Product Environmental Profile

Enclosures FWP, univers, IP44, SKII, 120PLE



Company information

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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 euqipment 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	m^3	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 ● External ○		
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.

Appendix

	Acidification (PEF-AP) - [mole of H+ equiv]	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-c) - [CTUh]	Ionising radiation, human health (PEF-IR) - [kg Bq U235 eq.]
FWB52S	2.62E-01	7.76E+01	-1.92E+00	7.95E+01	1.85E-04	0.00E+00	5.08E+03	3.26E-04	4.40E-02	4.73E-01	1.50E-01	2.34E+01	3.27E-07	1.19E-06	8.00E+01
FZ8960RMA	9.75E-03	2.83E+00	-1.52E-02	2.85E+00	0.00E+00	0.00E+00	7.78E+00	4.19E-06	1.63E-03	1.76E-02	4.38E-03	7.95E-03	3.26E-09	2.17E-08	8.47E-01
FZ8985RMA	1.41E-02	4.01E+00	-2.26E-02	4.03E+00	0.00E+00	0.00E+00	1.26E+01	7.28E-06	2.35E-03	2.53E-02	6.34E-03	1.00E-02	4.72E-09	3.18E-08	8.69E-01
FZ8911RMA	1.82E-02	5.21E+00	-2.96E-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-08	8.83E-01
FZ8913RMA	2.22E-02	6.35E+00	-3.67E-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-08	8.98E-01
FZ8916RMA	2.61E-02	7.49E+00	-4.38E-02	7.54E+00	0.00E+00	0.00E+00	2.29E+01	1.27E-05	4.37E-03	4.70E-02	1.20E-02	1.38E-02	8.91E-09	5.88E-08	9.13E-01
FZ8935ESA	6.78E-03	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	7.31E-03	2.13E-09	1.54E-08	8.34E-01
FZ8960ESA	1.10E-02	3.13E+00	-1.83E-02	3.15E+00	0.00E+00	0.00E+00	9.63E+00	5.54E-06	1.83E-03	1.97E-02	4.74E-03	8.60E-03	3.54E-09	2.47E-08	8.50E-01
FZ8985ESA	1.49E-02	4.26E+00	-2.53E-02	4.29E+00	0.00E+00	0.00E+00	1.30E+01	7.34E-06	2.49E-03	2.68E-02	6.61E-03	9.88E-03	4.93E-09	3.35E-08	8.66E-01
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-08	8.78E-01
FZ8913ESA	2.30E-02	6.61E+00	-3.94E-02	6.65E+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	5.16E-08	8.92E-01
FZ8916ESA	2.70E-02	7.75E+00	-4.64E-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-08	9.10E-01
FZ8935RRA	6.40E-03	1.80E+00	-9.08E-03	1.81E+00	0.00E+00	0.00E+00	5.98E+00	3.71E-06	1.07E-03	1.16E-02	2.73E-03	7.41E-03	2.04E-09	1.47E-08	8.37E-01
FZ8960RRA	1.06E-02	3.01E+00	-1.61E-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	8.75E-03	3.44E-09	2.40E-08	8.54E-01
FZ8985RRA	1.45E-02	4.14E+00	-2.32E-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-08	8.73E-01
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-08	8.88E-01
FZ8913RRA	2.26E-02	6.49E+00	-3.73E-02	6.53E+00	0.00E+00	0.00E+00	1.97E+01	1.10E-05	3.78E-03	4.07E-02	1.03E-02	1.28E-02	7.63E-09	5.09E-08	9.06E-01
FZ8916RRA	2.66E-02	7.63E+00	-4.43E-02	7.67E+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-08	9.21E-01
FZ8935RLA	6.40E-03	1.80E+00	-9.08E-03	1.81E+00	0.00E+00	0.00E+00	5.98E+00	3.71E-06	1.07E-03	1.16E-02	2.73E-03	7.41E-03	2.04E-09	1.47E-08	8.37E-01
FZ8960RLA	1.06E-02	3.01E+00	-1.61E-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	8.75E-03	3.44E-09	2.40E-08	8.54E-01
FZ8985RLA	1.45E-02	4.14E+00	-2.32E-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-08	8.73E-01
FZ8911RLA	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-08	8.88E-01
FZ8913RLA	2.26E-02	6.49E+00	-3.73E-02	6.53E+00	0.00E+00	0.00E+00	1.97E+01	1.10E-05	3.78E-03	4.07E-02	1.03E-02	1.28E-02	7.63E-09	5.09E-08	9.06E-01
FZ8916RLA	2.66E-02	7.63E+00	-4.43E-02	7.67E+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-08	9.21E-01
FZ912XE	3.59E-01	6.12E+01	-1.79E-01	6.13E+01	0.00E+00	0.00E+00	6.34E+02	7.78E-05	4.31E-02	4.67E-01	5.73E-02	5.74E+00	8.24E-08	7.47E-07	2.50E+00
FG22WD	1.58E+00	3.98E+02	-4.38E+00	4.03E+02	1.77E-05	0.00E+00	2.63E+03	8.83E-04	2.45E-01	2.64E+00	6.15E-01	1.23E+02	1.15E-06	3.52E-06	1.17E+02
FG23WD	1.96E+00	5.17E+02	-4.97E+00	5.22E+02	1.77E-05	0.00E+00	2.95E+03	9.60E-04	3.11E-01	3.34E+00	7.86E-01	1.32E+02	1.28E-06	4.39E-06	1.22E+02
FG24WD	2.38E+00	6.42E+02	-5.73E+00	6.47E+02	1.78E-05	0.00E+00	3.45E+03	1.28E-03	3.80E-01	4.09E+00	1.04E+00	1.51E+02	1.55E-06	5.40E-06	1.32E+02
FG24XD	2.52E+00	6.84E+02	-5.95E+00	6.90E+02	1.78E-05	0.00E+00	3.54E+03	1.31E-03	4.03E-01	4.34E+00	1.10E+00	1.52E+02	1.60E-06	5.71E-06	1.33E+02
FG25WD	2.82E+00	7.47E+02	-5.98E+00	7.53E+02	1.78E-05	0.00E+00	3.86E+03	1.50E-03	4.40E-01	4.75E+00	1.18E+00	5.92E+02	1.68E-06	6.83E-06	1.40E+02
FG26WD	3.09E+00	8.36E+02	-6.51E+00	8.42E+02	1.49E-05	0.00E+00	3.84E+03	1.31E-03	4.89E-01	5.27E+00	1.31E+00	6.01E+02	1.74E-06	7.56E-06	1.32E+02
FG26XD	3.29E+00	8.90E+02	-6.80E+00	8.97E+02	1.78E-05	0.00E+00	4.23E+03	1.60E-03	5.21E-01	5.62E+00	1.42E+00	6.03E+02	1.86E-06	7.86E-06	1.47E+02
FL220Z	1.45E-03	5.11E-01	9.81E-03	5.01E-01	7.43E-05	0.00E+00	5.02E+00	2.15E-06	3.33E-04	3.48E-03	8.93E-04	1.43E-03	7.26E-10	3.22E-09	8.47E+00
FL53SPX01	5.64E-01	1.17E+02	-8.84E-01	1.18E+02	0.00E+00	0.00E+00	1.30E+04	3.44E-04	8.05E-02	8.50E-01	2.79E-01	7.47E+01	1.08E-05	1.86E-06	1.96E+02
FL73S	6.27E-01	1.16E+02	-6.89E-01	1.17E+02	0.00E+00	0.00E+00	1.52E+04	3.91E-04	8.43E-02	8.85E-01	3.01E-01	8.00E+01	1.43E-05	2.00E-06	2.46E+02
FL73SP	8.62E-01	1.52E+02	-6.88E-01	1.52E+02	0.00E+00	0.00E+00	1.56E+04	4.06E-04	1.07E-01	1.13E+00	3.01E-01	8.56E+01	1.43E-05	2.16E-06	2.50E+02
FL74SPX01	1.18E+00	2.17E+02	7.61E-01	2.17E+02	3.87E-05	0.00E+00	1.38E+04	4.38E-04	1.49E-01	1.59E+00	3.87E-01	1.01E+02	1.47E-05	2.48E-06	2.78E+02
FP03SN2	4.42E-01	1.36E+02	-4.10E+00	1.40E+02	2.36E-04	0.00E+00	6.80E+02	1.99E-04	8.01E-02	8.56E-01	2.81E-01	2.21E+00	6.26E-07	1.02E-06	7.10E+01
FP04SN2	5.23E-01	1.60E+02	-5.08E+00	1.65E+02	2.36E-04	0.00E+00	7.87E+02	2.25E-04	9.47E-02	1.01E+00	3.36E-01	2.56E+00	7.60E-07	1.21E-06	7.21E+01
FP05SN2	6.34E-01	1.94E+02	-6.20E+00	2.00E+02	2.36E-04	0.00E+00	9.27E+02	2.59E-04	1.14E-01	1.22E+00	4.29E-01	2.93E+00	9.23E-07	1.47E-06	7.33E+01
FP22TN2	4.88E-01	1.52E+02	-3.95E+00	1.56E+02	2.62E-04	0.00E+00	7.19E+02	1.60E-04	8.74E-02	9.37E-01	2.88E-01	1.21E+00	5.85E-07	1.17E-06	4.37E+01
FP23SN2	6.09E-01	1.85E+02	-5.08E+00	1.90E+02	2.97E-05	0.00E+00	8.90E+02	2.40E-04	1.10E-01	1.18E+00	3.53E-01	2.35E+00	7.61E-07	1.42E-06	6.54E+01
FP23TN2	6.59E-01	2.04E+02	-5.28E+00	2.09E+02	2.62E-04	0.00E+00	8.85E+02	2.08E-04	1.17E-01	1.26E+00	3.94E-01	1.35E+00	7.77E-07	1.56E-06	4.49E+01
FP24S1N	5.14E-01	1.54E+02	-5.74E+00	1.60E+02	0.00E+00	0.00E+00	6.13E+02	2.46E-04	9.48E-02	1.01E+00	2.82E-01	2.69E+00	8.08E-07	1.23E-06	7.39E+01
FP24SN2	7.40E-01	2.23E+02	-6.27E+00	2.30E+02	2.97E-05	0.00E+00	1.04E+03	2.86E-04	1.33E-01	1.43E+00	4.32E-01	2.82E+00	9.34E-07	1.72E-06	7.43E+01
FP24TN2	7.99E-01	2.47E+02	-6.56E+00	2.54E+02	2.62E-04	0.00E+00	1.03E+03	2.52E-04	1.42E-01	1.52E+00	4.86E-01	1.48E+00	9.58E-07	1.89E-06	4.59E+01
FP25TN2	8.64E-01	2.58E+02	-7.51E+00	2.65E+02	2.62E-04	0.00E+00	1.14E+03	2.77E-04	1.53E-01	1.64E+00	4.94E-01	1.59E+00	1.09E-06	1.98E-06	4.60E+01
FP42QT	1.53E-01	4.73E+01	-1.56E+00	4.88E+01	3.52E-04	0.00E+00	3.29E+02	7.05E-05	2.75E-02	2.94E-01	9.49E-02	2.91E-01	2.42E-07	3.87E-07	3.01E+01
FP62QS	2.05E-01	7.03E+01	-2.10E+00	7.24E+01	2.36E-04	0.00E+00	3.62E+02	1.25E-04	3.91E-02	4.19E-01	1.30E-01	8.91E-01	3.18E-07	5.44E-07	2.76E+01
FP63QS	2.63E-01	9.04E+01	-2.83E+00	9.32E+01	2.36E-04	0.00E+00	4.24E+02	1.51E-04	5.07E-02	5.42E-01	1.73E-01	1.26E+00	4.23E-07	7.11E-07	3.17E+01
FP64QS	3.54E-01	1.18E+02	-3.51E+00	1.21E+02	2.36E-04	0.00E+00	5.22E+02	1.76E-04	6.66E-02	7.13E-01	2.15E-01	1.63E+00	5.21E-07	9.24E-07	3.55E+01
