

Product Environmental Profile

Enclosures FWP, univers, IP44, SKII, 120PLE



Company information

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A question concerning the Product Environmental Profile: infopep@hager.com

References covered

Cabinet Ranges: FW*, FR*, FP*, FG*, FS*; casing parts; UniversN; empty enclosure meter board; meter panel; Accessories

For complete list of the covered references, see details in Annex I

Methodology

PEP has been performed according to the PCR version PEP-PCR-ed4-2021 09 06 and PSR version No PSR 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

FWB52S

Use scenario based on :

PSR product Category : No PSR
0

Functional unit

Protect people from direct contact with live active parts and ensure the grouping of control, command and protection devices in a single enclosure or cabinet having the following dimensions 800x550x165mm, with rated current In 125A, while protecting them against mechanical impacts (IK09) and the penetration of solid objects and liquids (IP44), 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	%
HI PS	1500.60	8.1%	Steel	12436.98	66.8%	Cardboard	1402.73	7.5%
PS	1034.00	5.6%	Copper	155.35	0.8%	Wood	435.91	2.3%
Silicon rubber	327.80	1.8%	Zinc	26.69	0.1%	Titanium dioxide	69.75	0.4%
PC	126.18	0.7%	Other	41.05	0.2%	Glass	41.34	0.2%
PA6	121.92	0.7%				Other	288.87	1.6%
Other	560.91	3.0%						
Total mass of reference product with raw material packaging :			##### g					
Total mass of reference product (Product + packaging)			17436.402 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	0%	0	100%

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

For the reference product there is no Power loss in the Use-Phase. If there is an internal equipment with Power Loss the use phase is calculated based on PowerLoss (Pw) at 30% of the nominal current, 100% of time. The life span is 20 years.

Energy model of the use phase :

None

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: 76%. 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	None	Europe	None	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	2.52E-01	2.01E-02	3.27E-03	0.00E+00	7.48E-02	3.51E-01	-4.62E-02
Climate change - Total (PEF-GWP)	kg CO2 eq.	7.61E+01	3.17E+00	1.46E+00	0.00E+00	1.67E+01	9.74E+01	-9.54E+00
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	-1.93E+00	0.00E+00	2.72E-01	0.00E+00	9.29E-01	-7.29E-01	8.81E-02
Climate change-Fossil (PEF-GWPF)	kg CO2 eq.	7.80E+01	3.17E+00	1.18E+00	0.00E+00	1.58E+01	9.82E+01	-9.63E+00
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	4.86E+03	2.08E+00	1.69E+01	0.00E+00	1.73E+02	5.06E+03	1.88E+01
EF-particulate Matter (PEF-PM)	Incidence of diseases	1.33E-06	1.63E-07	1.95E-08	0.00E+00	7.42E-07	2.25E-06	-9.33E-07
Eutrophication, freshwater (PEF-Epf)	kg P eq.	2.40E-04	1.19E-06	1.61E-05	0.00E+00	3.47E-04	6.05E-04	-4.71E-03
Eutrophication marine (PEF-Epm)	kg N eq.	4.31E-02	9.41E-03	1.56E-03	0.00E+00	1.93E-02	7.34E-02	-2.50E-03
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	4.63E-01	1.03E-01	9.70E-03	0.00E+00	1.58E-01	7.33E-01	-9.68E-02
Human toxicity, cancer (PEF-CTUh-c)	CTUh	3.22E-07	5.57E-11	1.29E-07	0.00E+00	2.62E-08	4.78E-07	-1.28E-07
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	1.12E-06	1.08E-09	3.79E-09	0.00E+00	4.27E-07	1.55E-06	-2.82E-07
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	8.24E+01	7.72E-03	1.76E-01	0.00E+00	1.07E+00	8.36E+01	2.60E-01
Land use (PEF-LU)	No dimension	2.19E+00	0.00E+00	3.13E-03	0.00E+00	3.52E+01	3.74E+01	-2.80E+01
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	2.84E-06	4.86E-09	1.51E-08	0.00E+00	1.69E-06	4.55E-06	7.87E-08
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	1.67E-01	2.60E-02	2.27E-03	0.00E+00	4.33E-02	2.39E-01	-5.65E-02
Resource use, fossils (PEF-ADPF)	MJ	2.28E+04	4.42E+01	1.12E+01	0.00E+00	2.22E+02	2.31E+04	-5.60E+01
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	1.88E-02	1.25E-07	2.74E-08	0.00E+00	4.91E-05	1.89E-02	-2.37E-04
Water use (PEF-WU)	m3 eq.	2.38E+01	1.20E-02	8.83E-02	0.00E+00	4.23E+03	4.25E+03	-2.27E+03

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	5.54E-01	2.80E-04	2.06E-03	0.00E+00	1.22E+02	1.22E+02	-4.54E+01
Total use of primary energy	MJ	2.29E+04	4.43E+01	1.27E+01	0.00E+00	2.43E+02	2.32E+04	-6.06E+01
Total use of non renewable primary energy resources	MJ	2.28E+04	4.42E+01	1.12E+01	0.00E+00	2.22E+02	2.31E+04	-5.60E+01
Total use of renewable primary energy resources	MJ	4.15E+01	5.90E-02	1.49E+00	0.00E+00	2.12E+01	6.42E+01	-4.65E+00
Use of non-renewable primary energy, excluding non renewable primary energy resources used as raw materials	MJ	2.27E+04	4.42E+01	1.12E+01	0.00E+00	2.22E+02	2.30E+04	-5.60E+01
Use of non-renewable primary energy resources as raw materials	MJ	1.48E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+02	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	7.77E+00	5.90E-02	1.49E+00	0.00E+00	2.12E+01	3.05E+01	-4.65E+00
Use of renewable primary energy resources as raw materials	MJ	3.37E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E+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	7.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02	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	2.00E+01	0.00E+00	2.86E-02	0.00E+00	-3.68E-02	2.00E+01	3.06E-18
Non-hazardous waste disposed	kg	6.28E+00	1.11E-01	4.86E-01	0.00E+00	4.99E-01	7.37E+00	1.07E-17
Radioactive waste disposed	kg	2.47E-03	7.93E-05	5.80E-05	0.00E+00	1.46E-05	2.62E-03	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	1.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-01	0.00E+00
Materials for energy recovery	kg	1.99E-01	0.00E+00	9.88E-02	0.00E+00	1.25E-03	2.99E-01	0.00E+00
Materials for recycling	kg	2.30E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	2.30E+00	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	1.40E+00	2.88E-02	4.36E-01	1.87E+00
Biogenic carbon content (declared unit)	kg of C	3.93E-01	1.09E-02	1.72E-01	5.76E-01
Biogenic carbon content (functional unit)	kg of C	3.93E-01	1.09E-02	1.72E-01	5.76E-01
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 phases and indicators are based on a Life Cycle Assessment (LCA) conducted for specific references in this product family covered by this PEP, as detailed in Appendix.

Verification

Registration N°: HAGE-00933-V01.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	No PSR
Verifier accreditation N°: VH37	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 12-2024	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-EpF) - [kg P eq.]	Eutrophication, marine (PEF-EpM) - [kg N eq.]	Eutrophication, terrestrial (PEF-EpT) - [mole of N eq.]	Exported Energy - [MJ]	Hazardous waste disposed - [kg]	Human toxicity, cancer (PEF-CTUh-c) - [CTUh]	Human toxicity, non-cancer (PEF-CTUh-n) - [CTUh]	Ionising radiation, human health (PEF-IR) - [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-ADP) - [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.]
FWB52S	2.62E+01	7.78E+01	1.92E+01	7.95E+01	1.85E+01	0.00E+00	5.08E+03	3.26E-04	4.40E+02	4.73E+01	1.50E+01	2.34E+01	3.27E+02	1.19E+06	8.00E+01	2.93E+00	2.03E+01	2.32E+00	9.76E+01	6.54E+00	2.27E+04	1.62E+02	2.80E+00	1.39E+00	1.71E+01	2.57E+03	8.00E+00	3.41E+01	2.29E+04	2.43E+02	2.29E+04	2.29E+04	4.21E+01	0.00E+00	0.00E+00	7.03E+02	2.47E+01
FZ8960RMA	9.75E+03	2.83E+00	-1.52E+02	2.88E+00	0.00E+00	0.00E+00	1.78E+00	4.19E-06	1.63E+03	1.78E+02	4.38E+03	7.99E+03	3.26E+09	2.17E+09	8.47E+01	1.10E+01	5.93E+03	1.25E+01	2.98E+02	5.02E+02	3.65E+03	9.37E+01	1.16E+00	5.01E+00	6.20E+03	1.47E+00	6.84E+01	4.34E+01	3.61E+03	3.71E+00	3.65E+03	3.65E+03	3.65E+03	1.12E+00	0.00E+00	0.00E+00	1.03E+00
FZ8985RMA	1.41E+02	4.01E+00	2.28E+02	4.03E+00	0.00E+00	0.00E+00	1.28E+01	7.28E-06	2.35E+03	2.53E+02	6.34E+03	1.06E+02	4.72E+09	3.18E+09	8.69E+01	1.56E+01	8.98E+03	1.87E+01	3.34E+02	8.04E+02	5.19E+03	1.41E+00	2.15E+00	7.18E+00	9.00E+03	1.81E+00	7.26E+01	6.26E+01	5.19E+03	5.38E+00	5.19E+03	5.19E+03	1.35E+00	0.00E+00	0.00E+00	1.43E+00	
FZ8911RMA	1.83E+02	9.21E+00	2.39E+02	5.24E+00	0.00E+00	0.00E+00	1.61E+01	9.10E-06	3.05E+03	3.28E+02	8.23E+03	1.13E+02	6.12E+09	4.11E+09	8.83E+01	2.01E+01	1.11E+02	2.20E+01	4.34E+02	9.73E+02	6.72E+03	1.74E+00	2.68E+00	9.24E+00	1.17E+02	2.14E+00	7.03E+01	8.16E+01	6.72E+03	6.89E+00	6.72E+03	6.72E+03	1.58E+00	0.00E+00	0.00E+00	1.87E+00	
FZ8913RMA	2.22E+02	6.35E+00	3.87E+02	6.39E+00	0.00E+00	0.00E+00	1.95E+01	1.09E-05	3.71E+03	3.99E+02	1.01E+02	1.25E+02	7.52E+09	5.00E+09	8.68E+01	2.47E+01	1.37E+02	2.62E+01	5.26E+02	1.14E+03	8.20E+03	2.07E+00	3.21E+00	1.12E+01	4.61E+00	2.47E+00	8.08E+01	1.00E+00	8.20E+03	8.35E+00	8.20E+03	1.80E+00	0.00E+00	0.00E+00	2.73E+00		
FZ8916RMA	2.81E+02	7.49E+00	4.38E+02	7.54E+00	0.00E+00	0.00E+00	2.25E+01	1.27E-05	4.37E+03	4.70E+02	1.20E+02	1.38E+02	8.91E+09	6.88E+09	9.33E+01	2.92E+01	1.60E+02	3.04E+01	6.24E+02	1.31E+03	9.79E+03	2.45E+00	3.74E+00	1.32E+01	1.88E+02	2.89E+00	8.42E+01	1.19E+00	9.79E+03	1.01E+04	9.79E+03	9.90E+00	2.03E+00	0.00E+00	0.00E+00	2.88E+00	
FZ8935ESA	6.78E+01	1.92E+00	-1.12E+02	1.93E+00	0.00E+00	0.00E+00	6.16E+00	3.72E-06	1.13E+03	1.23E+02	2.85E+03	7.33E+03	2.13E+09	1.54E+09	8.34E+01	7.48E+00	3.88E+03	9.33E+02	1.61E+02	3.65E+02	2.95E+03	8.26E+01	1.07E+00	3.32E+00	4.33E+03	5.67E+00	6.26E+01	2.83E+01	2.95E+03	2.55E+00	2.55E+03	2.90E+03	1.12E+01	0.00E+00	0.00E+00	6.91E+01	
FZ8960ESA	1.10E+02	3.13E+00	1.83E+02	3.15E+00	0.00E+00	0.00E+00	6.83E+00	5.54E-06	1.83E+03	1.97E+02	4.74E+03	8.80E+03	3.34E+09	2.47E+09	8.50E+01	1.20E+01	6.41E+03	1.44E+01	2.82E+02	5.32E+02	4.94E+03	9.95E+01	1.60E+00	5.80E+00	7.01E+03	8.97E+00	6.71E+01	4.70E+01	4.94E+03	4.13E+00	4.04E+03	4.13E+00	1.14E+00	0.00E+00	0.00E+00	1.12E+00	
FZ8985ESA	6.40E+03	1.80E+00	9.68E+03	1.81E+00	0.00E+00	0.00E+00	9.98E+00	1.81E-06	3.74E+03	2.88E+02	6.91E+03	9.88E+03	4.93E+09	3.28E+09	8.66E+01	1.66E+01	8.95E+03	1.36E+02	3.96E+02	4.73E+02	5.57E+03	1.26E+00	3.76E+00	7.96E+00	9.54E+03	1.28E+00	7.18E+01	6.35E+01	5.57E+03	5.57E+03	5.57E+03	1.37E+00	0.00E+00	0.00E+00	1.53E+00		
FZ8911ESA	1.88E+02	5.40E+00	3.23E+02	5.44E+00	0.00E+00	0.00E+00	1.64E+01	9.14E-06	3.15E+03	3.39E+02	8.50E+03	1.11E+02	6.32E+09	4.23E+09	8.78E+01	2.12E+01	1.15E+02	2.33E+01	4.51E+02	8.72E+02	7.10E+03	1.62E+00	2.68E+00	9.34E+00	1.21E+02	1.55E+00	7.44E+01	8.43E+01	7.10E+03	7.24E+00	7.10E+03	7.11E+03	1.59E+00	0.00E+00	0.00E+00	1.94E+00	
FZ8913ESA	2.30E+02	6.81E+00	3.94E+02	6.83E+00	0.00E+00	0.00E+00	1.99E+01	1.10E-05	3.84E+03	4.14E+02	1.04E+02	1.23E+02	7.73E+09	5.18E+09	9.32E+01	2.57E+01	1.41E+02	2.82E+01	5.52E+02	1.04E+03	8.84E+03	1.90E+00	3.25E+00	1.18E+01	1.48E+02	1.88E+00	7.81E+01	1.03E+00	8.84E+03	8.85E+00	8.84E+03	8.84E+03	1.81E+00	0.00E+00	0.00E+00	2.37E+00	
FZ8916ESA	2.95E+02	7.78E+00	4.84E+02	7.80E+00	0.00E+00	0.00E+00	2.33E+01	1.28E-05	4.50E+03	4.85E+02	1.23E+02	1.37E+02	9.12E+09	6.05E+09	9.36E+01	3.09E+01	1.68E+02	3.24E+01	6.47E+02	1.21E+03	1.04E+04	2.28E+00	3.72E+00	1.38E+01	1.73E+02	2.22E+00	8.29E+01	1.22E+00	1.04E+04	1.04E+04	1.04E+04	2.04E+00	0.00E+00	0.00E+00	2.78E+00		
FZ8935RRA	6.40E+03	1.80E+00	9.68E+03	1.81E+00	0.00E+00	0.00E+00	9.98E+00	1.81E-06	3.74E+03	2.88E+02	6.91E+03	9.88E+03	4.93E+09	3.28E+09	8.66E+01	1.66E+01	8.95E+03	1.36E+02	3.96E+02	4.73E+02	5.57E+03	1.26E+00	3.76E+00	7.96E+00	9.54E+03	1.28E+00	7.18E+01	6.35E+01	5.57E+03	5.57E+03	5.57E+03	1.37E+00	0.00E+00	0.00E+00	1.53E+00		
FZ8960RRA	1.06E+02	3.01E+00	-8.16E+02	3.02E+00	0.00E+00	0.00E+00	9.45E+00	5.53E-06	1.77E+03	1.91E+02	4.62E+03	8.73E+03	3.44E+09	2.40E+09	8.54E+01	1.15E+01	6.25E+03	1.35E+01	2.51E+02	6.48E+02	3.84E+03	1.06E+00	1.62E+00	5.41E+00	6.78E+03	1.51E+00	6.43E+01	4.58E+01	3.89E+03	3.99E+00	3.81E+03	3.89E+03	1.14E+00	0.00E+00	0.00E+00	1.08E+00	
FZ8985RRA	1.45E+02	4.14E+00	-3.23E+02	4.17E+00	0.00E+00	0.00E+00	1.28E+01	7.34E-06	2.43E+03	2.61E+02	6.49E+03	1.01E+02	4.84E+09	3.28E+09	8.73E+01	1.61E+01	8.79E+03	1.78E+01	3.45E+02	8.17E+02	5.98E+03	1.42E+00	2.15E+00	7.32E+00	9.22E+03	1.84E+00	7.38E+01	6.44E+01	5.98E+03	5.54E+00	5.58E+03	5.58E+03	1.38E+00	0.00E+00	0.00E+00	1.48E+00	
FZ8911RRA	1.87E+02	5.35E+00	3.02E+02	5.38E+00	0.00E+00	0.00E+00	1.63E+01	9.16E-06	3.12E+03	3.36E+02	8.38E+03	1.14E+02	6.24E+09	4.21E+09	8.88E+01	2.07E+01	1.13E+02	2.30E+01	4.46E+02	9.87E+02	6.92E+03	1.75E+00	2.68E+00	9.47E+00	1.20E+02	2.17E+00	7.89E+01	8.31E+01	6.92E+03	7.14E+00	6.92E+03	6.92E+03	1.81E+00	0.00E+00	0.00E+00	1.92E+00	
FZ8913RRA	2.28E+02	6.49E+00	3.73E+02	6.52E+00	0.00E+00	0.00E+00	1.97E+01	1.10E-05	3.77E+03	4.07E+02	1.03E+02	1.28E+02	7.83E+09	5.09E+09	9.21E+01	2.52E+01	1.39E+02	2.72E+01	5.41E+02	1.16E+03	8.49E+03	2.08E+00	3.22E+00	1.14E+01	1.40E+02	2.50E+00	8.27E+01	1.02E+00	8.49E+03	8.69E+00	8.49E+03	1.84E+00	0.00E+00	0.00E+00	2.33E+00		
FZ8916RRA	2.88E+02	7.43E+00	4.43E+02	7.47E+00	0.00E+00	0.00E+00	2.31E+01	1.28E-05	4.44E+03	4.78E+02	1.21E+02	1.40E+02	9.03E+09	5.97E+09	9.21E+01	2.98E+01	1.64E+02	3.14E+01	6.36E+02	1.32E+03	9.98E+03	2.41E+00	3.75E+00	1.34E+01	1.70E+02	2.63E+00	8.69E+01	1.20E+00	9.98E+03	1.02E+04	9.98E+03	9.98E+03	2.07E+00	0.00E+00	0.00E+00	2.73E+00	
FZ8935RRLA	6.40E+03	1.80E+00	9.68E+03	1.81E+00	0.00E+00	0.00E+00	9.98E+00	1.81E-06	3.74E+03	2.88E+02	6.91E+03	9.88E+03	4.93E+09	3.28E+09	8.66E+01	1.66E+01	8.95E+03	1.36E+02	3.96E+02	4.73E+02	5.57E+03	1.26E+00	3.76E+00	7.96E+00	9.54E+03	1.28E+00	7.18E+01	6.35E+01	5.57E+03	5.57E+03	5.57E+03	1.37E+00	0.00E+00	0.00E+00	1.53E+00		
FZ8960RRLA	1.06E+02	3.01E+00	-8.16E+02	3.02E+00	0.00E+00	0.00E+00	9.45E+00	5.53E-06	1.77E+03	1.91E+02	4.62E+03	8.73E+03	3.44E+09	2.40E+09	8.54E+01	1.15E+01	6.25E+03	1.35E+01	2.51E+02	6.48E+02	3.84E+03	1.06E+00	1.62E+00	5.41E+00	6.78E+03	1.51E+00	6.43E+01	4.58E+01	3.89E+03	3.99E+00	3.81E+03	3.89E+03	1.14E+00	0.00E+00	0.00E+00	1.08E+00	
FZ8985RRLA	1.45E+02	4.14E+00	-3.23E+02	4.17E+00	0.00E+00	0.00E+00	1.28E+01	7.34E-06	2.43E+03	2.61E+02	6.49E+03	1.01E+02	4.84E+09	3.28E+09	8.73E+01	1.61E+01	8.79E+03	1.78E+01	3.45E+02	8.17E+02	5.98E+03	1.42E+00	2.15E+00	7.32E+00	9.22E+03	1.84E+00	7.38E+01	6.44E+01	5.98E+03	5.54E+00	5.58E+03	5.58E+03	1.38E+00	0.00E+00	0.00E+00	1.48E+00	
FZ8911RRLA	1.87E+02	5.35E+00	3.02E+02	5.38E+00	0.00E+00	0.00E+00	1.63E+01	9.16E-06	3.12E+03	3.36E+02	8.38E+03	1.14E+02	6.24E+09	4.21E+09	8.88E+01	2.07E+01	1.13E+02	2.30E+01	4.46E+02	9.87E+02	6.92E+03	1.75E+00	2.68E+00	9.47E+00	1.20E+02	2.17E+00	7.89E+01	8.31E+01	6.92E+03	7.14E+00	6.92E+03	6.92E+03	1.81E+00	0.00E+00	0.00E+00	1.92E+00	
FZ8913RRLA	2.28E+02	6.49E+00	3.73E+02	6.52E+00	0.00E+00	0.00E+00	1.97E+01	1.10E-05	3.77E+03	4.07E+02	1.03E+02	1.28E+02	7.83E+09	5.09E+09	9.21E+01	2.52E+01	1.39E+02	2.72E+01	5.41E+02	1.16E+03	8.49E+03	2.08E+00	3.22E+00	1.14E+01	1.40E+02	2.50E+00	8.27E+01	1.02E+00	8.49E+03	8.69E+00	8.49E+03	1.84E+00	0.00E+00	0.00E+00	2.33E+00		
FZ8916RRLA	2.88E+02	7.43E+00	4.43E+02	7.47E+00	0.00E+00	0.00E+00	2.31E+01	1.28E-05	4.44E+03	4.78E+02	1.21E+02	1.40E+02	9.03E+09	5.97E+09	9.21E+01	2.98E+01	1.64E+02	3.14E+01	6.36E+02	1.32E+03	9.98E+03	2.41E+00	3.75E+00	1.34E+01	1.70E+02	2.63E+00	8.69E+01	1.20E+00	9.98E+03	1.02E+04	9.98E+03	9.98E+03	2.07E+00	0.00E+00	0.00E+00	2.73E+00	
FZ912XE	3																																				

FP83TN2	3.44E-01	1.02E-02	3.45E-01	1.06E-02	4.08E-04	0.00E+00	5.79E-02	1.27E-04	6.10E-02	6.81E-01	1.23E-01	5.07E-01	5.07E-01	8.91E-07	3.85E-01	3.43E-00	2.87E-01	2.81E-01	1.02E-00	7.85E-00	3.31E-04	1.32E-02	4.34E-00	1.77E-00	2.36E-01	3.45E-03	3.20E-00	5.64E-01	3.32E-04	2.93E-02	3.32E-04	3.32E-04	5.98E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-01
FP84QT	4.14E-01	1.23E-02	4.26E-01	1.28E-02	4.88E-04	0.00E+00	6.72E-02	1.51E-04	7.38E-02	7.86E-01	2.61E-01	5.73E-01	6.23E-07	6.62E-07	3.99E-01	4.04E-00	3.34E-01	2.82E-01	1.21E-00	8.10E-00	4.17E-04	1.59E-02	5.44E-00	2.12E-00	2.84E-01	3.91E-03	2.23E-00	6.90E-01	4.77E-04	2.93E-02	4.76E-04	4.77E-04	7.22E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-01
FP84SN2	4.16E-01	1.28E-02	4.27E-01	1.32E-02	2.36E-04	0.00E+00	6.74E-02	1.96E-04	7.60E-02	8.11E-01	2.71E-01	1.74E-00	6.30E-07	6.78E-07	4.02E-01	3.61E-00	3.47E-01	2.89E-01	1.25E-00	9.34E-00	4.39E-04	2.06E-02	5.20E-00	2.16E-00	2.91E-01	4.14E-03	3.88E-00	7.08E-01	4.37E-04	4.86E-02	4.37E-04	4.37E-04	7.46E-01	0.00E+00	0.00E+00	0.00E+00	5.36E-01
FP92Q0S	2.75E-01	8.96E-01	2.99E-00	8.86E-01	2.36E-04	0.00E+00	4.95E-02	1.54E-04	5.05E-02	5.37E-01	1.83E-01	9.34E-01	4.41E-07	6.39E-07	3.16E-01	2.67E-00	2.47E-01	1.87E-01	7.88E-01	5.32E-00	2.27E-04	1.49E-02	2.63E-00	1.42E-00	3.16E-01	2.79E-03	3.31E-00	4.86E-01	2.29E-04	3.91E-02	2.28E-04	2.36E-04	6.23E-01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
FP92SN2	2.78E-01	8.88E-01	2.97E-00	8.86E-01	2.36E-04	0.00E+00	4.96E-02	1.54E-04	5.05E-02	5.43E-01	1.85E-01	1.07E-00	4.41E-07	6.39E-07	3.16E-01	2.51E-00	2.50E-01	1.87E-01	7.88E-01	5.32E-00	2.27E-04	1.49E-02	2.63E-00	1.42E-00	3.16E-01	2.79E-03	3.31E-00	4.86E-01	2.29E-04	3.91E-02	2.28E-04	2.36E-04	6.23E-01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
FP93Q0S	3.87E-01	1.13E-02	3.89E-01	1.17E-02	2.36E-04	0.00E+00	6.12E-02	1.83E-04	6.88E-02	7.13E-01	2.40E-01	1.38E-00	5.80E-07	6.52E-07	3.81E-01	3.17E-00	3.25E-01	2.48E-01	1.10E-00	7.62E-00	3.34E-04	1.85E-02	4.12E-00	1.89E-00	2.56E-01	3.81E-03	3.97E-00	6.27E-01	3.39E-04	5.00E-02	3.39E-04	3.39E-04	6.67E-01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
FP93SN2	3.76E-01	1.14E-02	3.78E-01	1.16E-02	2.36E-04	0.00E+00	6.14E-02	1.84E-04	6.74E-02	7.19E-01	2.42E-01	1.47E-00	5.81E-07	6.67E-07	3.81E-01	3.18E-00	3.27E-01	2.57E-01	1.11E-00	8.53E-00	3.34E-04	1.85E-02	4.12E-00	1.93E-00	2.59E-01	3.78E-03	4.17E-00	6.28E-01	3.39E-04	5.01E-02	3.39E-04	3.39E-04	6.69E-01	0.00E+00	0.00E+00	0.00E+00	4.77E-01
FP94Q0S	4.34E-01	1.39E-02	4.43E-01	1.44E-02	2.36E-04	0.00E+00	7.24E-02	2.15E-04	8.25E-02	8.79E-01	2.66E-01	1.79E-00	7.05E-07	1.05E-06	4.38E-01	3.81E-00	4.03E-01	3.20E-01	1.38E-00	9.20E-00	4.49E-04	2.20E-02	5.42E-00	2.34E-00	3.18E-01	4.37E-03	4.66E-00	7.93E-01	4.41E-04	5.99E-02	4.41E-04	4.42E-04	8.23E-01	0.00E+00	0.00E+00	0.00E+00	5.94E-01
FP94SN2	4.37E-01	1.40E-02	4.45E-01	1.45E-02	2.36E-04	0.00E+00	7.25E-02	2.15E-04	8.31E-02	8.86E-01	2.67E-01	1.87E-00	7.06E-07	1.07E-06	4.38E-01	3.82E-00	4.03E-01	3.20E-01	1.40E-00	1.01E-01	4.49E-04	2.20E-02	5.42E-00	2.36E-00	3.19E-01	4.38E-03	4.66E-00	7.93E-01	4.42E-04	5.99E-02	4.42E-04	4.43E-04	8.26E-01	0.00E+00	0.00E+00	0.00E+00	5.94E-01
FP95SN2	5.44E-01	1.88E-02	5.75E-01	1.72E-02	2.36E-04	0.00E+00	8.35E-02	2.45E-04	9.89E-02	1.05E-00	3.57E-01	2.20E-00	8.38E-07	1.27E-06	4.95E-01	4.44E-00	4.83E-01	3.51E-01	1.68E-00	1.18E-01	5.49E-04	2.24E-02	6.68E-00	2.81E-00	3.79E-01	5.22E-03	5.48E-00	9.45E-01	5.48E-04	6.99E-02	4.42E-04	4.43E-04	9.70E-01	0.00E+00	0.00E+00	0.00E+00	7.22E-01
FR22E1	8.37E-01	2.33E-02	2.76E-00	2.42E-02	1.13E-03	0.00E+00	5.07E-03	5.37E-04	1.43E-01	1.53E-00	4.83E-01	2.96E-01	1.14E-00	1.88E-00	6.55E-01	4.05E-00	6.53E-01	4.96E-00	2.74E-00	2.02E-01	6.09E-04	1.48E-02	2.97E-00	4.38E-00	5.46E-01	9.23E-03	1.95E-01	1.21E-02	6.11E-04	4.83E-04	6.11E-04	6.12E-04	1.40E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-02
FR22E2	8.32E-01	2.55E-02	2.75E-00	2.62E-02	1.14E-03	0.00E+00	5.20E-03	6.85E-04	1.54E-01	1.84E-00	5.08E-01	2.96E-01	1.24E-00	2.00E-00	7.14E-01	5.05E-00	6.88E-01	5.56E-00	2.96E-00	2.25E-01	6.18E-04	1.68E-02	3.07E-00	5.18E-00	6.31E-01	1.10E-02	2.05E-01	1.30E-02	6.18E-04	4.84E-04	6.18E-04	6.19E-04	1.51E-02	0.00E+00	0.00E+00	0.00E+00	1.27E-02
FR22G1	9.83E-01	3.73E-03	1.01E-01	2.83E-02	1.98E-03	0.00E+00	3.38E-03	6.29E-04	1.87E-01	1.77E-00	5.74E-01	3.13E-01	1.95E-00	2.12E-00	6.73E-01	6.61E-00	7.76E-01	6.16E-01	3.71E-00	2.68E-01	6.22E-00	1.80E-02	3.26E-00	5.61E-00	6.15E-01	1.33E-02	1.78E-01	1.08E-02	6.22E-04	5.10E-04	6.22E-04	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-02	
FR22H2	1.05E-00	3.91E-03	1.03E-01	3.11E-02	2.32E-03	0.00E+00	3.44E-03	6.42E-04	1.85E-01	1.89E-00	6.17E-01	2.64E-01	1.96E-00	2.18E-00	7.46E-01	7.84E-00	8.35E-01	3.74E-00	3.98E-00	3.21E-01	6.32E-00	3.72E-00	6.11E-00	6.93E-01	1.61E-02	2.42E-01	1.79E-01	1.03E-02	6.35E-04	4.35E-04	6.37E-04	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-02	
FR22S1	1.10E-00	2.47E-02	6.77E-00	2.54E-02	1.34E-03	0.00E+00	4.99E-03	5.25E-04	1.46E-01	1.56E-00	4.94E-01	2.42E-01	1.07E-00	1.81E-00	1.39E-02	4.88E-00	6.86E-01	4.96E-00	3.29E-00	2.32E-01	6.11E-04	2.45E-02	3.27E-00	5.03E-00	5.85E-01	1.14E-02	2.44E-01	1.22E-02	6.17E-04	4.07E-04	6.15E-04	6.14E-04	1.46E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-02
FR22S2	1.02E-01	2.61E-02	4.74E-00	2.68E-02	1.34E-03	0.00E+00	5.05E-03	5.49E-04	1.58E-01	1.88E-00	5.10E-01	2.42E-01	1.16E-00	1.91E-00	1.40E-02	4.88E-00	7.03E-01	5.54E-00	3.44E-00	2.37E-01	6.17E-04	2.45E-02	3.32E-00	5.26E-00	5.99E-01	1.16E-02	2.32E-01	1.31E-02	6.19E-04	4.08E-04	6.16E-04	6.16E-04	1.54E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-02
FR23E1	9.45E-01	3.02E-02	6.91E-00	3.11E-02	2.06E-03	0.00E+00	5.88E-03	7.75E-04	1.81E-01	1.93E-00	6.66E-01	2.93E-01	1.43E-00	2.33E-00	7.71E-01	7.88E-00	8.23E-01	6.41E-00	3.48E-00	2.72E-01	6.92E-04	1.98E-02	3.75E-00	6.03E-00	6.99E-01	1.33E-02	2.46E-01	1.53E-02	6.94E-04	4.89E-04	6.94E-04	6.97E-04	1.78E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-02
FR23E2	1.10E-00	3.15E-02	6.71E-00	3.26E-02	1.86E-03	0.00E+00	5.95E-03	6.55E-04	1.93E-01	2.02E-00	6.41E-01	2.93E-01	1.51E-00	2.43E-00	7.81E-01	5.81E-00	6.26E-01	5.86E-00	2.58E-01	6.89E-04	1.78E-02	6.34E-00	6.73E-00	7.23E-01	1.24E-02	1.94E-01	1.64E-02	7.01E-04	4.87E-04	7.01E-04	7.03E-04	1.83E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-02	
FR23G1	1.81E-00	3.43E-02	1.25E-01	3.55E-02	3.48E-03	0.00E+00	6.31E-03	8.96E-04	2.06E-01	2.21E-00	7.02E-01	3.28E-01	1.93E-00	2.62E-00	7.97E-01	1.13E-01	9.64E-01	6.67E-00	3.87E-00	3.72E-01	7.08E-04	2.47E-02	4.13E-00	6.87E-00	7.88E-01	1.87E-02	3.22E-01	2.08E-02	7.10E-04	5.39E-04	7.10E-04	7.13E-04	2.31E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-02
FR23G2	1.28E-00	3.61E-02	1.32E-01	3.74E-02	3.48E-03	0.00E+00	6.36E-03	9.15E-04	2.21E-01	2.34E-00	7.48E-01	3.26E-01	2.02E-00	2.75E-00	7.99E-01	1.18E-01	1.01E-00	1.76E-00	4.08E-00	3.76E-01	7.16E-04	2.49E-02	4.26E-00	7.20E-00	8.32E-01	1.86E-02	2.22E-01	2.18E-02	7.18E-04	5.35E-04	7.18E-04	7.21E-04	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-02
FR23H1	1.21E-00	3.48E-02	1.24E-01	3.61E-02	2.94E-03	0.00E+00	5.56E-03	7.36E-04	2.13E-01	2.28E-00	7.32E-01	2.96E-01	1.88E-00	2.54E-00	1.67E-02	9.88E-00	9.85E-01	6.70E-00	4.47E-00	3.52E-01	7.09E-04	3.27E-02	4.46E-00	7.01E-00	8.05E-01	1.85E-02	2.38E-01	2.01E-02	7.12E-04	4.78E-04	7.12E-04	7.14E-04	2.33E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-02
FR23H2	1.29E-00	3.73E-02	1.29E-01	3.81E-02	3.48E-03	0.00E+00	5.64E-03	8.04E-04	2.28E-01	2.42E-00	7.48E-01	3.26E-01	1.96E-00	2.70E-00	1.82E-02	9.88E-00	1.04E-01	6.70E-00	4.47E-00	3.52E-01	7.09E-04	3.27E-02	4.46E-00	7.01E-00	8.05E-01	1.85E-02	2.38E-01	2.01E-02	7.12E-04	4.78E-04	7.14E-04	7.14E-04	2.33E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-02
FR23S1	1.05E-00	3.05E-02	8.76E-00	3.14E-02	1.69E-03	0.00E+00	5.13E-03	6.18E-04	1.84E-01	1.95E-00	6.23E-01	2.43E-01	1.35E-00	2.24E-00	1.53E-02	6.10E-00	8.43E-01	8.45E-00	3.91E-00	2.56E-01	6.93E-04	2.64E-02	3.96E-00	6.09E-00	7.05E-01	1.28E-02	2.16E-01	1.54E-02	6.98E-04	4.14E-04	6.96E-04	6.97E-04	1.78E-02	0.00E+00	0.00E+00	0.00E+00	1.88E-02
FR23S2	1.11E-00	3.21E-02	8.47E-00	3.31E-02	1.69E-03	0.00E+00	5.28E-03	6.32E-04	1.94E-01	2.06E-00	6.59E-01	2.44E-01	1.45E-00	2.35E-00	1.53E-02	6.11E-00	8.67E-01	9.31E-00	4.09E-00	2.61E-01	7.03E-04	2.69E-02	4.02E-00	6.35E-00	7.20E-01	1.35E-02	2.28E-01	1.60E-02	7.03E-04	4.15E-04	7.03E-04	7.05E-04	1.87E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-02
FR24E1	1.30E-00	3.80E-02	1.14E-01	3.92E-02	2.26E-03	0.00E+00	5.98E-03	8.45E-04	2.27E-01	2.42E-00	7.59E-01	3.34E-01	1.84E-00	2.83E-00	6.13E-01	7.88E-00	1.03E-00	3.86E-00	4.24E-00	3.12E-01	1.18E-00	2.11E-02	4.64E-00	7.43E-00	8.67E-01	1.55E-02	2.53E-01	1.90E-02	1.19E-00	5.51E-04	1.18E-00	1.19E-00	2.18E-02	0.00E+00	0.00E+00	0.00E+00	1

Manufacturing A1 - A3	FWB41S	1.47E+01	4.18E+01	1.12E+02	4.29E+01	1.04E+04	0.00E+00	2.79E+03	1.53E+04	2.45E+02	2.85E+01	8.23E+02	1.54E+01	1.87E+01	6.00E+01	4.72E+01	1.91E+00	1.11E+01	1.13E+00	3.41E+01	4.27E+00	1.19E+04	9.07E+01	1.48E+00	7.88E+01	9.43E+02	1.60E+03	6.28E+00	1.96E+01	1.14E+04	1.53E+02	1.14E+04	1.15E+04	2.99E+01	0.00E+00	0.00E+00	3.53E+02	1.46E+01
	FWB42D1	9.93E+02	3.27E+01	1.47E+00	3.39E+01	1.14E+04	0.00E+00	1.13E+02	5.84E+05	1.94E+02	2.67E+01	8.26E+02	7.97E+01	2.03E+02	2.79E+01	2.51E+01	1.63E+00	8.48E+02	1.47E+00	2.48E+01	3.75E+00	2.09E+04	2.71E+01	2.47E+00	5.34E+02	7.40E+02	1.56E+03	2.81E+00	2.27E+01	2.09E+04	1.39E+02	2.06E+04	2.07E+04	2.55E+01	0.00E+00	0.00E+00	0.00E+00	1.07E+01
	FWB42K1	2.77E+01	6.37E+01	1.55E+00	6.53E+01	6.99E+04	0.00E+00	3.42E+03	2.15E+04	3.75E+02	4.04E+01	1.18E+01	1.22E+01	2.81E+02	8.70E+01	5.58E+00	3.67E+00	1.00E+01	2.76E+00	5.60E+01	4.72E+00	2.18E+04	1.38E+02	2.80E+00	1.15E+04	1.44E+01	2.80E+03	9.73E+00	2.02E+01	2.20E+04	2.40E+02	2.20E+04	2.20E+04	3.80E+01	0.00E+00	0.00E+00	3.32E+02	2.41E+01
	FWB42K5	1.97E+01	6.93E+01	1.96E+00	5.94E+01	6.99E+04	0.00E+00	2.73E+03	1.69E+04	3.30E+02	3.96E+01	1.16E+01	5.93E+00	2.74E+02	7.34E+01	4.08E+00	3.57E+00	1.07E+01	1.81E+00	4.37E+01	6.90E+01	2.17E+04	1.44E+02	2.72E+00	9.56E+02	1.28E+01	2.83E+03	8.74E+00	2.80E+01	2.18E+04	1.39E+02	2.18E+04	2.18E+04	3.68E+01	0.00E+00	0.00E+00	3.53E+02	1.86E+01
	FWB42M2	1.98E+01	6.11E+01	1.83E+00	6.27E+01	1.08E+04	0.00E+00	3.40E+03	2.15E+04	3.75E+02	4.04E+01	1.18E+01	1.00E+01	2.71E+02	8.14E+01	5.00E+00	2.21E+00	1.04E+01	1.84E+00	4.37E+01	6.34E+01	2.17E+04	1.44E+02	2.72E+00	9.56E+02	1.28E+01	2.83E+03	8.74E+00	2.80E+01	2.18E+04	1.39E+02	2.18E+04	2.18E+04	3.68E+01	0.00E+00	0.00E+00	3.53E+02	1.86E+01
	FWB42P2	1.87E+01	5.28E+01	1.59E+00	5.44E+01	1.84E+04	0.00E+00	1.81E+03	1.43E+04	3.05E+02	3.26E+01	1.05E+01	6.21E+00	2.80E+02	5.93E+01	3.85E+00	2.01E+00	1.42E+01	1.98E+00	3.95E+01	5.15E+00	2.19E+04	1.49E+02	2.65E+00	8.88E+02	1.17E+01	2.12E+03	6.10E+00	2.70E+01	2.16E+04	1.62E+02	2.16E+04	2.16E+04	3.31E+01	0.00E+00	0.00E+00	3.32E+02	1.78E+01
	FWB42S	2.17E+01	6.19E+01	1.62E+00	6.36E+01	1.08E+04	0.00E+00	3.06E+03	2.95E+04	3.60E+02	3.97E+01	1.22E+01	2.26E+01	2.81E+02	1.04E+04	7.58E+01	2.27E+00	1.84E+01	1.88E+00	4.56E+01	6.91E+00	2.19E+04	1.43E+02	2.81E+00	1.19E+04	1.39E+01	2.36E+03	7.98E+00	2.86E+01	2.20E+04	1.84E+02	2.26E+04	2.21E+04	3.85E+01	0.00E+00	0.00E+00	7.03E+02	1.95E+01
	FWB43S	3.47E+01	9.34E+01	2.19E+00	9.58E+01	2.05E+04	0.00E+00	7.44E+03	4.98E+04	5.52E+02	5.95E+01	1.81E+01	3.38E+01	3.95E+02	1.52E+06	9.26E+01	3.23E+00	2.45E+01	2.30E+00	7.26E+01	8.60E+00	2.19E+04	1.43E+02	4.22E+00	1.81E+04	2.19E+01	3.36E+03	1.20E+01	3.97E+01	3.47E+04	2.12E+02	3.27E+04	3.26E+04	5.18E+01	0.00E+00	0.00E+00	1.06E+01	3.12E+01
	FWB44S	4.11E+01	1.17E+02	2.25E+00	4.77E+01	2.25E+04	0.00E+00	9.77E+03	4.77E+04	6.42E+02	7.93E+01	2.55E+01	4.46E+01	4.87E+02	2.05E+06	1.34E+02	3.06E+00	2.86E+01	2.96E+00	9.26E+01	9.86E+00	4.32E+04	2.85E+02	4.22E+00	1.81E+04	2.19E+01	3.36E+03	1.20E+01	3.97E+01	3.47E+04	2.12E+02	3.27E+04	3.26E+04	5.18E+01	0.00E+00	0.00E+00	1.06E+01	3.12E+01
	FWB51D1	7.99E+02	2.80E+01	1.20E+00	1.72E+01	1.14E+04	0.00E+00	8.91E+01	5.68E+05	1.95E+02	1.66E+01	5.80E+02	4.88E+01	1.87E+02	2.08E+02	2.21E+01	1.24E+00	7.85E+02	6.15E+01	1.94E+01	3.31E+00	1.07E+04	8.43E+01	4.28E+02	1.92E+03	1.30E+03	1.27E+01	1.89E+01	1.08E+04	1.95E+02	4.38E+04	1.08E+04	2.17E+01	0.00E+00	0.00E+00	0.00E+00	8.33E+00	
	FWB51S	1.91E+01	4.49E+01	1.26E+00	4.63E+01	1.04E+04	0.00E+00	2.79E+03	1.87E+04	2.93E+02	2.79E+01	9.44E+02	1.14E+01	2.13E+02	4.43E+01	4.95E+00	1.87E+00	1.28E+01	8.53E+01	3.29E+01	4.97E+00	1.18E+04	1.03E+02	1.54E+00	8.99E+02	9.99E+02	1.78E+03	6.27E+00	2.28E+01	1.17E+04	1.97E+02	1.17E+04	1.17E+04	2.89E+01	0.00E+00	0.00E+00	3.32E+02	1.41E+01
	FWB51T1S	1.28E+01	3.65E+01	1.25E+00	3.78E+01	1.35E+04	0.00E+00	2.59E+03	1.97E+04	2.18E+02	2.32E+01	7.74E+02	1.14E+01	1.96E+02	5.70E+01	4.69E+00	1.49E+00	1.05E+01	7.54E+01	2.76E+01	4.05E+00	1.11E+04	9.77E+01	1.50E+00	8.88E+02	8.28E+02	1.53E+03	4.70E+00	2.09E+01	1.12E+04	1.97E+02	1.12E+04	1.13E+04	2.58E+01	0.00E+00	0.00E+00	3.32E+02	1.18E+01
	FWB52D1	1.06E+01	3.66E+01	1.73E+00	3.75E+01	1.14E+04	0.00E+00	1.23E+03	7.33E+05	2.15E+02	1.28E+01	7.62E+02	8.24E+01	2.36E+02	2.87E+01	2.68E+01	1.80E+00	1.07E+01	8.49E+01	2.77E+01	4.28E+00	2.07E+04	8.05E+01	2.33E+00	5.88E+02	8.16E+02	1.62E+03	2.48E+00	2.70E+01	2.07E+04	2.48E+02	2.07E+04	2.98E+01	0.00E+00	0.00E+00	0.00E+00	1.19E+01	
	FWB52K1	2.93E+01	7.95E+01	1.83E+00	8.13E+01	9.67E+04	0.00E+00	3.48E+03	2.15E+04	3.75E+02	4.04E+01	1.18E+01	1.18E+01	3.27E+02	9.99E+01	5.66E+00	4.48E+00	1.04E+01	2.85E+00	6.97E+01	7.76E+00	2.98E+04	1.86E+02	2.88E+00	1.39E+04	1.56E+01	3.16E+03	1.16E+01	3.97E+01	2.27E+04	1.38E+02	2.27E+04	2.28E+04	4.35E+01	0.00E+00	0.00E+00	3.32E+02	2.95E+01
	FWB52K5	2.22E+01	7.37E+01	1.83E+00	7.55E+01	9.67E+04	0.00E+00	2.79E+03	1.92E+04	4.12E+02	4.42E+01	1.44E+01	5.98E+00	3.26E+02	8.72E+01	4.93E+00	4.44E+00	1.95E+01	2.24E+00	5.55E+01	7.88E+00	2.29E+04	1.55E+02	2.81E+00	1.17E+04	1.60E+01	3.39E+03	3.35E+01	2.29E+04	3.17E+02	2.29E+04	2.27E+04	4.34E+01	0.00E+00	0.00E+00	3.32E+02	2.36E+01	
	FWB52M2	2.43E+01	7.87E+01	1.92E+00	7.87E+01	1.08E+04	0.00E+00	3.38E+03	2.59E+04	4.29E+02	4.62E+01	1.50E+01	1.27E+01	3.18E+02	9.75E+01	5.54E+00	2.42E+00	2.03E+01	2.27E+00	5.32E+01	7.00E+00	2.28E+04	1.66E+02	2.83E+00	1.28E+04	1.66E+01	3.06E+03	9.95E+00	3.47E+01	2.27E+04	2.42E+02	2.27E+04	2.28E+04	4.40E+01	0.00E+00	0.00E+00	7.03E+02	2.29E+01
	FWB52N	2.45E+01	8.18E+01	1.96E+00	8.37E+01	1.07E+04	0.00E+00	4.48E+03	2.23E+04	4.54E+02	4.91E+01	1.95E+01	5.12E+01	3.18E+02	7.84E+01	2.88E+00	2.23E+00	2.10E+01	2.34E+00	5.53E+01	7.18E+00	2.31E+04	1.60E+02	2.75E+00	1.28E+04	1.76E+01	3.21E+03	1.19E+01	3.45E+01	2.33E+04	2.41E+02	2.32E+04	2.32E+04	4.69E+01	0.00E+00	0.00E+00	2.21E+02	2.37E+01
	FWB52N3	2.46E+01	8.18E+01	1.96E+00	8.37E+01	1.07E+04	0.00E+00	4.48E+03	2.23E+04	4.54E+02	4.91E+01	1.95E+01	5.12E+01	3.22E+02	7.84E+01	2.88E+00	2.23E+00	2.10E+01	2.34E+00	5.53E+01	7.18E+00	2.31E+04	1.60E+02	2.75E+00	1.28E+04	1.76E+01	3.21E+03	1.19E+01	3.45E+01	2.33E+04	2.41E+02	2.32E+04	2.32E+04	4.69E+01	0.00E+00	0.00E+00	2.21E+02	2.37E+01
	FWB52P2	2.05E+01	6.69E+01	1.88E+00	6.87E+01	1.84E+04	0.00E+00	1.83E+03	1.81E+04	3.77E+02	4.04E+01	1.31E+01	6.25E+00	3.94E+02	7.84E+01	4.07E+00	2.11E+00	1.77E+01	2.15E+00	5.01E+01	5.87E+00	2.22E+04	1.33E+02	2.72E+00	1.08E+04	1.46E+01	2.35E+03	6.06E+00	3.27E+01	2.24E+04	2.47E+02	2.24E+04	2.24E+04	3.82E+01	0.00E+00	0.00E+00	3.32E+02	2.15E+01
	FWB53K1	5.95E+01	1.14E+02	2.42E+00	1.16E+02	9.97E+04	0.00E+00	8.06E+03	3.81E+04	8.65E+02	7.18E+01	1.98E+01	2.36E+01	4.45E+02	1.57E+06	8.89E+01	5.45E+00	2.68E+01	4.54E+00	1.03E+00	1.90E+01	3.39E+04	2.21E+02	4.36E+00	2.97E+04	2.57E+01	4.24E+03	1.58E+01	4.47E+01	3.39E+04	3.64E+02	3.39E+04	3.39E+04	6.00E+01	0.00E+00	0.00E+00	7.03E+02	4.45E+01
	FWB53N	3.83E+01	1.20E+02	2.58E+00	1.22E+02	1.70E+04	0.00E+00	1.04E+04	3.89E+04	8.66E+02	7.24E+01	2.14E+01	7.89E+01	4.95E+02	1.20E+06	3.46E+01	3.06E+00	2.89E+01	4.25E+00	8.16E+01	9.92E+00	3.48E+04	2.33E+02	4.10E+00	1.93E+04	2.97E+01	4.44E+03	2.17E+01	4.63E+01	3.48E+04	2.87E+02	3.48E+04	3.48E+04	6.80E+01	0.00E+00	0.00E+00	4.42E+02	3.51E+01
	FWB53N3	3.83E+01	1.20E+02	2.58E+00	1.22E+02	1.70E+04	0.00E+00	1.04E+04	3.89E+04	8.66E+02	7.24E+01	2.14E+01	7.89E+01	4.95E+02	1.20E+06	3.46E+01	3.06E+00	2.89E+01	4.25E+00	8.16E+01	9.92E+00	3.48E+04	2.33E+02	4.10E+00	1.93E+04	2.97E+01	4.44E+03	2.17E+01	4.63E+01	3.48E+04	2.87E+02	3.48E+04	3.48E+04	6.80E+01	0.00E+00	0.00E+00	4.42E+02	3.51E+01
	FWB53S	3.83E+01	1.20E+02	2.58E+00	1.22E+02	1.70E+04	0.00E+00	1.04E+04	3.89E+04	8.66E+02	7.24E+01	2.14E+01	7.89E+01	4.95E+02	1.20E+06	3.46E+01	3.06E+00	2.89E+01	4.25E+00	8.16E+01	9.92E+00	3.48E+04	2.33E+02	4.10E+00	1.93E+04	2.97E+01	4.44E+03	2.17E+01	4.63E+01	3.48E+04	2.87E+02	3.48E+04	3.48E+04	6.80E+01	0.00E+00	0.00E+00	1.06E+01	3.37E+01
	FWB54S	4.87E+01	1.40E+02	3.14E+00	1.48E+02	2.25E+04	0.00E+00	9.74E+03	5.17E+04	8.02E+02	8.63E+01	2.95E+01	4.59E+01	5.50E+02	2.24E+06	1.38E+02	3.97E+00	3.45E+01	3.96E+00	1.11E+00	1.94E+01	4.46E+04	2.79E+02	5.59E+00	2.96E+04	3.12E+01	4.24E+03	1.22E+01	5.03E+01	4.41E+04	3.39E+02	4.42E+04	4.50E+01	0.00E+00	0.00E+00	1.41E+01	4.79E+01	
	FWB61D	1.23E+01	4.02E+01	1.41E+00	4.16E+01	1.44E+04	0.00E+00	3.99E+02	7.26E+05	2.33E+02	2.50E+01	8.23E+02	5.26E+01	2.04E+02	3.16E+02	2.38E+01	1.44E+00	1.11E+01	1.20E+00	3.12E+01	4.16E+00	1.14E+04	8.67E+01	1.42E+00	6.49E+02	9.00E+02	1.78E+03	4.14E+00	2.32E+01	1.15E+04	2.49E+02	1.15E+04	1.15E+04	2.73E+01	0.00E+00	0.00E+00</		

