01E-02	7.42E-04	7.28E-02	0.00E+00	0.00E+00	-1.05E+00	-6.32E-04	-9.15E-05	-2.30E-03	0.00E+00	0.00E+00	-6.51E-10	-7.25E-08	2.78E-03	-2.28E+00	0.00E+00	0.00E+00	-8.95E-01	0.00E+00	5.22E-01	0.00E+00	9.81E-09	-8.13E-09	-7.10E-04	-2.12E-10	-2.70E-01	0.00E+00	5.22E-01	-1.75E-05	5.22E-01	6.08E-01	-2.70E-01	0.00E+00	0.00E+00	0.00E+00	-3.71E+01
WH36647303Q	-4.63E-03	4.79E-02	5.75E-04	6.61E-02	0.00E+00	0.00E+00	-1.09E+00	-6.75E-04	-1.17E-04	-2.27E-03	0.00E+00	0.00E+00	-6.12E-10	-7.53E-08	2.01E-03	-2.35E+00	0.00E+00	0.00E+00	-9.41E-01	0.00E+00	4.55E-01	0.00E+00	9.22E-09	-8.19E-09	-8.00E-04	-2.12E-10	-2.76E-01	0.00E+00	4.55E-01	-1.79E-05	4.55E-01	5.15E-01	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
WH36647305Q	-4.65E-03	6.39E-02	5.99E-04	6.61E-02	0.00E+00	0.00E+00	-1.09E+00	-6.75E-04	-1.17E-04	-2.27E-03	0.00E+00	0.00E+00	-6.15E-10	-7.59E-08	2.92E-03	-2.35E+00	0.00E+00	0.00E+00	-9.41E-01	0.00E+00	4.71E-01	0.00E+00	1.04E-08	-8.19E-09	-8.09E-04	-2.12E-10	-2.76E-01	0.00E+00	4.71E-01	-1.80E-05	4.71E-01	5.15E-01	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
WH36647349Q	-4.63E-03	4.79E-02	5.75E-04	6.61E-02	0.00E+00	0.00E+00	-1.09E+00	-6.75E-04	-1.17E-04	-2.27E-03	0.00E+00	0.00E+00	-6.12E-10	-7.53E-08	2.01E-03	-2.35E+00	0.00E+00	0.00E+00	-9.41E-01	0.00E+00	4.55E-01	0.00E+00	9.22E-09	-8.19E-09	-8.00E-04	-2.12E-10	-2.76E-01	0.00E+00	4.55E-01	-1.79E-05	4.55E-01	5.15E-01	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
WH36910900C	-6.43E-03	-2.33E-01	9.11E-04	-2.46E-01	0.00E+00	0.00E+00	-9.85E-01	-5.70E-04	-8.72E-05	-2.44E-03	0.00E+00	0.00E+00	-8.67E-10	-6.04E-08	-6.05E-03	-4.83E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-2.91E-01	0.00E+00	-3.37E-10	-1.39E-08	-1.12E-03	-2.12E-10	-7.63E-01	0.00E+00	-2.91E-01	-1.41E-05	-2.91E-01	-1.56E+00	-7.63E-01	0.00E+00	0.00E+00	0.00E+00	-3.85E+01
WH36910900Q	-6.49E-03	-2.30E-01	1.14E-03	-1.68E-01	0.00E+00	0.00E+00	-9.96E-01	-5.42E-04	-2.37E-05	-2.34E-03	0.00E+00	0.00E+00	-8.45E-10	-5.36E-08	3.06E-03	-7.27E+00	0.00E+00	0.00E+00	-9.94E-01	0.00E+00	1.36E+00	0.00E+00	1.12E-09	-1.51E-08	-1.04E-03	-2.12E-10	-9.27E-01	0.00E+00	1.36E+00	-1.56E-05	1.36E+00	-5.35E-01	-9.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
WH36910903Q	-6.50E-03	-2.25E-01	1.94E-03	-1.53E-01	0.00E+00	0.00E+00	-1.00E+00	-5.58E-04	-2.33E-05	-2.33E-03	0.00E+00	0.00E+00	-8.56E-10	-5.45E-08	4.60E-03	-7.51E+00	0.00E+00	0.00E+00	-9.39E-01	0.00E+00	2.57E+00	0.00E+00	1.71E-09	-1.53E-08	-1.02E-03	-2.12E-10	-9.69E-01	0.00E+00	2.57E+00	-1.58E-05	2.57E+00	-1.36E-01	-9.69E-01	0.00E+00	0.00E+00	0.00E+00	-2.94E+01
WH36910905Q	-6.50E-03	-2.25E-01	1.94E-03	-1.53E-01	0.00E+00	0.00E+00	-1.00E+00	-5.58E-04	-2.33E-05	-2.33E-03	0.00E+00	0.00E+00	-8.56E-10	-5.45E-08	4.60E-03	-7.51E+00	0.00E+00	0.00E+00	-9.39E-01	0.00E+00	2.57E+00	0.00E+00	1.71E-09	-1.53E-08	-1.02E-03	-2.12E-10	-9.69E-01	0.00E+00	2.57E+00	-1.58E-05	2.57E+00	-1.36E-01	-9.69E-01	0.00E+00	0.00E+00	0.00E+00	-2.94E+01
WH36910949Q	-5.78E-03	-2.23E-01	1.92E-03	-1.53E-01	0.00E+00	0.00E+00	-9.92E-01	-5.49E-04	-1.96E-05	-2.23E-03	0.00E+00	0.00E+00	-7.73E-10	-5.42E-08	4.51E-03	-7.06E+00	0.00E+00	0.00E+00	-9.26E-01	0.00E+00	2.57E+00	0.00E+00	1.82E-09	-1.40E-08	-9.54E-04	-2.12E-10	-9.69E-01	0.00E+00	2.57E+00	-1.57E-05	2.57E+00	-1.36E-01	-9.69E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
WH36911000C	-6.45E-03	-2.31E-01	6.58E-04	-1.71E-01	0.00E+00	0.00E+00	-1.06E+00	-5.48E-04	-3.80E-05	-2.46E-03	0.00E+00	0.00E+00	-8.60E-10	-5.42E-08	-3.53E-02	-1.05E+01	0.00E+00	0.00E+00	-1.11E+00	0.00E+00	1.20E+00	0.00E+00	1.79E-10	-1.53E-08	-1.06E-03	-2.12E-10	-1.28E+00	0.00E+00	1.20E+00	-1.57E-05	1.20E+00	-5.77E-01	-1.28E+00	0.00E+00	0.00E+00	0.00E+00	-4.29E+01
WH36911003C	-6.53E-03	-2.10E-01	1.78E-03	-1.57E-01	0.00E+00	0.00E+00	-1.04E+00	-5.45E-04	-3.57E-05	-2.43E-03	0.00E+00	0.00E+00	-8.59E-10	-5.50E-08	-2.92E-02	-1.05E+01	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	2.75E+00	0.00E+00	2.75E-09	-1.17E-08	-1.07E-03	-2.12E-10	-1.07E+00	0.00E+00	2.75E+00	-1.56E-05	2.75E+00	1.86E-01	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-4.03E+01
WH36912300C	-1.96E-03	-6.78E-01	-3.53E-03	-6.74E-01	0.00E+00	0.00E+00	-1.21E-01	-1.68E-05	1.70E-05	-3.90E-03	0.00E+00	0.00E+00	-5.99E-10	-1.15E-09	-2.45E-01	-2.23E+01	0.00E+00	0.00E+00	-4.52E+00	0.00E+00	-4.65E+00	0.00E+00	-9.35E-09	-3.60E-08	-1.16E-03	0.00E+00	-4.81E+00	0.00E+00	-4.65E+00	-9.08E-07	-4.65E+00	-9.46E+00	-4.81E+00	0.00E+00	0.00E+00	0.00E+00	-1.60E+02
WH36912300Q	4.75E-04	-5.50E-01	1.70E-03	-5.52E-01	0.00E+00	0.00E+00	3.98E-01	-1.20E-06	4.99E-04	-9.07E-04	0.00E+00	0.00E+00	-2.90E-11	5.89E-09	-1.94E-04	-4.30E+01	0.00E+00	0.00E+00	1.93E-01	0.00E+00	-3.09E-01	0.00E+00	-1.95E-09	-1.99E-08	-1.93E-04	0.00E+00	-6.22E+00	0.00E+00	-3.09E-01	1.08E-07	-3.09E-01	-6.53E+00	-6.22E+00	0.00E+00	0.00E+00	0.00E+00	7.69E+00
WH36912303C	-4.28E-03	1.86E-01	3.53E-03	1.83E-01	0.00E+00	0.00E+00	-6.79E-01	-5.60E-04	-8.16E-06	-6.21E-04	0.00E+00	0.00E+00	-1.06E-09	-6.35E-08	2.03E-02	-1.69E-01	0.00E+00	0.00E+00	-2.95E-01	0.00E+00	3.27E+00	0.00E+00	2.77E-08	1.11E-09	-2.26E-04	0.00E+00	2.75E-02	0.00E+00	3.27E+00	-1.48E-05	3.27E+00	3.29E+00	2.75E-02	0.00E+00	0.00E+00	0.00E+00	-1.94E+01
WH36912303Q	-1.95E-03	-6.10E-01	-1.11E-03	-6.09E-01	0.00E+00	0.00E+00	-6.49E-01	-1.91E-04	1.34E-04	-2.69E-03	0.00E+00	0.00E+00	-8.10E-10	-1.94E-08	-3.58E-03	-4.05E+01	0.00E+00	0.00E+00	-8.07E-01	0.00E+00	-1.46E+00	0.00E+00	-8.65E-09	-2.82E-08	-8.22E-04	0.00E+00	-5.94E+00	0.00E+00	-1.46E+00	-7.12E-06	-1.46E+00	-7.40E+00	-5.94E+00	0.00E+00	0.00E+00	0.00E+00	-3.26E+01
WH36912349C	-4.33E-03	1.72E-01	3.38E-03	1.69E-01	0.00E+00	0.00E+00	-7.00E-01	-5.60E-04	-1.66E-05	-7.19E-04	0.00E+00	0.00E+00	-1.06E-09	-6.35E-08	2.00E-02	-5.55E-01	0.00E+00	0.00E+00	-3.25E-01	0.00E+00	3.16E+00	0.00E+00	2.69E-08	5.20E-10	-2.54E-04	0.00E+00	-3.23E-02	0.00E+00	3.16E+00	-1.48E-05	3.16E+00	3.12E+00	-3.23E-02	0.00E+00	0.00E+00	0.00E+00	-2.05E+01
WH36912349Q	-1.12E-04	-6.27E-01	-5.20E-04	-6.26E-01	0.00E+00	0.00E+00	-1.72E-01	-1.96E-05	3.06E-04	-1.94E-03	0.00E+00	0.00E+00	-5.86E-10	2.17E-09	-3.14E-03	-4.01E+01	0.00E+00	0.00E+00	-4.25E-01	0.00E+00	-1.29E+00	0.00E+00	-7.97E-09	-2.48E-08	-5.82E-04	0.00E+00	-5.86E+00	0.00E+00	-1.29E+00	-9.30E-07	-1.29E+00	-7.15E+00	-5.86E+00	0.00E+00	0.00E+00	0.00E+00	-1.64E+01
WH36912400C	-1.59E-03	-2.52E-01	-1.59E-03	-2.50E-01	0.00E+00	0.00E+00	3.34E-02	-3.87E-05	1.81E-04	-1.76E-03	0.00E+00	0.00E+00	-5.90E-10	-3.06E-09	-2.41E-01	-8.33E+00	0.00E+00	0.00E+00	-4.34E+00	0.00E+00	-3.69E+00	0.00E+00	1.26E-10	-2.59E-08	-6.79E-04	0.00E+00	-2.74E+00	0.00E+00	-3.69E+00	-1.66E-06	-3.69E+00	-6.44E+00	-2.74E+00	0.00E+00	0.00E+00	0.00E+00	-1.55E+02
WH36912400Q	3.40E-03	5.02E-01	1.08E-02	4.91E-01	0.00E+00	0.00E+00	1.94E+00	6.77E-06	1.05E-03	5.48E-03	0.00E+00	0.00E+00	2.84E-10	1.02E-08	2.49E-02	4.74E-01	0.00E+00	0.00E+00	2.42E+00	0.00E+00	7.59E+00	0.00E+00	6.00E-08	2.94E-08	1.70E-03	0.00E+00	3.67E-01	0.00E+00	7.59E+00	3.58E-06	7.59E+00	7.96E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	8.84E+01
WH36912403C	-7.83E-03	-6.94E-01	-4.28E-03	-6.90E-01	0.00E+00	0.00E+00	-1.20E+00	-5.67E-04	-5.54E-04	-6.65E-03	0.00E+00	0.00E+00	-8.39E-10	-6.90E-08	-2.45E-01	-2.47E+01	0.00E+00	0.00E+00	-5.26E+00	0.00E+00	-4.55E+00	0.00E+00	-9.34E-09	-4.36E-08	-1.87E-03	0.00E+00	-5.16E+00	0.00E+00	-4.55E+00	-1.65E-05	-4.55E+00	-9.71E+00	-5.16E+00	0.00E+00	0.00E+00	0.00E+00	-1.93E+02
WH36912403Q	-5.57E-03	-5.51E-01	-5.88E-04	-5.51E-01	0.00E+00	0.00E+00	-1.12E+00	-5.47E-04	-1.92E-04	-3.97E-03	0.00E+00	0.00E+00	-7.30E-10	-6.27E-08	-1.76E-03	-4.03E+01	0.00E+00	0.00E+00	-1.01E+00	0.00E+00	-8.28E-01	0.00E+00	-4.99E-09	-2.94E-08	-1.10E-03	0.00E+00	-5.89E+00	0.00E+00	-8.28E-01	-1.56E-05	-8.28E-01	-6.72E+00	-5.89E+00	0.00E+00	0.00E+00	0.00E+00	-4.33E+01
WH36912405C	-1.89E-03	-6.14E-01	-3.27E-03	-6.10E-01	0.00E+00	0.00E+00	-1.09E-01	-1.86E-05	4.61E-05	-3.55E-03	0.00E+00	0.00E+00	-6.38E-10	-1.21E-09	-2.45E-01	-2.07E+01	0.00E+00	0.00E+00	-4.53E+00	0.00E+00	-4.58E+00	0.00E+00	-8.21E-09	-3.51E-08	-1.10E-03	0.00E+00	-4.58E+00	0.00E+00	-4.58E+00	-1.02E-06	-4.58E+00	-9.16E+00	-4.58E+00	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
WH36912405Q	1.30E-04	-4.85E-01	2.91E-04	-4.85E-01	0.00E+00	0.00E+00	-8.99E-02	-1.94E-05	3.82E-04	-1.03E-03	0.00E+00	0.00E+00	-5.59E-10	2.46E-09	-1.64E-03	-3.72E+01	0.00E+00	0.00E+00	-3.34E-01	0.00E+00	-9.08E-01	0.00E+00	-4.23E-09	-2.17E-08	-3.69E-04	0.00E+00	-5.43E+00	0.00E+00	-9.08E-01	-8.73E-07	-9.08E-01	-6.34E+00	-5.43E+00	0.00E+00	0.00E+00	0.00E+00	-1.34E+01
WH36912449C	-3.88E-03	2.66E-01	5.39E-03	2.61E-01	0.00E+00	0.00E+00	-1.28E-01	-5.42E-04	6.12E-05	1.85E-04	0.00E+00	0.00E+00	-5.00E-10	-6.09E-08	2.31E-02	-1.27E-02	0.00E+00	0.00E+00	3.02E-01	0.00E+00	4.21E+00	0.00E+00	3.31E-08	6.92E-09	1.09E-04	0.00E+00	1.09E-01	0.00E+00	4.21E+00	-1.37E-05	4.21E+00	4.32E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	3.91E+00
WH36912449Q	-3.22E-03	3.74E-01	6.16E-03	3.67E-01	0.00E+00	0.00E+00	-2.28E-01	-5.58E-04	2.66E-04	1.39E-03	0.00E+00	0.00E+00	-9.93E-10	-6.12E-08	1.89E-02	-3.34E-01	0.00E+00	0.00E+00	4.55E-01	0.00E+00	5.57E+00	0.00E+00	4.75E-08	1.07E-08	3.78E-04	0.00E+00	1.16E-01	0.00E+00	5.57E+00	-1.34E-05	5.57E+00	5.68E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	8.07E+00
WH36912500C	3.76E-04	-1.27E-01	3.78E-03	-1.31E-01	0.00E+00	0.00E+00	1.34E+00	3.71E-06	8.23E-04	-1.52E-04	0.00E+00	0.00E+00	9.24E-11	8.46E-09	-2.31E-01	-3.72E+00	0.00E+00	0.00E+00	-2.76E+00	0.00E+00	-1.34E-01	0.00E+00	2.43E-08	-8.22E-09	5.51E-05	0.00E+00	-1.91E+00	0.00E+00	-1.34E-01	1.50E-06	-1.34E-01	-2.04E+00	-1.91E+00	0.00E+00	0.00E+00	0.00E+00	-9.49E+01
WH36912500Q	-1.32E-02	-6.97E-01	-2.34E-03	-6.94E-01	0.00E+00	0.00E+00	-3.00E+00	-1.31E-03	-4.62E-04	-8.73E-03	0.00E+00	0.00E+00	-1.68E-09	-1.51E-07	-4.02E-03	-4.42E+01	0.00E+00	0.00E+00	-2.49E+00	0.00E+00	-1.62E+00	0.00E+00	-9.83E-09	-4.57E-08	-2.42E-03	0.00E+00	-6.50E+00	0.00E+00	-1.62E+00	-3.76E-05	-1.62E+00	-8.12E+00	-6.50E+00	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
WH36912503C	5.07E-04	1.43E-03	3.59E-03	-2.16E-03	0.00E+00	0.00E+00	1.01E+00	-1.29E-05	8.86E-04	6.08E-04	0.00E+00	0.00E+00	-3.88E-10	6.61E-09	-2.30E-01	-4.87E-01	0.00E+00	0.00E+00	-3.05E+00	0.00E+00	6.59E-02	0.00E+00	2.86E-08	-7.60E-09	1.32E-04	0.00E+00	-1.46E+00	0.00E+00	6.59E-02	9.36E-07	6.59E-02	-1.39E+00	-1.46E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
WH36912503Q	3.60E-03	5.17E-01	1.05E-02	5.07E-01	0.00E+00	0.00E+00	1.61E+00	-1.23E-05	1.42E-03	5.38E-03	0.00E+00	0.00E+00	-2.40E-10	1.18E-08	2.30E-02	6.32E-01	0.00E+00	0.00E+00	1.98E+00	0.00E+00	6.74E+00	0.00E+00	5.61E-08	2.46E-08	1.54E-03	0.00E+00	3.50E-01	0.00E+00	6.74E+00	2.34E-06	6.74E+00	7.09E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
WH36912505C	-1.54E-02	-7.05E-01	-6.83E-03	-6.98E-01	0.00E+00	0.00E+00	-3.48E+00	-1.33E-03	-8.57E-04	-1.07E-02	0.00E+00	0.00E+00	-2.26E-09	-1.58E-07	-2.48E-01	-2.49E+01	0.00E+00	0.00E+00	-7.17E+00	0.00E+00	-5.71E+00	0.00E+00	-1.42E-08	-6.10E-08	-3.17E-03	0.00E+00	-5.29E+00	0.00E+00	-5.71E+00	-3.87E-05	-5.71E+00	-1.10E+01	-5.29E+00	0.00E+00	0.00E+00	0.00E+00	-2.74E+02
WH36912505Q	1.67E-03	5.00E-01	9.64E-03	4.90E-01	0.00E+00	0.00E+00	1.11E+00	-1.84E-04	1.22E-03	4.30E-03	0.00E+00	0.00E+00	-4.69E-10	-9.84E-09	2.21E-02	7.24E-01	0.00E+00	0.00E+00	1.57E+00	0.00E+00	6.45E+00	0.00E+00	5.41E-08	2.08E-08	1.22E-03	0.00E+00	3.43E-01	0.00E+00	6.45E+00	-3.88E-06	6.45E+00	6.79E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	5.35E+01

WH36912549C	-1.15E-02	2.10E-01	3.71E-03	2.06E-01	0.00E+00	0.00E+00	-2.03E+00	-1.31E-03	-2.77E-04	-4.13E-03	0.00E+00	0.00E+00	-1.45E-09	-1.50E-07	2.14E-02	-6.83E-01	0.00E+00	0.00E+00	-1.17E+00	0.00E+00	3.58E+00	0.00E+00	2.97E-08	-7.33E-09	-1.12E-03	0.00E+00	-4.45E-02	0.00E+00	3.58E+00	-3.58E-05	3.58E+00	3.54E+00	-4.45E-02	0.00E+00	0.00E+00	0.00E+00	-5.90E+01
WH36912549Q	-1.25E-02	3.35E-01	5.38E-03	3.29E-01	0.00E+00	0.00E+00	-2.05E+00	-1.47E-03	-2.28E-04	-3.52E-03	0.00E+00	0.00E+00	-1.61E-09	-1.70E-07	1.89E-02	-1.06E+00	0.00E+00	0.00E+00	-8.13E-01	0.00E+00	5.58E+00	0.00E+00	4.71E-08	-1.96E-09	-8.95E-04	0.00E+00	-6.56E-03	0.00E+00	5.58E+00	-4.06E-05	5.58E+00	5.58E+00	-6.56E-03	0.00E+00	0.00E+00	0.00E+00	-4.78E+01
WH36912600C	-1.36E-02	-4.41E-01	-3.12E-03	-4.38E-01	0.00E+00	0.00E+00	-3.40E+00	-1.33E-03	-6.53E-04	-8.52E-03	0.00E+00	0.00E+00	-2.19E-09	-1.55E-07	5.05E-03	-2.29E+01	0.00E+00	0.00E+00	-2.97E+00	0.00E+00	-1.65E+00	0.00E+00	-9.36E-09	-3.94E-08	-2.51E-03	0.00E+00	-3.47E+00	0.00E+00	-1.65E+00	-3.87E-05	-1.65E+00	-5.13E+00	-3.47E+00	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
WH36912600Q	4.42E-04	4.81E-01	1.09E-02	4.70E-01	0.00E+00	0.00E+00	1.27E+00	-3.21E-04	1.17E-03	3.65E-03	0.00E+00	0.00E+00	-1.03E-10	-2.58E-08	2.45E-02	1.62E-01	0.00E+00	0.00E+00	1.92E+00	0.00E+00	7.42E+00	0.00E+00	5.92E-08	2.37E-08	1.20E-03	0.00E+00	3.13E-01	0.00E+00	7.42E+00	-8.27E-06	7.42E+00	7.74E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	6.66E+01
WH36912603C	7.67E-04	-3.30E-01	2.27E-03	-3.32E-01	0.00E+00	0.00E+00	2.68E-01	-1.71E-05	7.83E-04	-8.16E-04	0.00E+00	0.00E+00	-4.39E-10	7.15E-09	9.57E-03	-2.27E+01	0.00E+00	0.00E+00	-2.63E-02	0.00E+00	-1.41E-01	0.00E+00	-4.12E-10	-1.28E-08	-2.55E-04	0.00E+00	-3.31E+00	0.00E+00	-1.41E-01	-8.67E-07	-1.41E-01	-3.45E+00	-3.31E+00	0.00E+00	0.00E+00	0.00E+00	-1.90E+00
WH36912603Q	-9.07E-04	-5.46E-01	2.14E-03	-5.48E-01	0.00E+00	0.00E+00	1.64E-01	-1.72E-04	6.81E-04	-1.97E-03	0.00E+00	0.00E+00	-2.06E-10	-1.15E-08	5.39E-05	-4.00E+01	0.00E+00	0.00E+00	3.92E-02	0.00E+00	-2.78E-01	0.00E+00	-1.83E-09	-2.11E-08	-4.60E-04	0.00E+00	-5.78E+00	0.00E+00	-2.78E-01	-6.06E-06	-2.78E-01	-6.06E+00	-5.78E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-01
WH36912605C	1.38E-03	-6.82E-03	4.69E-03	-1.15E-02	0.00E+00	0.00E+00	9.36E-01	1.18E-06	9.05E-04	6.45E-04	0.00E+00	0.00E+00	1.47E-10	1.02E-08	1.38E-02	-6.14E+00	0.00E+00	0.00E+00	6.97E-01	0.00E+00	1.24E+00	0.00E+00	8.42E-09	1.84E-09	2.41E-04	0.00E+00	-8.30E-01	0.00E+00	1.24E+00	1.35E-07	1.24E+00	4.08E-01	-8.30E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
WH36912605Q	-1.53E-02	-6.90E-01	-3.39E-03	-6.86E-01	0.00E+00	0.00E+00	-3.51E+00	-1.48E-03	-7.64E-04	-9.78E-03	0.00E+00	0.00E+00	-1.91E-09	-1.74E-07	-4.90E-03	-4.21E+01	0.00E+00	0.00E+00	-2.91E+00	0.00E+00	-1.89E+00	0.00E+00	-1.18E-08	-4.86E-08	-2.73E-03	0.00E+00	-6.22E+00	0.00E+00	-1.89E+00	-4.39E-05	-1.89E+00	-8.10E+00	-6.22E+00	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
WH36912649C	2.77E-03	3.28E-01	9.07E-03	3.19E-01	0.00E+00	0.00E+00	1.63E+00	4.45E-06	1.16E-03	3.55E-03	0.00E+00	0.00E+00	2.52E-10	1.19E-08	2.59E-02	3.46E-01	0.00E+00	0.00E+00	1.74E+00	0.00E+00	5.06E+00	0.00E+00	3.86E-08	1.92E-08	1.12E-03	0.00E+00	2.43E-01	0.00E+00	5.06E+00	1.99E-06	5.06E+00	5.30E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	6.37E+01
WH36912649Q	-1.26E-02	3.81E-01	4.32E-03	3.77E-01	0.00E+00	0.00E+00	-2.53E+00	-1.49E-03	-2.15E-04	-3.34E-03	0.00E+00	0.00E+00	-2.12E-09	-1.72E-07	1.76E-02	-5.73E-01	0.00E+00	0.00E+00	-1.31E+00	0.00E+00	5.03E+00	0.00E+00	4.55E-08	-5.44E-09	-9.94E-04	0.00E+00	1.90E-02	0.00E+00	5.03E+00	-4.15E-05	5.03E+00	5.04E+00	1.90E-02	0.00E+00	0.00E+00	0.00E+00	-6.79E+01
WH37580300D	-1.48E-04	4.49E-02	2.96E-04	4.46E-02	0.00E+00	0.00E+00	-4.24E-02	-2.46E-05	2.02E-05	2.28E-04	0.00E+00	0.00E+00	-9.27E-11	-2.70E-09	5.78E-04	-8.97E-02	0.00E+00	0.00E+00	-5.67E-02	0.00E+00	8.06E-02	0.00E+00	1.47E-09	-2.36E-10	2.56E-05	0.00E+00	-1.25E-02	0.00E+00	8.06E-02	-7.49E-07	8.06E-02	6.81E-02	-1.25E-02	0.00E+00	0.00E+00	0.00E+00	-2.83E+00