FP72QS	2.73E-01	8.40E+01	-2.18E+00	8.62E+01	2.36E-04	0.00E+00	3.91E+02	1.33E-04	5.03E-02	5.39E-01	1.47E-01	9.26E-01	3.57E-07	6.69E-07	2.95E+01
FP72SN2	2.79E-01	8.62E+01	-2.17E+00	8.83E+01	2.36E-04	0.00E+00	3.96E+02	1.37E-04	5.14E-02	5.52E-01	1.52E-01	9.56E-01	3.60E-07	6.88E-07	2.97E+01
FP73SN2	3.40E-01	1.08E+02	-2.91E+00	1.10E+02	2.36E-04	0.00E+00	4.59E+02	1.61E-04	6.35E-02	6.80E-01	1.96E-01	1.33E+00	4.65E-07	8.66E-07	3.42E+01
FP74QS	4.66E-01	1.42E+02	-3.48E+00	1.45E+02	2.36E-04	0.00E+00	5.33E+02	1.86E-04	8.57E-02	9.18E-01	2.42E-01	1.68E+00	5.72E-07	1.15E-06	3.90E+01
FP74QT	4.69E-01	1.39E+02	-3.46E+00	1.42E+02	4.68E-04	0.00E+00	5.34E+02	1.42E-04	8.45E-02	9.05E-01	2.36E-01	5.38E-01	5.68E-07	1.16E-06	3.87E+01
FP82QS	2.50E-01	7.81E+01	-2.64E+00	8.07E+01	2.36E-04	0.00E+00	4.65E+02	1.42E-04	4.60E-02	4.92E-01	1.65E-01	9.57E-01	3.92E-07	5.84E-07	3.02E+01
FP82SN2	2.54E-01	7.93E+01	-2.63E+00	8.19E+01	2.36E-04	0.00E+00	4.67E+02	1.43E-04	4.66E-02	4.98E-01	1.67E-01	9.77E-01	3.94E-07	5.98E-07	3.02E+01
FP83QT	3.39E-01	1.01E+02	-3.42E+00	1.04E+02	4.68E-04	0.00E+00	5.76E+02	1.26E-04	6.02E-02	6.42E-01	2.09E-01	4.92E-01	5.05E-07	7.83E-07	3.85E+01
FP83SN2	3.39E-01	1.05E+02	-3.44E+00	1.08E+02	2.36E-04	0.00E+00	5.75E+02	1.71E-04	6.20E-02	6.62E-01	2.18E-01	1.37E+00	5.11E-07	7.97E-07	3.59E+01

	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-ADPf) - [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	2.53E+00	2.03E-01	2.32E+00	5.76E-01	6.54E+00	2.27E+04	1.62E+02	2.89E-06	1.38E-06	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	1.10E-01	5.93E-03	1.25E-01	2.39E-02	5.92E-02	3.65E+03	8.37E-01	1.14E-08	5.01E-08	6.29E-03	1.47E-05	6.84E-01	4.34E-01	3.65E+03	3.71E-05	3.65E+03	3.65E+03	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
FZ8985RMA	1.55E-01	8.58E-03	1.67E-01	3.34E-02	8.04E-02	5.19E+03	1.41E+00	2.15E-08	7.16E-08	9.00E-03	1.81E-05	7.26E-01	6.29E-01	5.19E+03	5.38E-05	5.19E+03	5.19E+03	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
FZ8911RMA	2.01E-01	1.11E-02	2.20E-01	4.34E-02	9.73E-02	6.72E+03	1.74E+00	2.68E-08	9.24E-08	1.17E-02	2.14E-05	7.63E-01	8.16E-01	6.73E+03	6.98E-05	6.73E+03	6.73E+03	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+00
FZ8913RMA	2.47E-01	1.37E-02	2.62E-01	5.29E-02	1.14E-01	8.26E+03	2.07E+00	3.21E-08	1.12E-07	1.42E-02	2.47E-05	8.00E-01	1.00E+00	8.26E+03	8.53E-05	8.26E+03	8.26E+03	1.80E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
FZ8916RMA	2.92E-01	1.62E-02	3.04E-01	6.24E-02	1.31E-01	9.79E+03	2.40E+00	3.74E-08	1.32E-07	1.68E-02	2.80E-05	8.42E-01	1.19E+00	9.79E+03	1.01E-04	9.79E+03	9.80E+03	2.03E+00	0.00E+00	0.00E+00	0.00E+00	2.68E+00
FZ8935ESA	7.46E-02	3.86E-03	9.33E-02	1.61E-02	3.65E-02	2.50E+03	6.28E-01	1.07E-08	3.52E-08	4.33E-03	5.67E-06	6.29E-01	2.83E-01	2.50E+03	2.55E-05	2.50E+03	2.50E+03	9.12E-01	0.00E+00	0.00E+00	0.00E+00	6.91E-01
FZ8960ESA	1.20E-01	6.41E-03	1.46E-01	2.62E-02	5.35E-02	4.04E+03	9.58E-01	1.60E-08	5.60E-08	7.01E-03	8.97E-06	6.71E-01	4.70E-01	4.04E+03	4.15E-05	4.04E+03	4.04E+03	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
FZ8985ESA	1.66E-01	8.95E-03	1.88E-01	3.56E-02	7.04E-02	5.57E+03	1.29E+00	2.13E-08	7.56E-08	9.54E-03	1.22E-05	7.13E-01	6.56E-01	5.57E+03	5.70E-05	5.57E+03	5.57E+03	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
FZ8911ESA	2.12E-01	1.15E-02	2.30E-01	4.51E-02	8.72E-02	7.10E+03	1.62E+00	2.66E-08	9.54E-08	1.21E-02	1.55E-05	7.44E-01	8.43E-01	7.10E+03	7.24E-05	7.10E+03	7.11E+03	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+00
FZ8913ESA	2.57E-01	1.41E-02	2.82E-01	5.52E-02	1.04E-01	8.64E+03	1.95E+00	3.20E-08	1.16E-07	1.48E-02	1.88E-05	7.81E-01	1.03E+00	8.64E+03	8.85E-05	8.64E+03	8.64E+03	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
FZ8916ESA	3.09E-01	1.66E-02	3.24E-01	6.47E-02	1.21E-01	1.04E+04	2.28E+00	3.73E-08	1.36E-07	1.73E-02	2.22E-05	8.29E-01	1.22E+00	1.04E+04	1.04E-04	1.04E+04	1.04E+04	2.05E+00	0.00E+00	0.00E+00	0.00E+00	2.78E+00
FZ8935RRA	6.96E-02	3.70E-03	8.32E-02	1.50E-02	4.75E-02	2.31E+03	7.58E-01	1.09E-08	3.33E-08	4.08E-03	1.18E-05	6.40E-01	2.71E-01	2.31E+03	2.39E-05	2.31E+03	2.31E+03	9.11E-01	0.00E+00	0.00E+00	0.00E+00	6.44E-01
FZ8960RRA	1.15E-01	6.25E-03	1.35E-01	2.51E-02	6.46E-02	3.84E+03	1.09E+00	1.62E-08	5.41E-08	6.76E-03	1.51E-05	6.87E-01	4.58E-01	3.85E+03	3.99E-05	3.85E+03	3.85E+03	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
FZ8985RRA	1.61E-01	8.79E-03	1.78E-01	3.46E-02	8.17E-02	5.38E+03	1.42E+00	2.15E-08	7.39E-08	9.29E-03	1.84E-05	7.38E-01	6.44E-01	5.38E+03	5.54E-05	5.38E+03	5.38E+03	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
FZ8911RRA	2.07E-01	1.13E-02	2.30E-01	4.46E-02	9.87E-02	6.92E+03	1.75E+00	2.69E-08	9.47E-08	1.20E-02	2.17E-05	7.80E-01	8.31E-01	6.92E+03	7.14E-05	6.92E+03	6.92E+03	1.61E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
FZ8913RRA	2.52E-01	1.39E-02	2.72E-01	5.41E-02	1.16E-01	8.45E+03	2.08E+00	3.22E-08	1.14E-07	1.45E-02	2.50E-05	8.27E-01	1.02E+00	8.45E+03	8.69E-05	8.45E+03	8.45E+03	1.84E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
FZ8916RRA	2.98E-01	1.64E-02	3.14E-01	6.36E-02	1.33E-01	9.98E+03	2.41E+00	3.75E-08	1.34E-07	1.70E-02	2.83E-05	8.69E-01	1.20E+00	9.99E+03	1.02E-04	9.99E+03	9.99E+03	2.07E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+00
FZ8935RLA	6.96E-02	3.70E-03	8.32E-02	1.50E-02	4.75E-02	2.31E+03	7.58E-01	1.09E-08	3.33E-08	4.08E-03	1.18E-05	6.40E-01	2.71E-01	2.31E+03	2.39E-05	2.31E+03	2.31E+03	9.11E-01	0.00E+00	0.00E+00	0.00E+00	6.44E-01
FZ8960RLA	1.15E-01	6.25E-03	1.35E-01	2.51E-02	6.46E-02	3.84E+03	1.09E+00	1.62E-08	5.41E-08	6.76E-03	1.51E-05	6.87E-01	4.58E-01	3.85E+03	3.99E-05	3.85E+03	3.85E+03	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
FZ8985RLA	1.61E-01	8.79E-03	1.78E-01	3.46E-02	8.17E-02	5.38E+03	1.42E+00	2.15E-08	7.39E-08	9.29E-03	1.84E-05	7.38E-01	6.44E-01	5.38E+03	5.54E-05	5.38E+03	5.38E+03	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
FZ8911RLA	2.07E-01	1.13E-02	2.30E-01	4.46E-02	9.87E-02	6.92E+03	1.75E+00	2.69E-08	9.47E-08	1.20E-02	2.17E-05	7.80E-01	8.31E-01	6.92E+03	7.14E-05	6.92E+03	6.92E+03	1.61E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
FZ8913RLA	2.52E-01	1.39E-02	2.72E-01	5.41E-02	1.16E-01	8.45E+03	2.08E+00	3.22E-08	1.14E-07	1.45E-02	2.50E-05	8.27E-01	1.02E+00	8.45E+03	8.69E-05	8.45E+03	8.45E+03	1.84E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
FZ8916RLA	2.98E-01	1.64E-02	3.14E-01	6.36E-02	1.33E-01	9.98E+03	2.41E+00	3.75E-08	1.34E-07	1.70E-02	2.83E-05	8.69E-01	1.20E+00	9.99E+03	1.02E-04	9.99E+03	9.99E+03	2.07E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+00
FZ912XE	3.40E-02	7.76E-02	1.78E+00	2.88E-01	2.94E+00	2.35E+03	3.65E+00	6.97E-07	1.96E-06	1.77E-01	6.23E-04	4.67E+00	5.70E+00	2.35E+03	4.35E-04	2.35E+03	2.36E+03	1.04E+01	0.00E+00	0.00E+00	0.00E+00	1.24E+01
FG22WD	2.65E+00	8.33E-01	1.45E+01	4.36E+00	1.20E+02	1.50E+05	1.65E+02	1.12E-05	1.15E-05	9.40E-01	7.84E-02	8.60E+01	1.20E+02	1.50E+05	2.98E-03	1.50E+05	1.50E+05	2.06E+02	0.00E+00	0.00E+00	0.00E+00	1.87E+02
FG23WD	2.79E+00	1.06E+00	2.10E+01	5.60E+00	1.24E+02	1.71E+05	1.82E+02	1.17E-05	1.36E-05	1.20E+00	8.01E-02	9.29E+01	1.37E+02	1.72E+05	3.28E-03	1.72E+05	1.72E+05	2.30E+02	0.00E+00	0.00E+00	0.00E+00	2.40E+02
FG24WD	4.22E+00	1.40E+00	2.24E+01	6.84E+00	1.31E+02	2.36E+05	2.09E+02	1.28E-05	1.61E-05	1.47E+00	8.30E-02	1.05E+02	1.62E+02	2.36E+05	3.67E-03	2.36E+05	2.36E+05	2.67E+02	0.00E+00	0.00E+00	0.00E+00	2.94E+02