FWU42K1	4.38E-01	1.03E-02	2.71E-01	1.06E-02	8.51E-04	0.00E+00	3.47E-03	2.49E-04	8.92E-02	7.31E-01	1.27E-01	1.15E-02	5.02E-07	9.37E-07	6.62E-07	3.18E-08	1.71E-01	4.99E-06	8.79E-01	2.05E-01	3.11E-03	1.13E-02	3.54E-08	4.39E-08	2.46E-01	5.99E-03	1.02E-01	4.40E-01	3.22E-03	2.81E-02	3.22E-03	3.37E-03	5.42E-01	0.00E+00	0.00E+00	3.53E-02	3.78E-01	
FWU42K2	4.13E-01	9.89E-01	2.71E-01	1.01E-02	8.51E-04	0.00E+00	3.42E-03	2.49E-04	8.94E-02	6.91E-01	1.25E-01	1.15E-02	5.09E-07	9.36E-07	6.61E-07	3.18E-08	1.70E-01	4.45E-06	7.89E-01	2.02E-01	2.99E-03	1.12E-02	3.55E-08	4.29E-08	2.32E-01	5.93E-03	9.63E-01	4.39E-01	3.16E-03	2.81E-02	3.15E-03	3.16E-03	5.35E-01	0.00E+00	0.00E+00	3.53E-02	3.35E-01	
FWU42K3	4.16E-01	1.07E-02	2.58E-01	1.16E-02	1.86E-03	0.00E+00	3.48E-03	2.70E-04	7.03E-02	7.54E-01	1.32E-01	1.19E-02	5.06E-07	9.56E-07	6.83E-07	6.01E-08	1.79E-01	4.90E-06	1.06E-02	2.33E-01	3.19E-03	1.36E-02	3.67E-08	4.47E-08	2.53E-01	7.08E-03	1.66E-01	4.46E-01	3.29E-03	2.81E-02	3.28E-03	3.36E-03	6.11E-01	0.00E+00	0.00E+00	3.53E-02	3.46E-01	
FWU42L	1.99E-01	4.93E-01	2.62E-01	5.29E-01	2.98E-04	0.00E+00	1.19E-02	8.42E-03	3.16E-02	6.79E-02	6.79E-02	2.60E-01	3.71E-07	2.96E-07	6.57E-07	1.23E-08	1.14E-02	3.76E-06	4.21E-01	4.86E-03	1.99E-03	6.35E-01	3.45E-07	8.53E-07	1.15E-01	2.56E-01	7.71E-01	4.05E-01	1.18E-03	2.27E-02	1.98E-03	3.46E-01	4.14E-01	0.00E+00	0.00E+00	3.50E-02	1.81E-01	
FWU42M2	4.29E-01	1.00E-02	2.76E-01	1.02E-02	3.38E-04	0.00E+00	3.49E-03	2.88E-04	6.53E-02	7.01E-01	1.30E-01	1.11E-02	4.72E-07	9.22E-07	6.79E-07	1.83E-08	1.74E-01	4.47E-06	7.46E-01	2.00E-01	3.08E-03	1.16E-02	3.56E-08	4.29E-08	2.36E-01	5.93E-03	1.00E-01	4.40E-01	3.16E-03	2.81E-02	3.15E-03	3.36E-03	5.42E-01	0.00E+00	0.00E+00	3.53E-02	3.81E-01	
FWU42S1	4.20E-01	9.89E-01	2.77E-01	1.03E-02	3.07E-04	0.00E+00	3.25E-03	2.62E-04	6.56E-02	7.02E-01	1.28E-01	1.09E-02	4.87E-07	9.62E-07	6.82E-07	1.68E-08	1.74E-01	4.49E-06	7.71E-01	1.95E-01	3.11E-03	1.19E-02	3.47E-08	4.29E-08	2.36E-01	5.93E-03	1.00E-01	4.40E-01	3.16E-03	2.81E-02	3.22E-03	3.28E-03	3.36E-03	5.19E-01	0.00E+00	0.00E+00	3.53E-02	3.34E-01
FWU43K	5.59E-01	1.23E-02	2.32E-01	1.26E-02	8.42E-04	0.00E+00	3.86E-03	3.26E-04	8.29E-02	8.82E-01	1.77E-01	1.36E-02	6.15E-07	1.04E-06	8.83E-07	3.38E-08	2.40E-01	3.52E-06	9.79E-01	2.71E-01	3.42E-03	1.59E-02	4.27E-08	5.31E-08	2.92E-01	6.96E-03	1.27E-01	5.37E-01	3.59E-03	3.49E-02	3.58E-03	3.86E-03	6.89E-01	0.00E+00	0.00E+00	3.53E-02	4.17E-01	
FWU43S	5.36E-01	1.29E-02	3.37E-01	1.31E-02	3.57E-04	0.00E+00	7.45E-03	4.41E-04	8.60E-02	9.21E-01	1.85E-01	1.52E-02	6.98E-07	1.47E-06	1.21E-06	2.25E-08	2.90E-01	3.99E-06	1.01E-02	2.69E-01	3.63E-03	1.71E-02	4.27E-08	5.39E-08	2.92E-01	6.96E-03	1.27E-01	5.37E-01	3.59E-03	3.49E-02	3.58E-03	3.86E-03	6.89E-01	0.00E+00	0.00E+00	3.53E-02	4.19E-01	
FWU51L	8.04E-03	2.92E-01	2.61E-02	6.18E-03	3.16E-04	0.00E+00	2.83E-03	2.09E-04	4.12E-02	4.38E-01	1.02E-01	1.01E-02	4.20E-07	6.31E-07	8.33E-07	1.59E-08	1.38E-01	9.39E-01	5.16E-01	1.53E-01	1.98E-03	8.48E-01	3.16E-08	3.39E-08	1.45E-01	4.99E-03	5.44E-01	4.10E-01	1.84E-03	2.54E-02	1.69E-03	4.69E-01	0.00E+00	0.00E+00	3.53E-02	2.22E-01		
FWU51S1	2.69E-01	5.84E-01	2.65E-02	6.16E-03	2.98E-04	0.00E+00	1.98E-03	1.79E-04	4.06E-02	4.32E-01	1.01E-01	9.54E-03	4.12E-07	6.36E-07	8.03E-07	1.48E-08	1.37E-01	9.26E-01	5.04E-01	1.51E-01	1.54E-03	8.36E-01	3.17E-08	3.33E-08	1.43E-01	4.99E-03	5.07E-01	4.09E-01	1.62E-03	2.53E-02	1.62E-03	1.97E-03	4.40E-01	0.00E+00	0.00E+00	3.53E-02	2.16E-01	
FWU52K	4.31E-01	1.00E-02	3.47E-01	1.04E-02	1.13E-03	0.00E+00	2.48E-03	2.51E-04	8.83E-02	7.26E-01	1.53E-01	1.16E-02	5.93E-07	8.84E-07	6.83E-07	4.94E-08	2.07E-01	2.72E-06	8.26E-01	2.45E-01	2.87E-03	1.32E-02	3.95E-08	4.63E-08	2.41E-01	6.99E-03	9.21E-01	5.58E-01	3.09E-03	3.81E-02	3.00E-03	3.06E-03	6.50E-01	0.00E+00	0.00E+00	3.53E-02	3.54E-01	
FWU52K1	4.72E-01	1.07E-02	3.48E-01	1.10E-02	1.16E-03	0.00E+00	3.31E-03	2.92E-04	7.31E-02	7.89E-01	1.55E-01	1.22E-02	6.02E-07	9.51E-07	7.14E-07	4.17E-08	2.09E-01	3.31E-06	8.65E-01	2.47E-01	2.97E-03	1.34E-02	4.02E-08	4.83E-08	2.45E-01	6.99E-03	9.21E-01	5.58E-01	3.09E-03	3.82E-02	3.08E-03	3.06E-03	6.12E-01	0.00E+00	0.00E+00	3.53E-02	3.46E-01	
FWU52K2	4.41E-01	1.01E-02	3.47E-01	1.05E-02	1.16E-03	0.00E+00	3.45E-03	2.78E-04	8.99E-02	7.34E-01	1.54E-01	1.22E-02	6.01E-07	9.17E-07	7.13E-07	4.17E-08	2.08E-01	2.73E-06	8.37E-01	2.47E-01	2.99E-03	1.36E-02	4.02E-08	4.99E-08	2.43E-01	6.97E-03	9.58E-01	5.60E-01	3.02E-03	3.82E-02	3.02E-03	3.06E-03	6.59E-01	0.00E+00	0.00E+00	3.53E-02	3.60E-01	
FWU52K3	4.41E-01	9.72E-01	3.35E-01	1.01E-02	1.79E-03	0.00E+00	3.59E-03	2.89E-04	6.79E-02	7.24E-01	1.47E-01	1.22E-02	5.99E-07	8.83E-07	8.29E-07	5.93E-08	1.99E-01	2.32E-06	9.65E-01	2.39E-01	2.42E-03	1.48E-02	4.10E-08	4.71E-08	2.37E-01	7.62E-03	1.48E-01	5.52E-01	2.97E-03	3.82E-02	2.97E-03	2.94E-03	7.09E-01	0.00E+00	0.00E+00	3.53E-02	4.16E-01	
FWU52L	1.24E-01	3.59E-01	3.24E-02	3.62E-01	2.98E-04	0.00E+00	1.23E-02	1.06E-04	2.42E-02	2.52E-01	7.00E-02	3.02E-01	4.24E-07	1.92E-07	4.12E-07	1.32E-08	1.07E-01	9.08E-01	3.57E-01	5.32E-01	5.99E-02	2.03E-01	4.10E-07	6.31E-07	8.60E-02	2.73E-03	3.26E-02	4.08E-01	1.07E-03	1.36E-02	1.07E-03	1.12E-03	1.46E-01	0.00E+00	0.00E+00	3.53E-02	1.54E-01	
FWU52M2	4.46E-01	1.03E-02	3.37E-01	1.07E-02	3.36E-04	0.00E+00	4.03E-03	3.19E-04	6.99E-02	7.42E-01	1.58E-01	1.23E-02	5.91E-07	9.32E-07	7.01E-07	2.01E-08	2.14E-01	2.75E-06	8.16E-01	2.34E-01	2.99E-03	1.45E-02	4.07E-08	4.72E-08	2.46E-01	6.81E-03	9.29E-01	5.64E-01	3.11E-03	3.33E-02	3.16E-03	3.17E-03	6.59E-01	0.00E+00	0.00E+00	3.53E-02	3.46E-01	
FWU52S	4.88E-01	1.04E-02	3.37E-01	1.08E-02	3.37E-04	0.00E+00	4.59E-03	3.47E-04	7.11E-02	7.58E-01	1.58E-01	1.33E-02	6.02E-07	1.13E-06	9.00E-07	2.06E-08	2.14E-01	2.75E-06	8.49E-01	2.34E-01	3.07E-03	1.36E-02	4.08E-08	4.83E-08	2.52E-01	6.17E-03	9.16E-01	5.71E-01	3.64E-03	3.21E-03	3.27E-03	3.27E-03	6.93E-01	0.00E+00	0.00E+00	3.53E-02	3.49E-01	
FWU52S1	4.49E-01	1.03E-02	3.39E-01	1.08E-02	3.07E-04	0.00E+00	3.28E-03	2.94E-04	6.99E-02	7.44E-01	1.56E-01	1.22E-02	5.87E-07	9.63E-07	6.83E-07	1.81E-08	2.11E-01	2.77E-06	8.24E-01	2.31E-01	3.03E-03	1.36E-02	3.95E-08	4.71E-08	2.47E-01	6.95E-03	6.44E-01	6.82E-01	3.11E-03	3.33E-02	3.16E-03	3.23E-03	3.28E-03	6.29E-01	0.00E+00	0.00E+00	3.53E-02	3.54E-01
FWU53D	3.95E-01	1.91E-02	4.12E-01	1.05E-02	2.96E-04	0.00E+00	4.30E-02	1.96E-04	8.02E-02	8.43E-01	1.72E-01	1.33E-02	5.73E-07	8.17E-07	5.18E-07	1.73E-08	2.33E-01	4.38E-06	8.54E-01	1.34E-01	3.69E-03	9.90E-01	4.52E-08	4.83E-08	2.33E-01	7.72E-03	5.34E-01	6.38E-01	3.79E-03	4.11E-02	3.76E-03	3.83E-03	6.91E-01	0.00E+00	0.00E+00	3.53E-02	3.87E-01	
FWU53K	6.38E-01	1.91E-02	4.14E-01	1.05E-02	1.19E-03	0.00E+00	3.91E-03	3.64E-04	1.01E-01	1.07E-01	2.15E-01	1.43E-02	7.46E-07	1.20E-06	7.49E-07	4.41E-08	2.91E-01	4.82E-06	1.18E-02	3.28E-01	4.49E-03	1.88E-02	4.79E-08	6.13E-08	3.97E-01	6.13E-03	1.24E-01	6.81E-01	4.67E-03	4.62E-02	4.87E-03	4.79E-03	6.59E-01	0.00E+00	0.00E+00	3.53E-02	5.03E-01	
FWU53L	1.96E-01	5.73E-01	2.74E-02	6.19E-03	2.96E-04	0.00E+00	1.98E-03	1.74E-04	3.76E-02	4.19E-01	1.02E-01	9.79E-03	4.94E-07	6.71E-07	8.49E-07	1.48E-08	1.34E-01	9.26E-01	5.04E-01	1.51E-01	1.54E-03	8.36E-01	3.17E-08	3.33E-08	1.43E-01	4.99E-03	5.07E-01	4.09E-01	1.62E-03	2.53E-02	1.62E-03	1.97E-03	4.40E-01	0.00E+00	0.00E+00	3.53E-02	2.16E-01	
FWU61L	9.81E-02	2.89E-01	2.92E-01	2.94E-01	2.96E-04	0.00E+00	1.08E-02	7.77E-05	1.91E-02	1.98E-01	6.69E-02	2.53E-01	3.82E-07	1.46E-07	4.95E-07	1.23E-08	9.06E-02	3.42E-01	3.03E-01	4.89E-02	7.09E-02	8.41E-01	3.56E-07	5.19E-07	6.88E-02	2.55E-03	2.88E-01	4.19E-01	7.83E-02	3.07E-02	7.62E-02	8.04E-02	4.18E-01	0.00E+00	0.00E+00	3.53E-02	1.39E-01	
FWU61S	3.17E-01	6.99E-01	2.89E-02	2.72E-01	3.16E-04	0.00E+00	2.28E-03	2.29E-04	4.84E-02	5.16E-01	1.17E-01	1.14E-02	4.81E-07	7.14E-07	6.65E-07	1.68E-08	1.56E-01	1.16E-06	6.16E-01	1.77E-01	1.83E-03	3.76E-01	3.65E-08	3.87E-08	1.71E-01	5.43E-03	5.81E-02	4.48E-01	1.33E-03	2.23E-02	1.92E-02	1.98E-03	3.59E-01	0.00E+00	0.00E+00	3.53E-02	2.64E-01	
FWU62K	5.08E-01	1.19E-02	3.37E-01	1.22E-02	1.41E-03	0.00E+00	2.51E-03	2.75E-04	8.02E-02	8.58E-01	1.77E-01	1.26E-02	6.11E-07	8.99E-07	6.33E-07	4.97E-08	2.39E-01	2.99E-06	9.80E-01	2.36E-01	3.33E-03	1.54E-02	4.43E-08	5.30E-08	2.83E-01	7.72E-03	1.24E-01	5.64E-01	3.49E-03	4.81E-02	3.48E-03	3.56E-03	6.88E-01	0.00E+00	0.00E+00	3.53E-02	4.21E-01	
FWU62K1	5.19E-01	1.20E-02	3.38E-01	1.23E-02	1.44E-03	0.00E+00	3.44E-03	3.02E-04	8.23E-02	8.89E-01	1.79E-01	1.33E-02	6.20E-07	1.02E-06	7.44E-07	5.10E-08	2.42E-01	3.72E-06	1.08E-02	2.92E-01	3.07E-03	1.59E-02	4.50E-08	5.49E-08	2.86E-01	7.73E-03	1.43E-01	5.69E-01	3.22E-03	4.82E-02	3.22E-03	3.39						

UC21ST0	1.87E-02	4.91E-00	3.80E-01	5.29E-00	0.00E+00	0.00E+00	1.85E-03	4.98E-02	3.35E-03	3.83E-02	6.83E-03	8.63E-02	5.37E-04	3.62E-08	5.99E-00	8.37E-02	1.30E-02	1.26E-01	2.64E-02	7.09E-01	2.19E-02	2.00E-01	6.34E-08	1.03E-01	1.14E-02	3.55E-04	1.61E-00	5.27E-08	2.33E-02	2.91E-05	2.35E-02	2.42E-08	6.87E-00	0.00E+00	0.00E+00	0.00E+00	1.13E-00
UC21TR2	2.05E-02	5.50E-00	3.37E-01	5.53E-00	0.00E+00	0.00E+00	1.86E-03	4.61E-08	3.88E-03	3.90E-02	8.80E-03	2.10E-01	5.33E-08	4.43E-08	5.99E-00	5.15E-02	1.19E-02	4.50E-01	5.70E-02	4.97E-08	1.48E-02	1.86E-01	6.55E-08	1.59E-01	1.20E-02	4.63E-04	1.89E-00	4.71E-08	1.65E-02	4.83E-05	1.65E-02	1.71E-08	6.80E-00	0.00E+00	0.00E+00	0.00E+00	2.45E-00
UC22BA	3.27E-02	3.12E-00	3.96E-01	3.52E-00	0.00E+00	0.00E+00	1.88E-03	5.94E-02	2.48E-03	2.61E-02	8.08E-03	7.02E-02	5.95E-08	2.04E-08	5.00E-00	6.00E-02	1.06E-02	8.40E-03	1.01E-02	4.02E-01	4.43E-01	8.00E-01	6.31E-08	7.11E-08	7.56E-03	1.90E-04	4.54E-01	5.80E-08	7.23E-01	5.84E-07	7.23E-01	7.02E-02	5.91E-00	0.00E+00	0.00E+00	0.00E+00	3.62E-01
UC22PEN	1.27E-02	6.53E-00	4.11E-01	6.94E-00	0.00E+00	0.00E+00	1.22E-04	1.83E-04	4.89E-03	5.24E-02	1.18E-02	1.26E-01	1.21E-07	1.05E-07	6.35E-00	9.10E-02	1.60E-02	1.37E-02	1.54E-02	6.81E-01	9.40E-01	4.93E-01	1.20E-07	1.39E-07	1.41E-02	2.25E-04	5.99E-00	5.81E-08	1.34E-02	3.70E-05	1.34E-02	3.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-01
UC22RK	2.34E-02	6.25E-00	4.64E-01	6.74E-00	0.00E+00	0.00E+00	1.45E-03	5.83E-08	4.19E-03	4.96E-02	1.73E-02	1.78E-02	6.79E-07	6.95E-08	6.10E-00	1.26E-01	1.80E-02	1.93E-02	1.18E-02	2.81E-02	6.10E-00	1.30E-07	6.19E-08	1.30E-07	1.41E-02	5.27E-04	1.81E-00	6.67E-08	3.00E-02	1.90E-05	1.37E-02	3.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-01
UC31LE3	3.54E-02	9.40E-00	6.42E-01	9.94E-00	0.00E+00	0.00E+00	1.87E-03	6.87E-08	6.33E-03	6.95E-02	2.08E-02	4.03E-01	8.24E-08	6.31E-08	6.69E-00	2.91E-01	2.81E-02	2.64E-01	9.98E-02	9.28E-08	1.97E-08	4.00E-01	1.56E-07	2.81E-07	2.22E-03	1.03E-03	5.64E-00	8.05E-08	1.97E-08	1.72E-02	3.07E-02	2.11E-02	1.97E-01	0.00E+00	0.00E+00	0.00E+00	4.11E-00
UC32RK	2.86E-02	7.45E-00	4.97E-01	8.18E-00	0.00E+00	0.00E+00	1.86E-03	7.90E-08	5.23E-03	5.52E-02	1.68E-02	1.50E-01	9.95E-08	4.45E-08	8.20E-00	1.66E-01	2.94E-02	1.94E-01	3.47E-02	1.46E-08	2.98E-02	3.90E-01	9.36E-08	1.97E-07	1.73E-03	6.93E-04	9.76E-01	9.97E-08	3.37E-02	3.02E-05	3.37E-02	3.48E-02	1.08E-01	0.00E+00	0.00E+00	0.00E+00	1.45E-00
UC34BA	3.97E-02	1.03E-01	6.69E-01	1.13E-01	0.00E+00	0.00E+00	1.89E-03	8.07E-08	8.20E-03	8.75E-02	2.66E-02	2.41E-01	1.41E-07	6.54E-08	7.62E-00	1.28E-00	3.97E-02	3.33E-02	8.69E-02	3.13E-08	1.13E-02	1.48E-02	3.66E-07	2.29E-07	2.89E-02	1.83E-02	2.90E-00	1.44E-01	2.08E-02	8.72E-02	2.20E-02	2.76E-02	1.73E-01	0.00E+00	0.00E+00	0.00E+00	2.84E-00
UC44BA	4.34E-02	1.93E-01	1.36E-01	1.36E-01	0.00E+00	0.00E+00	1.89E-03	8.12E-08	8.79E-03	9.73E-02	2.76E-02	1.71E-01	1.41E-07	6.54E-08	8.09E-00	1.41E-00	3.97E-02	3.33E-02	8.69E-02	3.72E-08	1.28E-02	1.48E-02	3.66E-07	2.29E-07	2.89E-02	1.83E-02	2.90E-00	1.44E-01	2.08E-02	8.72E-02	2.20E-02	2.76E-02	1.73E-01	0.00E+00	0.00E+00	0.00E+00	2.84E-00
UD01F1	1.15E-02	3.13E-00	1.77E-01	3.30E-00	0.00E+00	0.00E+00	1.18E-02	1.65E-08	2.02E-03	2.16E-02	6.07E-03	3.09E-02	2.41E-08	4.26E-08	5.00E-00	4.14E-02	8.21E-03	8.78E-02	2.21E-02	3.43E-01	1.19E-02	1.04E-01	2.92E-08	6.07E-08	7.13E-03	9.56E-05	5.02E-01	2.54E-00	1.28E-02	2.89E-00	1.41E-02	1.45E-02	4.88E-00	0.00E+00	0.00E+00	0.00E+00	8.47E-01
UD01F2	5.57E-02	8.93E-00	1.78E-01	6.02E-00	7.06E-08	0.00E+00	9.30E-02	1.80E-04	4.06E-03	4.44E-02	1.07E-02	2.76E-01	4.19E-08	8.86E-07	6.48E-01	5.11E-01	1.44E-02	1.47E-01	8.11E-02	7.65E-01	2.07E-02	1.21E-01	2.48E-07	3.48E-07	1.65E-03	3.16E-04	3.04E-00	3.47E-08	2.20E-02	3.10E-04	2.31E-02	2.26E-02	4.51E-00	0.00E+00	0.00E+00	0.00E+00	3.48E-00
UD02F1	1.43E-02	3.70E-00	3.07E-01	4.01E-00	0.00E+00	0.00E+00	1.22E-02	2.58E-02	2.56E-03	2.71E-02	8.08E-03	4.47E-02	4.05E-08	4.40E-08	6.02E-00	5.93E-02	1.09E-02	9.02E-02	2.43E-02	4.64E-01	1.24E-02	1.65E-01	4.14E-08	7.56E-08	8.74E-03	1.45E-04	3.69E-01	4.31E-03	1.41E-02	2.96E-00	1.41E-02	1.45E-02	4.88E-00	0.00E+00	0.00E+00	0.00E+00	1.04E-00
UD02F2	1.07E-01	7.62E-00	4.23E-01	6.04E-00	1.66E-07	0.00E+00	9.60E-02	3.54E-04	5.96E-02	6.69E-02	1.57E-02	6.05E-01	8.97E-08	1.19E-08	3.81E-01	1.62E-00	2.12E-02	1.79E-01	1.41E-01	1.07E-08	2.44E-02	1.62E-01	4.80E-07	6.51E-07	1.03E-02	4.04E-04	5.20E-00	7.98E-08	2.95E-02	8.74E-04	2.95E-02	1.71E-02	1.26E-01	0.00E+00	0.00E+00	0.00E+00	6.02E-00
UD11A1	1.65E-01	4.20E-00	2.67E-01	4.78E-00	0.00E+00	0.00E+00	3.96E-03	6.04E-02	3.98E-03	3.32E-02	7.34E-03	4.91E-02	5.13E-08	5.55E-08	6.01E-01	5.46E-02	9.94E-03	1.36E-01	2.36E-02	6.23E-01	1.71E-02	1.37E-01	6.30E-08	9.32E-08	1.20E-02	1.63E-04	1.34E-00	1.18E-02	1.64E-05	1.85E-02	1.90E-02	4.77E-00	0.00E+00	0.00E+00	0.00E+00	1.02E-00	
UD11B1	1.67E-02	4.81E-00	2.87E-01	4.88E-00	2.25E-02	0.00E+00	1.63E-03	3.30E-08	3.01E-03	3.24E-02	7.90E-03	3.91E-02	4.81E-08	5.37E-08	6.47E-00	1.07E-01	1.07E-02	1.79E-01	2.54E-02	6.80E-01	2.02E-02	9.86E-01	4.19E-08	9.94E-08	1.04E-02	2.20E-04	1.06E-00	3.02E-08	2.17E-02	1.18E-05	2.12E-02	2.17E-02	4.89E-00	0.00E+00	0.00E+00	4.06E-02	1.13E-00
UD11C1	2.27E-02	6.30E-00	2.88E-01	6.52E-00	0.00E+00	0.00E+00	3.07E-03	3.47E-02	3.99E-03	4.33E-02	9.50E-03	3.86E-01	4.84E-08	7.01E-08	6.01E-00	3.47E-02	1.29E-02	2.56E-01	4.30E-02	5.15E-01	2.84E-02	1.20E-01	5.87E-08	1.20E-07	1.40E-02	1.13E-04	1.20E-00	3.36E-08	2.99E-02	3.77E-05	2.96E-02	3.07E-02	4.55E-00	0.00E+00	0.00E+00	0.00E+00	1.85E-00
UD11F1	9.03E-03	2.37E-00	1.71E-01	2.54E-00	0.00E+00	0.00E+00	1.67E-03	3.22E-08	1.66E-03	1.81E-02	4.69E-03	3.19E-02	3.12E-08	2.84E-08	6.97E-00	3.16E-02	5.53E-03	1.47E-02	1.11E-02	3.18E-01	6.95E-01	1.02E-01	3.26E-08	5.19E-08	5.45E-03	8.00E-05	7.24E-01	2.54E-00	7.94E-02	1.56E-05	7.96E-01	6.27E-02	3.07E-00	0.00E+00	0.00E+00	0.00E+00	4.76E-01
UD12A1	6.14E-02	6.30E-00	4.16E-01	6.14E-00	0.00E+00	0.00E+00	2.43E-03	5.81E-08	4.62E-03	4.12E-02	1.10E-02	6.33E-02	8.20E-08	5.14E-08	6.01E-01	7.96E-02	1.80E-02	1.74E-01	1.10E-01	1.78E-02	1.04E-01	1.20E-01	1.38E-08	1.21E-07	1.34E-02	4.00E-05	1.00E-00	7.14E-08	2.64E-02	2.60E-05	2.60E-02	8.27E-02	8.14E-00	0.00E+00	0.00E+00	0.00E+00	3.39E-00
UD12B1	2.21E-02	6.17E-00	2.96E-01	6.47E-00	2.25E-03	0.00E+00	1.63E-03	4.25E-08	3.91E-03	4.21E-02	1.08E-02	4.98E-02	5.81E-08	6.09E-08	6.11E-00	1.36E-01	1.47E-02	2.08E-01	3.43E-02	9.35E-01	2.77E-02	1.65E-01	5.36E-08	1.19E-07	1.37E-03	3.98E-04	1.19E-00	4.40E-08	2.93E-02	2.25E-05	2.93E-02	2.96E-02	5.60E-00	0.00E+00	0.00E+00	4.06E-02	1.47E-00
UD12B2	2.27E-02	6.40E-00	3.06E-01	6.71E-00	2.35E-03	0.00E+00	1.63E-03	4.46E-08	4.94E-03	4.34E-02	1.12E-02	5.26E-02	5.86E-08	6.14E-08	6.13E-00	1.46E-01	1.51E-02	2.08E-01	3.48E-02	9.73E-01	2.79E-02	1.90E-01	5.72E-08	1.23E-07	1.41E-03	3.71E-04	1.23E-00	4.60E-08	2.98E-02	2.24E-05	2.98E-02	3.94E-02	5.82E-00	0.00E+00	0.00E+00	4.06E-02	1.45E-00
UD12BA	4.66E-02	6.98E-00	4.13E-01	9.36E-00	4.10E-03	0.00E+00	2.83E-01	4.18E-08	5.78E-03	6.26E-02	1.61E-02	1.15E-01	6.02E-08	2.91E-07	3.20E-01	3.95E-01	2.18E-02	3.70E-01	9.27E-02	1.43E-00	1.93E-02	2.22E-01	1.85E-07	2.69E-07	2.23E-02	6.21E-04	2.29E-00	6.53E-02	4.15E-02	1.48E-02	4.19E-02	6.77E-00	0.00E+00	0.00E+00	7.08E-02	3.98E-00	
UD12F1	1.30E-02	3.96E-00	3.86E-01	3.96E-00	0.00E+00	0.00E+00	1.63E-03	6.15E-08	5.96E-03	7.75E-02	6.80E-03	5.36E-02	5.81E-08	4.13E-08	6.10E-01	1.17E-01	1.77E-02	3.14E-01	4.51E-02	1.29E-08	3.92E-02	2.50E-01	1.98E-07	1.98E-07	1.79E-02	8.62E-04	5.81E-00	4.07E-02	4.53E-05	4.07E-02	4.14E-02	7.47E-00	0.00E+00	0.00E+00	0.00E+00	1.94E-00	
UD13A1	2.90E-02	7.98E-00	4.42E-01	8.41E-00	0.00E+00	0.00E+00	2.47E-03	6.32E-08	5.14E-03	5.51E-02	1.31E-02	6.83E-02	6.74E-08	6.91E-08	6.02E-01	1.17E-01	1.77E-02	3.14E-01	4.51E-02	1.29E-08	3.92E-02	2.50E-01	1.98E-07	1.98E-07	1.79E-02	8.62E-04	5.81E-00	4.07E-02	4.53E-05	4.07E-02	4.14E-02	7.47E-00	0.00E+00	0.00E+00	0.00E+00	1.94E-00	
UD13B1	3.23E-02	9.37E-00	4.00E-01	9.71E-00	3.63E-03	0.00E+00	3.07E-03	7.18E-08	5.70E-03	6.21E-02	1.60E-02	7.33E-02	8.20E-08	8.80E-08	6.29E-00	2.20E-01	2.03E-02	3.93E-01	5.11E-02	1.38E-08	4.40E-02	9.02E-01	8.23E-08	1.76E-07	2.04E-02	6.29E-04	1.59E-00	6.08E-08	4.61E-02	4.18E-05	4.68E-02	4.74E-02	7.50E-00	0.00E+00	0.00E+00	6.27E-02	2.16E-00
UD13B2	3.94E-02	8.65E-00	3.98E-01	9.01E-00	2.25E-03	0.00E+00	1.84E-03	5.20E-08	5.35E-03	5.74E-02	1.34E-02	6.44E-02	7.37E-08	7.81E-08	6.22E-00	1.77E-01	1.81E-02	3.91E-01	4.95E-02	1.37E-08	4.31E-02	3.18E-01	6.81E-08	1.64E-07	1.91E-02	5.95E-04	1.30E-00	5.50E-08	4.53E-02	4.18E-05	4.53E-02	4.60E-02	7.28E-00	0.00E+00	0.00E+00	4.06E-02	2.14E-00
UD13C1																																					

UN09A	1.86E-02	7.07E-01	6.71E-02	7.13E-01	0.00E+00	0.00E+00	1.00E+03	1.73E-05	3.45E-03	3.72E-02	1.49E-02	1.54E-02	1.74E-04	1.72E-07	6.94E-01	1.97E-03	2.02E-02	5.93E-02	4.79E-02	1.56E-01	3.67E-02	1.78E+00	6.65E-08	9.57E-08	1.40E-03	2.88E-05	4.14E-01	1.48E+00	3.68E-02	1.27E-05	3.68E-02	3.70E-02	1.90E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+00
UN10A	2.36E-02	8.73E-01	6.83E-02	8.76E-01	0.00E+00	0.00E+00	1.00E+03	1.81E-05	4.27E-03	4.41E-02	1.64E-02	1.80E-02	1.98E-04	2.07E-07	6.96E-01	2.17E-03	2.21E-02	2.23E-02	6.98E-02	1.73E-01	4.09E-02	1.82E+00	6.97E-08	1.19E-07	1.74E-03	3.21E-05	4.26E-01	1.68E+00	4.73E-02	1.51E-05	4.70E-02	4.72E-02	2.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E+00
UN11A	2.96E-02	9.51E-01	7.28E-02	9.58E-01	0.00E+00	0.00E+00	1.00E+03	1.86E-05	4.84E-03	5.00E-02	1.81E-02	1.87E-02	2.00E-04	2.26E-07	7.01E-01	2.26E-03	2.40E-02	2.27E-02	6.62E-02	1.90E-01	5.10E-02	1.87E+00	7.52E-08	1.39E-07	1.86E-03	3.42E-05	4.64E-01	1.80E+00	5.12E-02	1.66E-05	5.12E-02	5.14E-02	2.30E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E+00
UN12A	2.53E-02	8.41E-01	7.78E-02	8.48E-01	0.00E+00	0.00E+00	1.00E+03	1.88E-05	4.57E-03	4.93E-02	1.94E-02	1.93E-02	2.09E-04	2.26E-07	7.06E-01	2.33E-03	2.16E-02	1.10E-01	6.48E-02	2.00E-01	4.97E-02	1.91E+00	7.68E-08	1.27E-07	1.87E-03	3.36E-05	5.11E-01	1.96E+00	4.99E-02	1.66E-05	4.99E-02	4.97E-02	2.47E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E+00
UN13A	2.05E-02	7.96E-01	7.98E-02	1.07E-01	0.00E+00	0.00E+00	1.00E+03	1.98E-05	5.20E-03	5.20E-02	2.06E-02	2.06E-02	2.28E-04	2.66E-07	7.15E-01	2.59E-03	3.02E-02	1.62E-01	7.27E-02	2.31E-01	5.97E-02	2.01E+00	8.68E-08	1.42E-07	2.10E-03	4.00E-05	5.86E-01	2.32E+00	5.96E-02	1.96E-05	5.96E-02	5.91E-02	2.97E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E+00
UN31TN	6.70E-02	1.11E-01	7.98E-01	1.14E-01	0.00E+00	0.00E+00	5.55E-02	2.38E-05	9.25E-03	9.80E-02	8.69E-03	2.67E-01	6.11E-04	1.20E-07	9.41E-01	3.10E-02	1.18E-02	2.28E-01	8.22E-02	4.92E-01	1.60E-02	1.45E+00	8.22E-07	9.22E-07	2.95E-03	7.55E-04	2.08E-01	4.08E+00	1.62E-02	3.88E-04	1.62E-02	1.68E-02	4.29E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E+00
UN41B1	2.99E-02	8.23E-01	4.28E-01	8.66E-01	5.69E-04	0.00E+00	3.57E-03	8.26E-05	5.27E-03	5.53E-02	1.78E-02	3.76E-01	8.97E-04	4.54E-07	1.51E-01	1.61E-01	2.38E-02	1.20E-01	5.47E-02	2.96E-01	3.90E-02	2.71E-01	1.37E-07	1.80E-07	1.94E-03	1.01E-03	2.87E-01	7.32E+00	3.34E-03	4.77E-05	3.34E-03	3.44E-03	1.02E-01	0.00E+00	0.00E+00	2.34E-02	2.35E+00	
UN41U	4.09E-02	8.32E-01	5.92E-01	8.91E-01	5.64E-04	0.00E+00	2.88E-03	7.01E-05	6.85E-03	7.29E-02	1.96E-02	8.26E-01	1.05E-07	2.29E-07	1.51E-01	1.81E-01	2.17E-02	2.29E-01	7.00E-02	2.17E-01	2.67E-02	2.51E-01	2.70E-07	3.33E-07	2.20E-03	9.97E-04	3.36E-01	9.29E+00	3.20E-03	1.11E-04	2.32E-02	3.95E-02	1.26E-01	0.00E+00	0.00E+00	1.92E-02	3.00E+00	
UN51TN	1.29E-01	2.17E-01	0.97E-01	8.91E-01	0.00E+00	0.00E+00	4.58E-05	1.71E-02	1.82E-01	1.91E-02	7.76E-01	1.10E-07	3.96E-07	6.81E-01	6.00E+00	1.64E+00	2.56E-02	4.45E-01	1.79E-02	2.22E+00	4.84E-02	4.36E-01	1.77E-07	2.52E-07	2.77E-03	8.05E-04	2.43E-01	1.18E+01	5.27E-02	9.29E-05	5.27E-02	5.41E-02	1.42E-01	0.00E+00	0.00E+00	3.32E-02	3.48E+00	
UN61B3	4.42E-02	1.23E-01	7.44E-01	1.30E-01	5.95E-04	0.00E+00	3.70E-03	1.05E-04	7.91E-03	8.29E-02	2.69E-02	3.95E-01	1.28E-07	2.99E-07	1.56E-01	1.64E-01	3.84E-02	1.91E-01	7.99E-02	2.22E+00	4.84E-02	4.36E-01	1.77E-07	2.52E-07	2.77E-03	8.05E-04	2.43E-01	1.18E+01	5.27E-02	9.29E-05	5.27E-02	5.41E-02	1.42E-01	0.00E+00	0.00E+00	3.32E-02	3.48E+00	
UN61U3	5.42E-02	1.18E-01	7.94E-01	1.26E-01	5.93E-04	0.00E+00	3.70E-03	8.79E-05	9.65E-03	1.02E-01	2.33E-02	3.96E-01	1.27E-07	3.09E-07	1.55E-01	1.63E-01	3.15E-02	1.94E-01	1.03E-01	2.36E-01	4.29E-02	4.12E-01	1.84E-07	3.33E-07	3.25E-03	1.01E-03	2.18E-01	1.20E-01	4.69E-03	5.65E-06	4.68E-02	4.36E-02	1.43E-01	0.00E+00	0.00E+00	3.18E-02	4.42E+00	
UN71B3	4.49E-02	1.27E-01	6.79E-01	1.34E-01	5.95E-04	0.00E+00	3.70E-03	1.04E-04	7.95E-03	8.41E-02	2.81E-02	3.95E-01	1.26E-07	3.11E-07	1.55E-01	1.64E-01	3.81E-02	1.44E-01	8.22E-02	2.19E-01	5.03E-02	4.36E-01	1.79E-07	2.53E-07	2.83E-03	8.64E-04	2.66E-01	1.10E-01	5.44E-02	5.39E-05	5.44E-02	1.36E-01	0.00E+00	0.00E+00	3.32E-02	3.53E+00		
UN71B4	4.49E-02	1.27E-01	6.77E-01	1.34E-01	5.95E-04	0.00E+00	3.82E-03	1.19E-04	8.30E-03	8.73E-02	2.93E-02	3.95E-01	1.22E-07	3.47E-07	1.53E-01	1.67E-01	3.86E-02	1.54E-01	8.93E-02	2.19E-01	5.39E-02	4.31E-01	1.91E-07	2.76E-07	2.96E-03	9.26E-04	2.63E-01	1.11E-01	5.79E-03	1.28E-05	5.78E-02	5.93E-02	1.37E-01	0.00E+00	0.00E+00	3.32E-02	3.82E+00	
UN81B3	4.98E-02	1.14E-01	7.36E-01	1.51E-01	8.23E-04	0.00E+00	3.71E-03	1.47E-04	8.92E-03	9.36E-02	3.12E-02	3.95E-01	1.32E-07	3.37E-07	1.58E-01	1.78E-01	4.29E-02	2.01E-01	9.25E-02	2.81E-01	5.98E-02	4.97E-01	2.01E-07	2.89E-07	3.16E-03	1.26E-03	1.98E-01	1.23E-01	6.18E-02	5.59E-05	6.18E-02	6.34E-02	1.97E-01	0.00E+00	0.00E+00	3.32E-02	3.97E+00	
UN81B4	5.01E-02	1.39E-01	7.94E-01	1.42E-01	5.95E-04	0.00E+00	3.83E-03	1.17E-04	8.91E-03	9.04E-02	3.14E-02	3.95E-01	1.33E-07	3.60E-07	1.63E-01	1.87E-01	4.25E-02	1.68E-01	9.21E-02	2.21E-01	5.97E-02	4.32E-01	1.97E-07	2.83E-07	3.07E-03	9.79E-04	2.42E-01	1.22E-01	6.09E-02	7.39E-05	6.09E-02	6.15E-02	1.47E-01	0.00E+00	0.00E+00	3.32E-02	3.95E+00	
US31A3R1	9.05E-03	2.22E-01	2.78E-01	2.56E-01	0.00E+00	0.00E+00	8.20E-03	3.25E-05	1.69E-03	1.76E-02	5.79E-03	4.48E-02	3.47E-04	4.95E-09	5.77E-01	6.76E-02	7.84E-03	8.74E-03	7.55E-03	3.33E-01	2.99E-01	2.27E-01	3.96E-08	4.34E-08	5.29E-03	1.48E-04	-7.32E-02	3.00E-02	5.27E-01	1.34E-07	5.27E-01	5.64E-01	3.72E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-01
UT12PN	7.86E-03	1.19E-01	-1.33E-01	2.11E-01	0.00E+00	0.00E+00	6.77E-03	3.23E-05	1.38E-03	1.54E-02	4.86E-03	8.74E-02	1.60E-04	1.39E-09	4.55E-01	1.76E-02	5.97E-03	6.82E-02	2.42E-02	2.20E-01	6.39E-01	2.31E-01	1.77E-08	6.62E-08	4.82E-03	1.68E-04	6.41E-01	2.82E-02	6.41E-01	3.80E-02	4.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01	
UW31V	3.91E-02	7.79E-01	-3.49E-01	8.18E-01	2.04E-05	0.00E+00	3.17E-03	8.28E-05	5.36E-03	5.10E-02	9.49E-02	6.47E-04	2.91E-07	1.50E-01	1.82E-01	2.10E-02	1.61E-01	6.01E-02	8.96E-01	3.90E-02	1.86E-02	1.36E+00	2.17E-07	1.81E-07	2.19E-03	1.68E-04	3.60E-01	8.66E-01	5.40E-03	3.33E-05	2.62E-05	3.33E-03	6.90E-03	0.00E+00	0.00E+00	3.32E-02	3.38E+00	
UW41U	9.81E-02	1.50E-01	-4.42E-01	1.55E-01	2.04E-05	0.00E+00	2.51E-03	9.95E-05	1.27E-02	1.34E-01	1.65E-02	1.12E-01	1.03E-07	2.70E-07	3.27E-01	2.18E-01	2.24E-02	1.62E-01	1.03E-01	5.25E-01	2.92E-02	2.74E-01	1.40E-07	5.12E-07	3.99E-03	3.22E-04	6.12E-01	6.73E+00	3.09E-02	1.43E-04	3.09E-02	3.17E-02	7.34E+00	0.00E+00	0.00E+00	3.32E-02	4.44E+00	
UW51U	1.18E-01	1.88E-01	-5.45E-01	1.94E-01	2.04E-05	0.00E+00	2.51E-03	1.06E-04	1.59E-02	1.68E-01	2.01E-02	1.15E-01	1.26E-07	2.78E-07	3.21E-01	2.32E-01	2.79E-02	1.32E-01	1.28E-01	6.74E-01	3.44E-02	3.23E-01	1.56E-07	6.39E-07	4.99E-03	3.68E-04	4.33E-01	8.35E+00	3.78E-03	1.50E-04	3.78E-02	3.97E-02	8.78E+00	0.00E+00	0.00E+00	3.32E-02	5.41E+00	
UW51UA	1.98E-01	1.80E-01	-6.62E-01	1.86E-01	2.04E-05	0.00E+00	1.51E-03	8.04E-05	1.33E-02	1.62E-01	1.92E-02	5.36E-01	1.18E-07	1.62E-07	1.92E-01	1.82E-01	2.90E-02	1.23E-01	1.13E-01	6.37E-01	3.29E-02	3.11E-01	1.06E-07	5.83E-07	4.73E-03	3.22E-04	1.16E-01	8.25E+00	3.99E-02	1.84E-05	3.99E-02	3.56E-02	8.37E+00	0.00E+00	0.00E+00	3.32E-02	4.87E+00	
UW51V	5.04E-02	1.05E-01	-5.99E-01	1.15E-01	2.04E-05	0.00E+00	3.17E-03	1.06E-04	1.59E-02	1.73E-02	2.12E-02	1.12E-01	9.34E-04	8.94E-07	1.40E-01	2.53E-01	2.60E-02	1.42E-01	8.21E-02	1.06E-01	4.94E-02	3.79E-01	2.77E-07	2.77E-07	3.19E-03	1.69E-04	3.94E-01	8.50E-01	4.80E-02	1.40E-05	4.80E-02	4.80E-02	9.30E+00	0.00E+00	0.00E+00	3.32E-02	3.97E+00	
UW61U	1.38E-01	2.23E-01	-6.67E-01	2.29E-01	2.04E-05	0.00E+00	2.52E-03	1.18E-04	1.88E-02	1.98E-01	2.33E-02	1.12E-01	1.35E-07	2.81E-07	3.22E-01	2.53E-01	3.15E-02	1.65E-01	1.46E-01	7.94E-01	4.09E-02	3.97E-01	1.61E-07	7.24E-07	5.98E-03	3.98E-04	5.97E-01	6.88E+00	4.48E-02	1.55E-04	4.48E-02	4.59E-02	9.23E+00	0.00E+00	0.00E+00	3.32E-02	6.28E+00	
UW61UA	1.27E-01	2.15E-01	-6.73E-01	2.21E-01	2.04E-05	0.00E+00	1.52E-03	9.07E-05	1.81E-02	1.91E-01	2.23E-02	5.48E-01	1.27E-07	1.67E-07	1.92E-01	2.03E-01	3.02E-02	1.50E-01	1.33E-01	7.77E-01	3.98E-02	3.89E-01	1.17E-07	6.81E-07	5.62E-03	3.52E-04	2.39E-01	6.97E-01	4.24E-02	8.99E-05	4.24E-02	4.33E-02	8.80E+00	0.00E+00	0.00E+00	3.32E-02	4.72E+00	
UW61V	5.97E-02	1.22E-01	-6.74E-01	1.27E-01	2.04E-05	0.00E+00	2.51E-03	1.16E-04	7.77E-03	8.24E-02	2.62E-02	1.13E-01	9.64E-04	8.89E-07	2.93E-01	2.53E-01	3.55E-02	1.88E-01	9.16E-02	1.16E-01	5.18E-02	3.97E-01	1.86E-07	3.94E-07	2.86E-03	4.00E-04	5.76E-01	8.99E-01										

