

Product Environmental Profile

Socket-outlet 2-gang Wago plug/clamp technique C-Profile in traffic white



Company information

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References covered

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

Methodology

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

Reference product

Reference product identification
GS20009016

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

Functional unit

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

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

Materials and substances

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

Plastics			Metals			Others		
	g	%		g	%		g	%
PA6	64.25	27.8%	Copper	25.93	11.2%	Glass	18.93	8.2%
PA66	27.22	11.8%	Brass	17.91	7.8%	Cardboard	18.58	8.0%
PC	26.62	11.5%	Zamak	8.90	3.9%	Melamine cyanurate	9.18	4.0%
PE-LD	1.10	0.5%	Stainless steel	3.04	1.3%	Wood	5.50	2.4%
PBT	0.70	0.3%	Steel	1.19	0.5%	Paper	0.49	0.2%
			Other	0.65	0.3%	Other	0.70	0.3%
Total mass of reference product with raw material packaging :			230.86 g					
Total mass of reference product (Product + packaging)			219.832 g					

System Boundaries

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

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

Manufacturing

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

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

Distribution

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

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

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

Installation

Installation processes

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

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

Installation elements (non delivered with the product)

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

Use

Power loss / load dependent			
Active mode		Inactive mode	
Watt	% of time	Watt	% of time
0.0386	30%	0	70%

Power consumption / not load dependent					
Active Sleep phase		Passive Sleep phase		Turn off phase	
Watt	% of time	Watt	% of time	Watt	% of time
0	100%	0	0%	0	0%

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

Energy model of the use phase :

Europe

Consumables and maintenance :

None

End of life

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

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

Environmental impacts

Evaluation of the environmental impact covers the following life cycle stages: raw materials + manufacturing (RMM), distribution (D), installation (I), use (U) and end of life (EoL).

All calculations are done with EIME software version 6.2.3 with the database version CODDE© 2024-04 .

Indicators set : Indicators for PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v2.0

PEP representative of the covered products marketed in: Europe

Energy models considered for each phase

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

Environmental impact indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Acidification (PEF-AP)	mole H+ eq	2.75E-02	2.39E-04	4.51E-05	3.66E-03	3.07E-03	3.45E-02	-1.94E-02
Climate change - Total (PEF-GWP)	kg CO2 eq.	1.93E+00	3.77E-02	2.00E-02	7.15E-01	3.99E-01	3.11E+00	-1.96E-01
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	2.00E-02	0.00E+00	3.77E-03	1.32E-03	8.72E-03	3.38E-02	-4.47E-03
Climate change-Fossil (PEF-GWPF)	kg CO2 eq.	1.91E+00	3.77E-02	1.62E-02	7.14E-01	3.90E-01	3.07E+00	-1.91E-01
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	4.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-05	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	2.43E+03	2.47E-02	2.34E-01	1.35E+00	1.38E+00	2.43E+03	-4.73E+00
EF-particulate Matter (PEF-PM)	Incidence of diseases	1.69E-07	1.94E-09	2.69E-10	2.95E-08	1.40E-08	2.15E-07	-3.87E-08
Eutrophication, freshwater (PEF-Epf)	kg P eq.	5.92E-04	1.42E-08	2.22E-07	1.88E-06	3.02E-06	5.97E-04	-1.95E-03
Eutrophication marine (PEF-Epm)	kg N eq.	1.61E-03	1.12E-04	2.15E-05	4.46E-04	1.71E-03	3.90E-03	-6.99E-04
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	1.82E-02	1.23E-03	1.34E-04	7.17E-03	3.63E-03	3.03E-02	-1.10E-02
Human toxicity, cancer (PEF-CTUh-c)	CTUh	5.04E-07	6.63E-13	1.79E-09	8.99E-11	3.99E-10	5.06E-07	-2.98E-09
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	3.62E-07	1.28E-11	5.23E-11	2.15E-09	1.73E-08	3.81E-07	-2.26E-07
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	3.30E+01	9.19E-05	2.42E-03	1.03E+00	1.11E-02	3.41E+01	-2.88E-03
Land use (PEF-LU)	No dimension	1.81E+00	0.00E+00	4.33E-05	1.98E-02	6.32E-01	2.47E+00	-5.63E+00
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	1.38E-07	5.78E-11	2.08E-10	3.47E-09	2.48E-08	1.66E-07	-4.96E-09
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	6.31E-03	3.10E-04	3.13E-05	1.40E-03	1.03E-03	9.09E-03	-3.15E-03
Resource use, fossils (PEF-ADPf)	MJ	3.40E+01	5.26E-01	1.54E-01	1.81E+01	3.01E+00	5.58E+01	-1.38E+00
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	4.12E-04	1.49E-09	3.78E-10	2.53E-07	8.94E-07	4.13E-04	-5.70E-05
Water use (PEF-WU)	m3 eq.	1.74E+00	1.43E-04	1.21E-03	5.48E-02	6.18E+01	6.36E+01	-1.88E+02

Resource use indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Net use of fresh water	m³	4.06E-02	3.34E-06	2.82E-05	1.29E-03	1.63E+00	1.68E+00	-4.37E+00
Total use of primary energy	MJ	3.67E+01	5.27E-01	1.75E-01	2.28E+01	3.29E+00	6.35E+01	-2.39E+00
Total use of non renewable primary energy resources	MJ	3.40E+01	5.26E-01	1.54E-01	1.81E+01	3.01E+00	5.58E+01	-1.38E+00
Total use of renewable primary energy resources	MJ	2.68E+00	7.02E-04	2.05E-02	4.78E+00	2.79E-01	7.76E+00	-1.01E+00
Use of non-renewable primary energy, excluding non renewable primary energy resources used as raw materials	MJ	2.95E+01	5.26E-01	1.54E-01	1.81E+01	3.01E+00	5.12E+01	-1.38E+00
Use of non-renewable primary energy resources as raw materials	MJ	4.54E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E+00	0.00E+00
Use of non-renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	kg	2.23E+00	7.02E-04	2.05E-02	4.78E+00	2.79E-01	7.31E+00	-1.01E+00
Use of renewable primary energy resources as raw materials	MJ	4.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-01	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of secondary materials	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Waste category indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Hazardous waste disposed	kg	1.47E+01	0.00E+00	3.96E-04	3.13E-02	9.28E-20	1.47E+01	1.39E-20
Non-hazardous waste disposed	kg	4.31E-01	1.32E-03	6.65E-03	1.21E-01	3.63E-05	5.60E-01	5.31E-20
Radioactive waste disposed	kg	1.15E-04	9.43E-07	7.98E-07	2.77E-05	2.58E-08	1.45E-04	0.00E+00

Output flow indicators

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

Biogenic carbon content


Packaging	Unit	Cardboard	Paper	Wood	Sum
Biogenic carbon content (ratio)	%	2.80E+01	3.78E+01	3.95E+01	
Mass	kg	1.86E-02	6.23E-04	5.50E-03	2.47E-02
Biogenic carbon content (declared unit)	kg of C	5.20E-03	2.36E-04	2.17E-03	7.61E-03
Biogenic carbon content (functional unit)	kg of C	5.20E-03	2.36E-04	2.17E-03	7.61E-03
Source		ADEME	APESA/RECORD	EN 16485	

Product	Unit	Cardboard	Paper	Wood	Sum
Mass	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (declared unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (functional unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Extrapolation rules

Environmental impact values for each phase and indicator are based on a Life Cycle Assessment (LCA) conducted for specific references in this product family covered by this PEP, as detailed in Annex I.

Verification

Registration N°: HAGE-00935-V01.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH37	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 11-2024	Validity period:	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006		
Internal <input checked="" type="radio"/> External <input type="radio"/>		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)		
PEPs are compliant with XP C08-100-1:2016 or EN 50693:2019		
The elements of the present PEP cannot be compared with elements from another program.		
Document in compliance with ISO 14025 : 2006 « Environmental labels and declarations. Type III environmental declarations »		
		

Nota :

The picture has no contractual value.

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

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

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

	Acidification (PEF-AP) - [mole of H+ eq.]	Climate change - Total (PEF-GWP) - [kg CO2 eq.]	Climate change-Biogenic (PEF-GWPb) - [kg CO2 eq.]	Climate change-Fossil (PEF-GWPF) - [kg CO2 eq.]	Climate change-Land use and land use change (PEF-GWPLU) - [kg CO2 eq.]	Components for reuse - [kg]	Ecotoxicity, freshwater (PEF-CTUe) - [CTUe]	Eutrophication, freshwater (PEF-EF _r) - [kg P eq.]	Eutrophication, marine (PEF-EF _m) - [kg N eq.]	Eutrophication, terrestrial (PEF-EF _t) - [mole of N eq.]	Exported Energy - [MJ]	Hazardous waste disposed - [kg]	Human toxicity, cancer (PEF-CTUh-c) - [CTUh]	Human toxicity, non-cancer (PEF-CTUhc) - [CTUh]	Ionising radiation, human health (PEF-HR) - [kg Bq U235 eq.]	Land use (PEF-LU)	Materials for energy recovery - [kg]	Materials for recycling - [kg]	Net use of fresh water - [m3]	Non hazardous waste disposed - [kg]	Non renewable primary energy used as energy - [MJ]	Non renewable primary energy used as raw material - [MJ]	Ozone depletion (PEF-ODP) - [kg CFC-11 eq.]	EF-particulate Matter (PEF-PM) - [incidence of diseases]	Photochemical ozone formation - human health (PEF-POCP) - [kg of NMVOC eq.]	Radioactive waste disposed - [kg]	Renewable primary energy used as energy - [MJ]	Renewable primary energy used as raw material - [MJ]	Resource use, fossils (PEF-ADPI) - [MJ]	Resource use, minerals and metals (PEF-ADPe) - [kg Sb eq.]	Total non renewable primary energy - [MJ]	Total primary energy - [MJ]	Total renewable primary energy - [MJ]	Use of non renewable secondary fuels - [MJ]	Use of renewable secondary fuels - [MJ]	Use of secondary material [kg]	Water use (PEF-WU) - [m3 eq.]	
GS20009016	2.75E+02	1.93E+00	2.00E+02	1.91E+00	4.36E+05	0.00E+00	2.43E+02	5.92E-04	1.81E+03	1.82E+02	1.85E+03	1.47E+01	5.04E+07	3.62E+07	3.30E+01	1.81E+00	2.91E+03	9.14E+02	4.06E+02	4.31E+01	2.95E+01	4.94E+00	1.38E+07	1.69E+07	6.31E+03	1.15E+04	2.22E+00	4.47E+01	3.40E+01	4.12E-04	3.40E+01	3.87E+01	2.88E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00	
SNS216	4.99E+03	9.37E+01	2.37E+01	5.93E+01	1.46E+05	0.00E+00	8.90E+02	3.96E+02	4.67E-04	5.00E+02	6.22E-04	1.99E+00	8.16E+08	5.93E+00	4.47E+00	1.17E+01	8.43E-04	8.99E+03	5.71E+03	1.19E+01	1.01E+03	1.50E+00	2.32E+08	3.00E+04	8.81E+03	3.07E+00	4.95E+01	1.41E+01	1.16E+01	1.24E-04	1.16E+01	1.32E+01	1.96E+01	0.00E+00	0.00E+00	0.00E+00	2.45E+01	
47063515.00	2.90E+03	3.44E+01	2.11E+02	3.69E+01	3.12E+05	0.00E+00	2.54E+02	4.83E+02	3.15E-04	3.42E+03	6.29E-04	9.48E+01	1.44E+07	2.69E+00	3.32E+00	1.42E+01	8.50E-04	9.01E+03	4.15E+02	1.34E+01	5.54E+00	1.84E+00	1.51E+08	1.98E+04	1.11E+03	1.78E+00	3.18E+01	3.68E+01	7.38E+00	1.50E-04	7.38E+00	8.00E+00	8.81E+01	0.00E+00	0.00E+00	0.00E+00	1.79E+00	
47063522.00	3.00E+03	3.20E+01	4.38E+02	3.64E+01	2.70E+05	0.00E+00	2.95E+02	4.93E+02	3.98E-04	3.58E+03	7.48E-04	9.48E+01	1.44E+07	2.69E+00	3.32E+00	1.42E+01	8.50E-04	9.01E+03	4.15E+02	1.34E+01	5.54E+00	1.84E+00	1.51E+08	1.98E+04	1.11E+03	1.78E+00	3.18E+01	3.68E+01	7.38E+00	1.50E-04	7.38E+00	8.00E+00	8.81E+01	0.00E+00	0.00E+00	0.00E+00	1.79E+00	
47063525.00	3.00E+03	3.20E+01	4.38E+02	3.64E+01	2.70E+05	0.00E+00	2.95E+02	4.93E+02	3.98E-04	3.58E+03	7.48E-04	9.48E+01	1.44E+07	2.69E+00	3.32E+00	1.42E+01	8.50E-04	9.01E+03	4.15E+02	1.34E+01	5.54E+00	1.84E+00	1.51E+08	1.98E+04	1.11E+03	1.78E+00	3.18E+01	3.68E+01	7.38E+00	1.50E-04	7.38E+00	8.00E+00	8.81E+01	0.00E+00	0.00E+00	0.00E+00	1.79E+00	
47063535.00	2.79E+02	3.35E+01	2.72E+02	3.95E+01	2.24E+05	0.00E+00	2.63E+02	4.93E+02	3.02E-04	3.29E+03	7.02E-04	9.93E+01	1.46E+07	2.72E+00	3.35E+00	1.42E+01	9.93E-04	7.93E+03	4.15E+02	1.11E+01	6.29E+00	1.86E+00	1.59E+08	1.91E+04	1.05E+03	2.48E+00	3.75E+01	4.89E+01	6.09E+00	1.16E-04	6.09E+00	6.91E+00	8.91E+01	0.00E+00	0.00E+00	0.00E+00	1.79E+00	
47236084.00	7.23E+03	9.37E+01	3.08E+02	9.67E+01	2.70E+05	0.00E+00	4.36E+01	4.50E+02	6.88E-04	7.33E+03	9.24E-04	1.02E+00	1.51E+07	4.85E+00	3.55E+00	1.26E+01	1.25E+03	3.04E+02	5.00E+02	2.09E+01	2.02E+01	1.97E+00	8.52E+07	3.70E+04	3.49E+03	1.28E-04	2.45E+01	6.79E+01	3.09E+01	1.71E+05	3.08E+01	3.17E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	2.15E+00	
47236086.00	5.98E+03	8.87E+01	3.12E+02	7.18E+01	2.70E+05	0.00E+00	4.09E+01	4.45E+02	3.24E-04	5.56E+03	8.82E-04	1.02E+00	1.60E+07	2.74E+00	3.49E+00	1.22E+01	1.19E+03	3.04E+02	4.97E+02	2.05E+01	2.03E+01	1.94E+00	8.52E+07	2.87E+04	2.16E+03	9.95E+00	2.48E+01	6.74E+01	2.48E+01	1.83E+05	2.48E+01	2.57E+01	9.20E+01	0.00E+00	0.00E+00	0.00E+00	2.13E+00	
47238989.00	4.67E+03	8.70E+01	2.84E+02	6.21E+01	2.70E+05	0.00E+00	4.05E+01	4.44E+02	5.14E-04	5.48E+03	8.76E-04	1.02E+00	1.60E+07	2.74E+00	3.49E+00	1.22E+01	1.19E+03	3.04E+02	4.97E+02	2.05E+01	2.03E+01	1.94E+00	8.52E+07	2.87E+04	2.16E+03	9.95E+00	2.48E+01	6.74E+01	2.48E+01	1.83E+05	2.48E+01	2.57E+01	9.20E+01	0.00E+00	0.00E+00	0.00E+00	2.13E+00	
47383505.00	9.93E+03	8.27E+01	4.23E+02	8.89E+01	7.34E+05	0.00E+00	2.83E+02	1.02E+04	8.97E-04	8.10E+03	1.54E+03	2.93E+00	1.81E+07	3.97E+00	7.29E+00	2.91E+01	2.09E+03	1.80E+02	4.87E+02	2.85E+01	1.99E+01	5.00E+00	6.23E+08	6.74E+04	2.51E+03	6.89E+00	1.28E+00	7.84E+01	1.89E+01	1.39E+04	1.89E+01	2.09E+01	2.01E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+00	
47403512.00	3.72E+03	5.99E+01	3.07E+02	5.37E+01	8.93E+07	0.00E+00	2.95E+02	5.16E+02	4.95E-04	5.00E+03	1.22E+03	9.68E+01	1.44E+07	2.44E+00	6.88E+00	1.62E+01	1.65E+03	1.08E+02	4.37E+02	1.45E+01	8.88E+00	8.81E+00	1.74E+08	2.98E+04	1.62E+03	2.03E+00	4.78E+01	5.97E+01	1.33E+01	1.69E+05	1.33E+01	1.43E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00	
47403515.00	3.17E+03	5.28E+01	1.48E+02	5.43E+01	7.29E+07	0.00E+00	2.95E+02	5.16E+02	4.95E-04	4.96E+04	5.03E+03	1.13E+03	9.89E+01	1.44E+07	2.85E+00	5.77E+00	1.62E+01	1.53E+03	1.07E+02	4.37E+02	1.45E+01	8.88E+00	4.83E+00	1.73E+08	2.81E+04	1.63E+03	2.03E+00	4.78E+01	5.97E+01	1.33E+01	1.69E+05	1.33E+01	1.43E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
47413515.00	4.77E+03	9.05E+01	3.14E+02	6.24E+01	1.47E+05	0.00E+00	2.95E+02	5.16E+02	4.95E-04	6.13E+04	6.82E+03	1.29E+03	1.91E+00	1.54E+07	4.82E+00	3.30E+00	2.93E+01	1.38E+03	3.69E+02	5.47E+02	1.89E+01	2.00E+01	1.65E+00	1.94E+08	2.87E+04	1.63E+03	2.03E+00	4.78E+01	5.97E+01	1.33E+01	1.69E+05	1.33E+01	1.43E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
47442045.00	6.94E+03	7.80E+01	3.46E+02	8.34E+01	1.47E+05	0.00E+00	4.05E+01	5.18E+02	6.13E-04	6.82E+03	1.06E+03	1.91E+00	1.54E+07	4.82E+00	3.30E+00	2.93E+01	1.38E+03	3.69E+02	5.47E+02	1.89E+01	2.00E+01	1.65E+00	1.94E+08	2.87E+04	1.63E+03	2.03E+00	4.78E+01	5.97E+01	1.33E+01	1.69E+05	1.33E+01	1.43E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00	
47442089.00	5.12E+03	7.69E+01	2.45E+02	7.91E+01	1.47E+05	0.00E+00	4.03E+01	4.52E+02	5.96E-04	8.39E+03	8.35E-04	1.01E+00	1.51E+07	4.82E+00	2.88E+00	1.65E+01	1.13E+03	3.59E+02	4.95E+02	1.94E+01	2.02E+01	1.91E+00	8.07E+07	2.93E+04	2.09E+03	8.89E+00	7.47E+01	5.92E+01	2.92E+01	1.73E+00	2.84E+01	2.82E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00	
47516084.00	1.96E+03	1.51E+00	2.88E+02	1.53E+00	2.29E+05	0.00E+00	4.86E+01	4.58E+02	1.03E+03	1.14E+02	9.72E-04	1.19E+00	1.51E+07	5.15E+00	2.92E+00	1.91E+01	1.32E+03	3.05E+02	4.84E+02	2.86E+01	4.21E+01	2.16E+00	9.15E+07	5.51E+04	6.23E+03	1.80E-04	7.89E+01	6.09E+01	4.42E+01	1.72E+05	4.42E+01	4.96E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00	
475501.00	4.46E+03	6.37E+01	2.81E+02	6.65E+01	2.70E+05	0.00E+00	4.03E+01	4.44E+02	4.81E-04	5.04E+03	7.81E-04	1.04E+00	1.60E+07	2.72E+00	3.79E+00	1.22E+01	1.03E+03	3.56E+02	4.91E+02	1.94E+01	2.28E+01	1.23E+00	8.41E+07	2.82E+04	1.91E+03	8.88E+00	1.18E+01	6.51E+01	2.41E+01	1.81E+00	2.41E+01	2.48E+01	7.89E+01	0.00E+00	0.00E+00	0.00E+00	2.11E+00	
47552045.00	5.34E+03	6.90E+01	3.14E+02	6.78E+01	4.86E+05	0.00E+00	3.08E+01	4.93E+02	4.81E-04	5.18E+03	7.58E-04	9.83E+01	1.51E+07	4.74E+00	3.96E+00	1.36E+01	1.03E+03	3.56E+02	4.91E+02	1.94E+01	2.28E+01	1.23E+00	8.41E+07	2.82E+04	1.91E+03	8.88E+00	1.18E+01	6.51E+01	2.41E+01	1.81E+00	2.41E+01	2.48E+01	7.89E+01	0.00E+00	0.00E+00	0.00E+00	2.11E+00	
47552089.00	5.10E+02	6.48E+01	2.89E+02	6.77E+01	4.86E+05	0.00E+00	3.96E+01	4.48E+02	4.86E-04	5.27E+03	7.93E-04	9.82E+01	1.51E+07	4.75E+00	3.97E+00	1.36E+01	1.02E+03	3.56E+02	4.92E+02	1.95E+01	2.30E+01	1.39E+00	8.05E+07	2.92E+04	1.83E+03	6.99E+00	3.11E+01	5.84E+01	2.44E+01	1.79E+05	2.44E+01	2.53E+01	8.95E+01	0.00E+00	0.00E+00	0.00E+00	1.95E+00	
4755.00	4.49E+03	8.93E+01	2.81E+02	6.65E+01	2.70E+05	0.00E+00	4.04E+01	4.44E+02	4.80E-04	5.02E+03	7.81E-04	1.04E+00	1.60E+07	2.72E+00	3.79E+00	1.22E+01	1.03E+03	3.56E+02	4.92E+02	1.94E+01	2.28E+01	1.23E+00	8.41E+07	2.82E+04	1.91E+03	8.88E+00	1.18E+01	6.51E+01	2.41E+01	1.81E+00	2.41E+01	2.48E+01	7.89E+01	0.00E+00	0.00E+00	0.00E+00	2.11E+00	
47633525.00	4.25E+03	5.90E+01	2.84E+02	5.76E+01	3.18E+05	0.00E+00	2.84E+02	5.30E+02	4.72E-04	5.29E+03	1.25E+03	9.16E+01	1.37E+07	4.89E+00	5.00E+00	1.75E+01	1.70E+03	9.12E+02	4.30E+02	1.19E+01	1.02E+01	4.79E+00	2.92E+08	2.80E+04	1.73E+03	2.98E+00	5.92E+01	5.44E+01	1.92E+01	1.57E+04	1.84E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00		
47703525.00	8.86E+03	1.13E+00	4.00E+02	1.16E+00	7.93E+07	0.00E+00	4.88E+02	1.35E+04	1.23E+03	1.																												

SN116	8.87E-03	9.41E-01	3.03E-02	9.71E-01	8.89E-07	0.00E+00	1.38E-03	1.08E-04	9.37E-04	1.02E-02	1.04E-03	2.32E+00	3.54E-07	6.36E-08	5.88E+00	1.97E-01	1.40E-03	1.78E-02	7.45E-03	1.82E-01	1.60E+01	1.84E+00	3.95E-08	5.32E-08	3.02E-03	3.78E-05	4.62E-01	5.03E-01	1.79E+01	3.58E-05	1.77E+01	1.88E+01	9.80E-01	0.00E+00	0.00E+00	9.77E-05	3.20E-01	
SN216	5.88E-03	8.07E-01	2.71E-02	6.32E-01	1.45E-08	0.00E+00	8.07E-02	4.02E-08	5.17E-04	5.62E-03	8.00E-04	2.28E+00	1.46E-07	6.45E-08	5.42E+00	1.29E-01	1.08E-03	8.33E-03	6.20E-03	1.32E-01	1.07E+01	1.56E+00	2.98E-08	3.52E-08	1.77E-03	3.98E-05	5.10E-01	4.73E-01	1.22E+01	1.28E-04	1.22E+01	1.13E-01	9.80E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-01	
SNS016	6.10E-03	8.02E-01	2.49E-02	6.27E-01	1.98E-05	0.00E+00	8.84E-02	1.36E-04	5.34E-04	5.71E-03	7.68E-04	2.64E+00	2.89E-07	8.40E-08	7.13E-04	3.21E-01	1.04E-03	2.16E-02	8.37E-03	1.54E-01	9.84E+00	1.69E+00	2.92E-08	4.00E-08	1.84E-03	3.87E-05	4.58E-01	4.86E-01	1.17E+01	1.73E-04	1.11E+01	1.26E-01	3.26E-01	0.00E+00	0.00E+00	0.00E+00	3.59E-01	
WE122A	1.10E-02	1.12E+00	1.77E-02	1.13E+00	1.08E-04	0.00E+00	1.46E-02	6.25E-08	8.32E-04	9.77E-03	1.21E-03	3.14E+00	3.54E-07	1.25E-07	7.89E+00	4.50E-01	1.64E-03	1.18E-02	8.65E-03	1.84E+01	3.12E+00	6.32E-08	6.20E-08	3.81E-03	3.44E-04	1.02E+00	6.10E-01	2.14E+01	2.29E-04	2.11E+01	2.22E-01	1.16E+01	2.22E-01	1.63E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-01
WE122	1.04E-02	1.10E+00	1.88E-02	1.04E+00	1.11E-04	0.00E+00	1.45E-02	6.25E-08	8.32E-04	9.77E-03	1.21E-03	3.14E+00	3.54E-07	1.25E-07	7.89E+00	4.50E-01	1.64E-03	1.18E-02	8.65E-03	1.84E+01	3.12E+00	6.32E-08	6.20E-08	3.81E-03	3.44E-04	1.02E+00	6.10E-01	2.14E+01	2.29E-04	2.11E+01	2.22E-01	1.16E+01	2.22E-01	1.63E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-01
WE123A	1.70E-02	1.71E+00	2.86E-02	1.73E+00	1.94E-04	0.00E+00	2.14E-02	9.38E-08	1.38E-03	1.62E-02	1.87E-03	4.71E+00	5.31E-07	1.87E-07	1.16E+01	6.88E-01	2.53E-03	1.77E-02	1.02E+00	2.83E+01	4.84E+00	1.31E-07	9.70E-08	5.59E-03	5.22E-04	1.55E+00	9.49E-01	3.32E+01	3.34E-04	3.32E+01	3.37E+01	2.50E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-01		
WE123	1.81E-03	1.59E+00	3.02E-02	1.58E+00	1.87E-04	0.00E+00	2.12E-02	9.38E-08	1.39E-03	1.62E-02	1.87E-03	4.80E+00	5.31E-07	1.88E-07	1.16E+01	6.92E-01	2.54E-03	1.77E-02	1.02E+00	2.83E+01	4.84E+00	1.31E-07	9.70E-08	5.59E-03	5.22E-04	1.55E+00	9.49E-01	3.32E+01	3.34E-04	3.32E+01	3.37E+01	2.50E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-01		
WH105853E	1.86E-01	1.52E-01	3.58E-03	1.56E-01	3.00E-05	0.00E+00	2.50E-02	1.02E-04	1.20E-04	3.88E-04	7.91E-01	7.22E-09	1.72E-08	1.93E+00	3.22E+00	2.54E-04	1.57E-03	2.61E-03	4.30E-02	2.94E-02	4.02E-01	8.1E-09	1.04E-01	4.32E-04	1.65E-05	1.02E-01	8.47E-02	2.02E+00	9.47E-06	2.92E+00	3.10E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	1.12E-01		
WH105853F	2.94E-03	2.10E-01	1.05E-02	2.93E-01	3.00E-05	0.00E+00	2.50E-02	1.02E-04	1.20E-04	3.88E-04	7.91E-01	7.22E-09	1.72E-08	1.93E+00	3.22E+00	2.54E-04	1.57E-03	2.61E-03	4.30E-02	2.94E-02	4.02E-01	8.1E-09	1.04E-01	4.32E-04	1.65E-05	1.02E-01	8.47E-02	2.02E+00	9.47E-06	2.92E+00	3.10E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	1.12E-01		
WH106453E	4.94E-03	3.57E-01	5.08E-03	3.52E-01	3.81E-05	0.00E+00	6.34E-02	3.22E-09	2.70E-04	2.98E-03	2.69E+00	1.03E-08	5.61E-08	5.98E+00	8.61E-02	4.99E-04	4.46E-03	8.50E-03	1.01E-03	5.31E+00	9.07E-01	2.95E-08	3.02E-08	1.98E-03	3.75E-05	2.18E-01	3.63E-02	6.21E+00	3.04E-05	6.21E+00	6.47E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	3.65E-01		
WH106453F	5.31E-03	4.29E-01	5.93E-03	4.24E-01	3.91E-05	0.00E+00	6.35E-02	3.24E-09	3.10E-04	3.41E-03	4.48E-04	3.32E+00	1.03E-08	5.70E-08	5.98E+00	8.68E-02	6.03E-04	7.47E-03	9.21E-03	1.23E-03	6.17E+00	9.08E-01	4.48E-08	4.33E-08	1.25E-03	5.18E-06	2.29E-01	4.46E-02	7.17E+00	3.91E-06	7.79E+00	7.97E+00	2.74E-01	0.00E+00	0.00E+00	0.00E+00	3.96E-01	
WH106457E	5.27E-03	5.16E-01	4.17E-03	3.20E-01	4.77E-05	0.00E+00	4.82E-02	3.28E-09	2.62E-04	2.88E-03	2.47E+00	1.08E-08	8.85E-08	6.55E-09	9.47E-02	5.91E-04	4.99E-03	9.11E-03	1.06E-01	5.24E+00	7.45E-01	2.96E-08	3.18E-08	1.02E-03	4.15E-05	2.33E-01	1.62E-01	5.18E+00	3.28E-05	5.94E+00	6.37E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	3.91E-01		
WH11580300A	2.12E-03	2.32E-01	7.17E-03	2.38E-01	3.88E-08	0.00E+00	2.85E-02	3.68E-08	1.94E-04	2.05E-03	3.02E-04	8.32E-01	7.97E-09	1.76E-08	2.10E+00	1.17E-02	4.11E-04	1.71E-03	4.82E-03	9.20E-03	4.95E+00	8.75E-01	3.52E-08	1.42E-08	1.27E-04	3.92E-05	1.46E-01	1.89E-01	5.18E+00	8.54E-06	5.18E+00	5.91E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	3.26E-01	
WH11580300C	3.46E-03	4.21E-01	4.25E-02	3.48E-01	3.00E-05	0.00E+00	2.58E-02	1.12E-05	3.56E-04	3.79E-03	6.02E-04	1.36E+00	9.08E-09	1.91E-08	2.10E+00	3.36E-02	8.18E-04	4.71E-03	9.43E-03	2.00E-01	8.97E+00	1.12E-07	3.46E-08	1.41E-03	1.02E-04	5.96E-01	3.99E-01	1.02E-01	1.75E-05	1.02E-01	1.15E+01	1.26E+00	0.00E+00	0.00E+00	4.27E-01			
WH11585300C	3.49E-03	4.27E-01	3.58E-03	4.22E-01	3.89E-08	0.00E+00	2.53E-02	1.12E-05	3.39E-04	3.72E-03	5.04E-04	1.39E+00	7.94E-09	1.91E-08	2.20E+00	3.39E-02	8.83E-04	4.69E-03	1.01E-02	1.99E-01	8.97E+00	1.25E+00	1.12E-07	3.55E-08	1.39E-03	9.61E-05	1.39E+00	1.89E-01	1.11E+01	1.74E-05	1.11E+01	1.27E-01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-01	
WH11996200A	4.71E-03	4.33E-01	4.68E-03	4.26E-01	5.88E-05	0.00E+00	5.01E-02	2.89E-05	3.54E-04	4.00E-03	4.50E-04	1.96E+00	5.45E-09	4.15E-08	4.02E+00	6.32E-02	6.09E-04	4.28E-03	9.33E-03	1.39E-01	1.08E+01	1.20E+00	6.24E-08	3.27E-08	1.37E-03	5.57E-05	1.81E+00	1.08E-01	1.18E+01	2.28E-05	1.16E+01	1.37E-01	1.92E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-01	
WH11625300C	5.72E-03	3.76E-01	5.72E-03	5.69E-01	3.81E-05	0.00E+00	4.19E-02	2.31E-05	4.89E-04	5.18E-03	6.91E-04	2.53E+00	9.04E-09	4.27E-08	4.99E+00	6.96E-02	9.38E-04	6.79E-03	1.50E-02	2.56E-01	1.81E+00	1.81E+00	1.37E-07	5.10E-08	1.20E-03	1.21E-04	2.07E+00	2.21E-01	1.52E+00	1.52E+00	1.47E+00	2.29E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-01		
WH11642300C	7.17E-03	6.89E-01	6.43E-03	6.86E-01	3.81E-05	0.00E+00	4.26E-02	3.37E-05	4.81E-04	6.25E-03	8.16E-04	3.30E+00	1.29E-09	6.80E-08	6.79E+00	9.38E-02	1.39E-03	1.03E-02	1.73E-02	2.94E-01	1.50E+00	1.80E+00	1.64E-07	6.07E-08	1.28E-03	1.21E-04	2.07E+00	2.21E-01	1.52E+00	1.52E+00	1.47E+00	2.29E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-01		
WH11642305C	7.06E-03	6.83E-01	6.96E-03	6.76E-01	3.81E-05	0.00E+00	4.39E-02	3.30E-05	5.45E-04	6.03E-03	7.77E-04	3.30E+00	1.08E-09	5.84E-08	6.57E-08	8.79E-02	1.06E-03	7.85E-03	1.70E-02	2.84E-01	1.48E+00	1.93E+00	1.44E-07	6.01E-08	1.21E-03	1.32E-04	2.08E+00	2.28E-01	1.67E-01	3.93E-05	1.87E+00	1.90E+00	2.31E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-01	
WH11642700A	6.15E-03	4.54E-01	3.31E-03	4.58E-01	4.77E-05	0.00E+00	4.80E-02	3.31E-05	3.89E-04	4.29E-03	6.00E-04	2.84E+00	1.05E-09	8.88E-08	6.97E-08	9.71E-02	8.12E-04	5.17E-03	1.27E-02	1.88E-01	9.49E+00	1.18E+00	7.36E-08	3.98E-08	1.59E-03	7.99E-05	1.22E+00	2.51E-01	1.07E-01	3.29E-05	1.07E-01	1.21E-01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-01	
WH11642700C	7.02E-03	6.87E-01	4.91E-03	6.92E-01	4.77E-05	0.00E+00	4.64E-02	3.38E-05	3.80E-04	3.63E-03	8.97E-04	3.53E+00	1.21E-09	6.95E-08	7.15E+00	9.83E-02	1.26E-03	8.43E-03	1.89E-02	3.21E-01	1.98E+00	1.88E+00	1.64E-07	6.32E-08	2.42E-03	1.53E-04	2.10E+00	4.78E-01	1.79E+01	1.45E+00	1.75E+01	2.04E+00	2.97E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-01	
WH12580300P	3.49E-03	4.21E-01	4.25E-02	3.48E-01	3.00E-05	0.00E+00	2.58E-02	1.12E-05	3.56E-04	3.79E-03	6.02E-04	1.36E+00	9.08E-09	1.91E-08	2.10E+00	3.36E-02	8.18E-04	4.71E-03	9.43E-03	2.00E-01	8.97E+00	1.12E-07	3.46E-08	1.41E-03	1.02E-04	5.96E-01	3.99E-01	1.02E-01	1.75E-05	1.02E-01	1.15E+01	1.26E+00	0.00E+00	0.00E+00	4.27E-01			
WH12640300P	8.89E-03	9.16E-01	1.54E-02	9.02E-01	3.90E-05	0.00E+00	2.75E-02	3.32E-09	7.92E-04	7.75E-03	1.11E-03	2.75E+00	1.74E-09	5.85E-08	6.27E+00	9.09E-02	1.51E-03	5.43E-03	2.56E-02	4.44E-01	1.48E+00	3.64E+00	2.54E-07	5.18E-08	3.16E-03	2.53E-04	3.94E-01	4.59E-01	1.83E-01	3.18E-05	1.81E+00	1.93E+00	1.93E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00	
WH14642300Q	9.22E-03	1.07E+00	7.88E-03	1.06E+00	3.81E-05	0.00E+00	6.22E-02	3.49E-09	8.70E-04	3.96E-03	1.54E-03	3.38E+00	1.15E-09	5.99E-08	6.78E+00	8.61E-02	2.09E-03	8.74E-03	2.88E-02	4.78E-01	2.20E-01	4.68E+00	2.88E-07	7.37E-08	3.56E-03	2.63E-04	2.94E+00	4.93E-01	2.87E-01	3.95E-06	2.87E-01	2.97E+00	3.02E+00	0.00E+00	0.00E+00	1.19E+00		
WH20580300A	2.91E-03	2.79E-01	6.78E-03	2.86E-01	3.88E-08	0.00E+00	2.81E-02	3.68E-08	2.35E-04	2.45E-03	3.76E-04	8.32E-01	8.06E-09	1.77E-08	2.10E+00	1.17E-02	4.09E-04	1.73E-03	6.50E-03	1.19E-01	5.32E+00	9.03E-01	5.81E-08	1.61E-08	9.16E-04	5.78E-05	1.52E-01	2.32E-01	6.22E+00	9.54E-06	6.22E+00	6.81E+00	3.84E-01	0.00E+00	0.00E+00	0.00E+00	7.92E-01	
WH20580300B	2																																					