FG24XD	4.31E+00	1.49E+00	2.43E+01	7.24E+00	1.32E+02	2.42E+05	2.12E+02	1.29E-05	1.69E-05	1.56E+00	8.39E-02	1.07E+02	1.69E+02	2.43E+05	3.91E-03	2.43E+05	2.43E+05	2.75E+02	0.00E+00	0.00E+00	0.00E+00	3.11E+02
FG25WD	4.70E+00	1.60E+00	2.69E+01	7.98E+00	1.59E+02	2.97E+05	2.34E+02	2.64E-05	2.80E-05	1.71E+00	9.50E-02	1.31E+02	1.76E+02	2.97E+05	1.03E-02	2.97E+05	2.97E+05	3.07E+02	0.00E+00	0.00E+00	0.00E+00	3.43E+02
FG26WD	4.53E+00	1.77E+00	3.20E+01	8.83E+00	1.58E+02	3.21E+05	2.28E+02	2.61E-05	2.95E-05	1.91E+00	9.24E-02	1.35E+02	1.89E+02	3.21E+05	1.08E-02	3.21E+05	3.22E+05	3.24E+02	0.00E+00	0.00E+00	0.00E+00	3.79E+02
FG26XD	4.93E+00	1.92E+00	3.18E+01	9.41E+00	1.65E+02	3.28E+05	2.57E+02	2.70E-05	3.06E-05	2.03E+00	9.76E-02	1.38E+02	2.00E+02	3.28E+05	1.11E-02	3.28E+05	3.28E+05	3.38E+02	0.00E+00	0.00E+00	0.00E+00	4.04E+02
FL220Z	2.34E-01	1.21E-03	1.04E-03	3.09E-03	5.83E-01	7.70E+00	4.03E+00	9.00E-09	1.19E-08	1.14E-03	3.58E-04	7.37E-01	8.85E-02	1.17E+01	5.66E-08	1.17E+01	1.25E+01	8.25E-01	0.00E+00	0.00E+00	0.00E+00	1.33E-01
FL53SPX01	4.80E+00	3.77E-01	2.69E+00	1.05E+00	3.92E+01	7.09E+05	9.29E+01	1.53E-05	4.20E-06	3.19E-01	1.74E-02	1.60E+01	7.38E+01	7.09E+05	1.27E-03	7.09E+05	7.09E+05	8.98E+01	0.00E+00	0.00E+00	0.00E+00	4.52E+01
FL73S	5.60E+00	4.08E-01	1.39E+00	1.04E+00	4.88E+01	8.51E+05	1.13E+02	2.02E-05	4.59E-06	3.37E-01	2.13E-02	1.40E+01	8.90E+01	8.51E+05	9.29E-04	8.51E+05	8.51E+05	1.03E+02	0.00E+00	0.00E+00	0.00E+00	4.46E+01
FL73SP	5.61E+00	4.07E-01	1.39E+00	1.21E+00	5.13E+01	8.52E+05	1.16E+02	2.55E-05	5.86E-06	5.37E-01	2.53E-02	1.62E+01	8.90E+01	8.52E+05	9.30E-04	8.52E+05	8.52E+05	1.05E+02	0.00E+00	0.00E+00	0.00E+00	5.18E+01
FL74SPX01	8.02E+00	5.24E-01	3.16E+00	1.65E+00	6.81E+01	1.22E+06	1.25E+02	3.06E-05	7.70E-06	7.39E-01	3.14E-02	3.31E+01	8.45E+01	1.22E+06	1.43E-03	1.22E+06	1.22E+06	1.18E+02	0.00E+00	0.00E+00	0.00E+00	7.09E+01
FP03SN2	3.77E+00	3.81E-01	3.04E+00	1.62E+00	1.16E+01	3.43E+04	2.24E+02	4.57E-06	2.31E-06	3.09E-01	5.00E-03	8.88E+00	7.01E+01	3.45E+04	1.03E-01	3.45E+04	3.46E+04	7.90E+01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
FP04SN2	4.12E+00	4.54E-01	3.33E+00	1.85E+00	1.26E+01	4.48E+04	2.38E+02	5.77E-06	2.73E-06	3.65E-01	5.42E-03	7.98E+00	8.55E+01	4.51E+04	1.03E-01	4.51E+04	4.52E+04	9.35E+01	0.00E+00	0.00E+00	0.00E+00	7.94E+01
FP05SN2	4.66E+00	5.81E-01	2.68E+00	2.18E+00	1.42E+01	5.57E+04	2.66E+02	6.99E-06	3.29E-06	4.40E-01	6.07E-03	7.51E+00	1.05E+02	5.59E+04	1.03E-01	5.59E+04	5.60E+04	1.12E+02	0.00E+00	0.00E+00	0.00E+00	9.36E+01
FP22TN2	2.49E+00	3.90E-01	4.81E+00	1.47E+00	9.90E+00	2.69E+04	1.16E+02	2.05E-06	2.51E-06	3.42E-01	3.99E-03	1.24E+01	6.73E+01	2.70E+04	4.38E-02	2.70E+04	2.71E+04	7.97E+01	0.00E+00	0.00E+00	0.00E+00	6.30E+01
FP23SN2	2.90E+00	4.78E-01	5.50E+00	2.03E+00	1.20E+01	3.76E+04	2.03E+02	4.57E-06	3.14E-06	4.25E-01	4.95E-03	1.14E+01	8.57E+01	3.78E+04	9.13E-02	3.78E+04	3.79E+04	9.71E+01	0.00E+00	0.00E+00	0.00E+00	8.70E+01
FP23TN2	3.03E+00	5.34E-01	6.01E+00	1.93E+00	1.18E+01	3.89E+04	1.47E+02	2.90E-06	3.37E-06	4.60E-01	4.80E-03	1.08E+01	8.99E+01	3.91E+04	4.39E-02	3.91E+04	3.92E+04	1.01E+02	0.00E+00	0.00E+00	0.00E+00	8.28E+01
FP24S1N	3.47E+00	3.82E-01	6.07E+00	1.79E+00	1.20E+01	4.61E+04	2.30E+02	5.71E-06	2.68E-06	3.65E-01	5.17E-03	7.60E+00	9.07E+01	4.64E+04	1.07E-01	4.64E+04	4.65E+04	9.83E+01	0.00E+00	0.00E+00	0.00E+00	7.67E+01
FP24SN2	3.80E+00	5.84E-01	6.47E+00	2.47E+00	1.42E+01	4.89E+04	2.57E+02	5.93E-06	3.81E-06	5.16E-01	6.04E-03	1.14E+01	1.06E+02	4.91E+04	1.07E-01	4.91E+04	4.93E+04	1.17E+02	0.00E+00	0.00E+00	0.00E+00	1.06E+02
FP24TN2	3.58E+00	6.57E-01	6.93E+00	2.32E+00	1.35E+01	5.07E+04	1.75E+02	3.60E-06	4.07E-06	5.57E-01	5.50E-03	1.00E+01	1.11E+02	5.09E+04	4.39E-02	5.09E+04	5.10E+04	1.21E+02	0.00E+00	0.00E+00	0.00E+00	9.97E+01
FP25TN2	4.14E+00	6.68E-01	8.08E+00	2.55E+00	1.46E+01	6.06E+04	2.01E+02	4.25E-06	4.41E-06	5.95E-01	6.08E-03	8.28E+00	1.24E+02	6.08E+04	4.39E-02	6.08E+04	6.09E+04	1.32E+02	0.00E+00	0.00E+00	0.00E+00	1.10E+02
FP42QT	2.47E+00	1.28E-01	1.54E+00	3.77E-01	4.09E+00	2.53E+04	8.73E+01	2.84E-06	7.94E-07	1.08E-01	2.07E-03	3.74E+00	2.62E+01	2.54E+04	1.49E-02	2.54E+04	2.55E+04	2.99E+01	0.00E+00	0.00E+00	0.00E+00	1.62E+01
FP62QS	2.21E+00	1.76E-01	2.95E+00	4.97E-01	4.72E+00	2.25E+04	1.21E+02	2.65E-06	1.05E-06	1.53E-01	2.28E-03	4.22E+00	3.48E+01	2.26E+04	1.99E-02	2.26E+04	2.27E+04	3.90E+01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
FP63QS	2.83E+00	2.34E-01	3.48E+00	6.50E-01	6.25E+00	3.30E+04	1.53E+02	3.89E-06	1.36E-06	1.98E-01	3.04E-03	4.75E+00	4.67E+01	3.32E+04	2.57E-02	3.32E+04	3.32E+04	5.15E+01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
FP64QS	3.43E+00	2.91E-01	5.12E+00	9.36E-01	7.43E+00	4.38E+04	1.83E+02	5.12E-06	1.82E-06	2.60E-01	3.62E-03	4.39E+00	5.79E+01	4.39E+04	3.15E-02	4.39E+04	4.40E+04	6.23E+01	0.00E+00	0.00E+00	0.00E+00	4.02E+01
FP72QS	2.92E+00	2.00E-01	3.16E+00	6.95E-01	1.28E+01	2.37E+04	1.30E+02	2.79E-06	1.45E-06	1.94E-01	7.59E-03	9.20E+00	3.91E+01	2.38E+04	2.66E-02	2.38E+04	2.39E+04	4.83E+01	0.00E+00	0.00E+00	0.00E+00	2.98E+01
FP72SN2	3.12E+00	2.06E-01	3.25E+00	7.16E-01	1.40E+01	2.38E+04	1.44E+02	2.81E-06	1.49E-06	1.99E-01	7.91E-03	9.61E+00	3.94E+01	2.39E+04	2.66E-02	2.39E+04	2.40E+04	4.90E+01	0.00E+00	0.00E+00	0.00E+00	3.07E+01
FP73SN2	3.56E+00	2.66E-01	3.82E+00	8.79E-01	1.53E+01	3.44E+04	1.64E+02	4.04E-06	1.81E-06	2.46E-01	8.51E-03	9.97E+00	5.14E+01	3.46E+04	3.38E-02	3.46E+04	3.46E+04	6.14E+01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
FP74QS	4.77E+00	3.27E-01	5.53E+00	1.23E+00	2.34E+01	4.62E+04	1.95E+02	5.35E-06	2.49E-06	3.32E-01	1.42E-02	1.47E+01	6.36E+01	4.64E+04	4.10E-02	4.64E+04	4.65E+04	7.84E+01	0.00E+00	0.00E+00	0.00E+00	5.26E+01
FP74QT	5.23E+00	3.19E-01	5.55E+00	1.21E+00	2.33E+01	5.02E+04	1.55E+02	5.52E-06	2.49E-06	3.29E-01	1.41E-02	1.35E+01	6.31E+01	5.04E+04	2.57E-02	5.04E+04	5.05E+04	7.66E+01	0.00E+00	0.00E+00	0.00E+00	5.18E+01
FP82QS	2.40E+00	2.23E-01	1.80E+00	7.09E-01	5.43E+00	2.24E+04	1.39E+02	2.77E-06	1.29E-06	1.76E-01	2.57E-03	3.70E+00	4.35E+01	2.25E+04	3.24E-02	2.25E+04	2.26E+04	4.72E+01	0.00E+00	0.00E+00	0.00E+00	3.05E+01
FP82SN2	2.41E+00	2.26E-01	1.88E+00	7.22E-01	6.35E+00	2.24E+04	1.39E+02	2.77E-06	1.32E-06	1.79E-01	2.69E-03	3.90E+00	4.35E+01	2.26E+04	3.24E-02	2.26E+04	2.26E+04	4.74E+01	0.00E+00	0.00E+00	0.00E+00	3.10E+01
FP83QT	3.49E+00	2.83E-01	2.52E+00	1.00E+00	6.94E+00	3.70E+04	1.32E+02	4.24E-06	1.74E-06	2.32E-01	3.33E-03	2.99E+00	5.64E+01	3.71E+04	2.93E-02	3.71E+04	3.72E+04	5.94E+01	0.00E+00	0.00E+00	0.00E+00	4.30E+01
FP83SN2	3.06E+00	2.95E-01	2.59E+00	1.00E+00	7.96E+00	3.30E+04	1.74E+02	4.04E-06	1.76E-06	2.38E-01	3.48E-03	4.41E+00	5.70E+01	3.32E+04	4.19E-02	3.32E+04	3.32E+04	6.14E+01	0.00E+00	0.00E+00	0.00E+00	4.31E+01

FP83TN2	3.44E-01	1.02E+02	-3.40E+00	1.06E+02	4.68E-04	0.00E+00	5.79E+02	1.27E-04	6.10E-02	6.51E-01	2.12E-01	5.07E-01	5.07E-07	8.01E-07	3.85E+01	3.40E+00	2.87E-01	2.61E+00	1.02E+00	7.85E+00	3.31E+04	1.32E+02	4.24E-06	1.77E-06	2.36E-01	3.45E-03	3.20E+00	5.64E+01	3.32E+04	2.93E-02	3.32E+04	3.32E+04	5.96E+01	0.00E+00	0.00E+00	0.00E+00	4.37E+01
FP84QT	4.14E-01	1.23E+02	-4.26E+00	1.28E+02	4.68E-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	9.62E-07	3.96E+01	4.04E+00	3.54E-01	2.83E+00	1.21E+00	8.16E+00	4.74E+04	1.59E+02	5.44E-06	2.12E-06	2.84E-01	3.91E-03	2.23E+00	6.99E+01	4.76E+04	2.93E-02	4.76E+04	4.77E+04	7.22E+01	0.00E+00	0.00E+00	0.00E+00	5.19E+01