FP23TN2	5.16E-03	8.14E-03	0.00E+00	8.14E-03	0.00E+00	0.00E+00	5.34E-03	3.06E-04	2.42E-02	2.65E-01	0.00E+00	0.00E+00	1.43E-10	2.77E-09	1.99E-02	0.00E+00	0.00E+00	0.00E+00	7.21E-04	2.88E-01	1.14E-02	0.00E+00	1.25E-08	4.30E-01	6.70E-02	2.04E-04	1.53E-01	0.00E+00	1.14E-02	3.21E-07	1.14E-02	1.14E-02	1.32E-01	0.00E+00	0.00E+00	0.00E+00	3.10E-02
FP2451N	3.87E-02	6.11E-03	0.00E+00	6.11E-03	0.00E+00	0.00E+00	4.01E-03	2.25E-08	1.80E-02	1.69E-01	0.00E+00	0.00E+00	1.07E-10	2.08E-09	1.49E-02	0.00E+00	0.00E+00	0.00E+00	5.41E-04	2.15E-01	6.93E-01	0.00E+00	9.36E-09	3.15E-07	5.02E-02	1.53E-04	1.14E-01	0.00E+00	6.93E-01	2.41E-07	6.93E-01	6.94E-01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.32E-02
FP2452N	5.98E-03	9.44E-03	0.00E+00	9.44E-03	0.00E+00	0.00E+00	6.19E-03	3.54E-04	2.81E-02	3.08E-01	0.00E+00	0.00E+00	1.86E-10	3.21E-09	2.30E-02	0.00E+00	0.00E+00	0.00E+00	8.36E-04	3.32E-01	1.32E-02	0.00E+00	1.45E-08	4.97E-07	7.76E-02	2.36E-04	1.76E-01	0.00E+00	1.32E-02	3.72E-07	1.32E-02	1.32E-02	1.76E-01	0.00E+00	0.00E+00	0.00E+00	3.96E-02
FP24TN2	6.14E-02	9.88E-03	0.00E+00	9.88E-03	0.00E+00	0.00E+00	6.75E-03	3.64E-08	2.88E-02	3.16E-01	0.00E+00	0.00E+00	1.79E-10	3.30E-09	2.36E-02	0.00E+00	0.00E+00	0.00E+00	8.57E-04	3.40E-01	1.39E-02	0.00E+00	1.45E-08	4.99E-07	7.97E-02	2.42E-04	1.81E-01	0.00E+00	1.39E-02	3.82E-07	1.39E-02	1.39E-02	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
FP25TN2	8.68E-01	1.09E-01	0.00E+00	1.09E-01	0.00E+00	0.00E+00	6.19E-03	4.08E-08	3.23E-02	3.54E-01	0.00E+00	0.00E+00	1.91E-10	3.70E-09	2.65E-02	0.00E+00	0.00E+00	0.00E+00	9.30E-04	3.62E-01	1.39E-02	0.00E+00	1.45E-08	5.00E-07	8.30E-02	2.72E-04	2.02E-01	0.00E+00	1.39E-02	4.28E-07	1.39E-02	1.39E-02	2.02E-01	0.00E+00	0.00E+00	0.00E+00	4.13E-02
FP42Q7	1.28E-02	2.01E-03	0.00E+00	2.01E-03	0.00E+00	0.00E+00	1.32E-03	7.56E-07	5.99E-03	6.57E-02	0.00E+00	0.00E+00	3.34E-11	6.86E-10	4.91E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04	7.08E-02	2.81E-01	0.00E+00	3.00E-09	1.04E-07	1.66E-02	5.94E-05	3.75E-02	0.00E+00	2.81E-01	7.94E-08	2.81E-01	2.82E-01	3.75E-02	0.00E+00	0.00E+00	0.00E+00	7.86E-03
FP62Q5	1.82E-03	2.89E-03	0.00E+00	2.89E-03	0.00E+00	0.00E+00	1.88E-03	1.06E-08	8.51E-03	9.33E-02	0.00E+00	0.00E+00	5.94E-11	9.74E-10	6.98E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04	1.01E-01	4.00E-01	0.00E+00	4.34E-09	1.48E-07	2.35E-02	7.17E-05	5.34E-02	0.00E+00	4.00E-01	1.13E-07	4.00E-01	4.00E-01	5.34E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03
FP63Q5	2.41E-02	3.80E-03	0.00E+00	3.80E-03	0.00E+00	0.00E+00	2.49E-03	1.43E-08	1.13E-02	1.24E-01	0.00E+00	0.00E+00	6.89E-11	1.29E-09	9.28E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04	1.34E-01	6.91E-01	0.00E+00	5.46E-09	1.90E-07	3.13E-02	9.52E-05	7.09E-02	0.00E+00	6.91E-01	1.50E-07	6.91E-01	6.92E-01	7.09E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
FP64Q5	3.00E-02	4.73E-03	0.00E+00	4.73E-03	0.00E+00	0.00E+00	3.10E-03	1.78E-08	1.41E-02	1.54E-01	0.00E+00	0.00E+00	8.33E-11	1.61E-09	1.15E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-04	1.66E-01	8.91E-01	0.00E+00	7.26E-09	2.44E-07	4.19E-02	1.18E-04	8.82E-02	0.00E+00	8.91E-01	1.97E-07	8.91E-01	8.92E-01	8.82E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
FP72Q5	2.09E-02	3.23E-03	0.00E+00	3.23E-03	0.00E+00	0.00E+00	2.12E-03	1.21E-08	9.81E-03	1.05E-01	0.00E+00	0.00E+00	5.89E-11	1.10E-09	7.88E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04	1.14E-01	4.51E-01	0.00E+00	4.96E-09	1.67E-07	2.86E-02	8.09E-05	6.02E-02	0.00E+00	4.51E-01	1.27E-07	4.51E-01	4.52E-01	6.02E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-03
FP72SN2	2.11E-03	3.32E-03	0.00E+00	3.32E-03	0.00E+00	0.00E+00	2.18E-03	1.25E-08	9.88E-03	1.06E-01	0.00E+00	0.00E+00	5.89E-11	1.13E-09	8.03E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04	1.17E-01	4.64E-01	0.00E+00	5.10E-09	1.71E-07	2.73E-02	8.32E-05	6.19E-02	0.00E+00	4.64E-01	1.31E-07	4.64E-01	4.65E-01	6.19E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
FP73SN2	2.72E-03	4.29E-03	0.00E+00	4.29E-03	0.00E+00	0.00E+00	2.82E-03	1.61E-08	1.28E-02	1.40E-01	0.00E+00	0.00E+00	7.56E-11	1.48E-09	1.05E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-04	1.51E-01	6.00E-01	0.00E+00	6.56E-09	2.21E-07	3.33E-02	1.07E-04	8.00E-02	0.00E+00	6.00E-01	1.69E-07	6.00E-01	6.01E-01	8.00E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
FP74Q5	3.38E-03	5.32E-03	0.00E+00	5.32E-03	0.00E+00	0.00E+00	3.49E-03	2.05E-08	1.58E-02	1.74E-01	0.00E+00	0.00E+00	9.37E-11	1.81E-09	1.26E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-04	1.87E-01	7.44E-01	0.00E+00	8.17E-09	2.73E-07	4.38E-02	1.33E-04	9.92E-02	0.00E+00	7.44E-01	2.10E-07	7.44E-01	7.45E-01	9.92E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-03
FP74Q7	3.28E-03	5.19E-03	0.00E+00	5.19E-03	0.00E+00	0.00E+00	3.40E-03	1.95E-08	1.54E-02	1.69E-01	0.00E+00	0.00E+00	9.11E-11	1.76E-09	1.25E-02	0.00E+00	0.00E+00	0.00E+00	4.59E-04	1.82E-01	7.24E-01	0.00E+00	7.95E-09	2.67E-07	4.26E-02	1.30E-04	9.89E-02	0.00E+00	7.24E-01	2.04E-07	7.24E-01	7.25E-01	9.89E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
FP82Q5	2.29E-02	3.81E-03	0.00E+00	3.81E-03	0.00E+00	0.00E+00	2.37E-03	1.30E-08	1.07E-02	1.18E-01	0.00E+00	0.00E+00	6.39E-11	1.23E-09	8.82E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04	1.27E-01	5.09E-01	0.00E+00	5.55E-09	1.89E-07	2.97E-02	9.05E-05	6.74E-02	0.00E+00	5.09E-01	1.42E-07	5.09E-01	5.09E-01	6.74E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
FP82SN2	2.33E-03	3.85E-03	0.00E+00	3.85E-03	0.00E+00	0.00E+00	2.40E-03	1.37E-08	1.09E-02	1.19E-01	0.00E+00	0.00E+00	6.43E-11	1.24E-09	8.91E-03	0.00E+00	0.00E+00	0.00E+00	3.29E-04	1.28E-01	5.18E-01	0.00E+00	5.61E-09	1.89E-07	3.00E-02	9.14E-05	6.81E-02	0.00E+00	5.18E-01	1.44E-07	5.18E-01	5.19E-01	6.81E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
FP83Q7	2.50E-02	4.81E-03	0.00E+00	4.81E-03	0.00E+00	0.00E+00	3.02E-03	1.73E-08	1.37E-02	1.55E-01	0.00E+00	0.00E+00	8.10E-11	1.57E-09	1.12E-02	0.00E+00	0.00E+00	0.00E+00	4.98E-04	1.62E-01	6.73E-01	0.00E+00	7.07E-09	2.38E-07	3.79E-02	1.15E-04	8.96E-02	0.00E+00	6.73E-01	1.82E-07	6.73E-01	6.74E-01	8.96E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-03
FP83SN2	3.01E-02	4.73E-03	0.00E+00	4.73E-03	0.00E+00	0.00E+00	3.02E-03	1.78E-08	1.41E-02	1.62E-01	0.00E+00	0.00E+00	8.30E-11	1.62E-09	1.16E-02	0.00E+00	0.00E+00	0.00E+00	5.12E-04	1.67E-01	6.84E-01	0.00E+00	7.20E-09	2.45E-07	3.91E-02	1.20E-04	9.28E-02	0.00E+00	6.84E-01	1.87E-07	6.84E-01	6.84E-01	9.28E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
FP83TN2	2.96E-02	4.69E-03	0.00E+00	4.69E-03	0.00E+00	0.00E+00	3.08E-03	1.75E-08	1.39E-02	1.62E-01	0.00E+00	0.00E+00	8.20E-11	1.59E-09	1.14E-02	0.00E+00	0.00E+00	0.00E+00	4.73E-04	1.64E-01	6.51E-01	0.00E+00	7.16E-09	2.40E-07	3.83E-02	1.17E-04	8.89E-02	0.00E+00	6.51E-01	1.84E-07	6.51E-01	6.52E-01	8.89E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
FP84Q7	3.85E-02	5.73E-03	0.00E+00	5.73E-03	0.00E+00	0.00E+00	3.77E-03	2.16E-08	1.71E-02	1.88E-01	0.00E+00	0.00E+00	1.01E-10	1.99E-09	1.40E-02	0.00E+00	0.00E+00	0.00E+00	5.09E-04	2.02E-01	8.04E-01	0.00E+00	8.83E-09	2.97E-07	4.73E-02	1.44E-04	1.07E-01	0.00E+00	8.04E-01	2.27E-07	8.04E-01	8.05E-01	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.19E-03
FP84SN2	3.78E-02	5.69E-03	0.00E+00	5.69E-03	0.00E+00	0.00E+00	3.71E-03	2.24E-08	1.77E-02	1.94E-01	0.00E+00	0.00E+00	1.05E-10	2.03E-09	1.43E-02	0.00E+00	0.00E+00	0.00E+00	5.26E-04	2.09E-01	8.32E-01	0.00E+00	9.15E-09	3.07E-07	4.90E-02	1.48E-04	1.11E-01	0.00E+00	8.32E-01	2.35E-07	8.32E-01	8.34E-01	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-03
FP92Q5	2.85E-02	4.02E-03	0.00E+00	4.02E-03	0.00E+00	0.00E+00	3.49E-03	1.51E-08	1.19E-02	1.31E-01	0.00E+00	0.00E+00	7.07E-11	1.37E-09	9.49E-03	0.00E+00	0.00E+00	0.00E+00	3.94E-04	1.41E-01	5.91E-01	0.00E+00	5.34E-09	1.79E-07	2.97E-02	9.37E-05	7.44E-02	0.00E+00	5.91E-01	1.58E-07	5.91E-01	5.92E-01	7.44E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
FP92SN2	2.54E-02	4.00E-03	0.00E+00	4.00E-03	0.00E+00	0.00E+00	2.62E-03	1.50E-08	1.19E-02	1.30E-01	0.00E+00	0.00E+00	7.04E-11	1.36E-09	9.78E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04	1.41E-01	5.99E-01	0.00E+00	6.14E-09	2.09E-07	3.29E-02	1.05E-04	7.49E-02	0.00E+00	5.99E-01	1.58E-07	5.99E-01	5.92E-01	7.49E-02	0.00E+00	0.00E+00	0.00E+00	1.52E-03
FP93Q5	3.34E-02	5.29E-03	0.00E+00	5.29E-03	0.00E+00	0.00E+00	3.43E-03	1.99E-08	1.56E-02	1.72E-01	0.00E+00	0.00E+00	9.20E-11	1.79E-09	1.28E-02	0.00E+00	0.00E+00	0.00E+00	4.68E-04	1.85E-01	7.33E-01	0.00E+00	8.06E-09	2.71E-07	4.33E-02	1.32E-04	9.81E-02	0.00E+00	7.33E-01	2.07E-07	7.33E-01	7.34E-01	9.81E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
FP93SN2	3.20E-02	5.19E-03	0.00E+00	5.19E-03	0.00E+00	0.00E+00	3.40E-03	1.95E-08	1.54E-02	1.69E-01	0.00E+00	0.00E+00	9.13E-11	1.77E-09	1.27E-02	0.00E+00	0.00E+00	0.00E+00	4.59E-04	1.82E-01	7.29E-01	0.00E+00	7.97E-09	2.68E-07	4.27E-02	1.30E-04	9.87E-02	0.00E+00	7.29E-01	2.05E-07	7.29E-01	7.30E-01	9.87E-02	0			

FW324FT	1.82E-02	2.87E+00	0.00E+00	2.87E+00	0.00E+00	0.00E+00	1.89E+00	1.08E-06	8.54E-03	9.37E-02	0.00E+00	0.00E+00	5.06E-11	8.79E+00	7.01E-03	0.00E+00	0.00E+00	2.54E-04	1.01E-01	4.02E+01	0.00E+00	4.41E+09	1.48E-07	2.36E-02	7.20E-05	9.36E-02	0.00E+00	4.02E+01	1.13E-07	4.02E+01	4.62E+01	5.36E-02	0.00E+00	0.00E+00	1.00E+00	1.00E+00
FW324WT	1.86E-02	2.93E+00	0.00E+00	2.93E+00	0.00E+00	0.00E+00	1.92E+00	1.10E-06	8.70E-03	9.54E-02	0.00E+00	0.00E+00	5.15E-11	8.96E+00	7.14E-03	0.00E+00	0.00E+00	2.59E-04	1.03E-01	4.09E+01	0.00E+00	4.46E+09	1.51E-07	2.41E-02	7.33E-05	9.46E-02	0.00E+00	4.09E+01	1.15E-07	4.09E+01	4.66E+01	5.46E-02	0.00E+00	0.00E+00	1.11E+02	
FW424FT	2.33E-02	3.87E+00	0.00E+00	3.87E+00	0.00E+00	0.00E+00	2.41E+00	1.38E-06	1.09E-02	1.20E-01	0.00E+00	0.00E+00	6.46E-11	1.25E+00	8.69E-03	0.00E+00	0.00E+00	3.25E-04	1.29E-01	5.19E+01	0.00E+00	5.63E+09	1.99E-07	3.10E-02	9.16E-05	6.84E-02	0.00E+00	5.19E+01	1.45E-07	5.19E+01	5.19E+01	8.84E-02	0.00E+00	0.00E+00	1.40E+02	
FW424WT	2.39E-02	3.97E+00	0.00E+00	3.97E+00	0.00E+00	0.00E+00	2.47E+00	1.41E-06	1.12E-02	1.23E-01	0.00E+00	0.00E+00	6.59E-11	1.28E+00	8.82E-03	0.00E+00	0.00E+00	3.32E-04	1.32E-01	5.27E+01	0.00E+00	5.78E+09	1.94E-07	3.15E-02	9.37E-05	7.02E-02	0.00E+00	5.27E+01	1.48E-07	5.27E+01	5.27E+01	9.02E-02	0.00E+00	0.00E+00	1.45E+02	
FW436WT	2.96E-02	4.69E+00	0.00E+00	4.69E+00	0.00E+00	0.00E+00	3.07E+00	1.78E-06	1.39E-02	1.51E-01	0.00E+00	0.00E+00	8.23E-11	1.60E+00	1.14E-02	0.00E+00	0.00E+00	4.00E-04	1.60E-01	6.59E+01	0.00E+00	7.15E+09	2.42E-07	3.85E-02	1.17E-04	8.74E-02	0.00E+00	6.59E+01	1.85E-07	6.59E+01	6.59E+01	1.24E-01	0.00E+00	0.00E+00	1.78E+02	
FW524FT	2.86E-02	4.19E+00	0.00E+00	4.19E+00	0.00E+00	0.00E+00	2.75E+00	1.58E-06	1.25E-02	1.37E-01	0.00E+00	0.00E+00	7.38E-11	1.43E+00	1.02E-02	0.00E+00	0.00E+00	3.71E-04	1.47E-01	5.89E+01	0.00E+00	6.44E+09	2.16E-07	3.45E-02	1.05E-04	8.22E-02	0.00E+00	5.89E+01	1.65E-07	5.89E+01	5.89E+01	7.62E-02	0.00E+00	0.00E+00	1.56E+02	
FW524WT	2.97E-02	4.49E+00	0.00E+00	4.49E+00	0.00E+00	0.00E+00	3.07E+00	1.76E-06	1.39E-02	1.53E-01	0.00E+00	0.00E+00	8.23E-11	1.59E+00	1.14E-02	0.00E+00	0.00E+00	4.14E-04	1.64E-01	6.94E+01	0.00E+00	7.18E+09	2.47E-07	3.85E-02	1.17E-04	8.72E-02	0.00E+00	6.94E+01	1.84E-07	6.94E+01	6.94E+01	1.25E-01	0.00E+00	0.00E+00	1.78E+02	
FW536FT	3.18E-02	5.02E+00	0.00E+00	5.02E+00	0.00E+00	0.00E+00	3.39E+00	1.89E-06	1.49E-02	1.64E-01	0.00E+00	0.00E+00	8.84E-11	1.71E+00	1.22E-02	0.00E+00	0.00E+00	4.45E-04	1.77E-01	7.61E+01	0.00E+00	7.71E+09	2.59E-07	4.13E-02	1.26E-04	9.36E-02	0.00E+00	7.61E+01	1.98E-07	7.61E+01	7.61E+01	1.32E-01	0.00E+00	0.00E+00	1.91E+02	
FW624FT	2.96E-02	4.87E+00	0.00E+00	4.87E+00	0.00E+00	0.00E+00	3.39E+00	1.89E-06	1.49E-02	1.64E-01	0.00E+00	0.00E+00	8.84E-11	1.71E+00	1.22E-02	0.00E+00	0.00E+00	4.45E-04	1.77E-01	7.61E+01	0.00E+00	7.71E+09	2.59E-07	4.13E-02	1.26E-04	9.36E-02	0.00E+00	7.61E+01	1.98E-07	7.61E+01	7.61E+01	1.32E-01	0.00E+00	0.00E+00	1.91E+02	
FW624WT	3.19E-02	5.04E+00	0.00E+00	5.04E+00	0.00E+00	0.00E+00	3.39E+00	1.89E-06	1.49E-02	1.64E-01	0.00E+00	0.00E+00	8.84E-11	1.71E+00	1.22E-02	0.00E+00	0.00E+00	4.45E-04	1.77E-01	7.61E+01	0.00E+00	7.71E+09	2.59E-07	4.13E-02	1.26E-04	9.36E-02	0.00E+00	7.61E+01	1.98E-07	7.61E+01	7.61E+01	1.32E-01	0.00E+00	0.00E+00	1.91E+02	
FW636FT	4.08E-02	6.44E+00	0.00E+00	6.44E+00	0.00E+00	0.00E+00	4.22E+00	2.42E-06	1.91E-02	2.10E-01	0.00E+00	0.00E+00	1.13E-10	2.19E+00	1.57E-02	0.00E+00	0.00E+00	5.70E-04	2.28E-01	8.99E+01	0.00E+00	9.88E+09	3.32E-07	5.30E-02	1.61E-04	1.29E-01	0.00E+00	8.99E+01	2.54E-07	8.99E+01	8.99E+01	1.20E-01	0.00E+00	0.00E+00	2.45E+02	
FWB31D1	8.61E-03	9.05E-01	0.00E+00	9.05E-01	0.00E+00	0.00E+00	5.94E-01	3.42E-07	2.69E-03	2.95E-02	0.00E+00	0.00E+00	1.59E-11	3.08E+00	2.21E-03	0.00E+00	0.00E+00	8.01E-05	3.18E-02	1.29E+01	0.00E+00	1.36E+09	4.67E-08	7.45E-03	2.27E-05	1.69E-02	0.00E+00	1.29E+01	3.57E-08	1.29E+01	1.29E+01	1.69E-02	0.00E+00	0.00E+00	3.44E-03	
FWB31S	9.04E-03	1.29E+00	0.00E+00	1.29E+00	0.00E+00	0.00E+00	8.28E-01	4.74E-07	3.75E-03	4.12E-02	0.00E+00	0.00E+00	2.22E-11	4.35E+00	3.08E-03	0.00E+00	0.00E+00	1.12E-04	4.44E-02	1.78E+01	0.00E+00	1.94E+09	6.51E-08	1.04E-02	3.18E-05	2.33E-02	0.00E+00	1.78E+01	4.88E-08	1.78E+01	1.78E+01	2.33E-02	0.00E+00	0.00E+00	4.85E-03	
FWB32D1	7.95E-03	1.19E+00	0.00E+00	1.19E+00	0.00E+00	0.00E+00	7.82E-01	4.48E-07	3.54E-03	3.89E-02	0.00E+00	0.00E+00	2.10E-11	4.06E+00	2.91E-03	0.00E+00	0.00E+00	1.06E-04	4.16E-02	1.66E+01	0.00E+00	1.83E+09	6.19E-08	9.80E-03	2.92E-05	2.22E-02	0.00E+00	1.66E+01	4.70E-08	1.66E+01	1.66E+01	2.22E-02	0.00E+00	0.00E+00	4.53E-03	
FWB32M2	1.35E-02	2.14E+00	0.00E+00	2.14E+00	0.00E+00	0.00E+00	1.44E+00	8.02E-07	6.35E-03	6.97E-02	0.00E+00	0.00E+00	3.79E-11	7.27E+00	5.21E-03	0.00E+00	0.00E+00	1.89E-04	7.91E-02	2.99E+01	0.00E+00	3.26E+09	1.15E-07	1.79E-02	5.59E-05	3.98E-02	0.00E+00	2.99E+01	8.42E-08	2.99E+01	2.99E+01	3.98E-02	0.00E+00	0.00E+00	8.12E-03	
FWB32S	1.23E-02	1.98E+00	0.00E+00	1.98E+00	0.00E+00	0.00E+00	1.30E+00	7.43E-07	5.88E-03	6.45E-02	0.00E+00	0.00E+00	3.48E-11	6.73E+00	4.82E-03	0.00E+00	0.00E+00	1.75E-04	6.95E-02	2.78E+01	0.00E+00	3.04E+09	1.02E-07	1.63E-02	4.94E-05	3.65E-02	0.00E+00	2.78E+01	7.80E-08	2.78E+01	2.78E+01	3.65E-02	0.00E+00	0.00E+00	7.52E-03	
FWB34S	2.35E-02	3.66E+00	0.00E+00	3.66E+00	0.00E+00	0.00E+00	2.49E+00	1.37E-06	1.09E-02	1.19E-01	0.00E+00	0.00E+00	6.44E-11	1.25E+00	8.72E-03	0.00E+00	0.00E+00	3.24E-04	1.29E-01	5.19E+01	0.00E+00	5.67E+09	1.93E-07	3.01E-02	9.16E-05	6.82E-02	0.00E+00	5.19E+01	1.44E-07	5.19E+01	5.19E+01	9.16E-05	0.00E+00	0.00E+00	1.39E+02	
FWB41D1	7.05E-03	1.32E+00	0.00E+00	1.32E+00	0.00E+00	0.00E+00	8.71E-01	4.21E-07	3.33E-03	3.65E-02	0.00E+00	0.00E+00	1.97E-11	3.81E+00	2.82E-03	0.00E+00	0.00E+00	9.34E-05	3.94E-02	1.59E+01	0.00E+00	1.75E+09	5.78E-08	1.27E-02	3.80E-05	2.06E-02	0.00E+00	1.59E+01	4.41E-08	1.59E+01	1.59E+01	2.06E-02	0.00E+00	0.00E+00	4.26E+02	
FWB41S	1.08E-02	1.79E+00	0.00E+00	1.79E+00	0.00E+00	0.00E+00	1.11E+00	6.38E-07	5.05E-03	5.54E-02	0.00E+00	0.00E+00	2.99E-11	5.79E+00	4.14E-03	0.00E+00	0.00E+00	1.50E-04	5.97E-02	2.37E+01	0.00E+00	2.61E+09	8.79E-08	1.45E-02	4.25E-05	3.17E-02	0.00E+00	2.37E+01	6.70E-08	2.37E+01	2.37E+01	3.17E-02	0.00E+00	0.00E+00	6.44E-03	
FWB42D1	8.29E-03	1.31E+00	0.00E+00	1.31E+00	0.00E+00	0.00E+00	8.58E-01	4.31E-07	3.39E-03	3.70E-02	0.00E+00	0.00E+00	2.30E-11	4.45E+00	3.19E-03	0.00E+00	0.00E+00	1.18E-04	4.69E-02	1.83E+01	0.00E+00	2.01E+09	6.74E-08	1.08E-02	3.27E-05	2.44E-02	0.00E+00	1.83E+01	5.15E-08	1.83E+01	1.83E+01	2.44E-02	0.00E+00	0.00E+00	4.97E-03	
FWB42K1	1.70E-02	2.51E+00	0.00E+00	2.51E+00	0.00E+00	0.00E+00	1.65E+00	9.43E-07	7.46E-03	8.19E-02	0.00E+00	0.00E+00	4.42E-11	8.55E+00	6.12E-03	0.00E+00	0.00E+00	2.22E-04	8.83E-02	3.51E+01	0.00E+00	3.85E+09	1.32E-07	2.07E-02	6.29E-05	4.68E-02	0.00E+00	3.51E+01	9.90E-08	3.51E+01	3.51E+01	4.68E-02	0.00E+00	0.00E+00	9.55E-03	
FWB42K5	1.96E-02	2.92E+00	0.00E+00	2.92E+00	0.00E+00	0.00E+00	1.89E+00	9.48E-07	7.50E-03	8.23E-02	0.00E+00	0.00E+00	4.42E-11	8.55E+00	6.12E-03	0.00E+00	0.00E+00	2.22E-04	8.83E-02	3.51E+01	0.00E+00	3.85E+09	1.32E-07	2.07E-02	6.29E-05	4.68E-02	0.00E+00	3.51E+01	9.90E-08	3.51E+01	3.51E+01	4.68E-02	0.00E+00	0.00E+00	9.55E-03	
FWB42M2	1.98E-02	2.81E+00	0.00E+00	2.81E+00	0.00E+00	0.00E+00	1.71E+00	9.81E-07	7.77E-03	8.52E-02	0.00E+00	0.00E+00	4.60E-11	8.89E+00	6.37E-03	0.00E+00	0.00E+00	2.31E-04	9.18E-02	3.69E+01	0.00E+00	4.01E+09	1.33E-07	2.15E-02	6.54E-05	4.87E-02	0.00E+00	3.69E+01	1.03E-07	3.69E+01	3.69E+01	4.87E-02	0.00E+00	0.00E+00	9.93E-03	
FWB42P2	1.47E-02	2.31E+00	0.00E+00	2.31E+00	0.00E+00	0.00E+00	1.52E+00	6.69E-07	6.69E-03	7.59E-02	0.00E+00	0.00E+00	4.07E-11	7.89E+00	5.64E-03	0.00E+00	0.00E+00	2.05E-04	6.13E-02	3.23E+01	0.00E+00	3.55E+09	1.19E-07	1.90E-02	5.79E-05	4.31E-02	0.00E+00	3.23E+01	9.12E-08	3.23E+01	3.23E+01	4.31E-02	0.00E+00	0.00E+00	8.90E-03	
FWB42S	1.67E-02	2.63E+00	0.00E+00	2.63E+00	0.00E+00	0.00E+00	1.72E+00	9.88E-07	7.92E-03	8.68E-02	0.00E+00	0.00E+00	4.83E-11	8.99E+00	6.41E-03	0.00E+00	0.00E+00	2.33E-04	9.24E-02	3.67E+01	0.00E+00	4.54E+09	1.38E-07	2.16E-02	6.68E-05	4.96E-02	0.00E+00	3.67E+01	1.04E-07	3.67E+01	3.67E+01	4.96E-02	0.00E+00	0.00E+00	1.00E+02	
FWB44S	2.90E-02	3.83E+00	0.00E+00	3.83E+00	0.00E+00	0.00E+00	2.38E+00	1.39E-06	1.08E-02	1.18E-01	0.00E+00	0.00E+00	6.39E-11	1.24E+00	8.86E-03	0.00E+00	0.00E+00	3.22E-04	1.29E-01	5.47E+01	0.00E+00	5.57E+09	1.87E-07	3.07E-02	9.16E-05	6.77E-02	0.00E+00	5.47E+01	1.43E-07	5.47E+01	5.47E+01	9.16E-05	0.00E+00	0.00E+00	1.38E+02	
FWB44S	2.96E-02	3.98E+00	0.00E+00	3.98E+00	0.00E+00	0.00E+00	2.49E+00	1.4																												

Distribution A4	FWQ52P1	1.5662	2.4867	0.0060	2.4867	0.0060	0.0060	1.6200	9.2581	7.3263	8.0362	0.0060	0.0060	4.3461	8.3967	6.0163	0.0060	0.0060	0.0060	2.1864	8.8862	3.4461	0.0060	3.7869	1.3761	2.0362	6.1765	4.9862	0.0060	3.4461	9.7169	3.4461	3.4561	4.9862	0.0060	0.0060	0.0060	9.3763				
	FWQ63P	2.8862	4.1167	0.0060	4.1167	0.0060	0.0060	2.6967	1.5467	1.2262	1.3461	0.0060	0.0060	7.2161	1.4869	1.0862	0.0060	0.0060	0.0060	3.8364	1.4461	5.7361	0.0060	6.2069	2.1167	3.3762	1.0364	7.8462	0.0060	9.3761	1.6267	5.7361	5.7361	7.8462	0.0060	0.0060	0.0060	1.5662				
	FWQ64P	3.8762	5.4367	0.0060	5.4367	0.0060	0.0060	3.5867	2.0468	1.8162	1.7761	0.0060	0.0060	9.9861	1.8369	1.3362	0.0060	0.0060	0.0060	4.8164	1.9161	7.9861	0.0060	8.3469	2.8067	4.4762	1.3864	1.0161	0.0060	7.9861	2.1467	7.9861	7.9861	1.0161	1.0161	0.0060	0.0060	0.0060	2.0762			
	FWQ62P	2.2662	3.3467	0.0060	3.3467	0.0060	0.0060	2.3267	1.3369	1.0562	1.1161	0.0060	0.0060	6.2261	1.2169	0.8462	0.0060	0.0060	0.0060	3.1264	1.2461	4.7361	0.0060	5.4369	1.8367	2.9162	1.8862	6.6062	0.0060	4.9861	1.4367	4.9861	4.9861	6.6062	0.0060	0.0060	0.0060	1.8362				
	FWQ63P	3.8862	4.8267	0.0060	4.8267	0.0060	0.0060	3.5367	1.8168	1.4362	1.4761	0.0060	0.0060	8.4461	1.6469	1.1462	0.0060	0.0060	0.0060	4.6864	1.8061	6.7961	0.0060	7.4969	2.4967	4.2962	1.2164	8.8662	0.0060	6.7361	1.9067	6.7361	6.7361	8.8662	0.0060	0.0060	0.0060	1.8362				
	FWQ64P	4.2362	6.2867	0.0060	6.2867	0.0060	0.0060	4.1067	2.3368	1.8862	2.0461	0.0060	0.0060	1.1061	2.1369	1.5362	0.0060	0.0060	0.0060	5.5464	2.2061	8.7461	0.0060	9.6069	3.2367	5.1362	1.9764	1.1761	0.0060	8.7461	2.4767	8.7461	8.7561	1.1761	1.1761	0.0060	0.0060	0.0060	2.3862			
	FWQ74P	4.9162	7.1267	0.0060	7.1267	0.0060	0.0060	4.8767	2.8168	2.1262	2.3261	0.0060	0.0060	1.2961	2.4269	1.7462	0.0060	0.0060	0.0060	6.3664	2.9561	9.9561	0.0060	1.0869	3.8167	5.8862	1.7864	1.3361	0.0060	9.9561	2.8167	9.9561	9.9661	1.3361	1.3361	0.0060	0.0060	0.0060	2.7162			
	FWU31L	5.9863	8.8061	0.0060	8.8061	0.0060	0.0060	5.7761	3.3267	2.6263	2.8762	0.0060	0.0060	1.9561	3.0567	2.1962	0.0060	0.0060	0.0060	7.7965	3.0962	1.2361	0.0060	1.3269	4.3467	7.2462	2.2061	1.6462	0.0060	1.2361	3.4768	1.2361	1.6462	1.6462	1.6462	0.0060	0.0060	0.0060	3.3563			
	FWU31S	8.8763	1.4867	0.0060	1.4867	0.0060	0.0060	9.7761	5.2867	4.1863	4.4562	0.0060	0.0060	2.4661	4.7867	3.4162	0.0060	0.0060	0.0060	4.2864	5.1962	1.9361	0.0060	1.2669	7.3168	1.1862	1.1862	5.0561	2.8162	0.0060	1.9361	5.4768	1.9361	1.9361	5.4768	1.9361	1.9361	2.6162	0.0060	0.0060	0.0060	3.5263
	FWU31S1	9.1463	1.4467	0.0060	1.4467	0.0060	0.0060	9.4961	5.4167	4.2863	4.7062	0.0060	0.0060	2.5361	4.9067	3.4162	0.0060	0.0060	0.0060	4.2864	5.0962	2.0161	0.0060	1.2769	7.4368	1.1862	1.1862	5.8162	2.8162	0.0060	2.0161	5.8869	2.0161	2.0161	5.8869	2.0161	2.0161	2.8962	0.0060	0.0060	0.0060	5.4863
	FWU32L	7.0763	1.1167	0.0060	1.1167	0.0060	0.0060	7.3161	4.1967	3.3163	3.6362	0.0060	0.0060	1.9861	3.7967	2.7262	0.0060	0.0060	0.0060	9.8769	3.0261	1.9861	0.0060	1.1769	5.7368	5.1762	2.7862	2.0862	0.0060	1.9861	4.3968	1.9861	1.9861	4.3968	1.9861	1.9861	2.0862	0.0060	0.0060	0.0060	4.2463	
	FWU32M2	1.4562	2.2867	0.0060	2.2867	0.0060	0.0060	1.5067	8.5667	8.7863	7.4462	0.0060	0.0060	4.0161	7.7867	5.8662	0.0060	0.0060	0.0060	2.0264	8.0162	3.1961	0.0060	3.5069	1.1862	1.8862	5.7165	4.2562	0.0060	3.1961	8.9969	3.1961	3.1961	4.2562	0.0060	0.0060	0.0060	8.8763				
	FWU32S	1.3962	2.1867	0.0060	2.1867	0.0060	0.0060	1.4367	8.2167	8.4963	7.1262	0.0060	0.0060	3.9461	7.4467	5.3262	0.0060	0.0060	0.0060	1.9364	7.8862	3.0561	0.0060	3.3569	1.1362	1.8062	5.4762	4.0762	0.0060	3.0561	8.8168	3.0561	3.0561	4.0762	0.0060	0.0060	0.0060	8.7163				
	FWU33S	1.2962	2.0967	0.0060	2.0967	0.0060	0.0060	1.3667	7.1367	8.8863	9.7462	0.0060	0.0060	5.2661	1.0269	7.2862	0.0060	0.0060	0.0060	2.6464	1.0861	4.1761	0.0060	4.5869	1.5467	2.4662	7.4862	5.9762	0.0060	4.1761	1.1867	4.1761	4.1761	5.9762	0.0060	0.0060	0.0060	9.1462				
	FWU41L	6.9962	1.0967	0.0060	1.0967	0.0060	0.0060	7.1461	4.0367	3.2463	3.5562	0.0060	0.0060	1.9961	3.7167	2.8962	0.0060	0.0060	0.0060	9.6465	3.8362	1.9261	0.0060	1.6769	5.8168	8.9362	2.7362	2.0362	0.0060	1.9261	4.2968	1.9261	1.9261	2.0362	0.0060	0.0060	0.0060	4.1463				
	FWU41S	1.0862	1.7167	0.0060	1.7167	0.0060	0.0060	1.1267	6.4167	5.0763	5.5762	0.0060	0.0060	3.0061	8.8167	4.1862	0.0060	0.0060	0.0060	1.5164	6.0062	2.2861	0.0060	2.6269	8.8068	1.4062	4.2762	3.1862	0.0060	2.2861	6.7368	2.2861	2.2861	3.1862	0.0060	0.0060	0.0060	4.6563				
	FWU41S1	1.0862	1.7167	0.0060	1.7167	0.0060	0.0060	1.1267	6.4167	5.0763	5.5762	0.0060	0.0060	3.0061	8.8167	4.1862	0.0060	0.0060	0.0060	1.5164	6.0062	2.2861	0.0060	2.6269	8.8068	1.4062	4.2762	3.1862	0.0060	2.2861	6.7368	2.2861	2.2861	3.1862	0.0060	0.0060	0.0060	4.6563				
	FWU42K	1.9862	2.9867	0.0060	2.9867	0.0060	0.0060	1.0167	1.0168	3.8862	3.7862	0.0060	0.0060	4.7361	9.1467	6.5862	0.0060	0.0060	0.0060	3.9462	9.4462	3.7961	0.0060	4.1269	1.3967	2.2162	6.7262	5.0162	0.0060	3.7961	1.0667	3.7961	3.7961	5.0162	0.0060	0.0060	0.0060	6.2862				
	FWU42K1	1.7662	2.7767	0.0060	2.7767	0.0060	0.0060	1.8267	1.0468	8.2463	9.0462	0.0060	0.0060	4.8861	9.4467	6.7862	0.0060	0.0060	0.0060	2.4864	9.7362	3.8761	0.0060	4.2869	1.4362	2.2862	6.9462	5.1762	0.0060	3.8761	1.0967	3.8761	3.8861	5.1762	0.0060	0.0060	0.0060	1.0562				
	FWU42K2	1.7662	2.7767	0.0060	2.7767	0.0060	0.0060	1.8267	1.0468	8.2463	9.0462	0.0060	0.0060	4.8861	9.4467	6.7862	0.0060	0.0060	0.0060	2.4864	9.7362	3.8761	0.0060	4.2869	1.4362	2.2862	6.9462	5.1762	0.0060	3.8761	1.0967	3.8761	3.8861	5.1762	0.0060	0.0060	0.0060	1.0562				
	FWU42K3	1.7662	2.7767	0.0060	2.7767	0.0060	0.0060	1.8267	1.0468	8.2463	9.0462	0.0060	0.0060	4.8861	9.4467	6.7862	0.0060	0.0060	0.0060	2.4864	9.7362	3.8761	0.0060	4.2869	1.4362	2.2862	6.9462	5.1762	0.0060	3.8761	1.0967	3.8761	3.8861	5.1762	0.0060	0.0060	0.0060	1.0562				
	FWU42L	8.7862	2.7367	0.0060	2.7367	0.0060	0.0060	1.7967	1.0268	8.1063	8.8962	0.0060	0.0060	4.8061	9.2367	6.6862	0.0060	0.0060	0.0060	2.4164	9.5862	3.9161	0.0060	4.1869	1.4761	2.2462	6.8262	5.0862	0.0060	3.9161	1.0767	3.9161	3.9161	5.0862	0.0060	0.0060	0.0060	1.0462				
	FWU42M2	1.8962	3.1767	0.0060	3.1767	0.0060	0.0060	1.9567	5.1567	4.0863	4.4762	0.0060	0.0060	2.4161	4.8767	3.4362	0.0060	0.0060	0.0060	3.0464	4.8362	1.9261	0.0060	2.7469	7.0768	1.1862	1.1862	5.4362	2.9862	0.0060	1.9261	4.4867	1.9261	1.9261	2.9862	0.0060	0.0060	0.0060	9.1462			
	FWU42S1	1.8962	2.8067	0.0060	2.8067	0.0060	0.0060	1.7067	9.7367	7.7263	8.4762	0.0060	0.0060	4.3761	8.8467	6.3362	0.0060	0.0060	0.0060	2.3064	9.1362	3.9361	0.0060	3.9969	1.3462	2.1462	6.5062	4.8462	0.0060	3.9361	1.0267	3.9361	3.9361	4.8462	0.0060	0.0060	0.0060	8.8863				
	FWU43K	1.8962	2.8067	0.0060	2.8067	0.0060	0.0060	1.7067	9.7367	7.7263	8.4762	0.0060	0.0060	4.3761	8.8467	6.3362	0.0060	0.0060	0.0060	2.3064	9.1362	3.9361	0.0060	3.9969	1.3462	2.1462	6.5062	4.8462	0.0060	3.9361	1.0267	3.9361	3.9361	4.8462	0.0060	0.0060	0.0060	8.8863				
	FWU43S	2.3962	3.7167	0.0060	3.7167	0.0060	0.0060	2.4467	1.3968	1.1062	1.2161	0.0060	0.0060	6.3361	1.2869	0.8862	0.0060	0.0060	0.0060	3.2964	1.3061	5.9161	0.0060	5.7069	1.9167	3.0562	6.2862	6.9262	0.0060	5.9161	1.4867	5.9161	5.9161	6.9262	0.0060	0.0060	0.0060	1.4163				
	FWU51L	7.9662	1.1767	0.0060	1.1767	0.0060	0.0060	8.2667	4.3867	3.4863	3.8062	0.0060	0.0060	2.0561	3.9767	2.8462	0.0060	0.0060	0.0060	4.1664	4.1962	1.9361	0.0060	6.9168	6.9168	5.9662	3.2962	2.1762	0.0060	1.9361	4.4068	1.9361	1.9361	3.2962	0.0060	0.0060	0.0060	4.4068				
	FWU51S	1.2362	2.0567	0.0060	2.0567	0.0060	0.0060	1.3767	7.8267	6.1963	6.7962	0.0060	0.0060	3.9961	7.0967	5.0862	0.0060	0.0060	0.0060	1.8464	7.2262	2.9761	0.0060	3.1969	1.0767	1.7162	5.2162	3.8862	0.0060	2.9761	8.2368	2.9761	2.9761	3.8862	0.0060	0.0060	0.0060	7.9163				
	FWU51S1	1.3862	2.1967	0.0060	2.1967	0.0060	0.0060	1.4367	8.1867	6.4763	7.1062	0.0060	0.0060	3.8961	7.4167	5.3162	0.0060	0.0060	0.0060	1.9364	7.8862	3.9461	0.0060	3.3469	1.1362	1.7962	5.4562	4.0862	0.0060	3.3469	8.											