WH25625700C	6.51E-03	6.45E-01	1.74E-02	6.62E-01	4.77E-08	0.00E+00	4.31E-02	2.78E-05	5.98E-04	5.98E-03	6.86E-04	2.74E-05	1.28E-04	4.87E-08	5.39E-05	6.09E-02	1.20E-03	7.29E-03	1.78E-02	3.99E-01	1.39E-01	1.90E-05	1.63E-07	5.45E-08	2.35E-03	1.50E-04	1.42E-06	6.29E-01	1.58E-01	3.25E-05	1.58E-01	1.79E-01	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-01
WH25640100C	7.62E-03	6.96E-01	1.89E-02	6.74E-01	3.79E-08	0.00E+00	6.55E-02	3.34E-05	6.99E-04	6.92E-03	1.04E-03	3.34E-05	1.46E-05	5.99E-08	6.39E-05	6.79E-02	1.40E-03	8.16E-03	1.92E-02	3.99E-01	1.39E-01	1.90E-05	1.63E-07	5.45E-08	2.35E-03	1.50E-04	1.42E-06	6.29E-01	1.58E-01	3.25E-05	1.58E-01	1.79E-01	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-01
WH25640300C	7.42E-03	5.18E-01	1.79E-02	7.36E-01	3.81E-08	0.00E+00	6.40E-02	3.30E-05	6.60E-04	6.32E-03	1.07E-03	3.34E-05	1.43E-05	5.94E-08	6.21E-05	6.69E-02	1.32E-03	8.09E-03	1.88E-02	3.99E-01	1.22E-01	2.15E-05	1.71E-07	5.99E-08	2.44E-03	1.57E-04	4.00E-01	6.39E-01	1.44E-01	3.31E-05	1.44E-01	1.55E-01	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-01
WH25640303C	7.30E-03	7.27E-01	1.94E-02	7.18E-01	3.81E-08	0.00E+00	6.39E-02	3.29E-05	5.79E-04	6.16E-03	8.20E-04	3.34E-05	1.09E-05	5.84E-08	6.25E-05	6.72E-02	1.11E-03	7.91E-03	1.87E-02	3.99E-01	1.32E-01	2.22E-05	1.71E-07	5.99E-08	2.37E-03	1.52E-04	4.00E-01	6.39E-01	1.44E-01	3.32E-05	1.54E-01	1.87E-01	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-01
WH25640304C	7.30E-03	7.27E-01	1.94E-02	7.18E-01	3.81E-08	0.00E+00	6.39E-02	3.29E-05	5.79E-04	6.16E-03	8.20E-04	3.34E-05	1.09E-05	5.84E-08	6.25E-05	6.72E-02	1.11E-03	7.91E-03	1.87E-02	3.99E-01	1.32E-01	2.22E-05	1.71E-07	5.99E-08	2.37E-03	1.52E-04	4.00E-01	6.39E-01	1.44E-01	3.32E-05	1.54E-01	1.87E-01	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-01
WH25640305C	7.44E-03	7.21E-01	1.78E-02	7.39E-01	3.81E-08	0.00E+00	6.40E-02	3.32E-05	6.12E-04	6.50E-03	9.78E-04	3.34E-05	1.43E-05	5.85E-08	6.38E-05	6.72E-02	1.32E-03	8.09E-03	1.88E-02	3.99E-01	1.39E-01	2.20E-05	1.70E-07	5.99E-08	2.45E-03	1.57E-04	4.02E-01	6.39E-01	1.47E-01	3.32E-05	1.57E-01	1.73E-01	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-01
WH25640500C	7.80E-03	7.50E-01	2.07E-02	7.71E-01	4.93E-08	0.00E+00	4.78E-02	3.36E-05	5.80E-04	6.15E-03	1.03E-03	3.52E-05	1.39E-05	6.18E-08	6.73E-05	6.96E-02	1.45E-03	8.09E-03	1.87E-02	2.99E-01	1.29E-01	1.95E-05	1.32E-06	6.93E-08	2.45E-03	1.57E-04	6.29E-01	6.21E-01	1.48E-01	4.18E-05	1.48E-01	1.80E-01	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-01
WH25640700C	7.80E-03	6.78E-01	1.74E-02	6.92E-01	4.77E-08	0.00E+00	4.89E-02	3.35E-05	5.80E-04	6.12E-03	9.84E-04	3.52E-05	1.39E-05	6.09E-08	6.65E-05	6.97E-02	1.42E-03	8.35E-03	1.94E-02	3.99E-01	1.22E-01	1.99E-05	1.70E-07	5.97E-08	2.41E-03	1.56E-04	4.02E-01	6.39E-01	1.47E-01	4.18E-05	1.47E-01	1.82E-01	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-01
WH25640705C	7.00E-03	6.80E-01	1.90E-02	6.89E-01	4.77E-08	0.00E+00	4.85E-02	3.37E-05	5.80E-04	6.05E-03	9.28E-04	3.52E-05	1.01E-05	6.09E-08	6.65E-05	6.97E-02	1.12E-03	8.35E-03	1.94E-02	3.99E-01	1.31E-01	2.00E-05	1.68E-07	6.93E-08	2.32E-03	1.53E-04	1.04E-06	6.31E-01	1.58E-01	3.32E-05	1.58E-01	1.73E-01	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-01
WH25645300C	7.44E-03	7.21E-01	1.78E-02	7.39E-01	3.81E-08	0.00E+00	6.40E-02	3.34E-05	6.09E-04	6.48E-03	9.68E-04	3.34E-05	1.43E-05	5.85E-08	6.41E-05	6.72E-02	1.31E-03	8.09E-03	1.88E-02	3.15E-01	1.37E-01	2.12E-05	1.68E-07	6.93E-08	2.45E-03	1.55E-04	4.02E-01	6.39E-01	1.47E-01	3.32E-05	1.57E-01	1.73E-01	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-01
WH25645305C	7.32E-03	7.29E-01	1.93E-02	7.19E-01	3.81E-08	0.00E+00	6.39E-02	3.33E-05	5.79E-04	6.30E-03	9.04E-04	3.34E-05	1.09E-05	5.85E-08	6.45E-05	6.78E-02	1.09E-03	7.99E-03	1.85E-02	3.97E-01	1.46E-01	2.16E-05	1.69E-07	6.93E-08	2.37E-03	1.49E-04	1.68E-06	2.95E-01	1.97E-01	3.93E-05	1.87E-01	1.87E-01	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-01
WH25645700C	7.49E-03	6.83E-01	1.98E-02	6.72E-01	4.77E-08	0.00E+00	4.87E-02	3.35E-05	5.44E-04	6.52E-03	9.16E-04	3.52E-05	1.02E-05	6.08E-08	6.72E-05	6.97E-02	1.10E-03	8.35E-03	1.92E-02	3.99E-01	1.32E-01	1.94E-05	1.68E-07	6.93E-08	2.32E-03	1.50E-04	1.18E-06	2.69E-01	1.52E-01	4.14E-05	1.52E-01	1.68E-01	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-01
WH25915600C	7.98E-03	1.02E-06	8.03E-03	9.94E-01	7.19E-08	0.00E+00	5.10E-02	2.29E-05	8.13E-04	8.69E-03	1.12E-03	2.72E-05	1.97E-05	3.87E-08	4.68E-05	4.97E-02	1.25E-03	9.20E-03	2.54E-02	4.92E-01	2.24E-01	3.17E-05	2.92E-07	7.32E-08	3.34E-03	2.48E-04	2.86E-06	6.21E-01	2.65E-01	3.38E-05	2.55E-01	2.90E-01	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-01
WH25915800C	1.15E-03	1.90E-06	2.97E-03	1.51E-06	4.99E-08	0.00E+00	4.02E-02	1.17E-03	1.27E-03	1.03E-03	6.79E-05	3.50E-07	4.67E-05	1.33E-01	2.61E-03	2.79E-02	7.97E-01	3.41E-01	3.29E-01	4.07E-07	1.67E-07	1.94E-03	3.43E-01	3.15E-06	4.79E-01	3.47E-01	3.96E-01	4.79E-01	3.47E-01	3.96E-01	4.79E-01	3.47E-01	3.96E-01	4.79E-01	3.47E-01	3.96E-01	4.79E-01	3.47E-01
WH25916600C	8.75E-03	8.52E-01	9.37E-02	8.42E-01	3.81E-08	0.00E+00	6.43E-02	3.32E-05	7.95E-04	6.01E-03	1.05E-03	3.82E-05	1.29E-05	6.09E-08	6.39E-05	6.75E-02	1.45E-03	1.03E-02	2.55E-02	4.32E-01	1.79E-01	2.30E-05	2.64E-07	6.97E-08	3.19E-03	2.27E-04	9.05E-01	5.99E-01	1.39E-01	4.53E-05	1.39E-01	2.14E-01	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
WH26640300C	3.96E-03	5.17E-01	1.73E-03	5.16E-01	3.80E-08	0.00E+00	2.55E-02	1.02E-05	4.07E-04	4.33E-03	6.09E-04	1.36E-05	7.19E-05	1.93E-05	1.98E-05	3.33E-02	8.25E-04	4.72E-03	1.32E-02	2.44E-01	3.98E-01	1.71E-05	1.58E-07	3.71E-01	1.72E-01	1.34E-04	6.72E-01	2.62E-01	1.16E-01	1.74E-05	1.16E-01	1.25E-01	1.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-01
WH26640303C	7.80E-03	7.44E-01	1.80E-02	7.62E-01	3.81E-08	0.00E+00	6.41E-02	3.29E-05	6.24E-04	6.33E-03	1.04E-03	3.33E-05	1.44E-05	5.89E-08	6.16E-05	6.72E-02	1.39E-03	8.15E-03	1.93E-02	3.99E-01	1.32E-01	2.29E-05	1.68E-07	6.93E-08	2.35E-03	1.63E-04	2.27E-01	6.64E-01	1.47E-01	3.31E-05	1.47E-01	1.86E-01	8.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-01
WH26640700C	7.80E-03	6.78E-01	1.74E-02	6.92E-01	4.77E-08	0.00E+00	4.85E-02	3.33E-05	5.80E-04	6.12E-03	9.84E-04	3.52E-05	1.39E-05	6.09E-08	6.65E-05	6.97E-02	1.42E-03	8.35E-03	1.94E-02	3.99E-01	1.22E-01	1.99E-05	1.70E-07	5.97E-08	2.41E-03	1.56E-04	4.02E-01	6.39E-01	1.47E-01	4.18E-05	1.47E-01	1.82E-01	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-01
WH27580300C	4.01E-03	5.04E-01	1.19E-02	5.18E-01	3.80E-08	0.00E+00	2.55E-02	1.11E-05	4.25E-04	4.44E-03	7.28E-04	1.39E-05	9.20E-05	1.94E-05	2.12E-05	3.33E-02	9.88E-04	4.89E-03	1.32E-02	2.44E-01	3.98E-01	1.68E-05	1.55E-07	3.72E-01	1.75E-01	1.33E-04	6.24E-01	4.77E-01	1.16E-01	1.73E-05	1.16E-01	1.27E-01	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-01
WH27580306C	3.12E-03	5.04E-01	1.19E-02	4.94E-01	3.80E-08	0.00E+00	2.55E-02	1.15E-05	4.03E-04	4.29E-03	6.29E-04	1.39E-05	7.20E-05	1.93E-05	2.02E-05	3.35E-02	8.52E-04	4.74E-03	1.28E-02	2.38E-01	3.92E-01	1.73E-05	1.54E-07	3.70E-01	1.85E-01	1.31E-04	7.99E-01	2.95E-01	1.17E-01	1.73E-05	1.17E-01	1.27E-01	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-01
WH27583306C	4.01E-03	5.02E-01	1.19E-02	5.27E-01	5.91E-08	0.00E+00	2.55E-02	1.12E-05	4.29E-04	4.53E-03	6.86E-04	1.50E-05	7.23E-05	1.95E-05	2.09E-05	4.07E-02	9.84E-04	5.29E-03	1.31E-02	2.50E-01	1.09E-01	1.81E-05	1.59E-07	4.99E-08	1.76E-03	1.37E-04	9.12E-01	2.62E-01	1.27E-01	1.98E-05	1.27E-01	1.39E-01	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-01
WH27585300C	4.02E-03	5.02E-01	1.28E-02	5.17E-01	3.80E-08	0.00E+00	2.55E-02	1.14E-05	4.29E-04	4.53E-03	7.28E-04	1.39E-05	9.23E-05	1.94E-05	2.02E-05	3.33E-02	8.56E-04	4.89E-03	1.32E-02	2.49E-01	1.09E-01	1.81E-05	1.59E-07	4.99E-08	1.76E-03	1.37E-04	9.12E-01	2.62E-01	1.27E-01	1.98E-05	1.27E-01	1.39E-01	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-01
WH27585306C	3.91E-03	5.02E-01	1.27E-02	4.98E-01	3.80E-08	0.00E+00	2.55E-02	1.12E-05	4.09E-04	4.36E-03	6.29E-04	1.39E-05	7.20E-05	1.93E-05	2.17E-05	3.38E-02	8.52E-04	4.74E-03	1.27E-02	2.49E-01	1.09E-01	1.70E-05	1.51E-07	3.81E-01	1.87E-01	1.28E-04	1.26E-06	2.53E-01	1.28E-01	1.73E-05	1.26E-01	1.41E-01	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-01
WH27588306C	4.11E-03	5.37E-01	1.57E-02	5.26E-01	5.91E-08	0.00E+00	2.55E-02	1.15E-05	4.29E-04	4.52E-03	6.86E-04	1.50E-05	7.22E-05	1.97E-05	2.23E-05	4.10E-02	9.84E-04	5.29E-03	1.29E-02	2.52E-01	1.10E-01	1.77E-05	1.59E-07	4.92E-08	1.79E-03	1.34E-04	1.39E-06	2.56E-01	1.33E-01	1.98E-05	1.39E-01	1.53E-01	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-01
WH27593206C																																						

WH36912300Q	1.15E-02	2.45E-00	7.02E-02	2.38E-00	2.65E-04	0.00E+00	5.18E-02	5.07E-00	1.61E-03	1.72E-02	3.37E-03	2.73E-00	1.87E-07	6.89E-08	6.81E-00	9.27E-01	4.58E-03	1.15E-02	1.95E-02	2.32E-00	3.78E-01	1.50E-01	5.79E-08	8.16E-08	5.68E-03	1.32E-03	3.10E-00	3.34E-01	5.28E-01	3.55E-05	5.29E-01	5.60E-01	3.43E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-01						
WH36912303C	1.24E-02	2.32E-00	5.92E-02	2.26E-00	1.33E-04	0.00E+00	5.12E-02	2.72E-00	1.86E-03	1.97E-02	2.45E-03	1.68E-00	1.59E-08	4.56E-08	4.32E-00	4.70E-01	3.31E-03	1.62E-02	1.96E-02	2.40E-00	3.95E-01	8.39E-00	1.36E-07	9.19E-08	5.16E-03	1.67E-03	2.38E-00	2.43E-01	4.39E-01	1.99E-05	4.39E-01	4.65E-01	2.62E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-01						
WH36912303Q	9.98E-03	2.16E-00	5.88E-02	2.16E-00	2.18E-04	0.00E+00	5.15E-02	2.76E-00	1.86E-03	1.46E-03	1.53E-02	3.17E-03	2.16E-08	9.96E-08	5.66E-00	5.43E-00	4.66E-01	4.29E-03	8.79E-03	1.70E-02	1.98E-00	1.70E-07	1.42E-07	9.99E-08	4.87E-08	4.35E-00	4.36E-00	3.30E-01	1.74E-07	9.99E-08	6.55E-03	1.69E-03	2.37E-00	2.41E-01	4.49E-01	1.99E-05	4.96E-01	5.22E-01	2.61E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-01
WH36912349C	1.22E-02	2.39E-00	5.85E-02	2.40E-00	2.17E-04	0.00E+00	5.15E-02	3.81E-00	1.65E-03	1.74E-02	2.43E-03	1.70E-00	1.96E-08	4.87E-08	4.35E-00	4.66E-01	4.29E-03	8.79E-03	1.70E-02	1.98E-00	1.70E-07	1.42E-07	9.99E-08	4.87E-08	4.35E-00	4.36E-00	3.30E-01	1.74E-07	9.99E-08	6.55E-03	1.69E-03	2.37E-00	2.41E-01	4.49E-01	1.99E-05	4.96E-01	5.22E-01	2.61E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-01	
WH36912349Q	1.22E-02	2.39E-00	5.85E-02	2.40E-00	2.17E-04	0.00E+00	5.15E-02	3.81E-00	1.65E-03	1.74E-02	2.43E-03	1.70E-00	1.96E-08	4.87E-08	4.35E-00	4.66E-01	4.29E-03	8.79E-03	1.70E-02	1.98E-00	1.70E-07	1.42E-07	9.99E-08	4.87E-08	4.35E-00	4.36E-00	3.30E-01	1.74E-07	9.99E-08	6.55E-03	1.69E-03	2.37E-00	2.41E-01	4.49E-01	1.99E-05	4.96E-01	5.22E-01	2.61E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-01	
WH36912400C	1.31E-02	2.52E-00	6.85E-02	2.45E-00	1.40E-04	0.00E+00	5.12E-02	2.82E-00	1.98E-03	1.70E-02	2.44E-03	1.68E-00	1.55E-08	4.61E-08	4.34E-00	4.97E-01	3.30E-03	1.92E-02	1.86E-02	2.85E-00	3.81E-01	9.46E-00	1.42E-07	9.54E-08	5.98E-03	1.79E-03	2.48E-00	2.41E-01	4.79E-01	1.92E-05	4.79E-01	5.02E-01	2.72E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-01						
WH36912400Q	1.15E-02	2.45E-00	7.02E-02	2.38E-00	2.65E-04	0.00E+00	5.18E-02	5.07E-00	1.61E-03	1.72E-02	3.37E-03	2.73E-00	1.87E-07	6.89E-08	6.81E-00	9.27E-01	4.58E-03	1.15E-02	1.95E-02	2.32E-00	3.78E-01	1.50E-01	5.79E-08	8.16E-08	5.68E-03	1.32E-03	3.10E-00	3.34E-01	5.28E-01	3.55E-05	5.29E-01	5.60E-01	3.43E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-01						
WH36912403C	1.24E-02	2.32E-00	5.92E-02	2.26E-00	1.33E-04	0.00E+00	5.12E-02	2.72E-00	1.86E-03	1.97E-02	2.45E-03	1.68E-00	1.59E-08	4.56E-08	4.32E-00	4.70E-01	3.31E-03	1.62E-02	1.96E-02	2.40E-00	3.95E-01	8.39E-00	1.36E-07	9.19E-08	5.16E-03	1.67E-03	2.38E-00	2.43E-01	4.39E-01	1.99E-05	4.39E-01	4.65E-01	2.62E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-01						
WH36912403Q	9.98E-03	2.16E-00	5.88E-02	2.16E-00	2.18E-04	0.00E+00	5.15E-02	2.76E-00	1.86E-03	1.46E-03	1.53E-02	3.17E-03	2.16E-08	9.96E-08	5.66E-00	5.43E-00	4.66E-01	4.29E-03	8.79E-03	1.70E-02	1.98E-00	1.70E-07	1.42E-07	9.99E-08	4.87E-08	4.35E-00	4.36E-00	3.30E-01	1.74E-07	9.99E-08	6.55E-03	1.69E-03	2.37E-00	2.41E-01	4.49E-01	1.99E-05	4.96E-01	5.22E-01	2.61E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-01
WH36912405C	1.24E-02	2.32E-00	5.92E-02	2.26E-00	1.33E-04	0.00E+00	5.12E-02	2.72E-00	1.86E-03	1.97E-02	2.45E-03	1.68E-00	1.59E-08	4.56E-08	4.32E-00	4.70E-01	3.31E-03	1.62E-02	1.96E-02	2.40E-00	3.95E-01	8.39E-00	1.36E-07	9.19E-08	5.16E-03	1.67E-03	2.38E-00	2.43E-01	4.39E-01	1.99E-05	4.39E-01	4.65E-01	2.62E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-01						
WH36912405Q	1.01E-02	2.19E-00	5.93E-02	2.12E-00	2.15E-04	0.00E+00	5.15E-02	3.86E-00	1.47E-03	1.56E-02	3.18E-03	2.15E-00	9.96E-08	5.87E-08	5.43E-00	7.32E-01	4.31E-03	9.76E-03	1.89E-02	1.98E-00	3.41E-01	1.30E-01	5.29E-08	7.19E-08	4.14E-03	1.13E-03	2.79E-00	3.16E-01	4.71E-01	1.19E-05	4.71E-01	5.01E-01	3.01E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-01						
WH36912449C	1.01E-02	2.19E-00	5.93E-02	2.12E-00	2.15E-04	0.00E+00	5.15E-02	3.86E-00	1.47E-03	1.56E-02	3.18E-03	2.15E-00	9.96E-08	5.87E-08	5.43E-00	7.32E-01	4.31E-03	9.76E-03	1.89E-02	1.98E-00	3.41E-01	1.30E-01	5.29E-08	7.19E-08	4.14E-03	1.13E-03	2.79E-00	3.16E-01	4.71E-01	1.19E-05	4.71E-01	5.01E-01	3.01E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-01						
WH36912449Q	1.01E-02	2.19E-00	5.93E-02	2.12E-00	2.15E-04	0.00E+00	5.15E-02	3.86E-00	1.47E-03	1.56E-02	3.18E-03	2.15E-00	9.96E-08	5.87E-08	5.43E-00	7.32E-01	4.31E-03	9.76E-03	1.89E-02	1.98E-00	3.41E-01	1.30E-01	5.29E-08	7.19E-08	4.14E-03	1.13E-03	2.79E-00	3.16E-01	4.71E-01	1.19E-05	4.71E-01	5.01E-01	3.01E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-01						
WH36912490Q	1.22E-02	2.39E-00	5.85E-02	2.40E-00	2.17E-04	0.00E+00	5.15E-02	3.81E-00	1.65E-03	1.74E-02	2.43E-03	1.70E-00	1.96E-08	4.87E-08	4.35E-00	4.66E-01	4.29E-03	8.79E-03	1.70E-02	1.98E-00	1.70E-07	1.42E-07	9.99E-08	4.87E-08	4.35E-00	4.36E-00	3.30E-01	1.74E-07	9.99E-08	6.55E-03	1.69E-03	2.37E-00	2.41E-01	4.49E-01	1.99E-05	4.96E-01	5.22E-01	2.61E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-01	
WH36912500C	1.72E-02	2.67E-00	6.29E-02	2.62E-00	1.29E-04	0.00E+00	5.10E-02	6.36E-00	1.79E-03	1.91E-02	2.60E-03	3.96E-00	2.08E-08	9.39E-08	8.46E-00	5.47E-01	3.79E-03	2.44E-02	2.19E-02	2.98E-00	4.38E-01	1.35E-01	1.61E-07	1.23E-07	6.36E-03	1.69E-03	3.47E-00	2.97E-01	5.29E-01	4.62E-05	5.29E-01	5.67E-01	3.79E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-01						
WH36912500Q	1.68E-02	2.79E-00	7.48E-02	2.71E-00	2.79E-04	0.00E+00	1.02E-03	8.84E-00	1.88E-03	2.02E-02	3.99E-03	5.94E-00	1.99E-07	1.19E-07	1.24E-01	1.02E-00	5.99E-03	1.67E-02	2.61E-02	2.41E-00	4.94E-01	1.58E-01	8.08E-08	1.12E-07	8.89E-03	1.33E-03	4.22E-00	3.99E-01	6.12E-01	8.21E-05	6.12E-01	6.99E-01	4.89E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-00						
WH36912503C	1.68E-02	2.83E-00	6.34E-02	2.57E-00	1.38E-04	0.00E+00	1.01E-03	6.33E-00	1.72E-03	1.87E-02	2.75E-03	3.96E-00	2.05E-08	8.43E-08	9.88E-00	5.79E-01	3.72E-03	2.43E-02	2.21E-02	2.57E-00	4.29E-01	9.23E-00	1.62E-07	1.22E-07	6.19E-03	1.69E-03	3.51E-00	2.72E-01	5.32E-01	4.62E-05	5.22E-01	5.90E-01	3.78E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-01						
WH36912503Q	1.68E-02	2.83E-00	6.34E-02	2.57E-00	1.38E-04	0.00E+00	1.01E-03	6.33E-00	1.72E-03	1.87E-02	2.75E-03	3.96E-00	2.05E-08	8.43E-08	9.88E-00	5.79E-01	3.72E-03	2.43E-02	2.21E-02	2.57E-00	4.29E-01	9.23E-00	1.62E-07	1.22E-07	6.19E-03	1.69E-03	3.51E-00	2.72E-01	5.32E-01	4.62E-05	5.22E-01	5.90E-01	3.78E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-01						
WH36912505C	1.68E-02	2.83E-00	6.34E-02	2.57E-00	1.38E-04	0.00E+00	1.01E-03	6.33E-00	1.72E-03	1.87E-02	2.75E-03	3.96E-00	2.05E-08	8.43E-08	9.88E-00	5.79E-01	3.72E-03	2.43E-02	2.21E-02	2.57E-00	4.29E-01	9.23E-00	1.62E-07	1.22E-07	6.19E-03	1.69E-03	3.51E-00	2.72E-01	5.32E-01	4.62E-05	5.22E-01	5.90E-01	3.78E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-01						
WH36912505Q	1.68E-02	2.83E-00	6.34E-02	2.57E-00	1.38E-04	0.00E+00	1.01E-03	6.33E-00	1.72E-03	1.87E-02	2.75E-03	3.96E-00	2.05E-08	8.43E-08	9.88E-00	5.79E-01	3.72E-03	2.43E-02	2.21E-02	2.57E-00	4.29E-01	9.23E-00	1.62E-07	1.22E-07	6.19E-03	1.69E-03	3.51E-00	2.72E-01	5.32E-01	4.62E-05	5.22E-01	5.90E-01	3.78E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-01						
WH36912549Q	1.67E-02	2.81E-00	6.29E-02	2.74E-00	2.21E-04	0.00E+00	1.02E-03	7.38E-00	1.92E-03	2.09E-02	3.47E-03	4.51E-00	1.95E-07	1.07E-07	1.05E-01	8.56E-01	4.79E-03	2.45E-02	2.59E-02	2.07E-00	4.94E-01	1.39E-01	1.21E-07	1.13E-07	7.93E-03	1.18E-03	3.82E-00	3.44E-01	6.31E-01	5.39E-05	6.31E-01	6.71E-01	4.17E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-00						
WH36912600C	1.72E-02	2.67E-00	6.29E-02	2.62E-00	1.29E-04	0.00E+00	1.01E-03	6.36E-00	1.79E-03	1.91E-02	2.60E-03	3.96E-00	2.05E-08	9.39E-08	8.46E-00	5.47E-01	3.79E-03	2.44E-02	2.19E-02	2.98E-00	4.38E-01	1.35E-01	1.61E-07	1.23E-07	6.36E-03	1.69E-03	3.47E-00	2.97E-01	5.29E-01	4.62E-05	5.29E-01	5.67E-01	3.79E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-01						
WH36912600Q	1.69E-02	2.78E-00	7.44E-02	2.70E-00	2.70E-04	0.00E+00	1.02E-03	8.84E-00	1.88E-03	2.02E-02	3.99E-03	5.94E-00	1.92E-07	1.19E-07	1.24E-01	1.02E-00	5.99E-03	1.67E-02	2.61E-02	2.41E-00	4.94E-01	1.58E-01	8.08E-08	1.12E-07	8.89E-03	1.33E-03	4.22E-00	3.99E-01	6.12E-01	8.21E-05	6.12E-01	6.99E-01	4.89E-00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-00						
WH36912603C	1.68E-02	2.82E-00	6.28E-02	2.58E-00	1.35E-04	0.00E+00	1.01E-03	6.32E-00	1.71E-03	1.89E-02	2.72E-03	3.98E-00	2.																															