FP84SN2	4.16E-01	1.28E+02	-4.27E+00	1.32E+02	2.36E-04	0.00E+00	6.74E+02	1.98E-04	7.60E-02	8.11E-01	2.71E-01	1.74E+00	6.30E-07	9.78E-07	4.02E+01	3.67E+00	3.67E-01	2.89E+00	1.25E+00	9.34E+00	4.35E+04	2.06E+02	5.29E-06	2.16E-06	2.91E-01	4.14E-03	3.88E+00	7.06E+01	4.37E+04	4.86E-02	4.37E+04	4.37E+04	7.45E+01	0.00E+00	0.00E+00	0.00E+00	5.36E+01
FP92QS	2.75E-01	8.56E+01	-2.98E+00	8.86E+01	2.36E-04	0.00E+00	4.95E+02	1.54E-04	5.03E-02	5.37E-01	1.83E-01	9.94E-01	4.40E-07	6.39E-07	3.16E+01	2.51E+00	2.47E-01	1.87E+00	7.88E-01	5.92E+00	2.27E+04	1.49E+02	2.83E-06	1.42E-06	1.93E-01	2.79E-03	3.31E+00	4.89E+01	2.28E+04	3.91E-02	2.28E+04	2.29E+04	5.22E+01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
FP92SN2	2.78E-01	8.68E+01	-2.97E+00	8.98E+01	2.36E-04	0.00E+00	4.96E+02	1.54E-04	5.09E-02	5.43E-01	1.85E-01	1.01E+00	4.41E-07	6.53E-07	3.16E+01	2.51E+00	2.50E-01	1.96E+00	8.00E-01	6.84E+00	2.28E+04	1.49E+02	2.83E-06	1.44E-06	1.95E-01	2.92E-03	3.52E+00	4.89E+01	2.29E+04	3.91E-02	2.29E+04	2.30E+04	5.24E+01	0.00E+00	0.00E+00	0.00E+00	3.44E+01
FP93QS	3.67E-01	1.13E+02	-3.80E+00	1.17E+02	2.36E-04	0.00E+00	6.12E+02	1.83E-04	6.68E-02	7.13E-01	2.40E-01	1.39E+00	5.60E-07	8.52E-07	3.81E+01	3.17E+00	3.25E-01	2.48E+00	1.10E+00	7.62E+00	3.34E+04	1.85E+02	4.12E-06	1.89E-06	2.56E-01	3.61E-03	3.97E+00	6.27E+01	3.35E+04	5.00E-02	3.35E+04	3.36E+04	6.67E+01	0.00E+00	0.00E+00	0.00E+00	4.72E+01
FP93SN2	3.70E-01	1.14E+02	-3.79E+00	1.18E+02	2.36E-04	0.00E+00	6.14E+02	1.84E-04	6.74E-02	7.19E-01	2.42E-01	1.41E+00	5.61E-07	8.67E-07	3.81E+01	3.18E+00	3.27E-01	2.57E+00	1.11E+00	8.53E+00	3.34E+04	1.85E+02	4.12E-06	1.92E-06	2.59E-01	3.73E-03	4.17E+00	6.28E+01	3.36E+04	5.01E-02	3.36E+04	3.37E+04	6.69E+01	0.00E+00	0.00E+00	0.00E+00	4.77E+01
FP94QS	4.54E-01	1.39E+02	-4.83E+00	1.44E+02	2.36E-04	0.00E+00	7.24E+02	2.15E-04	8.25E-02	8.79E-01	2.98E-01	1.79E+00	7.05E-07	1.05E-06	4.38E+01	3.81E+00	4.03E-01	2.92E+00	1.38E+00	9.20E+00	4.39E+04	2.20E+02	5.40E-06	2.34E-06	3.16E-01	4.37E-03	3.06E+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	4.57E-01	1.40E+02	-4.82E+00	1.45E+02	2.36E-04	0.00E+00	7.25E+02	2.15E-04	8.31E-02	8.86E-01	3.00E-01	1.81E+00	7.06E-07	1.07E-06	4.38E+01	3.82E+00	4.06E-01	3.01E+00	1.40E+00	1.01E+01	4.40E+04	2.20E+02	5.40E-06	2.36E-06	3.19E-01	4.49E-03	3.25E+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	5.99E+01
FP95SN2	5.44E-01	1.66E+02	-5.75E+00	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	4.46E+00	4.83E-01	3.51E+00	1.68E+00	1.16E+01	5.45E+04	2.54E+02	6.68E-06	2.81E-06	3.79E-01	5.22E-03	2.58E+00	9.45E+01	5.48E+04	6.98E-02	5.48E+04	5.49E+04	9.70E+01	0.00E+00	0.00E+00	0.00E+00	7.22E+01
FR22E1	8.37E-01	2.38E+02	-7.06E+00	2.45E+02	1.13E-03	0.00E+00	5.07E+03	5.37E-04	1.43E-01	1.53E+00	4.83E-01	2.90E+01	1.14E-06	1.88E-06	6.55E+01	4.09E+00	6.53E-01	4.96E+00	2.74E+00	2.02E+01	6.09E+04	1.48E+02	2.97E-06	4.88E-06	5.46E-01	9.92E-03	1.96E+01	1.21E+02	6.11E+04	4.80E-04	6.11E+04	6.12E+04	1.40E+02	0.00E+00	0.00E+00	0.00E+00	1.18E+02
FR22E2	8.93E-01	2.55E+02	-7.65E+00	2.62E+02	1.34E-03	0.00E+00	5.52E+03	6.85E-04	1.54E-01	1.64E+00	5.08E-01	2.90E+01	1.24E-06	2.00E-06	7.14E+01	5.05E+00	6.88E-01	5.56E+00	2.96E+00	2.25E+01	6.16E+04	1.68E+02	3.07E-06	5.18E-06	5.85E-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	9.63E-01	2.73E+02	-1.01E+01	2.83E+02	1.96E-03	0.00E+00	5.38E+03	6.29E-04	1.67E-01	1.77E+00	5.74E-01	3.13E+01	1.55E-06	2.12E-06	6.73E+01	6.61E+00	7.76E-01	5.18E+00	3.11E+00	2.66E+01	6.23E+04	1.80E+02	3.26E-06	5.61E-06	6.31E-01	1.33E-02	1.76E+01	1.66E+02	6.25E+04	5.10E-04	6.25E+04	6.27E+04	1.84E+02	0.00E+00	0.00E+00	0.00E+00	1.34E+02
FR22H2	1.05E+00	3.01E+02	-1.03E+01	3.11E+02	2.32E-03	0.00E+00	5.43E+03	6.42E-04	1.85E-01	1.96E+00	6.17E-01	2.64E+01	1.56E-06	2.18E-06	1.56E+02	7.84E+00	8.35E-01	5.74E+00	3.98E+00	3.21E+01	6.32E+04	3.09E+02	3.72E-06	6.11E-06	6.96E-01	1.61E-02	2.42E+01	1.75E+02	6.35E+04	4.39E-04	6.35E+04	6.37E+04	2.00E+02	0.00E+00	0.00E+00	0.00E+00	1.71E+02
FR22S1	1.15E+00	2.47E+02	-6.77E+00	2.54E+02	1.34E-03	0.00E+00	4.99E+03	5.26E-04	1.49E-01	1.58E+00	4.94E-01	2.40E+01	1.07E-06	1.81E-06	1.39E+02	4.86E+00	6.68E-01	4.96E+00	3.29E+00	2.33E+01	6.11E+04	2.45E+02	3.27E-06	5.02E-06	5.65E-01	1.14E-02	2.44E+01	1.22E+02	6.13E+04	4.07E-04	6.13E+04	6.14E+04	1.46E+02	0.00E+00	0.00E+00	0.00E+00	1.41E+02
FR22S2	9.05E-01	2.61E+02	-7.42E+00	2.68E+02	1.34E-03	0.00E+00	5.05E+03	5.40E-04	1.58E-01	1.68E+00	5.19E-01	2.40E+01	1.16E-06	1.91E-06	1.40E+02	4.86E+00	7.03E-01	5.54E+00	3.44E+00	2.37E+01	6.17E+04	2.46E+02	3.32E-06	5.28E-06	5.99E-01	1.16E-02	2.32E+01	1.31E+02	6.19E+04	4.08E-04	6.19E+04	6.21E+04	1.54E+02	0.00E+00	0.00E+00	0.00E+00	1.48E+02
FR23E1	1.42E+00	3.02E+02	-8.91E+00	3.11E+02	2.00E-03	0.00E+00	5.88E+03	7.75E-04	1.81E-01	1.93E+00	6.08E-01	2.93E+01	1.43E-06	2.33E-06	7.71E+01	7.08E+00	8.23E-01	6.41E+00	3.46E+00	2.72E+01	6.92E+04	1.98E+02	3.73E-06	6.00E-06	6.90E-01	1.33E-02	2.34E+01	1.53E+02	6.94E+04	4.89E-04	6.94E+04	6.96E+04	1.76E+02	0.00E+00	0.00E+00	0.00E+00	1.49E+02
FR23E2	1.10E+00	3.15E+02	-9.71E+00	3.25E+02	1.69E-03	0.00E+00	5.55E+03	6.53E-04	1.90E-01	2.02E+00	6.41E-01	2.93E+01	1.51E-06	2.43E-06	7.15E+01	5.81E+00	8.67E-01	6.91E+00	3.56E+00	2.53E+01	6.99E+04	1.78E+02	3.73E-06	6.24E-06	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	1.61E+00	3.43E+02	-1.25E+01	3.55E+02	3.48E-03	0.00E+00	6.31E+03	8.96E-04	2.09E-01	2.21E+00	7.12E-01	3.28E+01	1.93E-06	2.62E-06	7.97E+01	1.15E+01	9.64E-01	6.67E+00	3.87E+00	3.72E+01	7.08E+04	2.47E+02	4.13E-06	6.87E-06	7.88E-01	1.87E-02	2.32E+01	2.08E+02	7.10E+04	5.35E-04	7.10E+04	7.13E+04	2.31E+02	0.00E+00	0.00E+00	0.00E+00	1.66E+02
FR23G2	1.26E+00	3.61E+02	-1.32E+01	3.74E+02	3.48E-03	0.00E+00	6.39E+03	9.12E-04	2.21E-01	2.34E+00	7.48E-01	3.28E+01	2.02E-06	2.75E-06	7.99E+01	1.15E+01	1.01E+00	7.16E+00	4.06E+00	3.78E+01	7.16E+04	2.49E+02	4.20E-06	7.20E-06	8.32E-01	1.89E-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	2.26E+00	7.32E-01	2.90E+01	1.86E-06	2.54E-06	1.67E+02	9.86E+00	9.92E-01	6.70E+00	4.47E+00	3.52E+01	7.09E+04	3.27E+02	4.46E-06	7.01E-06	8.05E-01	1.80E-02	2.38E+01	2.10E+02	7.12E+04	4.78E-04	7.12E+04	7.15E+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	3.86E+02	3.48E-03	0.00E+00	5.96E+03	8.04E-04	2.28E-01	2.42E+00	7.68E-01	2.92E+01	1.95E-06	2.70E-06	1.92E+02	1.16E+01	1.04E+00	7.19E+00	4.86E+00	4.03E+01	7.18E+04	3.77E+02	4.69E-06	7.45E-06	8.61E-01	2.03E-02	2.76E+01	2.20E+02	7.21E+04	4.78E-04	7.21E+04	7.24E+04	2.48E+02	0.00E+00	0.00E+00	0.00E+00	2.09E+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-06	2.24E-06	1.53E+02	6.10E+00	8.43E-01	6.40E+00	3.91E+00	2.56E+01	6.93E+04	2.64E+02	3.96E-06	6.06E-06	7.00E-01	1.28E-02	2.38E+01	1.54E+02	6.96E+04	4.14E-04	6.96E+04	6.97E+04	1.78E+02	0.00E+00	0.00E+00	0.00E+00	1.68E+02
FR23S2	1.11E+00	3.21E+02	-9.47E+00	3.31E+02	1.69E-03	0.00E+00	5.20E+03	6.33E-04	1.94E-01	2.06E+00	6.55E-01	2.44E+01	1.45E-06	2.35E-06	1.53E+02	6.11E+00	8.87E-01	6.91E+00	4.09E+00	2.61E+01	7.00E+04	2.65E+02	4.02E-06	6.35E-06	7.39E-01	1.30E-02	2.26E+01	1.65E+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	1.75E+02
FR24E1	1.32E+00	3.80E+02	-1.14E+01	3.92E+02	2.26E-03	0.00E+00	5.96E+03	8.45E-04	2.27E-01	2.42E+00	7.59E-01	3.34E+01	1.84E-06	2.93E-06	8.13E+01	7.88E+00	1.03E+00	9.38E+00	4.24E+00	3.12E+01	1.18E+05	2.11E+02	4.64E-06	7.43E-06	8.67E-01	1.55E-02	2.53E+01	1.93E+02	1.19E+05	5.51E-04	1.19E+05	1.19E+05	2.18E+02	0.00E+00	0.00E+00	0.00E+00	1.82E+02