KU33AHZ	9.95e-01	1.59e-00	0.00e+00	1.59e-00	0.00e+00	0.00e+00	9.83e-01	5.63e-01	4.45e-03	4.89e-02	0.00e+00	0.00e+00	2.84e-11	5.10e-10	3.98e-03	0.00e+00	0.00e+00	0.00e+00	1.33e-04	5.27e-02	2.09e-01	0.00e+00	2.35e-09	7.73e-08	1.23e-02	3.75e-05	2.79e-02	0.00e+00	2.00e-01	5.91e-08	2.09e-01	2.10e-01	2.79e-02	0.00e+00	0.00e+00	0.00e+00	5.70e-03
KU33LHE	6.89e-04	1.09e-01	0.00e+00	1.09e-01	0.00e+00	0.00e+00	7.10e-02	4.07e-08	3.22e-04	3.53e-03	0.00e+00	0.00e+00	1.99e-12	3.89e-11	2.84e-04	0.00e+00	0.00e+00	0.00e+00	9.59e-08	3.03e-03	1.51e-09	0.00e+00	1.66e-10	5.99e-08	8.90e-04	2.71e-06	2.02e-03	0.00e+00	1.51e-09	4.27e-06	1.51e-10	1.51e-10	2.02e-03	0.00e+00	0.00e+00	0.00e+00	4.12e-04
KU33OHZGB	7.04e-03	1.34e-00	0.00e+00	1.34e-00	0.00e+00	0.00e+00	8.10e-01	4.64e-01	3.87e-03	4.03e-02	0.00e+00	0.00e+00	2.17e-11	4.21e-10	3.01e-03	0.00e+00	0.00e+00	0.00e+00	1.00e-04	4.34e-02	1.73e-01	0.00e+00	1.50e-09	6.37e-08	1.02e-02	3.09e-05	2.36e-02	0.00e+00	1.73e-01	4.87e-08	1.73e-01	1.73e-01	3.09e-05	0.00e+00	0.00e+00	0.00e+00	4.70e-03
KU33VGAZ	1.01e-02	1.99e-00	0.00e+00	1.99e-00	0.00e+00	0.00e+00	1.64e-01	5.97e-01	4.72e-03	5.19e-02	0.00e+00	0.00e+00	2.89e-11	5.41e-10	3.98e-03	0.00e+00	0.00e+00	0.00e+00	1.41e-04	5.99e-02	2.22e-01	0.00e+00	2.44e-09	8.20e-08	1.31e-02	3.99e-05	2.96e-02	0.00e+00	2.22e-01	6.17e-08	2.22e-01	2.22e-01	2.96e-05	0.00e+00	0.00e+00	0.00e+00	6.94e-03
KU33VGLZ	6.09e-03	1.04e-00	0.00e+00	1.04e-00	0.00e+00	0.00e+00	1.03e-01	3.91e-01	3.09e-03	3.39e-02	0.00e+00	0.00e+00	1.83e-11	3.54e-10	2.54e-03	0.00e+00	0.00e+00	0.00e+00	9.21e-08	3.06e-02	1.42e-01	0.00e+00	1.00e-09	5.37e-08	8.56e-03	2.61e-05	1.94e-02	0.00e+00	1.42e-01	4.10e-08	1.42e-01	1.42e-01	2.61e-05	0.00e+00	0.00e+00	0.00e+00	3.96e-03
KU40XXE	2.19e-04	3.44e-02	0.00e+00	3.44e-02	0.00e+00	0.00e+00	2.26e-02	1.23e-08	1.02e-04	1.12e-03	0.00e+00	0.00e+00	6.05e-13	1.17e-11	8.39e-05	0.00e+00	0.00e+00	0.00e+00	3.02e-08	1.21e-03	4.80e-01	0.00e+00	5.28e-11	1.77e-09	2.83e-04	6.81e-07	6.41e-04	0.00e+00	4.80e-01	1.39e-08	4.80e-01	4.81e-01	6.41e-04	0.00e+00	0.00e+00	0.00e+00	1.31e-04
KU73S20	1.19e-03	1.87e-01	0.00e+00	1.87e-01	0.00e+00	0.00e+00	1.23e-01	7.93e-08	5.95e-04	6.10e-03	0.00e+00	0.00e+00	3.29e-12	6.37e-11	4.58e-04	0.00e+00	0.00e+00	0.00e+00	1.69e-05	6.58e-03	2.91e-09	0.00e+00	2.87e-10	9.89e-08	1.54e-03	4.88e-06	3.49e-03	0.00e+00	2.91e-09	7.38e-07	2.67e-08	2.92e-08	3.49e-03	0.00e+00	0.00e+00	0.00e+00	1.72e-04
KU73S50	2.05e-03	2.29e-01	0.00e+00	2.29e-01	0.00e+00	0.00e+00	1.50e-01	8.82e-08	6.92e-04	7.49e-03	0.00e+00	0.00e+00	4.94e-12	7.81e-11	5.69e-04	0.00e+00	0.00e+00	0.00e+00	2.02e-05	8.09e-03	3.42e-09	0.00e+00	3.52e-10	1.19e-08	1.89e-03	5.74e-06	4.28e-03	0.00e+00	3.20e-09	9.49e-07	3.20e-09	3.20e-09	4.28e-03	0.00e+00	0.00e+00	0.00e+00	8.72e-04
KU73S60	1.03e-03	3.71e-01	0.00e+00	3.71e-01	0.00e+00	0.00e+00	1.00e-01	1.20e-07	9.54e-04	1.05e-02	0.00e+00	0.00e+00	5.05e-12	1.09e-10	7.82e-04	0.00e+00	0.00e+00	0.00e+00	2.94e-05	1.13e-03	4.48e-09	0.00e+00	2.94e-09	1.19e-08	2.00e-03	6.09e-06	4.48e-03	0.00e+00	2.94e-09	7.68e-07	2.94e-09	2.94e-09	4.48e-03	0.00e+00	0.00e+00	0.00e+00	1.29e-04
KU76S20	1.33e-03	2.10e-01	0.00e+00	2.10e-01	0.00e+00	0.00e+00	1.38e-01	7.91e-08	6.29e-04	6.69e-03	0.00e+00	0.00e+00	3.70e-12	7.17e-11	5.13e-04	0.00e+00	0.00e+00	0.00e+00	1.89e-05	7.40e-03	2.94e-09	0.00e+00	3.23e-10	1.09e-08	1.73e-03	5.27e-06	3.92e-03	0.00e+00	2.94e-09	8.30e-07	2.94e-09	3.92e-03	0.00e+00	0.00e+00	0.00e+00	8.00e-04	
KU83CHZGB	1.27e-02	2.01e-00	0.00e+00	2.01e-00	0.00e+00	0.00e+00	1.32e-00	7.54e-01	5.99e-03	6.54e-02	0.00e+00	0.00e+00	3.53e-11	6.83e-10	4.89e-03	0.00e+00	0.00e+00	0.00e+00	1.79e-04	7.03e-02	2.93e-01	0.00e+00	3.09e-09	1.03e-07	1.69e-03	5.02e-05	3.74e-02	0.00e+00	2.93e-01	7.91e-08	2.93e-01	2.93e-01	1.69e-03	0.00e+00	0.00e+00	0.00e+00	7.63e-03
U961N	1.14e-03	1.79e-01	0.00e+00	1.79e-01	0.00e+00	0.00e+00	1.17e-01	6.73e-08	5.32e-04	5.84e-03	0.00e+00	0.00e+00	3.15e-12	6.10e-11	4.37e-04	0.00e+00	0.00e+00	0.00e+00	1.59e-05	6.30e-03	2.92e-09	0.00e+00	2.79e-10	9.24e-08	1.47e-03	4.48e-06	3.34e-03	0.00e+00	2.92e-09	7.69e-07	2.92e-09	2.92e-09	3.34e-03	0.00e+00	0.00e+00	0.00e+00	6.81e-04
U96N	1.49e-03	3.20e-01	0.00e+00	3.20e-01	0.00e+00	0.00e+00	1.51e-01	8.64e-08	6.84e-04	7.59e-03	0.00e+00	0.00e+00	4.05e-12	7.83e-11	5.61e-04	0.00e+00	0.00e+00	0.00e+00	2.04e-05	8.09e-03	3.21e-09	0.00e+00	3.55e-10	1.19e-08	1.89e-03	5.74e-06	4.29e-03	0.00e+00	3.21e-09	9.07e-07	3.21e-09	3.21e-09	4.29e-03	0.00e+00	0.00e+00	0.00e+00	1.75e-04
U97N	2.24e-03	3.53e-01	0.00e+00	3.53e-01	0.00e+00	0.00e+00	2.32e-01	1.33e-01	1.05e-03	1.15e-02	0.00e+00	0.00e+00	6.21e-12	1.20e-10	8.61e-04	0.00e+00	0.00e+00	0.00e+00	3.19e-05	1.24e-02	4.93e-09	0.00e+00	3.42e-10	1.62e-08	2.59e-03	8.49e-06	6.99e-03	0.00e+00	4.93e-09	1.39e-07	4.93e-09	4.93e-09	6.99e-03	0.00e+00	0.00e+00	0.00e+00	3.93e-04
UC11BA	4.02e-04	6.34e-02	0.00e+00	6.34e-02	0.00e+00	0.00e+00	4.19e-02	2.39e-08	1.99e-04	2.07e-03	0.00e+00	0.00e+00	1.12e-12	2.16e-11	1.55e-04	0.00e+00	0.00e+00	0.00e+00	5.61e-08	2.23e-03	8.95e-01	0.00e+00	9.75e-11	3.27e-09	5.21e-04	1.59e-06	1.19e-03	0.00e+00	8.95e-01	2.59e-08	8.95e-01	8.97e-01	1.19e-03	0.00e+00	0.00e+00	0.00e+00	2.41e-04
UC12BA	6.87e-04	1.05e-01	0.00e+00	1.05e-01	0.00e+00	0.00e+00	6.60e-02	3.99e-08	3.12e-04	3.43e-03	0.00e+00	0.00e+00	1.89e-12	3.59e-11	2.59e-04	0.00e+00	0.00e+00	0.00e+00	9.31e-08	3.79e-03	1.47e-09	0.00e+00	1.61e-10	5.42e-08	8.65e-04	2.63e-06	1.99e-03	0.00e+00	1.47e-09	4.14e-07	1.47e-09	1.47e-09	1.99e-03	0.00e+00	0.00e+00	0.00e+00	4.00e-04
UC21LH0	1.39e-03	2.10e-01	0.00e+00	2.10e-01	0.00e+00	0.00e+00	1.38e-01	7.89e-08	6.29e-04	6.69e-03	0.00e+00	0.00e+00	3.70e-12	7.19e-11	5.13e-04	0.00e+00	0.00e+00	0.00e+00	1.89e-05	7.39e-03	2.93e-09	0.00e+00	3.22e-10	1.09e-08	1.73e-03	5.27e-06	3.92e-03	0.00e+00	2.93e-09	8.29e-07	2.93e-09	2.93e-09	3.92e-03	0.00e+00	0.00e+00	0.00e+00	7.99e-04
UC21LH1	1.39e-03	2.10e-01	0.00e+00	2.10e-01	0.00e+00	0.00e+00	1.38e-01	7.89e-08	6.29e-04	6.69e-03	0.00e+00	0.00e+00	3.70e-12	7.19e-11	5.13e-04	0.00e+00	0.00e+00	0.00e+00	1.89e-05	7.39e-03	2.93e-09	0.00e+00	3.22e-10	1.09e-08	1.73e-03	5.27e-06	3.92e-03	0.00e+00	2.93e-09	8.29e-07	2.93e-09	2.93e-09	3.92e-03	0.00e+00	0.00e+00	0.00e+00	7.99e-04
UC21ST0	1.25e-03	1.97e-01	0.00e+00	1.97e-01	0.00e+00	0.00e+00	1.29e-01	7.39e-08	5.85e-04	6.41e-03	0.00e+00	0.00e+00	3.46e-12	6.70e-11	4.80e-04	0.00e+00	0.00e+00	0.00e+00	1.74e-05	6.91e-03	2.79e-09	0.00e+00	3.02e-10	1.01e-08	1.62e-03	4.92e-06	3.67e-03	0.00e+00	2.79e-09	7.75e-07	2.79e-09	2.79e-09	3.67e-03	0.00e+00	0.00e+00	0.00e+00	7.48e-04
UC21TR2	1.14e-03	1.79e-01	0.00e+00	1.79e-01	0.00e+00	0.00e+00	1.17e-01	6.73e-08	5.32e-04	5.84e-03	0.00e+00	0.00e+00	3.15e-12	6.10e-11	4.37e-04	0.00e+00	0.00e+00	0.00e+00	1.59e-05	6.29e-03	2.92e-09	0.00e+00	2.79e-10	9.24e-08	1.47e-03	4.48e-06	3.34e-03	0.00e+00	2.92e-09	7.69e-07	2.92e-09	2.92e-09	3.34e-03	0.00e+00	0.00e+00	0.00e+00	6.81e-04
UC22BA	1.95e-03	1.69e-01	0.00e+00	1.69e-01	0.00e+00	0.00e+00	1.09e-01	6.24e-08	4.94e-04	5.42e-03	0.00e+00	0.00e+00	2.92e-12	5.65e-11	4.09e-04	0.00e+00	0.00e+00	0.00e+00	1.47e-05	5.84e-03	3.32e-09	0.00e+00	2.59e-10	8.59e-08	1.37e-03	4.16e-06	3.19e-03	0.00e+00	2.32e-09	6.55e-07	2.32e-09	2.32e-09	3.19e-03	0.00e+00	0.00e+00	0.00e+00	6.31e-04
UC22PEN	1.05e-03	2.44e-01	0.00e+00	2.44e-01	0.00e+00	0.00e+00	1.89e-01	9.18e-08	7.27e-04	7.97e-03	0.00e+00	0.00e+00	4.30e-12	8.32e-11	5.96e-04	0.00e+00	0.00e+00	0.00e+00	2.19e-05	8.59e-03	4.24e-09	0.00e+00	3.19e-10	1.29e-08	2.00e-03	6.12e-06	4.59e-03	0.00e+00	4.24e-09	1.16e-07	4.59e-03	4.59e-03	6.12e-06	0.00e+00	0.00e+00	0.00e+00	1.93e-04
UC22RK	1.81e-03	2.85e-01	0.00e+00	2.85e-01	0.00e+00	0.00e+00	1.87e-01	1.07e-01	8.49e-04	9.29e-03	0.00e+00	0.00e+00	5.01e-12	9.89e-11	6.94e-04	0.00e+00	0.00e+00	0.00e+00	2.52e-05	1.00e-02	3.99e-09	0.00e+00	4.37e-10	1.47e-08	2.34e-03	7.13e-06	5.31e-03	0.00e+00	3.99e-09	1.12e-08	3.99e-09	3.99e-09	5.31e-03	0.00e+00	0.00e+00	0.00e+00	1.09e-03
UC31LE3	2.74e-03	4.32e-01	0.00e+00	4.32e-01	0.00e+00	0.00e+00	2.83e-01	1.62e-01	1.29e-03	1.41e-02	0.00e+00	0.00e+00	7.60e-12	1.47e-10	1.09e-03	0.00e+00	0.00e+00	0.00e+00	3.62e-08	1.52e-02	6.03e-09	0.00e+00	6.65e-10	2.23e-08	3.59e-03	1.09e-05	8.09e-03	0.00e+00	6.03e-09	1.739e-08	6.03e-09	6.04e-09	3.09e-03	0.00e+00	0.00e+00	0.00e+00	1.64e-03
UC32RK	2.39e-03	3.62e-01	0.00e+00	3.62e-01	0.00e+00	0.00e+00	2.38e-01	1.36e-01	1.09e-03	1.19e-02	0.00e+00	0.00e+00	6.37e-12	1.23e-10	8.83e-04	0.00e+00	0.00e+00	0.00e+00	3.21e-05	1.27e-02	5.09e-09	0.00e+00	5.86e-10	1.87e-08	2.99e-03	9.07e-06	6.79e-03	0.00e+00	5.09e-09	1.43e-08	5.09e-09	5.09e-09	6.79e-03	0.00e+00			

UK31C2	3.18E-03	5.91E-01	0.00E+00	5.01E-01	0.00E+00	0.00E+00	3.29E-01	1.88E-07	1.49E-03	1.63E-02	0.00E+00	0.00E+00	8.81E-12	1.70E-10	1.22E-03	0.00E+00	0.00E+00	0.00E+00	4.43E-05	1.78E-02	7.00E+00	0.00E+00	7.66E-10	2.98E-08	4.12E-03	1.25E-05	9.34E-03	0.00E+00	7.00E+00	1.97E-08	7.00E+00	7.01E+00	9.34E-03	0.00E+00	0.00E+00	0.00E+00	1.90E-03
UL25B9	1.96E-04	2.47E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	1.62E-02	9.20E-08	7.33E-05	8.04E-04	0.00E+00	0.00E+00	4.34E-13	8.40E-12	6.01E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-08	8.07E-04	3.44E-01	0.00E+00	3.76E-11	1.27E-08	2.03E-04	6.17E-07	4.60E-04	0.00E+00	3.44E-01	9.72E-10	3.44E-01	3.45E-01	4.60E-04	0.00E+00	0.00E+00	0.00E+00	9.36E-05
UM00H1	5.01E-04	8.87E-02	0.00E+00	8.87E-02	0.00E+00	0.00E+00	5.82E-02	3.33E-08	2.84E-04	2.95E-03	0.00E+00	0.00E+00	1.98E-12	3.02E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-08	3.17E-03	1.24E+00	0.00E+00	1.36E-10	4.57E-08	7.26E-04	2.22E-06	1.66E-03	0.00E+00	1.24E+00	3.50E-09	1.24E+00	1.24E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
UM00H2	9.81E-04	9.16E-02	0.00E+00	9.16E-02	0.00E+00	0.00E+00	6.01E-02	3.44E-08	2.72E-04	2.99E-03	0.00E+00	0.00E+00	1.61E-12	3.12E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.11E-08	3.22E-03	1.29E+00	0.00E+00	1.41E-10	4.72E-08	7.53E-04	2.26E-06	1.71E-03	0.00E+00	1.29E+00	3.61E-09	1.29E+00	1.29E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
UM00K1	5.82E-04	9.16E-02	0.00E+00	9.16E-02	0.00E+00	0.00E+00	6.01E-02	3.45E-08	2.73E-04	2.99E-03	0.00E+00	0.00E+00	1.62E-12	3.12E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-08	3.23E-03	1.29E+00	0.00E+00	1.41E-10	4.73E-08	7.54E-04	2.27E-06	1.72E-03	0.00E+00	1.29E+00	3.62E-09	1.29E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
UM00K2	5.89E-04	9.26E-02	0.00E+00	9.26E-02	0.00E+00	0.00E+00	6.06E-02	3.49E-08	2.76E-04	3.03E-03	0.00E+00	0.00E+00	1.63E-12	3.16E-11	2.26E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-08	3.26E-03	1.30E+00	0.00E+00	1.43E-10	4.79E-08	7.64E-04	2.32E-06	1.73E-03	0.00E+00	1.30E+00	3.66E-09	1.30E+00	1.30E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
UM00M0	1.34E-04	4.47E-02	0.00E+00	4.47E-02	0.00E+00	0.00E+00	2.93E-02	1.68E-08	1.33E-04	1.48E-03	0.00E+00	0.00E+00	7.87E-13	1.52E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.96E-08	1.57E-03	6.25E-01	0.00E+00	6.86E-11	2.31E-08	3.98E-04	1.17E-06	8.34E-04	0.00E+00	6.25E-01	1.78E-09	6.25E-01	6.26E-01	8.34E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-04
UM00M1	2.46E-04	1.23E-01	0.00E+00	1.23E-01	0.00E+00	0.00E+00	1.39E-01	7.98E-08	6.30E-04	6.91E-03	0.00E+00	0.00E+00	3.73E-12	7.22E-11	5.17E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-05	7.45E-03	2.98E+00	0.00E+00	3.25E-10	1.09E-08	1.74E-03	5.31E-06	3.95E-03	0.00E+00	2.98E+00	8.36E-09	2.98E+00	2.98E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00	8.95E-04
UM00M2	1.05E-03	1.66E-01	0.00E+00	1.66E-01	0.00E+00	0.00E+00	1.07E-01	6.24E-08	4.94E-04	5.42E-03	0.00E+00	0.00E+00	2.92E-12	5.82E-11	4.09E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-05	8.24E-03	3.23E+00	0.00E+00	3.57E-10	1.36E-08	2.14E-03	6.16E-06	4.36E-03	0.00E+00	3.23E+00	9.59E-09	3.23E+00	3.23E+00	4.36E-03	0.00E+00	0.00E+00	0.00E+00	9.61E-04
UM41UK	1.48E-03	2.34E-01	0.00E+00	2.34E-01	0.00E+00	0.00E+00	1.53E-01	8.78E-08	6.95E-04	7.62E-03	0.00E+00	0.00E+00	4.11E-12	7.95E-11	5.79E-04	0.00E+00	0.00E+00	0.00E+00	2.07E-05	8.21E-03	3.29E+00	0.00E+00	3.59E-10	1.21E-08	1.92E-03	6.85E-06	4.36E-03	0.00E+00	3.29E+00	9.21E-09	3.29E+00	3.29E+00	4.36E-03	0.00E+00	0.00E+00	0.00E+00	8.86E-04
UM51UK	1.81E-03	2.85E-01	0.00E+00	2.85E-01	0.00E+00	0.00E+00	1.87E-01	1.07E-07	8.47E-04	9.30E-03	0.00E+00	0.00E+00	5.02E-12	9.78E-11	6.95E-04	0.00E+00	0.00E+00	0.00E+00	2.52E-05	1.02E-03	3.98E+00	0.00E+00	4.36E-10	1.47E-08	2.34E-03	7.14E-06	5.31E-03	0.00E+00	3.98E+00	1.12E-09	3.98E+00	3.98E+00	5.31E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-03
UM61UK	2.25E-03	3.55E-01	0.00E+00	3.55E-01	0.00E+00	0.00E+00	2.33E-01	1.33E-07	1.06E-03	1.16E-02	0.00E+00	0.00E+00	6.25E-12	1.21E-10	8.86E-04	0.00E+00	0.00E+00	0.00E+00	3.14E-05	1.23E-02	4.98E+00	0.00E+00	5.45E-10	1.83E-08	2.92E-03	8.89E-06	6.02E-03	0.00E+00	4.98E+00	1.40E-09	4.98E+00	4.98E+00	6.02E-03	0.00E+00	0.00E+00	0.00E+00	1.35E-03
UM71UK	2.94E-03	3.92E-01	0.00E+00	3.92E-01	0.00E+00	0.00E+00	2.37E-01	1.47E-07	1.17E-03	1.28E-02	0.00E+00	0.00E+00	6.91E-12	1.34E-10	9.37E-04	0.00E+00	0.00E+00	0.00E+00	3.48E-05	1.38E-02	5.49E+00	0.00E+00	6.02E-10	2.02E-08	3.22E-03	9.83E-06	7.32E-03	0.00E+00	5.49E+00	1.58E-09	5.49E+00	5.49E+00	7.32E-03	0.00E+00	0.00E+00	0.00E+00	1.45E-03
UN04A	8.89E-04	1.94E-01	0.00E+00	1.94E-01	0.00E+00	0.00E+00	9.92E-02	5.27E-08	4.17E-04	4.37E-03	0.00E+00	0.00E+00	2.47E-12	4.77E-11	3.54E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.93E-03	1.99E+00	0.00E+00	2.15E-10	7.23E-08	3.51E-04	1.01E-06	2.61E-03	0.00E+00	1.99E+00	5.53E-09	1.99E+00	1.99E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	5.33E-04
UN05A	1.11E-03	1.74E-01	0.00E+00	1.74E-01	0.00E+00	0.00E+00	1.14E-01	6.55E-08	5.19E-04	5.69E-03	0.00E+00	0.00E+00	3.07E-12	5.94E-11	4.25E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	6.15E-03	2.44E+00	0.00E+00	2.66E-10	8.99E-08	1.43E-03	4.39E-06	3.25E-03	0.00E+00	2.44E+00	6.87E-09	2.44E+00	2.44E+00	3.25E-03	0.00E+00	0.00E+00	0.00E+00	6.63E-04
UN06A	1.36E-03	1.95E-01	0.00E+00	1.95E-01	0.00E+00	0.00E+00	1.43E-01	8.01E-08	6.50E-04	7.13E-03	0.00E+00	0.00E+00	3.85E-12	7.44E-11	5.33E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-05	7.68E-03	3.09E+00	0.00E+00	3.35E-10	1.13E-08	1.80E-03	5.47E-06	4.07E-03	0.00E+00	3.09E+00	8.62E-09	3.09E+00	3.09E+00	4.07E-03	0.00E+00	0.00E+00	0.00E+00	8.31E-04
UN07A	1.65E-03	2.36E-01	0.00E+00	2.36E-01	0.00E+00	0.00E+00	1.88E-01	9.62E-08	7.66E-04	8.34E-03	0.00E+00	0.00E+00	4.59E-12	8.79E-11	6.24E-04	0.00E+00	0.00E+00	0.00E+00	2.26E-05	8.99E-03	3.57E+00	0.00E+00	3.92E-10	1.32E-08	2.16E-03	6.49E-06	4.77E-03	0.00E+00	3.57E+00	1.01E-09	3.57E+00	3.57E+00	4.77E-03	0.00E+00	0.00E+00	0.00E+00	9.72E-04
UN08A	1.82E-03	2.91E-01	0.00E+00	2.91E-01	0.00E+00	0.00E+00	2.19E-01	1.09E-07	8.60E-04	9.50E-03	0.00E+00	0.00E+00	5.13E-12	9.92E-11	7.10E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05	1.03E-03	4.07E+00	0.00E+00	4.47E-10	1.50E-08	2.40E-03	7.12E-06	5.49E-03	0.00E+00	4.07E+00	1.15E-09	4.07E+00	4.07E+00	5.49E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-03
UN09A	1.93E-03	3.04E-01	0.00E+00	3.04E-01	0.00E+00	0.00E+00	2.00E-01	1.14E-07	9.05E-04	9.93E-03	0.00E+00	0.00E+00	5.36E-12	1.04E-10	7.43E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05	1.07E-02	4.29E+00	0.00E+00	4.87E-10	1.57E-08	2.50E-03	7.62E-06	5.68E-03	0.00E+00	4.29E+00	1.20E-09	4.29E+00	4.29E+00	5.68E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-03
UN10A	2.06E-03	3.29E-01	0.00E+00	3.29E-01	0.00E+00	0.00E+00	2.18E-01	1.24E-07	9.79E-04	1.07E-02	0.00E+00	0.00E+00	5.79E-12	1.12E-10	8.03E-04	0.00E+00	0.00E+00	0.00E+00	2.92E-05	1.14E-02	4.60E+00	0.00E+00	5.06E-10	1.73E-08	2.71E-03	8.24E-06	6.14E-03	0.00E+00	4.60E+00	1.30E-09	4.60E+00	4.60E+00	6.14E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-03
UN11A	2.36E-03	3.72E-01	0.00E+00	3.72E-01	0.00E+00	0.00E+00	2.44E-01	1.40E-07	1.10E-03	1.21E-02	0.00E+00	0.00E+00	6.94E-12	1.26E-10	9.08E-04	0.00E+00	0.00E+00	0.00E+00	3.29E-05	1.31E-02	5.19E+00	0.00E+00	5.76E-10	1.92E-08	3.06E-03	9.30E-06	6.93E-03	0.00E+00	5.19E+00	1.46E-09	5.19E+00	5.19E+00	6.93E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-03
UN12A	2.63E-03	3.94E-01	0.00E+00	3.94E-01	0.00E+00	0.00E+00	2.68E-01	1.48E-07	1.17E-03	1.29E-02	0.00E+00	0.00E+00	6.94E-12	1.26E-10	9.09E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05	1.38E-02	5.31E+00	0.00E+00	6.06E-10	2.03E-08	3.16E-03	9.88E-06	7.36E-03	0.00E+00	5.31E+00	1.58E-09	5.31E+00	5.31E+00	7.36E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-03
UN13A	2.95E-03	4.66E-01	0.00E+00	4.66E-01	0.00E+00	0.00E+00	3.06E-01	1.73E-07	1.38E-03	1.52E-02	0.00E+00	0.00E+00	8.20E-12	1.56E-10	1.14E-03	0.00E+00	0.00E+00	0.00E+00	4.12E-05	1.64E-02	6.51E+00	0.00E+00	7.15E-10	2.40E-08	3.83E-03	1.17E-05	8.89E-03	0.00E+00	6.51E+00	1.84E-09	6.51E+00	6.51E+00	8.89E-03	0.00E+00	0.00E+00	0.00E+00	1.77E-03
UN31TN	1.15E-03	1.82E-01	0.00E+00	1.82E-01	0.00E+00	0.00E+00	1.19E-01	6.94E-08	5.41E-04	5.94E-03	0.00E+00	0.00E+00	3.20E-12	6.20E-11	4.44E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-05	6.60E-03	2.54E+00	0.00E+00	2.79E-10	9.36E-08	1.50E-03	4.56E-06	3.39E-03	0.00E+00	2.54E+00	7.18E-09	2.54E+00	2.56E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	8.92E-04
UN41B1	2.20E-03	3.62E-01	0.00E+00	3.62E-01	0.00E+00	0.00E+00	2.37E-01	1.36E-07	1.07E-03	1.18E-02	0.00E+00	0.00E+00	6.36E-12	1.23E-10	8.82E-04	0.00E+00	0.00E+00	0.00E+00	3.20E-05	1.27E-02	5.09E+00	0.00E+00	5.55E-10	1.86E-08	2.97E-03	9.95E-06	6.74E-03	0.00E+00	5.09E+00	1.43E-09	5.09E+00	5.09E+00	6.74E-03	0.00E+00	0.00E		

FZ912XE	4.43E-04	1.97E-03	3.70E-04	1.60E-03	0.00E+00	0.00E+00	2.30E-02	2.18E-04	2.11E-04	1.31E-05	0.00E+00	3.89E-05	1.76E-10	5.14E-12	2.37E-04	4.25E-06	1.31E-04	0.00E+00	2.77E-09	6.53E-04	1.51E-02	0.00E+00	2.04E-11	2.68E-11	3.07E-04	7.84E-09	2.02E-03	0.00E+00	1.51E-02	3.71E-11	1.91E-02	1.71E-02	3.20E-03	0.00E+00	0.00E+00	0.00E+00	1.19E-04
FG22WD	1.01E-02	4.44E-03	8.43E-01	3.63E-02	0.00E+00	0.00E+00	5.23E-01	4.97E-05	4.82E-03	2.96E-02	0.00E+00	8.83E-02	4.00E-07	1.17E-08	5.41E-01	9.68E-03	2.99E-01	1.10E-04	6.30E-01	1.40E-03	3.44E-01	0.00E+00	4.65E-08	6.03E-07	7.00E-03	1.79E-04	4.59E-03	0.00E+00	3.44E-01	8.45E-08	3.44E-01	3.90E-01	4.59E-03	0.00E+00	0.00E+00	0.00E+00	2.71E-01
FG23WD	1.01E-02	4.44E-03	8.43E-01	3.63E-02	0.00E+00	0.00E+00	5.23E-01	4.97E-05	4.82E-03	2.96E-02	0.00E+00	8.83E-02	4.00E-07	1.17E-08	5.41E-01	9.68E-03	2.99E-01	1.10E-04	6.30E-01	1.40E-03	3.44E-01	0.00E+00	4.65E-08	6.03E-07	7.00E-03	1.79E-04	4.59E-03	0.00E+00	3.44E-01	8.45E-08	3.44E-01	3.90E-01	4.59E-03	0.00E+00	0.00E+00	0.00E+00	2.71E-01
FG24WD	1.01E-02	4.51E-03	8.44E-01	3.67E-02	0.00E+00	0.00E+00	5.24E-01	5.00E-05	4.83E-03	3.00E-02	0.00E+00	8.87E-02	4.01E-07	1.17E-08	5.46E-01	9.70E-03	3.00E-01	7.89E-03	6.37E-01	1.50E-03	3.46E-01	0.00E+00	4.67E-08	6.05E-07	7.02E-03	1.80E-04	4.62E-03	0.00E+00	3.46E-01	8.50E-08	3.46E-01	3.92E-01	4.62E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-01
FG24XD	1.01E-02	4.51E-03	8.44E-01	3.67E-02	0.00E+00	0.00E+00	5.24E-01	5.00E-05	4.83E-03	3.00E-02	0.00E+00	8.87E-02	4.01E-07	1.17E-08	5.46E-01	9.70E-03	3.00E-01	7.89E-03	6.37E-01	1.50E-03	3.46E-01	0.00E+00	4.67E-08	6.05E-07	7.02E-03	1.80E-04	4.62E-03	0.00E+00	3.46E-01	8.50E-08	3.46E-01	3.92E-01	4.62E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-01
FG25WD	1.01E-02	4.51E-03	8.44E-01	3.67E-02	0.00E+00	0.00E+00	5.24E-01	5.00E-05	4.83E-03	3.00E-02	0.00E+00	8.87E-02	4.01E-07	1.17E-08	5.46E-01	9.70E-03	3.00E-01	7.89E-03	6.37E-01	1.50E-03	3.46E-01	0.00E+00	4.67E-08	6.05E-07	7.02E-03	1.80E-04	4.62E-03	0.00E+00	3.46E-01	8.50E-08	3.46E-01	3.92E-01	4.62E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-01
FG26WD	1.01E-02	4.51E-03	8.44E-01	3.67E-02	0.00E+00	0.00E+00	5.24E-01	5.00E-05	4.83E-03	3.00E-02	0.00E+00	8.87E-02	4.01E-07	1.17E-08	5.46E-01	9.70E-03	3.00E-01	7.89E-03	6.37E-01	1.50E-03	3.46E-01	0.00E+00	4.67E-08	6.05E-07	7.02E-03	1.80E-04	4.62E-03	0.00E+00	3.46E-01	8.50E-08	3.46E-01	3.92E-01	4.62E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-01
FG28XD	1.01E-02	4.51E-03	8.44E-01	3.67E-02	0.00E+00	0.00E+00	5.24E-01	5.00E-05	4.83E-03	3.00E-02	0.00E+00	8.87E-02	4.01E-07	1.17E-08	5.46E-01	9.70E-03	3.00E-01	7.89E-03	6.37E-01	1.50E-03	3.46E-01	0.00E+00	4.67E-08	6.05E-07	7.02E-03	1.80E-04	4.62E-03	0.00E+00	3.46E-01	8.50E-08	3.46E-01	3.92E-01	4.62E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-01
FL220Z	1.03E-05	1.02E-03	1.52E-03	6.57E-03	0.00E+00	0.00E+00	5.24E-01	5.00E-05	4.83E-03	3.00E-02	0.00E+00	1.60E-04	7.24E-10	2.12E-11	9.46E-04	1.77E-05	5.40E-04	0.00E+00	1.14E-05	2.86E-03	6.23E-02	0.00E+00	4.47E-08	6.05E-07	7.02E-03	1.80E-04	4.62E-03	0.00E+00	3.46E-01	8.50E-08	3.46E-01	3.92E-01	4.62E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-01
FL53SPX01	7.93E-03	3.56E-03	9.56E-01	2.90E-02	0.00E+00	0.00E+00	4.08E-01	3.91E-05	3.78E-03	2.35E-02	0.00E+00	6.90E-02	3.12E-07	9.14E-09	4.33E-01	7.54E-03	2.51E-01	2.05E-02	5.05E-03	1.19E-02	2.71E-01	0.00E+00	3.64E-08	4.74E-08	5.48E-03	1.41E-04	3.62E-03	0.00E+00	2.71E-01	6.68E-08	2.71E-01	3.07E-01	3.62E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-01
FL73S	1.01E-02	4.53E-03	8.40E-01	3.66E-02	0.00E+00	0.00E+00	5.22E-01	5.00E-05	4.81E-03	3.00E-02	0.00E+00	8.83E-02	3.99E-07	1.17E-08	5.51E-01	9.65E-03	3.16E-01	2.05E-02	6.43E-03	1.52E-03	3.46E-01	0.00E+00	4.65E-08	6.05E-07	7.01E-03	1.80E-04	4.62E-03	0.00E+00	3.46E-01	8.52E-08	3.46E-01	3.92E-01	4.62E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-01
FL73SP	1.01E-02	4.53E-03	8.40E-01	3.66E-02	0.00E+00	0.00E+00	5.22E-01	5.00E-05	4.81E-03	3.00E-02	0.00E+00	8.83E-02	3.99E-07	1.17E-08	5.51E-01	9.65E-03	3.16E-01	2.05E-02	6.43E-03	1.52E-03	3.46E-01	0.00E+00	4.65E-08	6.05E-07	7.01E-03	1.80E-04	4.62E-03	0.00E+00	3.46E-01	8.52E-08	3.46E-01	3.92E-01	4.62E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-01
FL74SPX01	7.93E-03	3.56E-03	9.56E-01	2.90E-02	0.00E+00	0.00E+00	4.08E-01	3.91E-05	3.78E-03	2.35E-02	0.00E+00	6.90E-02	3.12E-07	9.14E-09	4.33E-01	7.54E-03	2.51E-01	2.05E-02	5.05E-03	1.19E-02	2.71E-01	0.00E+00	3.64E-08	4.74E-08	5.48E-03	1.41E-04	3.62E-03	0.00E+00	2.71E-01	6.68E-08	2.71E-01	3.07E-01	3.62E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-01
FP03SN2	7.20E-03	3.22E-03	9.58E-01	2.62E-02	0.00E+00	0.00E+00	3.72E-01	3.55E-05	3.43E-03	2.13E-02	0.00E+00	6.29E-02	2.94E-07	8.32E-09	3.96E-01	6.97E-03	2.22E-01	1.67E-02	4.55E-03	1.06E-03	2.46E-01	0.00E+00	3.37E-08	4.30E-08	5.00E-03	1.38E-04	3.28E-03	0.00E+00	2.46E-01	6.05E-08	2.46E-01	2.97E-01	3.28E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-01
FP04SN2	8.89E-03	3.97E-03	7.39E-01	3.22E-02	0.00E+00	0.00E+00	4.60E-01	4.30E-05	4.22E-03	2.64E-02	0.00E+00	7.77E-02	3.51E-07	1.03E-09	4.81E-01	8.49E-03	2.72E-01	1.07E-02	5.61E-03	1.32E-03	3.03E-01	0.00E+00	4.95E-08	5.91E-08	6.16E-03	1.58E-04	4.05E-03	0.00E+00	3.03E-01	7.47E-08	3.03E-01	3.44E-01	4.05E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-01
FP05SN2	1.06E-02	4.72E-03	8.81E-01	3.84E-02	0.00E+00	0.00E+00	5.47E-01	5.22E-05	5.04E-03	3.14E-02	0.00E+00	9.24E-02	4.18E-07	1.22E-09	5.71E-01	1.01E-02	3.22E-01	1.07E-02	6.66E-03	1.57E-03	3.61E-01	0.00E+00	4.87E-08	6.32E-08	7.33E-03	1.88E-04	4.82E-03	0.00E+00	3.61E-01	8.88E-08	3.61E-01	4.09E-01	4.82E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-01
FP221TN2	8.57E-03	2.91E-03	9.49E-01	2.37E-02	0.00E+00	0.00E+00	3.41E-01	3.24E-05	3.14E-03	1.94E-02	0.00E+00	5.78E-02	2.61E-07	7.62E-09	3.52E-01	6.69E-03	1.94E-01	1.32E-02	4.10E-03	9.66E-01	2.24E-01	0.00E+00	3.02E-08	3.92E-08	4.58E-03	1.15E-04	2.99E-03	0.00E+00	2.24E-01	5.25E-08	2.24E-01	2.54E-01	2.99E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-01
FP23SN2	1.06E-02	3.84E-03	7.81E-01	3.14E-02	0.00E+00	0.00E+00	4.23E-01	4.23E-05	4.11E-03	2.56E-02	0.00E+00	7.54E-02	3.41E-07	9.98E-09	4.60E-01	8.25E-03	2.62E-01	1.32E-02	6.61E-03	1.52E-03	2.94E-01	0.00E+00	3.97E-08	5.15E-08	5.66E-03	1.58E-04	3.90E-03	0.00E+00	2.94E-01	7.24E-08	2.94E-01	3.34E-01	3.90E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-01
FP231TN2	8.81E-03	3.82E-03	7.79E-01	3.12E-02	0.00E+00	0.00E+00	4.44E-01	4.24E-05	4.11E-03	2.55E-02	0.00E+00	7.53E-02	3.41E-07	9.98E-09	4.61E-01	8.26E-03	2.55E-01	1.21E-02	5.38E-03	1.27E-03	2.94E-01	0.00E+00	3.97E-08	5.14E-08	5.67E-03	1.52E-04	3.92E-03	0.00E+00	2.94E-01	7.20E-08	2.94E-01	3.33E-01	3.92E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-01
FP241N	1.06E-02	4.71E-03	8.87E-01	3.82E-02	0.00E+00	0.00E+00	5.51E-01	5.24E-05	5.07E-03	3.15E-02	0.00E+00	9.32E-02	4.22E-07	1.23E-09	5.69E-01	1.02E-02	3.14E-01	0.00E+00	6.64E-03	1.57E-03	3.63E-01	0.00E+00	4.86E-08	6.34E-08	7.37E-03	1.88E-04	4.84E-03	0.00E+00	3.63E-01	8.99E-08	3.63E-01	4.11E-01	4.84E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-01
FP24SN2	1.07E-02	4.73E-03	8.89E-01	3.86E-02	0.00E+00	0.00E+00	5.52E-01	5.25E-05	5.08E-03	3.16E-02	0.00E+00	9.34E-02	4.22E-07	1.23E-09	5.71E-01	1.02E-02	3.22E-01	0.00E+00	6.72E-03	1.58E-03	3.64E-01	0.00E+00	4.91E-08	6.37E-08	7.39E-03	1.88E-04	4.86E-03	0.00E+00	3.64E-01	8.95E-08	3.64E-01	4.12E-01	4.86E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-01
FP241TN2	1.07E-02	4.73E-03	8.89E-01	3.86E-02	0.00E+00	0.00E+00	5.52E-01	5.25E-05	5.08E-03	3.16E-02	0.00E+00	9.34E-02	4.22E-07	1.23E-09	5.71E-01	1.02E-02	3.15E-01	0.00E+00	6.80E-03	1.57E-03	3.64E-01	0.00E+00	4.91E-08	6.37E-08	7.39E-03	1.88E-04	4.86E-03	0.00E+00	3.64E-01	8.95E-08	3.64E-01	4.12E-01	4.86E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-01
FP251TN2	1.27E-02	5.87E-03	1.05E-01	4.81E-02	0.00E+00	0.00E+00	6.58E-01	6.28E-05	6.08E-03	3.77E-02	0.00E+00	1.11E-01	5.03E-07	1.47E-09	6.86E-01	1.22E-02	3.85E-01	0.00E+00	8.00E-03	1.89E-03	4.34E-01	0.00E+00	5.86E-08	7.60E-08	8.92E-03	2.26E-04	5.80E-03	0.00E+00	4.34E-01	1.07E-07	4.34E-01	4.92E-01	5.80E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-01
FP42QT	2.90E-03	1.31E-03	2.38E-01	1.07E-02	0.00E+00	0.00E+00	1.46E-01	1.43E-05	1.37E-03	8.57E-03	0.00E+00	2.51E-02	1.13E-07	3.33E-09	1.59E-01	2.74E-02	9.42E-02	1.07E-02	1.86E-03	4.41E-01	9.69E-03	0.00E+00	1.32E-08	1.73E-08	2.02E-03	5.19E-05	1.32E-03	0.00E+00	9.69E-03	2.42E-08	9.69E-03	1.12E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	8.06E-02
FP62QS	3.77E-03	1.69E-03	3.12E-01	1.38E-02	0.00E+00	0.00E+00	1.94E-01	1.86E-05	1.79E-03	1.12E-02	0.00E+00	3.26E-02	1.48E-07	4.34E-09	2.08E-01	3.96E-03	1.20E-01	1.07E-02	2.41E-03	5.69E-01	1.29E-01	0.00E+00	1.73E-08	2.23E-08	2.61E-03	6.78E-05	1.72E-03	0.00E+00	1.29E-01	3.18E-08	1.29E-01	1.46E-01	1.72E-03	0.00E+			