WH37580300DM	-3.82E-03	-4.90E-02	-8.94E-05	-4.73E-02	0.00E+00	0.00E+00	-7.60E-01	-4.91E-04	-3.55E-05	-1.78E-03	0.00E+00	0.00E+00	-5.63E-10	-5.46E-08	5.95E-04	-1.93E+00	0.00E+00	0.00E+00	-5.20E-01	0.00E+00	-1.36E-01	0.00E+00	4.33E-10	-8.03E-09	-6.10E-04	-2.12E-10	-3.09E-01	0.00E+00	-1.36E-01	-1.19E-05	-1.36E-01	-8.69E-01	-3.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
WH37580305D	2.15E-04	-2.66E-02	4.64E-04	-2.71E-02	0.00E+00	0.00E+00	7.48E-02	-4.55E-07	1.71E-04	-2.90E-05	0.00E+00	0.00E+00	-3.64E-12	1.79E-09	1.87E-04	-2.10E+00	0.00E+00	0.00E+00	6.16E-02	0.00E+00	2.67E-02	0.00E+00	2.79E-10	-7.63E-10	2.28E-06	0.00E+00	-2.99E-01	0.00E+00	2.67E-02	-2.45E-08	2.67E-02	-2.72E-01	-2.99E-01	0.00E+00	0.00E+00	0.00E+00	2.36E+00
WH37580305DM	-3.82E-03	-4.90E-02	-9.70E-05	-4.73E-02	0.00E+00	0.00E+00	-7.62E-01	-4.91E-04	-3.55E-05	-1.78E-03	0.00E+00	0.00E+00	-5.62E-10	-5.43E-08	3.80E-04	-1.95E+00	0.00E+00	0.00E+00	-5.20E-01	0.00E+00	-1.36E-01	0.00E+00	4.33E-10	-8.03E-09	-6.10E-04	-2.12E-10	-3.09E-01	0.00E+00	-1.36E-01	-1.19E-05	-1.36E-01	-8.69E-01	-3.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
WH37580306DM	-3.82E-03	-4.90E-02	-9.70E-05	-4.73E-02	0.00E+00	0.00E+00	-7.62E-01	-4.91E-04	-3.55E-05	-1.78E-03	0.00E+00	0.00E+00	-5.62E-10	-5.43E-08	3.80E-04	-1.95E+00	0.00E+00	0.00E+00	-5.20E-01	0.00E+00	-1.36E-01	0.00E+00	4.33E-10	-8.03E-09	-6.10E-04	-2.12E-10	-3.09E-01	0.00E+00	-1.36E-01	-1.19E-05	-1.36E-01	-8.69E-01	-3.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
WH37581400D	-2.12E-03	-4.88E-02	-5.85E-04	-4.82E-02	0.00E+00	0.00E+00	-3.71E-01	-1.28E-04	-7.74E-05	-9.84E-04	0.00E+00	0.00E+00	-3.05E-10	-1.50E-08	-7.68E-04	-1.59E+00	0.00E+00	0.00E+00	-3.59E-01	0.00E+00	-3.29E-01	0.00E+00	-1.69E-09	-4.61E-09	-3.07E-04	0.00E+00	-2.48E-01	0.00E+00	-3.29E-01	-5.68E-06	-3.29E-01	-5.77E-01	-2.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
WH37581405D	-2.93E-03	-2.47E-02	7.43E-05	-1.49E-02	0.00E+00	0.00E+00	-4.26E-01	-1.65E-04	4.55E-05	-8.39E-04	0.00E+00	0.00E+00	-3.15E-10	-1.73E-08	-1.60E-04	-9.66E-01	0.00E+00	0.00E+00	-2.69E-01	0.00E+00	-3.12E-02	0.00E+00	3.12E-11	-3.36E-09	-2.91E-04	-2.12E-10	-1.30E-01	0.00E+00	-3.12E-02	-6.35E-06	-3.12E-02	-1.98E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-9.67E+00
WH37581406D	-2.93E-03	-2.44E-02	7.80E-05	-1.49E-02	0.00E+00	0.00E+00	-4.25E-01	-1.67E-04	5.23E-05	-7.95E-04	0.00E+00	0.00E+00	-3.20E-10	-1.71E-08	-5.18E-05	-8.34E-01	0.00E+00	0.00E+00	-2.63E-01	0.00E+00	-3.12E-02	0.00E+00	8.41E-11	-3.33E-09	-2.87E-04	-2.12E-10	-1.28E-01	0.00E+00	-3.12E-02	-6.29E-06	-3.12E-02	-1.98E-01	-1.28E-01	0.00E+00	0.00E+00	0.00E+00	-9.33E+00
WH37581411D	-2.73E-03	-2.23E-02	-1.09E-05	-1.61E-02	0.00E+00	0.00E+00	-4.56E-01	-1.98E-04	4.21E-05	-1.09E-03	0.00E+00	0.00E+00	-2.87E-10	-2.37E-08	1.78E-04	-8.22E-01	0.00E+00	0.00E+00	-2.54E-01	0.00E+00	-2.53E-02	0.00E+00	1.34E-10	-3.54E-09	-2.91E-04	-2.12E-10	-1.07E-01	0.00E+00	-2.53E-02	-6.72E-06	-2.53E-02	-2.01E-01	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
WH37581429D	-2.60E-03	-2.29E-02	8.76E-06	-1.73E-02	0.00E+00	0.00E+00	-4.01E-01	-1.53E-04	4.83E-05	-9.21E-04	0.00E+00	0.00E+00	-2.74E-10	-1.84E-08	1.81E-04	-8.12E-01	0.00E+00	0.00E+00	-2.21E-01	0.00E+00	-3.10E-02	0.00E+00	2.11E-11	-3.29E-09	-2.56E-04	-2.12E-10	-1.08E-01	0.00E+00	-3.10E-02	-6.58E-06	-3.10E-02	-2.12E-01	-1.08E-01	0.00E+00	0.00E+00	0.00E+00	-9.26E+00
WH375814E	1.51E-04	8.96E-03	5.74E-04	8.39E-03	0.00E+00	0.00E+00	1.31E-01	2.42E-07	9.20E-05	9.80E-05	0.00E+00	0.00E+00	2.31E-11	1.17E-09	6.96E-04	-6.11E-03	0.00E+00	0.00E+00	1.00E-01	0.00E+00	1.50E-01	0.00E+00	1.20E-09	5.89E-10	3.30E-05	0.00E+00	1.14E-02	0.00E+00	1.50E-01	2.32E-08	1.50E-01	1.61E-01	1.14E-02	0.00E+00	0.00E+00	0.00E+00	3.65E+00
WH37583300D	-3.78E-03	-4.93E-02	-7.96E-05	-4.86E-02	0.00E+00	0.00E+00	-7.83E-01	-4.93E-04	-3.69E-05	-1.79E-03	0.00E+00	0.00E+00	-5.62E-10	-5.48E-08	5.88E-04	-1.92E+00	0.00E+00	0.00E+00	-5.12E-01	0.00E+00	-1.36E-01	0.00E+00	4.33E-10	-8.02E-09	-6.14E-04	-2.12E-10	-3.07E-01	0.00E+00	-1.36E-01	-1.20E-05	-1.36E-01	-8.69E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
WH37583300DM	-3.78E-03	-4.93E-02	-7.03E-05	-4.78E-02	0.00E+00	0.00E+00	-7.83E-01	-4.92E-04	-3.69E-05	-1.79E-03	0.00E+00	0.00E+00	-5.68E-10	-5.49E-08	6.07E-04	-1.92E+00	0.00E+00	0.00E+00	-5.16E-01	0.00E+00	-1.36E-01	0.00E+00	4.33E-10	-8.05E-09	-6.10E-04	-2.12E-10	-3.09E-01	0.00E+00	-1.36E-01	-1.20E-05	-1.36E-01	-8.69E-01	-3.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.46E+01
WH37583305D	-3.78E-03	-4.93E-02	-8.72E-05	-4.86E-02	0.00E+00	0.00E+00	-7.86E-01	-4.93E-04	-3.69E-05	-1.79E-03	0.00E+00	0.00E+00	-5.62E-10	-5.45E-08	3.73E-04	-1.95E+00	0.00E+00	0.00E+00	-5.12E-01	0.00E+00	-1.36E-01	0.00E+00	4.33E-10	-8.02E-09	-6.14E-04	-2.12E-10	-3.07E-01	0.00E+00	-1.36E-01	-1.20E-05	-1.36E-01	-8.69E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
WH37583306D	-3.78E-03	-4.93E-02	-8.72E-05	-4.86E-02	0.00E+00	0.00E+00	-7.86E-01	-4.93E-04	-3.69E-05	-1.79E-03	0.00E+00	0.00E+00	-5.62E-10	-5.45E-08	3.73E-04	-1.95E+00	0.00E+00	0.00E+00	-5.12E-01	0.00E+00	-1.36E-01	0.00E+00	4.33E-10	-8.02E-09	-6.14E-04	-2.12E-10	-3.07E-01	0.00E+00	-1.36E-01	-1.20E-05	-1.36E-01	-8.69E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
WH37585300D	7.60E-05	2.08E-02	3.49E-04	2.04E-02	0.00E+00	0.00E+00	7.82E-02	1.32E-07	2.99E-05	1.87E-04	0.00E+00	0.00E+00	1.38E-11	3.12E-10	5.47E-04	-1.17E-01	0.00E+00	0.00E+00	5.85E-02	0.00E+00	1.26E-01	0.00E+00	1.10E-09	4.74E-10	4.65E-05	0.00E+00	-9.34E-03	0.00E+00	1.26E-01	2.93E-08	1.26E-01	1.17E-01	-9.34E-03	0.00E+00	0.00E+00	0.00E+00	2.07E+00
WH37585300DM	6.75E-05	4.27E-02	3.39E-04	4.24E-02	0.00E+00	0.00E+00	5.10E-03	-4.15E-06	4.04E-05	3.12E-04	0.00E+00	0.00E+00	-1.03E-10	-1.37E-10	5.95E-04	-7.03E-02	0.00E+00	0.00E+00	-3.54E-02	0.00E+00	6.23E-02	0.00E+00	1.43E-09	-1.45E-10	4.17E-05	0.00E+00	-9.40E-03	0.00E+00	6.23E-02	-1.96E-07	6.23E-02	5.29E-02	-9.40E-03	0.00E+00	0.00E+00	0.00E+00	-1.92E+00
WH37585305D	6.34E-05	3.23E-02	2.95E-04	3.20E-02	0.00E+00	0.00E+00	1.20E-02	-2.72E-06	3.42E-05	2.38E-04	0.00E+00	0.00E+00	-6.64E-11	-2.04E-11	5.18E-04	-3.39E-02	0.00E+00	0.00E+00	-1.34E-02	0.00E+00	7.53E-02	0.00E+00	1.27E-09	5.39E-11	3.67E-05	0.00E+00	-3.10E-03	0.00E+00	7.53E-02	-1.20E-07	7.53E-02	7.22E-02	-3.10E-03	0.00E+00	0.00E+00	0.00E+00	-9.16E-01
WH37585305DM	-3.82E-03	-4.91E-02	1.36E-05	-4.69E-02	0.00E+00	0.00E+00	-7.62E-01	-4.91E-04	-2.49E-05	-1.73E-03	0.00E+00	0.00E+00	-5.64E-10	-5.41E-08	-2.00E-04	-1.96E+00	0.00E+00	0.00E+00	-5.14E-01	0.00E+00	-1.36E-01	0.00E+00	3.93E-10	-8.03E-09	-6.03E-04	-2.12E-10	-3.11E-01	0.00E+00	-1.36E-01	-1.17E-05	-1.36E-01	-8.69E-01	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.41E+01
WH37585306D	4.18E-04	5.60E-02	1.19E-03	5.48E-02	0.00E+00	0.00E+00	1.70E-01	-6.70E-08	2.18E-04	5.23E-04	0.00E+00	0.00E+00	1.77E-11	2.07E-09	1.83E-03	9.20E-02	0.00E+00	0.00E+00	1.91E-01	0.00E+00	5.08E-01	0.00E+00	4.25E-09	2.14E-09	1.50E-04	0.00E+00	3.70E-02	0.00E+00	5.08E-01	1.57E-07	5.08E-01	5.45E-01	3.70E-02	0.00E+00	0.00E+00	0.00E+00	6.94E+00
WH37585306DM	-3.82E-03	-4.91E-02	1.36E-05	-4.69E-02	0.00E+00	0.00E+00	-7.62E-01	-4.91E-04	-2.49E-05	-1.73E-03	0.00E+00	0.00E+00	-5.64E-10	-5.41E-08	-2.00E-04	-1.96E+00	0.00E+00	0.00E+00	-5.14E-01	0.00E+00	-1.36E-01	0.00E+00	3.93E-10	-8.03E-09	-6.03E-04	-2.12E-10	-3.11E-01	0.00E+00	-1.36E-01	-1.17E-05	-1.36E-01	-8.69E-01	-3.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.41E+01
WH37586400D	-9.43E-04	-4.25E-02	-3.36E-04	-4.21E-02	0.00E+00	0.00E+00	-2.58E-01	-9.19E-05	-3.09E-05	-7.07E-04	0.00E+00	0.00E+00	-2.46E-10	-1.05E-08	-4.85E-04	-1.51E+00	0.00E+00	0.00E+00	-2.62E-01	0.00E+00	-2.51E-01	0.00E+00	-1.22E-09	-3.60E-09	-2.27E-04	0.00E+00	-2.33E-01	0.00E+00	-2.51E-01	-3.40E-06	-2.51E-01	-4.84E-01	-2.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+01
WH37586405D	-2.12E-03	-4.82E-02	-5.84E-04	-4.76E-02	0.00E+00	0.00E+00	-3.70E-01	-1.28E-04	-7.73E-05	-9.82E-04	0.00E+00	0.00E+00	-3.05E-10	-1.50E-08	-7.64E-04	-1.55E+00	0.00E+00	0.00E+00	-3.59E-01	0.00E+00	-3.28E-01	0.00E+00	-1.68E-09	-4.59E-09	-3.06E-04	0.00E+00	-2.42E-01	0.00E+00	-3.28E-01	-5.68E-06	-3.28E-01	-5.70E-01	-2.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
WH37586406D	-2.12E-03	-4.84E-02	-5.84E-04	-4.78E-02	0.00E+00	0.00E+00	-3.70E-01	-1.28E-04	-7.74E-05	-9.82E-04	0.00E+00	0.00E+00	-3.05E-10	-1.50E-08	-7.65E-04	-1.56E+00	0.00E+00	0.00E+00	-3.59E-01	0.00E+00	-3.28E-01	0.00E+00	-1.69E-09	-4.59E-09	-3.06E-04	0.00E+00	-2.44E-01	0.00E+00	-3.28E-01	-5.68E-06	-3.28E-01	-5.72E-01	-2.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
WH37586411D	-2.41E-03	-2.00E-02	9.00E-05	-1.48E-02	0.00E+00	0.00E+00	-3.76E-01	-1.45E-04	5.06E-05	-7.99E-04	0.00E+00	0.00E+00	-2.64E-10	-1.59E-08	5.06E-05	-7.93E-01	0.00E+00	0.00E+00	-2.01E-01	0.00E+00	-2.38E-02	0.00E+00	-3.50E-11	-3.18E-09	-2.35E-04	-2.12E-10	-1.30E-01	0.00E+00	-2.38E-02	-6.44E-06	-2.38E-02	-1.75E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-8.69E+00
WH37586429D	-2.54E-03	-2.24E-02	3.01E-05	-1.69E-02	0.00E+00	0.00E+00	-3.96E-01	-1.53E-04	5.24E-05	-8.64E-04	0.00E+00	0.00E+00	-2.71E-10	-1.82E-08	1.76E-04	-8.12E-01	0.00E+00	0.00E+00	-2.18E-01	0.00E+00	-2.66E-02	0.00E+00	-4.09E-11	-3.33E-09	-2.72E-04	-2.12E-10	-1.12E-01	0.00E+00	-2.66E-02	-6.76E-06	-2.66E-02	-2.03E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-9.14E+00
WH37588300D	-3.78E-03	-4.93E-02	-7.96E-05	-4.86E-02	0.00E+00	0.00E+00	-7.83E-01	-4.93E-04	-3.69E-05	-1.79E-03	0.00E+00	0.00E+00	-5.62E-10	-5.48E-08	5.88E-04	-1.92E+00	0.00E+00	0.00E+00	-5.12E-01	0.00E+00	-1.36E-01	0.00E+00	4.33E-10	-8.02E-09	-6.14E-04	-2.12E-10	-3.07E-01	0.00E+00	-1.36E-01	-1.20E-05	-1.36E-01	-8.69E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
WH37588305D	-3.82E-03	-4.95E-02	2.34E-05	-4.83E-02	0.00E+00	0.00E+00	-7.81E-01	-4.93E-04	-2.63E-05	-1.74E-03	0.00E+00	0.00E+00	-5.63E-10	-5.42E-08	-1.96E-04	-1.96E+00	0.00E+00	0.00E+00	-5.06E-01	0.00E+00	-1.36E-01	0.00E+00	3.93E-10	-8.02E-09	-6.00E-04	-2.12E-10	-3.10E-01	0.00E+00	-1.36E-01	-1.19E-05	-1.36E-01	-8.69E-01	-3.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.42E+01
WH37588306D	-3.82E-03	-4.95E-02	2.34E-05	-4.83E-02	0.00E+00	0.00E+00	-7.81E-01	-4.93E-04	-2.63E-05	-1.74E-03	0.00E+00	0.00E+00	-5.63E-10	-5.42E-08	-1.96E-04	-1.96E+00	0.00E+00	0.00E+00	-5.06E-01	0.00E+00	-1.36E-01	0.00E+00	3.93E-10	-8.02E-09	-6.00E-04	-2.12E-10	-3.10E-01	0.00E+00	-1.36E-01	-1.19E-05	-1.36E-01	-8.69E-01	-3.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.42E+01
WH37590200D	-4.12E-03	-3.31E-02	-1.70E-04	-2.12E-02	0.00E+00	0.00E+00	-6.94E-01	-3.11E-04	-5.81E-05	-1.60E-03	0.00E+00	0.00E+00	-7.36E-10	-3.03E-08	-5.98E-05	-9.61E-01	0.00E+00	0.00E+00	-7.75E-01	0.00E+00	-2.36E-01	0.00E+00	4.12E-10	-9.11E-09	-6.66E-04	-2.12E-10	-1.89E-01	0.00E+00	-2.36E-01	-1.14E-05	-2.36E-01	-4.25E-01	-1.89E-01	0.00E+00	0.00E+00	0.00E+00	-3.02E+01
WH37590205D	-4.09E-03	-3.31E-02	-1.68E-04	-2.12E-02	0.00E+00	0.00E+00	-6.94E-01	-3.11E-04	-5.81E-05	-1.60E-03	0.00E+00	0.00E+00	-7.36E-10	-3.02E-08	-5.89E-05	-9.61E-01	0.00E+00	0.00E+00	-7.75E-01	0.00E+00	-2.36E-01	0.00E+00	4.12E-10	-9.13E-09	-6.66E-04	-2.12E-10	-1.89E-01	0.00E+00	-2.36E-01	-1.13E-05	-2.36E-01	-4.25E-01	-1.89E-01	0.00E+00	0.00E+00	0.00E+00	-3.02E+01
WH37590206D	-6.97E-03	-3.09E-02	-7.58E-05	-1.99E-02	0.00E+00	0.00E+00	-8.22E-01	-4.67E-04	-1.33E-05	-1.16E-03	0.00E+00	0.00E+00	-5.63E-10	-4.23E-08	8.12E-05	-2.49E+00	0.00E+00	0.00E+00	-4.74E-01	0.00E+00	-2.03E-01	0.00E+00	3.92E-10	-8.58E-09	-5.25E-04	-2.12E-10	-3.53E-01	0.00E+00	-2.03E-01	-9.17E-06	-2.03E-01	-4.00E-01	-3.53E-01	0.00E+00	0.00E+00	0.00E+00	-2.34E+01
WH37593200D	-4.85E-03	-7.41E-02	2.33E-04	-5.27E-02	0.00E+00	0.00E+00	-9.82E-01	-6.16E-04	-2.20E-05	-1.81E-03	0.00E+00	0.00E+00	-6.52E-10	-6.87E-08	1.40E-03	-3.15E+00	0.00E+00	0.00E+00	-5.49E-01	0.00E+00	-1.29E-01	0.00E+00	1.68E-09	-9.80E-09	-7.78E-04	-2.12E-10	-4.26E-01	0.00E+00	-1.29E-01	-1.37E-05	-1.29E-01	-8.77E-01	-4.26E-01	0.00E+00	0.00E+00	0.00E+00	-3.32E+01
WH37593205D	-4.85E-03	-7.41E-02	2.33E-04	-5.27E-02	0.00E+00	0.00E+00	-9.84E-01	-6.17E-04	-2.20E-05	-1.81E-03	0.00E+00	0.00E+00	-6.53E-10	-6.85E-08	1.40E-03	-3.22E+00	0.00E+00	0.00E+00	-5.47E-01	0.00E+00	-1.29E-01	0.00E+00	1.68E-09	-9.75E-09	-7.78E-04	-2.12E-10	-4.26E-01	0.00E+00	-1.29E-01	-1.36E-05	-1.29E-01	-8.77E-01	-4.26E-01	0.00E+00	0.00E+00	0.00E+00	-3.32E+01
WH37595200D	-3.77E-03	5.43E-02	4.27E-04	5.39E-02	0.00E+00	0.00E+00	-7.11E-01	-3.95E-04	-1.15E-04	-1.57E-03	0.00E+00	0.00E+00	-4.51E-10	-4.60E-08	1.70E-03	-3.93E-01	0.00E+00	0.00E+00	-5.21E-01	0.00E+00	3.58E-01	0.00E+00	4.05E-09	-4.95E-09	-4.57E-04	0.00E+00	-5.03E-02	0.00E+00	3.58E-01	-1.54E-05	3.58E-01	3.08E-01	-5.03E-02	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
WH37595205D	-2.58E-03	-2.17E-02	3.66E-05	-1.95E-02	0.00E+00	0.00E+00	-4.32E-01	-1.56E-04	3.34E-05	-8.99E-04	0.00E+00	0.00E+00	-4.60E-10	-1.94E-08	2.89E-04	-5.37E-01	0.00E+00	0.00E+00	-2.96E-01	0.00E+00	-2.11E-01	0.00E+00	3.77E-10	-5.08E-09	-2.53E-04	-2.12E-10	-8.76E-02	0.00E+00	-2.11E-01	-7.61E-06	-2.11E-01	-3.79E-01	-8.76E-02	0.00E+00	0.00E+00	0.00E+00	-1.12E+01
WH37595206D	-6.77E-03	-2.28E-02	-5.46E-05	-1.84E-02	0.00E+00	0.00E+00	-8.03E-01	-4.68E-04	-9.23E-06	-1.13E-03	0.00E+00	0.00E+00	-5.55E-10	-4.05E-08	1.86E-04	-2.51E+00	0.00E+00	0.00E+00	-5.02E-01	0.00E+00	-1.98E-01	0.00E+00	5.48E-10	-8.54E-09	-5.22E-04	-2.12E-10	-3.62E-01	0.00E+00	-1.98E-01	-9.58E-06	-1.98E-01	-4.04E-01	-3.62E-01	0.00E+00	0.00E+00	0.00E+00	-2.33E+01
WH37596200D	-3.38E-03	-2.76E-03	2.61E-04	1.37E-02	0.00E+00	0.00E+00	-7.37E-01	-3.64E-04	7.60E-06	-1.86E-03	0.00E+00	0.00E+00	-5.50E-10	-3.83E-08	4.68E-04	-1.10E+00	0.00E+00	0.00E+00	-6.92E-01	0.00E+00	2.50E-02	0.00E+00	1.21E-09	-7.01E-09	-5.90E-04	-2.12E-10	-1.85E-01	0.00E+00	2.50E-02	-1.10E-05	2.50E-02	-1.59E-01	-1.85E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
WH37596205D	-4.84E-03	-7.41E-02	2.94E-04	-5.11E-02	0.00E+00	0.00E+00	-9.89E-01	-6.17E-04	-2.70E-05	-1.79E-03	0.00E+00	0.00E+00	-6.52E-10	-6.85E-08	9.73E-04	-3.23E+00	0.00E+00	0.00E+00	-5.47E-01	0.00E+00	-1.29E-01	0.00E+00	1.69E-09	-9.69E-09	-7.84E-04	-2.12E-10	-4.32E-01	0.00E+00	-1.29E-01	-1.35E-05	-1.29E-01	-8.77E-01	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	-3.31E+01
WH37596206D	-4.83E-03	-8.06E-02	1.84E-04	-5.84E-02	0.00E+00	0.00E+00	-1.06E+00	-6.29E-04	-3.41E-05	-1.87E-03	0.00E+00	0.00E+00	-7.02E-10	-6.92E-08	9.48E-04	-3.60E+00	0.00E+00	0.00E+00	-6.12E-01	0.00E+00	-8.03E-02	0.00E+00	1.39E-09	-9.89E-09	-7.99E-04	-2.12E-10	-5.20E-01	0.00E+00	-8.03E-02	-1.37E-05	-8.03E-02	-9.32E-01	-5.20E-01	0.00E+00	0.00E+00	0.00E+00	-3.52E+01
WH37620300D	6.53E-04	7.45E-02	1.92E-03	7.26E-02	0.00E+00	0.00E+00	2.63E-01	-1.00E-05	4.86E-04	5.99E-04	0.00E+00	0.00E+00	4.52E-11	3.73E-09	1.91E-03	-8.23E-02	0.00E+00	0.00E+00	2.55E-01	0.00E+00	4.65E-01	0.00E+00	4.23E-09	2.12E-09	1.75E-04	0.00E+00	1.96E-02	0.00E+00	4.65E-01	-3.33E-07	4.65E-01	4.85E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	9.25E+00
WH37620305D	-3.86E-03	-5.02E-02	-4.18E-05	-4.97E-02	0.00E+00	0.00E+00	-7.72E-01	-5.02E-04	2.44E-06	-1.75E-03	0.00E+00	0.00E+00	-5.53E-10	-5.61E-08	5.16E-04	-1.97E+00	0.00E+00	0.00E+00	-5.23E-01	0.00E+00	-1.28E-01	0.00E+00	5.07E-10	-7.95E-09	-6.28E-04	-2.12E-10	-3.20E-01	0.00E+00	-1.28E-01	-1.16E-05	-1.28E-01	-8.80E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.51E+01