Distribution A4	WNC100	4.80E-03	5.95E-01	4.44E-03	5.93E-01	3.18E-08	0.00E+00	2.95E-02	6.21E-05	4.82E-04	5.48E-03	1.10E-03	1.45E-08	2.14E-07	3.97E-08	6.41E-09	1.90E-01	1.49E-03	1.21E-02	3.07E-02	1.88E-01	3.97E-08	4.73E-01	2.19E-08	3.15E-08	1.82E-03	2.22E-05	7.28E-01	2.56E-01	1.45E-01	1.23E-04	1.45E-01	1.55E-01	8.84E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+00	
	WNC122	1.07E-02	1.29E+00	-4.87E-02	1.31E+00	5.07E-08	0.00E+00	5.74E-02	1.24E-04	1.11E-03	1.26E-02	2.39E-03	2.88E+00	4.33E-07	7.88E-08	1.22E-01	3.72E-01	3.24E-03	2.43E-02	6.17E-02	3.57E-01	2.19E+00	8.88E+00	5.07E-08	7.12E-08	4.09E-03	5.29E-05	1.61E+00	9.94E-01	3.05E-01	2.31E-04	3.05E-01	3.31E-01	2.80E+00	0.00E+00	0.00E+00	0.00E+00	2.65E+00	
	WNC123	3.16E-01	1.78E+00	4.60E-02	1.83E+00	6.80E-08	0.00E+00	8.52E-02	1.73E-04	1.50E-03	1.74E-02	3.49E-03	4.16E+00	6.17E-07	1.12E-07	1.75E-01	5.14E-01	4.73E-03	3.43E-02	9.18E-02	5.01E-01	3.03E-01	1.30E-01	9.38E-08	1.91E-07	5.79E-03	7.66E-05	2.02E+00	1.38E+00	4.33E-01	3.34E-04	4.33E-01	4.67E-01	3.40E+00	0.00E+00	0.00E+00	0.00E+00	3.94E+00	
	WNC160	3.80E-03	5.39E-01	2.42E-02	5.63E-01	3.95E-08	0.00E+00	2.55E-02	4.49E-04	5.14E-03	1.20E-03	9.68E-01	1.45E-07	2.86E-08	5.41E-09	1.70E-01	1.68E-03	1.10E-02	4.38E-02	1.57E-01	9.77E+00	4.75E+00	1.85E-08	2.62E-08	1.54E-03	2.33E-05	6.03E-01	5.01E-01	1.39E-01	1.50E-04	1.39E-01	1.47E-01	1.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00		
	WNC161B	3.84E-03	5.32E-01	2.41E-02	5.58E-01	3.95E-08	0.00E+00	2.54E-02	4.46E-04	5.13E-03	1.20E-03	9.70E-01	1.45E-07	2.85E-08	5.40E-09	1.73E-01	1.68E-03	1.10E-02	4.36E-02	1.42E-01	9.77E+00	4.75E+00	1.83E-08	2.57E-08	1.54E-03	2.34E-05	6.24E-01	5.05E-01	1.40E-01	1.50E-04	1.40E-01	1.47E-01	1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00		
	WNC161	3.84E-03	5.32E-01	2.34E-02	5.58E-01	3.95E-08	0.00E+00	2.49E-02	4.52E-04	5.13E-03	1.24E-03	9.70E-01	1.45E-07	3.05E-08	5.42E-09	1.73E-01	1.68E-03	1.10E-02	4.36E-02	1.43E-01	9.80E+00	4.81E+00	1.83E-08	2.57E-08	1.65E-03	2.04E-05	6.08E-01	5.05E-01	1.46E-01	1.50E-04	1.46E-01	1.37E-01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00		
	WNC162	1.94E-02	1.19E+00	5.07E-02	1.24E+00	5.05E-08	0.00E+00	4.89E-02	1.05E-04	1.07E-03	1.21E-02	2.38E-03	1.82E+00	2.74E-07	9.23E-08	9.89E-09	3.36E-01	3.22E-03	2.14E-02	8.65E-02	2.84E-01	2.07E-01	8.88E+00	6.26E-08	6.93E-08	3.85E-03	4.53E-05	1.31E+00	9.93E-01	2.99E-01	2.18E-04	2.99E-01	3.19E-01	2.35E+00	0.00E+00	0.00E+00	0.00E+00	3.93E+00	
	WNC164	8.20E-03	1.09E+00	4.85E-02	1.14E+00	6.00E-08	0.00E+00	5.47E-02	1.04E-04	1.41E-03	1.07E-02	2.44E-03	1.93E+00	2.90E-07	6.07E-08	1.02E-01	3.39E-01	3.25E-03	1.81E-02	8.75E-02	2.78E-01	2.02E-01	9.02E+00	5.22E-08	5.84E-03	3.49E-03	5.73E-05	1.45E+00	9.71E-01	2.90E-01	2.84E-04	2.90E-01	3.20E-01	2.46E+00	0.00E+00	0.00E+00	0.00E+00	3.76E+00	
	WNC165	1.30E-03	6.74E+00	1.85E-02	1.80E+00	6.91E-08	0.00E+00	5.18E-02	1.05E-04	1.06E-03	1.20E-02	2.41E-03	1.82E+00	2.73E-07	9.71E-08	9.82E-09	3.34E-01	3.27E-03	1.81E-02	8.95E-02	2.40E-01	2.24E-01	8.97E+00	6.43E-08	6.61E-08	3.84E-03	5.72E-05	1.53E+00	9.69E-01	3.13E-01	2.18E-04	3.13E-01	3.38E-01	2.49E+00	0.00E+00	0.00E+00	0.00E+00	3.89E+00	
	WNC174	9.99E-03	1.21E+00	4.69E-02	1.26E+00	5.05E-08	0.00E+00	4.81E-02	1.05E-04	1.06E-03	1.20E-02	2.41E-03	1.82E+00	2.73E-07	9.71E-08	9.82E-09	3.34E-01	3.27E-03	1.81E-02	8.95E-02	2.40E-01	2.24E-01	8.97E+00	6.43E-08	6.61E-08	3.84E-03	5.72E-05	1.53E+00	9.69E-01	3.13E-01	2.18E-04	3.13E-01	3.38E-01	2.49E+00	0.00E+00	0.00E+00	0.00E+00	3.89E+00	
	WNE100B	4.93E-03	8.97E-01	2.40E-02	6.21E-01	2.38E-08	0.00E+00	2.96E-02	6.03E-04	5.27E-04	5.79E-03	1.12E-03	1.43E+00	2.19E-07	4.02E-08	5.38E-09	1.71E-01	1.52E-03	1.10E-02	2.97E-02	1.98E-01	1.04E-01	3.92E+00	3.39E-08	3.21E-08	2.34E-03	4.29E-05	6.40E-01	6.29E-01	1.40E-01	1.23E-04	1.43E-01	1.33E-01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00	
	WNE100	4.93E-03	8.96E-01	2.12E-02	6.21E-01	2.38E-08	0.00E+00	2.96E-02	6.02E-04	5.18E-04	5.77E-03	1.08E-03	1.43E+00	2.17E-07	4.03E-08	4.78E-09	1.70E-01	1.48E-03	1.09E-02	2.97E-02	1.93E-01	1.03E-01	3.92E+00	3.38E-08	3.20E-08	2.33E-03	4.04E-05	6.72E-01	4.89E-01	1.43E-01	1.23E-04	1.43E-01	1.54E-01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+00	
	WNE160B	4.87E-03	8.48E-01	3.36E-02	5.83E-01	2.35E-08	0.00E+00	2.98E-02	4.98E-04	4.98E-04	5.52E-03	1.11E-03	1.40E-01	1.38E-07	4.70E-08	4.13E-09	1.48E-01	1.50E-03	9.97E-03	4.18E-02	1.92E-01	9.92E-01	3.65E+00	3.59E-08	3.80E-08	2.25E-03	3.91E-05	4.95E-01	6.28E-01	1.33E-01	1.15E-04	1.35E-01	1.48E-01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00	
	WNE160	4.87E-03	8.50E-01	2.25E-02	5.83E-01	2.35E-08	0.00E+00	2.96E-02	4.93E-04	4.93E-04	5.49E-03	1.07E-03	1.40E-01	1.37E-07	4.71E-08	3.95E-09	1.48E-01	1.45E-03	9.93E-03	4.18E-02	1.46E-01	1.01E-01	3.75E+00	3.59E-08	2.85E-08	2.35E-03	3.65E-05	5.16E-01	4.88E-01	1.38E-01	1.15E-04	1.38E-01	1.48E-01	9.99E-01	0.00E+00	0.00E+00	0.00E+00	1.79E+00	
	WNE161B	4.94E-03	8.40E-01	3.42E-02	5.74E-01	2.35E-08	0.00E+00	2.84E-02	5.09E-04	4.77E-04	5.33E-03	1.15E-03	1.40E-01	1.39E-07	4.93E-08	4.14E-09	1.51E-01	1.55E-03	7.90E-03	4.18E-02	1.99E-01	1.09E-01	3.66E+00	3.67E-08	2.95E-08	2.17E-03	4.51E-05	5.74E-01	6.31E-01	1.42E-01	1.15E-04	1.42E-01	1.54E-01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00	
	WNE161	4.94E-03	8.55E-01	2.13E-02	5.74E-01	2.35E-08	0.00E+00	2.84E-02	5.09E-04	4.71E-04	5.33E-03	1.11E-03	1.40E-01	1.37E-07	4.94E-08	3.63E-09	1.51E-01	1.50E-03	7.86E-03	4.18E-02	1.32E-01	1.07E-01	3.80E+00	3.62E-08	2.98E-08	2.17E-03	4.25E-05	5.85E-01	4.92E-01	1.45E-01	1.15E-04	1.42E-01	1.56E-01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00	
	WSSS2BKO	2.33E-02	3.09E+00	2.17E-02	3.94E+00	2.02E-04	0.00E+00	7.89E-02	1.71E-04	3.00E-03	3.27E-02	4.42E-03	4.88E+00	6.10E-07	1.34E-07	1.02E-01	8.48E-01	3.98E-03	1.21E-01	3.81E-02	1.38E+00	1.17E+00	9.96E-07	1.43E-07	1.10E-02	1.64E-02	2.38E+00	1.15E+00	1.24E-02	1.25E-04	1.24E-02	1.28E-02	3.32E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00		
	WRS82BSB	1.78E-02	2.09E+00	3.11E-02	2.12E+00	4.88E-05	0.00E+00	8.94E-02	1.71E-04	1.52E-03	1.67E-02	2.23E-03	1.13E+00	5.75E-07	1.97E-07	1.02E-01	4.74E-01	3.02E-03	7.21E-02	1.78E-02	5.83E-01	4.95E-01	2.23E-07	2.62E-07	2.53E-07	5.78E-03	5.53E-04	1.00E+00	7.41E-01	4.81E-01	2.18E-04	4.81E-01	4.99E-01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-01	
	WRS82BSW	1.78E-02	2.09E+00	3.11E-02	2.12E+00	4.88E-05	0.00E+00	8.94E-02	1.71E-04	1.52E-03	1.67E-02	2.23E-03	1.13E+00	5.75E-07	1.97E-07	1.02E-01	4.74E-01	3.02E-03	7.21E-02	1.78E-02	5.83E-01	4.95E-01	2.23E-07	2.62E-07	2.53E-07	5.78E-03	5.53E-04	1.00E+00	7.41E-01	4.81E-01	2.18E-04	4.81E-01	4.99E-01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-01	
	WXF105	4.32E-03	8.93E-01	4.51E-03	2.83E-01	1.95E-08	0.00E+00	7.17E-01	2.98E-08	2.46E-04	2.83E-03	3.00E-04	1.94E+00	7.30E-08	3.24E-08	4.45E-09	1.26E-01	4.06E-04	5.64E-03	4.05E-03	8.94E-02	4.93E-02	5.36E-01	1.87E-08	2.93E-08	9.72E-04	3.02E-05	3.88E-01	1.48E-01	5.09E+00	1.24E-04	5.09E+00	5.83E+00	3.88E-01	0.00E+00	0.00E+00	0.00E+00	1.74E-01	
	WXF160B	6.92E-03	4.20E-01	1.79E-03	4.22E-01	2.24E-05	0.00E+00	8.45E-01	1.28E-04	3.72E-04	4.44E-03	3.58E-04	2.72E-02	2.46E-07	9.92E-08	7.80E-09	3.65E-01	4.84E-04	1.83E-02	1.21E-01	6.41E+00	8.86E-01	3.32E-08	3.62E-08	1.45E-03	4.51E-05	6.57E-01	1.54E-01	7.30E-03	1.74E-04	7.30E-04	8.11E-01	8.12E-01	0.00E+00	0.00E+00	0.00E+00	2.45E-01		
	WXF422B	9.80E-03	7.96E-01	4.16E-03	7.87E-01	7.89E-05	0.00E+00	9.48E-01	1.83E-04	6.32E-04	7.78E-04	6.13E-03	4.21E-02	6.15E-07	3.75E-08	4.90E-09	4.97E-01	4.85E-03	2.70E-02	1.37E-01	5.33E-01	3.22E-01	1.37E-01	4.23E-08	4.23E-08	9.94E-08	3.59E-03	7.24E-04	4.54E-01	6.34E-01	4.54E-01	4.54E-01	1.81E+00	1.81E+00	0.00E+00	0.00E+00	2.85E-01		
	WXF423B	1.36E-02	1.02E+00	1.10E-02	1.01E+00	1.08E-04	0.00E+00	1.26E-01	2.74E-04	8.28E-04	8.68E-03	1.04E-03	6.31E-02	9.46E-07	1.41E-07	1.45E-01	1.05E-02	1.41E-03	4.54E-02	1.92E-02	6.02E-01	1.98E-01	2.72E+00	7.05E-08	8.63E-08	3.41E-03	1.99E-04	1.76E+00	3.15E-01	1.93E-01	3.58E-04	1.93E-01	2.14E-01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-01	
	GS20009016	2.26E-04	3.77E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	2.47E-02	1.42E-08	1.12E-04	1.23E-03	0.00E+00	0.00E+00	6.03E-13	1.28E-11	9.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-09	1.32E-03	3.29E-03	0.00E+00	5.79E-11	1.34E-03	3.10E-04	9.43E-07	7.02E-04	0.00E+00	0.00E+00	1.49E-09	5.26E-01	5.27E-01	7.02E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
	SNS216	8.30E-05	1.23E-02	0.00E+00	1.26E-02	0.00E+00	0.00E+00	8.48E-03	4.86E-09	3.94E-05	4.22E-04	0.00E+00	0.00E+00	2.28E-13	4.40E-12	3.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-08	4.54E-04	1.81E-03	0.00E+00	1.98E-11	6.47E-11	1.06E-04	3.24E-07	2.41E-04	0.00E+00	1.81E-01	5.18E-11	1.81E-01	1.81E-01	1.81E-01	2.41E-04	0.00E+00	0.0	

SN0250C	1.03E-04	1.42E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.08E-02	6.08E-04	4.81E-05	5.28E-04	0.00E+00	0.00E+00	2.88E-13	5.51E-12	3.95E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-08	5.89E-04	2.28E-01	0.00E+00	2.49E-11	8.35E-11	1.33E-04	4.05E-07	3.02E-04	0.00E+00	2.28E-01	6.38E-10	2.26E-01	2.27E-01	3.02E-04	0.00E+00	0.00E+00	0.00E+00	6.16E-05
SN116	1.11E-03	3.71E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.25E-02	1.22E-08	3.08E-04	3.38E-03	0.00E+00	0.00E+00	5.99E-13	1.25E-11	7.78E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-08	1.15E-03	4.78E-01	0.00E+00	4.88E-11	6.89E-09	8.70E-04	7.68E-07	6.09E-04	0.00E+00	4.76E-01	1.34E-08	4.78E-01	4.77E-01	6.09E-04	0.00E+00	0.00E+00	1.24E-04	
SN216	1.06E-04	1.68E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.53E-02	4.30E-05	5.47E-04	0.00E+00	0.00E+00	0.00E+00	2.95E-13	5.71E-12	4.09E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-08	5.90E-04	2.34E-01	0.00E+00	2.58E-11	8.65E-11	1.38E-04	4.20E-07	3.18E-04	0.00E+00	2.34E-01	6.61E-10	2.24E-01	2.33E-01	3.18E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-05
SNS016	3.99E-03	1.58E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.04E-02	5.32E-08	4.48E-05	5.14E-04	0.00E+00	0.00E+00	2.77E-13	5.36E-12	3.64E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-08	5.54E-04	2.30E-01	0.00E+00	2.42E-11	8.13E-11	1.30E-04	3.64E-07	2.34E-04	0.00E+00	2.20E-01	6.21E-10	2.24E-01	2.33E-01	3.18E-04	0.00E+00	0.00E+00	0.00E+00	5.99E-05
WE122A	1.96E-04	2.50E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.69E-02	9.39E-05	7.43E-05	8.15E-04	0.00E+00	0.00E+00	4.40E-13	8.51E-12	6.09E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-08	3.46E-04	1.45E-01	0.00E+00	3.84E-11	1.29E-09	2.06E-04	6.28E-07	4.68E-04	0.00E+00	3.46E-01	8.95E-10	3.46E-01	3.50E-01	4.68E-04	0.00E+00	0.00E+00	0.00E+00	9.50E-05
WE122	1.69E-04	2.50E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.64E-02	9.39E-05	7.43E-05	8.15E-04	0.00E+00	0.00E+00	4.40E-13	8.51E-12	6.09E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-08	3.46E-04	1.45E-01	0.00E+00	3.84E-11	1.29E-09	2.06E-04	6.28E-07	4.68E-04	0.00E+00	3.46E-01	8.95E-10	3.46E-01	3.50E-01	4.68E-04	0.00E+00	0.00E+00	0.00E+00	9.50E-05
WE123A	2.83E-04	3.95E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	2.55E-02	1.44E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.89E-13	1.32E-11	9.49E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-08	1.37E-03	5.43E-01	0.00E+00	5.97E-11	2.81E-09	3.20E-04	9.74E-07	7.25E-04	0.00E+00	5.43E-01	1.53E-09	5.43E-01	5.44E-01	7.25E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
WE123	2.81E-04	3.95E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	2.53E-02	1.43E-08	1.15E-04	1.26E-03	0.00E+00	0.00E+00	6.78E-13	1.31E-11	9.41E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-08	1.36E-03	5.43E-01	0.00E+00	5.97E-11	2.81E-09	3.20E-04	9.74E-07	7.18E-04	0.00E+00	5.39E-01	1.52E-09	5.39E-01	5.39E-01	7.18E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
WH105853E	2.81E-04	4.12E-03	0.00E+00	4.12E-03	0.00E+00	0.00E+00	2.30E-02	1.55E-08	1.23E-05	1.34E-04	0.00E+00	0.00E+00	7.25E-14	1.47E-12	1.01E-05	0.00E+00	0.00E+00	0.00E+00	3.85E-08	1.45E-04	5.76E-02	0.00E+00	1.45E-08	5.93E-03	9.00E-05	1.08E-07	7.88E-08	0.00E+00	5.76E-02	1.31E-03	1.34E-02	1.34E-02	9.00E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-05
WH105853F	4.51E-05	7.12E-03	0.00E+00	7.12E-03	0.00E+00	0.00E+00	4.67E-03	2.87E-09	2.12E-05	2.32E-04	0.00E+00	0.00E+00	1.25E-13	2.42E-12	1.74E-05	0.00E+00	0.00E+00	0.00E+00	6.30E-07	2.50E-04	9.94E-02	0.00E+00	1.09E-11	3.67E-10	5.85E-05	1.78E-07	1.33E-04	0.00E+00	9.94E-02	2.81E-10	9.94E-02	9.94E-02	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05
WH106453E	6.03E-05	7.73E-03	0.00E+00	7.73E-03	0.00E+00	0.00E+00	5.08E-03	2.91E-09	2.20E-05	2.35E-04	0.00E+00	0.00E+00	1.36E-13	2.44E-12	1.80E-05	0.00E+00	0.00E+00	0.00E+00	6.80E-07	2.72E-04	1.08E-01	0.00E+00	1.19E-11	4.00E-10	6.37E-05	1.94E-07	1.46E-04	0.00E+00	1.08E-01	3.05E-10	1.08E-01	1.08E-01	1.46E-04	0.00E+00	0.00E+00	0.00E+00	2.95E-05
WH106453F	6.03E-05	8.51E-03	0.00E+00	8.51E-03	0.00E+00	0.00E+00	6.24E-03	3.57E-09	2.63E-05	3.10E-04	0.00E+00	0.00E+00	1.67E-13	3.24E-12	2.32E-05	0.00E+00	0.00E+00	0.00E+00	8.42E-07	3.34E-04	1.23E-01	0.00E+00	1.46E-11	4.90E-10	7.82E-05	2.38E-07	1.77E-04	0.00E+00	1.23E-01	3.79E-10	1.23E-01	1.23E-01	1.77E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-05
WH106457E	5.83E-05	9.20E-03	0.00E+00	9.20E-03	0.00E+00	0.00E+00	6.03E-03	3.45E-09	2.73E-05	3.02E-04	0.00E+00	0.00E+00	1.62E-13	3.12E-12	2.34E-05	0.00E+00	0.00E+00	0.00E+00	8.14E-07	3.22E-04	1.20E-01	0.00E+00	1.47E-11	4.74E-10	7.57E-05	2.33E-07	1.71E-04	0.00E+00	1.20E-01	3.63E-10	1.20E-01	1.20E-01	1.71E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-05
WH11580300A	4.12E-05	6.50E-03	0.00E+00	6.50E-03	0.00E+00	0.00E+00	4.28E-03	2.44E-09	1.93E-05	2.12E-04	0.00E+00	0.00E+00	1.14E-13	2.16E-12	1.59E-05	0.00E+00	0.00E+00	0.00E+00	5.78E-07	2.28E-04	9.08E-02	0.00E+00	9.97E-12	3.35E-10	5.34E-05	1.63E-07	1.21E-04	0.00E+00	9.08E-02	2.58E-10	9.08E-02	9.08E-02	1.21E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-05
WH11580300C	8.09E-05	1.27E-02	0.00E+00	1.27E-02	0.00E+00	0.00E+00	8.31E-03	4.70E-09	3.77E-05	4.13E-04	0.00E+00	0.00E+00	2.22E-13	4.31E-12	3.09E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-08	4.45E-04	1.77E-01	0.00E+00	1.34E-11	6.53E-10	1.04E-04	3.17E-07	2.38E-04	0.00E+00	1.77E-01	4.99E-10	1.77E-01	1.77E-01	2.38E-04	0.00E+00	0.00E+00	0.00E+00	4.62E-05
WH11585300C	6.95E-05	1.10E-02	0.00E+00	1.10E-02	0.00E+00	0.00E+00	7.19E-03	4.12E-09	3.28E-05	3.58E-04	0.00E+00	0.00E+00	1.93E-13	3.73E-12	2.67E-05	0.00E+00	0.00E+00	0.00E+00	9.71E-07	3.85E-04	1.53E-01	0.00E+00	1.68E-11	5.86E-10	9.02E-05	2.75E-07	2.04E-04	0.00E+00	1.53E-01	4.32E-10	1.53E-01	1.53E-01	2.04E-04	0.00E+00	0.00E+00	0.00E+00	4.17E-05
WH11596200A	3.91E-05	9.31E-03	0.00E+00	9.31E-03	0.00E+00	0.00E+00	6.11E-03	3.50E-09	2.77E-05	3.04E-04	0.00E+00	0.00E+00	1.64E-13	3.17E-12	2.27E-05	0.00E+00	0.00E+00	0.00E+00	8.25E-07	3.27E-04	1.30E-01	0.00E+00	1.40E-11	4.80E-10	7.68E-05	2.33E-07	1.74E-04	0.00E+00	1.30E-01	3.67E-10	1.30E-01	1.30E-01	1.74E-04	0.00E+00	0.00E+00	0.00E+00	3.54E-05
WH11625300C	8.91E-05	1.45E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	9.10E-03	5.28E-09	4.14E-05	4.58E-04	0.00E+00	0.00E+00	2.47E-13	4.78E-12	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-08	4.94E-04	1.98E-01	0.00E+00	2.14E-11	7.24E-10	1.16E-04	3.52E-07	2.62E-04	0.00E+00	1.98E-01	5.57E-10	1.98E-01	1.98E-01	2.62E-04	0.00E+00	0.00E+00	0.00E+00	5.54E-05
WH11642300C	1.16E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.20E-02	6.85E-05	5.42E-05	5.95E-04	0.00E+00	0.00E+00	3.21E-13	6.21E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-08	6.41E-04	2.55E-01	0.00E+00	2.80E-11	9.40E-10	1.50E-04	4.58E-07	3.40E-04	0.00E+00	2.55E-01	7.19E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
WH11642305C	1.74E-04	1.45E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	1.07E-02	6.15E-09	4.87E-05	5.34E-04	0.00E+00	0.00E+00	2.88E-13	5.68E-12	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-08	5.79E-04	2.29E-01	0.00E+00	2.51E-11	8.44E-10	1.35E-04	4.10E-07	3.09E-04	0.00E+00	2.29E-01	6.48E-10	2.29E-01	2.29E-01	3.09E-04	0.00E+00	0.00E+00	0.00E+00	8.23E-05
WH11642700A	7.95E-05	1.23E-02	0.00E+00	1.23E-02	0.00E+00	0.00E+00	8.06E-03	4.81E-09	3.86E-05	4.01E-04	0.00E+00	0.00E+00	2.16E-13	4.18E-12	3.04E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-08	4.32E-04	1.72E-01	0.00E+00	1.86E-11	6.33E-10	1.01E-04	3.07E-07	2.29E-04	0.00E+00	1.72E-01	4.84E-10	1.72E-01	1.72E-01	2.29E-04	0.00E+00	0.00E+00	0.00E+00	4.67E-05
WH11642700C	1.16E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.20E-02	6.85E-05	5.42E-05	5.95E-04	0.00E+00	0.00E+00	3.21E-13	6.21E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-08	6.41E-04	2.55E-01	0.00E+00	2.80E-11	9.40E-10	1.50E-04	4.58E-07	3.40E-04	0.00E+00	2.55E-01	7.19E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
WH12580300P	7.48E-05	1.18E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	7.74E-03	4.43E-09	3.51E-05	3.85E-04	0.00E+00	0.00E+00	2.08E-13	4.02E-12	2.95E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-08	4.15E-04	1.65E-01	0.00E+00	1.81E-11	6.09E-10	9.79E-05	2.95E-07	2.29E-04	0.00E+00	1.65E-01	4.65E-10	1.65E-01	1.65E-01	2.29E-04	0.00E+00	0.00E+00	0.00E+00	4.45E-05
WH12640300P	1.46E-04	2.29E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.50E-02	8.57E-09	6.78E-05	7.44E-04	0.00E+00	0.00E+00	4.02E-13	7.77E-12	5.57E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-08	8.02E-04	3.18E-03	0.00E+00	3.05E-11	1.18E-03	1.88E-04	5.73E-07	4.29E-04	0.00E+00	3.18E-03	9.08E-10	3.18E-03	3.18E-03	4.29E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-05
WH14642300Q	2.10E-04	3.31E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	2.17E-02	1.24E-08	9.84E-05	1.08E-03	0.00E+00	0.00E+00	5.83E-13	1.13E-11	8.07E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-08	1.18E-04	4.62E-01	0.00E+00	5.08E-11	1.71E-09	2.72E-04	8.29E-07	6.17E-04	0.00E+00	4.62E-01								