FR62E	8.35e-03	3.70e-00	6.97e-01	3.00e-00	0.00e+00	0.00e+00	4.33e-01	4.11e-00	3.98e-03	2.48e-02	0.00e+00	7.33e-02	3.31e-01	8.86e-00	4.47e-01	8.01e-00	2.47e-01	0.00e+00	5.21e-03	1.23e-00	2.89e-01	0.00e+00	3.85e-00	4.98e-00	5.79e-03	1.48e-04	3.80e-00	0.00e+00	2.89e-01	6.99e-00	2.85e-01	3.33e-01	3.80e-00	0.00e+00	0.00e+00	0.00e+00	2.24e-01
FR63E	1.09e-02	4.82e-00	9.38e-01	3.91e-00	0.00e+00	0.00e+00	5.64e-01	5.39e-00	5.19e-03	3.22e-02	0.00e+00	9.33e-02	4.31e-01	1.29e-00	5.82e-01	1.04e-00	3.21e-01	0.00e+00	8.79e-03	1.80e-00	3.71e-01	0.00e+00	5.01e-00	6.49e-00	7.54e-03	1.62e-04	4.99e-00	0.00e+00	3.71e-01	9.19e-00	3.71e-01	4.20e-01	4.95e-00	0.00e+00	0.00e+00	0.00e+00	2.81e-01
FR72E	8.88e-03	3.89e-00	7.25e-01	3.14e-00	0.00e+00	0.00e+00	4.50e-01	4.28e-00	4.14e-03	2.58e-02	0.00e+00	7.81e-02	3.44e-01	1.01e-00	4.65e-01	8.34e-00	2.97e-01	0.00e+00	5.42e-03	1.28e-00	2.98e-01	0.00e+00	4.00e-00	5.18e-00	6.02e-03	1.54e-04	3.99e-00	0.00e+00	2.98e-01	7.28e-00	2.98e-01	3.36e-01	3.95e-00	0.00e+00	0.00e+00	0.00e+00	2.33e-01
FR73E	1.09e-02	4.82e-00	9.38e-01	3.91e-00	0.00e+00	0.00e+00	5.64e-01	5.39e-00	5.19e-03	3.22e-02	0.00e+00	9.33e-02	4.31e-01	1.29e-00	5.82e-01	1.04e-00	3.21e-01	0.00e+00	8.79e-03	1.80e-00	3.71e-01	0.00e+00	5.01e-00	6.49e-00	7.54e-03	1.62e-04	4.99e-00	0.00e+00	3.71e-01	9.19e-00	3.71e-01	4.20e-01	4.95e-00	0.00e+00	0.00e+00	0.00e+00	2.81e-01
FR74E	1.36e-02	5.99e-00	1.13e-00	4.88e-00	0.00e+00	0.00e+00	6.66e-01	6.68e-00	6.44e-03	4.01e-02	0.00e+00	1.18e-01	5.89e-01	1.57e-00	7.23e-01	1.30e-00	3.91e-01	0.00e+00	8.79e-03	1.80e-00	3.71e-01	0.00e+00	5.01e-00	6.49e-00	7.54e-03	1.62e-04	4.99e-00	0.00e+00	3.71e-01	9.19e-00	3.71e-01	4.20e-01	4.95e-00	0.00e+00	0.00e+00	0.00e+00	2.81e-01
FR75E	1.33e-02	6.77e-00	1.27e-00	5.49e-00	0.00e+00	0.00e+00	7.91e-01	7.52e-00	7.28e-03	4.53e-02	0.00e+00	1.34e-01	6.95e-01	1.77e-00	8.17e-01	1.46e-00	4.51e-01	0.00e+00	9.33e-03	2.25e-00	5.21e-01	0.00e+00	7.94e-00	9.11e-00	1.06e-02	2.70e-04	6.99e-00	0.00e+00	5.21e-01	1.28e-01	5.21e-01	5.90e-01	6.99e-00	0.00e+00	0.00e+00	4.09e-01	
FR83E	1.09e-02	4.81e-00	9.37e-01	3.91e-00	0.00e+00	0.00e+00	5.63e-01	5.36e-00	5.18e-03	3.22e-02	0.00e+00	9.32e-02	4.31e-01	1.29e-00	5.81e-01	1.04e-00	3.21e-01	0.00e+00	8.78e-03	1.80e-00	3.70e-01	0.00e+00	5.01e-00	6.48e-00	7.53e-03	1.62e-04	4.94e-00	0.00e+00	3.70e-01	9.09e-00	3.70e-01	4.20e-01	4.94e-00	0.00e+00	0.00e+00	0.00e+00	2.91e-01
FR84E	1.16e-02	6.02e-00	1.30e-00	5.62e-00	0.00e+00	0.00e+00	8.02e-01	7.89e-00	7.45e-03	4.83e-02	0.00e+00	1.37e-01	6.19e-01	1.81e-00	8.36e-01	1.57e-00	4.51e-01	0.00e+00	9.74e-03	2.30e-00	5.34e-01	0.00e+00	7.19e-00	8.32e-00	1.08e-02	2.78e-04	7.10e-00	0.00e+00	5.33e-01	1.31e-01	5.32e-01	6.02e-01	7.10e-00	0.00e+00	0.00e+00	4.18e-01	
FR85E	1.24e-02	7.19e-00	1.46e-00	6.58e-00	0.00e+00	0.00e+00	9.25e-01	8.58e-00	8.30e-03	5.18e-02	0.00e+00	1.51e-01	6.95e-01	2.02e-00	9.39e-01	1.67e-00	4.81e-01	0.00e+00	1.04e-02	2.97e-00	5.99e-01	0.00e+00	8.48e-00	9.94e-00	1.14e-02	3.08e-04	7.90e-00	0.00e+00	5.94e-01	1.45e-01	5.94e-01	6.78e-01	7.90e-00	0.00e+00	0.00e+00	4.86e-01	
FR92E	1.01e-02	4.30e-00	8.47e-01	3.69e-00	0.00e+00	0.00e+00	5.28e-01	5.00e-00	4.84e-03	3.01e-02	0.00e+00	8.90e-02	4.03e-01	1.18e-00	5.44e-01	9.74e-00	3.00e-01	0.00e+00	8.34e-03	1.90e-00	3.48e-01	0.00e+00	4.88e-00	6.09e-00	7.04e-03	1.80e-04	4.82e-00	0.00e+00	3.48e-01	8.49e-00	3.92e-01	4.82e-00	0.00e+00	0.00e+00	0.00e+00	2.72e-01	
FR92S	1.01e-02	4.49e-00	8.45e-01	3.84e-00	0.00e+00	0.00e+00	5.25e-01	4.99e-00	4.83e-03	3.00e-02	0.00e+00	8.97e-02	4.01e-01	1.17e-00	5.42e-01	9.71e-00	2.99e-01	0.00e+00	8.32e-03	1.84e-00	3.48e-01	0.00e+00	4.87e-00	6.04e-00	7.02e-03	1.79e-04	4.81e-00	0.00e+00	3.48e-01	8.47e-00	3.91e-01	4.81e-00	0.00e+00	0.00e+00	0.00e+00	2.71e-01	
FR93E	1.27e-02	5.84e-00	1.08e-00	4.94e-00	0.00e+00	0.00e+00	6.99e-01	6.27e-00	6.07e-03	3.77e-02	0.00e+00	1.11e-01	5.94e-01	1.47e-00	6.81e-01	1.22e-02	3.78e-01	0.00e+00	7.94e-03	1.87e-00	4.14e-01	0.00e+00	5.86e-00	7.39e-00	8.81e-03	2.23e-04	5.79e-00	0.00e+00	4.34e-01	1.08e-01	4.34e-01	4.91e-01	5.79e-00	0.00e+00	0.00e+00	3.41e-01	
FR93G	1.27e-02	5.99e-00	1.08e-00	5.09e-00	0.00e+00	0.00e+00	7.29e-01	6.53e-00	6.05e-03	3.82e-02	0.00e+00	1.17e-01	6.11e-01	1.50e-00	7.05e-01	1.22e-02	3.93e-01	0.00e+00	1.12e-02	2.94e-00	4.14e-01	0.00e+00	6.26e-00	7.67e-00	1.24e-02	3.17e-04	6.16e-00	0.00e+00	4.11e-01	1.08e-01	6.11e-01	6.93e-01	8.16e-00	0.00e+00	0.00e+00	4.80e-01	
FR93S	1.27e-02	6.02e-00	1.09e-00	5.14e-00	0.00e+00	0.00e+00	7.37e-01	6.56e-00	6.05e-03	3.76e-02	0.00e+00	1.18e-01	6.13e-01	1.51e-00	7.07e-01	1.22e-02	3.95e-01	0.00e+00	1.12e-02	3.00e-00	4.14e-01	0.00e+00	6.26e-00	7.70e-00	1.24e-02	3.17e-04	6.16e-00	0.00e+00	4.11e-01	1.08e-01	6.11e-01	6.93e-01	8.16e-00	0.00e+00	0.00e+00	4.80e-01	
FR94E	1.57e-02	6.95e-00	1.31e-00	5.64e-00	0.00e+00	0.00e+00	8.13e-01	7.72e-00	7.48e-03	4.65e-02	0.00e+00	1.37e-01	6.22e-01	1.62e-00	8.39e-01	1.50e-02	4.65e-01	0.00e+00	9.79e-03	2.31e-00	5.99e-01	0.00e+00	7.22e-00	8.99e-00	1.09e-02	2.77e-04	7.13e-00	0.00e+00	5.99e-01	1.31e-01	5.99e-01	6.99e-01	7.13e-00	0.00e+00	0.00e+00	4.20e-01	
FR94S	1.56e-02	6.90e-00	1.30e-00	5.60e-00	0.00e+00	0.00e+00	8.07e-01	7.67e-00	7.43e-03	4.62e-02	0.00e+00	1.36e-01	6.17e-01	1.60e-00	8.33e-01	1.49e-02	4.60e-01	0.00e+00	9.72e-03	2.29e-00	5.91e-01	0.00e+00	7.18e-00	8.92e-00	1.08e-02	2.76e-04	7.08e-00	0.00e+00	5.91e-01	1.30e-01	5.91e-01	6.92e-01	7.08e-00	0.00e+00	0.00e+00	4.17e-01	
FR95E	1.78e-02	7.77e-00	1.46e-00	6.30e-00	0.00e+00	0.00e+00	9.08e-01	8.63e-00	8.36e-03	5.19e-02	0.00e+00	1.54e-01	6.99e-01	2.03e-00	9.38e-01	1.68e-02	5.18e-01	0.00e+00	1.09e-02	2.98e-00	5.97e-01	0.00e+00	8.08e-00	1.02e-01	1.21e-02	3.11e-04	7.97e-00	0.00e+00	5.97e-01	1.47e-01	5.97e-01	6.77e-01	7.97e-00	0.00e+00	0.00e+00	4.70e-01	
FR95S	1.78e-02	7.79e-00	1.46e-00	6.32e-00	0.00e+00	0.00e+00	9.10e-01	8.65e-00	8.36e-03	5.21e-02	0.00e+00	1.54e-01	6.99e-01	2.03e-00	9.40e-01	1.68e-02	5.19e-01	0.00e+00	1.09e-02	2.98e-00	5.99e-01	0.00e+00	8.08e-00	1.02e-01	1.21e-02	3.11e-04	7.99e-00	0.00e+00	5.99e-01	1.47e-01	5.99e-01	6.77e-01	7.99e-00	0.00e+00	0.00e+00	4.70e-01	
FW324FT	8.40e-03	2.89e-00	5.33e-01	2.32e-00	0.00e+00	0.00e+00	3.31e-01	3.16e-00	3.05e-03	1.90e-02	0.00e+00	5.80e-02	2.53e-01	7.49e-00	3.45e-01	6.12e-00	1.94e-01	0.00e+00	4.02e-03	9.91e-01	2.18e-01	0.00e+00	2.95e-00	3.82e-00	4.43e-03	1.14e-04	2.91e-00	0.00e+00	2.18e-01	5.37e-00	2.18e-01	2.47e-01	2.91e-00	0.00e+00	0.00e+00	0.00e+00	1.73e-01
FW324WT	4.95e-03	2.00e-00	3.78e-01	1.82e-00	0.00e+00	0.00e+00	2.33e-01	2.25e-00	2.15e-03	1.33e-02	0.00e+00	3.94e-02	1.79e-01	5.22e-00	2.41e-01	4.32e-00	1.33e-01	4.51e-04	2.81e-03	6.64e-01	1.94e-01	0.00e+00	2.07e-00	2.89e-00	3.12e-03	7.99e-05	2.05e-00	0.00e+00	1.94e-01	3.77e-00	1.94e-01	1.74e-01	2.05e-00	0.00e+00	0.00e+00	0.00e+00	1.21e-01
FW424FT	7.05e-03	3.14e-00	5.87e-01	2.95e-00	0.00e+00	0.00e+00	3.65e-01	3.48e-00	3.36e-03	2.05e-02	0.00e+00	6.17e-02	2.97e-01	8.16e-00	3.78e-01	6.79e-00	2.19e-01	0.00e+00	4.42e-03	1.02e-00	2.41e-01	0.00e+00	3.22e-00	4.21e-00	4.89e-03	1.25e-04	3.21e-00	0.00e+00	2.41e-01	5.91e-00	2.41e-01	2.79e-01	3.21e-00	0.00e+00	0.00e+00	1.90e-01	
FW424WT	5.98e-03	2.92e-00	5.42e-01	2.42e-00	0.00e+00	0.00e+00	3.05e-01	2.91e-00	2.81e-03	1.51e-02	0.00e+00	4.45e-02	2.09e-01	6.99e-00	3.27e-01	4.97e-00	1.91e-01	4.51e-04	3.18e-03	6.83e-01	1.97e-01	0.00e+00	2.99e-00	3.93e-00	4.19e-03	1.09e-04	2.93e-00	0.00e+00	2.93e-01	4.91e-00	2.93e-01	1.97e-01	2.93e-00	0.00e+00	0.00e+00	0.00e+00	1.36e-01
FW436WT	6.89e-03	2.95e-00	5.56e-01	2.42e-00	0.00e+00	0.00e+00	3.45e-01	3.28e-00	3.18e-03	1.88e-02	0.00e+00	5.84e-02	2.84e-01	7.72e-00	3.57e-01	6.39e-00	1.97e-01	4.51e-04	4.18e-03	6.83e-01	2.27e-01	0.00e+00	3.07e-00	3.99e-00	4.82e-03	1.18e-04	3.00e-00	0.00e+00	2.27e-01	5.57e-00	2.27e-01	2.98e-01	3.00e-00	0.00e+00	0.00e+00	1.79e-01	
FW524FT	8.36e-03	3.72e-00	6.99e-01	3.02e-00	0.00e+00	0.00e+00	4.33e-01	4.12e-00	3.99e-03	2.48e-02	0.00e+00	7.32e-02	3.31e-01	8.89e-00	4.69e-01	8.00e-00	2.52e-01	5.69e-03	5.29e-03	1.24e-00	2.85e-01	0.00e+00	3.95e-00	4.99e-00	5.79e-03	1.48e-04	3.81e-00	0.00e+00	2.85e-01	7.01e-00	2.85e-01	3.32e-01	3.81e-00	0.00e+00	0.00e+00	2.26e-01	
FW524WT	9.83e-03	4.39e-00	8.21e-01	3.54e-00	0.00e+00	0.00e+00	5.10e-01	4.89e-00	4.69e-03	2.92e-02	0.00e+00	8.62e-02	3.90e-01	1.14e-00	5.27e-01	9.49e-00	2.91e-01	4.81e-04	6.14e-03	1.45e-00	3.39e-01	0.00e+00	4.53e-00	5.87e-00	6.82e-03	1.74e-04	4.47e-00	0.00e+00	3.39e-01	8.23e-00	3.39e-01	3.80e-01	4.47e-00	0.00e+00	0.00e+00	2.84e-01	
FW536FT	9.48e-03	4.22e-00	7.99e-01	3.43e-00	0.00e+00	0.00e+00	4.81e-01	4.67e-00	4.52e-03	2.81e-02	0.00e+00	8.30e-02	3.75e-																								

Installer A5	FWB27M2	4.16E-03	1.85E-00	3.47E-01	1.55E-00	0.00E+00	0.00E+00	2.18E-01	2.05E-00	1.98E-03	1.23E-02	0.00E+00	3.65E-00	1.65E-03	4.82E-00	2.24E-01	3.96E-03	1.25E-01	2.54E-03	2.61E-03	6.17E-01	1.42E-01	0.00E+00	1.52E-00	2.49E-00	2.89E-03	7.38E-05	1.90E-00	0.00E+00	1.42E-01	3.49E-00	1.42E-01	1.81E-01	1.90E-00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
	FWB27N	4.16E-03	1.85E-00	3.47E-01	1.55E-00	0.00E+00	0.00E+00	2.18E-01	2.05E-00	1.98E-03	1.23E-02	0.00E+00	3.64E-00	1.65E-03	4.82E-00	2.24E-01	3.95E-03	1.25E-01	2.54E-03	2.61E-03	6.17E-01	1.42E-01	0.00E+00	1.52E-00	2.49E-00	2.89E-03	7.38E-05	1.90E-00	0.00E+00	1.42E-01	3.49E-00	1.42E-01	1.81E-01	1.90E-00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
	FWB27S	4.16E-03	1.85E-00	3.47E-01	1.55E-00	0.00E+00	0.00E+00	2.18E-01	2.05E-00	1.98E-03	1.23E-02	0.00E+00	3.64E-00	1.65E-03	4.82E-00	2.24E-01	3.96E-03	1.25E-01	2.54E-03	2.61E-03	6.17E-01	1.42E-01	0.00E+00	1.52E-00	2.49E-00	2.89E-03	7.38E-05	1.90E-00	0.00E+00	1.42E-01	3.49E-00	1.42E-01	1.81E-01	1.90E-00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
	FWB27S	4.16E-03	1.85E-00	3.47E-01	1.51E-00	0.00E+00	0.00E+00	2.18E-01	2.05E-00	1.98E-03	1.23E-02	0.00E+00	3.65E-00	1.65E-03	4.82E-00	2.24E-01	3.96E-03	1.25E-01	2.54E-03	2.61E-03	6.17E-01	1.42E-01	0.00E+00	1.52E-00	2.49E-00	2.89E-03	7.38E-05	1.90E-00	0.00E+00	1.42E-01	3.49E-00	1.42E-01	1.81E-01	1.90E-00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
	FWB27N	5.45E-03	2.41E-00	4.55E-01	1.96E-00	0.00E+00	0.00E+00	2.86E-01	2.68E-00	2.59E-03	1.64E-02	0.00E+00	4.76E-00	2.15E-03	6.29E-02	2.94E-01	5.20E-03	1.63E-01	2.54E-03	3.64E-03	6.04E-01	1.89E-01	0.00E+00	2.51E-00	3.25E-00	3.78E-03	9.65E-05	2.48E-00	0.00E+00	1.88E-01	4.37E-00	1.88E-01	2.10E-01	2.47E-00	0.00E+00	0.00E+00	0.00E+00	1.47E-01
	FWB27N3	5.45E-03	2.42E-00	4.54E-01	1.97E-00	0.00E+00	0.00E+00	2.82E-01	2.69E-00	2.60E-03	1.62E-02	0.00E+00	4.77E-00	2.16E-03	6.31E-02	2.93E-01	5.22E-03	1.63E-01	2.54E-03	3.64E-03	6.07E-01	1.88E-01	0.00E+00	2.51E-00	3.25E-00	3.78E-03	9.65E-05	2.48E-00	0.00E+00	1.88E-01	4.37E-00	1.88E-01	2.10E-01	2.48E-00	0.00E+00	0.00E+00	0.00E+00	1.47E-01
	FWB27N3	5.45E-03	2.42E-00	4.54E-01	1.97E-00	0.00E+00	0.00E+00	2.82E-01	2.69E-00	2.60E-03	1.62E-02	0.00E+00	4.77E-00	2.16E-03	6.31E-02	2.93E-01	5.22E-03	1.63E-01	2.54E-03	3.64E-03	6.07E-01	1.88E-01	0.00E+00	2.51E-00	3.25E-00	3.78E-03	9.65E-05	2.48E-00	0.00E+00	1.88E-01	4.37E-00	1.88E-01	2.10E-01	2.48E-00	0.00E+00	0.00E+00	0.00E+00	1.47E-01
	FWB74N	6.71E-03	2.99E-00	5.05E-01	2.42E-00	0.00E+00	0.00E+00	3.48E-01	3.31E-00	3.20E-03	1.99E-02	0.00E+00	5.88E-00	2.89E-03	7.77E-02	3.08E-01	6.45E-03	2.00E-01	2.54E-03	4.20E-03	9.93E-01	2.29E-01	0.00E+00	3.06E-00	4.91E-00	4.85E-03	1.19E-04	3.08E-00	0.00E+00	2.29E-01	5.02E-00	2.29E-01	2.99E-01	3.20E-00	0.00E+00	0.00E+00	0.00E+00	1.80E-01
	FWB74N3	6.74E-03	2.99E-00	5.02E-01	2.43E-00	0.00E+00	0.00E+00	3.49E-01	3.32E-00	3.21E-03	2.00E-02	0.00E+00	5.90E-00	2.87E-03	7.81E-02	3.02E-01	6.46E-03	2.01E-01	2.54E-03	4.22E-03	9.97E-01	2.30E-01	0.00E+00	3.11E-00	4.92E-00	4.87E-03	1.19E-04	3.07E-00	0.00E+00	2.30E-01	5.05E-00	2.30E-01	2.99E-01	3.07E-00	0.00E+00	0.00E+00	0.00E+00	1.81E-01
	FWB74S	6.74E-03	2.99E-00	5.02E-01	2.43E-00	0.00E+00	0.00E+00	3.49E-01	3.32E-00	3.21E-03	2.00E-02	0.00E+00	5.90E-00	2.87E-03	7.81E-02	3.02E-01	6.46E-03	2.01E-01	2.54E-03	4.22E-03	9.97E-01	2.30E-01	0.00E+00	3.11E-00	4.92E-00	4.87E-03	1.19E-04	3.07E-00	0.00E+00	2.30E-01	5.05E-00	2.30E-01	2.99E-01	3.07E-00	0.00E+00	0.00E+00	0.00E+00	1.81E-01
	FWB81D1	3.17E-03	1.41E-00	2.64E-01	1.19E-00	0.00E+00	0.00E+00	1.64E-01	1.58E-00	1.51E-03	9.41E-03	0.00E+00	2.78E-02	1.28E-03	3.87E-00	1.71E-01	3.04E-03	9.98E-02	2.41E-03	1.99E-03	4.71E-01	1.08E-01	0.00E+00	1.46E-00	1.90E-00	2.20E-03	6.63E-05	1.57E-00	0.00E+00	1.08E-01	2.69E-00	1.08E-01	1.23E-01	1.49E-00	0.00E+00	0.00E+00	0.00E+00	8.96E-02
	FWB81S	3.18E-03	1.42E-00	2.65E-01	1.19E-00	0.00E+00	0.00E+00	1.65E-01	1.57E-00	1.52E-03	9.43E-03	0.00E+00	2.78E-02	1.28E-03	3.88E-00	1.71E-01	3.04E-03	9.98E-02	2.41E-03	1.99E-03	4.72E-01	1.09E-01	0.00E+00	1.46E-00	1.90E-00	2.20E-03	6.64E-05	1.57E-00	0.00E+00	1.09E-01	2.67E-00	1.09E-01	1.23E-01	1.49E-00	0.00E+00	0.00E+00	0.00E+00	8.96E-02
	FWQ32P1	2.42E-03	1.08E-00	2.01E-01	8.76E-01	0.00E+00	0.00E+00	1.25E-01	1.19E-00	1.15E-03	7.17E-03	0.00E+00	2.12E-02	9.95E-04	2.80E-00	1.31E-01	2.31E-03	7.35E-02	2.41E-03	1.52E-03	3.63E-01	8.82E-00	0.00E+00	1.11E-00	1.43E-00	1.68E-03	4.29E-05	1.10E-00	0.00E+00	8.23E-00	2.03E-00	8.23E-00	9.96E-00	1.10E-00	0.00E+00	0.00E+00	0.00E+00	6.54E-02
	FWQ41P	1.96E-03	8.82E-01	1.68E-01	7.24E-01	0.00E+00	0.00E+00	1.03E-01	9.93E-00	9.40E-04	5.91E-03	0.00E+00	1.74E-02	7.87E-08	2.32E-00	1.08E-01	1.90E-03	6.10E-02	2.54E-03	1.28E-03	2.97E-01	6.80E-00	0.00E+00	0.97E-00	1.19E-00	1.38E-03	3.54E-05	0.80E-01	0.00E+00	6.80E-00	1.67E-00	6.82E-00	7.71E-00	3.05E-01	0.00E+00	0.00E+00	0.00E+00	8.45E-02
	FWQ42P1	2.86E-03	1.47E-00	2.38E-01	1.03E-00	0.00E+00	0.00E+00	1.48E-01	1.41E-00	1.38E-03	8.47E-03	0.00E+00	2.59E-02	1.19E-03	3.31E-00	2.01E-01	2.79E-03	8.84E-02	2.41E-03	1.83E-03	4.34E-01	9.79E-00	0.00E+00	1.32E-00	1.71E-00	1.98E-03	5.07E-05	1.30E-00	0.00E+00	9.79E-00	2.40E-00	9.79E-00	1.11E-00	1.30E-00	0.00E+00	0.00E+00	0.00E+00	7.71E-02
	FWQ43P	3.72E-03	1.99E-00	3.19E-01	1.35E-00	0.00E+00	0.00E+00	1.93E-01	1.84E-00	1.77E-03	1.10E-02	0.00E+00	3.25E-02	1.47E-03	4.31E-00	2.05E-01	3.95E-03	1.10E-01	2.54E-03	2.54E-03	5.52E-01	1.27E-01	0.00E+00	1.71E-00	2.22E-00	2.95E-03	6.69E-05	1.70E-00	0.00E+00	1.27E-01	3.12E-00	1.27E-01	1.44E-01	1.70E-00	0.00E+00	0.00E+00	0.00E+00	1.00E-01
	FWQ44P	4.06E-03	2.24E-00	3.83E-01	1.66E-00	0.00E+00	0.00E+00	2.38E-01	2.27E-00	2.19E-03	1.36E-02	0.00E+00	4.02E-02	1.80E-03	5.32E-00	2.47E-01	4.46E-03	1.38E-01	2.54E-03	2.88E-03	6.81E-01	1.97E-01	0.00E+00	2.12E-00	2.75E-00	3.19E-03	8.15E-05	2.06E-00	0.00E+00	1.97E-01	3.85E-00	1.97E-01	1.78E-01	2.09E-00	0.00E+00	0.00E+00	0.00E+00	1.24E-01
	FWQ51P	2.33E-03	1.02E-00	1.91E-01	8.33E-01	0.00E+00	0.00E+00	1.19E-01	1.13E-00	1.09E-03	6.81E-03	0.00E+00	2.01E-02	9.08E-04	2.66E-00	1.24E-01	2.20E-03	7.00E-02	2.54E-03	1.45E-03	3.42E-01	7.94E-00	0.00E+00	1.06E-00	1.37E-00	1.60E-03	4.69E-05	1.05E-00	0.00E+00	7.94E-00	1.93E-00	7.94E-00	8.86E-00	1.05E-00	0.00E+00	0.00E+00	0.00E+00	6.22E-02
	FWQ52P	3.30E-03	1.47E-00	2.75E-01	1.26E-00	0.00E+00	0.00E+00	1.71E-01	1.63E-00	1.58E-03	9.81E-03	0.00E+00	2.86E-02	1.31E-03	3.83E-00	1.78E-01	3.16E-03	9.85E-02	2.54E-03	2.08E-03	4.91E-01	1.19E-01	0.00E+00	1.58E-00	2.20E-00	3.67E-03	1.50E-05	1.50E-00	0.00E+00	1.13E-01	2.73E-00	1.13E-01	1.59E-01	1.91E-00	0.00E+00	0.00E+00	0.00E+00	8.22E-02
	FWQ52P1	3.31E-03	1.47E-00	2.75E-01	1.26E-00	0.00E+00	0.00E+00	1.71E-01	1.63E-00	1.58E-03	9.81E-03	0.00E+00	2.86E-02	1.31E-03	3.83E-00	1.78E-01	3.16E-03	9.87E-02	2.54E-03	2.08E-03	4.91E-01	1.19E-01	0.00E+00	1.52E-00	2.20E-00	3.67E-03	1.50E-05	1.50E-00	0.00E+00	1.13E-01	2.73E-00	1.13E-01	1.59E-01	1.91E-00	0.00E+00	0.00E+00	0.00E+00	8.22E-02
	FWQ53P	4.31E-03	1.92E-00	3.59E-01	1.56E-00	0.00E+00	0.00E+00	2.23E-01	2.12E-00	2.05E-03	1.28E-02	0.00E+00	3.77E-02	1.70E-03	4.99E-00	2.32E-01	4.12E-03	1.39E-01	2.54E-03	2.76E-03	6.38E-01	1.47E-01	0.00E+00	1.98E-00	2.97E-00	2.98E-03	7.63E-05	1.98E-00	0.00E+00	1.47E-01	3.61E-00	1.47E-01	1.87E-01	1.98E-00	0.00E+00	0.00E+00	0.00E+00	1.18E-01
	FWQ54P	5.73E-03	2.38E-00	4.43E-01	1.92E-00	0.00E+00	0.00E+00	2.75E-01	2.62E-00	2.53E-03	1.58E-02	0.00E+00	4.83E-02	2.10E-03	6.18E-00	2.82E-01	5.09E-03	1.59E-01	2.54E-03	3.39E-03	7.87E-01	1.81E-01	0.00E+00	2.42E-00	3.17E-00	3.88E-03	9.42E-05	2.42E-00	0.00E+00	1.81E-01	4.45E-00	1.81E-01	2.09E-01	2.42E-00	0.00E+00	0.00E+00	0.00E+00	1.43E-01
	FWQ62P	3.76E-03	1.67E-00	3.28E-01	1.32E-00	0.00E+00	0.00E+00	1.60E-01	1.56E-00	1.53E-03	9.11E-03	0.00E+00	2.59E-02	1.48E-03	1.34E-00	2.02E-01	4.83E-03	1.19E-01	2.54E-03	3.16E-03	7.47E-01	1.72E-01	0.00E+00	3.32E-00	3.07E-00	3.50E-03	8.84E-05	1.70E-00	0.00E+00	1.72E-01	4.23E-00	1.72E-01	1.95E-01	2.30E-00	0.00E+00	0.00E+00	0.00E+00	1.36E-01
	FWQ63P	5.04E-03	2.24E-00	4.20E-01	1.82E-00	0.00E+00	0.00E+00	2.61E-01	2.49E-00	2.40E-03	1.50E-02	0.00E+00	4.42E-02	2.00E-03	5.84E-00	2.71E-01	4.83E-03	1.51E-01	2.54E-03	3.16E-03	7.47E-01	1.72E-01	0.00E+00	3.32E-00	3.07E-00	3.50E-03	8.84E-05	1.70E-00	0.00E+00	1.72E-01	4.23E-00	1.72E-01	1.95E-01	2.30E-00	0.00E+00	0.00E+00	0.00E+00	1.36E-01
	FWQ64P	6.74E-03	2.77E-00	5.20E-01	2.28E-00	0.00E+00	0.00E+00	3.23E-01	3.07E-00	2.97E-03	1.85E-02	0.00E+00	5.86E-02	2.47E-03	7.22E-00	3.38E-01	5.97E-03	1.86E-01	2.54E-03	3.91E-03	9.22E-01	2.13E-01	0.00E+00	2.87E-00	3.72E-00	4.32E-03	1.19E-04	2.84E-00	0.00E+00	2.13E-01	5.22E-00	2.13E-01	2.41E-01	2.84E-0				

FWU73N	8.96e-03	3.99e-00	7.50e-01	3.24e-00	0.00e+00	0.00e+00	4.66e-01	4.43e-00	4.29e-03	2.87e-02	0.00e+00	7.88e-02	3.56e-01	1.64e-08	4.83e-01	8.62e-02	2.68e-01	2.87e-03	5.63e-03	1.33e-00	3.07e+01	0.00e+00	4.14e-08	5.37e-08	6.23e-03	1.56e-04	4.09e-00	0.00e+00	3.07e+01	7.53e-00	3.07e+01	3.48e-01	4.09e-00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	3.42e-01
FWU73S	9.02e-03	4.01e-00	7.52e-01	3.25e-00	0.00e+00	0.00e+00	4.67e-01	4.45e-00	4.30e-03	2.88e-02	0.00e+00	7.90e-02	3.57e-01	1.64e-08	4.84e-01	8.64e-02	2.69e-01	2.87e-03	5.65e-03	1.33e-00	3.08e+01	0.00e+00	4.15e-08	5.39e-08	6.25e-03	1.60e-04	4.11e-00	0.00e+00	3.08e+01	7.55e-00	3.08e+01	3.49e-01	4.11e-00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	3.43e-01
FWU73S1	9.00e-03	4.01e-00	7.52e-01	3.25e-00	0.00e+00	0.00e+00	4.67e-01	4.45e-00	4.30e-03	2.88e-02	0.00e+00	7.90e-02	3.57e-01	1.64e-08	4.84e-01	8.64e-02	2.69e-01	2.87e-03	5.65e-03	1.33e-00	3.08e+01	0.00e+00	4.15e-08	5.39e-08	6.25e-03	1.60e-04	4.11e-00	0.00e+00	3.08e+01	7.55e-00	3.08e+01	3.49e-01	4.11e-00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	3.43e-01
FZ005N	2.26e-02	1.19e-00	2.17e-01	9.36e-01	0.00e+00	0.00e+00	1.35e-01	1.26e-00	1.24e-03	1.72e-03	0.00e+00	2.28e-02	1.03e-01	3.91e-09	1.28e-01	2.49e-02	7.09e-02	1.62e-03	8.83e-03	8.87e+00	0.00e+00	1.20e-08	1.55e-08	1.80e-03	4.26e-05	1.18e+00	0.00e+00	8.87e+00	2.18e-00	8.87e+00	1.01e+01	1.18e+00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	6.87e-02
FZ006N	2.26e-02	1.19e-00	2.17e-01	9.36e-01	0.00e+00	0.00e+00	1.35e-01	1.26e-00	1.24e-03	1.72e-03	0.00e+00	2.28e-02	1.03e-01	3.91e-09	1.28e-01	2.49e-02	7.09e-02	1.62e-03	8.83e-03	8.87e+00	0.00e+00	1.20e-08	1.55e-08	1.80e-03	4.26e-05	1.18e+00	0.00e+00	8.87e+00	2.18e-00	8.87e+00	1.01e+01	1.18e+00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	6.87e-02
FZ010N	3.88e-03	1.63e-00	3.08e-01	1.33e-00	0.00e+00	0.00e+00	1.91e-01	1.82e-00	1.76e-03	1.69e-02	0.00e+00	3.23e-02	1.46e-01	4.27e-09	1.97e-01	3.53e-02	1.09e-01	0.00e+00	3.30e-03	5.43e-01	1.26e+01	0.00e+00	1.70e-08	2.20e-08	2.55e-03	6.52e-05	1.68e+00	0.00e+00	1.26e+01	3.08e-00	1.26e+01	1.42e+01	1.68e+00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	8.86e-02
FZ011N	2.80e-03	1.15e-00	2.17e-01	9.36e-01	0.00e+00	0.00e+00	1.35e-01	1.26e-00	1.24e-03	1.72e-03	0.00e+00	2.28e-02	1.03e-01	3.91e-09	1.28e-01	2.49e-02	7.09e-02	1.62e-03	8.83e-03	8.87e+00	0.00e+00	1.20e-08	1.55e-08	1.80e-03	4.26e-05	1.18e+00	0.00e+00	8.87e+00	2.18e-00	8.87e+00	1.01e+01	1.18e+00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	6.87e-02	
FZ014N	3.88e-03	1.63e-00	3.08e-01	1.33e-00	0.00e+00	0.00e+00	1.91e-01	1.82e-00	1.76e-03	1.69e-02	0.00e+00	3.23e-02	1.46e-01	4.27e-09	1.97e-01	3.53e-02	1.09e-01	0.00e+00	3.30e-03	5.43e-01	1.26e+01	0.00e+00	1.70e-08	2.20e-08	2.55e-03	6.52e-05	1.68e+00	0.00e+00	1.26e+01	3.08e-00	1.26e+01	1.42e+01	1.68e+00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	8.86e-02
FZ021N	2.80e-03	1.15e-00	2.17e-01	9.36e-01	0.00e+00	0.00e+00	1.35e-01	1.26e-00	1.24e-03	1.72e-03	0.00e+00	2.28e-02	1.03e-01	3.91e-09	1.28e-01	2.49e-02	7.09e-02	1.62e-03	8.83e-03	8.87e+00	0.00e+00	1.20e-08	1.55e-08	1.80e-03	4.26e-05	1.18e+00	0.00e+00	8.87e+00	2.18e-00	8.87e+00	1.01e+01	1.18e+00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	6.87e-02	
FZ021N	2.80e-03	1.15e-00	2.17e-01	9.36e-01	0.00e+00	0.00e+00	1.35e-01	1.26e-00	1.24e-03	1.72e-03	0.00e+00	2.28e-02	1.03e-01	3.91e-09	1.28e-01	2.49e-02	7.09e-02	1.62e-03	8.83e-03	8.87e+00	0.00e+00	1.20e-08	1.55e-08	1.80e-03	4.26e-05	1.18e+00	0.00e+00	8.87e+00	2.18e-00	8.87e+00	1.01e+01	1.18e+00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	6.87e-02	
FZ026N	2.80e-03	1.15e-00	2.17e-01	9.36e-01	0.00e+00	0.00e+00	1.35e-01	1.26e-00	1.24e-03	1.72e-03	0.00e+00	2.28e-02	1.03e-01	3.91e-09	1.28e-01	2.49e-02	7.09e-02	1.62e-03	8.83e-03	8.87e+00	0.00e+00	1.20e-08	1.55e-08	1.80e-03	4.26e-05	1.18e+00	0.00e+00	8.87e+00	2.18e-00	8.87e+00	1.01e+01	1.18e+00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	6.87e-02	
FZ402	1.04e-04	4.83e-02	8.73e-03	3.76e-02	0.00e+00	0.00e+00	5.42e-01	5.15e-01	4.99e-05	3.10e-04	0.00e+00	9.18e-04	4.13e-03	1.21e-10	5.60e-03	1.00e-04	3.00e-03	0.00e+00	6.53e-09	1.54e-02	3.57e-01	0.00e+00	8.82e-10	6.24e-10	7.23e-05	1.83e-06	4.78e-02	0.00e+00	3.57e-01	8.73e-01	3.57e-01	4.34e-01	4.78e-02	0.00e+00	0.00e+00	0.00e+00	0.00e+00	2.80e-03
FZ403	1.04e-04	4.78e-02	8.84e-03	3.81e-02	0.00e+00	0.00e+00	5.49e-01	5.22e-01	5.05e-05	3.14e-04	0.00e+00	9.28e-04	4.20e-03	1.23e-10	5.67e-03	1.02e-04	3.14e-03	1.35e-05	6.82e-05	1.58e-02	3.61e-01	0.00e+00	8.81e-10	6.12e-10	7.34e-05	1.87e-06	4.82e-02	0.00e+00	3.61e-01	8.86e-01	3.61e-01	4.09e-01	4.82e-02	0.00e+00	0.00e+00	0.00e+00	0.00e+00	2.84e-03
FZ708D	5.17e-03	2.12e-00	3.99e-01	1.72e-00	0.00e+00	0.00e+00	2.48e-01	2.36e-00	2.28e-03	1.42e-02	0.00e+00	4.19e-02	1.90e-01	5.54e-09	2.98e-01	4.93e-02	1.42e-01	8.20e-04	2.99e-03	7.98e-01	1.63e+01	0.00e+00	2.20e-08	2.80e-08	3.22e-03	8.44e-05	2.18e+00	0.00e+00	1.63e+01	4.00e-00	1.63e+01	1.88e+01	2.18e+00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	1.26e-01
HK1000AB	2.96e-03	1.25e-02	2.31e-03	9.66e-03	0.00e+00	0.00e+00	1.44e-01	1.36e-01	1.32e-05	8.21e-05	0.00e+00	2.43e-04	1.10e-09	3.21e-11	4.82e-04	6.85e-06	8.18e-04	0.00e+00	1.73e-05	4.08e-03	9.44e-02	0.00e+00	1.28e-10	1.69e-10	1.95e-06	4.92e-07	1.26e-02	0.00e+00	9.44e-02	2.35e-01	9.44e-02	1.07e-01	1.26e-02	0.00e+00	0.00e+00	0.00e+00	0.00e+00	1.42e-04
JP002	1.88e-02	1.44e-02	5.93e-04	1.44e-02	0.00e+00	0.00e+00	4.15e-02	9.02e-08	4.99e-08	4.97e-05	0.00e+00	7.93e-08	2.41e-10	1.29e-11	2.31e-03	5.83e-08	3.24e-03	3.39e-03	2.81e-05	6.97e-03	6.24e-02	0.00e+00	5.66e-11	1.20e-10	1.91e-05	5.21e-07	9.36e-03	0.00e+00	6.24e-02	2.23e-10	6.24e-02	7.71e-02	9.36e-03	0.00e+00	0.00e+00	0.00e+00	0.00e+00	1.21e-03
JP011	1.88e-02	1.44e-02	5.93e-04	1.44e-02	0.00e+00	0.00e+00	4.15e-02	9.02e-08	4.99e-08	4.97e-05	0.00e+00	7.93e-08	2.41e-10	1.29e-11	2.31e-03	5.83e-08	3.24e-03	3.39e-03	2.81e-05	6.97e-03	6.24e-02	0.00e+00	5.66e-11	1.20e-10	1.91e-05	5.21e-07	9.36e-03	0.00e+00	6.24e-02	2.23e-10	6.24e-02	7.71e-02	9.36e-03	0.00e+00	0.00e+00	0.00e+00	0.00e+00	1.21e-03
JP015	1.88e-02	1.44e-02	5.93e-04	1.44e-02	0.00e+00	0.00e+00	4.15e-02	9.02e-08	4.99e-08	4.97e-05	0.00e+00	7.93e-08	2.41e-10	1.29e-11	2.31e-03	5.83e-08	3.24e-03	3.39e-03	2.81e-05	6.97e-03	6.24e-02	0.00e+00	5.66e-11	1.20e-10	1.91e-05	5.21e-07	9.36e-03	0.00e+00	6.24e-02	2.23e-10	6.24e-02	7.71e-02	9.36e-03	0.00e+00	0.00e+00	0.00e+00	0.00e+00	1.21e-03
KU33AHE	4.81e-04	5.76e-03	5.11e-04	5.24e-03	0.00e+00	0.00e+00	3.42e-02	4.72e-08	3.44e-08	2.31e-05	0.00e+00	6.02e-08	2.43e-10	8.33e-12	8.23e-04	5.81e-08	9.47e-04	8.49e-04	9.89e-06	2.42e-02	3.13e-02	0.00e+00	3.54e-11	5.75e-11	5.72e-06	2.12e-07	4.44e-03	0.00e+00	3.13e-02	9.43e-11	3.13e-02	3.57e-02	4.44e-03	0.00e+00	0.00e+00	0.00e+00	0.00e+00	4.29e-04
KU33AHZ	4.81e-04	5.76e-03	5.11e-04	5.24e-03	0.00e+00	0.00e+00	3.42e-02	4.72e-08	3.44e-08	2.31e-05	0.00e+00	6.02e-08	2.43e-10	8.33e-12	8.23e-04	5.81e-08	9.47e-04	8.49e-04	9.89e-06	2.42e-02	3.13e-02	0.00e+00	3.54e-11	5.75e-11	5.72e-06	2.12e-07	4.44e-03	0.00e+00	3.13e-02	9.43e-11	3.13e-02	3.57e-02	4.44e-03	0.00e+00	0.00e+00	0.00e+00	0.00e+00	4.29e-04
KU33LHE	1.55e-03	6.90e-01	1.30e-01	5.80e-01	0.00e+00	0.00e+00	6.88e-00	7.87e-00	7.40e-04	4.81e-03	0.00e+00	1.36e-02	6.17e-04	1.80e-09	8.33e-02	1.48e-02	4.60e-02	0.00e+00	9.71e-04	2.29e-01	5.31e+00	0.00e+00	7.17e-09	9.29e-09	1.08e-03	2.75e-05	7.08e-01	0.00e+00	5.31e+00	1.30e-00	5.31e+00	6.01e+00	7.88e-01	0.00e+00	0.00e+00	0.00e+00	4.17e-02	
KU33OHZGB	3.29e-04	1.48e-01	2.74e-02	1.18e-01	0.00e+00	0.00e+00	1.70e-01	1.65e-00	1.97e-04	9.75e-04	0.00e+00	2.88e-03	1.30e-08	8.31e-10	1.78e-02	3.15e-04	9.72e-03	0.00e+00	2.05e-04	4.85e-02	1.12e-00	0.00e+00	1.53e-09	1.98e-09	2.28e-04	8.81e-06	1.56e-01	0.00e+00	1.12e-00	2.75e-04	1.12e-00	1.37e-00	1.50e-01	0.00e+00	0.00e+00	0.00e+00	0.00e+00	8.81e-03
KU33VGAZ	6.80e-03	2.93e-00	5.51e-01	2.36e-00	0.00e+00	0.00e+00	3.42e-01	3.25e-00	3.19e-03	1.96e-02	0.00e+00	5.79e-02	2.92e-01	7.65e-09	3.58e-01	6.33e-02	1.99e-01	0.00e+00	4.02e-04	9.73e-01	2.29e+01	0.00e+00	3.54e-08	3.94e-08	4.89e-03	1.17e-04	3.00e+00	0.00e+00	2.29e+01	5.02e-00	2.29e+01	2.56e+01	2.98e+01	3.58e+01	0.00e+00	0.00e+00	0.00e+00	1.77e-01
KU33VGLZ	1.17e-03	5.21e-01	9.81e-02	4.23e-01	0.00e+00	0.00e+00	6.85e-00	5.79e-00	5.81e-04	3.45e-03	0.00e+00	1.03e-02	4.88e-03	1.36e-09	6.26e-02	1.13e-03	3.48e-02	0.00e+00	7.34e-04	1.73e-01	4.01e+00	0.00e+00	5.42e-09	7.02e-09	8.15e-04	2.08e-05	5.33e-01	0.00e+00	4.01e+00	9.83e-00	4.01e+00	4.54e+00	5.35e-01	0.00e+00	0.00e+00	0.00e+00	3.15e-02	
KU40XXE	3.60e-04	1.60e-01	3.01e-02	1.30e-01	0.00e+00	0.00e+00	1.87e-00	1.77e-00	1.72e-04	1.07e-03	0.00e+00	3.16e-03	1.43e-08	4.17e-10	1.93e-02	3.4																						