WH37620306D	-3.86E-03	-5.02E-02	-4.18E-05	-4.97E-02	0.00E+00	0.00E+00	-7.72E-01	-5.02E-04	2.44E-06	-1.75E-03	0.00E+00	0.00E+00	-5.53E-10	-5.61E-08	5.16E-04	-1.97E+00	0.00E+00	0.00E+00	-5.23E-01	0.00E+00	-1.28E-01	0.00E+00	5.07E-10	-7.95E-09	-6.28E-04	-2.12E-10	-3.20E-01	0.00E+00	-1.28E-01	-1.16E-05	-1.28E-01	-8.80E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.51E+01
WH37620700D	-4.55E-03	-5.22E-02	-3.29E-05	-5.26E-02	0.00E+00	0.00E+00	-8.98E-01	-5.95E-04	-2.15E-05	-1.80E-03	0.00E+00	0.00E+00	-5.82E-10	-6.51E-08	6.51E-04	-2.42E+00	0.00E+00	0.00E+00	-6.07E-01	0.00E+00	-1.04E-01	0.00E+00	4.98E-10	-8.53E-09	-6.57E-04	-2.12E-10	-3.92E-01	0.00E+00	-1.04E-01	-1.30E-05	-1.04E-01	-8.97E-01	-3.92E-01	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
WH37623300D	-4.60E-03	-5.28E-02	-2.21E-05	-5.57E-02	0.00E+00	0.00E+00	-9.09E-01	-5.85E-04	2.26E-05	-1.73E-03	0.00E+00	0.00E+00	-5.78E-10	-6.62E-08	7.62E-04	-2.93E+00	0.00E+00	0.00E+00	-5.99E-01	0.00E+00	-9.97E-02	0.00E+00	4.98E-10	-8.96E-09	-6.57E-04	-2.12E-10	-4.76E-01	0.00E+00	-9.97E-02	-1.29E-05	-9.97E-02	-8.94E-01	-4.76E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
WH37623305D	-3.78E-03	-5.02E-02	-3.24E-05	-4.97E-02	0.00E+00	0.00E+00	-7.90E-01	-5.10E-04	1.73E-05	-1.74E-03	0.00E+00	0.00E+00	-5.53E-10	-5.64E-08	5.19E-04	-1.97E+00	0.00E+00	0.00E+00	-5.15E-01	0.00E+00	-1.24E-01	0.00E+00	5.07E-10	-7.95E-09	-6.28E-04	-2.12E-10	-3.20E-01	0.00E+00	-1.24E-01	-1.16E-05	-1.24E-01	-8.80E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.51E+01
WH37625300D	-3.86E-03	-5.02E-02	-3.42E-05	-4.97E-02	0.00E+00	0.00E+00	-7.69E-01	-5.02E-04	2.44E-06	-1.75E-03	0.00E+00	0.00E+00	-5.53E-10	-5.63E-08	7.32E-04	-1.94E+00	0.00E+00	0.00E+00	-5.23E-01	0.00E+00	-1.28E-01	0.00E+00	5.07E-10	-7.95E-09	-6.28E-04	-2.12E-10	-3.20E-01	0.00E+00	-1.28E-01	-1.16E-05	-1.28E-01	-8.80E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.51E+01
WH37625305D	-3.85E-03	-5.03E-02	8.37E-05	-4.98E-02	0.00E+00	0.00E+00	-7.76E-01	-5.02E-04	6.75E-06	-1.70E-03	0.00E+00	0.00E+00	-5.54E-10	-5.54E-08	-6.06E-05	-1.98E+00	0.00E+00	0.00E+00	-5.20E-01	0.00E+00	-1.28E-01	0.00E+00	4.67E-10	-7.95E-09	-6.13E-04	-2.12E-10	-3.22E-01	0.00E+00	-1.28E-01	-1.15E-05	-1.28E-01	-8.80E-01	-3.22E-01	0.00E+00	0.00E+00	0.00E+00	-2.47E+01
WH37625306D	-3.85E-03	-5.03E-02	8.37E-05	-4.98E-02	0.00E+00	0.00E+00	-7.76E-01	-5.02E-04	6.75E-06	-1.70E-03	0.00E+00	0.00E+00	-5.54E-10	-5.54E-08	-6.06E-05	-1.98E+00	0.00E+00	0.00E+00	-5.20E-01	0.00E+00	-1.28E-01	0.00E+00	4.67E-10	-7.95E-09	-6.13E-04	-2.12E-10	-3.22E-01	0.00E+00	-1.28E-01	-1.15E-05	-1.28E-01	-8.80E-01	-3.22E-01	0.00E+00	0.00E+00	0.00E+00	-2.47E+01
WH37625700D	-3.86E-03	-5.02E-02	-8.30E-05	-4.97E-02	0.00E+00	0.00E+00	-7.80E-01	-5.08E-04	-3.49E-05	-1.81E-03	0.00E+00	0.00E+00	-5.57E-10	-5.68E-08	6.81E-04	-1.94E+00	0.00E+00	0.00E+00	-5.35E-01	0.00E+00	-1.28E-01	0.00E+00	5.07E-10	-8.00E-09	-6.28E-04	-2.12E-10	-3.20E-01	0.00E+00	-1.28E-01	-1.19E-05	-1.28E-01	-8.80E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+01
WH37628306D	-3.80E-03	-5.03E-02	7.80E-05	-4.98E-02	0.00E+00	0.00E+00	-7.90E-01	-5.10E-04	1.52E-05	-1.69E-03	0.00E+00	0.00E+00	-5.54E-10	-5.56E-08	-5.95E-05	-1.98E+00	0.00E+00	0.00E+00	-5.12E-01	0.00E+00	-1.24E-01	0.00E+00	4.67E-10	-7.95E-09	-6.13E-04	-2.12E-10	-3.22E-01	0.00E+00	-1.24E-01	-1.16E-05	-1.24E-01	-8.80E-01	-3.22E-01	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
WH37629000D	-6.91E-03	-4.90E-02	-1.25E-03	-4.77E-02	0.00E+00	0.00E+00	-1.69E+00	-6.95E-04	-2.85E-04	-3.66E-03	0.00E+00	0.00E+00	-8.59E-10	-8.11E-08	-1.20E-03	-3.59E+00	0.00E+00	0.00E+00	-1.32E+00	0.00E+00	-5.07E-01	0.00E+00	-2.22E-09	-1.39E-08	-1.06E-03	0.00E+00	-5.69E-01	0.00E+00	-5.07E-01	-2.01E-05	-5.07E-01	-1.08E+00	-5.69E-01	0.00E+00	0.00E+00	0.00E+00	-5.66E+01
WH37629100D	1.11E-04	-1.18E-01	6.75E-04	-1.19E-01	0.00E+00	0.00E+00	-3.44E-02	-4.03E-05	3.75E-04	-7.42E-04	0.00E+00	0.00E+00	-8.18E-10	6.16E-10	6.01E-04	-4.42E+00	0.00E+00	0.00E+00	-3.10E-01	0.00E+00	-4.03E-01	0.00E+00	2.08E-10	-7.41E-09	-3.54E-04	0.00E+00	-6.52E-01	0.00E+00	-4.03E-01	-1.80E-06	-4.03E-01	-1.05E+00	-6.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+01
WH37640300D	1.14E-03	1.44E-01	2.95E-03	1.41E-01	0.00E+00	0.00E+00	4.25E-01	6.21E-07	7.18E-04	1.22E-03	0.00E+00	0.00E+00	8.72E-11	7.08E-09	3.10E-03	2.05E-01	0.00E+00	0.00E+00	4.08E-01	0.00E+00	7.61E-01	0.00E+00	6.93E-09	3.88E-09	3.36E-04	0.00E+00	7.84E-02	0.00E+00	7.61E-01	7.70E-08	7.61E-01	8.40E-01	7.84E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
WH37640305D	-9.52E-03	-7.09E-02	-1.69E-03	-6.92E-02	0.00E+00	0.00E+00	-2.33E+00	-9.58E-04	-3.89E-04	-5.09E-03	0.00E+00	0.00E+00	-1.18E-09	-1.12E-07	-1.60E-03	-4.83E+00	0.00E+00	0.00E+00	-1.82E+00	0.00E+00	-6.89E-01	0.00E+00	-3.05E-09	-1.91E-08	-1.47E-03	0.00E+00	-7.66E-01	0.00E+00	-6.89E-01	-2.76E-05	-6.89E-01	-1.45E+00	-7.66E-01	0.00E+00	0.00E+00	0.00E+00	-7.80E+01
WH37640306D	-3.82E-03	-5.10E-02	6.85E-05	-4.79E-02	0.00E+00	0.00E+00	-7.79E-01	-5.43E-04	6.87E-05	-1.70E-03	0.00E+00	0.00E+00	-5.59E-10	-6.00E-08	6.37E-04	-1.97E+00	0.00E+00	0.00E+00	-4.94E-01	0.00E+00	-1.23E-01	0.00E+00	5.81E-10	-8.25E-09	-6.01E-04	-2.12E-10	-3.17E-01	0.00E+00	-1.23E-01	-1.33E-05	-1.23E-01	-8.80E-01	-3.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
WH37640700D	-1.01E-02	-1.92E-02	-1.69E-03	-1.75E-02	0.00E+00	0.00E+00	-2.45E+00	-1.02E-03	-4.04E-04	-5.28E-03	0.00E+00	0.00E+00	-1.25E-09	-1.19E-07	-1.40E-03	-1.07E+00	0.00E+00	0.00E+00	-1.90E+00	0.00E+00	-6.37E-01	0.00E+00	-2.51E-09	-1.81E-08	-1.53E-03	0.00E+00	-2.21E-01	0.00E+00	-6.37E-01	-2.93E-05	-6.37E-01	-8.57E-01	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-8.18E+01
WH37640705D	-4.66E-03	-5.36E-02	-6.38E-05	-5.26E-02	0.00E+00	0.00E+00	-9.48E-01	-6.30E-04	3.50E-05	-1.74E-03	0.00E+00	0.00E+00	-5.89E-10	-6.96E-08	4.83E-04	-2.89E+00	0.00E+00	0.00E+00	-6.05E-01	0.00E+00	-1.05E-01	0.00E+00	5.08E-10	-9.49E-09	-6.45E-04	-2.12E-10	-4.64E-01	0.00E+00	-1.05E-01	-1.45E-05	-1.05E-01	-8.94E-01	-4.64E-01	0.00E+00	0.00E+00	0.00E+00	-3.43E+01
WH37643300D	-4.63E-03	-5.36E-02	8.62E-05	-5.39E-02	0.00E+00	0.00E+00	-8.98E-01	-6.12E-04	8.73E-05	-1.53E-03	0.00E+00	0.00E+00	-5.77E-10	-6.64E-08	1.00E-03	-2.95E+00	0.00E+00	0.00E+00	-5.42E-01	0.00E+00	-9.88E-02	0.00E+00	5.08E-10	-9.25E-09	-6.08E-04	-2.12E-10	-4.76E-01	0.00E+00	-9.88E-02	-1.45E-05	-9.88E-02	-8.94E-01	-4.76E-01	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
WH37643306D	-3.73E-03	-5.10E-02	7.95E-05	-4.79E-02	0.00E+00	0.00E+00	-7.82E-01	-5.23E-04	8.23E-05	-1.54E-03	0.00E+00	0.00E+00	-5.53E-10	-5.74E-08	7.26E-04	-1.97E+00	0.00E+00	0.00E+00	-4.55E-01	0.00E+00	-1.23E-01	0.00E+00	5.81E-10	-8.18E-09	-5.79E-04	-2.12E-10	-3.17E-01	0.00E+00	-1.23E-01	-1.31E-05	-1.23E-01	-8.80E-01	-3.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
WH37645300D	-9.46E-03	-1.17E-02	-1.44E-03	-1.03E-02	0.00E+00	0.00E+00	-2.29E+00	-9.58E-04	-3.75E-04	-4.92E-03	0.00E+00	0.00E+00	-1.17E-09	-1.12E-07	-1.08E-03	-1.02E+00	0.00E+00	0.00E+00	-1.78E+00	0.00E+00	-5.44E-01	0.00E+00	-1.73E-09	-1.68E-08	-1.42E-03	0.00E+00	-2.08E-01	0.00E+00	-5.44E-01	-2.76E-05	-5.44E-01	-7.51E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-7.66E+01
WH37645305D	-3.82E-03	-5.12E-02	1.72E-04	-4.80E-02	0.00E+00	0.00E+00	-7.84E-01	-5.43E-04	6.86E-05	-1.64E-03	0.00E+00	0.00E+00	-5.61E-10	-5.93E-08	1.08E-04	-1.98E+00	0.00E+00	0.00E+00	-4.91E-01	0.00E+00	-1.23E-01	0.00E+00	5.41E-10	-8.25E-09	-5.87E-04	-2.12E-10	-3.20E-01	0.00E+00	-1.23E-01	-1.32E-05	-1.23E-01	-8.80E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH37645306D	-3.82E-03	-5.12E-02	1.72E-04	-4.80E-02	0.00E+00	0.00E+00	-7.84E-01	-5.43E-04	6.86E-05	-1.64E-03	0.00E+00	0.00E+00	-5.61E-10	-5.93E-08	1.08E-04	-1.98E+00	0.00E+00	0.00E+00	-4.91E-01	0.00E+00	-1.23E-01	0.00E+00	5.41E-10	-8.25E-09	-5.87E-04	-2.12E-10	-3.20E-01	0.00E+00	-1.23E-01	-1.32E-05	-1.23E-01	-8.80E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH37645700D	-4.56E-03	-5.30E-02	-1.10E-05	-5.26E-02	0.00E+00	0.00E+00	-9.07E-01	-6.40E-04	3.00E-05	-1.74E-03	0.00E+00	0.00E+00	-5.89E-10	-6.86E-08	6.09E-04	-2.41E+00	0.00E+00	0.00E+00	-6.06E-01	0.00E+00	-1.05E-01	0.00E+00	4.39E-10	-8.99E-09	-6.45E-04	-2.12E-10	-3.92E-01	0.00E+00	-1.05E-01	-1.43E-05	-1.05E-01	-8.97E-01	-3.92E-01	0.00E+00	0.00E+00	0.00E+00	-3.29E+01
WH37645705D	-3.84E-03	-5.12E-02	4.35E-05	-4.98E-02	0.00E+00	0.00E+00	-7.98E-01	-5.54E-04	3.49E-05	-1.69E-03	0.00E+00	0.00E+00	-5.67E-10	-6.01E-08	-8.73E-05	-1.98E+00	0.00E+00	0.00E+00	-5.21E-01	0.00E+00	-1.29E-01	0.00E+00	5.41E-10	-8.32E-09	-6.01E-04	-2.12E-10	-3.22E-01	0.00E+00	-1.29E-01	-1.31E-05	-1.29E-01	-8.80E-01	-3.22E-01	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
WH37648300D	-4.63E-03	-5.36E-02	8.62E-05	-5.09E-02	0.00E+00	0.00E+00	-8.98E-01	-6.12E-04	8.73E-05	-1.53E-03	0.00E+00	0.00E+00	-5.77E-10	-6.64E-08	1.00E-03	-2.95E+00	0.00E+00	0.00E+00	-5.42E-01	0.00E+00	-9.88E-02	0.00E+00	5.08E-10	-9.25E-09	-6.08E-04	-2.12E-10	-4.76E-01	0.00E+00	-9.88E-02	-1.43E-05	-9.88E-02	-8.94E-01	-4.76E-01	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
WH37648305D	-3.75E-03	-5.12E-02	1.83E-04	-4.78E-02	0.00E+00	0.00E+00	-7.82E-01	-5.23E-04	9.02E-05	-1.47E-03	0.00E+00	0.00E+00	-5.54E-10	-5.66E-08	2.11E-04	-1.98E+00	0.00E+00	0.00E+00	-4.52E-01	0.00E+00	-1.23E-01	0.00E+00	5.41E-10	-8.18E-09	-5.65E-04	-2.12E-10	-3.20E-01	0.00E+00	-1.23E-01	-1.30E-05	-1.23E-01	-8.80E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.58E+01
WH37648306D	-3.75E-03	-5.12E-02	1.83E-04	-4.78E-02	0.00E+00	0.00E+00	-7.82E-01	-5.23E-04	9.02E-05	-1.47E-03	0.00E+00	0.00E+00	-5.54E-10	-5.66E-08	2.11E-04	-1.98E+00	0.00E+00	0.00E+00	-4.52E-01	0.00E+00	-1.23E-01	0.00E+00	5.41E-10	-8.18E-09	-5.65E-04	-2.12E-10	-3.20E-01	0.00E+00	-1.23E-01	-1.30E-05	-1.23E-01	-8.80E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.58E+01
WH37649000D	8.48E-04	-2.20E-02	1.87E-03	-2.38E-02	0.00E+00	0.00E+00	3.11E-01	-8.17E-08	6.27E-04	1.36E-04	0.00E+00	0.00E+00	3.91E-11	6.66E-09	1.17E-03	-2.94E+00	0.00E+00	0.00E+00	2.85E-01	0.00E+00	2.69E-01	0.00E+00	2.19E-09	1.57E-10	7.86E-05	0.00E+00	-3.96E-01	0.00E+00	2.69E-01	-1.01E-08	2.69E-01	-1.27E-01	-3.96E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+01
WH37649100D	-9.30E-03	-2.76E-02	8.34E-04	-2.85E-02	0.00E+00	0.00E+00	-1.61E+00	-9.66E-04	-3.57E-04	-4.68E-03	0.00E+00	0.00E+00	-1.08E-09	-1.11E-07	3.31E-03	-3.59E+00	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	5.34E-01	0.00E+00	5.93E-09	-1.47E-08	-1.32E-03	0.00E+00	-5.12E-01	0.00E+00	5.34E-01	-2.75E-05	5.34E-01	2.23E-02	-5.12E-01	0.00E+00	0.00E+00	0.00E+00	-5.77E+01
WH37660205D	-9.34E-03	-2.56E-02	-4.99E-04	-1.32E-02	0.00E+00	0.00E+00	-1.15E+00	-6.30E-04	-1.10E-04	-1.83E-03	0.00E+00	-8.43E-08	-6.20E-10	-4.58E-08	-2.15E-03	-2.36E+00	0.00E+00	0.00E+00	-9.01E-01	-3.01E-05	-2.04E-01	0.00E+00	3.93E-09	-1.10E-08	-8.69E-04	-2.00E-08	-3.77E-01	0.00E+00	-2.04E-01	-1.74E-05	-2.04E-01	-4.19E-01	-3.77E-01	0.00E+00	0.00E+00	0.00E+00	-4.73E+01
WH37660590D	-1.18E-02	-7.86E-01	-9.55E-03	-7.76E-01	0.00E+00	0.00E+00	-4.19E+00	-1.02E-03	-8.92E-04	-1.19E-02	0.00E+00	0.00E+00	-7.50E-09	-1.14E-07	-1.21E-02	-5.08E+00	0.00E+00	0.00E+00	-6.10E+00	0.00E+00	-8.02E+00	0.00E+00	-3.50E-08	-7.63E-08	-4.81E-03	0.00E+00	-1.13E+00	0.00E+00	-8.02E+00	-4.48E-05	-8.02E+00	-9.15E+00	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	-2.55E+02
WH37660900D	-5.81E-04	1.56E-02	4.04E-03	1.16E-02	0.00E+00	0.00E+00	7.78E-01	-1.41E-04	4.93E-04	-2.94E-04	0.00E+00	0.00E+00	1.05E-11	-8.87E-09	5.18E-03	-3.53E+00	0.00E+00	0.00E+00	5.32E-01	0.00E+00	1.04E+00	0.00E+00	8.61E-09	-1.69E-10	-3.97E-05	0.00E+00	-4.16E-01	0.00E+00	1.04E+00	-8.80E-06	1.04E+00	6.28E-01	-4.16E-01	0.00E+00	0.00E+00	0.00E+00	1.79E+01
WH37661000D	-1.45E-02	-1.32E-01	-2.52E-03	-1.30E-01	0.00E+00	0.00E+00	-2.30E+00	-9.07E-04	-4.35E-04	-5.59E-03	0.00E+00	0.00E+00	-1.18E-09	-1.07E-07	-2.93E-03	-4.39E+00	0.00E+00	0.00E+00	-1.83E+00	0.00E+00	-9.87E-01	0.00E+00	-5.48E-09	-2.00E-08	-1.58E-03	0.00E+00	-7.05E-01	0.00E+00	-9.87E-01	-3.57E-05	-9.87E-01	-1.69E+00	-7.05E-01	0.00E+00	0.00E+00	0.00E+00	-7.71E+01
WH37661005D	-8.74E-03	-1.05E-01	1.37E-04	-2.90E-01	0.00E+00	0.00E+00	-2.17E+00	-8.06E-04	-6.92E-05	-2.60E-03	0.00E+00	-8.43E-08	-8.73E-10	-9.53E-08	7.25E-04	-6.65E+00	0.00E+00	0.00E+00	-7.67E-01	-3.01E-05	3.07E-01	0.00E+00	-1.18E-09	-1.42E-08	-9.44E-04	-2.00E-08	-1.17E+00	0.00E+00	3.07E-01	-3.17E-05	3.07E-01	-2.70E+00	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	-4.83E+01

WH37661006D	-5.88E-03	6.35E-02	2.93E-04	6.32E-02	0.00E+00	0.00E+00	-1.32E+00	-6.40E-04	-2.08E-05	-2.66E-03	0.00E+00	0.00E+00	-7.58E-10	-7.31E-08	1.66E-03	-4.33E-01	0.00E+00	0.00E+00	-9.31E-01	0.00E+00	3.42E-01	0.00E+00	4.66E-09	-8.39E-09	-7.63E-04	0.00E+00	-6.96E-02	0.00E+00	3.42E-01	-2.28E-05	3.42E-01	2.73E-01	-6.96E-02	0.00E+00	0.00E+00	0.00E+00	-4.17E+01
WH37682100D	-4.28E-03	-5.08E-02	3.27E-04	2.24E-03	0.00E+00	0.00E+00	-7.07E-01	-5.66E-04	-2.75E-05	-1.52E-03	0.00E+00	0.00E+00	-4.40E-10	-6.00E-08	6.84E-04	-1.81E+00	0.00E+00	0.00E+00	-6.37E-01	0.00E+00	1.75E-02	0.00E+00	1.67E-09	-7.39E-09	-6.29E-04	-2.12E-10	-2.08E-01	0.00E+00	1.75E-02	-9.88E-06	1.75E-02	-2.23E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
WH37682200D	-4.28E-03	-5.08E-02	3.27E-04	2.24E-03	0.00E+00	0.00E+00	-7.07E-01	-5.66E-04	-2.75E-05	-1.52E-03	0.00E+00	0.00E+00	-4.40E-10	-6.00E-08	6.84E-04	-1.81E+00	0.00E+00	0.00E+00	-6.37E-01	0.00E+00	1.75E-02	0.00E+00	1.67E-09	-7.39E-09	-6.29E-04	-2.12E-10	-2.08E-01	0.00E+00	1.75E-02	-9.88E-06	1.75E-02	-2.23E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
WH37682300D	-4.28E-03	-5.08E-02	3.27E-04	2.24E-03	0.00E+00	0.00E+00	-7.07E-01	-5.66E-04	-2.75E-05	-1.52E-03	0.00E+00	0.00E+00	-4.40E-10	-6.00E-08	6.84E-04	-1.81E+00	0.00E+00	0.00E+00	-6.37E-01	0.00E+00	1.75E-02	0.00E+00	1.67E-09	-7.39E-09	-6.29E-04	-2.12E-10	-2.08E-01	0.00E+00	1.75E-02	-9.88E-06	1.75E-02	-2.23E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