FR24E2	1.40E+00	4.04E+02	-1.18E+01	4.16E+02	2.26E-03	0.00E+00	6.05E+03	8.59E-04	2.41E-01	2.57E+00	7.96E-01	3.35E+01	1.89E-06	3.10E-06	8.15E+01	7.88E+00	1.08E+00	1.06E+01	4.49E+00	3.17E+01	1.19E+05	2.13E+02	4.70E-06	7.83E-06	9.21E-01	1.56E-02	2.52E+01	1.99E+02	1.20E+05	5.52E-04	1.20E+05	1.20E+05	2.25E+02	0.00E+00	0.00E+00	0.00E+00	1.93E+02
FR24G1	1.48E+00	4.24E+02	-1.52E+01	4.39E+02	3.92E-03	0.00E+00	6.44E+03	9.73E-04	2.57E-01	2.73E+00	8.73E-01	3.79E+01	2.37E-06	3.24E-06	8.42E+01	1.29E+01	1.18E+00	9.65E+00	4.69E+00	4.21E+01	1.20E+05	2.64E+02	5.09E-06	8.40E-06	9.74E-01	2.14E-02	2.56E+01	2.51E+02	1.20E+05	6.11E-04	1.20E+05	1.21E+05	2.77E+02	0.00E+00	0.00E+00	0.00E+00	2.02E+02
FR24G2	1.58E+00	4.55E+02	-1.59E+01	4.71E+02	4.64E-03	0.00E+00	6.99E+03	1.26E-03	2.76E-01	2.93E+00	9.16E-01	3.80E+01	2.51E-06	3.47E-06	9.08E+01	1.57E+01	1.24E+00	1.09E+01	5.04E+00	4.73E+01	1.21E+05	2.99E+02	5.27E-06	8.94E-06	1.04E+00	2.38E-02	2.96E+01	2.64E+02	1.22E+05	6.19E-04	1.22E+05	1.22E+05	2.93E+02	0.00E+00	0.00E+00	0.00E+00	2.17E+02
FR24H1	2.05E+00	4.41E+02	-1.47E+01	4.56E+02	4.64E-03	0.00E+00	6.46E+03	9.67E-04	2.67E-01	2.83E+00	8.95E-01	3.15E+01	2.24E-06	3.18E-06	2.28E+02	1.54E+01	1.21E+00	9.65E+00	5.69E+00	4.88E+01	1.20E+05	4.45E+02	5.72E-06	8.71E-06	1.01E+00	2.47E-02	3.56E+01	2.53E+02	1.21E+05	5.18E-04	1.21E+05	1.21E+05	2.89E+02	0.00E+00	0.00E+00	0.00E+00	2.44E+02
FR24H2	1.61E+00	4.67E+02	-1.55E+01	4.82E+02	4.64E-03	0.00E+00	6.56E+03	9.87E-04	2.84E-01	3.01E+00	9.37E-01	3.16E+01	2.35E-06	3.36E-06	2.28E+02	1.54E+01	1.27E+00	1.08E+01	5.95E+00	4.95E+01	1.21E+05	4.47E+02	5.81E-06	9.17E-06	1.07E+00	2.49E-02	3.44E+01	2.65E+02	1.22E+05	5.19E-04	1.22E+05	1.22E+05	3.00E+02	0.00E+00	0.00E+00	0.00E+00	2.56E+02
FR24S1	1.33E+00	3.87E+02	-1.11E+01	3.99E+02	2.26E-03	0.00E+00	5.62E+03	7.72E-04	2.32E-01	2.47E+00	7.77E-01	2.69E+01	1.70E-06	2.82E-06	1.83E+02	8.11E+00	1.05E+00	9.38E+00	4.88E+00	3.17E+01	1.18E+05	3.15E+02	5.00E-06	7.56E-06	8.87E-01	1.59E-02	2.79E+01	1.94E+02	1.19E+05	4.59E-04	1.19E+05	1.19E+05	2.22E+02	0.00E+00	0.00E+00	0.00E+00	2.10E+02
FR24S2	1.41E+00	4.11E+02	-1.15E+01	4.23E+02	2.26E-03	0.00E+00	5.70E+03	7.85E-04	2.46E-01	2.62E+00	8.13E-01	2.69E+01	1.76E-06	2.99E-06	1.83E+02	8.11E+00	1.10E+00	1.06E+01	5.13E+00	3.22E+01	1.20E+05	3.18E+02	5.06E-06	7.96E-06	9.40E-01	1.60E-02	2.79E+01	2.01E+02	1.20E+05	4.60E-04	1.20E+05	1.20E+05	2.29E+02	0.00E+00	0.00E+00	0.00E+00	2.20E+02
FR25E1	2.04E+00	4.37E+02	-1.26E+01	4.50E+02	3.34E-03	0.00E+00	6.76E+03	1.20E-03	2.60E-01	2.77E+00	8.85E-01	3.38E+01	2.07E-06	3.34E-06	9.28E+01	1.18E+01	1.20E+00	9.29E+00	4.88E+00	3.91E+01	1.26E+05	2.69E+02	5.41E-06	8.42E-06	9.93E-01	1.94E-02	3.08E+01	2.17E+02	1.26E+05	5.90E-04	1.26E+05	1.27E+05	2.48E+02	0.00E+00	0.00E+00	0.00E+00	2.09E+02
FR25E2	1.59E+00	4.62E+02	-1.29E+01	4.74E+02	2.82E-03	0.00E+00	6.44E+03	9.47E-04	2.74E-01	2.92E+00	9.27E-01	3.38E+01	2.07E-06	3.51E-06	8.68E+01	9.61E+00	1.25E+00	1.08E+01	5.09E+00	3.60E+01	1.27E+05	2.44E+02	5.39E-06	8.81E-06	1.05E+00	1.78E-02	2.73E+01	2.21E+02	1.28E+05	5.85E-04	1.28E+05	1.28E+05	2.48E+02	0.00E+00	0.00E+00	0.00E+00	2.19E+02
FR25G1	1.67E+00	4.81E+02	-1.69E+01	4.98E+02	4.91E-03	0.00E+00	6.90E+03	1.08E-03	2.91E-01	3.09E+00	1.01E+00	3.93E+01	2.64E-06	3.65E-06	9.02E+01	1.58E+01	1.37E+00	9.52E+00	5.29E+00	4.87E+01	1.28E+05	3.05E+02	5.87E-06	9.42E-06	1.10E+00	2.48E-02	2.82E+01	2.82E+02	1.28E+05	6.59E-04	1.28E+05	1.29E+05	3.11E+02	0.00E+00	0.00E+00	0.00E+00	2.27E+02
FR25G2	1.79E+00	5.18E+02	-1.77E+01	5.36E+02	5.80E-03	0.00E+00	7.49E+03	1.38E-03	3.13E-01	3.32E+00	1.06E+00	3.94E+01	2.79E-06	3.91E-06	9.69E+01	1.92E+01	1.44E+00	1.11E+01	5.69E+00	5.50E+01	1.29E+05	3.45E+02	6.07E-06	1.01E-05	1.19E+00	2.78E-02	3.29E+01	2.96E+02	1.30E+05	6.66E-04	1.30E+05	1.30E+05	3.29E+02	0.00E+00	0.00E+00	0.00E+00	2.44E+02
FR25H2	1.82E+00	5.32E+02	-1.72E+01	5.49E+02	5.80E-03	0.00E+00	7.07E+03	1.14E-03	3.21E-01	3.41E+00	1.09E+00	3.30E+01	2.63E-06	3.81E-06	2.66E+02	1.91E+01	1.47E+00	1.10E+01	6.75E+00	5.74E+01	1.30E+05	5.19E+02	6.72E-06	1.03E-05	1.22E+00	2.90E-02	3.86E+01	2.99E+02	1.30E+05	5.67E-04	1.30E+05	1.31E+05	3.37E+02	0.00E+00	0.00E+00	0.00E+00	2.90E+02
FR25S1	1.51E+00	4.42E+02	-1.24E+01	4.54E+02	2.82E-03	0.00E+00	6.01E+03	8.89E-04	2.64E-01	2.81E+00	9.06E-01	2.73E+01	1.91E-06	3.19E-06	2.15E+02	1.01E+01	1.23E+00	9.24E+00	5.56E+00	3.63E+01	1.26E+05	3.67E+02	5.78E-06	8.52E-06	1.01E+00	1.81E-02	3.01E+01	2.19E+02	1.27E+05	4.92E-04	1.27E+05	1.27E+05	2.49E+02	0.00E+00	0.00E+00	0.00E+00	2.39E+02
FR25S2	1.63E+00	4.77E+02	-1.27E+01	4.90E+02	3.34E-03	0.00E+00	6.41E+03	9.66E-04	2.84E-01	3.03E+00	9.50E-01	2.74E+01	1.99E-06	3.43E-06	2.48E+02	1.18E+01	1.29E+00	1.08E+01	6.08E+00	4.10E+01	1.28E+05	4.20E+02	6.03E-06	9.14E-06	1.09E+00	2.01E-02	3.44E+01	2.27E+02	1.28E+05	4.92E-04	1.28E+05	1.28E+05	2.62E+02	0.00E+00	0.00E+00	0.00E+00	2.61E+02
FR26G1	2.61E+00	5.61E+02	-1.82E+01	5.79E+02	6.96E-03	0.00E+00	7.87E+03	1.47E-03	3.37E-01	3.58E+00	1.14E+00	4.08E+01	2.91E-06	4.22E-06	1.03E+02	2.27E+01	1.55E+00	1.21E+01	6.13E+00	6.14E+01	1.37E+05	3.85E+02	6.75E-06	1.08E-05	1.28E+00	3.14E-02	3.98E+01	3.10E+02	1.37E+05	6.86E-04	1.37E+05	1.38E+05	3.50E+02	0.00E+00	0.00E+00	0.00E+00	2.63E+02
FR26G2	2.04E+00	5.96E+02	-1.92E+01	6.15E+02	6.96E-03	0.00E+00	8.01E+03	1.49E-03	3.57E-01	3.80E+00	1.20E+00	4.08E+01	3.04E-06	4.47E-06	1.03E+02	2.27E+01	1.62E+00	1.39E+01	6.50E+00	6.23E+01	1.38E+05	3.89E+02	6.86E-06	1.14E-05	1.36E+00	3.16E-02	3.83E+01	3.26E+02	1.39E+05	6.88E-04	1.39E+05	1.39E+05	3.64E+02	0.00E+00	0.00E+00	0.00E+00	2.79E+02
FR26H2	2.07E+00	6.08E+02	-1.90E+01	6.27E+02	6.96E-03	0.00E+00	7.54E+03	1.15E-03	3.65E-01	3.88E+00	1.21E+00	3.42E+01	4.67E-06	4.35E-06	1.21E+02	2.17E+01	1.64E+00	1.38E+01	6.85E+00	6.80E+01	1.39E+05	4.95E+02	7.01E-06	1.16E-05	1.38E+00	3.51E-02	4.37E+01	3.27E+02	1.39E+05	5.89E-04	1.39E+05	1.40E+05	3.71E+02	0.00E+00	0.00E+00	0.00E+00	2.94E+02
FR26S1	2.38E+00	5.16E+02	-1.34E+01	5.29E+02	4.01E-03	0.00E+00	6.67E+03	9.42E-04	3.05E-01	3.25E+00	1.02E+00	2.75E+01	3.87E-06	3.69E-06	1.02E+02	1.28E+01	1.37E+00	1.19E+01	5.78E+00	4.83E+01	1.35E+05	3.81E+02	6.15E-06	9.71E-06	1.16E+00	2.45E-02	3.86E+01	2.38E+02	1.35E+05	4.97E-04	1.35E+05	1.36E+05	2.77E+02	0.00E+00	0.00E+00	0.00E+00	2.48E+02
FR26S2	1.87E+00	5.49E+02	-1.41E+01	5.63E+02	4.01E-03	0.00E+00	6.79E+03	9.63E-04	3.26E-01	3.47E+00	1.07E+00	2.75E+01	3.97E-06	3.93E-06	1.02E+02	1.28E+01	1.44E+00	1.36E+01	6.13E+00	4.90E+01	1.37E+05	3.84E+02	6.23E-06	1.03E-05	1.24E+00	2.47E-02	3.78E+01	2.50E+02	1.37E+05	4.99E-04	1.37E+05	1.37E+05	2.88E+02	0.00E+00	0.00E+00	0.00E+00	2.63E+02
FR42E	3.99E-01	1.14E+02	-3.49E+00	1.17E+02	2.36E-03	0.00E+00	4.78E+03	5.04E-04	6.92E-02	7.36E-01	2.09E-01	4.27E+01	6.59E-07	1.03E-06	5.20E+01	7.97E+00	2.83E-01	3.57E+00	1.26E+00	1.98E+01	2.92E+04	1.25E+02	2.93E-06	2.97E-06	2.60E-01	1.07E-02	2.19E+01	6.30E+01	2.93E+04	5.92E-04	2.93E+04	2.94E+04	8.49E+01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
FR52E	4.44E-01	1.29E+02	-3.57E+00	1.33E+02	2.36E-03	0.00E+00	5.31E+03	5.27E-04	7.75E-02	8.26E-01	2.44E-01	2.63E+01	6.83E-07	1.11E-06	5.47E+01	7.99E+00	3.31E-01	3.78E+00	1.49E+00	2.00E+01	3.36E+04	1.33E+02	2.52E-06	2.89E-06	2.92E-01	1.08E-02	2.28E+01	6.61E+01	3.37E+04	3.66E-04	3.37E+04	3.38E+04	8.89E+01	0.00E+00	0.00E+00	0.00E+00	6.39E+01