UE21A0	4.75E-4	3.11E-1	3.96E-2	1.71E-1	0.00E+0	0.00E+0	2.46E+0	2.34E-4	2.27E-4	1.41E+3	0.00E+0	4.16E-3	1.88E-4	5.50E+0	2.54E-2	4.55E-4	1.40E-2	0.00E+0	2.96E-4	7.09E-2	1.62E+0	0.00E+0	2.19E-0	2.83E-0	3.20E-4	8.45E-0	2.96E-1	0.00E+0	1.62E+0	3.97E-0	1.62E+0	1.84E+0	3.16E-1	0.00E+0	0.00E+0	0.00E+0	1.27E-2
UE21D1	6.82E-4	3.13E-1	5.54E-2	2.57E-1	0.00E+0	0.00E+0	3.48E+0	3.37E-4	3.20E-4	2.01E+3	0.00E+0	5.98E-3	2.82E-4	7.79E+0	3.86E-2	6.39E-4	2.43E-2	5.71E-3	4.52E-4	1.07E-1	2.33E+0	0.00E+0	3.10E-0	4.09E-0	4.89E-4	1.24E-0	3.12E-1	0.00E+0	2.33E+0	5.82E-0	2.33E+0	2.94E+0	3.12E-1	0.00E+0	0.00E+0	0.00E+0	1.94E-2
UE21D3	6.82E-4	3.13E-1	5.54E-2	2.57E-1	0.00E+0	0.00E+0	3.48E+0	3.37E-4	3.20E-4	2.01E+3	0.00E+0	5.98E-3	2.82E-4	7.79E+0	3.86E-2	6.39E-4	2.43E-2	5.71E-3	4.52E-4	1.07E-1	2.33E+0	0.00E+0	3.10E-0	4.09E-0	4.89E-4	1.24E-0	3.12E-1	0.00E+0	2.33E+0	5.82E-0	2.33E+0	2.94E+0	3.12E-1	0.00E+0	0.00E+0	0.00E+0	1.94E-2
UE21E0	4.90E-4	2.17E-1	4.95E-2	1.76E-1	0.00E+0	0.00E+0	2.54E+0	2.42E-4	2.34E-4	1.45E+3	0.00E+0	4.30E-3	1.94E-4	5.89E+0	2.82E-2	4.70E-4	1.45E-2	0.00E+0	3.06E-4	7.22E-2	1.67E+0	0.00E+0	2.26E-0	2.93E-0	3.40E-4	8.67E-0	2.23E-1	0.00E+0	1.67E+0	4.13E-0	1.67E+0	1.86E+0	2.23E-1	0.00E+0	0.00E+0	0.00E+0	1.31E-2
UE21E2B	4.90E-4	2.17E-1	4.95E-2	1.76E-1	0.00E+0	0.00E+0	2.54E+0	2.42E-4	2.34E-4	1.45E+3	0.00E+0	4.30E-3	1.94E-4	5.89E+0	2.82E-2	4.70E-4	1.45E-2	0.00E+0	3.06E-4	7.22E-2	1.67E+0	0.00E+0	2.26E-0	2.93E-0	3.40E-4	8.67E-0	2.23E-1	0.00E+0	1.67E+0	4.13E-0	1.67E+0	1.86E+0	2.23E-1	0.00E+0	0.00E+0	0.00E+0	1.31E-2
UE21E5	5.99E-4	2.66E-1	5.01E-2	2.18E-1	0.00E+0	0.00E+0	3.11E+0	2.96E-4	2.86E-4	1.79E+3	0.00E+0	5.29E-3	2.38E-4	6.95E+0	3.21E-2	5.75E-4	1.77E-2	0.00E+0	3.74E-4	8.84E-2	2.05E+0	0.00E+0	2.76E-0	3.58E-0	4.16E-4	1.09E-0	2.72E-1	0.00E+0	2.05E+0	5.02E-0	2.05E+0	2.32E+0	2.73E-1	0.00E+0	0.00E+0	0.00E+0	1.61E-2
UE22E0	8.09E-4	3.99E-1	8.78E-2	2.91E-1	0.00E+0	0.00E+0	4.20E+0	3.96E-4	3.86E-4	2.40E+3	0.00E+0	7.19E-3	3.21E-4	9.33E+0	4.34E-2	7.77E-4	2.39E-2	0.00E+0	5.09E-4	1.19E-1	2.79E+0	0.00E+0	3.78E-0	4.83E-0	5.61E-4	1.43E-0	3.86E-1	0.00E+0	2.79E+0	6.77E-0	2.79E+0	3.13E+0	3.86E-1	0.00E+0	0.00E+0	0.00E+0	2.17E-2
UE22E5	8.29E-4	3.70E-1	8.69E-2	3.01E-1	0.00E+0	0.00E+0	4.28E+0	4.09E-4	3.94E-4	2.46E+3	0.00E+0	7.24E-3	3.21E-4	9.35E+0	4.42E-2	7.91E-4	2.54E-2	1.14E-1	5.22E-4	1.24E-1	2.81E+0	0.00E+0	3.81E-0	4.93E-0	5.74E-4	1.47E-0	3.78E-1	0.00E+0	2.81E+0	6.88E-0	2.81E+0	3.27E+0	3.78E-1	0.00E+0	0.00E+0	0.00E+0	2.25E-2
UE22PEN	7.96E-4	3.59E-1	8.62E-2	2.87E-1	0.00E+0	0.00E+0	4.11E+0	3.91E-4	3.85E-4	2.35E+3	0.00E+0	6.99E-3	3.14E-4	9.19E+0	4.27E-2	7.65E-4	2.34E-2	0.00E+0	4.86E-4	1.18E-1	2.73E+0	0.00E+0	3.69E-0	4.74E-0	5.56E-4	1.41E-0	3.81E-1	0.00E+0	2.73E+0	6.65E-0	2.73E+0	3.07E+0	3.81E-1	0.00E+0	0.00E+0	0.00E+0	2.14E-2
UE31E2B	5.81E-4	2.58E-1	4.89E-2	2.09E-1	0.00E+0	0.00E+0	3.01E+0	2.88E-4	2.77E-4	1.72E+3	0.00E+0	5.09E-3	2.30E-4	6.73E+0	3.11E-2	5.97E-4	1.72E-2	0.00E+0	3.63E-4	8.57E-2	1.99E+0	0.00E+0	2.68E-0	3.47E-0	4.03E-4	1.03E-0	2.64E-1	0.00E+0	1.99E+0	4.89E-0	1.99E+0	2.25E+0	2.64E-1	0.00E+0	0.00E+0	0.00E+0	1.56E-2
UES2K4N	1.43E-3	8.39E-1	1.19E-1	5.16E-1	0.00E+0	0.00E+0	7.40E+0	7.05E-4	6.82E-4	4.24E+3	0.00E+0	1.29E-2	5.99E-4	1.66E+0	7.68E-2	1.37E-1	4.29E-2	2.76E-1	8.96E-4	2.12E-1	4.89E+0	0.00E+0	6.59E-0	8.34E-0	9.37E-4	2.33E-0	6.51E-1	0.00E+0	4.89E+0	1.20E-0	4.89E+0	5.33E+0	6.51E-1	0.00E+0	0.00E+0	0.00E+0	3.89E-2
UG412	8.05E-4	3.88E-1	7.17E-2	3.16E-1	0.00E+0	0.00E+0	4.48E+0	4.27E-4	4.11E-4	2.58E+3	0.00E+0	7.54E-3	3.40E-4	9.99E+0	4.72E-2	8.23E-4	2.72E-2	2.07E+3	5.51E-4	1.30E-1	2.94E+0	0.00E+0	3.97E-0	5.17E-0	5.99E-4	1.54E-0	3.95E-1	0.00E+0	2.94E+0	7.29E-0	2.94E+0	3.35E+0	3.95E-1	0.00E+0	0.00E+0	0.00E+0	2.36E-2
UG81S3	1.01E-3	4.49E-1	8.48E-2	3.63E-1	0.00E+0	0.00E+0	3.25E+0	4.99E-4	4.83E-4	3.01E+3	0.00E+0	8.98E-3	4.02E-4	1.17E+0	5.43E-2	9.72E-4	3.02E-2	1.97E+0	6.33E-4	1.69E-1	3.49E+0	0.00E+0	4.67E-0	6.02E-0	7.02E-4	1.79E-0	4.61E-1	0.00E+0	3.49E+0	8.48E-0	3.49E+0	3.92E+0	4.61E-1	0.00E+0	0.00E+0	0.00E+0	3.72E-2
UK21A3	5.14E-4	2.30E-1	4.29E-2	1.85E-1	0.00E+0	0.00E+0	2.87E+0	2.54E-4	2.45E-4	1.53E+3	0.00E+0	4.51E-3	2.04E-4	5.99E+0	2.75E-2	4.93E-4	1.52E-2	0.00E+0	3.21E-4	7.58E-2	1.79E+0	0.00E+0	2.37E-0	3.07E-0	3.57E-4	9.10E-0	2.34E-1	0.00E+0	1.79E+0	4.13E-0	1.79E+0	1.96E+0	2.34E-1	0.00E+0	0.00E+0	0.00E+0	1.39E-2
UK21LH0	4.89E-4	2.09E-1	3.91E-2	1.62E-1	0.00E+0	0.00E+0	2.43E+0	2.31E-4	2.22E-4	1.39E+3	0.00E+0	4.11E-3	1.89E-4	6.43E+0	2.51E-2	4.40E-4	1.39E-2	0.00E+0	2.92E-4	6.91E-2	1.69E+0	0.00E+0	2.16E-0	2.89E-0	3.22E-4	8.29E-0	2.12E-1	0.00E+0	1.69E+0	3.92E-0	1.69E+0	1.81E+0	2.12E-1	0.00E+0	0.00E+0	0.00E+0	1.29E-2
UK21LR1	5.98E-4	2.52E-1	4.75E-2	2.06E-1	0.00E+0	0.00E+0	2.95E+0	2.80E-4	2.72E-4	1.69E+3	0.00E+0	4.96E-3	2.29E-4	6.95E+0	3.05E-2	5.46E-4	1.68E-2	0.00E+0	3.55E-4	8.39E-2	1.94E+0	0.00E+0	2.62E-0	3.49E-0	3.95E-4	1.01E-0	2.56E-1	0.00E+0	1.94E+0	4.76E-0	1.94E+0	2.20E+0	2.56E-1	0.00E+0	0.00E+0	0.00E+0	1.53E-2
UK21R1	5.14E-4	2.30E-1	4.29E-2	1.85E-1	0.00E+0	0.00E+0	2.87E+0	2.54E-4	2.45E-4	1.53E+3	0.00E+0	4.51E-3	2.04E-4	5.99E+0	2.75E-2	4.94E-4	1.52E-2	0.00E+0	3.21E-4	7.58E-2	1.79E+0	0.00E+0	2.37E-0	3.07E-0	3.57E-4	9.10E-0	2.34E-1	0.00E+0	1.79E+0	4.13E-0	1.79E+0	1.96E+0	2.34E-1	0.00E+0	0.00E+0	0.00E+0	1.39E-2
UK21S1	5.14E-4	2.30E-1	4.29E-2	1.85E-1	0.00E+0	0.00E+0	2.87E+0	2.54E-4	2.45E-4	1.53E+3	0.00E+0	4.51E-3	2.04E-4	5.99E+0	2.75E-2	4.94E-4	1.52E-2	0.00E+0	3.21E-4	7.58E-2	1.79E+0	0.00E+0	2.37E-0	3.07E-0	3.57E-4	9.10E-0	2.34E-1	0.00E+0	1.79E+0	4.13E-0	1.79E+0	1.96E+0	2.34E-1	0.00E+0	0.00E+0	0.00E+0	1.39E-2
UK31C2	8.73E-4	3.87E-1	7.29E-2	3.14E-1	0.00E+0	0.00E+0	4.53E+0	4.31E-4	4.17E-4	2.95E+3	0.00E+0	7.89E-3	3.46E-4	9.91E+0	4.68E-2	8.36E-4	2.58E-2	0.00E+0	5.49E-4	1.29E-1	2.99E+0	0.00E+0	4.02E-0	5.21E-0	6.09E-4	1.54E-0	3.99E-1	0.00E+0	2.99E+0	7.31E-0	2.99E+0	3.38E+0	3.99E-1	0.00E+0	0.00E+0	0.00E+0	2.34E-2
UL25B9	3.99E-5	1.82E-2	1.88E-3	1.89E-2	0.00E+0	0.00E+0	1.13E-1	1.66E-1	1.37E-5	8.99E-6	0.00E+0	1.86E-4	7.71E-1	4.12E-1	2.39E-3	3.99E-5	2.42E-3	2.05E-4	9.64E-3	6.53E-5	1.26E-1	0.00E+0	3.82E-1	3.91E-1	2.46E-5	9.93E-7	1.48E-2	0.00E+0	1.26E-1	1.79E-0	1.26E-1	1.41E-1	1.48E-2	0.00E+0	0.00E+0	0.00E+0	5.52E-1
UM00H1	5.09E-4	2.24E-1	4.22E-2	1.82E-1	0.00E+0	0.00E+0	2.62E+0	2.49E-4	2.42E-4	1.50E+3	0.00E+0	4.44E-3	2.01E-4	6.87E+0	2.71E-2	4.89E-4	1.40E-2	0.00E+0	3.16E-4	7.69E-2	1.73E+0	0.00E+0	2.32E-0	3.02E-0	3.51E-4	8.95E-0	2.36E-1	0.00E+0	1.73E+0	4.23E-0	1.73E+0	1.99E+0	2.36E-1	0.00E+0	0.00E+0	0.00E+0	1.39E-2
UM00H2	5.09E-4	2.24E-1	4.22E-2	1.82E-1	0.00E+0	0.00E+0	2.62E+0	2.49E-4	2.42E-4	1.50E+3	0.00E+0	4.44E-3	2.01E-4	6.87E+0	2.71E-2	4.89E-4	1.40E-2	0.00E+0	3.16E-4	7.69E-2	1.73E+0	0.00E+0	2.32E-0	3.02E-0	3.51E-4	8.95E-0	2.36E-1	0.00E+0	1.73E+0	4.23E-0	1.73E+0	1.99E+0	2.36E-1	0.00E+0	0.00E+0	0.00E+0	1.39E-2
UM00K1	5.09E-4	2.24E-1	4.22E-2	1.82E-1	0.00E+0	0.00E+0	2.62E+0	2.49E-4	2.42E-4	1.50E+3	0.00E+0	4.44E-3	2.01E-4	6.87E+0	2.71E-2	4.89E-4	1.40E-2	0.00E+0	3.16E-4	7.69E-2	1.73E+0	0.00E+0	2.32E-0	3.02E-0	3.51E-4	8.95E-0	2.36E-1	0.00E+0	1.73E+0	4.23E-0	1.73E+0	1.99E+0	2.36E-1	0.00E+0	0.00E+0	0.00E+0	1.39E-2
UM00K2	5.09E-4	2.24E-1	4.22E-2	1.82E-1	0.00E+0	0.00E+0	2.62E+0	2.49E-4	2.42E-4	1.50E+3	0.00E+0	4.44E-3	2.01E-4	6.87E+0	2.71E-2	4.89E-4	1.40E-2	0.00E+0	3.16E-4	7.69E-2	1.73E+0	0.00E+0	2.32E-0	3.02E-0	3.51E-4	8.95E-0	2.36E-1	0.00E+0	1.73E+0	4.23E-0	1.73E+0	1.99E+0	2.36E-1	0.00E+0	0.00E+0	0.00E+0	1.39E-2
UM00M0	4.71E-5	1.41E-2	9.87E-4	4.04E-2	0.00E+0	0.00E+0	9.07E-2	2.60E-1	1.18E-5	1.17E-4	0.00E+0	1.91E-4	4.67E-1	3.06E-1	6.52E-3	1.13E-5	9.45E-3	1.01E-2	7.94E-5	1.98E-2	1.64E-1	0.00E+0	1.40E-1	3.19E-1	2.37E-5	1.44E-0	2.56E-2	0.00E+0	1.44E-1	6.11E-1	1.64E-1	1.99E-1	2.56E-2	0.00E+0	0.00E+0	0.00E+0	3.41E-3
UM00M1	7.98E-4	3.42E-1	6.24E-2	2.80E-1	0.00E+0	0.00E+0	3.88E+0	3.74E-4	3.59E-4	2.24E+3	0.00E+0	6.58E-3	2.99E-4	8.71E+0	4.18E-2	7.17E-4	2.48E-2	0.00E+0	4.88E-4	1.16E-1	2.99E+0	0.00E+0	3.47E-0	4.54E-0	5.24E-4	1.38E-0	3.46E-1	0.00E+0	2.99E+0	6.41E-0	2.99E+0	3.46E-1	0.00E+0	0.00E+0	0.00E+0	2.10E-2	
UM00M2	7.98E-4	3.42E-1	6.24E-2	2.80E-1	0.00E+0	0.00E+0	3.88E+0	3.74E-4	3.59E-4	2.24E+3	0.00E+0	6.58E-3	2.99E-4	8.71E+0	4.18E-2	7.17E-4	2.48E-2	0.00E+0	4.88E-4	1.16E-1	2.99E+0	0.00E+0	3.47E-0	4.54E-0	5.24E-4	1.38E-0	3.46E-1	0.00E+0	2.99E+0	6.41E-0	2.99E+0	3.46E-1	0.00E+0	0.00E+0	0.00E		

FR22E1	2.21E+1	4.97E+1	3.44E+0	4.63E+1	0.00E+0	0.00E+0	6.38E+2	1.36E+1	4.63E+2	4.66E+1	0.00E+0	-1.52E+1	6.84E+8	1.43E+8	3.52E+0	1.18E+2	9.72E+4	0.00E+0	4.44E+2	2.02E+0	7.27E+2	0.00E+0	8.41E+8	2.48E+8	1.20E+1	5.57E+5	7.50E+1	0.00E+0	7.27E+2	1.54E+0	7.27E+2	8.02E+2	7.50E+1	0.00E+0	0.00E+0	0.00E+0	1.97E+0	
FR22E2	2.29E+1	5.20E+1	3.53E+0	4.85E+1	0.00E+0	0.00E+0	6.69E+2	1.35E+1	4.85E+2	4.88E+1	0.00E+0	-1.52E+1	6.83E+8	1.50E+8	3.68E+0	1.23E+2	9.72E+4	0.00E+0	4.59E+2	2.02E+0	7.37E+2	0.00E+0	8.65E+8	2.49E+8	1.35E+1	5.61E+5	7.77E+1	0.00E+0	7.37E+2	1.58E+0	7.37E+2	8.35E+2	7.77E+1	0.00E+0	0.00E+0	0.00E+0	1.86E+0	
FR22G1	2.87E+1	5.88E+1	3.96E+0	5.48E+1	0.00E+0	0.00E+0	7.40E+2	1.50E+1	5.38E+2	5.46E+1	0.00E+0	-1.74E+1	7.98E+8	1.65E+8	4.08E+0	1.37E+2	9.72E+4	0.00E+0	5.13E+2	2.31E+0	8.43E+2	0.00E+0	6.28E+8	2.79E+8	1.52E+1	6.37E+5	8.68E+1	0.00E+0	8.43E+2	1.77E+0	8.43E+2	9.30E+2	8.68E+1	0.00E+0	0.00E+0	0.00E+0	1.81E+0	
FR22H2	2.86E+1	6.29E+1	4.48E+0	5.88E+1	0.00E+0	0.00E+0	7.78E+2	1.57E+1	5.34E+2	5.91E+1	0.00E+0	-1.72E+1	7.65E+8	1.69E+8	4.16E+0	1.45E+2	9.72E+4	0.00E+0	5.32E+2	2.26E+0	9.03E+2	0.00E+0	6.77E+8	2.99E+8	1.63E+1	6.67E+5	9.11E+1	0.00E+0	9.03E+2	1.89E+0	9.03E+2	9.16E+2	9.11E+1	0.00E+0	0.00E+0	0.00E+0	1.87E+0	
FR22S1	3.04E+1	5.11E+1	4.52E+0	4.77E+1	0.00E+0	0.00E+0	7.39E+2	1.30E+1	4.54E+2	4.81E+1	0.00E+0	-1.66E+1	6.88E+8	1.50E+8	3.61E+0	1.19E+2	9.72E+4	0.00E+0	4.50E+2	2.06E+0	7.41E+2	0.00E+0	5.54E+8	2.44E+8	1.30E+1	5.53E+5	7.50E+1	0.00E+0	7.41E+2	1.58E+0	7.41E+2	8.16E+2	7.50E+1	0.00E+0	0.00E+0	0.00E+0	1.87E+0	
FR22S2	2.29E+1	5.30E+1	3.53E+0	4.92E+1	0.00E+0	0.00E+0	6.69E+2	1.35E+1	4.52E+2	5.00E+1	0.00E+0	-1.50E+1	6.85E+8	1.46E+8	3.78E+0	1.23E+2	9.72E+4	0.00E+0	4.57E+2	2.00E+0	7.74E+2	0.00E+0	5.79E+8	2.53E+8	1.38E+1	5.57E+5	7.82E+1	0.00E+0	7.74E+2	1.62E+0	7.74E+2	8.52E+2	7.82E+1	0.00E+0	0.00E+0	0.00E+0	1.60E+0	
FR23E1	3.85E+1	6.33E+1	4.36E+0	5.85E+1	0.00E+0	0.00E+0	8.03E+2	1.63E+1	5.79E+2	5.95E+1	0.00E+0	-1.97E+1	8.18E+8	1.73E+8	4.41E+0	1.48E+2	1.15E+3	0.00E+0	2.82E+2	9.09E+2	0.00E+0	6.77E+8	3.00E+8	1.83E+1	7.18E+5	9.38E+1	0.00E+0	9.09E+2	1.86E+0	9.09E+2	1.00E+3	9.38E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	1.95E+0	
FR23E2	2.90E+1	6.57E+1	4.51E+0	6.12E+1	0.00E+0	0.00E+0	8.48E+2	1.72E+1	5.99E+2	6.16E+1	0.00E+0	-1.97E+1	8.21E+8	1.85E+8	4.69E+0	1.57E+2	1.15E+3	0.00E+0	5.88E+2	2.62E+0	9.62E+2	0.00E+0	7.15E+8	3.17E+8	1.71E+1	7.22E+5	9.62E+1	0.00E+0	9.62E+2	2.03E+0	9.62E+2	1.00E+3	9.62E+1	0.00E+0	0.00E+0	0.00E+0	2.07E+0	
FR23G1	4.68E+1	6.37E+1	4.94E+0	6.86E+1	0.00E+0	0.00E+0	9.25E+2	1.85E+1	6.81E+2	6.86E+1	0.00E+0	-2.21E+1	9.21E+8	2.03E+8	5.00E+0	1.77E+2	1.15E+3	0.00E+0	6.31E+2	2.93E+0	1.04E+3	0.00E+0	8.12E+8	3.59E+8	1.97E+1	8.11E+5	1.12E+2	0.00E+0	1.04E+3	2.23E+0	1.04E+3	1.20E+3	1.12E+2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	2.30E+0
FR23G2	3.30E+1	7.87E+1	5.06E+0	7.18E+1	0.00E+0	0.00E+0	9.62E+2	1.94E+1	6.88E+2	7.15E+1	0.00E+0	-2.21E+1	9.14E+8	2.13E+8	5.28E+0	1.77E+2	1.15E+3	0.00E+0	6.54E+2	2.93E+0	1.09E+3	0.00E+0	8.12E+8	3.59E+8	1.97E+1	8.11E+5	1.12E+2	0.00E+0	1.09E+3	2.23E+0	1.09E+3	1.20E+3	1.12E+2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	2.30E+0
FR23H1	3.20E+1	7.51E+1	4.97E+0	7.01E+1	0.00E+0	0.00E+0	9.20E+2	1.87E+1	6.36E+2	7.04E+1	0.00E+0	-2.16E+1	9.30E+8	2.01E+8	5.22E+0	1.73E+2	1.15E+3	0.00E+0	6.39E+2	2.91E+0	1.07E+3	0.00E+0	8.05E+8	3.53E+8	1.94E+1	8.03E+5	1.08E+2	0.00E+0	1.07E+3	2.27E+0	1.07E+3	1.18E+3	1.06E+2	0.00E+0	0.00E+0	0.00E+0	2.23E+0	
FR23H2	3.33E+1	7.88E+1	5.12E+0	7.31E+1	0.00E+0	0.00E+0	9.66E+2	1.93E+1	6.86E+2	7.38E+1	0.00E+0	-2.16E+1	9.22E+8	2.10E+8	5.48E+0	1.80E+2	1.15E+3	0.00E+0	6.60E+2	2.91E+0	1.12E+3	0.00E+0	8.36E+8	3.68E+8	2.03E+1	8.08E+5	1.13E+2	0.00E+0	1.12E+3	2.33E+0	1.12E+3	1.23E+3	1.13E+2	0.00E+0	0.00E+0	0.00E+0	2.33E+0	
FR23S1	2.97E+1	6.40E+1	4.37E+0	5.98E+1	0.00E+0	0.00E+0	8.04E+2	1.63E+1	5.45E+2	6.02E+1	0.00E+0	-1.93E+1	8.21E+8	1.73E+8	4.52E+0	1.50E+2	1.15E+3	0.00E+0	5.59E+2	2.59E+0	9.34E+2	0.00E+0	6.86E+8	3.07E+8	1.67E+1	7.14E+5	8.50E+1	0.00E+0	9.34E+2	1.98E+0	9.34E+2	1.00E+3	8.50E+1	0.00E+0	0.00E+0	0.00E+0	1.97E+0	
FR23S2	2.91E+1	6.70E+1	4.50E+0	6.25E+1	0.00E+0	0.00E+0	8.49E+2	1.73E+1	5.71E+2	6.32E+1	0.00E+0	-1.95E+1	8.16E+8	1.85E+8	4.70E+0	1.56E+2	1.15E+3	0.00E+0	5.98E+2	2.59E+0	9.83E+2	0.00E+0	7.34E+8	3.23E+8	1.76E+1	7.19E+5	1.00E+2	0.00E+0	9.83E+2	2.05E+0	9.83E+2	1.00E+3	1.00E+2	0.00E+0	0.00E+0	0.00E+0	2.05E+0	
FR24E1	3.47E+1	7.91E+1	5.46E+0	7.26E+1	0.00E+0	0.00E+0	1.00E+3	2.04E+1	7.36E+2	7.30E+1	0.00E+0	-2.51E+1	1.01E+9	2.29E+8	5.51E+0	1.85E+2	1.34E+3	0.00E+0	6.92E+2	3.34E+0	1.14E+3	0.00E+0	8.45E+8	3.75E+8	2.02E+1	9.14E+5	1.17E+2	0.00E+0	1.14E+3	2.39E+0	1.14E+3	1.25E+3	1.17E+2	0.00E+0	0.00E+0	0.00E+0	2.45E+0	
FR24E2	3.04E+1	8.18E+1	5.87E+0	7.62E+1	0.00E+0	0.00E+0	1.06E+3	2.15E+1	7.69E+2	7.66E+1	0.00E+0	-2.54E+1	1.06E+9	2.36E+8	5.80E+0	1.95E+2	1.34E+3	0.00E+0	7.29E+2	3.34E+0	1.20E+3	0.00E+0	8.86E+8	3.94E+8	2.13E+1	9.16E+5	1.23E+2	0.00E+0	1.20E+3	2.50E+0	1.20E+3	1.32E+3	1.23E+2	0.00E+0	0.00E+0	0.00E+0	2.58E+0	
FR24G1	3.05E+1	8.00E+1	6.13E+0	8.30E+1	0.00E+0	0.00E+0	1.13E+3	2.28E+1	8.20E+2	8.30E+1	0.00E+0	-2.77E+1	1.13E+9	2.53E+8	6.19E+0	2.09E+2	1.34E+3	0.00E+0	7.73E+2	3.69E+0	1.29E+3	0.00E+0	9.52E+8	4.22E+8	2.21E+1	1.01E+6	1.32E+2	0.00E+0	1.29E+3	2.64E+0	1.29E+3	1.47E+3	1.32E+2	0.00E+0	0.00E+0	0.00E+0	2.74E+0	
FR24G2	4.00E+1	9.40E+1	8.18E+0	9.83E+1	0.00E+0	0.00E+0	1.38E+3	2.88E+1	9.65E+2	9.78E+1	0.00E+0	-2.77E+1	1.13E+9	2.85E+8	6.48E+0	2.16E+2	1.34E+3	0.00E+0	8.06E+2	4.40E+0	1.33E+3	0.00E+0	9.99E+8	4.40E+8	2.42E+1	1.02E+6	1.37E+2	0.00E+0	1.33E+3	2.72E+0	1.33E+3	1.47E+3	1.37E+2	0.00E+0	0.00E+0	0.00E+0	2.83E+0	
FR24H1	5.36E+1	9.27E+1	6.14E+0	8.62E+1	0.00E+0	0.00E+0	1.13E+3	2.28E+1	7.81E+2	8.66E+1	0.00E+0	-2.76E+1	1.13E+9	2.45E+8	6.39E+0	2.10E+2	1.34E+3	0.00E+0	7.78E+2	3.86E+0	1.30E+3	0.00E+0	9.77E+8	4.30E+8	2.38E+1	1.01E+6	1.32E+2	0.00E+0	1.30E+3	2.71E+0	1.30E+3	1.44E+3	1.32E+2	0.00E+0	0.00E+0	0.00E+0	2.74E+0	
FR24H2	4.07E+1	9.84E+1	8.32E+0	9.06E+1	0.00E+0	0.00E+0	1.18E+3	2.38E+1	8.14E+2	9.02E+1	0.00E+0	-2.76E+1	1.13E+9	2.58E+8	6.66E+0	2.20E+2	1.34E+3	0.00E+0	8.07E+2	3.86E+0	1.37E+3	0.00E+0	1.02E+9	4.49E+8	2.48E+1	1.01E+6	1.38E+2	0.00E+0	1.37E+3	2.82E+0	1.37E+3	1.50E+3	1.38E+2	0.00E+0	0.00E+0	0.00E+0	2.83E+0	
FR24S1	3.84E+1	7.98E+1	5.45E+0	7.41E+1	0.00E+0	0.00E+0	1.00E+3	2.03E+1	7.67E+2	7.48E+1	0.00E+0	-2.49E+1	1.02E+9	2.19E+8	5.65E+0	1.87E+2	1.34E+3	0.00E+0	6.94E+2	3.32E+0	1.12E+3	0.00E+0	8.87E+8	3.81E+8	2.07E+1	9.11E+5	1.18E+2	0.00E+0	1.12E+3	2.44E+0	1.12E+3	1.26E+3	1.18E+2	0.00E+0	0.00E+0	0.00E+0	2.45E+0	
FR24S2	3.46E+1	8.33E+1	5.85E+0	7.77E+1	0.00E+0	0.00E+0	1.06E+3	2.15E+1	8.06E+2	7.85E+1	0.00E+0	-2.49E+1	1.06E+9	2.30E+8	5.94E+0	1.97E+2	1.34E+3	0.00E+0	7.19E+2	3.32E+0	1.29E+3	0.00E+0	9.17E+8	4.31E+8	2.17E+1	9.16E+5	1.24E+2	0.00E+0	1.29E+3	2.52E+0	1.29E+3	1.34E+3	1.24E+2	0.00E+0	0.00E+0	0.00E+0	2.58E+0	
FR25E1	5.95E+1	9.24E+1	6.45E+0	8.59E+1	0.00E+0	0.00E+0	1.17E+3	2.37E+1	8.53E+2	8.60E+1	0.00E+0	-2.90E+1	1.17E+9	2.82E+8	6.41E+0	2.18E+2	1.52E+3	0.00E+0	8.06E+2	3.98E+0	1.32E+3	0.00E+0	9.83E+8	4.39E+8	2.37E+1	1.09E+6	1.32E+2	0.00E+0	1.32E+3	2.71E+0	1.32E+3	1.48E+3	1.37E+2	0.00E+0	0.00E+0	0.00E+0	2.88E+0	
FR25E2	4.24E+1	9.50E+1	6.68E+0	8.92E+1	0.00E+0	0.00E+0	1.24E+3	2.51E+1	8.87E+2	8.97E+1	0.00E+0	-2.90E+1	1.23E+9	2.77E+8	6.78E+0	2.28E+2	1.52E+3	0.00E+0	8.51E+2	3.98E+0	1.40E+3	0.00E+0	1.04E+9	4.81E+8	2.48E+1	1.09E+6	1.44E+2	0.00E+0	1.40E+3	2.92E+0	1.40E+3	1.54E+3	1.44E+2	0.00E+0	0.00E+0	0.00E+0	3.01E+0	
FR25G1	4.53E+1	1.05E+2	7.15E+0	9.71E+1	0.00E+0	0.00E+0	1.31E+3	2.64E+1	9.55E+2	9.74E+1	0.00E+0	-3.26E+1	1.30E+9	2.82E+8	7.18E+0	2.42E+2	1.52E+3	0.00E+0	8.98E+2	4.36E+0	1.44E+3	0.00E+0	1.16E+9	4.90E+8	2.68E+1	1.18E+6	1.52E+2	0.00E+0	1.44E+3	3.05E+0	1.44E+3	1.63E+3	1.52E+2	0.00E+0	0.00E+0	0.00E+0	3.17E+0	
FR25G2	4.73E+1	1.10E+2	7.37E+0	1.03E+2	0.00E+0	0.00E+0	1.37E+3	2.77E+1	9.95E+2	1.02E+2	0.00E+0	-3.28E+1	1.31E+9	3.06E+8	7.52E+0	2.53E+2	1.52E+3	0.00E+0	9.32E+2	4.36E+0	1.55E+3	0.00E+0	1.16E+9	5.17E+8	2.81E+1	1.22E+6	1.59E+2	0.00E+0	1.55E+3	3.15E+0	1.55E+3	1.71E+3	1.59E+2	0.00E+0	0.00E+0	0.00E+0	3.29E+0	
FR25H2	4.76E+1	1.12E+2	7.36E+0	1.05E+2	0.00E+0	0.00E+0	1.37E+3	2.79E+1	9.47E+2	1.05E+2	0.00E+0	-3.26E+1	1.31E+9	2.99E+8	7.39E+0	2.56E+2	1.52E+3	0.00E+0	9.38E+2	4.33E+0	1.58E+3	0.00E+0	1.16E+9	5.10E+8	2.80E+1	1.20E+6	1.60E+2	0.00E+0	1.58E+3	3.20E+0	1.58E+3	1.76E+						

FWB51S	4.86E+02	1.33E+01	5.62E-01	1.28E+01	0.00E+00	0.00E+00	1.07E+02	2.16E+04	1.33E+02	1.18E+01	0.00E+00	-2.09E+02	1.53E+04	8.83E-01	6.21E-01	2.17E+01	4.52E+04	0.00E+00	7.38E-01	2.83E-01	1.31E+02	0.00E+00	1.02E+08	4.63E-01	3.07E+02	6.28E+06	1.29E+01	0.00E+00	1.31E+02	2.87E+05	1.31E+02	1.44E+02	1.29E+01	0.00E+00	0.00E+00	0.00E+00	2.60E+03
FWB51T1S	3.94E+02	9.32E+00	4.72E-01	9.94E+00	0.00E+00	0.00E+00	9.28E-01	1.60E+04	1.07E+02	8.79E+02	0.00E+00	-2.02E+02	1.11E+08	2.10E+02	5.35E-01	1.76E+01	4.04E+04	0.00E+00	5.92E-01	2.68E-01	1.11E+02	0.00E+00	8.56E+07	3.79E+02	2.39E+02	7.69E+06	1.04E+01	0.00E+00	1.11E+02	2.43E+05	1.11E+02	1.22E+02	1.04E+01	0.00E+00	0.00E+00	0.00E+00	2.95E+03
FWB52D1	3.41E+02	9.37E+00	5.50E-01	8.82E+00	0.00E+00	0.00E+00	8.15E-01	1.62E+04	7.48E+03	8.44E+02	0.00E+00	-3.16E+02	1.03E+08	1.72E+02	5.15E-01	1.68E+01	5.02E+04	0.00E+00	5.72E-01	4.17E-01	1.08E+02	0.00E+00	8.17E+07	3.58E+02	2.24E+02	1.13E+08	9.98E+00	0.00E+00	1.06E+02	2.13E+05	1.06E+02	1.16E+02	9.98E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+03
FWB52K1	7.36E+02	1.74E+01	9.95E-01	1.65E+01	0.00E+00	0.00E+00	1.68E+02	3.42E+04	1.74E+02	1.63E+01	0.00E+00	-3.53E+02	2.29E+08	3.95E+02	1.04E+00	3.48E+01	4.52E+04	0.00E+00	1.19E+02	4.73E+01	2.21E+02	0.00E+00	1.65E+08	7.50E+02	4.45E+02	1.33E+08	2.07E+01	0.00E+00	2.21E+02	5.17E+05	2.21E+02	2.42E+02	2.07E+01	0.00E+00	0.00E+00	0.00E+00	4.16E+03
FWB52K5	7.04E+02	1.72E+01	8.80E-01	1.68E+01	0.00E+00	0.00E+00	1.66E+02	3.37E+04	1.57E+02	1.61E+01	0.00E+00	-3.47E+02	2.20E+08	3.74E+02	1.05E+00	3.40E+01	4.52E+04	0.00E+00	1.17E+02	4.65E+01	2.18E+02	0.00E+00	1.62E+08	7.30E+02	4.30E+02	1.34E+08	2.04E+01	0.00E+00	2.18E+02	5.12E+05	2.18E+02	2.42E+02	2.04E+01	0.00E+00	0.00E+00	0.00E+00	4.16E+03
FWB52M2	7.40E+02	1.78E+01	9.17E-01	1.68E+01	0.00E+00	0.00E+00	1.72E+02	3.45E+04	1.79E+02	1.64E+01	0.00E+00	-3.58E+02	2.32E+08	4.05E+02	1.06E+00	3.52E+01	4.54E+04	0.00E+00	1.21E+02	4.80E+01	2.24E+02	0.00E+00	1.72E+08	7.53E+02	4.50E+02	1.35E+08	2.11E+01	0.00E+00	2.24E+02	4.99E+05	2.24E+02	2.45E+02	2.11E+01	0.00E+00	0.00E+00	0.00E+00	4.20E+03
FWB52N	7.24E+02	1.82E+01	9.28E-01	1.72E+01	0.00E+00	0.00E+00	1.81E+02	3.65E+04	1.91E+02	1.70E+01	0.00E+00	-3.56E+02	2.34E+08	3.94E+02	1.13E+00	3.63E+01	4.54E+04	0.00E+00	1.27E+02	4.51E+01	2.33E+02	0.00E+00	1.78E+08	7.78E+02	4.60E+02	1.33E+08	2.21E+01	0.00E+00	2.33E+02	5.25E+05	2.23E+02	2.59E+02	2.21E+01	0.00E+00	0.00E+00	0.00E+00	4.41E+03
FWB52N3	7.24E+02	1.82E+01	9.28E-01	1.72E+01	0.00E+00	0.00E+00	1.81E+02	3.65E+04	1.91E+02	1.70E+01	0.00E+00	-3.56E+02	2.34E+08	3.94E+02	1.13E+00	3.63E+01	4.54E+04	0.00E+00	1.27E+02	4.51E+01	2.33E+02	0.00E+00	1.78E+08	7.78E+02	4.60E+02	1.33E+08	2.21E+01	0.00E+00	2.33E+02	5.25E+05	2.23E+02	2.59E+02	2.21E+01	0.00E+00	0.00E+00	0.00E+00	4.41E+03
FWB52P2	6.16E+02	1.52E+01	8.28E-01	1.44E+01	0.00E+00	0.00E+00	1.31E+02	3.02E+04	1.45E+02	1.41E+01	0.00E+00	-3.44E+02	2.15E+08	3.42E+02	9.32E-01	3.02E+01	4.52E+04	0.00E+00	1.06E+02	4.02E+01	2.02E+02	0.00E+00	1.47E+08	6.43E+02	4.00E+02	1.31E+08	1.93E+01	0.00E+00	2.02E+02	4.19E+05	1.93E+02	2.16E+02	1.83E+01	0.00E+00	0.00E+00	0.00E+00	3.66E+03
FWB53K1	1.41E+01	2.73E+01	1.24E+00	2.65E+01	0.00E+00	0.00E+00	2.24E+02	4.48E+04	2.73E+02	2.48E+01	0.00E+00	-5.18E+02	2.88E+08	5.47E+02	1.31E+00	4.58E+01	4.52E+04	0.00E+00	1.58E+02	6.91E+01	2.81E+02	0.00E+00	2.17E+08	9.83E+02	6.47E+02	1.96E+08	3.72E+01	0.00E+00	2.81E+02	5.95E+05	2.81E+02	3.08E+02	2.72E+01	0.00E+00	0.00E+00	0.00E+00	5.48E+03
FWB53N	1.03E+01	3.03E+01	1.27E+00	2.96E+01	0.00E+00	0.00E+00	2.44E+02	4.73E+04	2.38E+02	2.71E+01	0.00E+00	-4.84E+02	3.34E+08	5.33E+02	1.41E+00	4.81E+01	4.54E+04	0.00E+00	1.65E+02	6.68E+01	2.95E+02	0.00E+00	2.28E+08	1.03E+03	6.97E+02	1.86E+08	2.90E+01	0.00E+00	2.95E+02	5.89E+05	2.95E+02	3.24E+02	3.00E+01	0.00E+00	0.00E+00	0.00E+00	6.33E+03
FWB53N3	1.03E+01	3.03E+01	1.27E+00	2.96E+01	0.00E+00	0.00E+00	2.44E+02	4.73E+04	2.38E+02	2.71E+01	0.00E+00	-4.84E+02	3.34E+08	5.33E+02	1.41E+00	4.81E+01	4.54E+04	0.00E+00	1.65E+02	6.68E+01	2.95E+02	0.00E+00	2.28E+08	1.03E+03	6.97E+02	1.86E+08	2.90E+01	0.00E+00	2.95E+02	5.89E+05	2.95E+02	3.24E+02	3.00E+01	0.00E+00	0.00E+00	0.00E+00	6.33E+03
FWB53S	1.00E+01	3.28E+01	1.28E+00	2.23E+01	0.00E+00	0.00E+00	2.31E+02	4.02E+04	2.83E+02	2.20E+01	0.00E+00	-5.34E+02	3.91E+08	5.88E+02	1.44E+00	4.78E+01	6.32E+04	0.00E+00	1.64E+02	7.14E+01	3.01E+02	0.00E+00	2.31E+08	1.01E+03	6.02E+02	2.02E+08	2.85E+01	0.00E+00	3.01E+02	6.68E+05	3.01E+02	3.30E+02	2.88E+01	0.00E+00	0.00E+00	0.00E+00	6.07E+03
FWB54S	1.36E+01	2.99E+01	1.04E+00	2.82E+01	0.00E+00	0.00E+00	2.89E+02	5.90E+04	3.65E+02	2.79E+01	0.00E+00	-6.96E+02	4.21E+08	7.55E+02	1.50E+00	5.26E+01	3.94E+04	0.00E+00	2.06E+02	9.26E+01	3.94E+02	0.00E+00	2.94E+08	1.29E+03	7.85E+02	2.65E+08	3.64E+01	0.00E+00	3.94E+02	8.41E+05	3.64E+02	4.30E+02	3.64E+01	0.00E+00	0.00E+00	0.00E+00	7.24E+03
FWB61D	3.73E+02	9.79E+00	4.93E-01	9.35E+00	0.00E+00	0.00E+00	9.48E-01	1.82E+04	7.99E+03	8.94E+02	0.00E+00	-1.92E+02	1.19E+08	2.09E+02	5.68E-01	1.88E+01	4.52E+04	0.00E+00	6.95E-01	2.52E-01	1.17E+02	0.00E+00	8.97E+07	3.95E+02	2.40E+02	7.49E+06	1.14E+01	0.00E+00	1.17E+02	2.52E+05	1.17E+02	1.25E+02	1.14E+01	0.00E+00	0.00E+00	0.00E+00	2.22E+03
FWB62D1	5.14E+02	1.17E+01	6.05E-01	1.16E+01	0.00E+00	0.00E+00	1.21E+02	2.44E+04	1.28E+02	1.10E+01	0.00E+00	-2.08E+02	1.84E+08	3.22E+02	7.49E-01	2.48E+01	4.52E+04	0.00E+00	8.53E-01	2.02E-01	1.95E+02	0.00E+00	1.18E+08	4.55E+02	3.03E+02	8.45E+06	1.48E+01	0.00E+00	1.95E+02	3.48E+05	1.55E+02	1.76E+02	1.48E+01	0.00E+00	0.00E+00	0.00E+00	2.97E+03
FWB62K1	3.87E+02	1.09E+01	5.92E-01	1.05E+01	0.00E+00	0.00E+00	9.32E-01	1.86E+04	8.93E+02	9.84E+02	0.00E+00	-3.10E+02	1.18E+08	2.24E+02	5.82E-01	1.88E+01	4.52E+04	0.00E+00	6.52E-01	4.16E-01	1.20E+02	0.00E+00	9.24E+07	4.02E+02	2.54E+02	1.14E+08	1.14E+01	0.00E+00	1.20E+02	2.43E+05	1.20E+02	1.32E+02	1.14E+01	0.00E+00	0.00E+00	0.00E+00	2.26E+03
FWB62K1	1.96E+01	2.93E+01	1.00E+00	2.93E+01	0.00E+00	0.00E+00	2.93E+02	5.86E+04	3.15E+02	2.10E+01	0.00E+00	-3.55E+02	2.46E+08	4.37E+01	1.18E+00	3.94E+01	4.52E+04	0.00E+00	1.17E+02	4.73E+01	2.48E+02	0.00E+00	1.91E+08	8.88E+02	5.96E+02	1.54E+08	2.38E+01	0.00E+00	2.48E+02	5.45E+05	2.38E+02	2.72E+02	2.38E+01	0.00E+00	0.00E+00	0.00E+00	4.82E+03
FWB62K5	8.29E+02	2.02E+01	8.95E-01	1.93E+01	0.00E+00	0.00E+00	1.95E+02	3.96E+04	1.83E+02	1.90E+01	0.00E+00	-3.47E+02	2.83E+08	4.36E+02	1.22E+00	4.00E+01	4.52E+04	0.00E+00	1.38E+02	4.85E+01	2.57E+02	0.00E+00	1.97E+08	8.71E+02	5.16E+02	1.37E+08	2.40E+01	0.00E+00	2.57E+02	6.13E+05	2.57E+02	2.81E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	4.82E+03
FWB62M2	8.73E+02	2.09E+01	1.03E+00	1.96E+01	0.00E+00	0.00E+00	2.03E+02	4.06E+04	2.16E+02	1.93E+01	0.00E+00	-3.85E+02	2.98E+08	4.85E+02	1.27E+00	4.13E+01	4.54E+04	0.00E+00	1.43E+02	4.96E+01	2.62E+02	0.00E+00	2.01E+08	8.79E+02	5.24E+02	1.44E+08	2.49E+01	0.00E+00	2.62E+02	5.94E+05	2.62E+02	2.97E+02	2.49E+01	0.00E+00	0.00E+00	0.00E+00	4.95E+03
FWB62N	8.84E+02	2.14E+01	1.04E+00	2.03E+01	0.00E+00	0.00E+00	2.12E+02	4.27E+04	1.78E+02	2.02E+01	0.00E+00	-3.38E+02	3.00E+08	4.81E+02	1.33E+00	4.28E+01	4.54E+04	0.00E+00	1.49E+02	4.94E+01	2.74E+02	0.00E+00	2.12E+08	8.97E+02	5.42E+02	1.37E+08	2.59E+01	0.00E+00	2.74E+02	6.30E+05	2.74E+02	3.02E+02	2.59E+01	0.00E+00	0.00E+00	0.00E+00	5.17E+03
FWB62N3	8.84E+02	2.14E+01	1.04E+00	2.03E+01	0.00E+00	0.00E+00	2.12E+02	4.27E+04	1.78E+02	2.02E+01	0.00E+00	-3.38E+02	3.00E+08	4.81E+02	1.33E+00	4.28E+01	4.54E+04	0.00E+00	1.49E+02	4.94E+01	2.74E+02	0.00E+00	2.12E+08	8.97E+02	5.42E+02	1.37E+08	2.59E+01	0.00E+00	2.74E+02	6.30E+05	2.74E+02	3.02E+02	2.59E+01	0.00E+00	0.00E+00	0.00E+00	5.17E+03
FWB62S	1.24E+01	2.47E+01	1.03E+00	2.37E+01	0.00E+00	0.00E+00	2.01E+02	3.94E+04	2.30E+02	2.18E+01	0.00E+00	-3.71E+02	2.99E+08	4.96E+02	1.38E+00	4.04E+01	4.52E+04	0.00E+00	1.38E+02	4.97E+01	2.44E+02	0.00E+00	1.86E+08	8.93E+02	5.99E+02	1.45E+08	2.41E+01	0.00E+00	2.44E+02	4.95E+05	2.44E+02	2.88E+02	2.41E+01	0.00E+00	0.00E+00	0.00E+00	4.88E+03
FWB63D1	4.56E+02	1.27E+01	7.63E-01	1.18E+01	0.00E+00	0.00E+00	1.08E+02	2.15E+04	1.01E+02	1.14E+01	0.00E+00	-4.52E+02	1.43E+08	2.37E+02	6.87E-01	2.20E+01	6.72E+04	0.00E+00	7.58E-01	6.04E-01	1.41E+02	0.00E+00	1.06E+08	4.76E+02	3.02E+02	1.62E+08	1.32E+01	0.00E+00	1.41E+02	2.77E+05	1.41E+02	1.54E+02	1.32E+01	0.00E+00	0.00E+00	0.00E+00	2.62E+03
FWB63K1	1.84E+01	3.24E+01	1.36E+00	3.16E+01	0.00E+00	0.00E+00	2.68E+02	5.30E+04	3.13E+02	2.89E+01	0.00E+00	-5.16E+02	3.42E+08	6.36E+02	1.58E+00	5.42E+01	4.52E+04	0.00E+00	1.89E+02	6.52E+01	3.33E+02	0.00E+00	2.57E+08	1.17E+03	7.80E+02	2.01E+08	3.22E+01	0.00E+00	3.33E+02	7.21E+05	3.33E+02	3.68E+02					