WH37682400D	-3.78E-03	-7.90E-02	3.68E-04	-6.57E-02	0.00E+00	0.00E+00	-8.63E-01	-7.39E-04	-3.92E-05	-1.73E-03	0.00E+00	0.00E+00	-5.89E-10	-8.08E-08	1.55E-03	-4.78E+00	0.00E+00	0.00E+00	-4.21E-01	0.00E+00	1.44E-01	0.00E+00	1.95E-09	-8.94E-09	-6.31E-04	-2.12E-10	-7.13E-01	0.00E+00	1.44E-01	-1.38E-05	1.44E-01	-8.21E-01	-7.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH37682500D	-3.78E-03	-7.90E-02	3.68E-04	-6.57E-02	0.00E+00	0.00E+00	-8.63E-01	-7.39E-04	-3.92E-05	-1.73E-03	0.00E+00	0.00E+00	-5.89E-10	-8.08E-08	1.55E-03	-4.78E+00	0.00E+00	0.00E+00	-4.21E-01	0.00E+00	1.44E-01	0.00E+00	1.95E-09	-8.94E-09	-6.31E-04	-2.12E-10	-7.13E-01	0.00E+00	1.44E-01	-1.38E-05	1.44E-01	-8.21E-01	-7.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH37682600D	-3.78E-03	-7.90E-02	3.68E-04	-6.57E-02	0.00E+00	0.00E+00	-8.63E-01	-7.39E-04	-3.92E-05	-1.73E-03	0.00E+00	0.00E+00	-5.89E-10	-8.08E-08	1.55E-03	-4.78E+00	0.00E+00	0.00E+00	-4.21E-01	0.00E+00	1.44E-01	0.00E+00	1.95E-09	-8.94E-09	-6.31E-04	-2.12E-10	-7.13E-01	0.00E+00	1.44E-01	-1.38E-05	1.44E-01	-8.21E-01	-7.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH37683100D	-4.12E-03	-8.99E-02	-2.65E-05	-7.22E-02	0.00E+00	0.00E+00	-9.18E-01	-7.39E-04	-4.83E-05	-1.79E-03	0.00E+00	0.00E+00	-6.89E-10	-8.09E-08	1.37E-03	-4.73E+00	0.00E+00	0.00E+00	-4.19E-01	0.00E+00	-5.78E-02	0.00E+00	-2.11E-10	-1.04E-08	-7.78E-04	-2.12E-10	-7.18E-01	0.00E+00	-5.78E-02	-1.38E-05	-5.78E-02	-9.99E-01	-7.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH37683106D	-4.12E-03	-8.99E-02	-2.65E-05	-7.22E-02	0.00E+00	0.00E+00	-9.18E-01	-7.39E-04	-4.83E-05	-1.79E-03	0.00E+00	0.00E+00	-6.89E-10	-8.09E-08	1.37E-03	-4.73E+00	0.00E+00	0.00E+00	-4.19E-01	0.00E+00	-5.78E-02	0.00E+00	-2.11E-10	-1.04E-08	-7.78E-04	-2.12E-10	-7.18E-01	0.00E+00	-5.78E-02	-1.38E-05	-5.78E-02	-9.99E-01	-7.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH37683200D	-4.12E-03	-8.99E-02	-2.65E-05	-7.22E-02	0.00E+00	0.00E+00	-9.18E-01	-7.39E-04	-4.83E-05	-1.79E-03	0.00E+00	0.00E+00	-6.89E-10	-8.09E-08	1.37E-03	-4.73E+00	0.00E+00	0.00E+00	-4.19E-01	0.00E+00	-5.78E-02	0.00E+00	-2.11E-10	-1.04E-08	-7.78E-04	-2.12E-10	-7.18E-01	0.00E+00	-5.78E-02	-1.38E-05	-5.78E-02	-9.99E-01	-7.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH37683205D	-4.12E-03	-8.99E-02	-2.65E-05	-7.22E-02	0.00E+00	0.00E+00	-9.18E-01	-7.39E-04	-4.83E-05	-1.79E-03	0.00E+00	0.00E+00	-6.89E-10	-8.09E-08	1.37E-03	-4.73E+00	0.00E+00	0.00E+00	-4.19E-01	0.00E+00	-5.78E-02	0.00E+00	-2.11E-10	-1.04E-08	-7.78E-04	-2.12E-10	-7.18E-01	0.00E+00	-5.78E-02	-1.38E-05	-5.78E-02	-9.99E-01	-7.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH37683206D	-4.12E-03	-8.99E-02	-2.65E-05	-7.22E-02	0.00E+00	0.00E+00	-9.18E-01	-7.39E-04	-4.83E-05	-1.79E-03	0.00E+00	0.00E+00	-6.89E-10	-8.09E-08	1.37E-03	-4.73E+00	0.00E+00	0.00E+00	-4.19E-01	0.00E+00	-5.78E-02	0.00E+00	-2.11E-10	-1.04E-08	-7.78E-04	-2.12E-10	-7.18E-01	0.00E+00	-5.78E-02	-1.38E-05	-5.78E-02	-9.99E-01	-7.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH37683300D	-4.12E-03	-8.99E-02	-2.65E-05	-7.22E-02	0.00E+00	0.00E+00	-9.18E-01	-7.39E-04	-4.83E-05	-1.79E-03	0.00E+00	0.00E+00	-6.89E-10	-8.09E-08	1.37E-03	-4.73E+00	0.00E+00	0.00E+00	-4.19E-01	0.00E+00	-5.78E-02	0.00E+00	-2.11E-10	-1.04E-08	-7.78E-04	-2.12E-10	-7.18E-01	0.00E+00	-5.78E-02	-1.38E-05	-5.78E-02	-9.99E-01	-7.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH37683305D	-4.12E-03	-8.99E-02	-2.65E-05	-7.22E-02	0.00E+00	0.00E+00	-9.18E-01	-7.39E-04	-4.83E-05	-1.79E-03	0.00E+00	0.00E+00	-6.89E-10	-8.09E-08	1.37E-03	-4.73E+00	0.00E+00	0.00E+00	-4.19E-01	0.00E+00	-5.78E-02	0.00E+00	-2.11E-10	-1.04E-08	-7.78E-04	-2.12E-10	-7.18E-01	0.00E+00	-5.78E-02	-1.38E-05	-5.78E-02	-9.99E-01	-7.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH37683306D	-4.12E-03	-8.99E-02	-2.65E-05	-7.22E-02	0.00E+00	0.00E+00	-9.18E-01	-7.39E-04	-4.83E-05	-1.79E-03	0.00E+00	0.00E+00	-6.89E-10	-8.09E-08	1.37E-03	-4.73E+00	0.00E+00	0.00E+00	-4.19E-01	0.00E+00	-5.78E-02	0.00E+00	-2.11E-10	-1.04E-08	-7.78E-04	-2.12E-10	-7.18E-01	0.00E+00	-5.78E-02	-1.38E-05	-5.78E-02	-9.99E-01	-7.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
WH37683400D	-4.33E-03	-5.11E-02	4.70E-04	3.70E-03	0.00E+00	0.00E+00	-7.04E-01	-5.66E-04	-2.30E-05	-1.49E-03	0.00E+00	0.00E+00	-4.37E-10	-6.01E-08	8.43E-04	-1.81E+00	0.00E+00	0.00E+00	-6.33E-01	0.00E+00	1.52E-01	0.00E+00	1.59E-09	-7.40E-09	-6.17E-04	-2.12E-10	-2.08E-01	0.00E+00	1.52E-01	-9.93E-06	1.52E-01	-1.16E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-2.81E+01
WH37683406D	-3.78E-03	-9.21E-02	3.92E-04	-6.99E-02	0.00E+00	0.00E+00	-8.61E-01	-7.39E-04	-4.10E-05	-1.74E-03	0.00E+00	0.00E+00	-5.84E-10	-8.09E-08	1.52E-03	-4.73E+00	0.00E+00	0.00E+00	-4.18E-01	0.00E+00	1.28E-01	0.00E+00	1.72E-09	-9.09E-09	-6.23E-04	-2.12E-10	-7.13E-01	0.00E+00	1.28E-01	-1.39E-05	1.28E-01	-8.48E-01	-7.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
WH37683500D	-4.33E-03	-5.11E-02	4.70E-04	3.70E-03	0.00E+00	0.00E+00	-7.04E-01	-5.66E-04	-2.30E-05	-1.49E-03	0.00E+00	0.00E+00	-4.37E-10	-6.01E-08	8.43E-04	-1.81E+00	0.00E+00	0.00E+00	-6.33E-01	0.00E+00	1.52E-01	0.00E+00	1.59E-09	-7.40E-09	-6.17E-04	-2.12E-10	-2.08E-01	0.00E+00	1.52E-01	-9.93E-06	1.52E-01	-1.16E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-2.81E+01
WH37683506D	-3.78E-03	-9.21E-02	3.92E-04	-6.99E-02	0.00E+00	0.00E+00	-8.61E-01	-7.39E-04	-4.10E-05	-1.74E-03	0.00E+00	0.00E+00	-5.84E-10	-8.09E-08	1.52E-03	-4.73E+00	0.00E+00	0.00E+00	-4.18E-01	0.00E+00	1.28E-01	0.00E+00	1.72E-09	-9.09E-09	-6.23E-04	-2.12E-10	-7.13E-01	0.00E+00	1.28E-01	-1.39E-05	1.28E-01	-8.48E-01	-7.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
WH37683600D	-4.33E-03	-5.11E-02	4.70E-04	3.70E-03	0.00E+00	0.00E+00	-7.04E-01	-5.66E-04	-2.30E-05	-1.49E-03	0.00E+00	0.00E+00	-4.37E-10	-6.01E-08	8.43E-04	-1.81E+00	0.00E+00	0.00E+00	-6.33E-01	0.00E+00	1.52E-01	0.00E+00	1.59E-09	-7.40E-09	-6.17E-04	-2.12E-10	-2.08E-01	0.00E+00	1.52E-01	-9.93E-06	1.52E-01	-1.16E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-2.81E+01
WH37683606D	-3.78E-03	-9.21E-02	3.92E-04	-6.99E-02	0.00E+00	0.00E+00	-8.61E-01	-7.39E-04	-4.10E-05	-1.74E-03	0.00E+00	0.00E+00	-5.84E-10	-8.09E-08	1.52E-03	-4.73E+00	0.00E+00	0.00E+00	-4.18E-01	0.00E+00	1.28E-01	0.00E+00	1.72E-09	-9.09E-09	-6.23E-04	-2.12E-10	-7.13E-01	0.00E+00	1.28E-01	-1.39E-05	1.28E-01	-8.48E-01	-7.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
WH37685300D	-4.38E-03	-6.76E-02	4.70E-04	-5.81E-02	0.00E+00	0.00E+00	-8.56E-01	-6.62E-04	7.43E-05	-1.70E-03	0.00E+00	0.00E+00	-5.18E-10	-7.67E-08	1.03E-03	-3.04E+00	0.00E+00	0.00E+00	-5.56E-01	0.00E+00	9.62E-02	0.00E+00	1.98E-09	-8.84E-09	-5.42E-04	-2.12E-10	-4.09E-01	0.00E+00	9.62E-02	-1.42E-05	9.62E-02	-7.73E-01	-4.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.96E+01
WH37685400D	-4.38E-03	-6.76E-02	4.70E-04	-5.81E-02	0.00E+00	0.00E+00	-8.56E-01	-6.62E-04	7.43E-05	-1.70E-03	0.00E+00	0.00E+00	-5.18E-10	-7.67E-08	1.03E-03	-3.04E+00	0.00E+00	0.00E+00	-5.56E-01	0.00E+00	9.62E-02	0.00E+00	1.98E-09	-8.84E-09	-5.42E-04	-2.12E-10	-4.09E-01	0.00E+00	9.62E-02	-1.42E-05	9.62E-02	-7.73E-01	-4.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.96E+01
WH37685500D	-4.38E-03	-6.76E-02	4.70E-04	-5.81E-02	0.00E+00	0.00E+00	-8.56E-01	-6.62E-04	7.43E-05	-1.70E-03	0.00E+00	0.00E+00	-5.18E-10	-7.67E-08	1.03E-03	-3.04E+00	0.00E+00	0.00E+00	-5.56E-01	0.00E+00	9.62E-02	0.00E+00	1.98E-09	-8.84E-09	-5.42E-04	-2.12E-10	-4.09E-01	0.00E+00	9.62E-02	-1.42E-05	9.62E-02	-7.73E-01	-4.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.96E+01
WH37687000D	-4.17E-03	-9.08E-02	1.24E-05	-7.41E-02	0.00E+00	0.00E+00	-9.24E-01	-7.48E-04	-1.93E-05	-1.84E-03	0.00E+00	0.00E+00	-6.86E-10	-8.31E-08	1.40E-03	-4.79E+00	0.00E+00	0.00E+00	-4.23E-01	0.00E+00	-4.31E-02	0.00E+00	-1.19E-10	-1.03E-08	-7.97E-04	-2.12E-10	-7.42E-01	0.00E+00	-4.31E-02	-1.36E-05	-4.31E-02	-1.03E+00	-7.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH37687100D	-4.17E-03	-9.08E-02	1.24E-05	-7.41E-02	0.00E+00	0.00E+00	-9.24E-01	-7.48E-04	-1.93E-05	-1.84E-03	0.00E+00	0.00E+00	-6.86E-10	-8.31E-08	1.40E-03	-4.79E+00	0.00E+00	0.00E+00	-4.23E-01	0.00E+00	-4.31E-02	0.00E+00	-1.19E-10	-1.03E-08	-7.97E-04	-2.12E-10	-7.42E-01	0.00E+00	-4.31E-02	-1.36E-05	-4.31E-02	-1.03E+00	-7.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH37687200D	-4.17E-03	-9.08E-02	1.24E-05	-7.41E-02	0.00E+00	0.00E+00	-9.24E-01	-7.48E-04	-1.93E-05	-1.84E-03	0.00E+00	0.00E+00	-6.86E-10	-8.31E-08	1.40E-03	-4.79E+00	0.00E+00	0.00E+00	-4.23E-01	0.00E+00	-4.31E-02	0.00E+00	-1.19E-10	-1.03E-08	-7.97E-04	-2.12E-10	-7.42E-01	0.00E+00	-4.31E-02	-1.36E-05	-4.31E-02	-1.03E+00	-7.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WH37687300D	-4.97E-03	-9.31E-02	1.15E-04	-7.40E-02	0.00E+00	0.00E+00	-1.01E+00	-7.89E-04	1.90E-05	-1.76E-03	0.00E+00	0.00E+00	-7.21E-10	-9.21E-08	1.61E-03	-5.55E+00	0.00E+00	0.00E+00	-4.58E-01	0.00E+00	-2.73E-02	0.00E+00	-1.13E-10	-1.05E-08	-8.26E-04	-2.12E-10	-8.24E-01	0.00E+00	-2.73E-02	-1.50E-05	-2.73E-02	-1.04E+00	-8.24E-01	0.00E+00	0.00E+00	0.00E+00	-3.11E+01
WH37687305D	-4.22E-03	-9.13E-02	7.94E-05	-7.11E-02	0.00E+00	0.00E+00	-9.18E-01	-7.62E-04	1.81E-05	-1.79E-03	0.00E+00	0.00E+00	-6.94E-10	-8.65E-08	1.66E-03	-4.96E+00	0.00E+00	0.00E+00	-3.74E-01	0.00E+00	-4.37E-02	0.00E+00	-1.19E-11	-1.03E-08	-7.97E-04	-2.12E-10	-7.68E-01	0.00E+00	-4.37E-02	-1.42E-05	-4.37E-02	-1.03E+00	-7.68E-01	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
WH37687400D	7.32E-04	-1.52E-01	1.56E-03	-1.54E-01	0.00E+00	0.00E+00	2.51E-01	-5.73E-07	5.98E-04	-2.29E-04	0.00E+00	0.00E+00	7.74E-12	6.37E-09	3.77E-04	-1.16E+01	0.00E+00	0.00E+00	2.11E-01	0.00E+00	2.95E-02	0.00E+00	3.04E-10	-4.65E-09	-1.51E-05	0.00E+00	-1.67E+00	0.00E+00	2.95E-02	-1.86E-08	2.95E-02	-1.64E+00	-1.67E+00	0.00E+00	0.00E+00	0.00E+00	8.24E+00
WH37687405D	-4.22E-03	-9.13E-02	7.94E-05	-7.11E-02	0.00E+00	0.00E+00	-9.18E-01	-7.62E-04	1.81E-05	-1.79E-03	0.00E+00	0.00E+00	-6.94E-10	-8.65E-08	1.66E-03	-4.96E+00	0.00E+00	0.00E+00	-3.74E-01	0.00E+00	-4.37E-02	0.00E+00	-1.19E-11	-1.03E-08	-7.97E-04	-2.12E-10	-7.68E-01	0.00E+00	-4.37E-02	-1.42E-05	-4.37E-02	-1.03E+00	-7.68E-01	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
WH37687500D	-4.97E-03	-9.31E-02	1.15E-04	-7.40E-02	0.00E+00	0.00E+00	-1.01E+00	-7.89E-04	1.90E-05	-1.76E-03	0.00E+00	0.00E+00	-7.21E-10	-9.21E-08	1.61E-03	-5.55E+00	0.00E+00	0.00E+00	-4.58E-01	0.00E+00	-2.73E-02	0.00E+00	-1.13E-10	-1.05E-08	-8.26E-04	-2.12E-10	-8.24E-01	0.00E+00	-2.73E-02	-1.50E-05	-2.73E-02	-1.04E+00	-8.24E-01	0.00E+00	0.00E+00	0.00E+00	-3.11E+01
WH37687505D	-4.22E-03	-9.13E-02	7.94E-05	-7.11E-02	0.00E+00	0.00E+00	-9.18E-01	-7.62E-04	1.81E-05	-1.79E-03	0.00E+00	0.00E+00	-6.94E-10	-8.65E-08	1.66E-03	-4.96E+00	0.00E+00	0.00E+00	-3.74E-01	0.00E+00	-4.37E-02	0.00E+00	-1.19E-11	-1.03E-08	-7.97E-04	-2.12E-10	-7.68E-01	0.00E+00	-4.37E-02	-1.42E-05	-4.37E-02	-1.03E+00	-7.68E-01	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
WH37687506D	-4.22E-03	-9.13E-02	7.94E-05	-7.11E-02	0.00E+00	0.00E+00	-9.18E-01	-7.62E-04	1.81E-05	-1.79E-03	0.00E+00	0.00E+00	-6.94E-10	-8.65E-08	1.66E-03	-4.96E+00	0.00E+00	0.00E+00	-3.74E-01	0.00E+00	-4.37E-02	0.00E+00	-1.19E-11	-1.03E-08	-7.97E-04	-2.12E-10	-7.68E-01	0.00E+00	-4.37E-02	-1.42E-05	-4.37E-02	-1.03E+00	-7.68E-01	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
WH37687600D	-4.60E-03	-9.47E-02	4.76E-04	-7.48E-02	0.00E+00	0.00E+00	-9.57E-01	-7.75E-04	-2.69E-06	-1.76E-03	0.00E+00	0.00E+00	-6.06E-10	-8.87E-08	1.60E-03	-5.45E+00	0.00E+00	0.00E+00	-5.03E-01	0.00E+00	1.55E-01	0.00E+00	1.83E-09	-9.24E-09	-6.71E-04	-2.12E-10	-7.93E-01	0.00E+00	1.55E-01	-1.45E-05	1.55E-01	-8.85E-01	-7.93E-01	0.00E+00	0.00E+00	0.00E+00	-2.88E+01
WH37687605D	-3.84E-03	-9.29E-02	4.41E-04	-7.19E-02	0.00E+00	0.00E+00	-8.67E-01	-7.48E-04	-1.20E-05	-1.79E-03	0.00E+00	0.00E+00	-5.78E-10	-8.31E-08	1.60E-03	-4.79E+00	0.00E+00	0.00E+00	-4.22E-01	0.00E+00	1.43E-01	0.00E+00	1.81E-09	-9.02E-09	-6.42E-04	-2.12E-10	-7.37E-01	0.00E+00	1.43E-01	-1.37E-05	1.43E-01	-8.77E-01	-7.37E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
WH37687700D	-4.66E-03	-9.47E-02	4.59E-04	-7.47E-02	0.00E+00	0.00E+00	-9.44E-01	-7.74E-04	-1.17E-05	-1.76E-03	0.00E+00	0.00E+00	-5.94E-10	-8.95E-08	1.65E-03	-5.76E+00	0.00E+00	0.00E+00	-4.83E-01	0.00E+00	1.59E-01	0.00E+00	1.65E-09	-9.57E-09	-6.62E-04	-2.12E-10	-8.38E-01	0.00E+00	1.59E-01	-1.44E-05	1.59E-01	-6.50E-01	-8.38E-01	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
WH37687800D	-4.66E-03	-9.47E-02	4.59E-04	-7.47E-02	0.00E+00	0.00E+00	-9.44E-01	-7.74E-04	-1.17E-05	-1.76E-03	0.00E+00	0.00E+00	-5.94E-10	-8.95E-08	1.65E-03	-5.76E+00	0.00E+00	0.00E+00	-4.83E-01	0.00E+00	1.59E-01	0.00E+00	1.65E-09	-9.57E-09	-6.62E-04	-2.12E-10	-8.38E-01	0.00E+00	1.59E-01	-1.44E-05	1.59E-01	-6.50E-01	-8.38E-01	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
WH37693300D	-7.31E-03	-4.47E-02	-4.24E-05	-2.28E-02	0.00E+00	0.00E+00	-9.65E-01	-5.91E-04	-8.69E-05	-1.79E-03	0.00E+00	0.00E+00	-7.48E-10	-5.94E-08	3.76E-04	-3.32E+00	0.00E+00	0.00E+00	-8.27E-01	0.00E+00	-1.72E-01	0.00E+00	1.89E-09	-1.08E-08	-7.23E-04	-2.12E-10	-4.31E-01	0.00E+00	-1.72E-01	-1.29E-05	-1.72E-01	-4.38E-01	-4.31E-01	0.00E+00	0.00E+00	0.00E+00	-3.79E+01
WH37693400D	-7.37E-03	-4.44E-02	6.44E-05	-2.06E-02	0.00E+00	0.00E+00	-9.65E-01	-5.91E-04	-9.29E-05	-1.79E-03	0.00E+00	0.00E+00	-7.56E-10	-5.97E-08	4.05E-04	-3.32E+00	0.00E+00	0.00E+00	-8.27E-01	0.00E+00	-3.58E-02	0.00E+00	1.80E-09	-1.08E-08	-7.11E-04	-2.12E-10	-4.31E-01	0.00E+00	-3.58E-02	-1.29E-05	-3.58E-02	-3.24E-01	-4.31E-01	0.00E+00	0.00E+00	0.00E+00	-3.81E+01
WH37732100D	-6.58E-03	-6.09E-02	3.07E-04	1.26E-03	0.00E+00	0.00E+00	-1.17E+00	-6.71E-04	8.63E-05	-1.47E-03	0.00E+00	0.00E+00	-4.07E-10	-7.06E-08	6.50E-04	-3.00E+00	0.00E+00	0.00E+00	-7.80E-01	0.00E+00	1.61E-02	0.00E+00	1.62E-09	-1.12E-08	-6.62E-04	-2.12E-10	-3.87E-01	0.00E+00	1.61E-02	-1.30E-05	1.61E-02	-2.66E-01	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	-3.73E+01
WH37732200D	-6.58E-03	-6.09E-02	3.07E-04	1.26E-03	0.00E+00	0.00E+00	-1.17E+00	-6.71E-04	8.63E-05	-1.47E-03	0.00E+00	0.00E+00	-4.07E-10	-7.06E-08	6.50E-04	-3.00E+00	0.00E+00	0.00E+00	-7.80E-01	0.00E+00	1.61E-02	0.00E+00	1.62E-09	-1.12E-08	-6.62E-04	-2.12E-10	-3.87E-01	0.00E+00	1.61E-02	-1.30E-05	1.61E-02	-2.66E-01	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	-3.73E+01
WH37732300D	-6.58E-03	-6.09E-02	3.07E-04	1.26E-03	0.00E+00	0.00E+00	-1.17E+00	-6.71E-04	8.63E-05	-1.47E-03	0.00E+00	0.00E+00	-4.07E-10	-7.06E-08	6.50E-04	-3.00E+00	0.00E+00	0.00E+00	-7.80E-01	0.00E+00	1.61E-02	0.00E+00	1.62E-09	-1.12E-08	-6.62E-04	-2.12E-10	-3.87E-01	0.00E+00	1.61E-02	-1.30E-05	1.61E-02	-2.66E-01	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	-3.73E+01
WH37733100D	-6.58E-03	-6.09E-02	4.24E-04	2.71E-03	0.00E+00	0.00E+00	-1.17E+00	-6.71E-04	8.74E-05	-1.47E-03	0.00E+00	0.00E+00	-4.07E-10	-7.06E-08	8.42E-04	-3.00E+00	0.00E+00	0.00E+00	-7.80E-01	0.00E+00	1.50E-01	0.00E+00	1.52E-09	-1.12E-08	-6.62E-04	-2.12E-10	-3.87E-01	0.00E+00	1.50E-01	-1.29E-05	1.50E-01	-1.59E-01	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	-3.67E+01
WH37733200D	-6.66E-03	-6.14E-02	4.45E-04	2.26E-03	0.00E+00	0.00E+00	-1.15E+00	-6.71E-04	9.70E-05	-1.45E-03	0.00E+00	0.00E+00	-4.05E-10	-7.07E-08	8.16E-04	-3.00E+00	0.00E+00	0.00E+00	-7.61E-01	0.00E+00	1.50E-01	0.00E+00	1.58E-09	-1.12E-08	-6.50E-04	-2.12E-10	-3.86E-01	0.00E+00	1.50E-01	-1.27E-05	1.50E-01	-1.59E-01	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-3.71E+01
WH37733300D	-6.66E-03	-6.14E-02	4.45E-04	2.26E-03	0.00E+00	0.00E+00	-1.15E+00	-6.71E-04	9.70E-05	-1.45E-03	0.00E+00	0.00E+00	-4.05E-10	-7.07E-08	8.16E-04	-3.00E+00	0.00E+00	0.00E+00	-7.61E-01	0.00E+00	1.50E-01	0.00E+00	1.58E-09	-1.12E-08	-6.50E-04	-2.12E-10	-3.86E-01	0.00E+00	1.50E-01	-1.27E-05	1.50E-01	-1.59E-01	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-3.71E+01
WH37893400D	-5.38E-03	-8.50E-02	-1.08E-04	-8.63E-02	0.00E+00	0.00E+00	-1.13E+00	-7.65E-04	-8.74E-05	-2.06E-03	0.00E+00	0.00E+00	-7.09E-10	-9.45E-08	1.30E-03	-5.87E+00	0.00E+00	0.00E+00	-6.29E-01	0.00E+00	-1.17E-01	0.00E+00	9.18E-11	-1.04E-08	-7.49E-04	-2.12E-10	-8.47E-01	0.00E+00	-1.17E-01	-1.80E-05	-1.17E-01	-1.13E+00	-8.47E-01	0.00E+00	0.00E+00	0.00E+00	-4.14E+01
WH385703E	-4.08E-03	-2.05E-01	1.08E-04	-9.58E-02	0.00E+00	0.00E+00	-8.47E-01	-6.17E-04	-4.40E-05	-1.83E-03	0.00E+00	0.00E+00	-6.92E-10	-6.59E-08	1.92E-03	-4.78E+00	0.00E+00	0.00E+00	-4.35E-01	0.00E+00	1.09E-01	0.00E+00	-9.22E-10	-1.22E-08	-7.75E-04	-2.12E-10	-7.60E-01	0.00E+00	1.09E-01	-1.33E-05	1.09E-01	-9.59E-01	-7.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WH38585300D	-3.39E-03	-6.87E-02	-3.46E-04	-5.87E-02	0.00E+00	0.00E+00	-7.21E-01	-4.25E-04	-3.17E-05	-1.24E-03	0.00E+00	0.00E+00	-5.57E-10	-4.70E-08	-6.27E-04	-1.27E+00	0.00E+00	0.00E+00	-4.88E-01	0.00E+00	-6.10E-01	0.00E+00	1.10E-10	-6.73E-09	-5.36E-04	-2.12E-10	-1.95E-01	0.00E+00	-6.10E-01	-1.07E-05	-6.10E-01	-8.98E-01	-1.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