WH25625300C	1.16E-04	1.84E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.20E-02	6.89E-03	5.46E-03	5.98E-04	0.00E+00	0.00E+00	3.23E-13	6.25E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.45E-04	2.56E-01	0.00E+00	2.82E-11	9.46E-11	1.51E-04	4.59E-07	3.42E-04	0.00E+00	2.36E-01	7.23E-10	2.56E-01	2.57E-01	3.42E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-05
WH25625700C	1.19E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.02E-03	5.57E-03	6.11E-04	0.00E+00	0.00E+00	3.36E-13	6.38E-12	4.57E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-09	6.59E-04	2.62E-01	0.00E+00	2.87E-11	9.66E-11	1.54E-04	4.69E-07	3.49E-04	0.00E+00	2.42E-01	7.38E-10	2.62E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-05
WH25640100C	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.11E-03	6.42E-03	7.04E-04	0.00E+00	0.00E+00	3.80E-13	7.35E-12	5.27E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-09	7.59E-04	3.02E-01	0.00E+00	3.32E-11	1.11E-09	1.78E-04	5.41E-07	4.08E-04	0.00E+00	3.02E-01	8.51E-10	3.01E-01	3.02E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.21E-05
WH25640300C	1.52E-04	2.40E-02	0.00E+00	2.40E-02	0.00E+00	0.00E+00	1.57E-02	8.83E-03	6.97E-03	7.58E-04	0.00E+00	0.00E+00	4.17E-13	7.99E-12	5.68E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-09	8.12E-04	3.18E-01	0.00E+00	3.57E-11	1.07E-09	1.77E-04	5.52E-07	4.38E-04	0.00E+00	3.18E-01	8.71E-10	3.18E-01	3.18E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-05
WH25640303C	1.52E-04	2.40E-02	0.00E+00	2.40E-02	0.00E+00	0.00E+00	1.57E-02	8.83E-03	6.97E-03	7.58E-04	0.00E+00	0.00E+00	4.17E-13	7.99E-12	5.68E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-09	8.12E-04	3.18E-01	0.00E+00	3.57E-11	1.07E-09	1.77E-04	5.52E-07	4.38E-04	0.00E+00	3.18E-01	8.71E-10	3.18E-01	3.18E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-05
WH25640304C	1.67E-04	2.65E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	1.72E-02	9.35E-03	7.51E-03	8.11E-04	0.00E+00	0.00E+00	4.54E-13	8.53E-12	6.09E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-09	8.65E-04	3.33E-01	0.00E+00	3.86E-11	1.17E-09	1.83E-04	5.63E-07	4.67E-04	0.00E+00	3.33E-01	9.02E-10	3.33E-01	3.33E-01	4.67E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
WH25640305C	1.83E-04	2.90E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	1.87E-02	9.87E-03	8.03E-03	8.62E-04	0.00E+00	0.00E+00	4.91E-13	9.07E-12	6.61E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-09	8.97E-04	3.48E-01	0.00E+00	4.15E-11	1.26E-09	1.91E-04	5.74E-07	4.96E-04	0.00E+00	3.48E-01	9.31E-10	3.48E-01	3.48E-01	4.96E-04	0.00E+00	0.00E+00	0.00E+00	8.78E-05
WH25640500C	1.97E-04	3.15E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	2.02E-02	1.04E-02	8.54E-03	9.13E-04	0.00E+00	0.00E+00	5.28E-13	9.61E-12	7.13E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-09	9.29E-04	3.63E-01	0.00E+00	4.40E-11	1.35E-09	1.99E-04	5.85E-07	5.25E-04	0.00E+00	3.63E-01	9.54E-10	3.63E-01	3.63E-01	5.25E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
WH25640700C	1.97E-04	3.15E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	2.02E-02	1.04E-02	8.54E-03	9.13E-04	0.00E+00	0.00E+00	5.28E-13	9.61E-12	7.13E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-09	9.29E-04	3.63E-01	0.00E+00	4.40E-11	1.35E-09	1.99E-04	5.85E-07	5.25E-04	0.00E+00	3.63E-01	9.54E-10	3.63E-01	3.63E-01	5.25E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
WH25640705C	1.97E-04	3.15E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	2.02E-02	1.04E-02	8.54E-03	9.13E-04	0.00E+00	0.00E+00	5.28E-13	9.61E-12	7.13E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-09	9.29E-04	3.63E-01	0.00E+00	4.40E-11	1.35E-09	1.99E-04	5.85E-07	5.25E-04	0.00E+00	3.63E-01	9.54E-10	3.63E-01	3.63E-01	5.25E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
WH25645300C	1.97E-04	3.15E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	2.02E-02	1.04E-02	8.54E-03	9.13E-04	0.00E+00	0.00E+00	5.28E-13	9.61E-12	7.13E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-09	9.29E-04	3.63E-01	0.00E+00	4.40E-11	1.35E-09	1.99E-04	5.85E-07	5.25E-04	0.00E+00	3.63E-01	9.54E-10	3.63E-01	3.63E-01	5.25E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
WH25645305C	1.97E-04	3.15E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	2.02E-02	1.04E-02	8.54E-03	9.13E-04	0.00E+00	0.00E+00	5.28E-13	9.61E-12	7.13E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-09	9.29E-04	3.63E-01	0.00E+00	4.40E-11	1.35E-09	1.99E-04	5.85E-07	5.25E-04	0.00E+00	3.63E-01	9.54E-10	3.63E-01	3.63E-01	5.25E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
WH25645700C	1.97E-04	3.15E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	2.02E-02	1.04E-02	8.54E-03	9.13E-04	0.00E+00	0.00E+00	5.28E-13	9.61E-12	7.13E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-09	9.29E-04	3.63E-01	0.00E+00	4.40E-11	1.35E-09	1.99E-04	5.85E-07	5.25E-04	0.00E+00	3.63E-01	9.54E-10	3.63E-01	3.63E-01	5.25E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
WH25915600C	1.90E-04	3.07E-02	0.00E+00	3.07E-02	0.00E+00	0.00E+00	1.95E-02	9.89E-03	7.94E-03	8.54E-04	0.00E+00	0.00E+00	5.13E-13	9.46E-12	7.00E-05	0.00E+00	0.00E+00	0.00E+00	2.50E-09	9.14E-04	3.55E-01	0.00E+00	4.31E-11	1.32E-09	1.96E-04	5.78E-07	5.15E-04	0.00E+00	3.55E-01	9.39E-10	3.55E-01	3.55E-01	5.15E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-05
WH25915800C	2.01E-04	3.26E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	2.05E-02	1.04E-02	8.54E-03	9.13E-04	0.00E+00	0.00E+00	5.42E-13	9.89E-12	7.39E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-09	9.33E-04	3.64E-01	0.00E+00	4.40E-11	1.39E-09	2.02E-04	5.92E-07	5.32E-04	0.00E+00	3.64E-01	9.68E-10	3.64E-01	3.64E-01	5.32E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
WH26580300C	1.84E-04	3.03E-02	0.00E+00	3.03E-02	0.00E+00	0.00E+00	1.90E-02	9.70E-03	7.85E-03	8.40E-04	0.00E+00	0.00E+00	5.04E-13	9.37E-12	6.90E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-09	9.05E-04	3.50E-01	0.00E+00	4.25E-11	1.30E-09	1.94E-04	5.71E-07	5.08E-04	0.00E+00	3.50E-01	9.30E-10	3.50E-01	3.50E-01	5.08E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
WH26640300C	1.97E-04	3.15E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	2.02E-02	1.04E-02	8.54E-03	9.13E-04	0.00E+00	0.00E+00	5.28E-13	9.61E-12	7.13E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-09	9.29E-04	3.63E-01	0.00E+00	4.40E-11	1.35E-09	1.99E-04	5.85E-07	5.25E-04	0.00E+00	3.63E-01	9.54E-10	3.63E-01	3.63E-01	5.25E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
WH26640700C	1.97E-04	3.15E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	2.02E-02	1.04E-02	8.54E-03	9.13E-04	0.00E+00	0.00E+00	5.28E-13	9.61E-12	7.13E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-09	9.29E-04	3.63E-01	0.00E+00	4.40E-11	1.35E-09	1.99E-04	5.85E-07	5.25E-04	0.00E+00	3.63E-01	9.54E-10	3.63E-01	3.63E-01	5.25E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
WH27580300C	9.98E-05	1.57E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.03E-02	5.96E-03	4.97E-03	5.12E-04	0.00E+00	0.00E+00	2.76E-13	5.35E-12	3.33E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-09	5.52E-04	2.19E-01	0.00E+00	2.41E-11	8.15E-10	1.25E-04	3.33E-07	2.92E-04	0.00E+00	2.19E-01	2.20E-01	2.92E-04	0.00E+00	0.00E+00	0.00E+00	9.57E-05		
WH27580306C	8.97E-05	1.35E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	8.86E-03	5.07E-03	4.02E-03	4.45E-04	0.00E+00	0.00E+00	2.38E-13	4.65E-12	3.29E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-09	4.73E-04	1.98E-01	0.00E+00	2.07E-11	6.97E-10	1.11E-04	3.33E-07	2.52E-04	0.00E+00	1.98E-01	5.22E-10	1.98E-01	1.98E-01	2.52E-04	0.00E+00	0.00E+00	0.00E+00	5.14E-05
WH27583306C	8.97E-05	1.41E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	9.26E-03	5.29E-03	4.16E-03	4.59E-04	0.00E+00	0.00E+00	2.48E-13	4.81E-12	3.44E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-09	4.95E-04	2.07E-01	0.00E+00	2.16E-11	7.27E-10	1.15E-04	3.33E-07	2.62E-04	0.00E+00	2.07E-01	5.35E-10	2.07E-01	2.07E-01	2.62E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-05
WH27585300C	9.90E-05	1.56E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	1.02E-02	5.86E-03	4.84E-03	5.09E-04	0.00E+00	0.00E+00	2.75E-13	5.31E-12	3.37E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-09	5.48E-04	2.18E-01	0.00E+00	2.42E-11	8.05E-10	1.28E-04	3.33E-07	2.91E-04	0.00E+00	2.18E-01	2.18E-01	2.91E-04	0.00E+00	0.00E+00	0.00E+00	9.50E-05		
WH27585306C	8.46E-05	1.34E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	8.77E-03	5.02E-03	3.97E-03	4.36E-04	0.00E+00	0.00E+00	2.30E-13	4.55E-12	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-09	4.73E-04	1.87E-01	0.00E+00	2.05E-11	6.93E-10	1.10E-04	3.33E-07	2.46E-04	0.00E+00	1.87E-01	5.27E-10	1.87E-01	1.87E-01	2.46E-04	0.00E+00	0.00E+00	0.00E+00	5.96E-05
WH27588306C	8.93E-05	1.41E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	9.24E-03	5.29E-03	4.16E-03	4.59E-04	0.00E+00	0.00E+00	2.48E-13	4.80E-12	3.44E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-09	4.95E-04	2.07E-01	0.00E+00	2.16E-11	7.27E-10	1.16E-04	3.33E-07	2.61E-04	0.00E+00	2.07E-01	5.35E-10	2.07E-01	2.07E-01	2.61E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-05
WH27593206C	1.07E-04	1.68E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.11E-02	6.34E-03	5.02E-03	5.51E-04	0.00E+00	0.00E+00	3.27E-13	5.75E-12	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-09	5.94E-04	2.35E-01	0.00E+00	2.59E-11	8.71E-10	1.20E-04	4.23E-07	3.18E-04	0.00E+00									

	WNA161B	9.90E-05	4.21E-02	7.94E-03	3.42E-02	0.00E+00	0.00E+00	4.93E-01	4.88E-07	4.54E-05	8.62E-04	0.00E+00	8.33E-04	3.77E-09	1.10E+00	5.09E-03	9.12E-05	2.81E-03	0.00E+00	5.93E-05	1.48E-02	3.24E-01	0.00E+00	4.38E+00	5.87E+00	6.59E-05	1.68E-09	4.33E-02	0.00E+00	3.34E-01	7.95E+00	3.24E-01	3.68E-01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	2.85E-03
	WNA161	5.49E-05	2.56E-02	4.37E-03	2.14E-02	0.00E+00	0.00E+00	2.75E-01	2.72E-07	2.54E-05	1.81E-04	0.00E+00	4.64E-04	2.08E-09	6.19E-01	3.23E-03	5.02E-05	2.21E-03	7.30E-04	3.79E-09	9.02E-02	1.87E-01	0.00E+00	2.47E+00	3.39E+00	3.75E-05	1.01E-09	2.52E-02	0.00E+00	1.87E-01	4.79E+00	1.87E-01	2.19E-01	2.52E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
	WNC100	2.27E-05	1.14E-02	2.15E-03	9.26E-03	0.00E+00	0.00E+00	1.33E-01	1.27E-07	1.23E-05	7.63E-05	0.00E+00	2.25E-04	1.02E-09	2.96E-01	1.38E-03	2.47E-05	7.60E-04	0.00E+00	1.81E-05	3.79E-02	8.87E-02	0.00E+00	1.19E+00	1.53E+00	1.78E-05	4.55E-07	1.17E-02	0.00E+00	8.77E-02	2.15E+00	8.77E-02	9.94E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	8.89E-04
	WNC122	1.29E-04	8.73E-02	1.08E-02	4.85E-02	0.00E+00	0.00E+00	6.70E-01	6.37E-07	6.17E-05	3.83E-04	0.00E+00	1.13E-03	5.19E-09	1.26E+00	6.92E-03	1.24E-04	3.90E-03	0.00E+00	8.07E-05	1.91E-02	4.11E-01	0.00E+00	5.96E+00	7.72E+00	8.29E-05	2.23E-09	5.88E-02	0.00E+00	4.41E-01	1.07E-09	5.09E-01	5.09E-01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	3.47E-03
	WNC123	1.78E-04	7.79E-02	1.48E-02	6.32E-02	0.00E+00	0.00E+00	9.35E-01	8.68E-07	8.38E-05	5.21E-04	0.00E+00	1.54E-03	6.95E-09	2.04E+00	1.08E-04	1.86E-04	5.16E-03	0.00E+00	1.10E-04	2.39E-02	5.59E-01	0.00E+00	6.19E+00	8.09E+00	1.22E-05	3.11E-09	7.06E-02	0.00E+00	5.99E-01	1.48E-09	5.99E-01	5.99E-01	7.06E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-03
	WNC160	6.93E-05	2.91E-02	5.47E-03	2.36E-02	0.00E+00	0.00E+00	3.40E-01	3.23E-07	3.13E-05	1.94E-04	0.00E+00	5.74E-04	2.60E-09	7.95E-01	3.51E-03	6.29E-05	1.94E-03	0.00E+00	4.06E-05	8.86E-02	2.24E-01	0.00E+00	3.02E+00	3.91E+00	4.54E-05	1.16E-09	2.96E-02	0.00E+00	2.24E-01	5.48E+00	2.24E-01	2.53E-01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
	WNC161B	6.93E-05	2.91E-02	5.47E-03	2.36E-02	0.00E+00	0.00E+00	3.40E-01	3.23E-07	3.13E-05	1.94E-04	0.00E+00	5.74E-04	2.60E-09	7.95E-01	3.51E-03	6.29E-05	1.94E-03	0.00E+00	4.06E-05	8.86E-02	2.24E-01	0.00E+00	3.02E+00	3.91E+00	4.54E-05	1.16E-09	2.96E-02	0.00E+00	2.24E-01	5.48E+00	2.24E-01	2.53E-01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
	WNC161	6.93E-05	2.91E-02	5.47E-03	2.36E-02	0.00E+00	0.00E+00	3.40E-01	3.23E-07	3.13E-05	1.94E-04	0.00E+00	5.74E-04	2.60E-09	7.95E-01	3.51E-03	6.29E-05	1.94E-03	0.00E+00	4.06E-05	8.86E-02	2.24E-01	0.00E+00	3.02E+00	3.91E+00	4.54E-05	1.16E-09	2.96E-02	0.00E+00	2.24E-01	5.48E+00	2.24E-01	2.53E-01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
	WNC162	1.46E-04	8.79E-02	1.08E-02	4.83E-02	0.00E+00	0.00E+00	6.40E-01	6.37E-07	6.17E-05	3.83E-04	0.00E+00	1.16E-03	5.19E-09	1.26E+00	6.92E-03	1.24E-04	3.92E-03	0.00E+00	8.07E-05	1.91E-02	4.11E-01	0.00E+00	5.96E+00	7.72E+00	8.29E-05	2.26E-09	5.88E-02	0.00E+00	4.41E-01	1.07E-09	5.09E-01	5.09E-01	5.88E-02	0.00E+00	0.00E+00	0.00E+00	3.47E-03
	WNC164	1.25E-04	5.32E-02	1.04E-02	4.48E-02	0.00E+00	0.00E+00	6.48E-01	6.14E-07	5.95E-05	3.70E-04	0.00E+00	1.09E-03	4.94E-09	1.44E+00	6.67E-03	1.20E-04	3.88E-03	0.00E+00	7.78E-05	1.84E-02	4.26E-01	0.00E+00	5.74E+00	7.44E+00	8.84E-05	2.20E-09	5.87E-02	0.00E+00	4.26E-01	1.04E-09	4.26E-01	4.82E-01	5.87E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
	WNC165	1.78E-04	7.79E-02	1.47E-02	6.32E-02	0.00E+00	0.00E+00	9.35E-01	8.68E-07	8.38E-05	5.21E-04	0.00E+00	1.54E-03	6.95E-09	2.04E+00	1.08E-04	1.86E-04	5.16E-03	0.00E+00	1.10E-04	2.39E-02	5.59E-01	0.00E+00	6.19E+00	8.09E+00	1.22E-05	3.11E-09	7.06E-02	0.00E+00	8.99E-01	1.47E-09	5.99E-01	6.79E-01	7.06E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-03
	WNC174	1.83E-04	5.32E-02	1.04E-02	4.48E-02	0.00E+00	0.00E+00	6.48E-01	6.14E-07	5.95E-05	3.70E-04	0.00E+00	1.09E-03	4.94E-09	1.44E+00	6.67E-03	1.20E-04	3.88E-03	0.00E+00	7.78E-05	1.84E-02	4.26E-01	0.00E+00	5.74E+00	7.44E+00	8.84E-05	2.20E-09	5.87E-02	0.00E+00	4.26E-01	1.04E-09	4.26E-01	4.82E-01	5.87E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
	WNC165	1.78E-04	7.79E-02	1.47E-02	6.32E-02	0.00E+00	0.00E+00	9.35E-01	8.68E-07	8.38E-05	5.21E-04	0.00E+00	1.54E-03	6.95E-09	2.04E+00	1.08E-04	1.86E-04	5.16E-03	0.00E+00	1.10E-04	2.39E-02	5.59E-01	0.00E+00	6.19E+00	8.09E+00	1.22E-05	3.11E-09	7.06E-02	0.00E+00	8.99E-01	1.47E-09	5.99E-01	6.79E-01	7.06E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-03
	WNE100B	9.90E-05	3.94E-02	7.43E-03	3.20E-02	0.00E+00	0.00E+00	4.81E-01	4.38E-07	4.25E-05	2.64E-04	0.00E+00	7.92E-04	3.53E-09	1.02E+00	4.78E-03	8.52E-05	2.83E-03	0.00E+00	6.65E-05	1.31E-02	3.25E-01	0.00E+00	4.10E+00	5.31E+00	6.17E-05	1.57E-09	4.03E-02	0.00E+00	3.02E-01	7.44E+00	3.02E-01	3.44E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.26E-03
	WNE100	6.96E-05	3.92E-02	5.42E-03	2.85E-02	0.00E+00	0.00E+00	3.41E-01	3.49E-07	3.19E-05	2.04E-04	0.00E+00	5.86E-04	2.57E-09	7.77E-01	4.31E-03	6.23E-05	3.21E-03	1.44E-03	5.08E-05	1.21E-02	2.39E-01	0.00E+00	3.12E+00	4.23E+00	4.75E-05	1.32E-09	3.23E-02	0.00E+00	2.39E-01	6.18E+00	2.39E-01	2.71E-01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03
	WNE160B	9.92E-05	3.94E-02	7.43E-03	3.20E-02	0.00E+00	0.00E+00	4.81E-01	4.38E-07	4.24E-05	2.64E-04	0.00E+00	7.92E-04	3.53E-09	1.02E+00	4.78E-03	8.52E-05	2.83E-03	0.00E+00	6.65E-05	1.31E-02	3.02E-01	0.00E+00	4.10E+00	5.31E+00	6.17E-05	1.57E-09	4.03E-02	0.00E+00	3.02E-01	7.44E+00	3.02E-01	3.44E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.26E-03
	WNE160	7.99E-05	3.39E-02	5.42E-03	2.82E-02	0.00E+00	0.00E+00	3.41E-01	3.49E-07	3.19E-05	2.04E-04	0.00E+00	5.86E-04	2.57E-09	7.77E-01	4.31E-03	6.23E-05	3.21E-03	1.44E-03	5.08E-05	1.21E-02	2.39E-01	0.00E+00	3.12E+00	4.23E+00	4.75E-05	1.32E-09	3.23E-02	0.00E+00	2.39E-01	6.18E+00	2.39E-01	2.71E-01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03
	WNE161B	9.92E-05	3.94E-02	7.43E-03	3.20E-02	0.00E+00	0.00E+00	4.81E-01	4.38E-07	4.24E-05	2.64E-04	0.00E+00	7.92E-04	3.53E-09	1.02E+00	4.78E-03	8.52E-05	2.83E-03	0.00E+00	6.65E-05	1.31E-02	3.02E-01	0.00E+00	4.10E+00	5.31E+00	6.17E-05	1.57E-09	4.03E-02	0.00E+00	3.02E-01	7.44E+00	3.02E-01	3.44E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.26E-03
	WNE161	7.99E-05	3.39E-02	5.42E-03	2.82E-02	0.00E+00	0.00E+00	3.41E-01	3.49E-07	3.19E-05	2.04E-04	0.00E+00	5.86E-04	2.57E-09	7.77E-01	4.31E-03	6.23E-05	3.21E-03	1.44E-03	5.08E-05	1.21E-02	2.39E-01	0.00E+00	3.12E+00	4.23E+00	4.75E-05	1.32E-09	3.23E-02	0.00E+00	2.39E-01	6.18E+00	2.39E-01	2.71E-01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03
	WPS82BKO	1.23E-04	5.66E-02	1.00E-02	4.66E-02	0.00E+00	0.00E+00	6.25E-01	6.11E-07	5.79E-05	3.64E-04	0.00E+00	1.06E-03	4.78E-09	1.41E+00	6.97E-03	1.15E-04	4.39E-03	9.29E-04	8.16E-05	1.94E-02	4.21E-01	0.00E+00	5.62E+00	7.43E+00	8.49E-05	2.24E-09	5.65E-02	0.00E+00	4.21E-01	1.05E-09	4.21E-01	4.78E-01	5.65E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-03
	WRSS82BSB	1.00E-04	4.24E-02	7.53E-03	3.49E-02	0.00E+00	0.00E+00	4.70E-01	4.58E-07	4.34E-05	2.73E-04	0.00E+00	7.99E-04	3.98E-09	1.05E+00	5.22E-03	8.65E-05	3.27E-03	1.72E-04	6.11E-05	1.45E-02	3.16E-01	0.00E+00	4.22E+00	5.59E+00	6.37E-05	1.68E-09	4.23E-02	0.00E+00	3.16E-01	7.89E+00	3.16E-01	3.58E-01	4.23E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
	WRF105	2.19E-05	8.99E-03	1.63E-03	7.23E-03	0.00E+00	0.00E+00	1.02E-01	9.98E-08	9.26E-08	6.10E-08	0.00E+00	1.77E-04	8.05E-09	1.76E-04	8.92E-04	1.64E-05	5.99E-04	0.00E+00	1.48E-05	3.96E-02	6.91E-02	0.00E+00	1.21E+00	1.51E+00	1.46E-05	3.65E-07	9.21E-03	0.00E+00	1.16E-01	6.91E-02	7.93E-01	9.21E-03	9.21E-03	1.46E-05	0.00E+00	0.00E+00	4.15E-04
	WRF160B	2.98E-05	1.05E-02	1.98E-03	8.52E-03	0.00E+00	0.00E+00	1.23E-01	1.17E-07	1.13E-05	7.02E-05	0.00E+00	2.07E-04	9.39E-09	2.74E-01	1.27E-03	2.27E-05	7.06E-04	1.48E-05	3.49E-03	8.07E-02	0.00E+00	1.09E+00	1.41E+00	1.84E-05	4.19E-07	1.08E-02	0.00E+00	8.07E-02	1.98E+00	8.07E-02	9.15E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.34E-04	
	WRF422B	4.34E-05	3.02E-02	3.62E-03	1.58E-02	0.00E+00	0.00E+00	2.28E-01	2.14E-07	2.07E-05	1.29E-04	0.00E+00	3.90E-04	1.72E-09	5.03E-01	2.32E-03	4.16E-05	1.28E-03	0.00E+00	2.71E-05	6.43E-03	1.48E-01	0.00E+00	2.09E+00	2.93E+00	3.01E-05	7.67E-07	1.97E-02	0.00E+00	1.48E-01	3.63E-01	1.48E-01	1.68E-01	1.97E-02	0.00E+00	0.00E+00	1.16E-03	
	WRF423B	3.98E-05	1.59E-02	3.00E-03	1.28E-02	0.00E+00	0.00E+00	1.88E-01	1.77E-07	1.72E-05	1.07E-04	0.00E+00	3.15E-04	1.43E-09	4.17E-01	1.93E-03	3.48E-05	1.06E-03	0.00E+00	2.34E-05	5.30E-03	1.23E-01	0.00E+00	1.86E+00	2.19E+00	2.49E-05	6.36E-07	1.64E-02										