FR62E	5.33E-01	1.49E+02	-4.24E+00	1.54E+02	2.36E-03	0.00E+00	5.48E+03	5.56E-04	9.07E-02	9.66E-01	2.71E-01	2.68E+01	7.77E-07	1.30E-06	5.84E+01	7.98E+00	3.67E-01	4.63E+00	1.66E+00	2.07E+01	3.82E+04	1.41E+02	2.66E-06	3.31E-06	3.44E-01	1.11E-02	2.19E+01	7.62E+01	3.84E+04	3.73E-04	3.84E+04	3.85E+04	9.80E+01	0.00E+00	0.00E+00	0.00E+00	7.11E+01
FR63E	6.18E-01	1.75E+02	-5.48E+00	1.80E+02	3.41E-03	0.00E+00	6.03E+03	6.35E-04	1.07E-01	1.13E+00	3.47E-01	2.70E+01	9.76E-07	1.49E-06	6.46E+01	1.11E+01	4.69E-01	3.59E+00	1.91E+00	2.68E+01	4.47E+04	1.78E+02	3.38E-06	3.79E-06	4.02E-01	1.44E-02	2.64E+01	9.86E+01	4.49E+04	3.74E-04	4.49E+04	4.50E+04	1.25E+02	0.00E+00	0.00E+00	0.00E+00	8.20E+01
FR72E	6.22E-01	1.77E+02	-4.49E+00	1.81E+02	2.36E-03	0.00E+00	5.57E+03	5.78E-04	1.06E-01	1.13E+00	3.01E-01	2.69E+01	8.19E-07	1.49E-06	6.12E+01	7.99E+00	4.08E-01	6.93E+00	1.97E+00	2.13E+01	4.34E+04	1.48E+02	2.73E-06	3.76E-06	4.04E-01	1.13E-02	2.25E+01	8.11E+01	4.35E+04	3.75E-04	4.35E+04	4.36E+04	1.04E+02	0.00E+00	0.00E+00	0.00E+00	8.44E+01
FR73E	8.56E-01	2.48E+02	-5.60E+00	2.54E+02	3.41E-03	0.00E+00	6.21E+03	6.69E-04	1.46E-01	1.56E+00	3.83E-01	2.71E+01	1.01E-06	2.04E-06	6.74E+01	1.11E+01	5.18E-01	1.28E+01	2.69E+00	2.74E+01	5.06E+04	1.86E+02	3.44E-06	4.96E-06	5.63E-01	1.46E-02	2.75E+01	1.02E+02	5.08E+04	3.77E-04	5.08E+04	5.09E+04	1.30E+02	0.00E+00	0.00E+00	0.00E+00	1.16E+02
FR74E	9.23E-01	2.66E+02	-6.99E+00	2.73E+02	4.46E-03	0.00E+00	6.78E+03	9.57E-04	1.59E-01	1.69E+00	4.79E-01	3.05E+01	1.31E-06	2.21E-06	7.77E+01	1.49E+01	6.49E-01	9.07E+00	2.88E+00	3.47E+01	8.12E+04	2.28E+02	4.34E-06	5.41E-06	6.06E-01	1.85E-02	3.61E+01	1.27E+02	8.14E+04	4.29E-04	8.14E+04	8.16E+04	1.63E+02	0.00E+00	0.00E+00	0.00E+00	1.24E+02
FR75E	1.04E+00	3.02E+02	-8.03E+00	3.10E+02	4.95E-03	0.00E+00	6.95E+03	7.80E-04	1.80E-01	1.92E+00	5.59E-01	3.07E+01	1.44E-06	2.48E-06	7.99E+01	1.57E+01	7.57E-01	9.80E+00	3.22E+00	3.63E+01	8.84E+04	2.41E+02	4.97E-06	6.02E-06	6.87E-01	1.94E-02	3.73E+01	1.46E+02	8.86E+04	4.23E-04	8.86E+04	8.88E+04	1.83E+02	0.00E+00	0.00E+00	0.00E+00	1.38E+02
FR83E	8.74E-01	2.54E+02	-5.71E+00	2.60E+02	3.41E-03	0.00E+00	6.27E+03	6.88E-04	1.49E-01	1.60E+00	4.19E-01	2.72E+01	1.03E-06	2.07E-06	7.03E+01	1.11E+01	5.67E-01	1.11E+01	2.79E+00	2.80E+01	5.44E+04	1.94E+02	3.52E-06	5.06E-06	5.75E-01	1.48E-02	2.82E+01	1.06E+02	5.46E+04	3.78E-04	5.46E+04	5.47E+04	1.34E+02	0.00E+00	0.00E+00	0.00E+00	1.20E+02
FR84E	9.95E-01	2.87E+02	-8.28E+00	2.95E+02	4.01E-03	0.00E+00	6.51E+03	7.44E-04	1.72E-01	1.83E+00	5.38E-01	3.06E+01	1.44E-06	2.34E-06	7.66E+01	1.29E+01	7.28E-01	9.12E+00	3.11E+00	3.23E+01	8.78E+04	2.15E+02	4.39E-06	5.75E-06	6.54E-01	1.71E-02	3.03E+01	1.45E+02	8.80E+04	4.23E-04	8.80E+04	8.82E+04	1.76E+02	0.00E+00	0.00E+00	0.00E+00	1.33E+02
FR85E	1.34E+00	3.95E+02	-9.09E+00	4.04E+02	5.51E-03	0.00E+00	7.60E+03	1.10E-03	2.31E-01	2.47E+00	6.19E-01	3.09E+01	1.64E-06	3.17E-06	8.72E+01	1.81E+01	8.38E-01	2.02E+01	4.22E+00	4.20E+01	9.89E+04	2.75E+02	5.18E-06	7.54E-06	8.90E-01	2.23E-02	4.02E+01	1.64E+02	9.91E+04	4.34E-04	9.91E+04	9.93E+04	2.04E+02	0.00E+00	0.00E+00	0.00E+00	1.81E+02
FR92E	7.34E-01	2.10E+02	-5.45E+00	2.15E+02	2.11E-03	0.00E+00	5.35E+03	4.92E-04	1.25E-01	1.33E+00	3.64E-01	2.77E+01	9.33E-07	1.73E-06	6.25E+01	6.90E+00	4.93E-01	8.41E+00	2.34E+00	2.05E+01	5.06E+04	1.47E+02	2.84E-06	4.33E-06	4.79E-01	1.08E-02	1.96E+01	9.60E+01	5.08E+04	3.83E-04	5.08E+04	5.09E+04	1.16E+02	0.00E+00	0.00E+00	0.00E+00	1.01E+02
FR92S	7.47E-01	2.17E+02	-5.19E+00	2.22E+02	2.36E-03	0.00E+00	5.25E+03	4.58E-04	1.29E-01	1.38E+00	3.72E-01	2.27E+01	8.66E-07	1.65E-06	1.16E+02	7.70E+00	5.04E-01	8.40E+00	2.76E+00	2.35E+01	5.07E+04	2.23E+02	3.06E-06	4.43E-06	4.95E-01	1.24E-02	2.39E+01	9.67E+01	5.09E+04	3.10E-04	5.09E+04	5.11E+04	1.21E+02	0.00E+00	0.00E+00	0.00E+00	1.18E+02
FR93E	9.04E-01	2.62E+02	-6.71E+00	2.69E+02	3.41E-03	0.00E+00	6.35E+03	7.20E-04	1.55E-01	1.66E+00	4.61E-01	2.80E+01	1.17E-06	2.12E-06	7.32E+01	1.12E+01	6.23E-01	9.77E+00	2.90E+00	2.91E+01	5.84E+04	2.02E+02	3.63E-06	5.24E-06	5.95E-01	1.53E-02	2.65E+01	1.21E+02	5.86E+04	3.88E-04	5.86E+04	5.87E+04	1.47E+02	0.00E+00	0.00E+00	0.00E+00	1.25E+02
FR93G	1.01E+00	2.89E+02	-9.34E+00	2.99E+02	4.09E-03	0.00E+00	6.30E+03	6.70E-04	1.75E-01	1.86E+00	5.39E-01	3.14E+01	1.50E-06	2.31E-06	7.05E+01	1.28E+01	7.30E-01	9.93E+00	3.16E+00	3.29E+01	5.95E+04	2.16E+02	3.88E-06	5.86E-06	6.64E-01	1.75E-02	2.35E+01	1.59E+02	5.97E+04	4.30E-04	5.97E+04	5.99E+04	1.83E+02	0.00E+00	0.00E+00	0.00E+00	1.36E+02
FR93S	9.14E-01	2.68E+02	-6.50E+00	2.74E+02	3.41E-03	0.00E+00	5.87E+03	5.76E-04	1.59E-01	1.69E+00	4.71E-01	2.31E+01	1.08E-06	2.03E-06	1.45E+02	1.10E+01	6.38E-01	9.75E+00	3.37E+00	3.00E+01	5.85E+04	2.79E+02	3.88E-06	5.34E-06	6.09E-01	1.58E-02	2.90E+01	1.22E+02	5.87E+04	3.12E-04	5.87E+04	5.89E+04	1.51E+02	0.00E+00	0.00E+00	0.00E+00	1.45E+02
FR94E	1.16E+00	3.37E+02	-8.33E+00	3.45E+02	4.46E-03	0.00E+00	7.05E+03	1.03E-03	1.99E-01	2.12E+00	5.76E-01	3.21E+01	1.51E-06	2.72E-06	8.37E+01	1.50E+01	7.80E-01	1.39E+01	3.67E+00	3.68E+01	9.59E+04	2.46E+02	4.59E-06	6.62E-06	7.63E-01	1.94E-02	3.51E+01	1.50E+02	9.62E+04	4.52E-04	9.62E+04	9.64E+04	1.85E+02	0.00E+00	0.00E+00	0.00E+00	1.58E+02
FR94S	1.15E+00	3.38E+02	-8.17E+00	3.46E+02	4.01E-03	0.00E+00	6.29E+03	6.71E-04	2.00E-01	2.14E+00	5.88E-01	2.55E+01	1.33E-06	2.57E-06	1.52E+02	1.29E+01	7.97E-01	1.38E+01	4.08E+00	3.32E+01	9.60E+04	3.00E+02	4.76E-06	6.61E-06	7.69E-01	1.76E-02	3.27E+01	1.50E+02	9.63E+04	3.53E-04	9.63E+04	9.64E+04	1.83E+02	0.00E+00	0.00E+00	0.00E+00	1.75E+02
FR95E	1.42E+00	4.17E+02	-9.37E+00	4.26E+02	4.95E-03	0.00E+00	7.31E+03	8.69E-04	2.43E-01	2.60E+00	6.48E-01	3.24E+01	1.64E-06	3.33E-06	8.50E+01	1.57E+01	8.77E-01	2.24E+01	4.47E+00	3.83E+01	1.06E+05	2.58E+02	5.23E-06	7.94E-06	9.41E-01	2.03E-02	3.62E+01	1.68E+02	1.06E+05	4.48E-04	1.06E+05	1.06E+05	2.04E+02	0.00E+00	0.00E+00	0.00E+00	1.92E+02
FR95S	1.42E+00	4.22E+02	-9.05E+00	4.31E+02	5.51E-03	0.00E+00	7.24E+03	8.37E-04	2.47E-01	2.64E+00	6.87E-01	2.59E+01	1.53E-06	3.18E-06	2.02E+02	1.78E+01	9.29E-01	1.97E+01	5.13E+00	4.37E+01	1.05E+05	3.94E+02	5.70E-06	8.05E-06	9.54E-01	2.29E-02	4.36E+01	1.72E+02	1.06E+05	3.55E-04	1.06E+05	1.06E+05	2.15E+02	0.00E+00	0.00E+00	0.00E+00	2.21E+02
FW324FT	3.20E-01	8.15E+01	-3.40E+00	8.49E+01	1.23E-07	0.00E+00	1.25E+03	3.86E-04	5.03E-02	5.37E-01	1.38E-01	1.24E+02	5.33E-07	9.76E-07	6.49E+01	9.74E-01	1.87E-01	3.63E+00	8.03E-01	9.50E+00	3.93E+03	1.69E+01	3.61E-06	4.07E-06	1.91E-01	4.76E-03	3.63E+00	5.10E+01	3.95E+03	1.93E-03	3.95E+03	4.00E+03	5.47E+01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
FW324WT	3.49E-01	1.02E+02	-2.51E+00	1.05E+02	1.23E-07	0.00E+00	1.29E+03	3.77E-04	5.95E-02	6.38E-01	1.45E-01	2.03E+01	-2.85E-07	8.83E-07	5.28E+01	8.93E-01	1.96E-01	6.49E+00	1.13E+00	4.64E+00	5.30E+03	4.30E+01	6.76E-07	2.07E-06	2.30E-01	2.31E-03	5.04E+00	4.07E+01	5.34E+03	5.05E-04	5.34E+03	5.39E+03	4.57E+01	0.00E+00	0.00E+00	0.00E+00	4.86E+01
FW424FT	3.73E-01	9.77E+01	-3.78E+00	1.01E+02	3.23E-07	0.00E+00	1.29E+03	5.40E-04	5.96E-02	6.37E-01	1.67E-01	1.33E+02	2.15E-06	1.10E-06	6.39E+01	1.09E+00	2.26E-01	4.20E+00	9.41E-01	1.10E+01	4.79E+03	1.89E+01	3.91E-06	4.55E-06	2.27E-01	5.39E-03	4.39E+00	5.77E+01	4.81E+03	2.16E-03	4.81E+03	4.87E+03	6.21E+01	0.00E+00	0.00E+00	0.00E+00	4.04E+01
FW424WT	3.85E-01	1.15E+02	-2.86E+00	1.18E+02	3.23E-07	0.00E+00	1.33E+03	5.31E-04	6.70E-02	7.17E-01	1.76E-01	1.49E+01	1.07E-06	9.32E-07	4.52E+01	9.90E-01	2.38E-01	6.34E+00	1.25E+00	5.65E+00	5.95E+03	5.00E+01	6.13E-07	2.20E-06	2.57E-01	2.68E-03	5.98E+00	4.73E+01	6.00E+03	5.39E-04	6.00E+03	6.05E+03	5.33E+01	0.00E+00	0.00E+00	0.00E+00	5.38E+01