WH38585305D	-2.62E-03	-4.14E-03	-1.99E-04	-3.94E-03	0.00E+00	0.00E+00	-6.10E-01	-2.73E-04	-1.01E-04	-1.32E-03	0.00E+00	0.00E+00	-3.43E-10	-3.18E-08	4.86E-04	-5.21E-01	0.00E+00	0.00E+00	-4.36E-01	0.00E+00	1.10E-01	0.00E+00	1.50E-09	-4.02E-09	-3.72E-04	0.00E+00	-8.40E-02	0.00E+00	1.10E-01	-7.71E-06	1.10E-01	2.59E-02	-8.40E-02	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
WH38585306D	-3.38E-03	-6.74E-02	-2.76E-04	-5.83E-02	0.00E+00	0.00E+00	-7.20E-01	-4.20E-04	-1.58E-05	-1.19E-03	0.00E+00	0.00E+00	-5.54E-10	-4.63E-08	-1.52E-03	-1.31E+00	0.00E+00	0.00E+00	-4.75E-01	0.00E+00	-6.10E-01	0.00E+00	7.00E-11	-6.70E-09	-5.25E-04	-2.12E-10	-1.98E-01	0.00E+00	-6.10E-01	-1.08E-05	-6.10E-01	-9.01E-01	-1.98E-01	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
WH38750400Z	-4.62E-03	-7.16E-02	-5.09E-04	-8.20E-02	0.00E+00	0.00E+00	-9.81E-01	-6.09E-04	-8.11E-05	-1.83E-03	0.00E+00	0.00E+00	-6.90E-10	-6.61E-08	2.14E-04	-3.94E+00	0.00E+00	0.00E+00	-6.46E-01	0.00E+00	-1.58E-01	0.00E+00	-7.00E-10	-1.08E-08	-7.78E-04	-2.12E-10	-6.48E-01	0.00E+00	-1.58E-01	-1.44E-05	-1.58E-01	-1.17E+00	-6.48E-01	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
WH39620300D	-2.34E-05	-3.62E-02	1.32E-04	-3.63E-02	0.00E+00	0.00E+00	-8.34E-03	-1.32E-05	9.20E-05	-1.88E-04	0.00E+00	0.00E+00	-8.57E-11	-3.85E-10	-1.13E-04	-2.06E+00	0.00E+00	0.00E+00	-3.71E-02	0.00E+00	-9.31E-02	0.00E+00	-3.82E-10	-1.71E-09	-6.08E-05	0.00E+00	-3.01E-01	0.00E+00	-9.31E-02	-5.23E-07	-9.31E-02	-3.94E-01	-3.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+00
WH39620305D	-3.76E-03	-7.49E-02	-3.09E-04	-6.68E-02	0.00E+00	0.00E+00	-9.98E-01	-6.34E-04	-2.14E-05	-1.85E-03	0.00E+00	0.00E+00	-6.92E-10	-6.98E-08	1.11E-03	-3.69E+00	0.00E+00	0.00E+00	-4.33E-01	0.00E+00	-5.97E-02	0.00E+00	1.15E-10	-1.11E-08	-8.38E-04	-2.12E-10	-6.34E-01	0.00E+00	-5.97E-02	-1.40E-05	-5.97E-02	-9.86E-01	-6.34E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
WH39620400D	2.61E-04	3.07E-02	7.48E-04	3.00E-02	0.00E+00	0.00E+00	1.04E-01	-2.38E-06	1.40E-04	2.98E-04	0.00E+00	0.00E+00	-5.39E-11	1.16E-09	1.36E-03	-1.04E-01	0.00E+00	0.00E+00	1.05E-01	0.00E+00	3.42E-01	0.00E+00	3.13E-09	1.06E-09	7.52E-05	0.00E+00	-4.60E-05	0.00E+00	3.42E-01	2.76E-08	3.42E-01	3.42E-01	-4.60E-05	0.00E+00	0.00E+00	0.00E+00	3.59E+00
WHDY11580100C	2.20E-04	1.36E-02	6.06E-04	1.30E-02	0.00E+00	0.00E+00	5.77E-02	-6.88E-06	1.92E-04	9.11E-05	0.00E+00	0.00E+00	-1.73E-10	1.42E-09	6.17E-04	2.08E-02	0.00E+00	0.00E+00	-1.16E-02	0.00E+00	1.73E-02	0.00E+00	1.09E-09	-6.45E-10	-1.52E-05	0.00E+00	7.53E-03	0.00E+00	1.73E-02	-3.39E-07	1.73E-02	2.48E-02	7.53E-03	0.00E+00	0.00E+00	0.00E+00	-1.11E+00
WHDY11592200C	-2.60E-03	-4.73E-02	-2.94E-05	-3.60E-02	0.00E+00	0.00E+00	-4.79E-01	-1.95E-04	4.33E-05	-1.13E-03	0.00E+00	0.00E+00	-5.28E-10	-1.99E-08	-5.14E-04	-3.65E-01	0.00E+00	0.00E+00	-3.65E-01	0.00E+00	-4.75E-01	0.00E+00	-2.22E-09	-6.25E-09	-2.73E-04	-2.12E-10	-8.33E-02	0.00E+00	-4.75E-01	-7.75E-06	-4.75E-01	-5.31E-01	-8.33E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
WHDY11640100C	1.08E-03	9.67E-02	3.08E-03	9.36E-02	0.00E+00	0.00E+00	5.61E-01	9.82E-07	6.91E-04	8.90E-04	0.00E+00	0.00E+00	1.04E-10	7.32E-09	3.26E-03	-6.43E-03	0.00E+00	0.00E+00	4.88E-01	0.00E+00	7.66E-01	0.00E+00	6.34E-09	3.49E-09	2.66E-04	0.00E+00	5.70E-02	0.00E+00	7.66E-01	1.04E-07	7.66E-01	8.23E-01	5.70E-02	0.00E+00	0.00E+00	0.00E+00	1.79E+01
WHDY14580100Q	-3.01E-03	-4.53E-02	-8.26E-04	-4.45E-02	0.00E+00	0.00E+00	-7.76E-01	-2.97E-04	-1.46E-04	-1.85E-03	0.00E+00	0.00E+00	-5.55E-10	-3.45E-08	-8.60E-04	-5.73E-01	0.00E+00	0.00E+00	-6.87E-01	0.00E+00	-4.37E-01	0.00E+00	-2.04E-09	-7.26E-09	-5.69E-04	0.00E+00	-1.14E-01	0.00E+00	-4.37E-01	-8.84E-06	-4.37E-01	-5.50E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
WHDY14585400Q	-3.85E-03	-2.05E-01	3.77E-05	-1.29E-01	0.00E+00	0.00E+00	-1.01E+00	-6.41E-04	-1.21E-05	-1.90E-03	0.00E+00	0.00E+00	-1.08E-09	-6.53E-08	2.40E-04	-3.67E+00	0.00E+00	0.00E+00	-4.98E-01	0.00E+00	-2.88E-01	0.00E+00	-2.10E-09	-1.39E-08	-9.74E-04	-2.12E-10	-6.26E-01	0.00E+00	-2.88E-01	-1.49E-05	-2.88E-01	-1.39E+00	-6.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
WHDY14592200Q	-3.88E-03	-2.03E-01	2.23E-05	-1.29E-01	0.00E+00	0.00E+00	-1.01E+00	-6.41E-04	-1.05E-05	-1.86E-03	0.00E+00	0.00E+00	-1.08E-09	-6.50E-08	2.61E-04	-3.79E+00	0.00E+00	0.00E+00	-4.93E-01	0.00E+00	-2.95E-01	0.00E+00	-2.10E-09	-1.39E-08	-9.63E-04	-2.12E-10	-6.46E-01	0.00E+00	-2.95E-01	-1.52E-05	-2.95E-01	-1.41E+00	-6.46E-01	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
WHDY14595200Q	-3.88E-03	-2.03E-01	2.23E-05	-1.29E-01	0.00E+00	0.00E+00	-1.01E+00	-6.41E-04	-1.05E-05	-1.86E-03	0.00E+00	0.00E+00	-1.08E-09	-6.50E-08	2.61E-04	-3.79E+00	0.00E+00	0.00E+00	-4.93E-01	0.00E+00	-2.95E-01	0.00E+00	-2.10E-09	-1.39E-08	-9.63E-04	-2.12E-10	-6.46E-01	0.00E+00	-2.95E-01	-1.52E-05	-2.95E-01	-1.41E+00	-6.46E-01	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
WHDY14640500Q	9.19E-04	5.17E-02	2.23E-03	4.95E-02	0.00E+00	0.00E+00	3.04E-01	-8.14E-06	6.93E-04	4.62E-04	0.00E+00	0.00E+00	-1.68E-10	6.47E-09	1.85E-03	-2.73E-01	0.00E+00	0.00E+00	2.02E-01	0.00E+00	2.74E-01	0.00E+00	3.50E-09	4.72E-10	9.44E-05	0.00E+00	-9.97E-03	0.00E+00	2.74E-01	-4.30E-07	2.74E-01	2.64E-01	-9.97E-03	0.00E+00	0.00E+00	0.00E+00	6.74E+00
WHDY23580100Q	-2.64E-03	-3.40E-03	7.79E-05	-3.48E-03	0.00E+00	0.00E+00	-4.97E-01	-2.72E-04	-9.44E-05	-1.37E-03	0.00E+00	0.00E+00	-3.08E-10	-3.14E-08	5.05E-04	-2.63E-01	0.00E+00	0.00E+00	-3.94E-01	0.00E+00	2.42E-02	0.00E+00	7.11E-10	-4.24E-09	-3.89E-04	0.00E+00	-4.11E-02	0.00E+00	2.42E-02	-7.79E-06	2.42E-02	-1.69E-02	-4.11E-02	0.00E+00	0.00E+00	0.00E+00	-1.78E+01
WHDY23595200Q	-3.79E-03	-2.01E-01	1.19E-05	-1.27E-01	0.00E+00	0.00E+00	-9.96E-01	-6.38E-04	-1.44E-05	-1.79E-03	0.00E+00	0.00E+00	-1.08E-09	-6.41E-08	3.29E-04	-3.77E+00	0.00E+00	0.00E+00	-4.88E-01	0.00E+00	-2.39E-01	0.00E+00	-1.98E-09	-1.38E-08	-9.57E-04	-2.12E-10	-6.45E-01	0.00E+00	-2.39E-01	-1.51E-05	-2.39E-01	-1.41E+00	-6.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.88E+01
WHDY23620100Q	-6.67E-03	1.76E-02	-4.34E-04	1.80E-02	0.00E+00	0.00E+00	-1.47E+00	-6.84E-04	-2.47E-04	-3.29E-03	0.00E+00	0.00E+00	-8.06E-10	-7.93E-08	2.29E-04	-5.27E-01	0.00E+00	0.00E+00	-1.15E+00	0.00E+00	-1.68E-01	0.00E+00	3.80E-10	-1.12E-08	-9.58E-04	0.00E+00	-1.04E-01	0.00E+00	-1.68E-01	-1.96E-05	-1.68E-01	-2.71E-01	-1.04E-01	0.00E+00	0.00E+00	0.00E+00	-5.04E+01
WHDY23640100Q	7.32E-04	4.92E-02	2.02E-03	4.71E-02	0.00E+00	0.00E+00	2.43E-01	-1.96E-05	6.39E-04	3.68E-04	0.00E+00	0.00E+00	-2.13E-10	4.63E-09	1.65E-03	-2.51E-01	0.00E+00	0.00E+00	1.36E-01	0.00E+00	1.99E-01	0.00E+00	3.07E-09	-1.20E-10	5.70E-05	0.00E+00	-1.18E-02	0.00E+00	1.99E-01	-8.68E-07	1.99E-01	1.87E-01	-1.18E-02	0.00E+00	0.00E+00	0.00E+00	4.06E+00
WJA100B	-1.22E-03	-6.13E-02	1.86E-04	-6.15E-02	0.00E+00	0.00E+00	-2.77E-01	-1.44E-04	1.35E-04	-9.21E-04	0.00E+00	0.00E+00	-2.03E-10	-1.48E-08	-2.00E-04	-3.80E+00	0.00E+00	0.00E+00	-2.22E-01	0.00E+00	-1.33E-01	0.00E+00	-5.79E-10	-4.40E-09	-2.51E-04	0.00E+00	-5.56E-01	0.00E+00	-1.33E-01	-5.23E-06	-1.33E-01	-6.89E-01	-5.56E-01	0.00E+00	0.00E+00	0.00E+00	-9.73E+00
WJA102B	-2.90E-03	-6.07E-02	-3.76E-04	-5.95E-02	0.00E+00	0.00E+00	-6.11E-01	-3.53E-04	-1.92E-05	-1.19E-03	0.00E+00	0.00E+00	-5.24E-10	-3.54E-08	-1.60E-03	-2.17E+00	0.00E+00	0.00E+00	-3.55E-01	0.00E+00	-2.33E-01	0.00E+00	-3.93E-11	-7.09E-09	-4.48E-04	-2.12E-10	-2.93E-01	0.00E+00	-2.33E-01	-7.44E-06	-2.33E-01	-8.38E-01	-2.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.87E+01
WJA122B	-3.57E-03	-5.42E-02	-1.83E-04	-6.54E-02	0.00E+00	0.00E+00	-7.25E-01	-4.28E-04	-4.36E-05	-1.54E-03	0.00E+00	0.00E+00	-5.49E-10	-4.39E-08	-1.01E-02	-4.23E+00	0.00E+00	0.00E+00	-4.65E-01	0.00E+00	3.94E-02	0.00E+00	1.26E-10	-8.40E-09	-5.49E-04	-2.12E-10	-6.24E-01	0.00E+00	3.94E-02	-1.04E-05	3.94E-02	-9.49E-01	-6.24E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
WJA160B	-3.16E-03	-5.08E-02	-1.38E-04	-3.08E-02	0.00E+00	0.00E+00	-5.59E-01	-4.54E-04	-1.06E-06	-1.47E-03	0.00E+00	0.00E+00	-5.42E-10	-4.81E-08	7.14E-05	-2.39E+00	0.00E+00	0.00E+00	-4.81E-01	0.00E+00	-9.94E-02	0.00E+00	2.84E-10	-7.50E-09	-4.18E-04	-2.12E-10	-3.92E-01	0.00E+00	-9.94E-02	-9.25E-06	-9.94E-02	-1.87E-01	-3.92E-01	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
WJC100B	-9.57E-04	3.29E-02	1.00E-03	3.19E-02	0.00E+00	0.00E+00	-1.41E-01	-1.44E-04	1.84E-04	-3.48E-04	0.00E+00	0.00E+00	-1.75E-10	-1.45E-08	2.02E-03	-1.65E-02	0.00E+00	0.00E+00	-2.61E-02	0.00E+00	5.64E-01	0.00E+00	4.92E-09	-5.92E-11	-8.16E-05	0.00E+00	1.83E-02	0.00E+00	5.64E-01	-4.93E-06	5.64E-01	5.82E-01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	-2.64E+00
WJC102B	-6.03E-03	-5.53E-02	-3.58E-04	-9.97E-02	0.00E+00	0.00E+00	-1.18E+00	-7.04E-04	-4.98E-05	-1.56E-03	0.00E+00	0.00E+00	-6.21E-10	-8.17E-08	2.39E-04	-3.04E+00	0.00E+00	0.00E+00	-5.11E-01	0.00E+00	1.85E-01	0.00E+00	-1.17E-09	-8.56E-09	-6.18E-04	-2.12E-10	-4.69E-01	0.00E+00	1.85E-01	-2.19E-05	1.85E-01	-9.25E-01	-4.69E-01	0.00E+00	0.00E+00	0.00E+00	-3.61E+01
WJC122B	-3.25E-03	-2.81E-02	-2.57E-04	-3.36E-02	0.00E+00	0.00E+00	-1.33E+00	-4.12E-04	-2.75E-04	-8.05E-03	0.00E+00	0.00E+00	-1.88E-09	-4.77E-08	-1.26E-02	-4.01E+00	0.00E+00	0.00E+00	-2.66E+00	0.00E+00	6.97E-02	0.00E+00	1.14E-09	-2.61E-08	-2.41E-03	-2.12E-10	-7.42E-01	0.00E+00	6.97E-02	-1.95E-05	6.97E-02	-4.87E-01	-7.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
WJC132B	-3.32E-03	-2.85E-02	-2.95E-04	-3.19E-02	0.00E+00	0.00E+00	-1.33E+00	-3.93E-04	-2.76E-04	-8.06E-03	0.00E+00	0.00E+00	-1.88E-09	-4.74E-08	-1.04E-03	-4.04E+00	0.00E+00	0.00E+00	-2.67E+00	0.00E+00	7.14E-02	0.00E+00	1.01E-09	-2.61E-08	-2.41E-03	-2.12E-10	-7.42E-01	0.00E+00	7.14E-02	-1.96E-05	7.14E-02	-4.19E-01	-7.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
WJC142B	-3.42E-03	-2.79E-02	-3.60E-04	-2.79E-02	0.00E+00	0.00E+00	-1.30E+00	-3.92E-04	-2.92E-04	-8.08E-03	0.00E+00	0.00E+00	-1.89E-09	-4.61E-08	7.18E-04	-3.92E+00	0.00E+00	0.00E+00	-2.67E+00	0.00E+00	3.80E-02	0.00E+00	7.69E-10	-2.62E-08	-2.41E-03	-2.12E-10	-7.32E-01	0.00E+00	3.80E-02	-1.96E-05	3.80E-02	-4.23E-01	-7.32E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
WJC157B	-2.40E-03	-2.02E-02	5.38E-05	-1.83E-02	0.00E+00	0.00E+00	-5.57E-01	-3.64E-04	7.66E-06	-1.09E-03	0.00E+00	0.00E+00	-2.43E-10	-3.29E-08	2.75E-04	-2.20E+00	0.00E+00	0.00E+00	-4.81E-01	0.00E+00	-5.44E-03	0.00E+00	1.00E-09	-5.41E-09	-2.38E-04	-2.12E-10	-3.54E-01	0.00E+00	-5.44E-03	-5.31E-06	-5.44E-03	-2.54E-01	-3.54E-01	0.00E+00	0.00E+00	0.00E+00	-2.29E+01
WJC160B	-7.83E-03	-1.13E-01	-3.49E-04	-1.11E-01	0.00E+00	0.00E+00	-2.04E+00	-6.79E-04	-2.78E-04	-7.56E-03	0.00E+00	0.00E+00	-1.90E-09	-9.38E-08	3.44E-04	-2.46E+00	0.00E+00	0.00E+00	-2.53E+00	0.00E+00	2.04E-01	0.00E+00	-2.42E-09	-2.80E-08	-2.07E-03	-2.12E-10	-3.97E-01	0.00E+00	2.04E-01	-2.73E-05	2.04E-01	-7.93E-01	-3.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
WJC162B	-3.26E-03	-3.66E-02	-1.74E-04	-6.94E-02	0.00E+00	0.00E+00	-1.51E+00	-3.91E-04	-2.81E-04	-8.21E-03	0.00E+00	0.00E+00	-1.87E-09	-4.52E-08	-1.16E-02	-5.61E+00	0.00E+00	0.00E+00	-2.63E+00	0.00E+00	-4.27E-01	0.00E+00	-6.52E-10	-2.59E-08	-2.45E-03	-2.12E-10	-1.03E+00	0.00E+00	-4.27E-01	-1.77E-05	-4.27E-01	-9.90E-01	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
WMS51	-3.50E-03	-5.87E-02	-1.04E-03	-5.77E-02	0.00E+00	0.00E+00	-6.23E-01	-2.09E-04	-1.30E-04	-1.65E-03	0.00E+00	0.00E+00	-5.87E-10	-2.44E-08	-1.29E-03	-3.98E-01	0.00E+00	0.00E+00	-6.40E-01	0.00E+00	-6.04E-01	0.00E+00	-2.88E-09	-7.29E-09	-5.36E-04	0.00E+00	-8.87E-02	0.00E+00	-6.04E-01	-1.02E-05	-6.04E-01	-6.93E-01	-8.87E-02	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
WMS81	-3.58E-03	-5.85E-02	-9.93E-04	-5.75E-02	0.00E+00	0.00E+00	-6.38E-01	-2.18E-04	-1.31E-04	-1.65E-03	0.00E+00	0.00E+00	-5.98E-10	-2.55E-08	-1.19E-03	-3.91E-01	0.00E+00	0.00E+00	-6.49E-01	0.00E+00	-5.92E-01	0.00E+00	-2.81E-09	-7.31E-09	-5.39E-04	0.00E+00	-8.92E-02	0.00E+00	-5.92E-01	-9.28E-06	-5.92E-01	-6.82E-01	-8.92E-02	0.00E+00	0.00E+00	0.00E+00	-2.72E+01
WMS812LN	-5.14E-03	-8.91E-02	-8.97E-04	-7.19E-02	0.00E+00	0.00E+00	-1.12E+00	-4.59E-04	-1.75E-04	-3.07E-03	0.00E+00	-4.27E-08	-7.48E-10	-5.25E-08	-1.75E-03	-3.65E+00	0.00E+00	0.00E+00	-1.27E+00	-1.52E-05	-8.96E-01	0.00E+00	-1.00E-10	-7.85E-09	-7.11E-04	-2.12E-10	-7.24E-01	0.00E+00	-8.96E-01	-1.76E-05	-8.96E-01	-1.13E+00	-7.24E-01	0.00E+00	0.00E+00	0.00E+00	-3.55E+01
WMS82	-4.02E-03	-7.53E-02	-1.01E-03	-6.78E-02	0.00E+00	0.00E+00	-8.47E-01	-3.51E-04	-1.60E-04	-2.86E-03	0.00E+00	0.00E+00	-6.54E-10	-4.06E-08	-2.00E-03	-1.72E+00	0.00E+00	0.00E+00	-1.12E+00	0.00E+00	-5.14E-01	0.00E+00	-1.69E-09	-7.19E-09	-6.87E-04	-2.12E-10	-3.40E-01	0.00E+00	-5.14E-01	-1.57E-05	-5.14E-01	-8.28E-01	-3.40E-01	0.00E+00	0.00E+00	0.00E+00	-3.32E+01
WMSO100	2.84E-05	6.09E-03	2.98E-04	5.79E-03	0.00E+00	0.00E+00	8.87E-02	1.79E-07	5.33E-06	5.85E-05	0.00E+00	0.00E+00	1.47E-11	1.90E-10	4.75E-04	1.59E-02	0.00E+00	0.00E+00	5.96E-02	0.00E+00	9.78E-02	0.00E+00	7.28E-10	3.20E-10	1.65E-05	0.00E+00	1.01E-02	0.00E+00	9.78E-02	2.31E-08	9.78E-02	1.08E-01	1.01E-02	0.00E+00	0.00E+00	0.00E+00	2.11E+00
WMSS115	-4.97E-03	-1.16E-01	-6.34E-04	-4.98E-02	0.00E+00	0.00E+00	-9.82E-01	-4.03E-04	-1.60E-04	-2.47E-03	0.00E+00	0.00E+00	-5.14E-10	-4.61E-08	-1.30E-03	-2.24E+00	0.00E+00	0.00E+00	-1.05E+00	0.00E+00	-3.98E-01	0.00E+00	-2.94E-09	-9.08E-09	-7.18E-04	-2.12E-10	-3.07E-01	0.00E+00	-3.98E-01	-1.33E-05	-3.98E-01	-6.90E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01

WMSS81	-5.61E-03	-6.97E-02	-1.25E-03	-6.85E-02	0.00E+00	0.00E+00	-9.61E-01	-3.50E-04	-1.88E-04	-2.38E-03	0.00E+00	0.00E+00	-7.71E-10	-4.11E-08	-1.41E-03	-5.25E-01	0.00E+00	0.00E+00	-9.02E-01	0.00E+00	-6.99E-01	0.00E+00	-3.37E-09	-9.77E-09	-7.49E-04	0.00E+00	-1.19E-01	0.00E+00	-6.99E-01	-1.29E-05	-6.99E-01	-8.18E-01	-1.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.81E+01
WMSS81G	-3.37E-03	-3.64E-02	-5.24E-04	-4.95E-02	0.00E+00	0.00E+00	-5.80E-01	-2.74E-04	-1.06E-04	-1.79E-03	0.00E+00	0.00E+00	-5.22E-10	-3.21E-08	-1.20E-03	-6.21E-01	0.00E+00	0.00E+00	-9.99E-01	0.00E+00	-6.06E-01	0.00E+00	-7.99E-10	-1.02E-08	-5.34E-04	-2.12E-10	-1.07E-01	0.00E+00	-6.06E-01	-1.14E-05	-6.06E-01	-8.65E-01	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.85E+01
WMSS81N	-3.37E-03	-1.85E-02	-4.35E-04	-5.37E-02	0.00E+00	0.00E+00	-5.89E-01	-2.75E-04	-1.01E-04	-1.79E-03	0.00E+00	0.00E+00	-5.14E-10	-3.22E-08	-1.31E-03	-7.22E-01	0.00E+00	0.00E+00	-9.91E-01	0.00E+00	-5.98E-01	0.00E+00	1.28E-09	-1.01E-08	-5.39E-04	-2.12E-10	-1.25E-01	0.00E+00	-5.98E-01	-1.12E-05	-5.98E-01	-9.08E-01	-1.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.88E+01
WMSS81R	-3.37E-03	-3.55E-02	-5.25E-04	-4.98E-02	0.00E+00	0.00E+00	-5.82E-01	-2.74E-04	-1.08E-04	-1.78E-03	0.00E+00	0.00E+00	-5.23E-10	-3.20E-08	-1.18E-03	-6.42E-01	0.00E+00	0.00E+00	-1.00E+00	0.00E+00	-6.12E-01	0.00E+00	-3.55E-10	-1.01E-08	-5.33E-04	-2.12E-10	-1.18E-01	0.00E+00	-6.12E-01	-1.13E-05	-6.12E-01	-8.65E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.88E+01
WMSS81RR	-3.37E-03	-3.80E-02	-5.42E-04	-5.17E-02	0.00E+00	0.00E+00	-5.82E-01	-2.71E-04	-1.10E-04	-1.81E-03	0.00E+00	0.00E+00	-5.27E-10	-3.16E-08	-1.17E-03	-6.27E-01	0.00E+00	0.00E+00	-1.00E+00	0.00E+00	-6.12E-01	0.00E+00	-4.24E-10	-1.01E-08	-5.42E-04	-2.12E-10	-1.12E-01	0.00E+00	-6.12E-01	-1.13E-05	-6.12E-01	-8.65E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.91E+01
WMSS82	-1.20E-02	-1.22E-01	-2.40E-03	-1.19E-01	0.00E+00	0.00E+00	-2.00E+00	-7.55E-04	-3.84E-04	-4.88E-03	0.00E+00	0.00E+00	-1.42E-09	-8.86E-08	-2.65E-03	-1.04E+00	0.00E+00	0.00E+00	-1.78E+00	0.00E+00	-1.23E+00	0.00E+00	-6.05E-09	-1.89E-08	-1.49E-03	0.00E+00	-2.30E-01	0.00E+00	-1.23E+00	-2.76E-05	-1.23E+00	-1.46E+00	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.55E+01