FUW51S1	4.87E-05	1.09E-01	4.18E-01	1.05E-01	0.00E+00	0.00E+00	1.12E+02	2.28E-04	1.07E-02	1.04E-01	0.00E+00	-1.11E-03	1.64E-08	2.57E-07	6.84E-01	2.28E-01	1.18E-03	0.00E+00	7.90E-01	2.87E-02	1.44E-02	0.00E+00	1.10E-08	4.88E-07	2.84E-02	2.45E-06	1.37E-01	0.00E+00	1.44E-02	3.58E-05	1.44E-02	1.58E-02	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.78E-03
FUW52K	7.23E-02	1.73E-01	8.35E-01	1.64E-01	0.00E+00	0.00E+00	1.72E+02	3.02E-04	1.59E-02	1.62E-01	0.00E+00	-1.42E-03	2.45E-08	3.86E-07	1.05E+00	3.44E-01	1.16E-03	0.00E+00	1.21E+02	3.20E-02	2.24E-02	0.00E+00	1.71E-08	7.60E-07	4.44E-02	3.29E-06	2.11E-01	0.00E+00	2.24E-02	5.74E-05	2.24E-02	2.45E-02	2.11E-01	0.00E+00	0.00E+00	0.00E+00	4.25E-03
FUW52K1	7.54E-02	1.73E-01	8.55E-01	1.64E-01	0.00E+00	0.00E+00	1.74E+02	3.06E-04	1.78E-02	1.65E-01	0.00E+00	-2.36E-03	2.15E-08	4.07E-07	1.07E+00	3.57E-01	1.16E-03	0.00E+00	1.24E+02	4.44E-02	2.28E-02	0.00E+00	1.74E-08	7.79E-07	4.43E-02	3.58E-06	2.19E-01	0.00E+00	2.28E-02	5.82E-05	2.28E-02	2.46E-02	2.19E-01	0.00E+00	0.00E+00	0.00E+00	4.38E-03
FUW52K2	7.46E-02	1.72E-01	8.65E-01	1.64E-01	0.00E+00	0.00E+00	1.75E+02	3.05E-04	1.72E-02	1.64E-01	0.00E+00	-2.38E-03	2.47E-08	4.04E-07	1.06E+00	3.54E-01	1.16E-03	0.00E+00	1.23E+02	4.45E-02	2.18E-02	0.00E+00	1.72E-08	7.70E-07	4.50E-02	3.37E-06	2.13E-01	0.00E+00	2.26E-02	5.79E-05	2.26E-02	2.46E-02	2.13E-01	0.00E+00	0.00E+00	0.00E+00	4.29E-03
FUW52K3	7.39E-02	1.71E-01	8.60E-01	1.61E-01	0.00E+00	0.00E+00	1.73E+02	3.03E-04	1.75E-02	1.65E-01	0.00E+00	-2.36E-03	2.47E-08	4.17E-07	1.06E+00	3.57E-01	1.16E-03	0.00E+00	1.24E+02	4.43E-02	2.18E-02	0.00E+00	1.74E-08	7.50E-07	4.42E-02	3.47E-06	2.14E-01	0.00E+00	2.18E-02	5.88E-05	2.18E-02	2.36E-02	2.14E-01	0.00E+00	0.00E+00	0.00E+00	4.21E-03
FUW52L	3.22E-02	8.39E-01	2.77E-01	8.11E+00	0.00E+00	0.00E+00	7.51E-01	1.53E-04	6.93E-03	7.80E-02	0.00E+00	3.42E-04	8.88E-09	1.64E-07	4.67E-01	1.54E-01	1.15E-03	0.00E+00	5.30E-01	7.02E-02	9.88E-01	0.00E+00	7.58E-07	3.38E-07	2.09E-02	1.60E-06	9.28E+00	0.00E+00	9.88E-01	2.48E-05	9.88E-01	1.08E-02	9.28E+00	0.00E+00	0.00E+00	1.85E-03	
FUW52M2	7.58E-02	1.73E-01	8.72E-01	1.66E-01	0.00E+00	0.00E+00	1.78E+02	3.06E-04	1.81E-02	1.67E-01	0.00E+00	-2.74E-03	2.56E-08	4.17E-07	1.10E+00	3.62E-01	1.16E-03	0.00E+00	1.25E+02	4.54E-02	2.30E-02	0.00E+00	1.76E-08	7.77E-07	4.37E-02	3.75E-06	2.18E-01	0.00E+00	2.30E-02	5.64E-05	2.36E-02	2.52E-02	2.18E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-03
FUW52S	7.50E-02	1.73E-01	8.65E-01	1.66E-01	0.00E+00	0.00E+00	1.79E+02	3.03E-04	1.87E-02	1.67E-01	0.00E+00	-4.03E-03	2.60E-08	4.47E-07	1.10E+00	3.67E-01	1.16E-03	0.00E+00	1.27E+02	4.64E-02	2.31E-02	0.00E+00	1.76E-08	7.81E-07	4.58E-02	4.16E-06	2.20E-01	0.00E+00	2.31E-02	5.55E-05	2.31E-02	2.36E-02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.42E-03
FUW52S1	7.41E-02	1.72E-01	8.55E-01	1.66E-01	0.00E+00	0.00E+00	1.77E+02	3.06E-04	1.74E-02	1.64E-01	0.00E+00	-2.95E-03	2.55E-08	4.11E-07	1.09E+00	3.67E-01	1.16E-03	0.00E+00	1.26E+02	4.47E-02	2.27E-02	0.00E+00	1.75E-08	7.83E-07	4.47E-02	3.65E-06	2.16E-01	0.00E+00	2.27E-02	5.58E-05	2.27E-02	2.38E-02	2.16E-01	0.00E+00	0.00E+00	0.00E+00	4.35E-03
FUW53D	7.62E-02	1.84E-01	7.30E-01	1.78E-01	0.00E+00	0.00E+00	2.08E+02	4.16E-04	1.96E-02	1.74E-01	0.00E+00	-1.18E-04	2.84E-09	4.47E-07	1.19E+00	3.92E-01	1.51E-03	0.00E+00	1.42E+02	1.81E-02	2.48E-02	0.00E+00	1.87E-08	8.27E-07	4.74E-02	3.32E-06	2.48E-01	0.00E+00	2.48E-02	5.88E-05	2.48E-02	2.72E-02	2.48E-01	0.00E+00	0.00E+00	0.00E+00	4.97E-03
FUW53K	1.04E-02	2.43E-01	9.27E-01	2.34E-01	0.00E+00	0.00E+00	2.50E+02	5.09E-04	2.35E-02	2.32E-01	0.00E+00	-2.71E-03	3.32E-08	8.86E-07	1.53E+00	5.05E-01	1.16E-03	0.00E+00	1.78E+02	5.14E-02	3.22E-02	0.00E+00	2.45E-08	1.05E-08	6.34E-03	4.58E-06	3.08E-01	0.00E+00	3.22E-02	9.05E-05	3.22E-02	3.33E-02	3.08E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-03
FUW53L	4.48E-02	1.18E-01	3.94E-01	1.12E-01	0.00E+00	0.00E+00	1.68E+02	2.18E-04	9.81E-03	1.68E-01	0.00E+00	4.47E-04	1.22E-08	2.35E-07	6.63E-01	2.18E-01	1.51E-03	0.00E+00	7.56E-01	9.32E-02	1.39E-02	0.00E+00	1.07E-08	4.73E-07	2.86E-02	2.18E-06	1.32E-01	0.00E+00	1.39E-02	3.38E-05	1.39E-02	1.52E-02	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.84E-03
FUW61L	2.94E-02	6.92E-01	2.32E-01	6.72E-01	0.00E+00	0.00E+00	8.34E-01	1.29E-04	5.74E-03	6.47E-02	0.00E+00	3.42E-04	7.54E-09	1.38E-07	3.87E-01	1.28E-01	1.15E-03	0.00E+00	4.48E-01	6.92E-02	8.24E-01	0.00E+00	6.31E-07	2.82E-07	1.72E-02	1.44E-06	7.78E-01	0.00E+00	8.24E-01	2.07E-05	8.24E-01	9.02E-01	7.78E-01	0.00E+00	0.00E+00	1.56E-03	
FUW61S	5.64E-02	1.29E-01	4.85E-01	1.24E-01	0.00E+00	0.00E+00	1.22E+02	2.68E-04	1.38E-02	1.22E-01	0.00E+00	-2.05E-03	1.91E-08	3.15E-07	6.02E-01	2.87E-01	1.16E-03	0.00E+00	9.28E-01	3.98E-02	1.98E-02	0.00E+00	1.56E-08	5.70E-07	3.34E-02	2.97E-06	1.61E-01	0.00E+00	1.98E-02	4.12E-05	1.98E-02	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-03	
FUW62K	8.95E-02	2.03E-01	7.51E-01	1.92E-01	0.00E+00	0.00E+00	2.04E+02	4.13E-04	1.89E-02	1.93E-01	0.00E+00	-1.42E-03	2.89E-08	4.57E-07	1.25E+00	4.14E-01	1.16E-03	0.00E+00	1.44E+02	3.25E-02	2.69E-02	0.00E+00	2.02E-08	9.02E-07	5.29E-02	3.62E-06	2.55E-01	0.00E+00	2.69E-02	6.89E-05	2.69E-02	2.91E-02	2.55E-01	0.00E+00	0.00E+00	0.00E+00	3.05E-03
FUW62K1	8.87E-02	2.02E-01	7.72E-01	1.94E-01	0.00E+00	0.00E+00	2.07E+02	4.23E-04	2.04E-02	1.95E-01	0.00E+00	-2.36E-03	2.53E-08	4.79E-07	1.27E+00	4.23E-01	1.16E-03	0.00E+00	1.47E+02	4.50E-02	2.78E-02	0.00E+00	2.06E-08	9.19E-07	5.37E-02	3.96E-06	2.55E-01	0.00E+00	2.78E-02	6.90E-05	2.78E-02	2.96E-02	2.55E-01	0.00E+00	0.00E+00	0.00E+00	3.14E-03
FUW62K2	8.87E-02	2.04E-01	7.85E-01	1.97E-01	0.00E+00	0.00E+00	2.09E+02	4.21E-04	2.08E-02	1.94E-01	0.00E+00	-2.38E-03	2.91E-08	4.79E-07	1.28E+00	4.22E-01	1.16E-03	0.00E+00	1.45E+02	4.50E-02	2.78E-02	0.00E+00	2.04E-08	9.12E-07	5.33E-02	3.94E-06	2.53E-01	0.00E+00	2.69E-02	6.89E-05	2.69E-02	2.92E-02	2.53E-01	0.00E+00	0.00E+00	0.00E+00	3.09E-03
FUW62L	3.72E-02	9.40E-01	3.66E-01	9.40E-01	0.00E+00	0.00E+00	8.05E-01	1.79E-04	8.04E-03	9.50E-02	0.00E+00	4.47E-04	1.04E-08	1.92E-07	5.43E-01	1.61E-03	0.00E+00	6.21E-01	9.00E-02	1.14E-02	0.00E+00	7.84E-07	3.31E-07	2.42E-02	1.96E-06	1.08E-01	0.00E+00	1.14E-02	2.80E-05	1.08E-01	1.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.17E-03	
FUW62M2	8.96E-02	2.06E-01	7.87E-01	1.98E-01	0.00E+00	0.00E+00	2.11E+02	4.27E-04	2.00E-02	1.96E-01	0.00E+00	-3.48E-03	3.02E-08	5.02E-07	1.30E+00	4.28E-01	1.16E-03	0.00E+00	1.43E+02	5.96E-02	2.71E-02	0.00E+00	2.06E-08	9.12E-07	5.36E-02	4.35E-06	2.58E-01	0.00E+00	2.71E-02	6.55E-05	2.71E-02	2.96E-02	2.58E-01	0.00E+00	0.00E+00	0.00E+00	3.18E-03
FUW62M3	8.77E-02	2.04E-01	7.83E-01	1.96E-01	0.00E+00	0.00E+00	2.04E+02	4.15E-04	2.01E-02	1.94E-01	0.00E+00	-2.36E-03	2.97E-08	4.71E-07	1.25E+00	4.17E-01	1.16E-03	0.00E+00	1.45E+02	4.48E-02	2.67E-02	0.00E+00	2.04E-08	9.09E-07	5.32E-02	3.93E-06	2.52E-01	0.00E+00	2.67E-02	6.82E-05	2.67E-02	2.92E-02	2.52E-01	0.00E+00	0.00E+00	0.00E+00	3.07E-03
FUW62N	8.96E-02	2.06E-01	7.85E-01	1.98E-01	0.00E+00	0.00E+00	2.08E+02	4.19E-04	1.74E-02	1.95E-01	0.00E+00	-6.18E-04	3.01E-08	4.92E-07	1.29E+00	4.17E-01	1.52E-03	0.00E+00	1.48E+02	2.91E-02	2.69E-02	0.00E+00	2.05E-08	8.98E-07	5.35E-02	3.68E-06	2.54E-01	0.00E+00	2.69E-02	6.56E-05	2.69E-02	2.94E-02	2.54E-01	0.00E+00	0.00E+00	0.00E+00	3.07E-03
FUW62S	9.17E-02	2.08E-01	7.92E-01	1.98E-01	0.00E+00	0.00E+00	2.12E+02	4.28E-04	2.35E-02	1.96E-01	0.00E+00	-3.92E-03	3.06E-08	5.17E-07	1.30E+00	4.31E-01	1.52E-03	0.00E+00	1.49E+02	6.86E-02	2.71E-02	0.00E+00	2.06E-08	9.14E-07	5.39E-02	4.74E-06	2.68E-01	0.00E+00	2.71E-02	6.58E-05	2.71E-02	2.97E-02	2.68E-01	0.00E+00	0.00E+00	0.00E+00	3.12E-03
FUW62S1	8.86E-02	2.03E-01	7.79E-01	1.97E-01	0.00E+00	0.00E+00	2.10E+02	4.23E-04	2.05E-02	1.93E-01	0.00E+00	-2.24E-03	3.04E-08	4.82E-07	1.28E+00	4.21E-01	1.51E-03	0.00E+00	1.47E+02	4.64E-02	2.67E-02	0.00E+00	2.03E-08	8.97E-07	5.26E-02	4.18E-06	2.57E-01	0.00E+00	2.67E-02	6.45E-05	2.67E-02	2.92E-02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	3.12E-03
FUW63N	1.19E-01	2.97E-01	1.08E+00	2.81E-01	0.00E+00	0.00E+00	2.97E+02	5.98E-04	2.47E-02	2.77E-01	0.00E+00	-1.08E-03	4.24E-08	6.44E-07	1.95E+00	5.90E-01	1.51E-03	0.00E+00	2.08E+02	3.26E-02	3.82E-02	0.00E+00	2.92E-08	1.28E-08	7.52E-03	4.67E-06	3.63E-01	0.00E+00	3.82E-02	9.23E-05	3.82E-02	4.16E-02	3.63E-01	0.00E+00	0.00E+00	0.00E+00	1.23E-03
FUW63S	1.11E-01	2.90E-01	1.15E+00	2.86E-01	0.00E+00	0.00E+00	3.03E+02	6.11E-04	3.35E-02	2.77E-01	0.00E+00	-6.04E-03	4.36E-08	7.44E-07	1.89E+00	6.18E-01	1.52E-03	0.00E+00	2.13E+02	9.80E-02	3.88E-02	0.00E+00	2.94E-08	1.30E-08	7.60E-03	6.48E-06	3.71E-01	0.00E+00	3.88E-02	9.22E-05	3.88E-02	4.23E-02	3.71E-01	0.00E+00	0.00E+00	0.00E+00	1.74E

UD01F2	1.34E-02	1.24E-00	5.86E-02	1.18E-00	0.00E+00	0.00E+00	1.24E-01	2.44E-00	7.58E-03	1.23E-02	0.00E+00	-8.71E-09	2.94E-09	8.10E-08	7.88E-02	3.48E-00	1.83E-04	0.00E+00	9.88E-00	2.97E-03	1.69E-01	0.00E+00	1.31E-07	6.19E-08	3.62E-03	2.95E-07	1.74E-00	0.00E+00	1.69E-01	3.55E-00	1.66E-01	1.88E-01	1.74E-00	0.00E+00	0.00E+00	0.00E+00	3.50E-02
UD02F1	3.25E-03	8.88E-01	2.41E-02	8.44E-01	0.00E+00	0.00E+00	5.59E-00	1.12E-05	7.33E-04	8.33E-03	0.00E+00	5.41E-09	8.51E-10	1.23E-08	5.11E-02	1.43E-00	1.83E-04	0.00E+00	4.43E-00	1.64E-03	1.02E-01	0.00E+00	8.15E-08	3.39E-08	2.22E-03	2.04E-07	8.09E-01	0.00E+00	1.02E-01	2.63E-00	1.02E-01	1.10E-01	8.09E-01	0.00E+00	0.00E+00	0.00E+00	1.44E-02
UD02F2	2.81E-03	1.78E-00	8.66E-02	1.68E-00	0.00E+00	0.00E+00	1.72E-01	3.29E-05	1.83E-02	1.73E-02	0.00E+00	-8.71E-09	2.95E-09	1.83E-07	1.08E-01	5.81E-00	1.83E-04	0.00E+00	1.44E-01	3.04E-03	2.39E-01	0.00E+00	1.85E-07	9.51E-08	5.88E-03	3.43E-07	2.59E-00	0.00E+00	2.39E-01	4.17E-00	2.36E-01	2.02E-01	2.59E-00	0.00E+00	0.00E+00	0.00E+00	5.23E-02
UD11A1	3.86E-03	8.84E-01	3.47E-02	8.30E-01	0.00E+00	0.00E+00	5.91E-00	1.28E-05	7.75E-04	8.47E-03	0.00E+00	8.10E-09	3.94E-09	1.18E-08	5.26E-02	1.46E-00	1.83E-04	0.00E+00	4.43E-00	5.22E-02	1.12E-01	0.00E+00	8.54E-08	3.95E-08	2.37E-03	2.39E-06	8.54E-01	0.00E+00	1.12E-01	3.62E-00	1.12E-01	1.10E-01	8.54E-01	0.00E+00	0.00E+00	0.00E+00	1.52E-02
UD11B1	3.02E-03	8.26E-01	3.74E-02	7.96E-01	0.00E+00	0.00E+00	6.05E-00	1.51E-05	7.27E-04	8.16E-03	0.00E+00	-5.48E-04	1.05E-09	1.52E-08	5.19E-02	1.64E-00	1.83E-04	0.00E+00	5.33E-00	1.12E-01	1.00E+00	0.00E+00	8.54E-08	3.95E-08	2.37E-03	2.39E-06	9.44E-01	0.00E+00	1.14E-01	3.62E-00	1.14E-01	1.34E-01	8.54E-01	0.00E+00	0.00E+00	0.00E+00	1.47E-02
UD11C1	4.84E-03	1.09E-00	3.86E-02	1.02E-00	0.00E+00	0.00E+00	9.54E-00	2.04E-05	9.30E-04	1.04E-02	0.00E+00	-2.28E-04	1.69E-09	2.07E-08	6.78E-02	2.15E-00	1.83E-04	0.00E+00	7.14E-00	4.81E-02	1.48E-01	0.00E+00	1.14E-07	5.03E-08	2.62E-03	3.24E-07	1.28E-00	0.00E+00	1.48E-01	4.31E-00	1.48E-01	1.81E-01	1.28E-00	0.00E+00	0.00E+00	0.00E+00	2.47E-02
UD11F1	1.84E-03	4.93E-01	1.29E-02	4.54E-01	0.00E+00	0.00E+00	7.05E-00	4.77E-08	4.03E-04	4.93E-03	0.00E+00	-2.38E-04	5.97E-10	4.87E-09	2.51E-02	7.04E-01	1.83E-04	0.00E+00	1.93E-00	4.79E-02	5.48E-00	0.00E+00	4.43E-08	1.90E-08	1.26E-03	2.48E-07	3.84E-01	0.00E+00	5.48E-00	1.73E-00	5.48E-00	5.85E-00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	8.23E-01
UD12A1	4.53E-03	1.14E-00	4.34E-02	1.10E-00	0.00E+00	0.00E+00	8.83E-00	1.65E-05	9.96E-04	1.10E-02	0.00E+00	8.10E-09	3.94E-09	1.18E-08	5.26E-02	1.46E-00	1.83E-04	0.00E+00	5.44E-00	2.23E-02	1.14E-01	0.00E+00	1.06E-07	4.73E-08	3.00E-03	2.41E-06	1.13E-00	0.00E+00	1.41E-01	4.37E-00	1.41E-01	1.32E-01	1.13E-00	0.00E+00	0.00E+00	0.00E+00	1.99E-02
UD12B1	5.00E-03	1.21E-00	4.51E-02	1.16E-00	0.00E+00	0.00E+00	9.40E-00	1.85E-05	1.08E-03	1.22E-02	0.00E+00	-8.63E-04	1.31E-09	2.07E-08	7.41E-02	2.02E-00	1.83E-04	0.00E+00	7.39E-00	1.38E-02	1.62E-01	0.00E+00	1.27E-07	5.49E-08	3.35E-03	5.58E-07	1.32E-00	0.00E+00	1.62E-01	4.57E-00	1.62E-01	1.78E-01	1.32E-00	0.00E+00	0.00E+00	0.00E+00	2.46E-02
UD12B2	5.18E-03	1.23E-00	4.59E-02	1.20E-00	0.00E+00	0.00E+00	9.48E-00	2.01E-05	1.08E-03	1.22E-02	0.00E+00	-8.11E-04	1.32E-09	2.08E-08	7.60E-02	2.11E-00	1.83E-04	0.00E+00	7.39E-00	1.38E-02	1.62E-01	0.00E+00	1.27E-07	5.49E-08	3.35E-03	5.58E-07	1.32E-00	0.00E+00	1.62E-01	4.57E-00	1.62E-01	1.78E-01	1.32E-00	0.00E+00	0.00E+00	0.00E+00	2.46E-02
UD12B4	1.14E-02	2.29E-00	8.65E-02	2.18E-00	0.00E+00	0.00E+00	1.50E-01	2.95E-05	4.73E-03	2.95E-02	0.00E+00	-7.18E-04	2.12E-09	8.22E-08	9.94E-02	3.73E-00	1.83E-04	0.00E+00	1.13E-01	1.14E-02	2.18E-01	0.00E+00	1.71E-07	8.31E-08	5.52E-03	5.61E-07	2.01E-00	0.00E+00	2.18E-01	4.92E-00	2.18E-01	2.38E-01	2.01E-00	0.00E+00	0.00E+00	0.00E+00	3.94E-02
UD12F1	3.82E-03	8.83E-01	3.78E-02	7.83E-01	0.00E+00	0.00E+00	7.72E-00	6.62E-04	8.95E-04	7.62E-03	0.00E+00	-2.28E-04	7.05E-10	6.18E-09	4.08E-02	2.11E-00	1.83E-04	0.00E+00	2.85E-00	4.74E-02	9.09E-00	0.00E+00	7.44E-08	3.19E-08	2.17E-03	2.78E-07	5.53E-01	0.00E+00	9.09E-00	3.19E-00	9.09E-00	9.44E-00	5.53E-01	0.00E+00	0.00E+00	0.00E+00	9.03E-01
UD13A1	9.83E-03	1.48E-00	5.35E-02	1.42E-00	0.00E+00	0.00E+00	1.08E-01	2.19E-05	1.28E-03	1.42E-02	0.00E+00	8.10E-09	6.15E-09	2.21E-08	9.13E-01	3.51E-00	3.69E-03	0.00E+00	7.88E-00	2.23E-02	1.83E-01	0.00E+00	1.42E-07	6.10E-08	3.88E-03	2.43E-06	1.48E-00	0.00E+00	1.83E-01	5.02E-00	1.83E-01	2.47E-01	1.48E-00	0.00E+00	0.00E+00	0.00E+00	3.82E-02
UD13B1	7.17E-03	9.72E-00	6.05E-02	1.68E-00	0.00E+00	0.00E+00	1.32E-01	2.68E-05	1.49E-03	1.68E-02	0.00E+00	-1.18E-03	1.61E-09	8.99E-08	1.00E-01	3.12E-00	1.83E-04	0.00E+00	9.73E-00	1.79E-02	2.23E-01	0.00E+00	1.79E-07	7.83E-08	4.87E-03	6.95E-06	1.75E-00	0.00E+00	2.23E-01	6.05E-00	1.75E-00	2.00E-01	1.75E-00	0.00E+00	0.00E+00	0.00E+00	3.35E-02
UD13B2	5.99E-03	1.45E-00	5.85E-02	1.39E-00	0.00E+00	0.00E+00	1.16E-01	2.44E-05	1.25E-03	1.41E-02	0.00E+00	-1.28E-03	1.55E-09	2.54E-08	8.95E-02	2.72E-00	1.83E-04	0.00E+00	8.95E-00	1.87E-02	1.99E-01	0.00E+00	1.48E-07	6.59E-08	3.87E-03	7.02E-07	1.58E-00	0.00E+00	1.99E-01	5.18E-00	1.99E-01	2.98E-01	1.58E-00	0.00E+00	0.00E+00	0.00E+00	3.01E-02
UD21A1	9.83E-03	1.48E-00	5.35E-02	1.42E-00	0.00E+00	0.00E+00	1.08E-01	2.19E-05	1.28E-03	1.42E-02	0.00E+00	8.10E-09	6.15E-09	2.21E-08	9.13E-01	3.51E-00	3.69E-03	0.00E+00	7.88E-00	2.23E-02	1.83E-01	0.00E+00	1.42E-07	6.10E-08	3.88E-03	2.43E-06	1.48E-00	0.00E+00	1.83E-01	5.02E-00	1.83E-01	2.47E-01	1.48E-00	0.00E+00	0.00E+00	0.00E+00	3.82E-02
UD21A1-LG	8.83E-03	1.81E-00	6.21E-02	1.59E-00	0.00E+00	0.00E+00	1.34E-01	2.81E-05	1.49E-03	1.57E-02	0.00E+00	8.10E-09	6.03E-09	2.80E-08	1.00E-01	3.03E-00	1.83E-04	0.00E+00	9.89E-00	2.23E-02	2.19E-01	0.00E+00	1.65E-07	7.40E-08	4.37E-03	2.47E-06	1.59E-00	0.00E+00	2.19E-01	6.28E-00	2.19E-01	2.64E-01	1.59E-00	0.00E+00	0.00E+00	0.00E+00	3.37E-02
UD21B1	7.76E-03	1.74E-00	6.41E-02	1.67E-00	0.00E+00	0.00E+00	1.32E-01	3.28E-05	1.54E-03	1.73E-02	0.00E+00	-8.83E-04	1.96E-09	3.19E-08	1.09E-01	3.53E-00	1.83E-04	0.00E+00	1.13E-01	1.33E-02	2.49E-01	0.00E+00	1.80E-07	8.20E-08	4.88E-03	6.02E-07	2.00E-00	0.00E+00	2.49E-01	2.50E-00	2.00E-00	2.00E-00	2.00E-00	0.00E+00	0.00E+00	0.00E+00	3.02E-02
UD21B5	5.12E-03	1.28E-00	8.85E-02	1.22E-00	0.00E+00	0.00E+00	9.28E-00	1.97E-05	1.08E-03	1.22E-02	0.00E+00	-2.56E-03	1.45E-09	2.04E-08	7.47E-02	2.27E-00	1.83E-04	0.00E+00	7.19E-00	3.56E-02	1.80E-01	0.00E+00	1.25E-07	5.42E-08	3.35E-03	1.08E-06	1.29E-00	0.00E+00	1.60E-01	4.30E-00	1.60E-01	1.75E-01	1.29E-00	0.00E+00	0.00E+00	0.00E+00	2.44E-02
UD21C1	8.95E-03	1.97E-00	7.02E-02	1.88E-00	0.00E+00	0.00E+00	2.13E-01	4.32E-05	1.72E-03	1.92E-02	0.00E+00	-2.38E-04	3.54E-09	4.80E-08	1.38E-01	4.31E-00	1.83E-04	0.00E+00	1.50E-01	4.98E-02	2.91E-01	0.00E+00	2.14E-07	9.29E-08	5.26E-03	4.48E-07	2.62E-00	0.00E+00	2.91E-01	7.03E-00	2.91E-01	3.97E-01	2.62E-00	0.00E+00	0.00E+00	0.00E+00	3.25E-02
UD21D2B	5.70E-03	1.39E-00	4.24E-02	1.34E-00	0.00E+00	0.00E+00	1.01E-01	2.15E-05	1.20E-03	1.39E-02	0.00E+00	-2.28E-04	1.94E-09	2.21E-08	5.32E-02	2.31E-00	1.83E-04	0.00E+00	7.91E-00	4.85E-02	1.17E-01	0.00E+00	1.42E-07	6.05E-08	3.73E-03	3.54E-07	1.42E-00	0.00E+00	1.17E-01	5.15E-00	1.17E-01	1.93E-01	1.42E-00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
UD21F1	3.98E-03	9.23E-01	3.43E-02	7.89E-01	0.00E+00	0.00E+00	7.05E-00	1.04E-05	7.97E-04	8.96E-03	0.00E+00	-2.28E-04	1.02E-09	1.03E-08	5.32E-02	1.45E-00	1.83E-04	0.00E+00	4.11E-00	4.73E-02	1.11E-01	0.00E+00	8.99E-08	3.94E-08	2.46E-03	2.54E-06	7.89E-01	0.00E+00	1.11E-01	3.97E-00	1.11E-01	1.30E-01	7.89E-01	0.00E+00	0.00E+00	0.00E+00	3.03E-02
UD22F1	4.41E-03	1.21E-00	2.84E-02	1.18E-00	0.00E+00	0.00E+00	5.17E-00	1.08E-05	1.02E-03	1.17E-02	0.00E+00	-2.28E-04	1.15E-09	1.16E-08	6.42E-02	1.72E-00	1.83E-04	0.00E+00	4.68E-00	4.80E-02	1.32E-01	0.00E+00	1.08E-07	4.48E-08	3.11E-03	3.20E-07	8.97E-01	0.00E+00	1.32E-01	3.79E-00	1.32E-01	1.41E-01	8.97E-01	0.00E+00	0.00E+00	0.00E+00	1.47E-02
UD22G1	9.88E-03	2.22E-00	8.98E-02	2.28E-00	0.00E+00	0.00E+00	2.24E-01	4.61E-05	1.98E-03	2.22E-02	0.00E+00	-7.18E-04	2.67E-09	4.89E-08	1.52E-01	4.78E-00	1.83E-04	0.00E+00	1.63E-01	1.15E-02	3.16E-01	0.00E+00	2.42E-07	1.05E-07	6.11E-03	6.39E-07	2.88E-00	0.00E+00	3.16E-01	8.05E-00	3.16E-01	3.45E-01	2.88E-00	0.00E+00	0.00E+00	0.00E+00	5.95E-02
UD31A1	8.30E-03	1.91E-00	6.27E-02	1.94E-00	0.00E+00	0.00E+00	1.53E-01	3.27E-05	1.71E-03	1.93E-02	0.00E+00	-2.28E-04	2.33E-09	3.32E-08	1.20E-01	3.76E-00	1.83E-04	0.00E+00	1.18E-01	4.58E-02	2.81E-01	0.00E+00	2.03E-07	8.88E-08	5.35E-03	4.21E-07	2.11E-00	0.00E+00	2.81E-01	7.72E-00	2.81E-01	2.80E-01	2.11E-00				

UN61U3	1.34E-03	2.54E-00	8.26E-02	2.45E-00	0.00E+00	0.00E+00	1.78E-01	4.01E-05	3.22E-03	2.53E-02	0.00E+00	-1.06E-03	2.44E-09	4.85E-08	1.49E-01	4.84E-00	1.83E-04	0.00E+00	1.44E-01	1.53E-02	3.43E-01	0.00E+00	2.68E-07	1.31E-07	7.22E-03	7.23E-07	2.62E-00	0.00E+00	3.43E-01	1.12E-05	3.45E-01	3.69E-01	2.62E-00	0.00E+00	0.00E+00	0.00E+00	5.04E-02
UN71B3	1.54E-02	3.18E-00	1.13E-01	3.07E-00	0.00E+00	0.00E+00	2.57E-01	5.69E-05	3.88E-03	3.18E-02	0.00E+00	-1.32E-03	4.59E-09	6.56E-08	1.94E-01	6.38E-00	1.83E-04	0.00E+00	2.02E-01	1.99E-02	4.41E-01	0.00E+00	3.42E-07	1.54E-07	8.99E-03	9.18E-07	3.57E-00	0.00E+00	4.41E-01	1.37E-05	4.41E-01	4.77E-01	3.57E-00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
UN71B4	1.66E-03	3.32E-00	1.20E-01	3.20E-00	0.00E+00	0.00E+00	2.71E-01	5.95E-05	4.33E-03	3.30E-02	0.00E+00	-1.51E-03	4.74E-09	7.00E-08	2.03E-01	6.71E-00	1.83E-04	0.00E+00	2.13E-01	2.20E-02	4.40E-01	0.00E+00	3.57E-07	1.60E-07	9.39E-03	8.86E-07	3.78E-00	0.00E+00	4.40E-01	1.41E-05	4.60E-01	4.93E-01	3.78E-00	0.00E+00	0.00E+00	0.00E+00	7.38E-02
UN81B3	1.74E-02	3.37E-00	1.24E-01	3.45E-00	0.00E+00	0.00E+00	2.84E-01	6.38E-05	4.47E-03	3.47E-02	0.00E+00	-1.32E-03	4.70E-09	7.17E-08	2.17E-01	7.18E-00	1.83E-04	0.00E+00	2.24E-01	1.97E-02	5.03E-01	0.00E+00	3.60E-07	1.70E-07	1.02E-02	9.52E-07	4.00E-00	0.00E+00	5.03E-01	1.63E-05	5.03E-01	5.40E-01	4.00E-00	0.00E+00	0.00E+00	0.00E+00	7.87E-02
UN81B4	1.73E-03	3.50E-00	1.26E-01	3.57E-00	0.00E+00	0.00E+00	2.97E-01	6.48E-05	4.71E-03	3.74E-02	0.00E+00	-1.51E-03	5.17E-09	7.85E-08	2.17E-01	7.18E-00	1.83E-04	0.00E+00	2.24E-01	2.21E-02	4.88E-01	0.00E+00	3.77E-07	1.69E-07	1.08E-02	1.05E-07	4.00E-00	0.00E+00	4.88E-01	1.47E-05	4.88E-01	5.26E-01	4.00E-00	0.00E+00	0.00E+00	0.00E+00	7.97E-02
US31A3R1	2.25E-03	7.67E-01	1.03E-02	6.97E-01	0.00E+00	0.00E+00	1.08E-00	1.93E-06	5.79E-04	6.73E-03	0.00E+00	5.47E-05	4.81E-11	6.02E-09	3.33E-02	7.48E-01	1.83E-04	0.00E+00	1.53E-02	8.95E-04	6.42E-00	0.00E+00	5.66E-08	2.16E-04	1.73E-03	1.73E-07	3.36E-01	0.00E+00	6.42E-00	1.73E-06	6.42E-00	6.76E-00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
UT12PN	2.94E-03	4.36E-01	2.17E-02	4.17E-01	0.00E+00	0.00E+00	6.47E-00	1.36E-05	3.88E-04	4.27E-03	0.00E+00	2.49E-08	9.74E-15	1.39E-04	3.43E-02	1.15E-00	0.00E+00	0.00E+00	4.33E-02	8.75E-04	7.09E-00	0.00E+00	5.21E-08	2.30E-04	1.19E-03	8.23E-08	7.37E-01	0.00E+00	7.09E-00	1.62E-06	7.09E-00	7.79E-00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-02
UW31V	1.05E-02	1.81E-00	7.41E-02	1.74E-00	0.00E+00	0.00E+00	1.43E-01	2.91E-05	4.03E-03	1.75E-02	0.00E+00	-1.78E-03	2.96E-09	6.05E-08	1.08E-01	3.87E-00	9.05E-05	0.00E+00	1.11E-01	2.44E-02	2.29E-01	0.00E+00	1.80E-07	8.02E-04	4.90E-03	8.28E-07	1.06E-00	0.00E+00	2.29E-01	5.74E-06	2.29E-01	2.49E-01	1.99E-00	0.00E+00	0.00E+00	0.00E+00	3.82E-02
UW41U	1.18E-02	1.88E-00	7.41E-02	1.80E-00	0.00E+00	0.00E+00	1.43E-01	3.04E-05	4.03E-03	1.82E-02	0.00E+00	-1.86E-03	2.92E-09	6.15E-08	1.08E-01	3.87E-00	9.05E-05	0.00E+00	1.11E-01	2.47E-02	2.29E-01	0.00E+00	1.87E-07	8.36E-04	5.19E-03	1.05E-07	1.09E-00	0.00E+00	2.29E-01	5.74E-06	2.29E-01	2.49E-01	1.99E-00	0.00E+00	0.00E+00	0.00E+00	4.01E-02
UW51U	1.28E-02	2.28E-00	9.18E-02	2.18E-00	0.00E+00	0.00E+00	1.83E-01	3.71E-05	4.85E-03	2.18E-02	0.00E+00	-1.89E-03	3.49E-09	6.88E-08	1.37E-01	4.59E-00	2.73E-04	0.00E+00	1.41E-01	2.79E-02	2.87E-01	0.00E+00	2.25E-07	9.98E-04	6.14E-03	1.05E-06	1.09E-00	0.00E+00	2.87E-01	7.19E-06	2.87E-01	3.12E-01	2.52E-00	0.00E+00	0.00E+00	0.00E+00	4.83E-02
UW51U1	1.03E-02	2.11E-00	7.80E-02	2.04E-00	0.00E+00	0.00E+00	1.70E-01	3.45E-05	3.21E-03	2.04E-02	0.00E+00	-1.16E-03	3.20E-09	5.88E-08	1.29E-01	4.11E-00	2.73E-04	0.00E+00	1.29E-01	1.81E-02	2.09E-01	0.00E+00	2.17E-07	9.18E-04	5.85E-03	7.96E-07	2.37E-00	0.00E+00	2.09E-01	6.82E-06	2.68E-01	2.92E-01	2.31E-00	0.00E+00	0.00E+00	0.00E+00	4.36E-02
UW51V	1.37E-02	2.48E-00	1.02E-01	2.38E-00	0.00E+00	0.00E+00	1.54E-01	4.33E-05	5.03E-03	2.39E-02	0.00E+00	-1.93E-03	3.78E-09	7.55E-08	1.53E-01	5.15E-00	9.05E-05	0.00E+00	1.62E-01	2.69E-02	3.21E-01	0.00E+00	2.50E-07	1.11E-07	6.71E-03	6.68E-07	2.87E-00	0.00E+00	3.21E-01	7.88E-06	3.21E-01	3.50E-01	2.87E-00	0.00E+00	0.00E+00	0.00E+00	5.37E-02
UW61U	1.44E-02	2.87E-00	1.04E-01	2.57E-00	0.00E+00	0.00E+00	1.73E-01	4.31E-05	5.20E-03	2.58E-02	0.00E+00	-1.93E-03	4.07E-09	7.54E-08	1.62E-01	5.32E-00	2.73E-04	0.00E+00	1.64E-01	2.79E-02	3.38E-01	0.00E+00	2.65E-07	1.16E-07	7.21E-03	1.06E-06	2.94E-00	0.00E+00	3.38E-01	8.38E-06	3.38E-01	3.67E-01	2.94E-00	0.00E+00	0.00E+00	0.00E+00	5.93E-02
UW61U1	1.28E-03	3.00E-00	9.12E-02	2.44E-00	0.00E+00	0.00E+00	2.05E-01	4.06E-05	3.56E-03	2.44E-02	0.00E+00	-1.16E-03	3.77E-09	5.73E-08	1.54E-01	4.83E-00	2.73E-04	0.00E+00	1.52E-01	1.81E-02	2.19E-01	0.00E+00	2.57E-07	1.08E-07	6.75E-03	1.05E-06	2.79E-00	0.00E+00	2.19E-01	8.08E-06	2.19E-01	3.47E-01	2.79E-00	0.00E+00	0.00E+00	0.00E+00	6.15E-02
UW61V	1.59E-02	2.99E-00	1.19E-01	2.88E-00	0.00E+00	0.00E+00	2.59E-01	5.24E-05	5.48E-03	2.89E-02	0.00E+00	-1.92E-03	4.53E-09	6.53E-08	1.86E-01	6.14E-00	9.05E-05	0.00E+00	1.95E-01	2.70E-02	3.89E-01	0.00E+00	3.02E-07	1.33E-07	8.05E-03	1.02E-06	3.46E-00	0.00E+00	3.89E-01	9.52E-06	3.89E-01	4.22E-01	3.46E-00	0.00E+00	0.00E+00	0.00E+00	6.89E-02
UW61VA	1.33E-02	2.84E-00	1.06E-01	2.74E-00	0.00E+00	0.00E+00	2.46E-01	4.94E-05	4.83E-03	2.75E-02	0.00E+00	-1.21E-03	4.30E-09	6.74E-08	1.79E-01	6.24E-00	9.05E-05	0.00E+00	1.83E-01	1.73E-02	3.70E-01	0.00E+00	2.88E-07	1.23E-07	7.56E-03	7.82E-07	3.25E-00	0.00E+00	3.70E-01	9.24E-06	3.70E-01	4.02E-01	3.25E-00	0.00E+00	0.00E+00	0.00E+00	6.25E-02
UW71U	1.66E-02	3.21E-00	1.19E-01	3.18E-00	0.00E+00	0.00E+00	2.41E-01	5.08E-05	5.67E-03	3.11E-02	0.00E+00	-1.88E-03	4.81E-09	8.31E-08	1.94E-01	6.48E-00	2.73E-04	0.00E+00	1.92E-01	2.79E-02	4.04E-01	0.00E+00	3.17E-07	1.39E-07	8.63E-03	1.15E-06	3.45E-00	0.00E+00	4.04E-01	1.02E-05	4.04E-01	4.30E-01	3.45E-00	0.00E+00	0.00E+00	0.00E+00	6.52E-02
UW71V	1.88E-02	3.62E-00	1.36E-01	3.48E-00	0.00E+00	0.00E+00	2.80E-01	6.09E-05	6.58E-03	3.48E-02	0.00E+00	-1.96E-03	5.24E-09	8.45E-08	2.21E-01	7.18E-00	9.12E-05	0.00E+00	2.21E-01	3.10E-02	4.41E-01	0.00E+00	3.60E-07	1.537E-07	9.00E-03	1.10E-06	4.05E-00	0.00E+00	4.41E-01	1.15E-05	4.41E-01	4.52E-01	4.05E-00	0.00E+00	0.00E+00	0.00E+00	7.77E-02
UW71VA	1.56E-02	3.43E-00	1.23E-01	3.31E-00	0.00E+00	0.00E+00	2.88E-01	5.84E-05	4.34E-03	3.32E-02	0.00E+00	-1.21E-03	5.01E-09	7.66E-08	2.54E-01	6.69E-00	9.05E-05	0.00E+00	2.18E-01	1.74E-02	4.43E-01	0.00E+00	3.46E-07	1.49E-07	9.11E-03	8.47E-07	3.84E-00	0.00E+00	4.43E-01	1.12E-05	4.43E-01	4.81E-01	3.84E-00	0.00E+00	0.00E+00	0.00E+00	7.33E-02
UY01R1S	5.77E-03	8.69E-01	3.97E-02	8.29E-01	0.00E+00	0.00E+00	1.78E-00	1.45E-05	2.53E-03	8.42E-03	0.00E+00	-1.05E-03	1.12E-09	3.34E-08	5.27E-02	1.88E-00	1.83E-04	0.00E+00	5.83E-02	1.58E-02	1.11E-01	0.00E+00	8.76E-08	3.94E-04	2.42E-03	5.58E-07	1.00E-00	0.00E+00	1.11E-01	2.64E-06	1.11E-01	1.21E-01	1.00E-00	0.00E+00	0.00E+00	0.00E+00	1.94E-02
UY02R2N	6.26E-03	1.18E-00	4.01E-02	1.14E-00	0.00E+00	0.00E+00	9.70E-00	1.93E-06	2.94E-03	1.15E-02	0.00E+00	5.41E-05	1.95E-09	3.46E-08	7.36E-02	2.38E-00	1.83E-04	0.00E+00	7.39E-01	1.19E-03	1.90E-01	0.00E+00	1.19E-07	5.19E-04	3.18E-03	2.44E-07	1.33E-00	0.00E+00	1.90E-01	3.61E-06	1.90E-01	1.36E-01	1.33E-00	0.00E+00	0.00E+00	0.00E+00	2.51E-02
UY02R2S	1.09E-02	1.44E-00	5.37E-02	1.37E-00	0.00E+00	0.00E+00	1.05E-01	2.34E-05	3.54E-03	1.40E-02	0.00E+00	-1.26E-03	1.98E-09	4.93E-08	1.62E-01	3.18E-00	1.83E-04	0.00E+00	2.99E-01	3.03E-02	4.01E-01	0.00E+00	3.50E-07	1.63E-07	9.75E-03	1.05E-06	2.02E-00	0.00E+00	4.01E-01	1.04E-05	4.01E-01	1.84E-01	2.02E-00	0.00E+00	0.00E+00	0.00E+00	3.12E-02
UY31J1N	3.36E-02	6.33E-00	1.62E-01	6.37E-00	0.00E+00	0.00E+00	3.58E-01	6.81E-05	1.53E-02	5.87E-02	0.00E+00	-1.80E-04	6.98E-09	1.79E-07	2.49E-01	9.81E-00	5.43E-04	0.00E+00	2.79E-01	7.98E-02	5.49E-01	0.00E+00	4.45E-07	2.13E-07	1.56E-02	9.79E-07	5.00E+00	0.00E+00	5.49E-01	1.23E-05	4.59E-01	5.99E-01	5.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-02
UY32A3N	1.16E-01	1.12E-01	2.03E-00	9.13E-00	0.00E+00	0.00E+00	8.17E-01	1.60E-04	7.22E-02	8.89E-02	0.00E+00	-2.23E-01	1.94E-08	8.27E-07	4.41E-01	2.50E-01	2.10E-04	0.00E+00	7.41E-01	2.88E-00	9.92E-01	0.00E+00	7.61E-07	4.26E-07	2.76E-02	6.59E-05	1.28E-01	0.00E+00	9.92E-01	4.93E-00	9.92E-01	1.11E-02	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.77E-03
UZ00S	2.20E-03	3.09E-01	4.81E-03	3.04E-01	0.00E+00	0.00E+00	6.48E-01	2.44E-06	2.64E-04	3.04E-03	0.00E+00	7.83E-02	1.07E-10	1.07E-10	1.64E-02	6.23E-01	0.00E+00	0.00E+00	3.32E-01	3.70E-03	3.44E-00	0.00E+00	2.70E-08	1.937E-04	8.72E-04	2.63E-08	1.81E-01	0.00E+00	3.44E-00	1.60E-06	3.44E-00	3.96E-00	1.81E-0				