FW436WT	5.87E-01	1.65E+02	-3.77E+00	1.69E+02	1.42E-06	0.00E+00	1.94E+03	1.82E-03	9.63E-02	1.03E+00	2.30E-01	5.64E+01	4.11E-06	1.77E-06	9.29E+01	3.74E+00	3.12E-01	1.06E+01	1.84E+00	8.92E+00	8.45E+03	6.01E+01	1.49E-06	3.76E-06	3.73E-01	4.12E-03	8.84E+00	6.27E+01	8.51E+03	1.22E-03	8.51E+03	8.58E+03	7.15E+01	0.00E+00	0.00E+00	0.00E+00	7.89E+01
FW524FT	4.38E-01	1.17E+02	-4.50E+00	1.21E+02	3.23E-07	0.00E+00	1.36E+03	5.67E-04	7.08E-02	7.55E-01	2.02E-01	1.45E+02	2.25E-06	1.26E-06	6.41E+01	1.13E+00	2.73E-01	4.92E+00	1.11E+00	1.26E+01	5.78E+03	2.14E+01	4.33E-06	5.15E-06	2.70E-01	6.15E-03	3.74E+00	6.89E+01	5.81E+03	2.39E-03	5.81E+03	5.88E+03	7.27E+01	0.00E+00	0.00E+00	0.00E+00	4.78E+01
FW524WT	4.54E-01	1.34E+02	-5.21E+00	1.39E+02	3.23E-07	0.00E+00	1.42E+03	5.81E-04	8.09E-02	8.58E-01	2.18E-01	1.52E+01	1.37E-06	1.07E-06	4.78E+01	1.01E+00	2.95E-01	7.27E+00	1.45E+00	7.54E+00	7.00E+03	5.65E+01	7.09E-07	2.57E-06	3.05E-01	3.56E-03	6.48E-01	7.95E+01	7.06E+03	6.03E-04	7.06E+03	7.14E+03	8.02E+01	0.00E+00	0.00E+00	0.00E+00	6.23E+01
FW536FT	6.18E-01	1.64E+02	-5.14E+00	1.69E+02	4.46E-07	0.00E+00	2.24E+03	8.52E-04	9.72E-02	1.04E+00	2.49E-01	1.77E+02	2.35E-06	1.85E-06	8.98E+01	1.95E+00	3.38E-01	9.05E+00	1.64E+00	1.52E+01	8.21E+03	2.64E+01	5.08E-06	6.53E-06	3.75E-01	7.56E-03	6.20E+00	8.03E+01	8.23E+03	2.91E-03	8.23E+03	8.32E+03	8.65E+01	0.00E+00	0.00E+00	0.00E+00	7.03E+01
FW624FT	4.83E-01	1.30E+02	-5.06E+00	1.35E+02	3.23E-07	0.00E+00	1.40E+03	5.90E-04	7.87E-02	8.39E-01	2.24E-01	1.58E+02	2.32E-06	1.36E-06	6.44E+01	1.18E+00	3.03E-01	5.50E+00	1.22E+00	1.39E+01	6.50E+03	2.35E+01	4.74E-06	5.65E-06	3.00E-01	6.86E-03	3.20E+00	7.73E+01	6.53E+03	2.62E-03	6.53E+03	6.61E+03	8.05E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+01
FW624WT	4.84E-01	1.47E+02	-3.61E+00	1.50E+02	3.23E-07	0.00E+00	1.43E+03	5.75E-04	8.50E-02	9.09E-01	2.37E-01	1.55E+01	1.19E-06	1.15E-06	4.91E+01	1.04E+00	3.20E-01	7.20E+00	1.56E+00	7.21E+00	7.65E+03	6.12E+01	6.91E-07	2.72E-06	3.26E-01	3.46E-03	6.82E+00	6.03E+01	7.71E+03	6.63E-04	7.71E+03	7.78E+03	6.71E+01	0.00E+00	0.00E+00	0.00E+00	6.70E+01
FW636FT	7.11E-01	1.91E+02	-5.77E+00	1.97E+02	4.46E-07	0.00E+00	2.32E+03	8.82E-04	1.13E-01	1.21E+00	2.93E-01	1.90E+02	2.44E-06	2.06E-06	9.01E+01	2.01E+00	3.97E-01	1.04E+01	1.90E+00	1.69E+01	9.60E+03	2.93E+01	5.50E-06	7.27E-06	4.37E-01	8.43E-03	6.29E+00	9.08E+01	9.63E+03	3.16E-03	9.63E+03	9.73E+03	9.71E+01	0.00E+00	0.00E+00	0.00E+00	8.17E+01
FWB31D1	6.28E-02	1.98E+01	-8.70E-01	2.06E+01	1.14E-04	0.00E+00	7.29E+01	4.42E-05	1.20E-02	1.29E-01	4.18E-02	4.46E-01	1.21E-07	1.63E-07	2.05E+01	1.09E+00	5.66E-02	5.96E-01	1.52E-01	2.76E+00	1.04E+04	5.12E+01	1.28E-06	3.44E-07	4.55E-02	1.03E-03	3.25E+00	1.37E+01	1.04E+04	1.06E-02	1.04E+04	1.04E+04	1.70E+01	0.00E+00	0.00E+00	0.00E+00	6.52E+00
FWB31S	1.09E-01	3.03E+01	-9.06E-01	3.12E+01	1.64E-04	0.00E+00	2.64E+03	9.62E-05	1.81E-02	1.96E-01	6.05E-02	9.63E+00	1.53E-07	4.89E-07	4.24E+01	1.27E+00	8.18E-02	7.84E-01	2.56E-01	3.56E+00	1.09E+04	5.31E+01	1.38E-06	5.92E-07	6.94E-02	1.30E-03	5.86E+00	1.56E+01	1.09E+04	7.50E-03	1.09E+04	1.09E+04	2.15E+01	0.00E+00	0.00E+00	3.52E-02	1.10E+01
FWB32D1	8.61E-02	2.78E+01	-1.25E+00	2.91E+01	1.14E-04	0.00E+00	1.01E+02	5.81E-05	1.69E-02	1.81E-01	5.88E-02	7.73E-01	1.75E-07	2.42E-07	2.37E+01	1.62E+00	7.95E-02	9.26E-01	2.03E-01	3.58E+00	2.03E+04	7.55E+01	2.45E-06	4.69E-07	6.41E-02	1.48E-03	3.20E+00	1.97E+01	2.04E+04	1.24E-02	2.04E+04	2.04E+04	2.29E+01	0.00E+00	0.00E+00	0.00E+00	8.72E+00
FWB32M2	1.65E-01	5.00E+01	-1.36E+00	5.14E+01	1.85E-04	0.00E+00	3.16E+03	1.83E-04	2.88E-02	3.11E-01	1.02E-01	1.10E+01	2.28E-07	7.20E-07	4.87E+01	2.09E+00	1.38E-01	1.22E+00	3.44E-01	5.56E+00	2.12E+04	1.23E+02	2.65E-06	8.84E-07	1.10E-01	2.32E-03	8.61E+00	2.41E+01	2.14E+04	1.25E-02	2.14E+04	2.14E+04	3.27E+01	0.00E+00	0.00E+00	7.03E-02	1.48E+01
FWB32S	1.67E-01	4.72E+01	-1.33E+00	4.86E+01	1.85E-04	0.00E+00	4.77E+03	1.58E-04	2.77E-02	2.97E-01	9.46E-02	1.89E+01	2.34E-07	8.74E-07	6.62E+01	1.92E+00	1.28E-01	1.24E+00	3.57E-01	4.94E+00	2.13E+04	8.13E+01	2.64E-06	9.02E-07	1.07E-01	1.93E-03	7.10E+00	2.33E+01	2.14E+04	9.40E-03	2.14E+04	2.14E+04	3.04E+01	0.00E+00	0.00E+00	7.03E-02	1.53E+01
FWB34S	3.18E-01	8.75E+01	-2.19E+00	8.96E+01	2.25E-04	0.00E+00	9.14E+03	2.89E-04	5.14E-02	5.52E-01	1.67E-01	3.77E+01	3.99E-07	1.69E-06	1.15E+02	3.28E+00	2.25E-01	2.79E+00	7.07E-01	7.88E+00	4.22E+04	1.47E+02	5.19E-06	1.70E-06	1.99E-01	3.25E-03	1.05E+01	3.91E+01	4.24E+04	1.64E-02	4.24E+04	4.24E+04	4.96E+01	0.00E+00	0.00E+00	1.41E-01	3.04E+01
FWB41D1	8.07E-02	2.60E+01	-1.05E+00	2.70E+01	1.14E-04	0.00E+00	8.66E+01	5.13E-05	1.54E-02	1.65E-01	5.20E-02	4.66E-01	1.46E-07	2.09E-07	2.13E+01	1.16E+00	7.04E-02	9.62E-01	2.03E-01	3.03E+00	1.07E+04	5.77E+01	1.32E-06	4.33E-07	5.89E-02	1.16E-03	3.01E+00	1.65E+01	1.08E+04	1.50E-02	1.08E+04	1.08E+04	1.96E+01	0.00E+00	0.00E+00	0.00E+00	8.70E+00

Manufacturing A1 - A3	FWB41S	1.47E-01	4.18E+01	-1.12E+00	4.29E+01	1.64E-04	0.00E+00	2.79E+03	1.53E-04	2.45E-02	2.65E-01	8.23E-02	1.14E+01	1.87E-07	6.00E-07	4.72E+01	1.51E+00	1.11E-01	1.13E+00	3.41E-01	4.27E+00	1.13E+04	9.07E+01	1.48E-06	7.86E-07	9.43E-02	1.60E-03	6.28E+00	1.96E+01	1.14E+04	1.52E-02	1.14E+04	1.15E+04	2.59E+01	0.00E+00	0.00E+00	3.52E-02	1.46E+01
	FWB42D1	9.92E-02	3.21E+01	-1.47E+00	3.36E+01	1.14E-04	0.00E+00	1.13E+02	5.84E-05	1.94E-02	2.07E-01	6.26E-02	7.87E-01	2.02E-07	2.78E-07	2.51E+01	1.63E+00	8.48E-02	1.41E+00	2.48E-01	3.75E+00	2.06E+04	7.31E+01	2.47E-06	5.34E-07	7.40E-02	1.56E-03	2.81E+00	2.27E+01	2.06E+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-07	8.70E-07	5.58E+01	3.69E+00	1.60E-01	2.16E+00	5.60E-01	6.72E+00	2.18E+04	1.38E+02	2.80E-06	1.15E-06	1.44E-01	2.80E-03	9.73E+00	2.82E+01	2.20E+04	2.40E-02	2.20E+04	2.20E+04	3.80E+01	0.00E+00	0.00E+00	3.52E-02	2.41E+01
	FWB42K5	1.79E-01	5.80E+01	-1.56E+00	5.96E+01	6.99E-04	0.00E+00	2.73E+03	1.69E-04	3.32E-02	3.56E-01	1.16E-01	5.93E+00	2.74E-07	7.34E-07	4.08E+01	3.57E+00	1.57E-01	1.61E+00	4.37E-01	6.56E+00	2.17E+04	1.34E+02	2.72E-06	9.56E-07	1.28E-01	2.83E-03	8.74E+00	2.80E+01	2.18E+04	2.39E-02	2.18E+04	2.19E+04	3.68E+01	0.00E+00	0.00E+00	3.52E-02	1.88E+01
	FWB42M2	1.97E-01	6.11E+01	-1.62E+00	6.27E+01	1.85E-04	0.00E+00	3.96E+03	2.10E-04	3.49E-02	3.76E-01	1.21E-01	1.09E+01	2.71E-07	8.14E-07	5.00E+01	2.21E+00	1.64E-01	1.63E+00	4.22E-01	6.34E+00	2.18E+04	1.48E+02	2.74E-06	1.05E-06	1.34E-01	2.70E-03	9.51E+00	2.86E+01	2.19E+04	1.83E-02	2.19E+04	2.20E+04	3.81E+01	0.00E+00	0.00E+00	7.03E-02	1.81E+01
	FWB42P2	1.67E-01	5.28E+01	-1.59E+00	5.44E+01	1.64E-04	0.00E+00	1.81E+03	1.43E-04	3.05E-02	3.28E-01	1.05E-01	6.21E+00	2.60E-07	5.93E-07	3.85E+01	2.01E+00	1.42E-01	1.58E+00	3.95E-01	5.15E+00	2.15E+04	1.19E+02	2.65E-06	8.88E-07	1.17E-01	2.12E-03	6.10E+00	2.70E+01	2.16E+04	1.82E-02	2.16E+04	2.16E+04	3.31E+01	0.00E+00	0.00E+00	3.52E-02	1.70E+01
	FWB42S	2.17E-01	6.19E+01	-1.62E+00	6.36E+01	1.85E-04	0.00E+00	5.06E+03	2.59E-04	3.60E-02	3.87E-01	1.22E-01	2.25E+01	2.81E-07	1.04E-06	7.58E+01	2.27E+00	1.64E-01	1.68E+00	4.56E-01	6.01E+00	2.19E+04	1.43E+02	2.81E-06	1.16E-06	1.39E-01	2.36E-03	7.96E+00	2.86E+01	2.20E+04	1.84E-02	2.20E+04	2.21E+04	3.65E+01	0.00E+00	0.00E+00	7.03E-02	1.96E+01
	FWB43S	3.41E-01	9.34E+01	-2.19E+00	9.56E+01	2.05E-04	0.00E+00	7.44E+03	4.56E-04	5.52E-02	5.95E-01	1.81E-01	3.38E+01	3.90E-07	1.52E-06	1.05E+02	3.23E+00	2.45E-01	2.30E+00	7.26E-01	8.60E+00	3.24E+04	2.66E+02	4.25E-06	1.81E-06	2.10E-01	3.38E-03	1.20E+01	3.97E+01	3.27E+04	2.12E-02	3.27E+04	3.28E+04	5.16E+01	0.00E+00	0.00E+00	1.06E-01	3.12E+01