WMSS82N	-6.79E-03	-5.55E-02	-1.66E-03	-6.97E-02	0.00E+00	0.00E+00	-1.24E+00	-4.53E-04	-2.11E-04	-4.16E-03	0.00E+00	0.00E+00	-7.06E-10	-6.29E-08	-2.06E-03	-1.94E+00	0.00E+00	0.00E+00	-1.46E+00	0.00E+00	-1.36E+00	0.00E+00	7.94E-11	-1.12E-08	-1.28E-03	-2.12E-10	-3.48E-01	0.00E+00	-1.36E+00	-1.94E-05	-1.36E+00	-1.53E+00	-3.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.84E+01
WMSS82O	-1.95E-02	-1.53E-01	-3.32E-03	-1.50E-01	0.00E+00	0.00E+00	-3.18E+00	-1.24E-03	-5.93E-04	-7.54E-03	0.00E+00	0.00E+00	-2.00E-09	-1.45E-07	-3.55E-03	-1.46E+00	0.00E+00	0.00E+00	-2.69E+00	0.00E+00	-1.58E+00	0.00E+00	-7.92E-09	-2.76E-08	-2.25E-03	0.00E+00	-3.25E-01	0.00E+00	-1.58E+00	-3.98E-05	-1.58E+00	-1.90E+00	-3.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
WMSS82OG	-1.95E-02	-1.53E-01	-3.32E-03	-1.50E-01	0.00E+00	0.00E+00	-3.18E+00	-1.24E-03	-5.93E-04	-7.54E-03	0.00E+00	0.00E+00	-2.00E-09	-1.45E-07	-3.55E-03	-1.46E+00	0.00E+00	0.00E+00	-2.69E+00	0.00E+00	-1.58E+00	0.00E+00	-7.92E-09	-2.76E-08	-2.25E-03	0.00E+00	-3.25E-01	0.00E+00	-1.58E+00	-3.98E-05	-1.58E+00	-1.90E+00	-3.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
WMSS82ON	-9.71E-03	-6.49E-02	-1.68E-03	-7.32E-02	0.00E+00	0.00E+00	-1.40E+00	-6.23E-04	-2.25E-04	-3.58E-03	0.00E+00	0.00E+00	-6.94E-10	-7.77E-08	-3.13E-03	-1.84E+00	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	-1.35E+00	0.00E+00	-1.02E-10	-1.15E-08	-1.35E-03	-2.12E-10	-3.55E-01	0.00E+00	-1.35E+00	-2.40E-05	-1.35E+00	-1.55E+00	-3.55E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.28E+01
WMSS82OR	-9.98E-03	-7.90E-02	-1.86E-03	-7.10E-02	0.00E+00	0.00E+00	-1.43E+00	-6.19E-04	-2.39E-04	-3.78E-03	0.00E+00	0.00E+00	-7.04E-10	-7.80E-08	-3.20E-03	-1.71E+00	0.00E+00	0.00E+00	-1.45E+00	0.00E+00	-1.33E+00	0.00E+00	-1.45E-09	-1.17E-08	-1.35E-03	-2.12E-10	-3.56E-01	0.00E+00	-1.33E+00	-2.51E-05	-1.33E+00	-1.48E+00	-3.56E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.31E+01
WMSS82ORR	-9.98E-03	-8.18E-02	-1.95E-03	-6.89E-02	0.00E+00	0.00E+00	-1.45E+00	-6.22E-04	-2.38E-04	-3.80E-03	0.00E+00	0.00E+00	-7.02E-10	-7.81E-08	-3.07E-03	-1.70E+00	0.00E+00	0.00E+00	-1.44E+00	0.00E+00	-1.36E+00	0.00E+00	-1.40E-09	-1.18E-08	-1.35E-03	-2.12E-10	-3.64E-01	0.00E+00	-1.36E+00	-2.48E-05	-1.36E+00	-1.53E+00	-3.64E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.26E+01
WMSS82R	-6.81E-03	-5.54E-02	-1.74E-03	-5.78E-02	0.00E+00	0.00E+00	-1.25E+00	-4.37E-04	-2.18E-04	-4.06E-03	0.00E+00	0.00E+00	-6.31E-10	-5.98E-08	-1.83E-03	-1.72E+00	0.00E+00	0.00E+00	-1.46E+00	0.00E+00	-1.33E+00	0.00E+00	-9.84E-10	-1.11E-08	-1.21E-03	-2.12E-10	-3.37E-01	0.00E+00	-1.33E+00	-1.90E-05	-1.33E+00	-1.41E+00	-3.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.87E+01
WMSS82R/CS	-6.80E-03	-7.06E-02	-1.82E-03	-6.65E-02	0.00E+00	0.00E+00	-1.25E+00	-4.57E-04	-2.18E-04	-4.24E-03	0.00E+00	0.00E+00	-7.32E-10	-6.26E-08	-2.01E-03	-1.75E+00	0.00E+00	0.00E+00	-1.50E+00	0.00E+00	-1.37E+00	0.00E+00	-1.32E-09	-1.14E-08	-1.25E-03	-2.12E-10	-3.47E-01	0.00E+00	-1.37E+00	-2.01E-05	-1.37E+00	-1.51E+00	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.83E+01
WMSS82R/UPS	-6.80E-03	-7.03E-02	-1.82E-03	-6.65E-02	0.00E+00	0.00E+00	-1.26E+00	-4.57E-04	-2.18E-04	-4.24E-03	0.00E+00	0.00E+00	-7.32E-10	-6.25E-08	-2.01E-03	-1.75E+00	0.00E+00	0.00E+00	-1.50E+00	0.00E+00	-1.37E+00	0.00E+00	-1.37E-09	-1.13E-08	-1.25E-03	-2.12E-10	-3.47E-01	0.00E+00	-1.37E+00	-2.01E-05	-1.37E+00	-1.51E+00	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.83E+01
WMSS82RR	-6.79E-03	-6.93E-02	-1.84E-03	-6.79E-02	0.00E+00	0.00E+00	-1.26E+00	-4.55E-04	-2.17E-04	-4.27E-03	0.00E+00	0.00E+00	-7.23E-10	-6.23E-08	-1.95E-03	-1.84E+00	0.00E+00	0.00E+00	-1.50E+00	0.00E+00	-1.37E+00	0.00E+00	-1.30E-09	-1.12E-08	-1.27E-03	-2.12E-10	-3.56E-01	0.00E+00	-1.37E+00	-2.00E-05	-1.37E+00	-1.51E+00	-3.56E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.80E+01
WMV100B	-3.28E-03	-5.93E-02	-7.75E-04	-5.86E-02	0.00E+00	0.00E+00	-8.52E-01	-3.33E-04	-5.25E-05	-2.19E-03	0.00E+00	0.00E+00	-7.05E-10	-3.72E-08	-3.71E-02	-4.64E-01	0.00E+00	0.00E+00	-7.84E-01	0.00E+00	-6.40E-01	0.00E+00	-2.35E-09	-8.78E-09	-6.84E-04	0.00E+00	-1.00E-01	0.00E+00	-6.40E-01	-1.12E-05	-6.40E-01	-7.41E-01	-1.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
WMV100N	3.28E-04	-3.57E-03	8.46E-04	-4.41E-03	0.00E+00	0.00E+00	8.25E-02	-1.12E-05	3.23E-04	-5.35E-05	0.00E+00	0.00E+00	-2.83E-10	2.66E-09	5.90E-04	3.35E-02	0.00E+00	0.00E+00	-4.29E-02	0.00E+00	-1.02E-01	0.00E+00	6.91E-10	-1.58E-09	-7.40E-05	0.00E+00	8.70E-03	0.00E+00	-1.02E-01	-6.13E-07	-1.02E-01	-9.35E-02	8.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.61E+00
WNA100	-4.90E-03	-9.10E-02	-2.65E-03	-8.83E-02	0.00E+00	0.00E+00	-1.44E+00	-4.67E-04	-2.46E-04	-3.09E-03	0.00E+00	0.00E+00	-7.80E-10	-5.50E-08	-5.67E-01	-1.10E+00	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-1.91E+00	0.00E+00	-3.74E-09	-1.16E-08	-9.25E-04	0.00E+00	-2.29E-01	0.00E+00	-1.91E+00	-1.61E-05	-1.91E+00	-2.14E+00	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.01E+01
WNA100B	-4.90E-03	-9.13E-02	-2.66E-03	-8.86E-02	0.00E+00	0.00E+00	-1.44E+00	-4.67E-04	-2.46E-04	-3.09E-03	0.00E+00	0.00E+00	-7.80E-10	-5.50E-08	-5.73E-01	-1.10E+00	0.00E+00	0.00E+00	-1.18E+00	0.00E+00	-1.93E+00	0.00E+00	-3.75E-09	-1.16E-08	-9.27E-04	0.00E+00	-2.30E-01	0.00E+00	-1.93E+00	-1.61E-05	-1.93E+00	-2.16E+00	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.01E+01
WNA105	-4.84E-03	-1.24E-01	-1.62E-03	-1.23E-01	0.00E+00	0.00E+00	-1.23E+00	-4.70E-04	-2.36E-04	-2.99E-03	0.00E+00	0.00E+00	-7.76E-10	-5.52E-08	-1.73E-03	-5.55E+00	0.00E+00	0.00E+00	-1.19E+00	0.00E+00	-6.58E-01	0.00E+00	-3.66E-09	-1.26E-08	-8.58E-04	0.00E+00	-8.67E-01	0.00E+00	-6.58E-01	-1.44E-05	-6.58E-01	-1.52E+00	-8.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.07E+01
WNA160	-9.36E-04	-4.21E-02	-6.52E-04	-4.14E-02	0.00E+00	0.00E+00	-3.65E-01	-1.03E-04	1.12E-04	-8.60E-04	0.00E+00	0.00E+00	-1.12E-10	-1.00E-08	-5.58E-01	-7.43E-01	0.00E+00	0.00E+00	-5.14E-02	0.00E+00	-1.34E+00	0.00E+00	-6.08E-10	-3.24E-09	-2.70E-04	0.00E+00	-1.08E-01	0.00E+00	-1.34E+00	-6.10E-06	-1.34E+00	-1.44E+00	-1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.13E+00
WNA160B	-3.81E-03	-3.23E-02	-8.33E-04	-3.15E-02	0.00E+00	0.00E+00	-9.27E-01	-3.75E-04	-1.56E-04	-2.13E-03	0.00E+00	0.00E+00	-6.40E-10	-4.37E-08	6.85E-04	-1.00E+00	0.00E+00	0.00E+00	-9.10E-01	0.00E+00	-1.64E-01	0.00E+00	5.53E-10	-7.75E-09	-6.19E-04	0.00E+00	-1.81E-01	0.00E+00	-1.64E-01	-1.41E-05	-1.64E-01	-3.45E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.02E+01
WNA161	2.49E-04	1.25E-02	1.19E-03	1.13E-02	0.00E+00	0.00E+00	1.13E-01	-1.63E-05	2.53E-04	1.63E-04	0.00E+00	0.00E+00	-9.67E-11	8.96E-10	2.46E-03	-4.39E-01	0.00E+00	0.00E+00	9.75E-02	0.00E+00	3.56E-01	0.00E+00	3.72E-09	2.97E-10	3.22E-05	0.00E+00	-4.45E-02	0.00E+00	3.56E-01	-5.74E-07	3.56E-01	3.12E-01	-4.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
WNA161B	-3.80E-03	-6.25E-02	-1.69E-03	-6.08E-02	0.00E+00	0.00E+00	-1.06E+00	-3.65E-04	-1.77E-04	-2.36E-03	0.00E+00	0.00E+00	-4.42E-10	-4.25E-08	-5.69E-01	-9.91E-01	0.00E+00	0.00E+00	-6.61E-01	0.00E+00	-1.59E+00	0.00E+00	-1.97E-09	-8.30E-09	-6.99E-04	0.00E+00	-1.74E-01	0.00E+00	-1.59E+00	-1.36E-05	-1.59E+00	-1.76E+00	-1.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.81E+01
WNC100	-5.07E-03	-1.48E-01	-4.69E-03	-1.44E-01	0.00E+00	0.00E+00	-1.89E+00	-4.69E-04	-2.84E-04	-3.51E-03	0.00E+00	-1.00E-15	-7.88E-10	-5.52E-08	-1.65E+00	-1.12E+00	0.00E+00	0.00E+00	-1.19E+00	-1.00E-15	-4.45E+00	0.00E+00	-5.28E-09	-1.38E-08	-1.11E-03	0.00E+00	-2.57E-01	0.00E+00	-4.45E+00	-1.61E-05	-4.45E+00	-4.71E+00	-2.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.03E+01
WNC100EC	-5.08E-03	-1.51E-01	-4.77E-03	-1.46E-01	0.00E+00	0.00E+00	-1.91E+00	-4.69E-04	-2.86E-04	-3.53E-03	0.00E+00	-1.00E-15	-7.89E-10	-5.52E-08	-1.69E+00	-1.12E+00	0.00E+00	0.00E+00	-1.19E+00	-1.00E-15	-4.56E+00	0.00E+00	-5.35E-09	-1.38E-08	-1.12E-03	0.00E+00	-2.58E-01	0.00E+00	-4.56E+00	-1.61E-05	-4.56E+00	-4.82E+00	-2.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.03E+01
WNC122	-1.01E-02	-2.91E-01	-9.16E-03	-2.82E-01	0.00E+00	0.00E+00	-3.73E+00	-9.38E-04	-5.64E-04	-6.98E-03	0.00E+00	-1.00E-15	-1.58E-09	-1.10E-07	-3.18E+00	-2.23E+00	0.00E+00	0.00E+00	-2.38E+00	-2.00E-15	-8.64E+00	0.00E+00	-1.04E-08	-2.73E-08	-2.20E-03	0.00E+00	-5.11E-01	0.00E+00	-8.64E+00	-3.22E-05	-8.64E+00	-9.15E+00	-5.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
WNC122B	-1.01E-02	-2.91E-01	-9.18E-03	-2.82E-01	0.00E+00	0.00E+00	-3.73E+00	-9.38E-04	-5.64E-04	-6.98E-03	0.00E+00	-1.00E-15	-1.58E-09	-1.10E-07	-3.19E+00	-2.23E+00	0.00E+00	0.00E+00	-2.38E+00	-2.00E-15	-8.66E+00	0.00E+00	-1.04E-08	-2.73E-08	-2.21E-03	0.00E+00	-5.11E-01	0.00E+00	-8.66E+00	-3.22E-05	-8.66E+00	-9.17E+00	-5.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
WNC123	-1.52E-02	-4.28E-01	-1.34E-02	-4.14E-01	0.00E+00	0.00E+00	-5.53E+00	-1.41E-03	-8.41E-04	-1.04E-02	0.00E+00	-2.00E-15	-2.36E-09	-1.66E-07	-4.61E+00	-3.34E+00	0.00E+00	0.00E+00	-3.57E+00	-3.00E-15	-1.26E+01	0.00E+00	-1.54E-08	-4.06E-08	-3.28E-03	0.00E+00	-7.62E-01	0.00E+00	-1.26E+01	-4.84E-05	-1.26E+01	-1.34E+01	-7.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
WNC123B	-1.52E-02	-4.32E-01	-1.36E-02	-4.19E-01	0.00E+00	0.00E+00	-5.56E+00	-1.41E-03	-8.44E-04	-1.04E-02	0.00E+00	-2.00E-15	-2.36E-09	-1.66E-07	-4.70E+00	-3.34E+00	0.00E+00	0.00E+00	-3.57E+00	-3.00E-15	-1.28E+01	0.00E+00	-1.55E-08	-4.08E-08	-3.29E-03	0.00E+00	-7.64E-01	0.00E+00	-1.28E+01	-4.84E-05	-1.28E+01	-1.36E+01	-7.64E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
WNC160	-4.41E-03	-1.47E-01	-4.70E-03	-1.42E-01	0.00E+00	0.00E+00	-1.74E+00	-3.98E-04	-2.58E-04	-3.19E-03	0.00E+00	-1.00E-15	-6.99E-10	-4.68E-08	-1.69E+00	-1.10E+00	0.00E+00	0.00E+00	-1.06E+00	-1.00E-15	-4.53E+00	0.00E+00	-5.17E-09	-1.27E-08	-1.02E-03	0.00E+00	-2.49E-01	0.00E+00	-4.53E+00	-1.52E-05	-4.53E+00	-4.78E+00	-2.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.46E+01
WNC160B	-4.41E-03	-1.47E-01	-4.72E-03	-1.42E-01	0.00E+00	0.00E+00	-1.74E+00	-3.98E-04	-2.58E-04	-3.19E-03	0.00E+00	-1.00E-15	-6.99E-10	-4.68E-08	-1.70E+00	-1.10E+00	0.00E+00	0.00E+00	-1.06E+00	-1.00E-15	-4.55E+00	0.00E+00	-5.18E-09	-1.27E-08	-1.02E-03	0.00E+00	-2.49E-01	0.00E+00	-4.55E+00	-1.52E-05	-4.55E+00	-4.80E+00	-2.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.46E+01
WNC161	-4.37E-03	-1.54E-01	-4.71E-03	-1.49E-01	0.00E+00	0.00E+00	-1.73E+00	-3.92E-04	-2.61E-04	-3.23E-03	0.00E+00	-1.00E-15	-7.77E-10	-4.60E-08	-1.65E+00	-1.09E+00	0.00E+00	0.00E+00	-1.11E+00	-1.00E-15	-4.52E+00	0.00E+00	-5.51E-09	-1.33E-08	-1.05E-03	0.00E+00	-2.51E-01	0.00E+00	-4.52E+00	-1.51E-05	-4.52E+00	-4.77E+00	-2.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.65E+01
WNC161B	-4.38E-03	-1.57E-01	-4.81E-03	-1.52E-01	0.00E+00	0.00E+00	-1.75E+00	-3.92E-04	-2.63E-04	-3.25E-03	0.00E+00	-1.00E-15	-7.78E-10	-4.60E-08	-1.70E+00	-1.09E+00	0.00E+00	0.00E+00	-1.11E+00	-1.00E-15	-4.65E+00	0.00E+00	-5.59E-09	-1.34E-08	-1.06E-03	0.00E+00	-2.53E-01	0.00E+00	-4.65E+00	-1.51E-05	-4.65E+00	-4.90E+00	-2.53E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.65E+01
WNC162	-8.79E-03	-2.81E-01	-8.97E-03	-2.72E-01	0.00E+00	0.00E+00	-3.38E+00	-7.96E-04	-5.08E-04	-6.29E-03	0.00E+00	-1.00E-15	-1.40E-09	-9.35E-08	-3.16E+00	-2.19E+00	0.00E+00	0.00E+00	-2.12E+00	-2.00E-15	-8.52E+00	0.00E+00	-1.00E-08	-2.49E-08	-2.00E-03	0.00E+00	-4.92E-01	0.00E+00	-8.52E+00	-3.03E-05	-8.52E+00	-9.02E+00	-4.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.92E+01
WNC162B	-8.80E-03	-2.83E-01	-9.04E-03	-2.74E-01	0.00E+00	0.00E+00	-3.40E+00	-7.96E-04	-5.09E-04	-6.30E-03	0.00E+00	-1.00E-15	-1.40E-09	-9.35E-08	-3.19E+00	-2.19E+00	0.00E+00	0.00E+00	-2.12E+00	-2.00E-15	-8.60E+00	0.00E+00	-1.01E-08	-2.50E-08	-2.00E-03	0.00E+00	-4.93E-01	0.00E+00	-8.60E+00	-3.03E-05	-8.60E+00	-9.10E+00	-4.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.92E+01
WNC164	-8.72E-03	-3.00E-01	-9.16E-03	-2.91E-01	0.00E+00	0.00E+00	-3.40E+00	-7.84E-04	-5.18E-04	-6.40E-03	0.00E+00	-1.00E-15	-1.55E-09	-9.20E-08	-3.16E+00	-2.18E+00	0.00E+00	0.00E+00	-2.22E+00	-2.00E-15	-8.71E+00	0.00E+00	-1.08E-08	-2.63E-08	-2.07E-03	0.00E+00	-4.99E-01	0.00E+00	-8.71E+00	-3.03E-05	-8.71E+00	-9.21E+00	-4.99E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.30E+01
WNC165	-1.31E-02	-4.43E-01	-1.35E-02	-4.30E-01	0.00E+00	0.00E+00	-5.06E+00	-1.18E-03	-7.73E-04	-9.55E-03	0.00E+00	-2.00E-15	-2.33E-09	-1.38E-07	-4.62E+00	-3.27E+00	0.00E+00	0.00E+00	-3.32E+00	-3.00E-15	-1.28E+01	0.00E+00	-1.61E-08	-3.92E-08	-3.08E-03	0.00E+00	-7.46E-01	0.00E+00	-1.28E+01	-4.54E-05	-1.28E+01	-1.35E+01	-7.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
WNC166	-1.15E-02	-2.07E-01	-6.31E-03	-2.01E-01	0.00E+00	0.00E+00	-3.46E+00	-1.10E-03	-5.75E-04	-7.24E-03	0.00E+00	-1.00E-15	-1.58E-09	-1.29E-07	-1.67E+00	-2.04E+00	0.00E+00	0.00E+00	-2.42E+00	-1.00E-15	-5.09E+00	0.00E+00	-8.48E-09	-2.62E-08	-2.17E-03	0.00E+00	-4.35E-01	0.00E+00	-5.09E+00	-4.04E-05	-5.09E+00	-5.52E+00	-4.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
WNC166B	-1.15E-02	-2.11E-01	-6.44E-03	-2.04E-01	0.00E+00	0.00E+00	-3.49E+00	-1.10E-03	-5.77E-04	-7.27E-03	0.00E+00	-1.00E-15	-1.58E-09	-1.29E-07	-1.73E+00	-2.04E+00	0.00E+00	0.00E+00	-2.42E+00	-1.00E-15	-5.24E+00	0.00E+00	-8.58E-09	-2.63E-08	-2.18E-03	0.00E+00	-4.37E-01	0.00E+00	-5.24E+00	-4.04E-05	-5.24E+00	-5.68E+00	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
WNC172	-8.78E-03	-2.78E-01	-8.98E-03	-2.69E-01	0.00E+00	0.00E+00	-3.40E+00	-7.96E-04	-5.08E-04	-6.28E-03	0.00E+00	-1.00E-15	-1.37E-09	-9.35E-08	-3.20E+00	-1.93E+00	0.00E+00	0.00E+00	-2.09E+00	-2.00E-15	-8.60E+00	0.00E+00	-9.95E-09	-2.48E-08	-2.00E-03	0.00E+00	-4.52E-01	0.00E+00	-8.60E+00	-3.03E-05	-8.60E+00	-9.06E+00	-4.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.76E+01
WNC172B	-8.78E-03	-2.79E-01	-8.91E-03	-2.71E-01	0.00E+00	0.00E+00	-3.37E+00	-7.96E-04	-5.07E-04	-6.27E-03	0.00E+00	-1.00E-15	-1.40E-09	-9.35E-08	-3.13E+00	-2.19E+00	0.00E+00	0.00E+00	-2.12E+00	-2.00E-15	-8.45E+00	0.00E+00	-9.96E-09	-2.49E-08	-1.99E-03	0.00E+00	-4.92E-01	0.00E+00	-8.45E+00	-3.03E-05	-8.45E+00	-8.94E+00	-4.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.92E+01
WNC174	-8.71E-03	-2.97E-01	-9.06E-03	-2.88E-01	0.00E+00	0.00E+00	-3.38E+00	-7.84E-04	-5.16E-04	-6.38E-03	0.00E+00	-1.00E-15	-1.55E-09	-9.20E-08	-3.11E+00	-2.18E+00	0.00E+00	0.00E+00	-2.22E+00	-2.00E-15	-8.59E+00	0.00E+00	-1.08E-08	-2.62E-08	-2.06E-03	0.00E+00	-4.98E-01	0.00E+00	-8.59E+00	-3.03E-05	-8.59E+00	-9.09E+00	-4.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.30E+01
WNE160B	-4.30E-03	-1.33E-01	-3.07E-03	-1.30E-01	0.00E+00	0.00E+00	-1.38E+00	-3.97E-04	-2.33E-04	-2.93E-03	0.00E+00	0.00E+00	-7.00E-10	-4.67E-08	-7.87E-01	-3.39E+00	0.00E+00	0.00E+00	-1.07E+00	-1.00E-15	-2.45E+00	0.00E+00	-4.34E-09	-1.21E-08	-8.86E-04	0.00E+00	-5.64E-01	0.00E+00	-2.45E+00	-1.52E-05	-2.45E+00	-3.02E+00	-5.64E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.51E+01
WNE161B	-4.26E-03	-1.42E-01	-3.17E-03	-1.39E-01	0.00E+00	0.00E+00	-1.39E+00	-3.91E-04	-2.38E-04	-2.98E-03	0.00E+00	0.00E+00	-7.78E-10	-4.59E-08	-7.87E-01	-3.39E+00	0.00E+00	0.00E+00	-1.12E+00	-1.00E-15	-2.55E+00	0.00E+00	-4.75E-09	-1.28E-08	-9.21E-04	0.00E+00	-5.67E-01	0.00E+00	-2.55E+00	-1.51E-05	-2.55E+00	-3.12E+00	-5.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.70E+01