SN0230C	4.80E-04	9.37E-02	1.73E-04	9.36E-02	0.00E+00	0.00E+00	1.77E-01	2.47E-07	5.89E-05	6.40E-04	0.00E+00	4.11E-03	1.18E-11	2.82E-10	1.35E-01	2.59E-03	0.00E+00	0.00E+00	1.65E-04	1.58E-02	2.37E+00	0.00E+00	4.54E-10	3.87E-05	1.84E-04	3.63E-09	6.26E-01	0.00E+00	2.37E+00	3.32E-09	2.37E+00	2.99E+00	6.26E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-03
SN025	1.19E-03	2.11E-01	3.89E-04	2.11E-01	0.00E+00	0.00E+00	3.99E-01	5.93E-07	1.32E-04	2.12E-03	0.00E+00	9.20E-03	2.86E-11	6.34E-10	3.04E-01	5.64E-03	0.00E+00	0.00E+00	3.80E-04	3.97E-02	5.33E+00	0.00E+00	1.02E-09	8.71E-05	4.15E-04	8.18E-09	1.41E+00	0.00E+00	5.33E+00	7.47E-09	5.33E+00	6.74E+00	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02	
SN0250Q	1.17E-03	2.28E-01	4.19E-04	2.27E-01	0.00E+00	0.00E+00	4.30E-01	6.00E-07	1.42E-04	2.28E-03	0.00E+00	9.99E-03	2.87E-11	8.84E-10	3.28E-01	6.31E-03	0.00E+00	0.00E+00	4.10E-04	3.95E-02	5.79E+00	0.00E+00	1.06E-09	9.40E-05	4.48E-04	8.83E-09	1.52E+00	0.00E+00	5.79E+00	8.06E-09	5.79E+00	7.27E+00	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-02	
SN116	2.28E-02	1.42E+01	2.81E-02	1.42E+01	0.00E+00	0.00E+00	2.86E-01	3.74E-07	8.99E-05	1.42E-01	0.00E+00	6.23E-01	1.79E-09	4.27E-08	2.04E-01	6.31E-01	0.00E+00	0.00E+00	2.56E-02	2.40E+00	3.02E+00	0.00E+00	6.80E-09	5.89E-07	2.79E-02	5.52E-04	9.49E+00	0.00E+00	3.59E+00	5.02E-09	3.59E+00	4.83E+00	1.94E+01	0.00E+00	0.00E+00	0.00E+00	1.09E+00	
SN216	7.28E-04	9.75E-02	1.06E-04	9.75E-02	0.00E+00	0.00E+00	1.06E-01	1.51E-07	3.78E-05	9.76E-04	0.00E+00	2.52E-03	7.22E-12	1.73E-10	8.26E-02	1.59E-03	0.00E+00	0.00E+00	1.00E-04	9.70E-02	1.44E+00	0.00E+00	2.78E-10	2.37E-05	1.13E-04	2.23E-06	3.64E-01	0.00E+00	1.44E+00	2.02E-09	1.44E+00	1.83E+00	3.64E-01	0.00E+00	0.00E+00	0.00E+00	4.00E+00	
SNS016	4.68E-04	9.13E-02	1.68E-04	9.13E-02	0.00E+00	0.00E+00	1.72E-01	2.40E-07	5.70E-05	9.15E-04	0.00E+00	4.00E-03	1.15E-11	2.74E-10	1.31E-01	2.53E-03	0.00E+00	0.00E+00	1.64E-04	1.54E-02	2.30E+00	0.00E+00	4.42E-10	3.70E-05	1.79E-04	3.54E-06	6.10E-01	0.00E+00	2.30E+00	3.23E-09	2.30E+00	2.91E+00	6.10E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-03	
WE122A	1.27E-03	2.31E-01	4.24E-04	2.30E-01	0.00E+00	0.00E+00	4.35E-01	6.97E-07	1.44E-04	2.31E-03	0.00E+00	1.01E-02	2.90E-11	6.92E-10	3.31E-01	6.38E-03	0.00E+00	0.00E+00	4.15E-04	3.89E-02	5.82E+00	0.00E+00	1.12E-09	9.51E-05	4.53E-04	8.93E-06	1.54E+00	0.00E+00	5.82E+00	8.15E-09	5.82E+00	7.38E+00	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02	
WE123A	1.27E-03	2.31E-01	4.24E-04	2.30E-01	0.00E+00	0.00E+00	4.35E-01	6.97E-07	1.44E-04	2.31E-03	0.00E+00	1.01E-02	2.90E-11	6.92E-10	3.31E-01	6.38E-03	0.00E+00	0.00E+00	4.15E-04	3.89E-02	5.82E+00	0.00E+00	1.12E-09	9.51E-05	4.53E-04	8.93E-06	1.54E+00	0.00E+00	5.82E+00	8.15E-09	5.82E+00	7.38E+00	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02	
WE123	1.72E-03	3.12E-01	5.75E-04	3.12E-01	0.00E+00	0.00E+00	5.90E-01	8.22E-07	1.99E-04	3.13E-03	0.00E+00	1.37E-02	3.93E-11	9.38E-10	4.48E-01	8.64E-03	0.00E+00	0.00E+00	5.62E-04	5.27E-02	7.88E+00	0.00E+00	1.51E-09	1.29E-04	6.13E-04	1.21E-05	2.09E+00	0.00E+00	7.88E+00	1.19E-07	7.88E+00	9.97E+00	2.09E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-02	
WH105853E	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.65E-02	9.28E-08	2.20E-05	3.52E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-05	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-09	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03	
WH105853F	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.65E-02	9.28E-08	2.20E-05	3.52E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-05	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-09	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03	
WH106453E	2.47E-04	4.83E-02	8.89E-05	4.83E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.89E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-05	9.46E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03	
WH106453F	2.47E-04	4.83E-02	8.89E-05	4.83E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.89E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-05	9.46E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03	
WH106457E	2.47E-04	4.83E-02	8.89E-05	4.83E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.89E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-05	9.46E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.71E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-03	
WH11580300A	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.65E-02	9.28E-08	2.20E-05	3.52E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-05	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-09	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03	
WH11580300C	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.65E-02	9.28E-08	2.20E-05	3.52E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-05	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-09	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03	
WH11585300C	3.32E-04	6.48E-02	1.19E-04	6.47E-02	0.00E+00	0.00E+00	1.22E-01	1.71E-07	4.05E-05	6.50E-04	0.00E+00	2.84E-03	8.15E-12	1.95E-10	9.32E-02	1.79E-03	0.00E+00	0.00E+00	1.17E-04	1.09E-02	1.64E+00	0.00E+00	3.14E-10	2.87E-05	1.27E-04	2.51E-06	4.32E-01	0.00E+00	1.64E+00	2.29E-09	1.64E+00	2.07E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	4.97E-03	
WH11596200A	5.78E-04	1.13E-01	2.08E-04	1.13E-01	0.00E+00	0.00E+00	2.13E-01	2.97E-07	7.94E-05	1.13E-03	0.00E+00	4.95E-03	1.42E-11	3.39E-10	1.62E-01	3.12E-03	0.00E+00	0.00E+00	2.02E-04	1.90E-02	2.85E+00	0.00E+00	5.47E-10	4.63E-05	2.22E-04	4.37E-06	7.54E-01	0.00E+00	2.85E+00	3.99E-09	2.85E+00	3.60E+00	7.54E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-03	
WH11625300C	4.46E-04	8.71E-02	1.60E-04	8.69E-02	0.00E+00	0.00E+00	1.64E-01	2.29E-07	5.43E-05	8.73E-04	0.00E+00	3.82E-03	1.05E-11	2.82E-10	1.28E-01	2.41E-03	0.00E+00	0.00E+00	1.57E-04	1.47E-02	2.20E+00	0.00E+00	4.22E-10	3.59E-05	1.71E-04	3.37E-06	5.82E-01	0.00E+00	2.20E+00	3.08E-09	2.29E+00	2.78E+00	5.82E-01	0.00E+00	0.00E+00	0.00E+00	6.87E-03	
WH11642300C	2.47E-04	4.83E-02	8.89E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.87E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-05	9.46E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03	
WH11642305C	2.47E-04	4.83E-02	8.89E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.87E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-05	9.46E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03	
WH11642700A	2.47E-04	4.83E-02	8.89E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.87E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-05	9.46E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03	
WH11642700C	2.47E-04	4.83E-02	8.89E-05	4.81E-02	0.00E+00	0.00E+00	9.10E-02	1.27E-07	3.01E-05	4.83E-04	0.00E+00	2.11E-03	6.06E-12	1.45E-10	6.92E-02	1.33E-03	0.00E+00	0.00E+00	8.87E-05	8.13E-03	1.22E+00	0.00E+00	2.33E-10	1.99E-05	9.46E-05	1.87E-06	3.23E-01	0.00E+00	1.22E+00	1.70E-08	1.22E+00	1.54E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-03	
WH12580300P	1.81E-04	3.52E-02	6.49E-05	3.52E-02	0.00E+00	0.00E+00	6.65E-02	9.28E-08	2.20E-05	3.52E-04	0.00E+00	1.54E-03	4.43E-12	1.06E-10	5.07E-02	9.75E-04	0.00E+00	0.00E+00	6.34E-05	5.95E-03	8.90E-01	0.00E+00	1.71E-10	1.45E-05	6.92E-05	1.37E-06	2.35E-01	0.00E+00	8.90E-01	1.25E-09	8.90E-01	1.13E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	2.70E-03	
WH12640300P	2.47E-04	4.83E-02	8.89E-05	4.83E-02	0.00E+00	0.00E+00	9.12E-02	1.27E-07	3.01E-05	4.84E-04	0.00E+00	2.12E-03	6.07E-12	1.45E-10	6.94E-02	1.34E-03	0.00E+00	0.00E+00	8.89E-05	8.15E-03	1.22E+00	0.00E+00	2.34E-10	1.99E-05	9.46E-05	1.87E-06	3.23E-01	0										

End of life Cr-Cr	WNA160	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.65E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-03	1.85E-04	3.65E-00	6.29E-01	0.00E+00	2.38E+00	3.33E-00	2.39E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
	WNA161B	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.65E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-03	1.85E-04	3.65E-00	6.29E-01	0.00E+00	2.38E+00	3.33E-00	2.39E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
	WNA161	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.65E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-03	1.85E-04	3.65E-00	6.29E-01	0.00E+00	2.38E+00	3.33E-00	2.39E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
	WNC100	2.79E-04	5.34E-02	9.62E-05	5.33E-02	0.00E+00	0.00E+00	1.01E-01	1.40E-07	3.33E-05	5.35E-04	0.00E+00	2.34E-03	6.71E-12	1.60E-10	7.67E-02	1.48E-03	0.00E+00	0.00E+00	9.62E-09	9.01E-02	1.39E+00	0.00E+00	2.59E-10	2.20E-03	1.05E-04	2.07E-06	3.56E-01	0.00E+00	1.39E+00	1.89E-00	1.35E+00	1.70E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	4.69E-03
	WNC122	5.17E-04	1.34E-02	9.62E-05	1.00E-01	0.00E+00	0.00E+00	2.02E-01	2.81E-07	6.68E-05	1.07E-03	0.00E+00	4.98E-03	1.34E-11	3.21E-10	1.54E-01	2.90E-03	0.00E+00	0.00E+00	9.62E-09	9.01E-02	1.39E+00	0.00E+00	2.59E-10	2.20E-03	1.05E-04	2.07E-06	7.16E-01	0.00E+00	2.69E+00	3.77E-00	2.68E+00	3.00E+00	7.16E-01	0.00E+00	0.00E+00	0.00E+00	4.99E-03
	WNC123	8.20E-04	1.60E-01	2.95E-04	1.60E-01	0.00E+00	0.00E+00	3.02E-01	4.21E-07	9.99E-05	1.60E-03	0.00E+00	7.02E-03	2.01E-11	4.81E-10	2.30E-01	4.43E-03	0.00E+00	0.00E+00	2.88E-04	2.70E-02	4.04E+00	0.00E+00	7.76E-10	6.03E-03	3.14E-04	6.20E-06	1.07E+00	0.00E+00	4.04E+00	5.66E-00	4.04E+00	5.11E+00	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02
	WNC160	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.65E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-03	1.85E-04	3.65E-00	6.29E-01	0.00E+00	2.38E+00	3.33E-00	2.39E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
	WNC161B	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.65E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-03	1.85E-04	3.65E-00	6.29E-01	0.00E+00	2.38E+00	3.33E-00	2.39E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
	WNC161	4.82E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.65E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-03	1.85E-04	3.65E-00	6.29E-01	0.00E+00	2.38E+00	3.33E-00	2.39E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
	WNC162	5.87E-04	1.07E-01	1.97E-04	1.07E-01	0.00E+00	0.00E+00	2.02E-01	2.81E-07	6.67E-05	1.07E-03	0.00E+00	4.88E-03	1.34E-11	3.21E-10	1.54E-01	2.90E-03	0.00E+00	0.00E+00	1.92E-04	1.80E-02	2.70E+00	0.00E+00	5.18E-10	4.40E-03	2.10E-04	4.14E-06	7.13E-01	0.00E+00	2.70E+00	3.78E-00	2.70E+00	3.41E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-03
	WNC164	8.20E-04	1.60E-01	2.94E-04	1.60E-01	0.00E+00	0.00E+00	3.02E-01	4.21E-07	9.99E-05	1.60E-03	0.00E+00	7.01E-03	2.01E-11	4.81E-10	2.30E-01	4.43E-03	0.00E+00	0.00E+00	2.88E-04	2.70E-02	4.04E+00	0.00E+00	7.76E-10	6.03E-03	3.14E-04	6.20E-06	1.07E+00	0.00E+00	4.04E+00	5.66E-00	4.04E+00	5.11E+00	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02
	WNC165	8.20E-04	1.60E-01	2.94E-04	1.60E-01	0.00E+00	0.00E+00	3.02E-01	4.21E-07	9.99E-05	1.60E-03	0.00E+00	7.01E-03	2.01E-11	4.81E-10	2.30E-01	4.43E-03	0.00E+00	0.00E+00	2.88E-04	2.70E-02	4.04E+00	0.00E+00	7.76E-10	6.03E-03	3.14E-04	6.20E-06	1.07E+00	0.00E+00	4.04E+00	5.66E-00	4.04E+00	5.11E+00	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02
	WNC174	5.87E-04	1.07E-01	1.97E-04	1.07E-01	0.00E+00	0.00E+00	2.02E-01	2.81E-07	6.67E-05	1.07E-03	0.00E+00	4.88E-03	1.34E-11	3.21E-10	1.54E-01	2.90E-03	0.00E+00	0.00E+00	1.92E-04	1.80E-02	2.70E+00	0.00E+00	5.18E-10	4.40E-03	2.10E-04	4.14E-06	7.13E-01	0.00E+00	2.70E+00	3.78E-00	2.70E+00	3.41E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	8.18E-03
	WNE100B	2.79E-04	5.34E-02	9.62E-05	5.33E-02	0.00E+00	0.00E+00	1.01E-01	1.40E-07	3.33E-05	5.35E-04	0.00E+00	2.34E-03	6.71E-12	1.60E-10	7.67E-02	1.48E-03	0.00E+00	0.00E+00	9.62E-09	9.01E-02	1.39E+00	0.00E+00	2.59E-10	2.20E-03	1.05E-04	2.07E-06	3.56E-01	0.00E+00	1.39E+00	1.89E-00	1.35E+00	1.70E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	4.69E-03
	WNE100	2.79E-04	5.34E-02	9.62E-05	5.33E-02	0.00E+00	0.00E+00	1.01E-01	1.40E-07	3.33E-05	5.35E-04	0.00E+00	2.34E-03	6.71E-12	1.60E-10	7.67E-02	1.48E-03	0.00E+00	0.00E+00	9.62E-09	9.01E-02	1.39E+00	0.00E+00	2.59E-10	2.20E-03	1.05E-04	2.07E-06	3.56E-01	0.00E+00	1.39E+00	1.89E-00	1.35E+00	1.70E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	4.69E-03
	WNE160	5.18E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.65E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-03	1.85E-04	3.65E-00	6.29E-01	0.00E+00	2.38E+00	3.33E-00	2.39E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
	WNE161B	5.18E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.65E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-03	1.85E-04	3.65E-00	6.29E-01	0.00E+00	2.38E+00	3.33E-00	2.39E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
	WNE161	5.18E-04	9.41E-02	1.73E-04	9.39E-02	0.00E+00	0.00E+00	1.78E-01	2.48E-07	5.87E-05	9.44E-04	0.00E+00	4.13E-03	1.18E-11	2.83E-10	1.35E-01	2.60E-03	0.00E+00	0.00E+00	1.65E-04	1.59E-02	2.38E+00	0.00E+00	4.56E-10	3.88E-03	1.85E-04	3.65E-00	6.29E-01	0.00E+00	2.38E+00	3.33E-00	2.39E+00	3.00E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	7.21E-03
	WPS82BSB	1.10E-03	3.15E-01	3.96E-04	2.18E-01	0.00E+00	0.00E+00	4.08E-01	5.86E-07	1.34E-04	2.18E-03	0.00E+00	9.42E-03	2.70E-11	4.48E-10	3.08E-01	5.90E-03	0.00E+00	0.00E+00	3.87E-04	3.83E-02	5.43E+00	0.00E+00	1.04E-09	8.87E-03	4.22E-04	8.33E-06	1.44E+00	0.00E+00	5.43E+00	7.61E-00	5.43E+00	6.88E+00	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-02
	WRS82BSB	1.36E-03	2.48E-01	4.57E-04	2.48E-01	0.00E+00	0.00E+00	4.89E-01	6.53E-07	1.95E-04	2.48E-03	0.00E+00	1.09E-02	3.12E-11	7.45E-10	3.57E-01	6.87E-03	0.00E+00	0.00E+00	4.47E-04	4.19E-02	6.28E+00	0.00E+00	1.26E-09	1.02E-03	4.87E-04	9.62E-06	1.66E+00	0.00E+00	6.28E+00	8.78E-00	6.28E+00	7.92E+00	1.66E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02
	WRSS82BSW	1.36E-03	2.48E-01	4.57E-04	2.48E-01	0.00E+00	0.00E+00	4.89E-01	6.53E-07	1.95E-04	2.48E-03	0.00E+00	1.09E-02	3.12E-11	7.45E-10	3.57E-01	6.87E-03	0.00E+00	0.00E+00	4.47E-04	4.19E-02	6.28E+00	0.00E+00	1.26E-09	1.02E-03	4.87E-04	9.62E-06	1.66E+00	0.00E+00	6.28E+00	8.78E-00	6.28E+00	7.92E+00	1.66E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02
	WXF105	6.79E-04	1.23E-01	2.27E-04	1.23E-01	0.00E+00	0.00E+00	2.33E-01	3.22E-07	7.70E-05	1.24E-03	0.00E+00	5.41E-03	1.58E-11	3.71E-10	1.77E-01	3.42E-03	0.00E+00	0.00E+00	2.22E-04	2.09E-02	3.12E+00	0.00E+00	5.99E-10	5.09E-03	2.42E-04	4.78E-06	8.25E-01	0.00E+00	3.12E+00	4.37E-00	3.12E+00	3.94E+00	8.25E-01	0.00E+00	0.00E+00	0.00E+00	9.46E-03
	WXF160B	4.23E-04	7.69E-02	1.41E-04	7.67E-02	0.00E+00	0.00E+00	1.40E-01	2.02E-07	4.80E-05	7.70E-04	0.00E+00	3.37E-03	9.66E-12	2.31E-10	1.10E-01	2.13E-03	0.00E+00	0.00E+00	1.36E-04	1.30E-02	1.94E+00	0.00E+00	3.72E-10	3.17E-03	1.31E-04	2.88E-06	5.13E-01	0.00E+00	1.94E+00	2.72E-00	1.94E+00	2.45E+00	5.13E-01	0.00E+00	0.00E+00	0.00E+00	8.69E-03
	WXF422B	3.02E-03	1.16E-01	5.82E-04	3.16E-01	0.00E+00	0.00E+00	5.97E-01	8.32E-07	1.97E-04	3.17E-03	0.00E+00	1.36E-02	3.98E-11	8.00E-10	4.58E-01	8.74E-03	0.00E+00	0.00E+00	5.68E-04	5.40E-02	7.98E+00	0.00E+00	1.53E-09	1.30E-03	6.21E-04	1.23E-05	2.11E+00	0.00E+00	7.98E+00	1.12E-07	7.98E+00	1.01E+01	2.11E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-02
	WXF423B	1.64E-03	5.64E-01	1.08E-03	5.62E-01	0.00E+00	0.00E+00	1.12E+00	1.58E-08	3.70E-04	8.93E-03	0.00E+00	2.60E-02	7.48E-11	1.78E-09	8.53E-01	1.64E-02	0.00E+00	0.00E+00	1.07E-03	1.02E-01	1.50E+00	0.00E+00	2.88E-09	2.46E-03	1.17E-03	3.23E-05	3.97E+00	0.00E+00	1.50E+01	2.18E-07	1.52E+01	3.9					

SN023	8.14E-04	1.04E-01	1.99E-03	1.02E-01	0.00E+00	0.00E+00	3.72E-01	8.32E-07	2.50E-04	8.60E-04	0.00E+00	2.44E-10	6.52E-11	2.62E-09	3.35E-03	1.45E-01	0.00E+00	0.00E+00	3.50E-01	1.10E-08	8.84E-01	0.00E+00	7.36E-09	3.67E-05	2.65E-04	7.82E-09	6.54E-02	0.00E+00	8.84E-01	2.85E-07	8.84E-01	9.50E-01	8.54E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-01
SN0230C	7.35E-04	1.27E-01	2.23E-03	1.18E-01	0.00E+00	0.00E+00	3.62E-01	8.30E-07	3.03E-04	1.10E-03	0.00E+00	2.50E-10	6.88E-11	3.55E-09	3.43E-03	1.60E-01	0.00E+00	0.00E+00	3.75E-01	1.10E-08	9.24E-01	0.00E+00	7.71E-09	4.03E-05	3.03E-04	8.23E-09	7.05E-02	0.00E+00	9.24E-01	2.89E-07	9.24E-01	9.59E-01	7.09E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-01
SN025	1.96E-03	1.11E-01	2.47E-03	1.06E-01	0.00E+00	0.00E+00	4.68E-01	9.59E-07	3.05E-04	1.04E-03	0.00E+00	2.76E-10	8.28E-11	3.90E-09	3.89E-03	1.77E-01	0.00E+00	0.00E+00	4.28E-01	1.23E-08	9.90E-01	0.00E+00	8.27E-09	4.16E-05	2.93E-04	8.77E-09	7.52E-02	0.00E+00	9.90E-01	2.93E-07	9.90E-01	1.07E+00	1.92E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-01
SN0250C	3.96E-04	1.28E-01	2.77E-03	1.23E-01	0.00E+00	0.00E+00	4.75E-01	1.00E-06	3.24E-04	1.17E-03	0.00E+00	2.71E-10	9.41E-11	3.24E-09	3.76E-03	1.81E-01	0.00E+00	0.00E+00	4.64E-01	1.35E-08	9.91E-01	0.00E+00	8.50E-09	4.32E-05	3.34E-04	8.92E-09	8.66E-02	0.00E+00	9.91E-01	2.92E-07	1.03E+00	1.10E+00	8.60E-02	0.00E+00	0.00E+00	1.69E-01	
SN116	8.62E-04	2.27E-01	2.66E-03	2.24E-01	0.00E+00	0.00E+00	4.75E-01	5.24E-07	4.23E-04	1.66E-03	0.00E+00	1.04E-10	5.04E-10	4.10E-09	3.74E-03	1.01E-01	6.32E-06	0.00E+00	3.44E-01	5.02E-08	3.91E-01	0.00E+00	8.50E-09	4.32E-05	3.45E-04	1.70E-08	7.16E-02	0.00E+00	1.03E+00	1.23E-07	1.03E+00	1.10E+00	8.50E-02	0.00E+00	0.00E+00	1.86E-01	
SN216	1.00E-03	1.32E-01	2.79E-03	1.30E-01	0.00E+00	0.00E+00	4.57E-01	9.30E-07	3.56E-04	1.21E-03	0.00E+00	2.75E-10	8.17E-11	3.70E-09	3.84E-03	2.07E-01	0.00E+00	0.00E+00	4.53E-01	1.29E-08	1.02E+00	0.00E+00	8.64E-09	4.58E-05	3.45E-04	9.20E-09	8.50E-02	0.00E+00	1.02E+00	1.23E-07	1.02E+00	1.10E+00	8.50E-02	0.00E+00	0.00E+00	1.65E-01	
SNS016	8.18E-04	1.28E-01	2.35E-03	1.26E-01	0.00E+00	0.00E+00	3.80E-01	8.16E-07	4.23E-04	1.17E-03	0.00E+00	2.59E-10	6.88E-11	4.17E-09	3.53E-03	1.76E-01	0.00E+00	0.00E+00	3.88E-01	1.23E-08	9.56E-01	0.00E+00	8.17E-09	4.23E-05	3.24E-04	8.68E-09	7.56E-02	0.00E+00	9.56E-01	2.88E-07	9.56E-01	1.03E+00	1.93E-02	0.00E+00	0.00E+00	1.45E-01	
WE122A	2.94E-03	2.17E-01	8.79E-03	2.08E-01	0.00E+00	0.00E+00	5.55E-01	1.01E-06	7.75E-04	1.88E-03	0.00E+00	4.28E-10	1.08E-10	7.89E-09	5.07E-03	2.37E-01	0.00E+00	0.00E+00	5.81E-01	8.31E-08	1.32E+00	0.00E+00	1.16E-08	6.20E-05	5.11E-04	2.14E-07	1.08E-01	0.00E+00	1.32E+00	2.34E-07	1.32E+00	1.43E+00	1.08E-01	0.00E+00	0.00E+00	2.03E-01	
WE122	2.06E-03	2.19E-01	8.79E-03	2.18E-01	0.00E+00	0.00E+00	5.55E-01	1.05E-06	7.91E-04	1.91E-03	0.00E+00	4.28E-10	1.08E-10	7.91E-09	5.07E-03	2.37E-01	0.00E+00	0.00E+00	5.81E-01	8.31E-08	1.32E+00	0.00E+00	1.17E-08	6.20E-05	5.11E-04	2.14E-07	1.02E-01	0.00E+00	1.32E+00	2.34E-07	1.32E+00	1.43E+00	1.08E-01	0.00E+00	0.00E+00	2.03E-01	
WE123A	3.07E-03	3.32E-01	1.53E-02	3.18E-01	0.00E+00	0.00E+00	8.39E-01	1.52E-06	1.17E-03	2.85E-03	0.00E+00	-1.20E-10	1.83E-10	1.19E-09	7.69E-03	4.18E-01	0.00E+00	0.00E+00	8.48E-01	1.93E-08	1.99E+00	0.00E+00	1.77E-08	9.36E-05	7.75E-04	4.04E-07	1.62E-01	0.00E+00	1.99E+00	3.21E-07	1.99E+00	2.18E+00	1.62E-01	0.00E+00	0.00E+00	3.06E-01	
WE123	3.10E-03	3.36E-01	1.54E-02	3.20E-01	0.00E+00	0.00E+00	8.50E-01	1.57E-06	1.17E-03	2.90E-03	0.00E+00	-1.20E-10	1.85E-10	1.19E-09	7.80E-03	4.23E-01	0.00E+00	0.00E+00	8.61E-01	1.93E-08	2.00E+00	0.00E+00	1.82E-08	9.63E-05	7.86E-04	4.05E-07	1.65E-01	0.00E+00	2.00E+00	3.35E-07	2.00E+00	2.22E+00	1.65E-01	0.00E+00	0.00E+00	3.12E-01	
WH105853E	3.32E-04	3.56E-02	8.73E-04	3.47E-02	0.00E+00	0.00E+00	1.41E-01	2.49E-07	2.07E-04	3.18E-04	0.00E+00	7.01E-11	2.70E-11	2.11E-09	9.60E-04	6.20E-02	0.00E+00	0.00E+00	1.34E-01	3.39E-08	2.41E-01	0.00E+00	2.04E-09	1.18E-05	9.17E-05	2.34E-09	2.48E-02	0.00E+00	2.41E-01	4.07E-08	2.41E-01	2.68E-01	2.48E-02	0.00E+00	0.00E+00	4.90E-02	
WH105853F	3.08E-04	4.34E-02	1.28E-03	4.23E-02	0.00E+00	0.00E+00	2.37E-01	4.82E-07	2.14E-04	3.24E-04	0.00E+00	1.15E-10	4.83E-11	3.26E-09	1.57E-03	8.27E-02	0.00E+00	0.00E+00	2.11E-01	4.88E-08	3.67E-01	0.00E+00	2.98E-09	1.87E-05	1.13E-04	3.48E-09	3.80E-02	0.00E+00	3.67E-01	6.87E-08	3.67E-01	4.96E-01	3.80E-02	0.00E+00	0.00E+00	1.74E-02	
WH106453E	1.02E-03	8.64E-02	2.58E-03	8.36E-02	0.00E+00	0.00E+00	3.96E-01	6.56E-07	6.80E-04	7.73E-04	0.00E+00	1.62E-10	7.74E-11	6.97E-09	2.62E-03	1.77E-01	0.00E+00	0.00E+00	3.75E-01	7.72E-08	5.69E-01	0.00E+00	4.82E-09	2.92E-05	2.32E-04	5.50E-09	6.86E-02	0.00E+00	5.69E-01	4.85E-08	5.69E-01	6.96E-01	6.86E-02	0.00E+00	0.00E+00	1.74E-02	
WH106453F	1.09E-03	8.51E-02	2.63E-03	8.22E-02	0.00E+00	0.00E+00	3.94E-01	6.90E-07	6.88E-04	8.07E-04	0.00E+00	2.11E-10	9.88E-11	7.25E-09	3.00E-03	1.99E-01	0.00E+00	0.00E+00	4.58E-01	8.45E-08	5.70E-01	0.00E+00	5.65E-09	3.39E-05	2.56E-04	6.73E-09	6.31E-02	0.00E+00	5.70E-01	8.94E-08	5.70E-01	7.99E-01	6.31E-02	0.00E+00	0.00E+00	1.86E-02	
WH106457E	1.18E-03	8.78E-02	2.64E-03	8.52E-02	0.00E+00	0.00E+00	4.22E-01	6.98E-07	7.21E-04	7.91E-04	0.00E+00	1.68E-10	8.20E-11	7.41E-09	2.44E-03	1.87E-01	0.00E+00	0.00E+00	3.97E-01	7.97E-08	5.98E-01	0.00E+00	5.08E-09	3.07E-05	2.45E-04	5.68E-09	7.26E-02	0.00E+00	5.98E-01	5.21E-08	5.98E-01	6.70E-01	7.26E-02	0.00E+00	0.00E+00	1.47E-02	
WH11580300A	1.06E-04	4.18E-02	7.77E-03	3.37E-02	0.00E+00	0.00E+00	1.13E-01	2.01E-07	4.52E-05	2.85E-04	0.00E+00	-8.00E-11	2.04E-11	5.20E-10	8.22E-04	3.17E-02	0.00E+00	0.00E+00	8.44E-02	1.19E-02	1.82E-01	0.00E+00	1.55E-09	7.39E-05	6.98E-05	1.47E-02	3.82E-02	0.00E+00	1.82E-01	6.64E-08	1.82E-01	1.47E-02	1.47E-02	0.00E+00	0.00E+00	2.99E-02	
WH11580300C	3.83E-04	2.78E-02	5.77E-03	5.37E-02	0.00E+00	0.00E+00	1.13E-01	5.13E-07	2.21E-04	4.77E-04	0.00E+00	-2.21E-10	4.95E-11	2.48E-09	1.72E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	2.91E-02	3.67E-01	0.00E+00	3.15E-09	1.81E-05	1.31E-04	7.10E-07	3.72E-02	0.00E+00	3.67E-01	1.82E-07	3.67E-01	4.24E-01	3.72E-02	0.00E+00	0.00E+00	8.02E-02	
WH11585300C	3.83E-04	2.78E-02	5.77E-03	5.37E-02	0.00E+00	0.00E+00	1.13E-01	5.13E-07	2.21E-04	4.77E-04	0.00E+00	-2.21E-10	4.95E-11	2.48E-09	1.72E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	2.91E-02	3.67E-01	0.00E+00	3.15E-09	1.81E-05	1.31E-04	7.10E-07	3.72E-02	0.00E+00	3.67E-01	1.82E-07	3.67E-01	4.24E-01	3.72E-02	0.00E+00	0.00E+00	8.02E-02	
WH11596200A	7.93E-04	8.93E-02	1.06E-02	7.98E-02	0.00E+00	0.00E+00	3.11E-01	5.16E-07	4.83E-04	1.10E-04	0.00E+00	-1.07E-10	6.94E-11	4.92E-09	1.97E-03	1.34E-01	0.00E+00	0.00E+00	2.88E-01	1.42E-02	4.74E-01	0.00E+00	4.07E-09	2.39E-05	2.07E-04	3.48E-07	5.18E-02	0.00E+00	4.74E-01	1.75E-08	4.74E-01	5.29E-01	5.18E-02	0.00E+00	0.00E+00	1.05E-01	
WH11625300C	8.96E-04	1.12E-01	2.34E-02	8.83E-02	0.00E+00	0.00E+00	4.35E-01	7.37E-07	5.98E-04	7.88E-04	0.00E+00	-2.62E-10	8.11E-11	5.43E-09	2.58E-03	1.55E-01	0.00E+00	0.00E+00	3.68E-01	3.43E-02	5.97E-01	0.00E+00	4.87E-09	2.89E-05	2.23E-04	8.43E-07	6.36E-02	0.00E+00	5.97E-01	2.28E-07	5.97E-01	6.51E-01	6.36E-02	0.00E+00	0.00E+00	1.33E-01	
WH11642300C	1.08E-03	1.30E-01	2.45E-02	1.06E-01	0.00E+00	0.00E+00	5.52E-01	9.54E-07	6.97E-04	8.60E-04	0.00E+00	-2.60E-10	1.03E-10	7.45E-09	3.21E-03	2.04E-01	0.00E+00	0.00E+00	4.75E-01	3.43E-02	7.37E-01	0.00E+00	6.10E-09	3.44E-05	2.78E-04	8.39E-07	8.28E-02	0.00E+00	7.37E-01	2.15E-07	7.37E-01	8.20E-01	8.28E-02	0.00E+00	0.00E+00	1.74E-01	
WH11642700A	1.09E-03	1.09E-01	1.27E-02	9.27E-02	0.00E+00	0.00E+00	4.48E-01	7.48E-07	7.20E-04	8.48E-04	0.00E+00	-1.24E-10	8.64E-11	7.91E-09	2.81E-03	1.91E-01	0.00E+00	0.00E+00	4.16E-01	1.63E-02	8.28E-01	0.00E+00	5.27E-09	3.14E-05	2.32E-04	4.02E-07	7.48E-02	0.00E+00	8.28E-01	8.53E-08	6.26E-01	7.00E-01	7.48E-02	0.00E+00	0.00E+00	1.53E-01	
WH11642700C	1.14E-03	1.32E-01	2.41E-02	1.07E-01	0.00E+00	0.00E+00	5.78E-01	1.00E-06	7.97E-04	9.77E-04	0.00E+00	-2.60E-10	1.08E-10	7.84E-09	3.33E-03	2.14E-01	0.00E+00	0.00E+00	4.95E-01	3.43E-02	7.67E-01	0.00E+00	6.33E-09	3.90E-05	2.86E-04	8.39E-07	8.66E-02	0.00E+00	7.67E-01	2.11E-07	7.67E-01	8.54E-01	8.69E-02	0.00E+00	0.00E+00	1.83E-01	
WH12580300P	3.88E-04	7.84E-02	2.68E-02	5.24E-02	0.00E+00	0.00E+00	1.72E-01	3.11E-07	3.27E-04	4.67E-04	0.00E+00	3.10E-10	3.26E-11	2.37E-09	1.57E-03	7.08E-02	0.00E+00	0.00E+00	1.65E-01	4.09E-02	3.48E-01	0.00E+00	2.98E-09	1.48E-05	1.28E-04	9.43E-07	2.73E-02	0.00E+00	3.48E-01	2.88E-07	3.48E-01	3.74E-01	2.73E-02	0.00E+00	0.00E+00	8.19E-02	
WH12640300P	1.15E-03	1.17E-01	2.63E-02	1.12E-01	0.00E+00	0.00E+00	4.72E-01	8.87E-07	7.18E-04	1.13E-03	0.00E+00	-5.36E-10	8.76E-																								