FW636FT	6.10E+02	1.23E+01	1.01E+00	1.13E+01	0.00E+00	0.00E+00	2.95E+02	-2.48E-01	1.88E-02	1.12E+01	0.00E+00	-4.56E-05	5.76E-04	4.77E+07	1.58E+00	4.44E+01	0.00E+00	0.00E+00	1.80E+02	-1.63E-02	2.58E+02	0.00E+00	2.23E-08	3.70E+01	1.26E+02	-1.07E-05	3.09E+01	0.00E+00	2.58E+02	8.83E-05	2.86E+02	2.89E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	5.27E+03	
FWB31D1	-2.36E+02	-3.84E+00	-3.21E-02	3.60E+00	0.00E+00	0.00E+00	-1.22E+01	-1.74E-03	3.29E-03	3.95E+02	0.00E+00	-6.23E-18	4.77E-08	-1.61E+01	-3.34E-02	-1.68E+01	0.00E+00	0.00E+00	-3.00E+01	-1.16E+01	-4.20E+01	0.00E+00	-1.26E+01	-4.05E+07	-2.25E+02	0.00E+00	-4.37E+00	0.00E+00	-4.20E+01	-9.19E-05	-4.20E+01	-4.64E+01	-4.37E+00	0.00E+00	0.00E+00	0.00E+00	-1.30E+03	
FWB31S	-3.20E+02	-2.98E+00	8.88E-02	-7.00E+00	0.00E+00	0.00E+00	7.86E+00	-2.38E-03	-3.15E-03	8.62E+02	0.00E+00	-3.36E-04	6.43E-01	-1.78E+07	-1.46E+01	-2.61E+01	0.00E+00	0.00E+00	3.44E+01	-1.50E+01	-7.18E+01	0.00E+00	-1.66E+07	-5.61E+07	-3.40E+02	1.28E+04	-6.81E+00	0.00E+00	-2.18E+01	-1.25E+04	-7.18E+01	-7.76E+01	-6.81E+00	0.00E+00	0.00E+00	0.00E+00	-1.54E+03	
FWB32D1	-2.96E+02	-2.59E+00	-2.34E-02	-2.51E+00	0.00E+00	0.00E+00	2.33E+01	-2.27E-03	4.36E-03	1.781E+02	0.00E+00	2.34E+10	-7.11E-04	-2.44E+07	-5.52E-02	-2.20E+01	0.00E+00	0.00E+00	-4.77E+01	1.13E+10	-1.99E+02	0.00E+00	2.62E+07	6.31E+07	-3.72E+02	0.00E+00	-8.59E+00	0.00E+00	-7.00E+01	-1.75E+01	-7.00E+01	-2.76E+01	-8.59E+00	0.00E+00	0.00E+00	0.00E+00	-2.04E+03	
FWB32M2	-7.36E+02	-1.54E+01	-3.54E-01	-1.50E+01	0.00E+00	0.00E+00	6.00E+00	-4.88E-03	6.79E-03	1.48E+01	0.00E+00	-1.06E-03	-1.43E+07	-4.53E+07	-6.82E-01	-7.47E+01	0.00E+00	0.00E+00	-9.20E+01	-2.96E+02	-1.99E+02	0.00E+00	1.96E+07	-1.28E+06	-3.71E+02	3.98E+04	-1.80E+01	0.00E+00	-1.99E+02	-2.62E+04	-1.99E+02	-7.76E+01	-1.80E+01	0.00E+00	0.00E+00	0.00E+00	-3.92E+03	
FWB32S	2.71E+02	-6.99E+00	-4.89E-02	-6.90E+00	0.00E+00	0.00E+00	1.33E+01	-2.87E-03	2.02E-04	-8.62E+02	0.00E+00	-6.44E-04	7.77E-04	-1.44E+07	-1.02E+01	-2.70E+01	0.00E+00	0.00E+00	-2.49E+01	-2.89E+01	6.89E+01	0.00E+00	3.17E+08	8.62E+02	-3.51E+02	-2.33E+04	-4.20E+00	0.00E+00	6.89E+01	-1.44E+04	6.89E+01	-7.71E+01	-4.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.27E+03	
FWB34S	-3.95E+02	-3.13E+01	-6.41E-01	-3.06E+01	0.00E+00	0.00E+00	1.27E+02	-2.42E-03	-3.13E-02	1.78E+01	0.00E+00	-1.91E-03	2.98E-07	-2.88E-04	-7.78E-01	-1.52E+02	0.00E+00	0.00E+00	-1.98E+02	-4.67E+01	-3.37E+02	0.00E+00	-1.26E+08	-2.97E+07	-1.80E+01	1.83E+04	-3.62E+01	0.00E+00	-3.37E+02	1.94E+04	-3.37E+02	-3.79E+02	-3.62E+01	0.00E+00	0.00E+00	0.00E+00	-4.34E+03	
FWB41D1	1.13E+02	1.89E+00	8.65E-02	1.80E+00	0.00E+00	0.00E+00	4.07E+01	-4.96E-03	2.15E-03	2.31E+02	0.00E+00	-3.51E-04	1.88E-10	8.97E-06	1.06E+01	-1.66E+01	0.00E+00	0.00E+00	3.02E+01	-1.62E+01	3.01E+01	0.00E+00	3.74E+07	1.14E+07	5.93E-03	-1.34E+04	1.61E+00	0.00E+00	3.01E+01	4.43E+01	3.01E+01	-1.77E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+03	
FWB41S	-9.87E+02	-6.82E+00	-3.96E-02	-6.80E+00	0.00E+00	0.00E+00	2.02E+01	-7.96E-03	-8.83E-03	1.08E+01	0.00E+00	1.11E-01	2.18E-10	-8.07E+07	2.26E+02	-1.54E+01	0.00E+00	0.00E+00	-3.00E+01	-3.95E+10	-3.01E+01	0.00E+00	9.58E+10	-7.00E+07	-3.00E+02	0.00E+00	-8.59E+00	0.00E+00	-7.00E+01	-2.17E+04	-7.00E+01	-4.24E+01	-8.59E+00	0.00E+00	0.00E+00	0.00E+00	-2.46E+03	
FWB42D1	-2.36E+02	-4.42E+00	8.79E-03	-4.43E+00	0.00E+00	0.00E+00	8.09E+01	-1.92E-03	-3.81E-03	4.44E+02	0.00E+00	-5.71E-18	1.52E-08	-1.51E+07	5.09E+02	-1.54E+01	0.00E+00	0.00E+00	-2.39E+01	-9.89E-18	-3.09E+01	0.00E+00	2.86E+08	-4.13E+07	-2.45E+02	0.00E+00	-3.18E+00	0.00E+00	-3.09E+01	-9.89E-18	-3.09E+01	-3.40E+01	-3.18E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E+03	
FWB42K1	-2.08E+01	-1.93E+01	2.15E+01	-1.96E+01	0.00E+00	0.00E+00	6.83E+01	-1.04E-02	-1.81E-02	2.17E+01	0.00E+00	4.36E+01	-1.66E+07	-1.10E+06	3.09E+01	-1.11E+02	0.00E+00	0.00E+00	-1.23E+02	-1.58E+02	-1.93E+02	0.00E+00	8.47E+07	-1.81E+06	-8.64E-03	-1.05E+05	2.54E+01	0.00E+00	-1.93E+02	-1.44E+04	-1.93E+02	2.15E+02	-2.54E+01	0.00E+00	0.00E+00	0.00E+00	-4.51E+03	
FWB42K5	6.27E+02	8.97E+01	2.30E+01	5.76E+01	0.00E+00	0.00E+00	5.90E+01	-3.95E-03	1.73E-04	-3.98E-03	0.00E+00	-8.31E-09	-4.32E-08	2.69E+07	4.45E+01	7.36E+01	0.00E+00	0.00E+00	1.82E+01	-2.97E-02	3.09E+01	0.00E+00	6.06E+07	-1.63E+01	-1.30E+02	-1.95E+05	5.06E+00	0.00E+00	5.08E+01	-1.38E+04	5.06E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E+02	
FWB42M2	-4.02E+03	-3.72E+00	-3.30E-02	-3.68E+00	0.00E+00	0.00E+00	3.94E+01	-1.80E-03	1.30E-03	2.19E+02	0.00E+00	-7.20E-03	4.98E-08	8.29E-09	7.02E-02	7.83E+01	0.00E+00	0.00E+00	-3.22E+01	-1.87E+01	5.93E+01	0.00E+00	4.65E+07	2.14E+07	-1.88E+02	-4.37E+04	6.89E+00	0.00E+00	-3.22E+01	-4.47E+02	-3.22E+01	-5.94E+01	6.89E+00	0.00E+00	0.00E+00	0.00E+00	3.72E+03	
FWB42P2	-3.72E+02	-6.80E+00	-1.40E-01	-6.88E+00	0.00E+00	0.00E+00	4.96E+01	-1.12E-03	-3.92E-03	6.46E+02	0.00E+00	-9.87E-04	-8.50E-08	-3.21E+07	2.28E+01	-4.96E+01	0.00E+00	0.00E+00	-3.22E+01	-4.47E+01	-9.66E+01	0.00E+00	2.56E+08	-6.17E+07	-3.95E+02	3.83E+04	-8.25E+00	0.00E+00	-3.95E+02	-1.67E+04	-8.25E+00	-1.05E+02	-3.25E+00	0.00E+00	0.00E+00	0.00E+00	-1.58E+03	
FWB42S	-3.85E+02	1.24E+01	4.80E+01	1.18E+01	0.00E+00	0.00E+00	1.10E+02	-8.80E-03	7.05E-03	1.27E+02	0.00E+00	-7.80E-19	7.79E-09	-2.62E+01	8.01E+01	-4.54E+02	0.00E+00	0.00E+00	7.59E+01	7.11E+18	1.65E+02	0.00E+00	1.29E+08	3.94E+07	1.90E+02	0.00E+00	1.17E+01	0.00E+00	1.65E+02	-2.22E+04	1.65E+02	1.75E+02	1.17E+01	0.00E+00	0.00E+00	0.00E+00	2.47E+03	
FWB43S	-1.77E+01	-8.77E+00	-3.42E-01	-8.44E+00	0.00E+00	0.00E+00	6.64E+00	-1.73E-02	-1.07E-02	1.35E+01	0.00E+00	-2.41E-03	-1.19E+07	-1.81E+06	-6.64E-01	-1.57E+02	0.00E+00	0.00E+00	-4.12E+01	-1.12E+02	-1.95E+02	0.00E+00	2.24E+07	-1.03E+06	-6.64E-03	-9.16E+04	-2.16E+01	0.00E+00	-1.95E+02	-8.85E+04	-1.95E+02	-1.76E+02	-2.16E+01	0.00E+00	0.00E+00	0.00E+00	2.25E+03	
FWB44S	3.50E+02	1.23E+01	-1.32E-01	-1.22E+01	0.00E+00	0.00E+00	8.03E+01	-4.69E-03	4.07E-03	6.99E+02	0.00E+00	-2.10E-03	-1.15E+07	-8.89E+08	2.49E+01	-1.57E+02	0.00E+00	0.00E+00	-2.54E+00	-9.71E+01	-1.19E+02	0.00E+00	6.04E+07	-9.10E+07	6.79E+02	0.00E+00	-1.84E+01	0.00E+00	-1.19E+02	-2.33E+04	-1.19E+02	-1.94E+02	-1.84E+01	0.00E+00	0.00E+00	0.00E+00	-7.76E+02	
FWB51D1	1.90E+02	1.58E+02	1.05E+02	-2.00E+04	0.00E+00	0.00E+00	3.70E+01	-5.33E-04	5.07E-04	1.66E+02	0.00E+00	-3.86E-04	-3.84E-08	-3.36E+06	5.82E+01	-2.06E+01	0.00E+00	0.00E+00	-1.81E+01	-1.730E+04	-9.98E+00	0.00E+00	2.75E+07	-2.39E+06	3.76E-03	1.40E+04	-3.76E+02	0.00E+00	9.44E+00	-2.39E+04	-3.76E+02	9.44E+00	-3.76E+02	3.75E+02	0.00E+00	0.00E+00	0.00E+00	5.84E+02
FWB51S	1.36E+02	6.43E+00	3.31E+01	6.10E+00	0.00E+00	0.00E+00	9.02E+01	-4.40E-03	4.08E-03	4.12E+02	0.00E+00	-4.39E-03	7.75E-03	-3.19E+07	5.23E+01	-6.15E+02	0.00E+00	0.00E+00	5.97E+01	-1.58E+02	1.06E+02	0.00E+00	8.06E+07	2.68E+07	1.14E+02	-1.05E+05	7.30E+00	0.00E+00	1.06E+02	-1.07E+04	1.06E+02	1.14E+02	7.30E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+03	
FWB51T1S	-1.02E+01	-1.12E+01	-1.15E+01	-1.11E+01	0.00E+00	0.00E+00	4.41E+01	-8.16E-03	-1.10E-02	1.34E+01	0.00E+00	3.96E-19	-1.05E-07	-8.87E+07	9.89E+02	-4.63E+01	0.00E+00	0.00E+00	-7.58E+01	1.41E+18	-1.03E+02	0.00E+00	-4.07E+07	-9.77E+07	-6.97E-03	0.00E+00	-1.19E+01	0.00E+00	-1.03E+02	-3.22E+04	-1.03E+02	-1.15E+02	-1.19E+01	0.00E+00	0.00E+00	0.00E+00	-3.25E+03	
FWB52D1	3.94E+01	1.20E+00	1.66E+01	1.03E+00	0.00E+00	0.00E+00	4.66E+01	-5.52E-04	1.19E-03	1.05E+02	0.00E+00	2.47E-18	-2.43E-08	1.85E-08	3.15E+01	4.97E+00	0.00E+00	0.00E+00	1.92E+01	8.49E+08	4.00E+01	0.00E+00	4.13E+07	-3.59E+08	3.53E-03	0.00E+00	4.50E+00	0.00E+00	4.00E+01	-3.32E+05	4.00E+01	2.49E+01	4.50E+00	0.00E+00	0.00E+00	0.00E+00	5.23E+02	
FWB52K1	1.95E+02	1.61E+01	1.85E+01	1.50E+01	0.00E+00	0.00E+00	3.90E+01	-4.26E-03	1.54E-03	1.05E+01	0.00E+00	-8.31E-05	1.62E-08	-1.79E+07	3.45E+01	-4.96E+01	0.00E+00	0.00E+00	-3.22E+01	-3.95E+02	2.11E+02	0.00E+00	6.84E+07	-6.49E+07	3.95E+02	1.84E+01	-6.84E+00	0.00E+00	2.11E+02	-7.59E+02	3.95E+02	2.11E+02	6.84E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+03	
FWB52K5	-1.32E+01	-2.09E+01	-2.08E+01	-2.07E+01	0.00E+00	0.00E+00	6.99E+01	-8.47E-03	-1.88E-02	2.23E+01	0.00E+00	8.19E-19	-2.04E+07	-8.81E+07	-1.72E+01	-3.38E+01	0.00E+00	0.00E+00	-1.38E+02	3.13E+18	-1.95E+02	0.00E+00	-3.15E+07	-1.79E+08	-1.07E+01	0.00E+00	-1.45E+01	0.00E+00	-1.95E+02	-4.43E+04	-1.95E+02	-2.09E+02	-1.45E+01	0.00E+00	0.00E+00	0.00E+00	-8.85E+03	
FWB52M2	-1.05E+01	-1.82E+01	-1.81E+01	-1.78E+01	0.00E+00	0.00E+00	6.42E+01	-7.54E-03	-1.29E-02	1.91E+01	0.00E+00	1.39E-18	2.99E+07	8.31E+07	-1.24E+01	-3.98E+01	0.00E+00	0.00E+00	-1.38E+02	5.17E+18	-1.94E+02	0.00E+00	4.86E+07	-1.78E+08	-1.02E+01	0.00E+00	-1.52E+01	0.00E+00	-1.94E+02	-3.99E+04	-1.94E+02	-2.09E+02	-1.52E+01	0.00E+00	0.00E+00	0.00E+00	8.84E+03	
FWB52N	6.34E+02	1.34E+01	6.24E+01	1.26E+01	0.00E+00	0.00E+00	1.78E+02	-3.81E-04	1.21E-02	1.34E+01	0.00E+00	7.46E-18	2.40E-08	1.80E+07	1.09E+00	-1.27E+01	0.00E+00	0.00E+00	1.24E+02	2.98E+11	2.19E+02	0.00E+00	1.66E+08	7.02E+07	3.76E-03	0.00E+00	1.83E+01	0.00E+00	2.19E+02	5.43E+00	2.19E+02							

FWU32L	1.80E-02	2.85E-02	1.65E-01	2.65E-02	0.00E+00	0.00E+00	4.75E-01	8.86E-02	3.02E-03	3.30E-02	0.00E+00	1.96E-18	4.06E-09	1.02E-07	2.81E-01	-0.03E-01	0.00E+00	0.00E+00	3.28E-01	6.89E-18	5.64E-01	0.00E+00	4.28E-07	1.59E-07	5.28E-03	0.00E+00	-1.52E-09	0.00E+00	5.64E-01	1.38E-05	5.64E-01	5.49E-01	-1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-03
FWU32M	-2.99E-02	-3.82E-02	1.02E-01	-3.72E-02	0.00E+00	0.00E+00	2.37E-01	-2.71E-03	1.16E-04	-3.49E-02	0.00E+00	-3.29E-08	-7.29E-09	-1.39E-07	2.03E-01	-6.02E-01	0.00E+00	0.00E+00	-1.77E-01	-1.17E-02	-1.79E-01	0.00E+00	1.75E-07	-5.13E-07	-2.79E-02	-7.68E-06	-1.08E-01	0.00E+00	-1.79E-01	-1.59E-04	-1.79E-01	2.97E-01	-1.08E-01	0.00E+00	0.00E+00	-1.02E-03	
FWU32S	-8.71E-02	-3.42E-01	1.45E-01	-8.87E-01	0.00E+00	0.00E+00	1.42E-01	-0.89E-02	-3.70E-03	-3.09E-02	0.00E+00	-3.26E-05	-6.00E-08	-8.99E-07	2.90E-01	-3.91E-01	0.00E+00	0.00E+00	-1.17E-01	-1.17E-02	1.17E-01	0.00E+00	3.42E-07	-1.44E-07	-2.85E-02	-7.68E-06	5.16E-01	0.00E+00	1.17E-01	-3.21E-04	1.17E-01	1.32E-01	1.58E-01	0.00E+00	0.00E+00	-8.16E-02	
FWU33S	-3.46E-02	1.49E-01	8.69E-01	1.39E-01	0.00E+00	0.00E+00	1.37E-01	-1.13E-02	7.59E-03	7.65E-02	0.00E+00	3.11E-19	6.89E-09	-1.91E-09	9.32E-01	9.99E-01	0.00E+00	0.00E+00	9.27E-01	1.07E-17	1.99E-02	0.00E+00	1.51E-08	4.02E-07	2.70E-02	0.00E+00	1.58E-01	0.00E+00	1.99E-02	-1.89E-04	1.99E-02	4.16E-01	-1.99E-02	0.00E+00	0.00E+00	3.09E-03	
FWU41L	-2.99E-02	-4.94E-02	5.69E-02	-4.89E-02	0.00E+00	0.00E+00	1.05E-01	-2.02E-03	-4.83E-03	-3.16E-02	0.00E+00	3.96E-09	-5.99E-08	-1.19E-07	1.11E-01	-1.43E-01	0.00E+00	0.00E+00	3.70E-01	-7.36E-02	-1.99E-01	0.00E+00	1.89E-07	-4.81E-07	0.00E+00	0.00E+00	1.00E+00	0.00E+00	-4.18E-01	-2.05E-04	1.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.57E-03		
FWU41S	-1.59E-01	-1.37E-01	-2.35E-01	-1.34E-01	0.00E+00	0.00E+00	-6.36E-01	-8.79E-03	-1.29E-02	-1.55E-01	0.00E+00	-4.23E-04	-1.22E-07	-9.51E-07	-3.86E-01	-9.89E-01	0.00E+00	0.00E+00	-6.02E-01	-1.98E-01	-1.59E-02	0.00E+00	6.63E-07	-1.19E-04	3.02E-03	-1.63E-04	-2.08E-01	0.00E+00	-1.59E-02	-3.99E-04	-1.59E-02	-1.79E-02	2.08E-01	0.00E+00	0.00E+00	-3.79E-03	
FWU41K	1.99E-02	7.24E-02	3.15E-01	6.92E-02	0.00E+00	0.00E+00	4.84E-01	-2.92E-03	5.77E-03	8.27E-02	0.00E+00	-4.58E-09	7.63E-09	-8.19E-08	5.21E-01	-6.13E-01	0.00E+00	0.00E+00	5.83E-01	-1.63E-02	1.09E-02	0.00E+00	8.26E-07	2.93E-07	1.98E-03	1.07E-05	1.59E-02	0.00E+00	1.09E-02	3.78E-05	1.06E-02	1.98E-02	1.59E-02	0.00E+00	0.00E+00	2.05E-03	
FWU42K	4.99E-02	-3.70E-02	1.20E-01	-3.62E-02	0.00E+00	0.00E+00	2.53E-01	-5.47E-03	-3.94E-03	-5.95E-02	0.00E+00	3.12E-18	8.15E-08	-4.53E-07	2.77E-01	-4.13E-01	0.00E+00	0.00E+00	-2.44E-01	1.09E-17	-1.78E-01	0.00E+00	2.36E-07	6.23E-07	-3.60E-02	0.00E+00	-7.88E-02	0.00E+00	-1.78E-01	-2.23E-04	-1.78E-01	2.26E-01	-7.88E-02	0.00E+00	0.00E+00	-1.39E-03	
FWU42K1	6.78E-03	1.17E-01	4.83E-01	1.13E-01	0.00E+00	0.00E+00	1.23E-01	-4.32E-03	8.73E-03	9.42E-02	0.00E+00	-3.26E-09	1.06E-08	-2.38E-07	8.31E-01	-4.69E-01	0.00E+00	0.00E+00	7.87E-01	-1.17E-02	1.97E-02	0.00E+00	1.29E-07	-4.58E-07	0.00E+00	0.00E+00	1.00E+00	0.00E+00	1.87E-02	2.54E-05	1.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03		
FWU42K2	-1.37E-01	-1.84E-01	-1.77E-01	-1.62E-01	0.00E+00	0.00E+00	-6.63E-01	-1.09E-02	-1.98E-02	-1.91E-01	0.00E+00	-8.83E-18	-1.77E-07	-1.14E-06	-1.81E-01	-7.79E-01	0.00E+00	0.00E+00	-1.23E-02	-1.00E-11	-1.70E-02	0.00E+00	6.22E-07	-1.59E-08	-8.28E-02	0.00E+00	-1.97E-01	0.00E+00	-1.70E-02	-4.97E-04	-1.70E-02	-1.90E-02	-1.97E-01	0.00E+00	0.00E+00	-8.28E-03	
FWU42K3	-0.96E-02	-2.02E-01	-1.81E-01	-2.02E-01	0.00E+00	0.00E+00	-6.24E-01	-6.37E-03	-1.33E-02	1.93E-01	0.00E+00	-6.29E-04	-1.77E-07	-9.37E-07	-6.02E-01	-1.94E-02	0.00E+00	0.00E+00	-1.23E-02	-2.83E-07	-2.22E-02	0.00E+00	7.84E-07	-1.87E-08	-6.43E-03	2.31E-04	3.74E-01	0.00E+00	-2.22E-02	-3.49E-04	-2.22E-02	-2.00E-02	-3.74E-01	0.00E+00	0.00E+00	-4.12E-03	
FWU42L	1.99E-02	3.77E-02	1.41E-01	3.61E-02	0.00E+00	0.00E+00	5.88E-01	1.24E-04	3.69E-03	4.97E-02	0.00E+00	-3.17E-04	5.40E-09	1.29E-07	2.26E-01	-1.83E-02	0.00E+00	0.00E+00	4.20E-01	-1.47E-11	5.93E-01	0.00E+00	5.37E-07	2.24E-07	1.13E-02	-1.21E-04	5.12E-02	0.00E+00	5.93E-01	1.88E-05	5.93E-01	6.04E-01	5.12E-02	0.00E+00	0.00E+00	1.47E-03	
FWU42M	1.19E-03	1.02E-01	4.85E-01	6.89E-02	0.00E+00	0.00E+00	1.29E-01	-4.73E-03	7.97E-03	7.69E-02	0.00E+00	-3.29E-09	1.26E-08	-2.81E-07	8.22E-01	-3.02E-02	0.00E+00	0.00E+00	8.94E-01	-1.17E-02	1.12E-02	0.00E+00	1.32E-08	4.73E-07	2.25E-02	-7.68E-06	1.22E-01	0.00E+00	1.12E-02	-9.99E-02	1.72E-02	1.84E-02	1.22E-01	0.00E+00	0.00E+00	3.04E-03	
FWU42S1	-6.78E-02	-3.49E-02	9.95E-02	-7.59E-02	0.00E+00	0.00E+00	1.78E-01	-1.89E-03	-7.29E-03	-3.24E-02	0.00E+00	-8.95E-09	-9.99E-08	-7.37E-07	2.02E-01	-1.54E-01	0.00E+00	0.00E+00	-3.59E-01	-3.79E-18	-3.51E-01	0.00E+00	1.12E-07	-7.79E-07	-6.42E-07	0.00E+00	-1.08E-01	0.00E+00	-3.51E-01	-3.01E-04	-3.51E-01	-4.99E-01	-1.38E-01	0.00E+00	0.00E+00	-1.87E-03	
FWU43K	-0.93E-02	-8.13E-02	2.85E-02	-8.13E-02	0.00E+00	0.00E+00	4.97E-01	-9.39E-03	-7.21E-03	-9.39E-02	0.00E+00	-1.11E-03	-1.12E-07	-7.91E-07	3.95E-02	-6.31E-01	0.00E+00	0.00E+00	-1.54E-01	-5.07E-01	-6.99E-01	0.00E+00	3.75E-07	-7.87E-07	-6.23E-02	-4.09E-04	-6.19E-02	0.00E+00	-6.99E-01	-3.19E-04	-6.99E-01	-6.70E-01	-6.19E-02	0.00E+00	0.00E+00	-1.17E-03	
FWU43S	-7.98E-02	8.82E-02	3.77E-01	8.49E-02	0.00E+00	0.00E+00	1.59E-02	-1.33E-02	4.84E-03	3.99E-02	0.00E+00	-1.36E-03	7.90E-09	-1.18E-06	5.68E-01	-4.69E-01	0.00E+00	0.00E+00	1.09E-02	-6.21E-01	1.49E-02	0.00E+00	1.57E-06	3.70E-07	1.91E-02	5.07E-04	1.96E-02	0.00E+00	1.49E-02	-3.43E-04	1.49E-02	1.42E-01	2.99E-02	0.00E+00	0.00E+00	3.81E-03	
FWU51L	-2.14E-02	2.37E-02	1.37E-01	2.23E-02	0.00E+00	0.00E+00	5.01E-01	9.97E-09	2.72E-03	2.99E-02	0.00E+00	-1.99E-04	4.29E-09	1.08E-07	1.52E-01	-6.69E-01	0.00E+00	0.00E+00	3.42E-01	-7.26E-02	4.91E-01	0.00E+00	5.06E-07	1.47E-07	8.22E-03	0.00E+00	-2.31E-02	0.00E+00	4.91E-01	1.27E-05	4.91E-01	4.36E-01	1.39E-02	0.00E+00	0.00E+00	1.20E-03	
FWU51S	1.24E-02	3.99E-02	1.31E-01	3.60E-02	0.00E+00	0.00E+00	2.66E-01	-2.22E-03	-6.05E-04	-4.71E-02	0.00E+00	5.29E-08	6.89E-08	-1.11E-07	2.42E-01	-1.68E-02	0.00E+00	0.00E+00	1.00E+00	-4.57E-01	-2.91E-02	0.00E+00	1.50E-07	-4.37E-07	-6.49E-03	0.00E+00	1.00E+00	0.00E+00	-4.03E-01	-1.27E-04	-4.03E-01	-4.29E-01	-2.91E-02	0.00E+00	0.00E+00	-7.92E-02	
FWU51S1	2.71E-02	4.49E-02	-1.45E-02	-4.39E-02	0.00E+00	0.00E+00	2.44E-01	-2.47E-03	-3.05E-03	-3.59E-02	0.00E+00	-4.92E-04	6.70E-04	-1.31E-07	-1.35E-02	-7.38E-01	0.00E+00	0.00E+00	-1.51E-01	-2.27E-01	-5.01E-01	0.00E+00	8.96E-08	-5.19E-07	-3.16E-02	-1.87E-04	-1.00E-01	0.00E+00	6.01E-01	-1.23E-04	-6.01E-01	6.01E-01	-1.00E-01	0.00E+00	0.00E+00	4.71E-02	
FWU52K	3.91E-02	8.49E-02	4.18E-01	8.99E-02	0.00E+00	0.00E+00	1.55E-02	-1.97E-03	8.69E-03	3.98E-02	0.00E+00	-4.95E-04	1.89E-08	9.29E-08	6.34E-01	-5.99E-01	0.00E+00	0.00E+00	1.09E-02	-3.16E-01	1.92E-02	0.00E+00	1.49E-08	5.37E-07	2.81E-03	2.58E-04	6.99E-02	0.00E+00	1.92E-02	1.55E-05	1.55E-02	1.96E-02	8.99E-02	0.00E+00	0.00E+00	3.77E-03	
FWU52K1	1.99E-02	3.99E-02	3.84E-01	3.56E-02	0.00E+00	0.00E+00	1.59E-02	-1.81E-03	8.71E-03	3.79E-02	0.00E+00	-3.29E-08	-4.99E-08	-9.49E-08	6.97E-01	-8.81E-02	0.00E+00	0.00E+00	5.09E-01	-1.17E-02	1.02E-02	0.00E+00	9.87E-07	2.37E-08	-1.72E-03	-7.68E-06	9.79E-02	0.00E+00	1.02E-02	-6.68E-05	1.02E-02	1.17E-02	9.79E-02	0.00E+00	0.00E+00	1.50E-03	
FWU52K2	9.94E-03	1.94E-01	4.29E-01	9.99E-02	0.00E+00	0.00E+00	1.51E-02	-4.29E-03	8.29E-03	7.99E-02	0.00E+00	-8.93E-04	1.06E-08	-1.83E-07	6.21E-01	-1.89E-02	0.00E+00	0.00E+00	1.00E+00	-1.71E-02	1.02E-02	0.00E+00	9.87E-07	2.37E-08	-1.72E-03	-7.68E-06	9.79E-02	0.00E+00	1.02E-02	-6.68E-05	1.02E-02	1.17E-02	9.79E-02	0.00E+00	0.00E+00	1.50E-03	
FWU52K3	5.79E-03	5.95E-01	1.67E-01	3.38E-01	0.00E+00	0.00E+00	8.12E-01	-1.89E-03	4.99E-03	1.89E-02	0.00E+00	-6.59E-04	4.84E-08	4.98E-08	2.49E-01	-1.69E-02	0.00E+00	0.00E+00	3.19E-01	-3.00E-01	2.47E-01	0.00E+00	6.62E-07	-2.04E-07	-8.91E-03	2.47E-04	-1.81E-01	0.00E+00	2.47E-01	-8.17E-05	2.47E-01	6.92E-02	-1.81E-01	0.00E+00	0.00E+00	8.34E-02	
FWU52L	2.36E-02	4.93E-02	1.81E-01	4.49E-02	0.00E+00	0.00E+00	7.07E-01	1.69E-04	4.40E-03	4.94E-02	0.00E+00	-3.17E-04	6.46E-09	1.59E-07	2.88E-01	-7.02E-02	0.00E+00	0.00E+00	5.09E-01	-1.47E-01	6.83E-01	0.00E+00	6.39E-07	2.69E-07	1.39E-02	-1.27E-04	6.49E-02	0.00E+00	6.83E-01	2.19E-02	6.83E-01	7.47E-01	6.49E-02	0.00E+00	0.00E+00	1.79E-03	
FWU52M	-1.76E-02	-2.34E-01	-4.79E-01	-2.36E-01	0.00E+00	0.00E+00	-9.07E-01	-1.29E-02	-2.16E-02	-2.99E-01	0.00E+00	-1.97E-03	-2.23E-07	-1.39E-06	-4.78E-01	-8.84E-01	0.00E+00	0.00E+00	-1.59E-02	-4.98E-07	-2.99E-02	0.00E+00	9.41E-07	-2.07E-08	-1.23E-01	-4.09E-04	-2.41E-01	0.00E+00	-2.99E-02	-6.62E-04	-2.99E-02	-3.19E-02	-2.41E-01	0.00E+00	0.00E+00	-4.71E-03	
FWU52S	6.79E-02	1.18E-01	3.95E-01	1.19E-01	0.00E+00	0.00E+00	1.67E-02	3.99E-04	1.70E-02	1.25E-01	0.00E+00	9.91E-04	2.28E-08	4.23E-07	5.82E-01	-8.88E-01	0.00E+00	0.00E+00	1.17E-02	-4.93E-01	1.4																

UM51UK	1.87E+03	-8.39E+01	2.50E+02	-6.64E+01	0.00E+00	0.00E+00	7.81E+00	1.22E+05	2.30E+04	2.11E+03	0.00E+00	3.21E-19	1.10E+09	1.52E+08	3.69E+02	-7.94E+01	0.00E+00	0.00E+00	4.91E+00	1.08E+18	6.88E+00	0.00E+00	5.04E+08	-1.49E+08	6.72E+04	0.00E+00	-1.09E+01	0.00E+00	6.88E+00	2.07E+09	6.88E+00	-4.00E+00	-1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.74E+02
UM61UK	-9.84E+03	-3.13E+00	-2.08E+02	-3.11E+00	0.00E+00	0.00E+00	-6.88E+00	-5.31E+04	-1.72E+03	-2.07E+02	0.00E+00	1.97E-20	-1.49E+04	-5.49E+08	-3.08E+02	-1.05E+02	0.00E+00	0.00E+00	-1.10E+01	6.02E+20	-1.87E+01	0.00E+00	-8.86E+08	-1.89E+07	-4.93E+03	0.00E+00	-1.61E+01	0.00E+00	-1.87E+01	-2.82E+05	-1.87E+01	-3.48E+01	-1.61E+01	0.00E+00	0.00E+00	0.00E+00	-4.53E+02
UM71UK	-1.15E+02	-3.51E+00	-2.48E+02	-3.49E+00	0.00E+00	0.00E+00	4.62E+00	-4.14E+04	-2.01E+03	-2.41E+02	0.00E+00	0.00E+00	-1.73E+04	-8.33E+04	-3.70E+02	-1.09E+02	0.00E+00	0.00E+00	-1.28E+01	0.00E+00	-2.21E+01	0.00E+00	-1.07E+07	-2.15E+07	-1.04E+02	0.00E+00	-1.69E+01	0.00E+00	-2.21E+01	-3.29E+05	-2.21E+01	-3.90E+01	-1.69E+01	0.00E+00	0.00E+00	0.00E+00	-4.29E+02
UN04A	3.44E+03	8.23E+01	3.45E+02	7.94E+01	0.00E+00	0.00E+00	1.01E+01	2.01E+05	6.92E+04	7.70E+03	0.00E+00	4.08E-19	1.89E+09	2.18E+08	5.48E+02	1.85E+00	0.00E+00	0.00E+00	6.79E+00	1.38E+18	1.13E+01	0.00E+00	8.50E+08	3.73E+08	2.10E+03	0.00E+00	1.16E+00	0.00E+00	1.13E+01	2.57E+05	1.13E+01	1.24E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02
UN05A	3.19E+03	7.93E+01	3.97E+02	7.53E+01	0.00E+00	0.00E+00	1.19E+01	2.38E+05	6.98E+04	7.65E+03	0.00E+00	4.58E-19	1.97E+09	2.54E+08	6.28E+02	1.70E+00	0.00E+00	0.00E+00	7.93E+00	1.54E+18	1.09E+01	0.00E+00	9.55E+08	4.19E+08	2.14E+03	0.00E+00	1.29E+00	0.00E+00	1.29E+01	2.96E+05	1.29E+01	1.41E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	2.80E+02
UN06A	4.87E+03	1.00E+00	5.01E+02	9.52E+01	0.00E+00	0.00E+00	1.50E+01	3.00E+05	8.79E+04	9.65E+03	0.00E+00	5.75E-19	2.49E+09	3.21E+08	7.92E+02	2.25E+00	0.00E+00	0.00E+00	1.00E+01	1.94E+18	1.62E+01	0.00E+00	1.20E+07	5.29E+08	2.71E+03	0.00E+00	1.64E+00	0.00E+00	1.62E+01	3.74E+05	1.62E+01	1.78E+01	1.64E+00	0.00E+00	0.00E+00	0.00E+00	3.53E+02
UN07A	-1.32E+02	-2.40E+00	-2.67E+02	-2.38E+00	0.00E+00	0.00E+00	-2.79E+00	-6.09E+04	-2.10E+03	-2.50E+02	0.00E+00	2.15E-20	-2.24E+04	-7.92E+08	-3.45E+02	-3.73E+00	0.00E+00	0.00E+00	-1.57E+01	8.24E+20	-2.51E+01	0.00E+00	-1.08E+07	-2.05E+07	-1.21E+02	0.00E+00	-1.72E+00	0.00E+00	-2.51E+01	-4.36E+05	-2.51E+01	-2.68E+01	-1.72E+00	0.00E+00	0.00E+00	0.00E+00	-6.57E+02
UN08A	-1.51E+02	-2.78E+00	-3.08E+02	-2.78E+00	0.00E+00	0.00E+00	-6.96E+00	-9.24E+04	-2.43E+03	-2.89E+02	0.00E+00	2.15E-20	-2.56E+04	-8.08E+08	-3.98E+02	-4.29E+00	0.00E+00	0.00E+00	-1.80E+01	8.24E+20	-2.88E+01	0.00E+00	-1.24E+07	-2.35E+07	-1.36E+02	0.00E+00	-1.97E+00	0.00E+00	-2.88E+01	-5.00E+05	-2.88E+01	-3.08E+01	-1.97E+00	0.00E+00	0.00E+00	0.00E+00	-7.54E+02
UN09A	7.02E+03	1.91E+00	7.52E+02	1.43E+00	0.00E+00	0.00E+00	2.25E+01	4.50E+05	1.32E+03	1.45E+02	0.00E+00	6.83E-19	3.74E+09	4.82E+08	1.19E+01	3.58E+00	0.00E+00	0.00E+00	1.50E+01	2.92E+18	2.43E+01	0.00E+00	1.81E+07	7.92E+08	4.07E+03	0.00E+00	2.49E+00	0.00E+00	2.43E+01	5.81E+05	2.43E+01	2.68E+01	2.49E+00	0.00E+00	0.00E+00	0.00E+00	3.20E+02
UN10A	8.00E+03	1.81E+00	8.34E+02	1.73E+00	0.00E+00	0.00E+00	2.47E+01	4.94E+05	1.55E+03	1.71E+02	0.00E+00	9.47E-19	4.12E+09	5.31E+08	1.33E+01	4.45E+00	0.00E+00	0.00E+00	1.66E+01	3.29E+18	2.71E+01	0.00E+00	2.05E+07	8.92E+08	4.74E+03	0.00E+00	2.82E+00	0.00E+00	2.71E+01	6.21E+05	2.71E+01	2.99E+01	2.82E+00	0.00E+00	0.00E+00	0.00E+00	3.84E+02
UN11A	-2.12E+02	-4.03E+00	-4.36E+02	-3.95E+00	0.00E+00	0.00E+00	-1.23E+01	-1.27E+03	-3.47E+03	-4.13E+02	0.00E+00	0.00E+00	-3.55E+04	-1.25E+07	-5.70E+02	-6.30E+00	0.00E+00	0.00E+00	-2.49E+01	0.00E+00	-4.07E+01	0.00E+00	-1.76E+07	-3.29E+07	-1.94E+02	0.00E+00	-2.80E+00	0.00E+00	-4.07E+01	-8.89E+05	-4.07E+01	-4.29E+01	-2.80E+00	0.00E+00	0.00E+00	0.00E+00	-1.04E+03
UN12A	9.48E+03	2.13E+00	9.93E+02	2.03E+00	0.00E+00	0.00E+00	2.34E+01	5.89E+05	1.83E+03	2.02E+02	0.00E+00	1.18E-18	4.91E+09	6.32E+08	1.57E+01	5.29E+00	0.00E+00	0.00E+00	1.97E+01	3.89E+18	3.22E+01	0.00E+00	2.41E+07	1.09E+07	5.60E+03	0.00E+00	3.36E+00	0.00E+00	3.22E+01	7.40E+05	3.22E+01	3.96E+01	3.36E+00	0.00E+00	0.00E+00	0.00E+00	6.99E+02
UN13A	2.72E+02	-8.19E+00	-5.88E+02	-5.10E+00	0.00E+00	0.00E+00	-1.58E+01	-1.82E+03	-4.44E+03	-5.29E+02	0.00E+00	0.00E+00	-4.51E+04	-1.65E+07	-7.30E+02	-8.06E+00	0.00E+00	0.00E+00	-3.92E+01	0.00E+00	-5.14E+01	0.00E+00	-2.26E+07	-4.17E+07	-2.48E+02	0.00E+00	-3.56E+00	0.00E+00	-5.14E+01	-8.79E+05	-5.14E+01	-5.49E+01	-3.56E+00	0.00E+00	0.00E+00	0.00E+00	-1.33E+03
UN31TN	3.21E+03	4.65E+01	3.48E+02	6.16E+01	0.00E+00	0.00E+00	1.04E+01	2.07E+05	6.01E+04	6.98E+03	0.00E+00	4.06E-19	1.72E+09	2.22E+08	5.49E+02	-2.06E+00	0.00E+00	0.00E+00	6.94E+00	1.35E+18	1.12E+01	0.00E+00	8.31E+08	3.46E+08	1.83E+03	0.00E+00	6.15E+01	0.00E+00	1.12E+01	2.00E+05	6.15E+01	1.18E+01	6.15E+01	0.00E+00	0.00E+00	0.00E+00	2.45E+02
UN41B1	-1.07E+02	-3.29E+02	1.58E+02	-4.87E+02	0.00E+00	0.00E+00	7.97E+00	-1.42E+03	7.07E+03	-4.64E+04	0.00E+00	-1.12E+04	6.98E+11	-1.44E+07	2.49E+02	-6.08E+01	0.00E+00	0.00E+00	5.51E+00	-5.16E+02	7.29E+00	0.00E+00	1.02E+07	-6.33E+02	-2.31E+04	-4.23E+05	-7.88E+00	0.00E+00	7.29E+00	-3.74E+05	7.29E+00	-4.31E+01	-7.88E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+02
UN41U1	-1.67E+02	-4.92E+01	-1.20E+03	-4.91E+01	0.00E+00	0.00E+00	-6.15E+00	-1.84E+03	-8.82E+04	-1.18E+02	0.00E+00	2.95E-19	-1.28E+04	-2.03E+07	-2.48E+02	-6.81E+00	0.00E+00	0.00E+00	-2.28E+00	9.79E+18	-1.09E+00	0.00E+00	-4.22E+08	-4.48E+08	-6.81E+03	0.00E+00	-1.10E+00	0.00E+00	-1.09E+00	-5.77E+05	-1.09E+00	-2.16E+01	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-3.32E+03
UN51TN	-1.89E+02	-3.37E+00	-3.84E+02	-3.53E+00	0.00E+00	0.00E+00	-1.10E+01	-1.19E+03	-3.08E+03	-3.67E+02	0.00E+00	1.97E-20	-3.18E+04	-1.13E+07	-4.91E+02	-5.32E+00	0.00E+00	0.00E+00	-2.23E+01	6.02E+20	-3.99E+01	0.00E+00	-1.54E+07	-2.92E+07	-1.74E+02	0.00E+00	-2.44E+00	0.00E+00	-3.99E+01	-6.17E+05	-3.99E+01	-3.80E+01	-2.44E+00	0.00E+00	0.00E+00	0.00E+00	-6.32E+02
UN61B3	4.36E+03	5.81E+00	4.58E+02	1.05E+00	0.00E+00	0.00E+00	2.07E+01	4.01E+05	2.98E+03	1.73E+02	0.00E+00	9.94E-19	3.32E+09	3.96E+08	1.42E+01	5.33E+00	0.00E+00	0.00E+00	1.52E+01	3.97E+18	2.93E+01	0.00E+00	2.05E+07	7.13E+08	3.59E+03	0.00E+00	5.74E+00	0.00E+00	2.93E+01	8.41E+05	2.93E+01	3.06E+01	5.74E+00	0.00E+00	0.00E+00	0.00E+00	3.29E+02
UN61U3	-2.01E+02	-1.87E+00	3.96E+02	-1.87E+00	0.00E+00	0.00E+00	-2.90E+00	-1.98E+03	-1.37E+03	-1.75E+02	0.00E+00	3.44E-19	-1.34E+04	-2.14E+07	3.10E+02	-6.49E+01	0.00E+00	0.00E+00	-2.72E+00	1.24E+18	-4.57E+00	0.00E+00	1.66E+08	-1.39E+07	-2.58E+03	0.00E+00	-9.59E+00	0.00E+00	-4.57E+00	-6.47E+05	-4.57E+00	-1.42E+01	-6.59E+00	0.00E+00	0.00E+00	0.00E+00	-3.49E+02
UN71B3	-3.09E+02	-3.77E+00	-2.93E+02	-3.74E+00	0.00E+00	0.00E+00	-1.27E+01	-2.59E+03	-3.14E+03	-3.84E+02	0.00E+00	1.94E-19	-3.97E+04	-8.20E+07	-1.62E+02	-7.48E+01	0.00E+00	0.00E+00	-2.12E+01	7.62E+18	-2.69E+01	0.00E+00	-6.41E+08	-2.98E+07	-1.69E+02	0.00E+00	-1.22E+01	0.00E+00	-2.69E+01	-8.49E+05	-2.69E+01	-3.91E+01	-1.22E+01	0.00E+00	0.00E+00	0.00E+00	-9.13E+02
UN71B4	-1.35E+02	-3.32E+00	-4.52E+02	-3.44E+00	0.00E+00	0.00E+00	-6.36E+00	-1.05E+03	-1.12E+03	-3.01E+02	0.00E+00	-3.07E-04	-2.95E+04	-8.65E+08	-1.23E+01	-2.94E+01	0.00E+00	0.00E+00	-1.73E+01	-1.42E+18	-3.89E+01	0.00E+00	-6.36E+08	-2.49E+07	-1.48E+02	-1.17E+04	-5.57E+00	0.00E+00	-3.89E+01	-5.18E+05	-3.89E+01	-4.44E+01	-5.57E+00	0.00E+00	0.00E+00	0.00E+00	-7.50E+02
UN81B3	1.15E+02	1.48E+00	9.42E+02	1.38E+00	0.00E+00	0.00E+00	2.33E+01	4.92E+05	3.03E+03	2.29E+02	0.00E+00	1.19E-18	4.95E+09	6.30E+08	1.67E+01	7.78E+00	0.00E+00	0.00E+00	1.82E+01	4.14E+18	3.45E+01	0.00E+00	2.67E+07	7.84E+08	6.34E+03	0.00E+00	8.89E+00	0.00E+00	3.45E+01	9.44E+05	3.45E+01	2.97E+01	8.89E+00	0.00E+00	0.00E+00	0.00E+00	3.29E+02
UN81B4	-4.34E+03	-5.48E+00	-1.10E+01	-5.37E+00	0.00E+00	0.00E+00	-8.87E+01	-3.38E+03	-4.57E+03	-5.62E+02	0.00E+00	-3.07E-04	-3.96E+04	-3.77E+07	-6.99E+01	-8.84E+01	0.00E+00	0.00E+00	-2.74E+01	-1.42E+18	-5.54E+01	0.00E+00	-1.76E+07	-3.99E+07	-2.26E+02	-1.17E+04	-1.49E+01	0.00E+00	-5.54E+01	-8.00E+05	-1.49E+01	-7.00E+01	-1.49E+01	0.00E+00	0.00E+00	0.00E+00	-1.16E+03
US31A3R1	1.98E+03	3.44E+01	7.51E+03	3.38E+01	0.00E+00	0.00E+00	8.44E+01	1.98E+08	3.39E+04	3.84E+03	0.00E+00	1.38E-19	1.89E+10	2.05E+09	2.93E+02	4.33E+01	0.00E+00	0.00E+00	1.93E+00	5.32E+18	5.51E+00	0.00E+00	4.66E+08	1.69E+08	1.08E+03	0.00E+00	2.60E+01	0.00E+00	5.51E+00	1.71E+05	5.51E+00	5.77E+00	2.60E+01	0.00E+00	0.00E+00	0.00E+00	3.33E+01
UT12PN	2.03E+03	4.36E+01	2.17E+02	4.18E+01	0.00E+00	0.00E+00	6.48E+00	1.36E+05	3.81E+04	4.19E+03	0.00E+00	2.49E-19	9.74E+09	1.19E+08	3.43E+02	1.19E+00	0.00E+00	0.00E+00	4.33E+00	6.41E+18	7.02E+00	0.00E+00	5.21E+08	2.29E+08	1.17E+03	0.00E+00	7.37E+01	0.00E+00	7.02E+00	1.62E+05	7.02E+00	7.76E+00	7.37E+01	0.00E+00	0.		