WPS51BKO	-5.60E-03	-2.57E-01	-1.23E-03	-1.03E-01	0.00E+00	0.00E+00	-1.29E+00	-4.27E-04	-5.44E-05	-2.81E-03	0.00E+00	0.00E+00	-8.09E-10	-4.58E-08	-2.13E-03	-3.85E+00	0.00E+00	0.00E+00	-8.25E-01	0.00E+00	-5.79E-01	0.00E+00	-5.50E-09	-1.43E-08	-9.36E-04	-2.12E-10	-6.26E-01	0.00E+00	-5.79E-01	-1.38E-05	-5.79E-01	-1.48E+00	-6.26E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.84E+01
WPSS81	-3.49E-03	-7.64E-02	-1.12E-03	-5.35E-02	0.00E+00	0.00E+00	-7.09E-01	-5.55E-04	-1.10E-04	-2.15E-03	0.00E+00	0.00E+00	-4.54E-10	-6.15E-08	-8.76E-04	-4.98E+00	0.00E+00	0.00E+00	-1.09E+00	0.00E+00	-7.12E-01	0.00E+00	7.41E-10	-1.19E-08	-5.81E-04	-2.12E-10	-8.65E-01	0.00E+00	-7.12E-01	-1.57E-05	-7.12E-01	-1.26E+00	-8.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.38E+01
WPSS81BKO	-4.73E-03	-1.64E-01	-1.43E-03	-1.02E-01	0.00E+00	0.00E+00	-1.29E+00	-5.37E-04	-8.60E-05	-2.80E-03	0.00E+00	0.00E+00	-7.54E-10	-6.22E-08	-1.54E-03	-4.85E+00	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	-2.50E-01	0.00E+00	-4.05E-09	-1.91E-08	-8.52E-04	-2.12E-10	-7.01E-01	0.00E+00	-2.50E-01	-1.35E-05	-2.50E-01	-2.05E+00	-7.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.99E+01
WPSS81W	-2.95E-03	-6.04E-02	-1.17E-03	-5.23E-02	0.00E+00	0.00E+00	-6.77E-01	-2.74E-04	-1.05E-04	-2.21E-03	0.00E+00	0.00E+00	-4.12E-10	-3.29E-08	-1.08E-03	-3.78E+00	0.00E+00	0.00E+00	-1.08E+00	0.00E+00	-8.27E-01	0.00E+00	-3.28E-10	-1.17E-08	-5.56E-04	-2.12E-10	-8.00E-01	0.00E+00	-8.27E-01	-1.50E-05	-8.27E-01	-1.24E+00	-8.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.33E+01
WPSS82BKO	-3.08E-03	-7.00E-01	-5.92E-03	-6.94E-01	0.00E+00	0.00E+00	-1.98E+00	-2.35E-04	-8.22E-05	-6.90E-03	0.00E+00	0.00E+00	-6.49E-09	-1.71E-08	-8.41E-03	-5.00E+00	0.00E+00	0.00E+00	-4.34E+00	0.00E+00	-6.96E+00	0.00E+00	-2.79E-08	-5.97E-08	-3.39E-03	0.00E+00	-1.04E+00	0.00E+00	-6.96E+00	-1.27E-05	-6.96E+00	-8.00E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E+02
WPSS82NW	-6.40E-03	-8.92E-02	-2.68E-03	-1.16E-01	0.00E+00	0.00E+00	-1.56E+00	-5.02E-04	-2.24E-04	-4.65E-03	0.00E+00	0.00E+00	-6.26E-10	-6.30E-08	-2.23E-03	-4.36E+00	0.00E+00	0.00E+00	-1.33E+00	0.00E+00	-1.59E+00	0.00E+00	-1.38E-09	-1.83E-08	-1.48E-03	-2.12E-10	-7.47E-01	0.00E+00	-1.59E+00	-2.05E-05	-1.59E+00	-1.83E+00	-7.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.27E+01
WPSS82O	-7.93E-03	-6.39E-02	-2.43E-03	-6.23E-02	0.00E+00	0.00E+00	-1.42E+00	-5.76E-04	-2.09E-04	-4.20E-03	0.00E+00	0.00E+00	-5.41E-10	-6.52E-08	-1.91E-03	-3.81E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-1.63E+00	0.00E+00	-2.36E-09	-1.88E-08	-1.46E-03	-2.12E-10	-6.68E-01	0.00E+00	-1.63E+00	-2.31E-05	-1.63E+00	-1.75E+00	-6.68E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.15E+01
WPSS82OW	-8.50E-03	-5.72E-02	-2.00E-03	-8.98E-02	0.00E+00	0.00E+00	-1.42E+00	-5.66E-04	-1.35E-04	-4.13E-03	0.00E+00	0.00E+00	-5.62E-10	-6.80E-08	-1.30E-03	-4.69E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-1.48E+00	0.00E+00	-1.58E-09	-1.77E-08	-1.41E-03	-2.12E-10	-7.63E-01	0.00E+00	-1.48E+00	-2.23E-05	-1.48E+00	-1.52E+00	-7.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.65E+01
WPSS82W	-6.67E-03	-9.12E-02	-3.10E-03	-6.42E-02	0.00E+00	0.00E+00	-1.71E+00	-5.31E-04	-2.50E-04	-5.19E-03	0.00E+00	-4.27E-08	-6.54E-10	-6.33E-08	-2.91E-03	-5.22E+00	0.00E+00	0.00E+00	-1.50E+00	-1.52E-05	-1.81E+00	0.00E+00	-2.44E-09	-1.96E-08	-1.54E-03	-2.12E-10	-9.52E-01	0.00E+00	-1.81E+00	-2.15E-05	-1.81E+00	-2.02E+00	-9.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.15E+01
WRCC50NBSB	-7.95E-03	-2.88E-01	-1.02E-03	-6.45E-02	0.00E+00	0.00E+00	-8.30E-01	-5.06E-04	-1.14E-04	-2.98E-03	0.00E+00	0.00E+00	-8.37E-10	-4.96E-08	-1.05E-03	-2.97E+00	0.00E+00	0.00E+00	-9.20E-01	0.00E+00	-5.17E-01	0.00E+00	-9.31E-09	-1.81E-08	-1.10E-03	-2.12E-10	-4.23E-01	0.00E+00	-5.17E-01	-2.01E-05	-5.17E-01	-5.77E-01	-4.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.61E+01
WRCC50NBSW	-7.72E-03	-2.84E-01	-1.05E-03	-6.35E-02	0.00E+00	0.00E+00	-9.98E-01	-5.06E-04	-6.82E-05	-3.33E-03	0.00E+00	0.00E+00	-8.24E-10	-4.97E-08	-1.26E-03	-2.97E+00	0.00E+00	0.00E+00	-9.14E-01	0.00E+00	-4.05E-01	0.00E+00	-8.01E-09	-1.77E-08	-1.11E-03	-2.12E-10	-4.33E-01	0.00E+00	-4.05E-01	-2.00E-05	-4.05E-01	-5.97E-01	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.55E+01
WRCC50NPSB	-6.12E-03	-4.91E-02	-6.95E-04	-1.72E-02	0.00E+00	0.00E+00	-9.90E-01	-4.83E-04	-1.20E-04	-2.63E-03	0.00E+00	0.00E+00	-5.05E-10	-5.12E-08	-3.19E-04	-3.12E+00	0.00E+00	0.00E+00	-7.87E-01	0.00E+00	-2.62E-01	0.00E+00	-2.86E-09	-1.48E-08	-6.41E-04	-2.12E-10	-3.65E-01	0.00E+00	-2.62E-01	-2.03E-05	-2.62E-01	-3.31E-01	-3.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.08E+01
WRCC50NPSW	-7.83E-03	-2.94E-01	-1.09E-03	-1.18E-01	0.00E+00	0.00E+00	-1.01E+00	-5.06E-04	-7.59E-05	-3.31E-03	0.00E+00	0.00E+00	-8.18E-10	-4.99E-08	-1.27E-03	-3.01E+00	0.00E+00	0.00E+00	-9.24E-01	0.00E+00	-4.13E-01	0.00E+00	-8.80E-09	-1.75E-08	-1.13E-03	-2.12E-10	-4.62E-01	0.00E+00	-4.13E-01	-1.99E-05	-4.13E-01	-7.37E-01	-4.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.58E+01
WRS51BSB	-3.75E-03	-5.60E-02	-1.17E-03	-3.86E-02	0.00E+00	0.00E+00	-6.56E-01	-2.46E-04	-9.05E-05	-2.04E-03	0.00E+00	0.00E+00	-3.30E-10	-2.58E-08	-1.12E-03	-1.55E+00	0.00E+00	0.00E+00	-7.20E-01	0.00E+00	-3.41E-01	0.00E+00	-2.23E-09	-9.76E-09	-5.59E-04	-2.12E-10	-2.79E-01	0.00E+00	-3.41E-01	-1.44E-05	-3.41E-01	-4.23E-01	-2.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.31E+01
WRS51BSW	-3.23E-03	-1.35E-01	-1.55E-03	-6.29E-02	0.00E+00	0.00E+00	-7.98E-01	-3.43E-04	-1.55E-04	-2.35E-03	0.00E+00	0.00E+00	-6.69E-10	-3.83E-08	-1.51E-03	-1.78E+00	0.00E+00	0.00E+00	-7.70E-01	0.00E+00	-8.43E-01	0.00E+00	-4.55E-09	-1.28E-08	-7.16E-04	-2.12E-10	-3.17E-01	0.00E+00	-8.43E-01	-1.53E-05	-8.43E-01	-6.88E-01	-3.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.48E+01
WRS51PSB	-3.64E-03	-3.91E-02	-8.72E-04	-2.25E-02	0.00E+00	0.00E+00	-5.91E-01	-2.19E-04	-6.25E-05	-1.90E-03	0.00E+00	0.00E+00	-3.26E-10	-2.42E-08	-7.45E-04	-1.49E+00	0.00E+00	0.00E+00	-7.18E-01	0.00E+00	-1.44E-01	0.00E+00	-1.94E-09	-9.60E-09	-4.90E-04	-2.12E-10	-2.93E-01	0.00E+00	-1.44E-01	-1.42E-05	-1.44E-01	-3.11E-01	-2.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.24E+01
WRS51PSW	-3.78E-03	-6.56E-02	-1.13E-03	-4.35E-02	0.00E+00	0.00E+00	-6.82E-01	-2.56E-04	-1.01E-04	-2.08E-03	0.00E+00	0.00E+00	-3.42E-10	-2.62E-08	-1.22E-03	-1.50E+00	0.00E+00	0.00E+00	-7.37E-01	0.00E+00	-3.63E-01	0.00E+00	-2.74E-09	-1.00E-08	-5.24E-04	-2.12E-10	-2.79E-01	0.00E+00	-3.63E-01	-1.44E-05	-3.63E-01	-4.10E-01	-2.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.34E+01
WRSO100BSB	6.69E-04	1.34E-01	5.52E-03	1.29E-01	0.00E+00	0.00E+00	1.56E+00	3.37E-06	1.32E-04	1.33E-03	0.00E+00	0.00E+00	2.56E-10	3.49E-09	9.47E-03	3.24E-01	0.00E+00	0.00E+00	1.13E+00	0.00E+00	2.14E+00	0.00E+00	1.62E-08	7.31E-09	3.87E-04	0.00E+00	1.94E-01	0.00E+00	2.14E+00	6.48E-07	2.14E+00	2.33E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E+01
WRSS81BSB	-2.65E-03	-6.41E-02	-1.43E-03	-3.64E-02	0.00E+00	0.00E+00	-6.62E-01	-2.39E-04	-1.06E-04	-2.09E-03	0.00E+00	0.00E+00	-3.15E-10	-2.59E-08	-1.28E-03	-2.05E+00	0.00E+00	0.00E+00	-9.87E-01	0.00E+00	-8.50E-01	0.00E+00	2.51E-10	-1.29E-08	-4.63E-04	-2.12E-10	-3.29E-01	0.00E+00	-8.50E-01	-1.42E-05	-8.50E-01	-1.05E+00	-3.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.55E+01
WRSS81BSW	-2.65E-03	-6.37E-02	-1.42E-03	-3.64E-02	0.00E+00	0.00E+00	-6.62E-01	-2.49E-04	-1.06E-04	-2.09E-03	0.00E+00	0.00E+00	-3.14E-10	-2.61E-08	-1.24E-03	-2.05E+00	0.00E+00	0.00E+00	-9.87E-01	0.00E+00	-8.50E-01	0.00E+00	2.82E-10	-1.29E-08	-4.60E-04	-2.12E-10	-3.26E-01	0.00E+00	-8.50E-01	-1.42E-05	-8.50E-01	-1.04E+00	-3.26E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.56E+01
WRSS81PSB	-2.65E-03	-7.12E-02	-1.44E-03	-4.05E-02	0.00E+00	0.00E+00	-7.25E-01	-2.50E-04	-1.21E-04	-2.11E-03	0.00E+00	0.00E+00	-3.30E-10	-2.62E-08	-1.28E-03	-2.05E+00	0.00E+00	0.00E+00	-1.00E+00	0.00E+00	-8.68E-01	0.00E+00	-1.82E-09	-1.32E-08	-5.01E-04	-2.12E-10	-3.31E-01	0.00E+00	-8.68E-01	-1.42E-05	-8.68E-01	-1.07E+00	-3.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.60E+01
WRSS81PSW	-2.65E-03	-7.09E-02	-1.46E-03	-4.05E-02	0.00E+00	0.00E+00	-7.25E-01	-2.50E-04	-1.19E-04	-2.12E-03	0.00E+00	0.00E+00	-3.30E-10	-2.59E-08	-1.25E-03	-2.05E+00	0.00E+00	0.00E+00	-1.00E+00	0.00E+00	-8.68E-01	0.00E+00	-1.65E-09	-1.31E-08	-4.69E-04	-2.12E-10	-3.26E-01	0.00E+00	-8.68E-01	-1.42E-05	-8.68E-01	-1.07E+00	-3.26E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.60E+01
WRSS82BSB	-1.38E-02	-3.93E-01	-4.88E-03	-3.88E-01	0.00E+00	0.00E+00	-2.71E+00	-8.31E-04	-5.85E-04	-7.28E-03	0.00E+00	0.00E+00	-3.32E-09	-9.64E-08	-6.04E-03	-5.15E+00	0.00E+00	0.00E+00	-3.16E+00	0.00E+00	-3.47E+00	0.00E+00	-1.63E-08	-3.85E-08	-2.58E-03	0.00E+00	-9.32E-01	0.00E+00	-3.47E+00	-3.16E-05	-3.47E+00	-4.40E+00	-9.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.33E+02
WRSS82BSW	-1.38E-02	-3.96E-01	-4.89E-03	-3.91E-01	0.00E+00	0.00E+00	-2.71E+00	-8.31E-04	-5.86E-04	-7.29E-03	0.00E+00	0.00E+00	-3.32E-09	-9.64E-08	-6.07E-03	-5.38E+00	0.00E+00	0.00E+00	-3.16E+00	0.00E+00	-3.48E+00	0.00E+00	-1.63E-08	-3.86E-08	-2.58E-03	0.00E+00	-9.65E-01	0.00E+00	-3.48E+00	-3.16E-05	-3.48E+00	-4.44E+00	-9.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.33E+02
WRSS82PSB	-9.91E-03	-2.98E-01	-3.91E-03	-1.76E-01	0.00E+00	0.00E+00	-1.84E+00	-5.54E-04	-3.63E-04	-5.43E-03	0.00E+00	0.00E+00	-9.00E-10	-7.04E-08	-3.47E-03	-4.19E+00	0.00E+00	0.00E+00	-1.42E+00	0.00E+00	-2.39E+00	0.00E+00	-1.06E-08	-2.68E-08	-2.08E-03	-2.12E-10	-6.60E-01	0.00E+00	-2.39E+00	-2.40E-05	-2.39E+00	-2.55E+00	-6.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
WRSS82PSW	-9.83E-03	-2.88E-01	-3.96E-03	-2.26E-01	0.00E+00	0.00E+00	-1.81E+00	-5.54E-04	-3.60E-04	-5.41E-03	0.00E+00	0.00E+00	-8.72E-10	-7.08E-08	-3.58E-03	-4.16E+00	0.00E+00	0.00E+00	-1.41E+00	0.00E+00	-2.38E+00	0.00E+00	-1.05E-08	-2.66E-08	-2.09E-03	-2.12E-10	-6.78E-01	0.00E+00	-2.38E+00	-2.43E-05	-2.38E+00	-2.71E+00	-6.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
WXF105	-9.89E-03	-7.59E-02	-1.44E-03	-7.44E-02	0.00E+00	0.00E+00	-1.57E+00	-6.32E-04	-2.88E-04	-3.68E-03	0.00E+00	0.00E+00	-8.11E-10	-7.40E-08	-1.55E-03	-2.31E+00	0.00E+00	0.00E+00	-1.24E+00	0.00E+00	-5.89E-01	0.00E+00	-3.22E-09	-1.30E-08	-1.05E-03	0.00E+00	-3.83E-01	0.00E+00	-5.89E-01	-1.93E-05	-5.89E-01	-9.71E-01	-3.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.29E+01
WXF106	5.26E-04	2.78E-02	1.28E-03	2.65E-02	0.00E+00	0.00E+00	2.11E-01	-7.86E-08	3.27E-04	3.13E-04	0.00E+00	0.00E+00	1.19E-11	3.43E-09	1.64E-03	3.40E-02	0.00E+00	0.00E+00	2.09E-01	0.00E+00	4.49E-01	0.00E+00	3.67E-09	1.86E-09	1.10E-04	0.00E+00	2.98E-02	0.00E+00	4.49E-01	1.01E-07	4.49E-01	4.79E-01	2.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E+00
WXF122	-1.56E-02	-2.18E-01	-3.52E-03	-2.15E-01	0.00E+00	0.00E+00	-2.70E+00	-9.75E-04	-5.32E-04	-6.71E-03	0.00E+00	0.00E+00	-2.25E-09	-1.14E-07	-4.03E-03	-2.44E+00	0.00E+00	0.00E+00	-2.58E+00	0.00E+00	-2.07E+00	0.00E+00	-9.96E-09	-2.85E-08	-2.14E-03	0.00E+00	-4.80E-01	0.00E+00	-2.07E+00	-3.40E-05	-2.07E+00	-2.55E+00	-4.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
WXF123	-2.25E-02	-2.11E-01	-4.02E-03	-2.07E-01	0.00E+00	0.00E+00	-3.67E+00	-1.42E-03	-6.93E-04	-8.81E-03	0.00E+00	0.00E+00	-2.29E-09	-1.67E-07	-4.42E-03	-3.99E+00	0.00E+00	0.00E+00	-3.11E+00	0.00E+00	-1.88E+00	0.00E+00	-9.66E-09	-3.30E-08	-2.61E-03	0.00E+00	-7.10E-01	0.00E+00	-1.88E+00	-4.88E-05	-1.88E+00	-2.60E+00	-7.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
WXF160B	-7.90E-03	-8.27E-02	-1.21E-03	-8.15E-02	0.00E+00	0.00E+00	-1.26E+00	-5.03E-04	-2.35E-04	-2.99E-03	0.00E+00	0.00E+00	-6.54E-10	-5.89E-08	-1.38E-03	-3.30E+00	0.00E+00	0.00E+00	-1.00E+00	0.00E+00	-5.14E-01	0.00E+00	-2.89E-09	-1.12E-08	-8.52E-04	0.00E+00	-5.18E-01	0.00E+00	-5.14E-01	-1.55E-05	-5.14E-01	-1.03E+00	-5.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.26E+01
WXF160D	-3.22E-03	-2.71E-02	-2.66E-05	-2.93E-02	0.00E+00	0.00E+00	-7.26E-01	-2.47E-04	-4.69E-05	-1.52E-03	0.00E+00	0.00E+00	-3.21E-10	-2.85E-08	-1.26E-04	-1.35E+00	0.00E+00	0.00E+00	-5.05E-01	0.00E+00	-2.16E-02	0.00E+00	1.60E-10	-6.32E-09	-2.70E-04	-2.12E-10	-1.58E-01	0.00E+00	-2.16E-02	-6.47E-06	-2.16E-02	-3.72E-01	-1.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.29E+01
WXF160E	-5.34E-03	-2.80E-02	-7.16E-05	-3.24E-02	0.00E+00	0.00E+00	-9.31E-01	-3.31E-04	-8.31E-05	-2.32E-03	0.00E+00	0.00E+00	-4.92E-10	-4.13E-08	-4.30E-04	-1.47E+00	0.00E+00	0.00E+00	-7.33E-01	0.00E+00	-1.83E-02	0.00E+00	2.56E-11	-7.75E-09	-5.52E-04	-2.12E-10	-1.72E-01	0.00E+00	-1.83E-02	-1.19E-05	-1.83E-02	-3.64E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.13E+01
WXF160N	-3.62E-03	-2.81E-02	-3.68E-05	-2.75E-02	0.00E+00	0.00E+00	-8.05E-01	-2.69E-04	-3.65E-05	-1.40E-03	0.00E+00	-1.71E-07	-2.80E-10	-3.03E-08	-3.52E-04	-1.85E+00	0.00E+00	0.00E+00	-5.05E-01	-6.10E-05	-2.27E-02	0.00E+00	1.56E-10	-6.38E-09	-2.98E-04	-4.04E-08	-1.73E-01	0.00E+00	-2.27E-02	-6.55E-06	-2.27E-02	-3.97E-01	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.23E+01
WXF160R	-2.99E-03	-2.75E-02	-1.30E-05	-2.92E-02	0.00E+00	0.00E+00	-7.26E-01	-2.43E-04	-4.20E-05	-1.44E-03	0.00E+00	0.00E+00	-2.86E-10	-2.80E-08	-1.31E-04	-1.35E+00	0.00E+00	0.00E+00	-4.78E-01	0.00E+00	-2.16E-02	0.00E+00	1.61E-10	-6.30E-09	-2.76E-04	-2.12E-10	-1.57E-01	0.00E+00	-2.16E-02	-6.50E-06	-2.16E-02	-3.68E-01	-1.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
WXF160T	-3.62E-03	-2.81E-02	-3.68E-05	-2.75E-02	0.00E+00	0.00E+00	-8.05E-01	-2.69E-04	-3.65E-05	-1.40E-03	0.00E+00	-1.71E-07	-2.80E-10	-3.03E-08	-3.52E-04	-1.85E+00	0.00E+00	0.00E+00	-5.05E-01	-6.10E-05	-2.27E-02	0.00E+00	1.56E-10	-6.38E-09	-2.98E-04	-4.04E-08	-1.73E-01	0.00E+00	-2.27E-02	-6.55E-06	-2.27E-02	-3.97E-01	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.23E+01
WXF160V	-2.99E-03	-2.73E-02	-7.48E-09	-2.85E-02	0.00E+00	0.00E+00	-7.27E-01	-2.43E-04	-4.04E-05	-1.44E-03	0.00E+00	0.00E+00	-2.82E-10	-2.79E-08	-1.26E-04	-1.37E+00	0.00E+00	0.00E+00	-4.79E-01	0.00E+00	-2.27E-02	0.00E+00	1.86E-10	-6.30E-09	-2.76E-04	-2.12E-10	-1.56E-01	0.00E+00	-2.27E-02	-6.52E-06	-2.27E-02	-3.68E-01	-1.56E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.32E+01
WXF165B	-2.99E-03	-2.44E-02	4.87E-05	-2.27E-02	0.00E+00	0.00E+00	-7.30E-01	-2.41E-04	-3.03E-05	-1.31E-03	0.00E+00	0.00E+00	-2.73E-10	-2.82E-08	2.31E-04	-1.40E+00	0.00E+00	0.00E+00	-4.49E-01	0.00E+00	-1.49E-02	0.00E+00	5.07E-10	-6.10E-09	-2.53E-04	-2.12E-10	-1.56E-01	0.00E+00	-1.49E-02	-6.45E-06	-1.49E-02	-3.26E-01	-1.56E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.17E+01
WXF165N	-3.67E-03	-2.46E-02	-4.13E-06	-2.15E-02	0.00E+00	0.00E+00	-8.13E-01	-2.65E-04	-2.08E-05	-1.28E-03	0.00E+00	-2.59E-06	-2.64E-10	-3.07E-08	-3.20E-07	-1.89E+00	0.00E+00	0.00E+00	-4.65E-01	-9.26E-04	-2.63E-02	0.00E+00	4.06E-10	-6.02E-09	-2.79E-04	-6.23E-07	-1.71E-01	0.00E+00	-2.63E-02	-6.51E-06	-2.63E-02	-3.30E-01	-1.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.06E+01

WXF165T	-5.50E-03	-2.52E-03	-8.37E-05	-2.68E-02	0.00E+00	0.00E+00	-9.95E-01	-3.54E-04	-6.01E-05	-2.08E-03	0.00E+00	-2.59E-06	-4.62E-10	-4.42E-08	-3.07E-04	-1.88E+00	0.00E+00	0.00E+00	-6.37E-01	-9.26E-04	-2.93E-02	0.00E+00	1.21E-10	-7.32E-09	-5.20E-04	-8.44E-07	-1.79E-01	0.00E+00	-2.92E-02	-1.15E-05	-2.92E-02	-3.37E-01	-1.79E-01	0.00E+00	0.00E+00	0.00E+00	-2.79E-01