WH25620100C	8.93E-04	1.21E-01	2.85E-02	9.51E-02	0.00E+00	0.00E+00	4.51E-01	8.06E-07	5.14E-04	8.62E-04	0.00E+00	-2.93E-01	8.36E-11	5.48E-09	2.81E-03	1.63E-01	0.00E+00	0.00E+00	3.87E-01	3.88E-02	6.50E-01	0.00E+00	5.36E-09	2.93E-09	2.45E-04	9.41E-07	6.67E-02	0.00E+00	6.50E-01	3.36E-07	6.50E-01	7.17E-01	8.67E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-01
WH25620300C	8.93E-04	1.16E-01	2.59E-02	8.98E-02	0.00E+00	0.00E+00	4.36E-01	7.97E-07	5.09E-04	7.96E-04	0.00E+00	-2.92E-01	8.11E-11	5.44E-09	2.59E-03	1.50E-01	0.00E+00	0.00E+00	3.69E-01	3.88E-02	6.50E-01	0.00E+00	4.98E-09	2.69E-09	2.25E-04	9.41E-07	6.74E-02	0.00E+00	6.50E-01	2.64E-07	6.50E-01	6.91E-01	8.52E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-01
WH25620700C	8.86E-04	1.17E-01	2.60E-02	9.12E-02	0.00E+00	0.00E+00	4.42E-01	8.06E-07	5.51E-04	8.18E-04	0.00E+00	-2.92E-01	8.59E-11	5.50E-09	2.72E-03	1.60E-01	0.00E+00	0.00E+00	3.90E-01	3.86E-02	6.19E-01	0.00E+00	5.12E-09	2.84E-09	2.33E-04	9.41E-07	6.74E-02	0.00E+00	6.19E-01	2.60E-07	6.19E-01	6.98E-01	8.74E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-01
WH25625300C	8.85E-04	1.14E-01	2.47E-02	8.91E-02	0.00E+00	0.00E+00	4.32E-01	7.97E-07	5.01E-04	7.93E-04	0.00E+00	-2.78E-01	8.11E-11	5.44E-09	2.59E-03	1.50E-01	0.00E+00	0.00E+00	3.68E-01	3.86E-02	6.50E-01	0.00E+00	4.98E-09	2.69E-09	2.24E-04	9.39E-07	6.34E-02	0.00E+00	6.50E-01	2.47E-07	6.50E-01	6.51E-01	8.34E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-01
WH25625700C	8.85E-04	1.15E-01	2.48E-02	9.02E-02	0.00E+00	0.00E+00	4.36E-01	8.06E-07	5.51E-04	8.13E-04	0.00E+00	-2.78E-01	8.59E-11	5.50E-09	2.72E-03	1.60E-01	0.00E+00	0.00E+00	3.90E-01	3.86E-02	6.19E-01	0.00E+00	5.12E-09	2.84E-09	2.33E-04	9.41E-07	6.74E-02	0.00E+00	6.19E-01	2.48E-07	6.19E-01	6.98E-01	8.74E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-01
WH25640100C	1.12E-03	1.45E-01	2.87E-02	1.18E-01	0.00E+00	0.00E+00	5.96E-01	1.05E-06	7.06E-04	1.06E-03	0.00E+00	-2.92E-01	1.11E-10	7.51E-09	3.59E-03	2.17E-01	0.00E+00	0.00E+00	5.12E-01	3.85E-02	8.32E-01	0.00E+00	6.87E-09	3.81E-09	3.05E-04	9.40E-07	8.03E-02	0.00E+00	8.32E-01	2.19E-07	8.32E-01	9.21E-01	8.93E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-01
WH25640300C	1.08E-03	1.34E-01	2.85E-02	1.06E-01	0.00E+00	0.00E+00	5.53E-01	9.56E-07	6.97E-04	9.73E-04	0.00E+00	-2.91E-01	1.05E-10	7.42E-09	3.22E-03	2.04E-01	0.00E+00	0.00E+00	4.78E-01	3.84E-02	7.37E-01	0.00E+00	6.11E-09	3.44E-09	3.85E-04	9.36E-07	8.25E-02	0.00E+00	1.73E-01	2.51E-07	7.37E-01	8.20E-01	8.26E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-01
WH25640303C	1.08E-03	1.35E-01	2.70E-02	1.06E-01	0.00E+00	0.00E+00	5.53E-01	9.56E-07	6.97E-04	9.73E-04	0.00E+00	-2.91E-01	1.05E-10	7.42E-09	3.22E-03	2.04E-01	0.00E+00	0.00E+00	4.78E-01	3.84E-02	7.37E-01	0.00E+00	6.11E-09	3.44E-09	3.85E-04	9.36E-07	8.25E-02	0.00E+00	1.73E-01	2.51E-07	7.37E-01	8.20E-01	8.26E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-01
WH25640304C	1.08E-03	1.35E-01	2.70E-02	1.06E-01	0.00E+00	0.00E+00	5.53E-01	9.56E-07	6.97E-04	9.73E-04	0.00E+00	-2.91E-01	1.05E-10	7.42E-09	3.22E-03	2.04E-01	0.00E+00	0.00E+00	4.78E-01	3.84E-02	7.37E-01	0.00E+00	6.11E-09	3.44E-09	3.85E-04	9.36E-07	8.25E-02	0.00E+00	1.73E-01	2.51E-07	7.37E-01	8.20E-01	8.26E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-01
WH25640305C	1.08E-03	1.34E-01	2.65E-02	1.06E-01	0.00E+00	0.00E+00	5.53E-01	9.56E-07	6.97E-04	9.73E-04	0.00E+00	-2.91E-01	1.05E-10	7.42E-09	3.22E-03	2.04E-01	0.00E+00	0.00E+00	4.78E-01	3.84E-02	7.37E-01	0.00E+00	6.11E-09	3.44E-09	3.85E-04	9.36E-07	8.25E-02	0.00E+00	1.73E-01	2.51E-07	7.37E-01	8.20E-01	8.26E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-01
WH25640500C	1.17E-03	1.43E-01	2.68E-02	1.16E-01	0.00E+00	0.00E+00	5.99E-01	1.07E-06	7.44E-04	1.06E-03	0.00E+00	-2.92E-01	1.11E-10	7.50E-09	3.62E-03	2.24E-01	0.00E+00	0.00E+00	5.23E-01	3.85E-02	8.48E-01	0.00E+00	6.98E-09	3.93E-09	3.97E-04	9.45E-07	9.12E-02	0.00E+00	8.48E-01	1.23E-07	8.48E-01	9.39E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-01
WH25640700C	1.14E-03	1.36E-01	2.66E-02	1.09E-01	0.00E+00	0.00E+00	5.78E-01	1.00E-06	7.38E-04	9.87E-04	0.00E+00	-2.91E-01	1.08E-10	7.85E-09	3.34E-03	2.14E-01	0.00E+00	0.00E+00	4.95E-01	3.84E-02	7.67E-01	0.00E+00	6.32E-09	3.58E-09	2.88E-04	9.39E-07	8.65E-02	0.00E+00	7.67E-01	2.48E-07	7.67E-01	8.32E-01	8.65E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-01
WH25640705C	1.14E-03	1.36E-01	2.66E-02	1.09E-01	0.00E+00	0.00E+00	5.78E-01	1.00E-06	7.38E-04	9.87E-04	0.00E+00	-2.91E-01	1.08E-10	7.85E-09	3.34E-03	2.14E-01	0.00E+00	0.00E+00	4.95E-01	3.84E-02	7.67E-01	0.00E+00	6.32E-09	3.58E-09	2.88E-04	9.39E-07	8.65E-02	0.00E+00	7.67E-01	2.48E-07	7.67E-01	8.32E-01	8.65E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-01
WH25645300C	1.06E-03	1.32E-01	2.59E-02	1.07E-01	0.00E+00	0.00E+00	5.77E-01	9.56E-07	6.97E-04	9.87E-04	0.00E+00	-2.84E-01	1.05E-10	7.41E-09	3.16E-03	2.04E-01	0.00E+00	0.00E+00	4.75E-01	3.74E-02	7.67E-01	0.00E+00	6.32E-09	3.59E-09	2.87E-04	9.14E-07	8.25E-02	0.00E+00	1.73E-01	2.42E-07	7.67E-01	8.32E-01	8.26E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-01
WH25645700C	1.14E-03	1.35E-01	2.60E-02	1.09E-01	0.00E+00	0.00E+00	5.78E-01	1.00E-06	7.37E-04	9.85E-04	0.00E+00	-2.84E-01	1.06E-10	7.55E-09	3.33E-03	2.14E-01	0.00E+00	0.00E+00	4.96E-01	3.74E-02	7.67E-01	0.00E+00	6.32E-09	3.59E-09	2.87E-04	9.14E-07	8.25E-02	0.00E+00	1.73E-01	2.33E-07	7.67E-01	8.32E-01	8.66E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-01
WH25915600C	7.86E-04	1.50E-01	4.17E-02	1.06E-01	0.00E+00	0.00E+00	5.39E-01	1.00E-06	4.62E-04	9.95E-04	0.00E+00	-4.80E-01	9.66E-11	4.84E-09	3.67E-03	1.67E-01	0.00E+00	0.00E+00	4.93E-01	6.34E-02	1.06E-01	0.00E+00	6.20E-09	3.17E-09	2.62E-04	1.54E-06	7.24E-02	0.00E+00	1.06E-01	2.43E-07	7.68E-01	8.30E-01	7.24E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-01
WH25915800C	1.33E-03	2.42E-01	4.71E-02	1.96E-01	0.00E+00	0.00E+00	5.47E-01	1.74E-06	6.88E-04	1.81E-03	0.00E+00	-5.00E-01	2.58E-10	9.00E-09	8.57E-03	3.67E-01	0.00E+00	0.00E+00	1.08E-01	6.71E-02	1.62E-01	0.00E+00	1.48E-09	7.03E-09	3.86E-04	1.64E-06	1.84E-02	0.00E+00	1.96E-01	2.43E-07	7.68E-01	8.30E-01	7.24E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-01
WH25916600C	1.12E-03	1.52E-01	3.43E-02	1.18E-01	0.00E+00	0.00E+00	6.46E-01	1.14E-06	7.05E-04	1.06E-03	0.00E+00	-3.84E-01	1.19E-10	7.65E-09	3.73E-03	2.20E-01	0.00E+00	0.00E+00	5.37E-01	5.07E-02	8.36E-01	0.00E+00	6.86E-09	3.76E-09	3.03E-04	1.24E-06	9.18E-02	0.00E+00	8.36E-01	3.39E-07	8.36E-01	9.30E-01	9.16E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-01
WH26580300C	3.87E-04	8.41E-02	2.02E-02	5.78E-02	0.00E+00	0.00E+00	2.77E-01	5.15E-07	2.23E-04	5.08E-04	0.00E+00	-3.06E-01	4.97E-11	2.51E-09	1.79E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	4.97E-02	3.38E-01	0.00E+00	3.16E-09	1.81E-09	1.37E-04	9.06E-07	3.61E-02	0.00E+00	3.38E-01	2.64E-07	3.38E-01	4.24E-01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	8.02E-01
WH26640300C	1.08E-03	1.40E-01	2.99E-02	1.10E-01	0.00E+00	0.00E+00	5.53E-01	9.56E-07	6.99E-04	9.84E-04	0.00E+00	-3.34E-01	1.04E-10	7.43E-09	3.22E-03	2.04E-01	0.00E+00	0.00E+00	4.78E-01	4.41E-02	7.36E-01	0.00E+00	6.12E-09	3.44E-09	2.83E-04	1.08E-06	8.18E-02	0.00E+00	7.36E-01	3.01E-07	7.36E-01	8.20E-01	8.19E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-01
WH26640700C	1.14E-03	1.41E-01	3.01E-02	1.11E-01	0.00E+00	0.00E+00	5.53E-01	1.00E-06	7.34E-04	1.01E-03	0.00E+00	-3.34E-01	1.04E-10	7.43E-09	3.22E-03	2.04E-01	0.00E+00	0.00E+00	4.78E-01	4.41E-02	7.36E-01	0.00E+00	6.12E-09	3.44E-09	2.83E-04	1.08E-06	8.18E-02	0.00E+00	7.36E-01	3.01E-07	7.36E-01	8.20E-01	8.19E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-01
WH27580300C	3.88E-04	8.62E-02	2.75E-02	5.87E-02	0.00E+00	0.00E+00	2.77E-01	5.13E-07	2.24E-04	5.12E-04	0.00E+00	-3.25E-01	4.97E-11	2.52E-09	1.79E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	4.29E-02	3.38E-01	0.00E+00	3.17E-09	1.80E-09	1.38E-04	1.04E-06	3.59E-02	0.00E+00	3.38E-01	3.04E-07	3.38E-01	4.24E-01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	8.02E-01
WH27580306C	3.88E-04	8.62E-02	2.75E-02	5.87E-02	0.00E+00	0.00E+00	2.77E-01	5.13E-07	2.24E-04	5.12E-04	0.00E+00	-3.25E-01	4.97E-11	2.52E-09	1.79E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	4.29E-02	3.38E-01	0.00E+00	3.17E-09	1.80E-09	1.38E-04	1.04E-06	3.59E-02	0.00E+00	3.38E-01	3.04E-07	3.38E-01	4.24E-01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	8.02E-01
WH27580309C	4.01E-04	8.99E-02	2.83E-02	6.16E-02	0.00E+00	0.00E+00	3.02E-01	5.71E-07	2.27E-04	5.41E-04	0.00E+00	-3.34E-01	5.38E-11	2.58E-09	1.93E-03	9.13E-02	0.00E+00	0.00E+00	2.41E-01	4.41E-02	4.29E-01	0.00E+00	3.48E-09	1.79E-09	1.46E-04	1.07E-06	3.59E-02	0.00E+00	4.29E-01	3.39E-07	4.29E-01	4.69E-01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	8.17E-01
WH27580300C	3.88E-04	8.62E-02	2.75E-02	5.87E-02	0.00E+00	0.00E+00	2.77E-01	5.13E-07	2.24E-04	5.12E-04	0.00E+00	-3.25E-01	4.97E-11	2.52E-09	1.79E-03	8.55E-02	0.00E+00	0.00E+00	2.22E-01	4.29E-02	3.38E-01	0.00E+00	3.17E-09	1.80E-09													

WH36640700C	1.46E-03	1.91E-01	1.83E-02	1.73E-01	0.00E+00	0.00E+00	7.86E-01	1.64E-06	8.01E-04	1.70E-03	0.00E+00	-1.76E-03	1.35E-10	8.25E-03	1.11E-02	4.30E-01	0.00E+00	0.00E+00	7.50E-01	2.33E-02	1.84E-06	0.00E+00	1.42E-08	7.40E-03	5.05E-04	5.58E-07	1.41E-01	0.00E+00	1.84E-06	3.19E-07	1.84E-06	1.39E-04	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.74E-01
WH36645300C	1.02E-03	2.22E-01	1.69E-02	2.07E-01	0.00E+00	0.00E+00	8.63E-01	9.32E-07	7.07E-04	1.79E-03	0.00E+00	-1.48E-03	1.26E-10	7.62E-03	9.46E-03	3.71E-01	0.00E+00	0.00E+00	5.57E-01	1.95E-02	1.29E-06	0.00E+00	1.02E-08	5.54E-03	4.76E-04	4.87E-07	1.11E-01	0.00E+00	1.20E-06	3.43E-08	1.26E-04	1.37E-04	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-01
WH36645300Q	1.47E-03	4.11E-01	1.51E-02	3.06E-01	0.00E+00	0.00E+00	7.28E-01	9.49E-07	8.99E-04	3.24E-03	0.00E+00	-1.25E-03	1.53E-10	7.91E-03	6.68E-03	3.47E-01	0.00E+00	0.00E+00	6.57E-01	1.65E-02	1.62E-06	0.00E+00	1.52E-08	7.33E-03	8.05E-04	4.21E-07	1.36E-01	0.00E+00	1.42E-06	7.50E-08	1.67E-04	1.76E-04	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.31E-01
WH36912300C	2.19E-03	3.90E-01	2.95E-02	3.61E-01	0.00E+00	0.00E+00	1.96E-06	3.87E-08	6.89E-04	3.75E-03	0.00E+00	-2.65E-03	2.06E-10	6.87E-03	2.45E-02	1.61E-01	0.00E+00	0.00E+00	1.47E-04	3.50E-02	4.74E-06	0.00E+00	3.66E-08	1.91E-04	1.11E-03	8.79E-07	2.80E-01	0.00E+00	4.76E-06	1.61E-06	1.61E-06	5.20E-02	2.80E-01	0.00E+00	0.00E+00	0.00E+00	5.34E-01
WH36912300Q	3.54E-03	8.73E-01	2.81E-02	5.56E-01	0.00E+00	0.00E+00	1.99E-06	6.83E-08	1.09E-04	8.01E-03	0.00E+00	-5.58E-04	3.57E-10	1.04E-03	2.50E-02	1.07E-01	0.00E+00	0.00E+00	1.47E-04	1.13E-02	7.02E-06	0.00E+00	3.60E-08	3.07E-04	1.83E-03	3.22E-07	4.52E-01	0.00E+00	7.42E-05	3.50E-06	7.82E-06	8.26E-02	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.10E-01
WH36912303C	2.22E-03	3.91E-01	1.78E-02	3.73E-01	0.00E+00	0.00E+00	1.44E-06	4.13E-08	7.03E-04	3.91E-03	0.00E+00	-1.21E-03	2.19E-10	8.00E-03	2.58E-02	8.53E-01	0.00E+00	0.00E+00	1.57E-04	1.81E-02	5.07E-06	0.00E+00	3.88E-08	1.93E-04	1.17E-03	4.23E-07	2.98E-01	0.00E+00	5.07E-06	1.92E-06	5.07E-06	5.37E-04	2.86E-01	0.00E+00	0.00E+00	0.00E+00	5.66E-01
WH36912303Q	3.24E-03	8.45E-01	1.65E-02	5.24E-01	0.00E+00	0.00E+00	1.89E-06	6.48E-08	9.95E-04	6.66E-03	0.00E+00	-7.41E-04	2.80E-10	9.01E-03	2.42E-02	9.43E-01	0.00E+00	0.00E+00	2.32E-04	9.84E-02	7.39E-06	0.00E+00	5.82E-08	2.87E-04	1.72E-03	2.83E-07	4.24E-01	0.00E+00	7.39E-06	3.34E-06	9.34E-06	7.79E-04	1.24E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-01
WH36912349C	2.21E-03	3.89E-01	1.78E-02	3.71E-01	0.00E+00	0.00E+00	1.43E-06	4.12E-08	7.01E-04	3.89E-03	0.00E+00	-1.21E-03	2.19E-10	8.79E-03	2.57E-02	8.61E-01	0.00E+00	0.00E+00	1.56E-04	1.81E-02	5.04E-06	0.00E+00	3.86E-08	1.91E-04	1.16E-03	4.23E-07	2.97E-01	0.00E+00	5.04E-06	1.90E-06	5.04E-06	5.37E-04	2.97E-01	0.00E+00	0.00E+00	0.00E+00	5.65E-01
WH36912349Q	3.23E-03	8.43E-01	1.64E-02	5.22E-01	0.00E+00	0.00E+00	1.85E-06	6.46E-08	9.54E-04	6.63E-03	0.00E+00	-7.41E-04	2.79E-10	9.00E-03	2.41E-02	9.30E-01	0.00E+00	0.00E+00	2.31E-04	9.84E-02	7.32E-06	0.00E+00	5.79E-08	2.86E-04	1.71E-03	2.83E-07	4.22E-01	0.00E+00	7.32E-06	3.32E-06	7.32E-06	7.79E-04	1.22E-01	0.00E+00	0.00E+00	0.00E+00	8.42E-01
WH36912400C	1.79E-03	4.89E-01	2.72E-02	4.42E-01	0.00E+00	0.00E+00	1.12E-06	2.14E-08	6.97E-04	3.91E-03	0.00E+00	-2.54E-03	1.97E-10	8.21E-03	2.06E-02	6.81E-01	0.00E+00	0.00E+00	1.03E-04	3.39E-02	3.27E-06	0.00E+00	2.62E-08	1.31E-04	1.02E-03	8.43E-07	2.08E-01	0.00E+00	3.27E-06	6.09E-07	3.27E-06	3.48E-04	2.08E-01	0.00E+00	0.00E+00	0.00E+00	8.38E-01
WH36912400Q	3.54E-03	8.73E-01	1.91E-02	5.59E-01	0.00E+00	0.00E+00	1.99E-06	6.83E-08	1.09E-03	8.01E-03	0.00E+00	-5.58E-04	2.95E-10	1.04E-03	2.57E-02	1.07E-01	0.00E+00	0.00E+00	2.47E-04	1.13E-02	7.03E-06	0.00E+00	6.29E-08	3.07E-04	1.83E-03	3.22E-07	4.52E-01	0.00E+00	7.42E-06	3.54E-06	7.82E-06	8.26E-04	1.24E-01	0.00E+00	0.00E+00	0.00E+00	9.10E-01
WH36912403C	2.21E-03	3.89E-01	1.78E-02	3.71E-01	0.00E+00	0.00E+00	1.43E-06	4.12E-08	7.01E-04	3.89E-03	0.00E+00	-1.21E-03	2.18E-10	8.79E-03	2.57E-02	8.59E-01	0.00E+00	0.00E+00	1.56E-04	1.81E-02	5.04E-06	0.00E+00	3.86E-08	1.91E-04	1.16E-03	4.23E-07	2.97E-01	0.00E+00	5.04E-06	1.90E-06	5.04E-06	5.38E-04	2.97E-01	0.00E+00	0.00E+00	0.00E+00	5.65E-01
WH36912403Q	3.23E-03	8.39E-01	1.64E-02	5.22E-01	0.00E+00	0.00E+00	1.88E-06	6.46E-08	9.54E-04	6.63E-03	0.00E+00	-7.41E-04	2.79E-10	9.00E-03	2.41E-02	9.30E-01	0.00E+00	0.00E+00	2.31E-04	9.84E-02	7.32E-06	0.00E+00	5.79E-08	2.86E-04	1.71E-03	2.83E-07	4.22E-01	0.00E+00	7.32E-06	3.32E-06	7.32E-06	7.79E-04	1.22E-01	0.00E+00	0.00E+00	0.00E+00	8.42E-01
WH36912405C	2.13E-03	4.06E-01	1.76E-02	3.86E-01	0.00E+00	0.00E+00	1.37E-06	7.02E-08	6.94E-04	3.91E-03	0.00E+00	-1.21E-03	2.14E-10	8.66E-03	2.47E-02	8.15E-01	0.00E+00	0.00E+00	1.45E-04	1.81E-02	4.87E-06	0.00E+00	3.69E-08	1.90E-04	1.14E-03	4.22E-07	2.76E-01	0.00E+00	4.87E-06	1.95E-06	4.87E-06	5.44E-04	2.76E-01	0.00E+00	0.00E+00	0.00E+00	5.32E-01
WH36912405Q	3.19E-03	8.49E-01	1.64E-02	5.47E-01	0.00E+00	0.00E+00	1.84E-06	6.13E-08	9.03E-04	6.75E-03	0.00E+00	-7.41E-04	2.79E-10	8.92E-03	2.35E-02	9.18E-01	0.00E+00	0.00E+00	2.23E-04	9.84E-02	7.09E-06	0.00E+00	5.64E-08	2.79E-04	1.71E-03	2.63E-07	4.11E-01	0.00E+00	7.09E-06	3.14E-06	7.09E-06	7.69E-04	1.11E-01	0.00E+00	0.00E+00	0.00E+00	8.12E-01
WH36912449C	2.21E-03	3.89E-01	1.78E-02	3.71E-01	0.00E+00	0.00E+00	1.43E-06	4.12E-08	7.01E-04	3.89E-03	0.00E+00	-1.21E-03	2.18E-10	8.79E-03	2.57E-02	8.59E-01	0.00E+00	0.00E+00	1.56E-04	1.81E-02	5.04E-06	0.00E+00	3.86E-08	1.91E-04	1.16E-03	4.23E-07	2.97E-01	0.00E+00	5.04E-06	1.90E-06	5.04E-06	5.38E-04	2.97E-01	0.00E+00	0.00E+00	0.00E+00	5.65E-01
WH36912449Q	3.23E-03	8.39E-01	1.64E-02	5.22E-01	0.00E+00	0.00E+00	1.88E-06	6.46E-08	9.54E-04	6.63E-03	0.00E+00	-7.41E-04	2.79E-10	9.00E-03	2.41E-02	9.30E-01	0.00E+00	0.00E+00	2.31E-04	9.84E-02	7.32E-06	0.00E+00	5.79E-08	2.86E-04	1.71E-03	2.83E-07	4.22E-01	0.00E+00	7.32E-06	3.32E-06	7.32E-06	7.79E-04	1.22E-01	0.00E+00	0.00E+00	0.00E+00	8.42E-01
WH36912500C	2.94E-03	4.66E-01	1.64E-02	4.36E-01	0.00E+00	0.00E+00	1.68E-06	5.34E-08	1.24E-03	4.42E-03	0.00E+00	-2.54E-03	2.73E-10	1.22E-03	2.67E-02	9.36E-01	0.00E+00	0.00E+00	1.77E-04	3.39E-02	5.20E-06	0.00E+00	4.00E-08	2.04E-04	1.31E-03	1.83E-07	3.36E-01	0.00E+00	5.20E-06	1.33E-06	5.20E-06	5.75E-04	3.36E-01	0.00E+00	0.00E+00	0.00E+00	8.42E-01
WH36912500Q	4.37E-03	8.55E-01	2.01E-02	6.33E-01	0.00E+00	0.00E+00	2.30E-06	7.34E-08	1.84E-03	6.72E-03	0.00E+00	-8.33E-04	3.57E-10	1.59E-03	2.76E-02	1.15E-01	0.00E+00	0.00E+00	2.78E-04	1.13E-02	8.29E-06	0.00E+00	6.62E-08	3.31E-04	2.04E-03	3.29E-07	5.06E-01	0.00E+00	8.29E-06	3.57E-06	8.29E-06	8.79E-04	5.06E-01	0.00E+00	0.00E+00	0.00E+00	1.01E-01
WH36912503C	3.03E-03	4.85E-01	2.06E-02	4.48E-01	0.00E+00	0.00E+00	1.71E-06	4.53E-08	1.24E-03	4.58E-03	0.00E+00	-1.33E-03	2.73E-10	1.22E-03	2.74E-02	9.85E-01	0.00E+00	0.00E+00	1.83E-04	1.79E-02	5.44E-06	0.00E+00	4.23E-08	2.14E-04	1.36E-03	4.63E-07	3.47E-01	0.00E+00	5.44E-06	1.91E-06	5.44E-06	5.89E-04	3.47E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-01
WH36912503Q	4.07E-03	8.24E-01	1.85E-02	6.03E-01	0.00E+00	0.00E+00	2.20E-06	6.99E-08	1.90E-03	6.33E-03	0.00E+00	-7.41E-04	3.42E-10	1.45E-03	2.62E-02	1.08E-01	0.00E+00	0.00E+00	2.62E-04	9.85E-02	7.94E-06	0.00E+00	6.24E-08	3.12E-04	1.93E-03	2.68E-07	4.83E-01	0.00E+00	7.94E-06	3.39E-06	7.94E-06	8.32E-04	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.56E-01
WH36912505C	3.02E-03	4.85E-01	2.06E-02	4.48E-01	0.00E+00	0.00E+00	1.71E-06	4.53E-08	1.24E-03	4.58E-03	0.00E+00	-1.33E-03	2.73E-10	1.22E-03	2.74E-02	9.85E-01	0.00E+00	0.00E+00	1.83E-04	1.79E-02	5.44E-06	0.00E+00	4.23E-08	2.14E-04	1.36E-03	4.63E-07	3.47E-01	0.00E+00	5.44E-06	1.91E-06	5.44E-06	5.89E-04	3.47E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-01
WH36912549C	2.94E-03	4.66E-01	1.64E-02	4.36E-01	0.00E+00	0.00E+00	1.68E-06	5.34E-08	1.24E-03	4.42E-03	0.00E+00	-2.54E-03	2.73E-10	1.22E-03	2.67E-02	9.36E-01	0.00E+00	0.00E+00	1.77E-04	3.39E-02	5.20E-06	0.00E+00	4.00E-08	2.04E-04	1.31E-03	1.83E-07	3.36E-01	0.00E+00	5.20E-06	1.33E-06	5.20E-06	5.75E-04	3.36E-01	0.00E+00	0.00E+00	0.00E+00	8.42E-01
WH36912549Q	4.37E-03	8.55E-01	2.01E-02	6.33E-01	0.00E+00	0.00E+00	2.30E-06	7.34E-08	1.84E-03	6.72E-03	0.00E+00	-8.33E-04	3.57E-10	1.59E-03	2.76E-02	1.15E-01	0.00E+00	0.00E+00	2.78E-04	1.13E-02	8.29E-06	0.00E+00	6.62E-08	3.31E-04	2.04E-03	3.29E-07	5.06E-01	0.00E+00	8.29E-06	3.57E-06	8.29E-06	8.79E-04	5.06E-01	0.00E+00	0.00E+00	0.00E+00	1.01E-01
WH36912600C	3.03E-03	4.85E-01	2.06E-02	4.48E-01	0.00E+00	0.00E+00	1.71E-06	4.53E-08	1.24E-03	4.58E-03	0.00E+00	-1.33E-03	2.73E-10	1.22E-03	2.74E-02	9.85E-01	0.00E+00	0.00E+00	1.83E-04	1.79E-02	5.44E-06	0.00E+00	4.23E-08	2.14E-04													