WXF191N	-4.38E-03	-8.09E-02	-7.47E-04	-7.11E-02	0.00E+00	0.00E+00	-8.17E-01	-4.55E-04	-8.96E-05	-1.88E-03	0.00E+00	0.00E+00	-6.18E-10	-5.26E-08	-1.47E-03	-1.34E+00	0.00E+00	0.00E+00	-7.22E-01	0.00E+00	-7.67E-01	0.00E+00	-2.80E-10	-8.32E-09	-6.07E-04	-2.12E-10	-2.38E-01	0.00E+00	-7.67E-01	-1.17E-05	-7.67E-01	-9.14E-01	-2.38E-01	0.00E+00	0.00E+00	0.00E+00	-2.81E+01
WXF421B	8.63E-03	1.73E-01	1.97E-02	1.54E-01	0.00E+00	0.00E+00	3.26E+00	5.54E-06	6.19E-03	2.45E-03	0.00E+00	0.00E+00	6.11E-10	6.62E-08	1.44E-02	-3.07E+00	0.00E+00	0.00E+00	3.09E+00	0.00E+00	3.47E+00	0.00E+00	2.71E-08	1.65E-08	1.08E-03	0.00E+00	-1.08E-01	0.00E+00	3.47E+00	1.22E-07	3.47E+00	3.36E+00	-1.08E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
WXF421E	3.32E-04	2.95E-02	4.11E-04	-1.70E-02	0.00E+00	0.00E+00	9.81E-01	-2.01E-04	6.89E-05	-9.15E-04	0.00E+00	0.00E+00	-1.78E-10	-1.05E-08	8.56E-03	-2.40E+00	0.00E+00	0.00E+00	-4.54E-01	0.00E+00	2.93E-01	0.00E+00	7.65E-10	-4.76E-09	-1.90E-04	-2.12E-10	-3.87E-01	0.00E+00	2.93E-01	-4.69E-06	2.93E-01	-1.29E-01	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+01
WXF421N	-5.90E-04	2.45E-02	3.95E-04	-1.72E-02	0.00E+00	0.00E+00	9.64E-01	-1.90E-04	7.78E-05	-8.62E-04	0.00E+00	-1.19E-06	-1.34E-10	-1.19E-08	8.53E-03	-3.10E+00	0.00E+00	0.00E+00	-4.30E-01	-4.26E-04	2.93E-01	0.00E+00	6.67E-10	-4.95E-09	-1.61E-04	-2.94E-07	-4.21E-01	0.00E+00	2.93E-01	-4.42E-06	2.93E-01	-1.59E-01	-4.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
WXF421R	3.40E-04	2.95E-02	4.11E-04	-1.70E-02	0.00E+00	0.00E+00	9.67E-01	-2.00E-04	6.89E-05	-9.32E-04	0.00E+00	0.00E+00	-1.78E-10	-1.14E-08	8.55E-03	-2.40E+00	0.00E+00	0.00E+00	-4.51E-01	0.00E+00	2.93E-01	0.00E+00	6.84E-10	-4.76E-09	-2.02E-04	-2.12E-10	-3.78E-01	0.00E+00	2.93E-01	-4.69E-06	2.93E-01	-1.29E-01	-3.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+01
WXF421T	-5.90E-04	2.45E-02	3.95E-04	-1.72E-02	0.00E+00	0.00E+00	9.64E-01	-1.90E-04	7.78E-05	-8.62E-04	0.00E+00	-1.19E-06	-1.34E-10	-1.19E-08	8.53E-03	-3.10E+00	0.00E+00	0.00E+00	-4.30E-01	-4.26E-04	2.93E-01	0.00E+00	6.67E-10	-4.95E-09	-1.61E-04	-2.94E-07	-4.21E-01	0.00E+00	2.93E-01	-4.42E-06	2.93E-01	-1.59E-01	-4.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
WXF421V	3.32E-04	2.95E-02	4.11E-04	-1.70E-02	0.00E+00	0.00E+00	9.81E-01	-2.00E-04	7.27E-05	-9.15E-04	0.00E+00	0.00E+00	-1.72E-10	-1.05E-08	8.56E-03	-2.40E+00	0.00E+00	0.00E+00	-4.54E-01	0.00E+00	2.93E-01	0.00E+00	7.65E-10	-4.70E-09	-1.80E-04	-2.12E-10	-3.87E-01	0.00E+00	2.93E-01	-4.63E-06	2.93E-01	-1.29E-01	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
WXF422B	7.85E-04	-5.83E-02	1.89E-03	-6.01E-02	0.00E+00	0.00E+00	3.19E-01	2.94E-07	5.74E-04	1.01E-04	0.00E+00	0.00E+00	4.60E-11	6.39E-09	1.35E-03	-6.01E+00	0.00E+00	0.00E+00	2.84E-01	0.00E+00	2.93E-01	0.00E+00	2.50E-09	-1.10E-09	7.08E-05	0.00E+00	-8.41E-01	0.00E+00	2.93E-01	4.14E-06	2.93E-01	-5.48E-01	-8.41E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+01
WXF422E	-2.48E-03	-1.45E-02	4.67E-04	-4.01E-02	0.00E+00	0.00E+00	-6.23E-01	-2.55E-04	1.10E-04	-9.93E-04	0.00E+00	0.00E+00	-1.78E-10	-3.35E-08	1.81E-03	-2.85E+00	0.00E+00	0.00E+00	-3.94E-01	0.00E+00	2.16E-01	0.00E+00	3.84E-09	-6.62E-09	-2.42E-04	-2.12E-10	-4.81E-01	0.00E+00	2.16E-01	-7.62E-06	2.16E-01	-3.06E-01	-4.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.16E+01
WXF422N	-2.93E-03	-2.05E-02	3.44E-04	-4.05E-02	0.00E+00	0.00E+00	-6.04E-01	-2.61E-04	1.04E-04	-1.21E-03	0.00E+00	-2.59E-06	-1.69E-10	-3.44E-08	1.53E-03	-3.43E+00	0.00E+00	0.00E+00	-5.37E-01	-9.26E-04	2.16E-01	0.00E+00	3.61E-09	-6.06E-09	-2.56E-04	-6.12E-07	-5.37E-01	0.00E+00	2.16E-01	-7.91E-06	2.16E-01	-3.31E-01	-5.37E-01	0.00E+00	0.00E+00	0.00E+00	-2.06E+01
WXF422R	-2.31E-03	-1.49E-02	3.57E-04	-4.06E-02	0.00E+00	0.00E+00	-6.03E-01	-2.69E-04	1.01E-04	-1.17E-03	0.00E+00	0.00E+00	-1.79E-10	-3.47E-08	1.53E-03	-2.85E+00	0.00E+00	0.00E+00	-4.53E-01	0.00E+00	2.16E-01	0.00E+00	3.57E-09	-6.19E-09	-2.53E-04	-2.12E-10	-4.89E-01	0.00E+00	2.16E-01	-7.85E-06	2.16E-01	-3.06E-01	-4.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.11E+01
WXF422T	-2.93E-03	-2.05E-02	3.47E-04	-4.05E-02	0.00E+00	0.00E+00	-6.04E-01	-2.61E-04	1.04E-04	-1.22E-03	0.00E+00	-2.59E-06	-1.63E-10	-3.44E-08	1.53E-03	-3.40E+00	0.00E+00	0.00E+00	-5.37E-01	-9.26E-04	2.16E-01	0.00E+00	3.61E-09	-6.05E-09	-2.56E-04	-6.12E-07	-5.37E-01	0.00E+00	2.16E-01	-7.82E-06	2.16E-01	-3.31E-01	-5.37E-01	0.00E+00	0.00E+00	0.00E+00	-2.06E+01
WXF422V	-2.31E-03	-1.46E-02	3.57E-04	-4.06E-02	0.00E+00	0.00E+00	-6.03E-01	-2.69E-04	1.01E-04	-1.17E-03	0.00E+00	0.00E+00	-1.77E-10	-3.46E-08	1.53E-03	-2.85E+00	0.00E+00	0.00E+00	-4.53E-01	0.00E+00	2.16E-01	0.00E+00	3.57E-09	-6.15E-09	-2.45E-04	-2.12E-10	-4.89E-01	0.00E+00	2.16E-01	-7.85E-06	2.16E-01	-3.06E-01	-4.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
WXF423B	-6.94E-03	4.75E-02	1.29E-03	4.62E-02	0.00E+00	0.00E+00	-1.45E+00	-7.93E-04	9.45E-05	-3.29E-03	0.00E+00	0.00E+00	-9.03E-10	-8.83E-08	4.02E-03	-8.02E+01	0.00E+00	0.00E+00	-9.25E-01	0.00E+00	1.05E+00	0.00E+00	1.02E-08	-8.15E-09	-8.89E-04	0.00E+00	-1.01E+00	0.00E+00	1.05E+00	-2.22E-05	1.05E+00	9.47E-01	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-4.32E+01
WXF423E	-3.46E-03	-7.58E-03	4.13E-04	-2.22E-02	0.00E+00	0.00E+00	-6.43E-01	-4.23E-04	4.97E-05	-1.44E-03	0.00E+00	-1.05E-06	-3.34E-10	-4.22E-08	1.99E-03	-3.43E+00	0.00E+00	0.00E+00	-5.47E-01	-3.76E-04	2.18E-01	0.00E+00	4.42E-09	-6.39E-09	-4.30E-04	-2.47E-07	-5.65E-01	0.00E+00	2.18E-01	-9.49E-06	2.18E-01	-2.96E-01	-5.65E-01	0.00E+00	0.00E+00	0.00E+00	-2.54E+01
WXF423N	-3.55E-03	-1.76E-03	4.19E-04	-4.07E-03	0.00E+00	0.00E+00	-6.77E-01	-4.27E-04	6.40E-05	-1.35E-03	0.00E+00	-3.31E-06	-2.95E-10	-4.16E-08	2.15E-03	-3.76E+00	0.00E+00	0.00E+00	-5.90E-01	-1.18E-03	3.38E-01	0.00E+00	4.59E-09	-6.79E-09	-4.11E-04	-7.77E-07	-5.33E-01	0.00E+00	3.38E-01	-9.33E-06	3.38E-01	-1.26E-01	-5.33E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+01
WXF423R	-3.51E-03	-7.43E-03	4.14E-04	-2.61E-02	0.00E+00	0.00E+00	-7.19E-01	-4.29E-04	4.25E-05	-1.39E-03	0.00E+00	-1.05E-06	-3.37E-10	-4.20E-08	1.93E-03	-3.10E+00	0.00E+00	0.00E+00	-5.43E-01	-3.76E-04	2.18E-01	0.00E+00	4.40E-09	-7.47E-09	-4.34E-04	-2.47E-07	-5.25E-01	0.00E+00	2.18E-01	-9.46E-06	2.18E-01	-3.32E-01	-5.25E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
WXF423T	-3.55E-03	-1.85E-03	4.35E-04	-7.36E-03	0.00E+00	0.00E+00	-6.81E-01	-4.27E-04	5.87E-05	-1.36E-03	0.00E+00	-3.31E-06	-3.00E-10	-4.18E-08	2.06E-03	-3.76E+00	0.00E+00	0.00E+00	-5.94E-01	-1.18E-03	2.34E-01	0.00E+00	4.55E-09	-6.79E-09	-4.11E-04	-7.77E-07	-5.61E-01	0.00E+00	2.34E-01	-9.33E-06	2.34E-01	-2.34E-01	-5.61E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
WXF423V	-3.46E-03	-9.17E-03	4.17E-04	-2.48E-02	0.00E+00	0.00E+00	-7.09E-01	-4.29E-04	4.65E-05	-1.49E-03	0.00E+00	-1.05E-06	-3.42E-10	-4.23E-08	1.91E-03	-3.20E+00	0.00E+00	0.00E+00	-5.36E-01	-3.76E-04	2.18E-01	0.00E+00	4.34E-09	-7.51E-09	-4.43E-04	-2.47E-07	-5.28E-01	0.00E+00	2.18E-01	-9.54E-06	2.18E-01	-3.32E-01	-5.28E-01	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
WXF431	-2.61E-03	-6.84E-02	-2.62E-04	-7.43E-02	0.00E+00	0.00E+00	-7.24E-03	-4.26E-04	-3.24E-05	-1.34E-03	0.00E+00	0.00E+00	-5.84E-10	-3.99E-08	4.77E-03	-2.75E+00	0.00E+00	0.00E+00	-5.27E-01	0.00E+00	-1.74E-01	0.00E+00	-4.82E-10	-7.17E-09	-5.65E-04	-2.12E-10	-4.32E-01	0.00E+00	-1.74E-01	-9.05E-06	-1.74E-01	-8.22E-01	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	-2.10E+01
WXF432	-2.60E-03	-1.45E-02	2.82E-04	-3.70E-02	0.00E+00	0.00E+00	-6.46E-01	-2.47E-04	1.11E-04	-1.01E-03	0.00E+00	0.00E+00	-1.73E-10	-3.29E-08	7.82E-04	-2.84E+00	0.00E+00	0.00E+00	-3.90E-01	0.00E+00	2.20E-01	0.00E+00	2.98E-09	-6.62E-09	-2.41E-04	-2.12E-10	-4.77E-01	0.00E+00	2.20E-01	-7.28E-06	2.20E-01	-2.96E-01	-4.77E-01	0.00E+00	0.00E+00	0.00E+00	-2.17E+01
WXF433	-3.62E-03	-9.77E-03	2.34E-04	-2.54E-02	0.00E+00	0.00E+00	-7.39E-01	-4.29E-04	4.10E-05	-1.50E-03	0.00E+00	-1.05E-06	-3.40E-10	-4.25E-08	9.66E-04	-3.20E+00	0.00E+00	0.00E+00	-5.35E-01	-3.76E-04	2.18E-01	0.00E+00	3.70E-09	-7.49E-09	-4.32E-04	-2.47E-07	-5.28E-01	0.00E+00	2.18E-01	-9.66E-06	2.18E-01	-3.43E-01	-5.28E-01	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
WXF452B	-1.35E-02	-4.46E-02	-1.83E-03	-4.27E-02	0.00E+00	0.00E+00	-3.21E+00	-1.38E-03	-5.52E-04	-7.14E-03	0.00E+00	0.00E+00	-1.72E-09	-1.61E-07	1.77E-04	-1.33E+00	0.00E+00	0.00E+00	-2.39E+00	0.00E+00	-1.59E-01	0.00E+00	1.89E-09	-2.23E-08	-2.02E-03	0.00E+00	-2.59E-01	0.00E+00	-1.59E-01	-4.12E-05	-1.59E-01	-4.17E-01	-2.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
WXF452N	-5.76E-03	-2.55E-02	7.47E-05	-2.71E-02	0.00E+00	0.00E+00	-1.14E+00	-3.39E-04	3.91E-05	-1.79E-03	0.00E+00	-2.59E-06	-3.41E-10	-3.70E-08	2.61E-04	-2.91E+00	0.00E+00	0.00E+00	-6.40E-01	-9.26E-04	9.27E-02	0.00E+00	2.00E-09	-9.35E-09	-5.73E-04	-6.44E-07	-4.34E-01	0.00E+00	9.27E-02	-1.21E-05	9.27E-02	-2.65E-01	-4.34E-01	0.00E+00	0.00E+00	0.00E+00	-2.98E+01
WXF452T	-6.34E-03	-2.65E-02	5.31E-05	-2.76E-02	0.00E+00	0.00E+00	-1.23E+00	-3.61E-04	4.93E-05	-1.77E-03	0.00E+00	-2.59E-06	-3.52E-10	-3.85E-08	2.60E-04	-3.13E+00	0.00E+00	0.00E+00	-6.62E-01	-9.26E-04	8.29E-02	0.00E+00	2.00E-09	-1.09E-08	-5.95E-04	-6.44E-07	-4.59E-01	0.00E+00	8.29E-02	-1.28E-05	8.29E-02	-2.83E-01	-4.59E-01	0.00E+00	0.00E+00	0.00E+00	-3.12E+01
WXF453B	-6.47E-03	-3.21E-02	-1.15E-04	-2.09E-02	0.00E+00	0.00E+00	-1.37E+00	-5.18E-04	-7.16E-06	-1.97E-03	0.00E+00	-1.05E-06	-4.80E-10	-4.68E-08	4.81E-04	-2.94E+00	0.00E+00	0.00E+00	-7.40E-01	-3.76E-04	1.06E-01	0.00E+00	3.29E-09	-1.08E-08	-6.55E-04	-2.47E-07	-5.33E-01	0.00E+00	1.06E-01	-1.48E-05	1.06E-01	-2.52E-01	-5.33E-01	0.00E+00	0.00E+00	0.00E+00	-4.09E+01
WXF453N	-6.26E-03	-3.20E-02	-2.22E-04	-2.05E-02	0.00E+00	0.00E+00	-1.17E+00	-4.92E-04	-6.16E-06	-1.91E-03	0.00E+00	-3.31E-06	-4.11E-10	-4.47E-08	4.57E-04	-3.45E+00	0.00E+00	0.00E+00	-7.02E-01	-1.18E-03	1.06E-01	0.00E+00	3.35E-09	-9.82E-09	-6.23E-04	-8.09E-07	-5.68E-01	0.00E+00	1.06E-01	-1.44E-05	1.06E-01	-2.79E-01	-5.68E-01	0.00E+00	0.00E+00	0.00E+00	-3.86E+01
WXF453T	-6.26E-03	-3.16E-02	-1.86E-04	-1.95E-02	0.00E+00	0.00E+00	-1.17E+00	-4.95E-04	-6.48E-06	-1.92E-03	0.00E+00	-3.31E-06	-4.11E-10	-4.41E-08	4.89E-04	-3.45E+00	0.00E+00	0.00E+00	-7.11E-01	-1.18E-03	1.06E-01	0.00E+00	3.31E-09	-1.03E-08	-6.32E-04	-8.09E-07	-5.64E-01	0.00E+00	1.06E-01	-1.46E-05	1.06E-01	-2.49E-01	-5.64E-01	0.00E+00	0.00E+00	0.00E+00	-3.86E+01
WXF462B	-2.66E-03	-1.93E-02	-3.98E-05	-1.94E-02	0.00E+00	0.00E+00	-4.56E-01	-1.72E-04	-2.96E-05	-1.11E-03	0.00E+00	0.00E+00	-2.98E-10	-2.32E-08	1.23E-04	-7.42E-01	0.00E+00	0.00E+00	-4.02E-01	0.00E+00	-2.81E-02	0.00E+00	5.37E-10	-3.67E-09	-2.35E-04	-2.12E-10	-1.14E-01	0.00E+00	-2.81E-02	-6.65E-06	-2.81E-02	-2.10E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
WXF462R	-1.21E-03	-1.88E-02	6.19E-05	-1.27E-02	0.00E+00	0.00E+00	-3.08E-01	-1.16E-04	-6.71E-07	-7.62E-04	0.00E+00	0.00E+00	-1.55E-10	-1.43E-08	3.45E-04	-7.03E-01	0.00E+00	0.00E+00	-2.65E-01	0.00E+00	-2.27E-02	0.00E+00	8.25E-10	-2.70E-09	-1.23E-04	-2.12E-10	-1.06E-01	0.00E+00	-2.27E-02	-3.61E-06	-2.27E-02	-1.95E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-9.28E+00
WXF472B	-6.16E-03	-2.76E-02	8.65E-05	-3.08E-02	0.00E+00	0.00E+00	-1.38E+00	-3.67E-04	5.56E-05	-1.86E-03	0.00E+00	0.00E+00	-4.25E-10	-4.12E-08	2.54E-04	-2.80E+00	0.00E+00	0.00E+00	-6.79E-01	0.00E+00	8.01E-02	0.00E+00	2.13E-09	-1.10E-08	-5.74E-04	-2.12E-10	-4.57E-01	0.00E+00	8.01E-02	-1.27E-05	8.01E-02	-3.29E-01	-4.57E-01	0.00E+00	0.00E+00	0.00E+00	-3.44E+01
WXF472E	-5.94E-03	-3.88E-02	4.85E-05	-4.25E-02	0.00E+00	0.00E+00	-1.16E+00	-3.59E-04	5.71E-05	-1.80E-03	0.00E+00	-2.59E-06	-3.78E-10	-4.08E-08	2.36E-04	-3.73E+00	0.00E+00	0.00E+00	-6.78E-01	-9.26E-04	-1.63E-02	0.00E+00	1.70E-09	-1.03E-08	-5.54E-04	-6.44E-07	-5.57E-01	0.00E+00	-1.63E-02	-1.33E-05	-1.63E-02	-3.91E-01	-5.57E-01	0.00E+00	0.00E+00	0.00E+00	-2.98E+01
WXF472N	-6.14E-03	-2.68E-02	4.86E-05	-2.72E-02	0.00E+00	0.00E+00	-1.17E+00	-3.59E-04	5.55E-05	-1.73E-03	0.00E+00	-2.59E-06	-3.43E-10	-3.83E-08	2.71E-04	-3.51E+00	0.00E+00	0.00E+00	-6.55E-01	-9.26E-04	8.01E-02	0.00E+00	1.99E-09	-1.05E-08	-5.73E-04	-6.44E-07	-5.09E-01	0.00E+00	8.01E-02	-1.27E-05	8.01E-02	-2.97E-01	-5.09E-01	0.00E+00	0.00E+00	0.00E+00	-3.06E+01
WXF472R	-1.78E-03	-8.97E-02	1.54E-03	-9.13E-02	0.00E+00	0.00E+00	-2.93E-01	-2.88E-04	5.87E-04	-1.50E-03	0.00E+00	0.00E+00	-2.83E-10	-2.40E-08	6.24E-04	-6.83E+00	0.00E+00	0.00E+00	-1.89E-01	0.00E+00	3.53E-02	0.00E+00	8.50E-10	-6.43E-09	-3.74E-04	0.00E+00	-9.45E-01	0.00E+00	3.53E-02	-9.67E-06	3.53E-02	-9.10E-01	-9.45E-01	0.00E+00	0.00E+00	0.00E+00	-9.52E+00
WXF472T	-6.09E-03	-2.71E-02	4.86E-05	-2.92E-02	0.00E+00	0.00E+00	-1.17E+00	-3.49E-04	5.56E-05	-1.74E-03	0.00E+00	-2.59E-06	-3.43E-10	-3.86E-08	2.72E-04	-3.51E+00	0.00E+00	0.00E+00	-6.38E-01	-9.26E-04	8.01E-02	0.00E+00	1.99E-09	-1.02E-08	-5.64E-04	-6.44E-07	-5.09E-01	0.00E+00	8.01E-02	-1.26E-05	8.01E-02	-3.07E-01	-5.09E-01	0.00E+00	0.00E+00	0.00E+00	-3.07E+01
WXF472V	-5.94E-03	-3.88E-02	4.85E-05	-4.21E-02	0.00E+00	0.00E+00	-1.15E+00	-3.52E-04	5.98E-05	-1.80E-03	0.00E+00	-2.59E-06	-3.65E-10	-4.06E-08	2.80E-04	-3.67E+00	0.00E+00	0.00E+00	-6.78E-01	-9.26E-04	1.93E-02	0.00E+00	1.70E-09	-1.03E-08	-5.54E-04	-6.44E-07	-5.52E-01	0.00E+00	1.93E-02	-1.29E-05	1.93E-02	-3.53E-01	-5.52E-01	0.00E+00	0.00E+00	0.00E+00	-2.98E+01
WXF473B	-6.16E-03	-3.19E-02	-1.64E-04	-2.02E-02	0.00E+00	0.00E+00	-1.36E+00	-5.06E-04	6.19E-06	-1.97E-03	0.00E+00	-1.05E-06	-4.76E-10	-4.71E-08	4.95E-04	-2.97E+00	0.00E+00	0.00E+00	-7.12E-01	-3.76E-04	1.07E-01	0.00E+00	3.58E-09	-1.03E-08	-6.30E-04	-2.47E-07	-5.37E-01	0.00E+00	1.07E-01	-1.48E-05	1.07E-01	-2.78E-01	-5.37E-01	0.00E+00	0.00E+00	0.00E+00	-4.08E+01
WXF473N	-6.30E-03	-3.00E-02	-1.86E-04	-1.80E-02	0.00E+00	0.00E+00	-1.14E+00	-4.98E-04	-8.02E-06	-1.89E-03	0.00E+00	-3.31E-06	-4.10E-10	-4.42E-08	5.26E-04	-3.72E+00	0.00E+00	0.00E+00	-7.12E-01	-1.18E-03	1.06E-01	0.00E+00	3.30E-09	-9.89E-09	-6.32E-04	-8.09E-07	-5.89E-01	0.00E+00	1.06E-01	-1.46E-05	1.06E-01	-2.49E-01	-5.89E-01	0.00E+00	0.00E+00	0.00E+00	-3.89E+01
WXF473R	-6.08E-03	-3.11E-02	-2.12E-04	-1.91E-02	0.00E+00	0.00E+00	-1.13E+00	-4.98E-04	5.01E-06	-1.88E-03	0.00E+00	-3.31E-06	-4.08E-10	-4.45E-08	4.95E-04	-3.75E+00	0.00E+00	0.00E+00	-6.89E-01	-1.18E-03	1.07E-01	0.00E+00	3.37E-09	-9.62E-09	-6.08E-04	-8.09E-07	-5.96E-01	0.00E+00	1.07E-01	-1.46E-05	1.07E-01	-2.75E-01	-5.96E-01	0.00E+00	0.00E+00	0.00E+00	-3.88E+01
WXF473T	-6.37E-03	-3.10E-02	-1.68E-04	-1.71E-02	0.00E+00	0.00E+00	-1.14E+00	-5.16E-04	-1.68E-05	-1.86E-03	0.00E+00	-3.31E-06	-4.14E-10	-4.35E-08	5.25E-04	-3.68E+00	0.00E+00	0.00E+00	-7.22E-01	-1.18E-03	1.09E-01	0.00E+00	3.28E-09	-1.03E-08	-6.53E-04	-8.09E-07	-5.98E-01	0.00E+00	1.09E-01	-1.45E-05	1.09E-01	-2.49E-01	-5.98E-01	0.00E+00	0.00E+00	0.00E+00	-3.89E+01
WXPSS81	-4.08E-03	-5.20E-01	-2.35E-03	-5.17E-01	0.00E+00	0.00E+00	-1.22E+00	-3.61E-04	-2.81E-04	-3.55E-03	0.00E+00	0.00E+00	-1.12E-09	-4.29E-08	-4.62E-03	-3.22E+01	0.00E+00	0.00E+00	-1.29E+00	0.00E+00	-1.65E+00	0.00E+00	-9.46E-09	-2.85E-08	-1.12E-03	0.00E+00	-4.76E+00	0.00E+00	-1.65E+00	-1.33E-05	-1.65E+00	-6.41E+00	-4.76E+00	0.00E+00	0.00E+00	0.00E+00	-5.31E+01
WXPSS82	-1.31E-02	-8.55E-01	-4.58E-03	-8.50E-01	0.00E+00	0.00E+00	-2.45E+00	-7.71E-04	-5.71E-04	-7.20E-03	0.00E+00	0.00E+00	-1.98E-09	-9.14E-08	-7.49E-03	-4.76E+01	0.00E+00	0.00E+00	-2.43E+00	0.00E+00	-2.90E+00	0.00E+00	-1.75E-08	-4.78E-08	-2.18E-03	0.00E+00	-7.06E+00	0.00E+00	-2.90E+00	-2.83E-05	-2.90E+00	-9.96E+00	-7.06E+00	0.00E+00	0.00E+00	0.00E+00	-9.99E+01