	WNA160B	5.87E-04	7.13E-02	2.28E-03	6.93E-02	0.00E+00	0.00E+00	3.12E-01	6.18E-07	3.13E-04	7.18E-04	0.00E+00	-2.35E-05	9.88E-11	3.22E-09	3.74E-03	1.43E-01	0.00E+00	0.00E+00	3.84E-01	3.33E-04	7.80E-01	0.00E+00	6.54E-09	3.99E-03	2.07E-04	1.48E-09	6.73E-02	0.00E+00	7.80E-01	1.98E-07	7.80E-01	8.47E-01	6.73E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-01
	WNA160	5.85E-04	7.09E-02	2.29E-03	6.89E-02	0.00E+00	0.00E+00	3.11E-01	6.17E-07	3.13E-04	7.14E-04	0.00E+00	-2.35E-05	9.86E-11	3.22E-09	3.70E-03	1.42E-01	0.00E+00	0.00E+00	3.82E-01	3.32E-04	7.74E-01	0.00E+00	6.49E-09	3.94E-03	2.06E-04	1.47E-09	6.70E-02	0.00E+00	7.74E-01	1.97E-07	7.74E-01	8.41E-01	6.70E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-01
	WNA161B	5.87E-04	7.14E-02	2.28E-03	6.74E-02	0.00E+00	0.00E+00	3.12E-01	5.54E-07	3.08E-04	7.08E-04	0.00E+00	-1.90E-04	5.98E-11	3.16E-09	3.76E-03	1.37E-01	0.00E+00	0.00E+00	3.00E-01	2.95E-02	7.60E-01	0.00E+00	6.54E-09	2.88E-03	2.02E-04	6.92E-09	6.01E-02	0.00E+00	7.60E-01	1.47E-07	7.60E-01	8.23E-01	6.01E-02	0.00E+00	0.00E+00	0.00E+00	9.99E-04
	WNA161	5.85E-04	7.10E-02	2.31E-03	6.79E-02	0.00E+00	0.00E+00	3.11E-01	5.53E-07	3.07E-04	7.04E-04	0.00E+00	-1.93E-04	5.94E-11	3.15E-09	3.75E-03	1.37E-01	0.00E+00	0.00E+00	3.07E-01	2.95E-02	7.59E-01	0.00E+00	6.49E-09	2.87E-03	2.02E-04	6.91E-09	5.98E-02	0.00E+00	7.59E-01	1.45E-07	7.59E-01	8.19E-01	5.98E-02	0.00E+00	0.00E+00	0.00E+00	9.99E-04
	WNC100	8.21E-04	1.19E-01	1.82E-03	1.16E-01	0.00E+00	0.00E+00	3.91E-01	6.21E-07	4.11E-04	1.22E-03	0.00E+00	-7.58E-04	8.04E-11	4.07E-09	5.73E-02	2.16E-01	0.00E+00	0.00E+00	4.48E-01	9.38E-03	1.50E-01	0.00E+00	4.48E-03	4.89E-03	3.42E-04	2.61E-07	9.38E-02	0.00E+00	1.40E-01	2.30E-07	1.40E-01	1.80E-01	9.38E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-01
	WNC122	1.67E-03	2.42E-01	1.81E-02	2.24E-01	0.00E+00	0.00E+00	6.72E-01	1.59E-06	8.22E-04	2.44E-03	0.00E+00	-1.45E-03	2.53E-10	8.35E-09	1.50E-02	4.51E-01	0.00E+00	0.00E+00	1.10E-01	1.91E-02	2.88E+00	0.00E+00	2.48E-03	1.01E-03	6.93E-04	4.90E-07	2.07E-01	0.00E+00	2.88E+00	5.27E-07	2.88E+00	3.06E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	3.43E-01
	WNC123	2.48E-03	3.59E-01	2.08E-02	3.31E-01	0.00E+00	0.00E+00	1.29E+00	2.31E-06	1.21E-03	3.62E-03	0.00E+00	-2.36E-03	3.74E-10	1.23E-02	2.21E-02	6.63E-01	0.00E+00	0.00E+00	1.02E+00	3.34E-02	4.20E+00	0.00E+00	3.64E-03	1.49E-03	1.02E-03	7.78E-07	3.04E-01	0.00E+00	4.20E+00	7.57E-07	4.20E+00	4.50E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	5.07E-01
	WNC160	7.48E-04	1.18E-01	8.59E-03	1.02E-01	0.00E+00	0.00E+00	3.64E-01	5.79E-07	3.99E-04	1.20E-03	0.00E+00	-7.10E-04	7.52E-11	3.41E-09	7.44E-02	2.07E-01	0.00E+00	0.00E+00	4.28E-01	9.38E-03	1.44E-01	0.00E+00	1.22E-08	4.70E-03	3.39E-04	2.41E-07	8.92E-02	0.00E+00	1.39E-01	2.34E-07	1.39E-01	1.47E-01	8.92E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-01
	WNC161B	7.93E-04	1.21E-01	8.63E-03	1.12E-01	0.00E+00	0.00E+00	3.67E-01	6.83E-07	3.98E-04	1.24E-03	0.00E+00	-4.76E-04	8.40E-11	3.47E-09	7.72E-02	2.16E-01	0.00E+00	0.00E+00	4.28E-01	9.41E-03	1.44E-01	0.00E+00	1.22E-08	4.70E-03	3.39E-04	2.41E-07	9.41E-02	0.00E+00	1.44E-01	2.34E-07	1.44E-01	1.54E-01	8.92E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-01
	WNC161	7.98E-04	1.21E-01	8.78E-03	1.12E-01	0.00E+00	0.00E+00	3.67E-01	6.82E-07	3.97E-04	1.24E-03	0.00E+00	-7.10E-04	8.40E-11	3.47E-09	7.72E-02	2.16E-01	0.00E+00	0.00E+00	4.28E-01	9.38E-03	1.44E-01	0.00E+00	1.22E-08	4.70E-03	3.39E-04	2.41E-07	9.41E-02	0.00E+00	1.44E-01	2.34E-07	1.44E-01	1.53E-01	8.92E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-01
	WNC162	2.20E-03	3.40E-01	1.79E-02	2.22E-01	0.00E+00	0.00E+00	6.71E-01	1.47E-06	7.17E-04	2.43E-03	0.00E+00	-1.48E-03	2.42E-10	7.62E-09	1.49E-02	4.29E-01	0.00E+00	0.00E+00	1.05E+00	1.91E-02	2.91E+00	0.00E+00	2.43E-03	9.81E-03	6.78E-04	4.90E-07	1.99E-01	0.00E+00	2.91E+00	5.34E-07	2.91E+00	3.01E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-01
	WNC164	1.26E-03	2.45E-01	2.03E-02	2.22E-01	0.00E+00	0.00E+00	6.71E-01	1.34E-06	7.05E-04	2.41E-03	0.00E+00	-1.79E-03	1.84E-10	6.88E-09	1.49E-02	4.29E-01	0.00E+00	0.00E+00	8.96E-01	2.39E-02	2.78E+00	0.00E+00	2.43E-03	9.47E-03	6.78E-04	5.99E-07	1.94E-01	0.00E+00	2.78E+00	4.31E-07	2.78E+00	2.97E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	2.37E-01
	WNC165	2.42E-03	3.67E-01	2.81E-02	3.38E-01	0.00E+00	0.00E+00	1.37E+00	2.93E-06	1.08E-03	3.69E-03	0.00E+00	-2.30E-03	3.87E-10	1.07E-02	2.27E-02	6.61E-01	0.00E+00	0.00E+00	1.68E+00	3.04E-02	4.31E+00	0.00E+00	3.70E-03	1.93E-03	1.02E-03	7.78E-07	3.11E-01	0.00E+00	4.31E+00	8.05E-07	4.31E+00	4.62E+00	3.11E-01	0.00E+00	0.00E+00	0.00E+00	3.18E-01
	WNC174	2.22E-03	3.45E-01	1.85E-02	2.27E-01	0.00E+00	0.00E+00	6.70E-01	1.68E-06	7.11E-04	2.47E-03	0.00E+00	-1.44E-03	2.59E-10	7.14E-09	1.57E-02	4.41E-01	0.00E+00	0.00E+00	1.11E+00	1.91E-02	2.89E+00	0.00E+00	2.49E-03	1.01E-03	6.90E-04	4.90E-07	2.06E-01	0.00E+00	2.89E+00	5.52E-07	2.89E+00	3.10E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	3.47E-01
	WNE100B	8.29E-04	1.23E-01	9.14E-03	1.14E-01	0.00E+00	0.00E+00	3.86E-01	6.11E-07	4.04E-04	1.18E-03	0.00E+00	-7.92E-04	7.34E-11	4.01E-09	5.77E-02	2.07E-01	0.00E+00	0.00E+00	4.41E-01	1.05E-02	1.29E+00	0.00E+00	1.10E-08	4.91E-03	3.39E-04	2.65E-07	8.65E-02	0.00E+00	1.29E+00	2.89E-07	1.29E+00	1.37E+00	8.65E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-01
	WNE100	8.23E-04	1.22E-01	9.36E-03	1.18E-01	0.00E+00	0.00E+00	3.83E-01	6.06E-07	4.03E-04	1.17E-03	0.00E+00	-8.28E-04	7.28E-11	4.01E-09	5.88E-02	2.06E-01	0.00E+00	0.00E+00	4.37E-01	1.09E-02	1.27E+00	0.00E+00	1.08E-08	4.86E-03	3.36E-04	2.76E-07	8.56E-02	0.00E+00	1.27E+00	2.77E-07	1.27E+00	1.36E+00	8.56E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-01
	WNE160B	1.13E-03	1.25E-01	7.88E-03	1.17E-01	0.00E+00	0.00E+00	4.10E-01	9.34E-07	3.96E-04	1.20E-03	0.00E+00	-6.24E-04	1.16E-10	3.49E-09	5.90E-02	2.06E-01	0.00E+00	0.00E+00	5.25E-01	8.24E-02	1.33E+00	0.00E+00	1.11E-08	5.09E-03	3.43E-04	2.11E-07	9.52E-02	0.00E+00	1.33E+00	3.52E-07	1.33E+00	1.42E+00	9.52E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-01
	WNE160	1.13E-03	1.25E-01	8.15E-03	1.16E-01	0.00E+00	0.00E+00	4.09E-01	9.31E-07	3.95E-04	1.20E-03	0.00E+00	-6.55E-04	1.15E-10	3.48E-09	5.90E-02	2.06E-01	0.00E+00	0.00E+00	5.25E-01	8.70E-02	1.33E+00	0.00E+00	1.10E-08	5.09E-03	3.43E-04	2.22E-07	9.47E-02	0.00E+00	1.33E+00	3.52E-07	1.33E+00	1.41E+00	9.47E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-01
	WNE161B	1.10E-03	1.25E-01	8.14E-03	1.16E-01	0.00E+00	0.00E+00	4.10E-01	8.89E-07	3.95E-04	1.19E-03	0.00E+00	-7.39E-04	7.68E-11	3.41E-09	5.92E-02	2.04E-01	0.00E+00	0.00E+00	4.50E-01	1.05E-02	1.31E+00	0.00E+00	1.11E-08	4.92E-03	3.39E-04	2.66E-07	8.79E-02	0.00E+00	1.31E+00	3.00E-07	1.31E+00	1.40E+00	8.79E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-01
	WNE161	1.10E-03	1.25E-01	8.14E-03	1.16E-01	0.00E+00	0.00E+00	4.08E-01	8.87E-07	3.94E-04	1.19E-03	0.00E+00	-8.26E-04	7.64E-11	3.41E-09	5.88E-02	2.03E-01	0.00E+00	0.00E+00	4.48E-01	1.09E-02	1.30E+00	0.00E+00	1.10E-08	4.89E-03	3.37E-04	2.77E-07	8.74E-02	0.00E+00	1.30E+00	3.04E-07	1.30E+00	1.39E+00	8.74E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-01
	WPSS82BKO	2.75E-03	5.01E-01	2.53E-02	4.78E-01	0.00E+00	0.00E+00	5.54E-00	1.12E-09	9.23E-04	4.77E-03	0.00E+00	-6.49E-04	9.31E-10	1.74E-09	3.19E-02	1.61E-01	0.00E+00	0.00E+00	3.99E+00	8.03E-03	6.79E+00	0.00E+00	5.17E-08	2.39E-03	1.35E-03	2.66E-07	6.71E-01	0.00E+00	6.79E+00	1.57E-06	6.79E+00	7.48E+00	6.71E-01	0.00E+00	0.00E+00	0.00E+00	1.39E-02
	WRSS82BSB	2.93E-03	5.45E-01	1.97E-02	2.79E-01	0.00E+00	0.00E+00	6.00E+00	4.68E-06	7.98E-04	2.71E-03	0.00E+00	-1.05E-04	3.93E-10	1.95E-08	1.44E-02	5.72E-01	0.00E+00	0.00E+00	1.74E+00	1.43E-03	3.30E+00	0.00E+00	2.60E-08	1.24E-03	7.73E-04	6.28E-08	3.08E-01	0.00E+00	3.30E+00	8.31E-07	3.30E+00	3.81E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	6.19E-01
	WRSS82BSW	2.95E-03	2.90E-01	1.01E-02	2.88E-01	0.00E+00	0.00E+00	2.31E+00	4.89E-06	7.99E-04	2.74E-03	0.00E+00	-1.05E-04	3.94E-10	1.95E-08	1.44E-02	5.72E-01	0.00E+00	0.00E+00	1.74E+00	1.43E-03	3.30E+00	0.00E+00	2.60E-08	1.24E-03	7.73E-04	6.28E-08	3.08E-01	0.00E+00	3.30E+00	8.31E-07	3.30E+00	3.81E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	6.19E-01
	WXF105	1.09E-03	3.79E-02	1.79E-03	3.62E-02	0.00E+00	0.00E+00	2.99E-01	6.48E-07	4.41E-04	4.12E-04	0.00E+00	1.07E-03	5.20E-11	4.79E-09	2.09E-02	1.33E-01	0.00E+00	0.00E+00	3.02E-01	5.12E-02	5.80E-01	0.00E+00	4.47E-09	2.51E-03	1.47E-04	3.69E-09	6.49E-02	0.00E+00	5.80E-01	1.95E-07	5.80E-01	6.14E-01	5.49E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-01
	WXF160B	9.90E-04	4.80E-02	1.88E-03	4.43E-02	0.00E+00	0.00E+00	2.83E-01	7.13E-07	3.67E-04	5.01E-04	0.00E+00	1.26E-03	4.87E-11	3.92E-09	2.41E-03	1.34E-01	0.00E+00	0.00E+00	3.06E-01	6.14E-02	6.88E-01	0.00E+00	5.48E-09	2.93E-03	1.70E-04												

SN016P	3.49E-04	-3.81E-03	9.85E-04	-4.79E-03	0.00E+00	0.00E+00	1.75E-01	-5.22E-06	2.80E-04	2.43E-05	0.00E+00	8.21E-11	-1.13E-10	2.89E-09	9.27E-04	-4.79E-01	0.00E+00	0.00E+00	8.84E-02	3.94E-20	9.36E-02	0.00E+00	1.61E-09	-3.55E-11	-1.01E-05	0.00E+00	-5.98E-02	0.00E+00	9.35E-02	3.75E-07	9.35E-02	3.77E-02	-2.88E-02	0.00E+00	0.00E+00	0.00E+00	2.61E-00						
SN023	-4.19E-02	4.87E-02	-1.02E-03	6.97E-02	0.00E+00	0.00E+00	-7.15E-01	2.97E-04	-1.48E-04	-1.84E-03	0.00E+00	0.00E+00	0.31E-10	3.01E-08	-1.31E-03	3.00E+00	0.00E+00	0.00E+00	6.61E-01	0.00E+00	-6.90E-01	0.00E+00	2.90E-09	-6.99E-09	4.63E-04	0.00E+00	-4.80E-01	0.00E+00	-5.50E-01	-1.02E-05	6.50E-01	-1.03E+00	-8.46E-01	0.00E+00	0.00E+00	0.00E+00	-2.76E-01						
SN023QC	-3.95E-03	8.02E-04	-1.37E-05	6.34E-04	0.00E+00	0.00E+00	-8.22E-01	-4.13E-04	-1.40E-04	-1.97E-03	0.00E+00	1.16E-10	-4.02E-10	-4.76E-09	1.03E-03	-5.67E-01	0.00E+00	0.00E+00	0.00E+00	4.12E-20	2.08E-01	0.00E+00	2.47E-09	-5.79E-03	5.61E-04	0.00E+00	-4.76E-02	0.00E+00	2.08E-01	-1.17E-05	7.46E-01	1.20E-01	-8.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-01					
SN025	-6.96E-03	-1.04E-01	-1.46E-05	-1.03E-01	0.00E+00	0.00E+00	-1.10E+00	-4.03E-04	2.19E-04	-2.79E-03	0.00E+00	0.00E+00	-7.67E-10	-4.76E-08	-1.80E-03	-6.10E-01	0.00E+00	0.00E+00	0.00E+00	9.85E-01	0.00E+00	-7.46E-01	0.00E+00	3.86E-09	-1.17E-08	4.39E-04	0.00E+00	-6.96E-01	0.00E+00	-2.36E-01	-1.62E-05	7.46E-01	1.25E+00	-2.56E-01	0.00E+00	0.00E+00	0.00E+00	-4.18E-01					
SN025QC	4.33E-02	5.14E-06	6.21E-02	6.00E+00	0.00E+00	0.00E+00	-4.83E-04	2.19E-04	-2.79E-03	0.00E+00	2.28E-20	-7.79E-10	2.71E-09	4.83E-01	-4.86E-01	-4.86E-01	0.00E+00	0.00E+00	0.00E+00	5.83E-20	3.42E-01	0.00E+00	2.87E-09	-3.21E-03	1.84E-04	0.00E+00	-6.72E-02	0.00E+00	2.36E-01	1.59E-05	2.36E-01	1.59E-01	-1.25E-01	2.72E-02	0.00E+00	0.00E+00	0.00E+00	4.84E-01					
SN116	3.77E-03	1.75E-01	6.70E-04	1.74E-01	0.00E+00	0.00E+00	0.84E-01	-4.13E-04	4.71E-05	-7.31E-04	0.00E+00	3.26E-20	4.77E-10	-8.43E-08	1.79E-03	2.75E-01	0.00E+00	0.00E+00	0.00E+00	6.16E-01	1.23E-10	3.01E-01	0.00E+00	4.65E+00	4.72E-03	2.97E-04	0.00E+00	-4.16E-02	0.00E+00	3.01E-01	-1.49E-05	3.01E-01	2.00E-01	-4.16E-02	0.00E+00	0.00E+00	0.00E+00	3.81E-01					
SN216	-2.19E-03	3.32E-03	5.40E-04	2.97E-02	0.00E+00	0.00E+00	-4.21E-01	2.53E-04	1.89E-04	-1.30E-03	0.00E+00	7.96E-21	3.30E-10	2.84E-08	5.02E-04	-1.28E+00	0.00E+00	0.00E+00	0.00E+00	-3.12E-01	2.98E-20	5.99E-02	0.00E+00	1.23E-09	-4.49E-03	3.37E-04	0.00E+00	2.67E-01	0.00E+00	1.95E-02	0.00E+00	5.96E-02	-2.97E-01	2.67E-01	0.00E+00	0.00E+00	0.00E+00	-4.43E-01					
SNS016	-3.81E-03	5.12E-02	2.70E-04	5.09E-02	0.00E+00	0.00E+00	-7.76E-01	3.87E-04	4.49E-04	-1.30E-03	0.00E+00	1.78E-20	6.12E-10	-1.14E-10	1.10E-01	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-01	6.82E-20	1.94E-01	0.00E+00	2.97E-09	5.34E-03	4.14E-04	0.00E+00	-1.82E-01	0.00E+00	1.95E-01	-1.25E-05	1.96E-01	-3.32E-02	-1.89E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-01					
WE122A	-1.44E-02	-1.07E-03	1.25E-03	-1.27E-01	0.00E+00	0.00E+00	2.35E+00	-9.38E-04	4.37E-04	-5.58E-03	0.00E+00	0.00E+00	-1.23E-09	-1.10E-07	2.62E-03	-4.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.87E+00	0.00E+00	-6.90E-01	0.00E+00	6.26E-09	-2.01E-08	-1.59E-03	0.00E+00	-4.83E-01	0.00E+00	-9.55E-01	3.20E-05	4.45E-01	-1.84E+00	-4.83E-01	0.00E+00	0.00E+00	0.00E+00	2.74E-01					
WE123A	-2.22E-02	-1.89E-01	3.05E-03	-1.89E-01	0.00E+00	0.00E+00	3.53E+00	-1.41E-03	4.03E-04	-8.37E-03	0.00E+00	0.00E+00	-1.84E-09	-1.66E-07	3.00E-03	-5.31E+00	0.00E+00	0.00E+00	0.00E+00	-2.80E+00	0.00E+00	-2.00E+00	0.00E+00	-1.42E+00	0.00E+00	7.81E-09	-2.99E-08	-2.38E-03	0.00E+00	9.68E-01	0.00E+00	-1.42E+00	-4.80E-05	1.43E+00	-2.39E+00	8.88E-01	0.00E+00	0.00E+00	0.00E+00	1.19E+00			
WE123	-3.22E-02	-1.95E-01	3.56E-03	-1.91E-01	0.00E+00	0.00E+00	3.53E+00	-1.41E-03	4.03E-04	-8.38E-03	0.00E+00	0.00E+00	-1.84E-09	-1.66E-07	3.03E-03	-5.31E+00	0.00E+00	0.00E+00	0.00E+00	-2.81E+00	0.00E+00	-2.00E+00	0.00E+00	-1.42E+00	0.00E+00	7.92E-09	-3.01E-08	-2.38E-03	0.00E+00	1.03E+00	0.00E+00	-1.43E+00	-4.80E-05	1.43E+00	-2.48E+00	1.03E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00			
WH105853E	2.24E-04	3.27E-03	8.60E-04	3.18E-02	0.00E+00	0.00E+00	1.37E-01	2.33E-07	2.02E-04	2.07E-04	0.00E+00	6.67E-21	2.63E-11	2.10E-09	8.01E-04	6.43E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-01	2.52E-20	2.22E-01	0.00E+00	1.92E-09	1.03E-09	6.81E-05	0.00E+00	1.16E-02	0.00E+00	3.22E-01	3.37E-08	2.32E-01	3.94E-01	1.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E+00				
WH105853F	2.81E-04	4.26E-02	1.21E-03	2.48E-02	0.00E+00	0.00E+00	2.27E-01	2.02E-04	3.24E-04	0.00E+00	1.19E-20	3.24E-11	1.94E-05	1.62E-02	6.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-01	4.11E-20	3.90E-01	0.00E+00	2.87E-09	1.33E-09	9.30E-05	0.00E+00	3.46E-02	0.00E+00	3.05E-01	3.07E-07	1.64E-01	3.96E-01	3.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E+00				
WH106453E	7.02E-04	1.95E-02	1.98E-03	1.98E-02	0.00E+00	0.00E+00	2.91E-01	-1.10E-03	6.21E-04	-1.52E-04	0.00E+00	6.52E-21	1.98E-11	5.37E-09	1.34E-03	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.66E-01	2.91E-20	3.00E-01	0.00E+00	2.46E-09	1.29E-09	7.52E-05	0.00E+00	1.46E-02	0.00E+00	3.00E-01	-4.32E-07	3.02E-01	3.19E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E+00				
WH106453F	-0.99E-03	3.45E-02	-1.83E-03	-3.27E-02	0.00E+00	0.00E+00	2.38E+00	-1.11E-04	3.96E-04	-5.16E-03	0.00E+00	8.36E-21	-1.37E-09	-1.12E-07	-1.65E-03	-0.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+00	3.32E-20	-3.29E-01	0.00E+00	3.36E-09	-1.88E-08	-1.54E-03	0.00E+00	-2.06E-01	0.00E+00	-9.25E-01	-2.80E-05	-4.26E-01	-1.04E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-01				
WH106457E	9.50E-04	6.02E-02	2.49E-03	7.77E-02	0.00E+00	0.00E+00	3.49E-01	-1.11E-03	7.02E-04	6.99E-04	0.00E+00	1.03E-20	2.97E-11	5.99E-09	2.18E-04	-6.14E-01	0.00E+00	0.00E+00	0.00E+00	3.27E-01	5.92E-20	3.76E-01	0.00E+00	4.52E-09	2.39E-09	1.93E-04	0.00E+00	6.96E-02	0.00E+00	3.00E-01	-4.95E-07	6.96E-01	6.96E-01	6.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-01				
WH11580300A	-1.45E-04	2.48E-02	3.00E-04	2.48E-02	0.00E+00	0.00E+00	2.48E-02	-2.16E-03	1.28E-03	1.06E-04	0.00E+00	6.42E-21	6.95E-12	2.25E-09	6.80E-01	-1.50E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00	2.21E-20	1.38E-01	0.00E+00	1.80E-10	1.39E-05	2.00E-05	0.00E+00	-3.94E-03	0.00E+00	1.36E-01	5.99E-07	1.36E-01	1.33E-01	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-01				
WH11580300C	3.97E-04	3.83E-02	1.28E-03	3.76E-02	0.00E+00	0.00E+00	2.65E-01	4.79E-07	2.11E-04	3.61E-04	0.00E+00	1.13E-20	4.72E-11	2.37E-09	1.52E-03	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.11E-01	4.06E-20	3.42E-01	0.00E+00	2.78E-09	1.38E-09	1.04E-04	0.00E+00	9.49E-03	0.00E+00	3.42E-01	5.74E-08	3.42E-01	3.52E-01	9.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E+00				
WH11585300C	-2.92E-03	3.95E-02	-2.71E-04	2.49E-02	0.00E+00	0.00E+00	-7.53E-01	2.96E-04	-1.30E-04	-1.68E-03	0.00E+00	3.19E-21	5.44E-10	3.38E-08	4.69E-04	-5.43E-01	0.00E+00	0.00E+00	0.00E+00	4.76E-01	1.20E-20	3.98E-01	0.00E+00	-1.81E-09	-6.92E-09	4.25E-04	0.00E+00	-1.06E-01	0.00E+00	3.98E-01	-8.02E-06	3.98E-01	-5.05E-01	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-01				
WH11596200A	6.87E-04	7.49E-02	1.86E-03	7.30E-02	0.00E+00	0.00E+00	2.79E-01	-9.92E-08	4.97E-04	6.02E-04	0.00E+00	1.43E-20	4.81E-11	3.57E-09	1.88E-03	-1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.62E-01	5.43E-20	4.93E-01	0.00E+00	3.94E-09	2.11E-10	1.73E-04	0.00E+00	4.87E-02	0.00E+00	4.52E-01	3.24E-07	4.52E-01	5.02E-01	4.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E+00				
WH11625300C	5.29E-04	2.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	3.96E-04	3.96E-04	0.00E+00	1.19E-20	3.84E-11	3.92E-09	1.00E+00	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	3.94E-01	4.92E-20	4.93E-01	0.00E+00	3.94E-09	1.71E-09	5.45E-05	0.00E+00	4.78E-02	0.00E+00	3.94E-01	3.24E-07	4.52E-01	4.92E-01	4.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00				
WH11642300C	8.79E-04	5.83E-02	2.13E-03	5.82E-02	0.00E+00	0.00E+00	2.80E-01	-7.86E-08	6.95E-04	4.81E-04	0.00E+00	1.52E-20	-1.98E-10	6.10E-09	1.81E-03	1.33E-01	0.00E+00	0.00E+00	0.00E+00	1.94E-01	5.84E-20	2.76E-01	0.00E+00	3.47E-09	6.99E-10	9.94E-05	0.00E+00	3.47E-02	0.00E+00	2.76E-01	4.05E-07	2.76E-01	3.24E-01	4.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E+00				
WH11642305C	0.42E-03	6.69E-06	9.37E-04	9.83E-04	0.00E+00	0.00E+00	2.13E+00	-5.77E-04	3.66E-04	-8.81E-03	0.00E+00	1.52E-20	-1.14E-09	-1.11E-07	3.85E-04	6.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+00	5.91E-20	4.40E-01	0.00E+00	3.36E-10	5.91E-10	1.12E-03	0.00E+00	0.36E-10	-1.64E-03	-4.40E-03	0.00E+00	-1.77E-01	0.00E+00	-1.12E-01	2.79E-05	4.12E-01	-5.82E-01	1.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-01
WH11642700A	1.00E-03	7.39E-02	2.43E-03	7.16E-02	0.00E+00	0.00E+00	3.63E-01	-1.89E-06	7.09E-04	6.69E-04	0.00E+00	1.52E-20	6.60E-12	7.69E-09	3.09E-03	6.18E-01	0.00E+00	0.00E+00	0.00E+00	3.22E-01	5.82E-20	4.80E-01	0.00E+00	4.27E-09	2.16E-09	1.88E-04	0.00E+00																

WH25596200C	4.36E-03	1.95E-02	-4.19E-04	2.04E-02	0.00E+00	0.00E+00	-1.41E-03	-5.54E-04	2.34E-04	-1.31E-03	0.00E+00	1.44E-03	-7.72E-03	7.95E-08	1.87E-04	-1.51E-01	0.00E+00	0.00E+00	-1.19E+00	5.34E-20	-1.74E-01	0.00E+00	2.91E-10	-1.07E-08	-8.14E-04	0.00E+00	-1.01E-01	0.00E+00	-1.74E-01	-1.88E-05	-1.74E-01	-2.79E-01	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-01	
WH25620100C	4.79E-03	1.22E-02	-5.69E-04	1.27E-02	0.00E+00	0.00E+00	-1.50E-03	-6.94E-04	2.81E-04	-3.36E-03	0.00E+00	1.44E-03	-8.21E-03	-8.07E-08	1.37E-04	-6.41E-01	0.00E+00	0.00E+00	-1.17E+00	5.21E-20	-1.94E-01	0.00E+00	1.74E-10	-1.15E-08	-8.83E-04	0.00E+00	-1.22E-01	0.00E+00	-1.94E-01	-2.03E-05	-1.94E-01	-3.16E-01	-1.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-01	
WH25620300C	4.85E-04	4.20E-02	1.47E-03	4.08E-02	0.00E+00	0.00E+00	1.67E-01	-1.75E-03	4.98E-04	2.80E-04	0.00E+00	1.17E-02	-1.89E-10	2.02E-01	1.26E-03	7.66E-02	0.00E+00	0.00E+00	8.89E-02	4.59E-20	1.54E-01	0.00E+00	2.36E-09	-3.03E-11	4.65E-05	0.00E+00	2.87E-02	0.00E+00	1.54E-01	-1.48E-07	6.12E-01	1.93E-01	3.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-01	
WH25620700C	4.92E-04	7.66E-02	2.47E-03	7.71E-02	0.00E+00	0.00E+00	4.78E-01	-8.96E-07	5.42E-04	7.19E-04	0.00E+00	1.87E-20	8.52E-11	5.79E-05	2.63E-03	1.46E-01	0.00E+00	0.00E+00	3.95E-01	6.97E-20	6.12E-01	0.00E+00	5.96E-09	2.85E-02	2.12E-04	0.00E+00	7.98E-02	0.00E+00	6.12E-01	7.89E-06	1.65E-01	4.87E-01	7.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-01	
WH25625300C	5.78E-04	2.94E-02	1.94E-03	2.64E-02	0.00E+00	0.00E+00	3.53E-01	-6.89E-08	3.26E-04	3.95E-04	0.00E+00	1.12E-20	5.85E-11	3.20E-05	1.00E-03	4.33E-02	0.00E+00	0.00E+00	3.95E-01	4.02E-20	4.29E-01	0.00E+00	3.31E-09	4.02E-02	3.94E-05	0.00E+00	3.76E-02	0.00E+00	6.25E-01	4.26E-07	4.29E-01	4.67E-01	3.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01	
WH25625700C	7.52E-03	3.26E-02	-1.49E-03	3.11E-02	0.00E+00	0.00E+00	-1.89E-03	-7.53E-04	3.12E-04	-4.80E-03	0.00E+00	6.79E-21	-1.13E-09	-8.79E-08	-1.36E-03	-7.69E-01	0.00E+00	0.00E+00	-1.55E+00	2.60E-20	7.09E-01	0.00E+00	-2.86E-09	-1.52E-01	-1.23E-05	0.00E+00	-1.71E-01	0.00E+00	7.09E-01	-2.19E-05	-7.09E-01	-8.80E-01	-1.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-01	
WH25640100C	6.38E-04	-3.75E-03	1.67E-03	9.47E-03	0.00E+00	0.00E+00	2.18E-01	-1.96E-09	6.01E-04	4.88E-04	0.00E+00	7.59E-21	2.31E-10	4.55E-01	1.11E-03	-1.79E-01	0.00E+00	0.00E+00	1.13E-01	2.93E-20	7.91E-02	0.00E+00	1.68E-09	-7.72E-10	4.42E-05	0.00E+00	6.21E-03	0.00E+00	7.91E-02	8.72E-07	7.91E-02	6.99E-02	4.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-01	
WH25640300C	7.62E-04	5.42E-02	2.06E-03	5.22E-02	0.00E+00	0.00E+00	2.57E-01	-1.81E-04	6.42E-04	3.99E-04	0.00E+00	1.48E-20	1.17E-10	4.79E-07	1.70E-03	3.17E-02	0.00E+00	0.00E+00	1.62E-01	5.89E-20	2.43E-01	0.00E+00	3.22E-09	3.80E-10	7.97E-05	0.00E+00	3.12E-02	0.00E+00	2.43E-01	7.89E-07	2.43E-01	2.79E-01	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-01	
WH25640303C	9.85E-04	3.98E-03	1.45E-03	8.82E-02	0.00E+00	0.00E+00	2.05E-01	-6.88E-04	4.16E-04	3.54E-03	0.00E+00	7.16E-21	-1.17E-09	1.13E-07	-9.26E-03	0.00E+00	0.00E+00	0.00E+00	1.79E+00	2.44E-20	1.74E-01	0.00E+00	2.46E-09	-1.74E-08	-1.52E-03	0.00E+00	-1.92E-01	0.00E+00	2.43E-01	-7.89E-07	4.80E-01	-7.89E-01	-1.92E-01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-01
WH25640304C	9.73E-03	3.94E-02	1.92E-03	3.79E-02	0.00E+00	0.00E+00	2.42E+00	-9.78E-04	4.11E-04	-5.26E-03	0.00E+00	8.24E-21	-1.42E-09	-1.14E-07	-4.76E-03	-9.39E-01	0.00E+00	0.00E+00	-1.99E+00	3.15E-20	4.80E-01	0.00E+00	3.62E-09	-1.94E-08	-1.97E-03	0.00E+00	-2.11E-01	0.00E+00	4.80E-01	2.84E-05	-4.80E-01	-1.09E-01	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-01	
WH25640305C	6.40E-04	-4.17E-03	1.98E-03	-5.89E-03	0.00E+00	0.00E+00	2.25E-01	-1.81E-03	6.03E-04	-6.13E-03	0.00E+00	6.87E-21	-1.80E-10	4.46E-01	1.08E-03	-6.19E-02	0.00E+00	0.00E+00	1.34E-01	2.84E-20	2.34E-02	0.00E+00	1.85E-09	-4.35E-10	2.33E-05	0.00E+00	1.26E-02	0.00E+00	3.46E-02	9.06E-07	9.34E-02	1.06E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-01	
WH25640500C	-1.01E-02	-1.05E-01	2.41E-03	-1.03E-01	0.00E+00	0.00E+00	2.81E+00	-1.04E-03	4.76E-04	-6.07E-03	0.00E+00	9.83E-22	-1.51E-09	1.21E-07	2.46E-03	3.26E-02	0.00E+00	0.00E+00	0.00E+00	2.13E+00	3.78E-21	-1.07E-01	0.00E+00	6.36E-09	-2.19E-08	-1.76E-03	0.00E+00	-2.82E-01	0.00E+00	-1.07E-01	3.02E-05	-1.07E-01	-1.98E-01	2.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-01
WH25640700C	1.05E-03	3.75E-02	2.78E-03	3.48E-02	0.00E+00	0.00E+00	5.35E-01	9.90E-07	6.89E-04	-4.11E-04	0.00E+00	1.45E-20	9.77E-11	1.63E-03	2.57E-03	3.23E-02	0.00E+00	0.00E+00	4.62E-01	5.23E-20	6.94E-01	0.00E+00	4.66E-09	2.88E-09	1.84E-04	0.00E+00	6.89E-02	0.00E+00	9.45E-01	6.62E-06	9.45E-01	6.52E-01	8.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-01	
WH25640705C	-1.02E-03	-1.06E-02	-1.98E-03	-3.86E-02	0.00E+00	0.00E+00	2.54E-01	-1.03E-03	4.25E-04	-3.53E-03	0.00E+00	6.79E-21	-1.48E-09	1.20E-07	-1.77E-03	-6.91E-01	0.00E+00	0.00E+00	-2.07E+00	3.13E-20	6.90E-01	0.00E+00	3.67E-09	-3.02E-08	-1.65E-03	0.00E+00	-2.06E-01	0.00E+00	-9.05E-01	-3.28E-05	-9.05E-01	-1.11E-01	3.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-01	
WH25645300C	-9.49E-03	-8.79E-02	2.39E-03	-9.95E-02	0.00E+00	0.00E+00	2.45E+00	-9.79E-04	-4.99E-04	-5.72E-03	0.00E+00	3.52E-22	-1.42E-09	-1.14E-07	-2.37E-03	-1.02E-02	0.00E+00	0.00E+00	0.00E+00	2.91E+00	1.95E-21	-1.03E-01	0.00E+00	5.19E-09	-2.02E-08	-1.86E-03	0.00E+00	-2.30E-01	0.00E+00	-1.03E-01	-2.94E-05	-1.03E-01	-1.29E-01	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-01
WH25645305C	6.40E-04	-4.27E-03	1.68E-03	-5.64E-03	0.00E+00	0.00E+00	2.25E-01	-1.81E-03	6.03E-04	-6.16E-03	0.00E+00	6.86E-21	-1.80E-10	4.46E-01	1.08E-03	-6.06E-02	0.00E+00	0.00E+00	1.34E-01	2.84E-20	2.34E-02	0.00E+00	1.84E-09	-4.60E-10	2.84E-05	0.00E+00	1.19E-02	0.00E+00	3.26E-02	4.07E-07	9.26E-02	1.05E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-01	
WH25645700C	1.12E-03	8.41E-02	3.12E-03	9.10E-02	0.00E+00	0.00E+00	5.89E-01	8.82E-07	7.27E-04	6.89E-04	0.00E+00	2.21E-20	1.06E-10	7.72E-03	3.17E-03	3.97E-02	0.00E+00	0.00E+00	4.78E-01	6.18E-20	7.96E-01	0.00E+00	6.09E-09	3.44E-02	2.99E-04	0.00E+00	7.19E-02	0.00E+00	7.96E-01	6.84E-06	7.96E-01	6.97E-01	7.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-01	
WH25915600C	6.23E-03	2.43E-02	3.17E-04	3.46E-02	0.00E+00	0.00E+00	3.94E-01	4.54E-04	-1.71E-04	-2.43E-03	0.00E+00	1.99E-20	1.36E-10	4.28E-08	1.16E-03	-9.20E-02	0.00E+00	0.00E+00	1.83E-01	7.12E-20	1.30E-01	0.00E+00	2.19E-09	-8.84E-09	3.12E-04	0.00E+00	-6.19E-02	0.00E+00	1.30E-01	1.06E-06	1.30E-01	4.80E-02	4.12E-02	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-01
WH25915800C	7.40E-03	-1.38E-01	2.54E-03	-1.33E-01	0.00E+00	0.00E+00	2.09E+00	-7.24E-04	3.96E-04	-4.92E-03	0.00E+00	1.25E-20	2.25E-09	-8.32E-08	-3.80E-03	-7.91E-01	0.00E+00	0.00E+00	-2.22E+00	4.79E-20	-1.95E+00	0.00E+00	-7.62E-09	2.47E-01	-1.74E-03	0.00E+00	-2.26E-01	0.00E+00	-1.95E+00	-2.66E-05	-1.95E+00	2.17E+00	-2.26E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-01	
WH25916600C	-0.80E-03	4.32E-03	2.07E-03	-5.07E-02	0.00E+00	0.00E+00	2.46E+00	-9.81E-04	4.23E-04	4.40E-03	0.00E+00	8.25E-21	-1.53E-09	1.14E-07	-1.03E-03	-9.51E-01	0.00E+00	0.00E+00	-2.08E+00	3.19E-20	-1.01E+00	0.00E+00	-4.29E-09	-2.94E-08	-1.84E-03	0.00E+00	-2.26E-01	0.00E+00	-3.01E+00	-2.89E-05	-1.01E+00	-1.23E+00	-2.26E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-01	
WH26580300C	7.29E-04	1.36E-02	1.07E-03	1.38E-02	0.00E+00	0.00E+00	5.24E-01	-2.83E-04	9.89E-05	-1.23E-03	0.00E+00	9.74E-21	3.20E-10	-3.27E-08	5.96E-04	2.19E-01	0.00E+00	0.00E+00	4.18E-01	3.47E-20	2.99E-02	0.00E+00	9.11E-10	4.33E-03	3.76E-04	0.00E+00	4.58E-02	0.00E+00	2.99E-02	1.84E-06	2.99E-02	-1.81E-02	-4.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-01	
WH26640300C	2.74E-04	3.98E-02	2.06E-03	5.48E-02	0.00E+00	0.00E+00	2.05E-01	-1.81E-05	6.43E-04	4.15E-04	0.00E+00	1.51E-20	9.26E-10	1.37E-08	1.27E-03	6.19E-02	0.00E+00	0.00E+00	1.19E+00	5.79E-20	2.91E-01	0.00E+00	3.69E-09	4.87E-10	8.05E-05	0.00E+00	4.44E-02	0.00E+00	3.96E-01	1.82E-07	2.91E-01	1.49E-01	4.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-01	
WH26640700C	-1.01E-02	-3.02E-03	-1.13E-03	-1.93E-03	0.00E+00	0.00E+00	2.31E+00	-1.03E-03	4.03E-04	-5.20E-03	0.00E+00	1.55E-20	-1.23E-09	-1.20E-07	-4.79E-04	-8.31E-01	0.00E+00	0.00E+00	-1.81E+00	5.84E-20	-4.91E-01	0.00E+00	-1.11E-09	-1.79E-08	-1.91E-03	0.00E+00	-1.72E-01	0.00E+00	-4.91E-01	2.87E-05	-4.91E-01	-4.23E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-01	
WH27580300C	6.74E-05	1.60E-03	4.23E-04	1.17E-03	0.00E+00	0.00E+00	1.02E-02	-1.74E-02	1.60E-04	-3.01E-03	0.00E+00	4.98E-21	-1.80E-10	1.60E-11	2.92E-04	2.72E-01	0.00E+00	0.00E+00	5.91E-02	1.91E-20	2.80E-02	0.00E+00	3.31E-10	-1.32E-03	3.66E-05	0.00E+00	3.91E-02	0.00E+00	2.80E-02	7.47E-07	7.89E-02	-1.18E-01	3.91E-02	0.00E+00	0.00E+00	0.			

WH36640349C	-1.86E-02	-3.34E-01	-1.48E-03	-3.36E-01	0.00E+00	0.00E+00	2.46E-02	-9.86E-04	5.79E-04	-7.23E-03	0.00E+00	1.34E-02	-1.48E-03	-1.14E-07	-1.25E-01	6.26E-02	0.00E+00	0.00E+00	-1.41E-04	5.17E-02	-3.09E-02	0.00E+00	8.74E-03	-3.34E-02	3.10E-03	0.00E+00	-1.77E-04	0.00E+00	-3.09E-02	-2.81E-05	-3.09E-02	4.88E-02	-1.77E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-02
WH36640700C	-1.03E-02	-1.60E-01	-2.07E-03	-1.58E-01	0.00E+00	0.00E+00	2.54E-02	-1.03E-03	4.99E-04	-8.05E-03	0.00E+00	4.93E-02	-1.46E-03	-1.20E-07	2.33E-03	6.07E-02	0.00E+00	0.00E+00	2.11E-04	1.10E-01	-9.30E-01	0.00E+00	4.93E-02	2.31E-02	-1.76E-03	0.00E+00	-9.76E-01	0.00E+00	8.35E-01	-2.99E-05	9.30E-01	-1.91E-02	-9.76E-01	0.00E+00	0.00E+00	0.00E+00	8.03E-01
WH36645300C	9.47E-03	1.33E-02	6.04E-04	1.36E-02	0.00E+00	0.00E+00	2.11E-04	-6.68E-04	-3.84E-04	-4.73E-03	0.00E+00	6.04E-02	-1.15E-03	-1.13E-07	4.74E-03	-6.22E-01	0.00E+00	0.00E+00	-1.67E-04	1.63E-01	-1.73E-01	0.00E+00	3.85E-01	-1.59E-04	-1.37E-03	0.00E+00	-1.86E-01	0.00E+00	-1.73E-01	2.78E-05	-1.73E-01	-3.02E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
WH36645300Q	9.47E-03	1.33E-02	6.04E-04	1.36E-02	0.00E+00	0.00E+00	2.11E-04	-6.68E-04	-3.84E-04	-4.73E-03	0.00E+00	6.04E-02	-1.15E-03	-1.13E-07	4.74E-03	-6.22E-01	0.00E+00	0.00E+00	-1.67E-04	1.63E-01	-1.73E-01	0.00E+00	3.85E-01	-1.59E-04	-1.37E-03	0.00E+00	-1.86E-01	0.00E+00	-1.73E-01	2.78E-05	-1.73E-01	-3.02E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	3.71E-01
WH36912300C	-1.96E-03	-1.29E-02	-1.22E-05	-1.18E-02	0.00E+00	0.00E+00	-2.17E-05	-9.88E-04	3.90E-04	-4.91E-03	0.00E+00	1.52E-02	-1.16E-03	-1.13E-07	-8.95E-04	-1.62E-01	0.00E+00	0.00E+00	-1.71E-04	5.51E-02	-4.69E-01	0.00E+00	-1.29E-02	-1.70E-04	-1.42E-03	0.00E+00	-2.91E-01	0.00E+00	-4.69E-01	-2.79E-05	-4.69E-01	-2.91E-01	0.00E+00	0.00E+00	0.00E+00	7.43E-01	
WH36912300Q	-1.96E-03	-1.29E-02	-1.22E-05	-1.18E-02	0.00E+00	0.00E+00	-2.17E-05	-9.88E-04	3.90E-04	-4.91E-03	0.00E+00	1.52E-02	-1.16E-03	-1.13E-07	-8.95E-04	-1.62E-01	0.00E+00	0.00E+00	-1.71E-04	5.51E-02	-4.69E-01	0.00E+00	-1.29E-02	-1.70E-04	-1.42E-03	0.00E+00	-2.91E-01	0.00E+00	-4.69E-01	-2.79E-05	-4.69E-01	-2.91E-01	0.00E+00	0.00E+00	0.00E+00	7.43E-01	
WH36912300Q	4.75E-04	4.50E-01	1.70E-03	-5.52E-01	0.00E+00	0.00E+00	3.98E-01	-1.20E-06	4.99E-04	-9.07E-04	0.00E+00	2.70E-02	-2.90E-01	-5.89E-03	-9.94E-04	-4.30E-01	0.00E+00	0.00E+00	1.93E-01	9.77E-02	3.09E-01	0.00E+00	-1.96E-02	-1.93E-04	-1.93E-04	0.00E+00	-6.22E-02	0.00E+00	-3.05E-01	1.08E-07	-3.05E-01	6.53E-02	-6.22E-02	0.00E+00	0.00E+00	0.00E+00	7.69E-02
WH36912303C	-4.28E-03	1.85E-01	3.53E-03	1.85E-01	0.00E+00	0.00E+00	4.79E-01	-5.85E-04	8.16E-08	-8.21E-04	0.00E+00	1.59E-01	-1.06E-03	8.35E-03	2.03E-02	-1.69E-01	0.00E+00	0.00E+00	-2.96E-01	4.83E-01	3.97E-02	0.00E+00	2.77E-02	1.11E-02	3.26E-04	0.00E+00	2.76E-02	0.00E+00	3.97E-02	-1.48E-05	3.97E-02	3.29E-02	7.95E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-01
WH36912303Q	-4.28E-03	1.85E-01	3.53E-03	1.85E-01	0.00E+00	0.00E+00	4.79E-01	-5.85E-04	8.16E-08	-8.21E-04	0.00E+00	1.59E-01	-1.06E-03	8.35E-03	2.03E-02	-1.69E-01	0.00E+00	0.00E+00	-2.96E-01	4.83E-01	3.97E-02	0.00E+00	2.77E-02	1.11E-02	3.26E-04	0.00E+00	2.76E-02	0.00E+00	3.97E-02	-1.48E-05	3.97E-02	3.29E-02	7.95E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-01
WH36912349C	-1.93E-03	4.12E-01	-1.11E-03	4.08E-01	0.00E+00	0.00E+00	6.40E-01	-1.91E-04	1.34E-04	-2.69E-03	0.00E+00	1.06E-02	8.10E-03	-1.94E-03	3.58E-03	-4.05E-01	0.00E+00	0.00E+00	8.07E-01	4.08E-02	1.48E-02	0.00E+00	8.66E-02	2.82E-01	8.22E-04	0.00E+00	9.94E-02	0.00E+00	-1.48E-02	-7.12E-06	-1.48E-02	7.40E-02	9.94E-02	0.00E+00	0.00E+00	0.00E+00	3.29E-01
WH36912349Q	-1.93E-03	4.12E-01	-1.11E-03	4.08E-01	0.00E+00	0.00E+00	6.40E-01	-1.91E-04	1.34E-04	-2.69E-03	0.00E+00	1.06E-02	8.10E-03	-1.94E-03	3.58E-03	-4.05E-01	0.00E+00	0.00E+00	8.07E-01	4.08E-02	1.48E-02	0.00E+00	8.66E-02	2.82E-01	8.22E-04	0.00E+00	9.94E-02	0.00E+00	-1.48E-02	-7.12E-06	-1.48E-02	7.40E-02	9.94E-02	0.00E+00	0.00E+00	0.00E+00	3.29E-01
WH36912349Q	-1.12E-04	4.27E-01	6.20E-04	4.26E-01	0.00E+00	0.00E+00	-1.72E-01	-1.96E-03	3.08E-04	-1.94E-03	0.00E+00	7.28E-01	-8.88E-03	2.17E-03	3.14E-03	-0.01E-01	0.00E+00	0.00E+00	-4.25E-01	2.80E-02	-1.29E-02	0.00E+00	3.97E-02	-2.49E-02	8.82E-04	0.00E+00	8.66E-02	0.00E+00	-1.29E-02	-3.98E-07	-1.29E-02	-7.15E-02	8.66E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-01
WH36912400C	-1.59E-03	4.52E-01	-1.99E-03	2.59E-01	0.00E+00	0.00E+00	3.34E-02	-3.87E-06	1.91E-04	-1.76E-03	0.00E+00	4.07E-02	-6.50E-03	3.66E-03	2.47E-01	-8.33E-02	0.00E+00	0.00E+00	-3.43E-04	1.36E-01	-3.09E-02	0.00E+00	1.26E-01	-2.93E-04	-4.79E-04	0.00E+00	2.74E-02	0.00E+00	-3.09E-02	-1.66E-06	3.89E-02	4.44E-02	-2.74E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-02
WH36912400Q	-1.59E-03	4.52E-01	-1.99E-03	2.59E-01	0.00E+00	0.00E+00	3.34E-02	-3.87E-06	1.91E-04	-1.76E-03	0.00E+00	4.07E-02	-6.50E-03	3.66E-03	2.47E-01	-8.33E-02	0.00E+00	0.00E+00	-3.43E-04	1.36E-01	-3.09E-02	0.00E+00	1.26E-01	-2.93E-04	-4.79E-04	0.00E+00	2.74E-02	0.00E+00	-3.09E-02	-1.66E-06	3.89E-02	4.44E-02	-2.74E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-02
WH36912400Q	7.80E-03	5.02E-01	1.08E-02	4.91E-01	0.00E+00	0.00E+00	1.94E-02	6.77E-06	1.05E-03	5.48E-03	0.00E+00	1.38E-01	2.84E-03	1.02E-03	2.49E-02	4.74E-01	0.00E+00	0.00E+00	2.42E-04	5.21E-01	7.95E-02	0.00E+00	6.00E-02	2.94E-02	1.70E-03	0.00E+00	3.67E-01	0.00E+00	7.95E-02	3.58E-06	7.95E-02	9.71E-02	3.67E-01	0.00E+00	0.00E+00	0.00E+00	8.84E-01
WH36912403C	3.42E-03	6.94E-01	-4.28E-03	6.92E-01	0.00E+00	0.00E+00	-1.20E-02	5.67E-04	6.54E-04	-8.63E-03	0.00E+00	1.47E-02	8.35E-03	-8.69E-03	-2.45E-01	-2.47E-01	0.00E+00	0.00E+00	-4.29E-02	4.98E-02	-4.95E-02	0.00E+00	0.34E-02	-4.36E-02	-1.87E-03	0.00E+00	6.18E-02	0.00E+00	-4.95E-02	-1.68E-06	4.95E-02	6.94E-02	6.18E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-02
WH36912403Q	3.42E-03	6.94E-01	-4.28E-03	6.92E-01	0.00E+00	0.00E+00	-1.20E-02	5.67E-04	6.54E-04	-8.63E-03	0.00E+00	1.47E-02	8.35E-03	-8.69E-03	-2.45E-01	-2.47E-01	0.00E+00	0.00E+00	-4.29E-02	4.98E-02	-4.95E-02	0.00E+00	0.34E-02	-4.36E-02	-1.87E-03	0.00E+00	6.18E-02	0.00E+00	-4.95E-02	-1.68E-06	4.95E-02	6.94E-02	6.18E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-02
WH36912403Q	5.67E-03	5.51E-01	1.88E-04	5.51E-01	0.00E+00	0.00E+00	-1.12E-03	-5.47E-04	-1.92E-04	-3.97E-03	0.00E+00	2.46E-02	-7.30E-03	8.27E-06	-1.76E-03	-0.26E-01	0.00E+00	0.00E+00	-1.01E-04	6.14E-02	-8.26E-01	0.00E+00	4.96E-02	-3.94E-04	-1.10E-03	0.00E+00	-8.86E-02	0.00E+00	-3.26E-01	-1.56E-05	2.85E-01	-6.72E-02	3.89E-02	0.00E+00	0.00E+00	0.00E+00	3.33E-01
WH36912405C	-1.89E-02	8.14E-01	-3.27E-03	6.10E-01	0.00E+00	0.00E+00	-1.09E-01	-1.80E-02	4.81E-02	-3.55E-03	0.00E+00	1.27E-02	-6.39E-03	-1.27E-03	2.45E-01	-2.07E-01	0.00E+00	0.00E+00	-4.53E-04	4.87E-02	-4.99E-02	0.00E+00	6.21E-02	-3.51E-02	-1.10E-03	0.00E+00	-4.56E-02	0.00E+00	-4.99E-02	-1.02E-06	-4.56E-02	-6.19E-02	-4.56E-02	0.00E+00	0.00E+00	0.00E+00	-1.81E-02
WH36912405Q	-1.89E-02	8.14E-01	-3.27E-03	6.10E-01	0.00E+00	0.00E+00	-1.09E-01	-1.80E-02	4.81E-02	-3.55E-03	0.00E+00	1.27E-02	-6.39E-03	-1.27E-03	2.45E-01	-2.07E-01	0.00E+00	0.00E+00	-4.53E-04	4.87E-02	-4.99E-02	0.00E+00	6.21E-02	-3.51E-02	-1.10E-03	0.00E+00	-4.56E-02	0.00E+00	-4.99E-02	-1.02E-06	-4.56E-02	-6.19E-02	-4.56E-02	0.00E+00	0.00E+00	0.00E+00	-1.81E-02
WH36912449C	1.30E-04	4.85E-01	2.91E-04	4.83E-01	0.00E+00	0.00E+00	8.99E-02	-1.94E-02	3.02E-04	-1.10E-03	0.00E+00	2.23E-02	-5.59E-02	2.45E-02	-1.64E-03	-0.01E-01	0.00E+00	0.00E+00	3.34E-01	8.33E-02	5.08E-01	0.00E+00	-4.23E-02	-2.17E-02	3.69E-04	0.00E+00	-5.42E-02	0.00E+00	5.08E-01	8.73E-07	-0.06E-01	-6.34E-02	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-01
WH36912449Q	1.30E-04	4.85E-01	2.91E-04	4.83E-01	0.00E+00	0.00E+00	8.99E-02	-1.94E-02	3.02E-04	-1.10E-03	0.00E+00	2.23E-02	-5.59E-02	2.45E-02	-1.64E-03	-0.01E-01	0.00E+00	0.00E+00	3.34E-01	8.33E-02	5.08E-01	0.00E+00	-4.23E-02	-2.17E-02	3.69E-04	0.00E+00	-5.42E-02	0.00E+00	5.08E-01	8.73E-07	-0.06E-01	-6.34E-02	5.42E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-01
WH36912449Q	3.82E-03	2.66E-01	5.99E-03	2.61E-01	0.00E+00	0.00E+00	-1.28E-01	-6.42E-04	6.12E-03	1.85E-04	0.00E+00	1.69E-02	6.00E-02	-6.69E-02	3.31E-02	-1.27E-02	0.00E+00	0.00E+00	3.02E-01	5.10E-01	4.21E-02	0.00E+00	3.31E-02	6.92E-02	1.08E-04	0.00E+00	1.96E-01	0.00E+00	4.21E-02	-1.37E-05	4.21E-02	5.88E-02	1.96E-01	0.00E+00	0.00E+00	0.00E+00	3.91E-02
WH36912490C	-3.22E-03	3.74E-01	3.16E-03	3.71E-01	0.00E+00	0.00E+00	-1.28E-01	-5.58E-04	3.16E-03	1.30E-03	0.00E+00	1.17E-01	6.00E-02	-6.28E-02	-0.33E-01	-0.33E-01	0.00E+00	0.00E+00	8.50E-01	4.46E-01	5.97E-02	0.00E+00	4.78E-02	1.07E-03	3.76E-04	0.00E+00	1.16E-01	0.00E+00	5.97E-02	3.44E-06	5.97E-02	4.00E-02	1.16E-01	0.00E+00	0.00E+00	0.00E+00	8.07E-02
WH36912500C	3.76E-04	-1.27E-01	3.78E-03	-1.31E-01	0.00E+00	0.00E+00	1.34E-02	3.71E-06	8.23E-04	-1.52E-04	0.00E+00	7.60E-02	9.24E-01	8.44E-03	-0.31E-01	-3.72E-02	0.00E+00	0.00E+00	-2.78E-04	2.76E-01	-1.34E-01	0.00E+00	2.42E-02	8.22E-01	5.51E-05	0.00E+00											