	FWB44S	4.17E-01	1.15E+02	-2.71E+00	1.17E+02	2.25E-04	0.00E+00	9.73E+03	4.77E-04	6.72E-02	7.23E-01	2.25E-01	4.49E+01	4.87E-07	2.00E-06	1.34E+02	3.80E+00	3.04E-01	2.89E+00	9.25E-01	9.66E+00	4.32E+04	2.51E+02	5.49E-06	2.21E-06	2.59E-01	3.89E-03	1.23E+01	4.91E+01	4.34E+04	2.50E-02	4.34E+04	4.35E+04	6.14E+01	0.00E+00	0.00E+00	1.41E-01	3.97E+01
	FWB51D1	7.95E-02	2.60E+01	-1.20E+00	2.72E+01	1.14E-04	0.00E+00	8.91E+01	5.66E-05	1.55E-02	1.66E-01	5.80E-02	4.86E-01	1.67E-07	2.08E-07	2.21E+01	1.24E+00	7.85E-02	6.15E-01	1.94E-01	3.31E+00	1.07E+04	6.43E+01	1.35E-06	4.28E-07	5.92E-02	1.30E-03	2.77E+00	1.89E+01	1.08E+04	1.95E-02	1.08E+04	1.08E+04	2.17E+01	0.00E+00	0.00E+00	0.00E+00	8.33E+00
	FWB51S	1.51E-01	4.49E+01	-1.29E+00	4.62E+01	1.64E-04	0.00E+00	2.79E+03	1.87E-04	2.59E-02	2.79E-01	9.44E-02	1.18E+01	2.13E-07	6.43E-07	4.95E+01	1.67E+00	1.28E-01	8.53E-01	3.29E-01	4.67E+00	1.16E+04	1.03E+02	1.54E-06	8.06E-07	9.98E-02	1.78E-03	6.27E+00	2.26E+01	1.17E+04	1.97E-02	1.17E+04	1.17E+04	2.89E+01	0.00E+00	0.00E+00	3.52E-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	1.57E-04	2.16E-02	2.32E-01	7.74E-02	1.14E+01	1.99E-07	5.70E-07	4.69E+01	1.49E+00	1.05E-01	7.54E-01	2.76E-01	4.09E+00	1.11E+04	9.77E+01	1.50E-06	6.86E-07	8.28E-02	1.53E-03	4.70E+00	2.09E+01	1.12E+04	1.97E-02	1.12E+04	1.13E+04	2.56E+01	0.00E+00	0.00E+00	3.52E-02	1.18E+01
	FWB52D1	1.09E-01	3.56E+01	-1.73E+00	3.73E+01	1.14E-04	0.00E+00	1.23E+02	7.33E-05	2.15E-02	2.28E-01	7.92E-02	8.24E-01	2.39E-07	2.97E-07	2.66E+01	1.80E+00	1.07E-01	9.49E-01	2.77E-01	4.26E+00	2.07E+04	9.05E+01	2.53E-06	5.86E-07	8.16E-02	1.82E-03	2.48E+00	2.70E+01	2.07E+04	2.40E-02	2.07E+04	2.08E+04	2.95E+01	0.00E+00	0.00E+00	0.00E+00	1.19E+01
	FWB52K1	2.63E-01	7.95E+01	-1.83E+00	8.13E+01	9.67E-04	0.00E+00	3.46E+03	2.15E-04	4.59E-02	4.94E-01	1.46E-01	1.18E+01	3.27E-07	9.99E-07	5.66E+01	4.48E+00	1.98E-01	2.83E+00	6.97E-01	7.79E+00	2.26E+04	1.56E+02	2.88E-06	1.39E-06	1.77E-01	3.34E-03	1.16E+01	3.37E+01	2.27E+04	3.18E-02	2.27E+04	2.28E+04	4.53E+01	0.00E+00	0.00E+00	3.52E-02	2.99E+01
	FWB52K5	2.22E-01	7.37E+01	-1.83E+00	7.55E+01	9.67E-04	0.00E+00	2.76E+03	1.92E-04	4.12E-02	4.42E-01	1.44E-01	5.98E+00	3.20E-07	8.72E-07	4.35E+01	4.44E+00	1.95E-01	2.24E+00	5.55E-01	7.68E+00	2.25E+04	1.55E+02	2.81E-06	1.17E-06	1.60E-01	3.38E-03	9.86E+00	3.35E+01	2.26E+04	3.17E-02	2.26E+04	2.27E+04	4.34E+01	0.00E+00	0.00E+00	3.52E-02	2.38E+01
	FWB52M2	2.43E-01	7.67E+01	-1.92E+00	7.87E+01	1.85E-04	0.00E+00	3.98E+03	2.55E-04	4.29E-02	4.62E-01	1.50E-01	1.27E+01	3.18E-07	9.79E-07	5.54E+01	2.40E+00	2.03E-01	2.27E+00	5.32E-01	7.09E+00	2.26E+04	1.66E+02	2.83E-06	1.28E-06	1.66E-01	3.06E-03	9.95E+00	3.41E+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	1.57E-04	0.00E+00	4.58E+03	2.23E-04	4.54E-02	4.91E-01	1.55E-01	5.12E-01	3.22E-07	7.94E-07	2.86E+01	2.25E+00	2.10E-01	2.54E+00	5.53E-01	7.18E+00	2.31E+04	1.60E+02	2.75E-06	1.28E-06	1.76E-01	3.21E-03	1.19E+01	3.45E+01	2.32E+04	2.41E-02	2.32E+04	2.33E+04	4.65E+01	0.00E+00	0.00E+00	2.21E-02	2.37E+01
	FWB52N3	2.45E-01	8.18E+01	-1.96E+00	8.37E+01	1.57E-04	0.00E+00	4.58E+03	2.23E-04	4.55E-02	4.92E-01	1.55E-01	5.12E-01	3.22E-07	7.94E-07	2.86E+01	2.25E+00	2.10E-01	2.54E+00	5.53E-01	7.18E+00	2.31E+04	1.60E+02	2.75E-06	1.28E-06	1.76E-01	3.21E-03	1.19E+01	3.45E+01	2.32E+04	2.41E-02	2.32E+04	2.33E+04	4.65E+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	1.64E-04	0.00E+00	1.83E+03	1.61E-04	3.77E-02	4.04E-01	1.31E-01	6.25E+00	3.04E-07	7.04E-07	4.07E+01	2.11E+00	1.77E-01	2.15E+00	5.01E-01	5.67E+00	2.22E+04	1.33E+02	2.72E-06	1.08E-06	1.46E-01	2.35E-03	6.06E+00	3.21E+01	2.24E+04	2.41E-02	2.24E+04	2.24E+04	3.82E+01	0.00E+00	0.00E+00	3.52E-02	2.15E+01
	FWB53K1	5.05E-01	1.14E+02	-2.42E+00	1.16E+02	9.87E-04	0.00E+00	6.06E+03	3.81E-04	6.65E-02	7.18E-01	1.98E-01	2.39E+01	4.40E-07	1.57E-06	8.89E+01	5.45E+00	2.68E-01	4.54E+00	1.03E+00	1.00E+01	3.36E+04	2.21E+02	4.30E-06	2.07E-06	2.57E-01	4.24E-03	1.58E+01	4.47E+01	3.39E+04	3.64E-02	3.39E+04	3.39E+04	6.06E+01	0.00E+00	0.00E+00	7.03E-02	4.40E+01
	FWB53N	3.63E-01	1.20E+02	-2.58E+00	1.22E+02	1.70E-04	0.00E+00	1.04E+04	3.69E-04	6.66E-02	7.24E-01	2.14E-01	7.89E-01	4.56E-07	1.20E-06	3.60E+01	3.06E+00	2.89E-01	4.25E+00	8.16E-01	9.92E+00	3.46E+04	2.33E+02	4.10E-06	1.90E-06	2.57E-01	4.48E-03	2.17E+01	4.63E+01	3.48E+04	2.87E-02	3.48E+04	3.49E+04	6.80E+01	0.00E+00	0.00E+00	4.42E-02	3.51E+01
	FWB53N3	3.63E-01	1.20E+02	-2.58E+00	1.22E+02	1.70E-04	0.00E+00	1.04E+04	3.65E-04	6.68E-02	7.25E-01	2.14E-01	7.82E-01	4.56E-07	1.20E-06	3.46E+01	3.07E+00	2.89E-01	4.25E+00	8.03E-01	1.03E+01	3.46E+04	2.29E+02	4.09E-06	1.90E-06	2.57E-01	4.82E-03	2.19E+01	4.63E+01	3.48E+04	2.87E-02	3.48E+04	3.49E+04	6.82E+01	0.00E+00	0.00E+00	4.42E-02	3.45E+01
	FWB53S	3.63E-01	1.06E+02	-2.52E+00	1.09E+02	2.05E-04	0.00E+00	7.42E+03	4.00E-04	6.06E-02	6.51E-01	2.00E-01	3.37E+01	4.37E-07	1.69E-06	1.07E+02	3.19E+00	2.71E-01	3.46E+00	7.86E-01	8.62E+00	3.36E+04	2.21E+02	4.24E-06	1.91E-06	2.36E-01	3.50E-03	1.05E+01	4.50E+01	3.38E+04	2.89E-02	3.38E+04	3.39E+04	5.55E+01	0.00E+00	0.00E+00	1.06E-01	3.37E+01
	FWB54S	4.87E-01	1.40E+02	-3.14E+00	1.43E+02	2.25E-04	0.00E+00	9.74E+03	5.17E-04	8.02E-02	8.63E-01	2.55E-01	4.50E+01	5.50E-07	2.24E-06	1.36E+02	3.97E+00	3.45E-01	5.06E+00	1.11E+00	1.04E+01	4.46E+04	2.79E+02	5.59E-06	2.56E-06	3.12E-01	4.24E-03	1.22E+01	5.63E+01	4.49E+04	3.35E-02	4.49E+04	4.50E+04	6.85E+01	0.00E+00	0.00E+00	1.41E-01	4.75E+01
	FWB61D	1.23E-01	4.02E+01	-1.41E+00	4.16E+01	1.44E-04	0.00E+00	3.09E+02	7.29E-05	2.33E-02	2.50E-01	8.23E-02	5.29E-01	2.04E-07	3.16E-07	2.38E+01	1.44E+00	1.11E-01	1.20E+00	3.12E-01	4.16E+00	1.14E+04	7.67E+01	1.42E-06	6.49E-07	9.00E-02	1.70E-03	4.14E+00	2.32E+01	1.15E+04	2.40E-02	1.15E+04	1.15E+04	2.73E+01	0.00E+00	0.00E+00	0.00E+00	1.34E+01
	FWB61S	1.80E-01	5.17E+01	-1.47E+00	5.31E+01	1.64E-04	0.00E+00	2.83E+03	1.71E-04	3.04E-02	3.27E-01	1.03E-01	1.14E+01	2.37E-07	6.96E-07	4.88E+01	1.57E+00	1.39E-01	1.31E+00	4.40E-01	4.77E+00	1.18E+04	1.01E+02	1.56E-06	9.50E-07	1.17E-01	1.79E-03	5.94E+00	2.52E+01	1.19E+04	1.76E-02	1.19E+04	1.19E+04	3.12E+01	0.00E+00	0.00E+00	3.52E-02	1.89E+01
	FWB62D1	1.22E-01	3.97E+01	-1.96E+00	4.17E+01	1.14E-04	0.00E+00	1.42E+02	8.11E-05	2.40E-02	2.55E-01	8.94E-02	8.57E-01	2.71E-07	3.27E-07	2.81E+01	1.88E+00	1.21E-01	9.62E-01	3.17E-01	4.63E+00	2.08E+04	9.84E+01	2.59E-06	6.51E-07	9.13E-02	1.99E-03	2.11E+00	3.06E+01	2.09E+04	2.98E-02	2.09E+04	2.10E+04	3.27E+01	0.00E+00	0.00E+00	0.00E+00	1.36E+01
	FWB62K1	3.65E-01	8.61E+01	-2.08E+00	8.82E+01	1.23E-03	0.00E+00	3.49E+03	2.62E-04	4.98E-02	5.36E-01	1.71E-01	1.25E+01	3.70E-07	1.07E-06	6.21E+01	5.46E+00	2.31E-01	2.13E+00	7.73E-01	9.06E+00	2.28E+04	1.82E+02	3.01E-06	1.50E-06	1.92E-01	3.92E-03	1.29E+01	3.88E+01	2.29E+04	3.95E-02	2.29E+04	2.30E+04	5.17E+01	0.00E+00	0.00E+00	3.52E-02	3.32E+01
	FWB62K5	2.55E-01	8.51E+01	-2.09E+00	8.72E+01	1.23E-03	0.00E+00	2.80E+03	2.17E-04	4.75E-02	5.09E-01	1.69E-01	6.25E+00	3.63E-07	9.80E-07	4.62E+01	5.31E+00	2.29E-01	2.40E+00	6.48E-01	8.89E+00	2.30E+04	1.78E+02	2.93E-06	1.34E-06	1.85E-01	3.96E-03	1.09E+01	3.86E+01	2.32E+04	3.94E-02	2.32E+04	2.32E+04	4.95E+01	0.00E+00	0.00E+00	3.52E-02	2.78E+01
	FWB62M2	2.84E-01	8.85E+01	-2.20E+00	9.07E+01	1.85E-04	0.00E+00	4.76E+03	2.92E-04	4.95E-02	5.33E-01	1.74E-01	1.74E+01	3.66E-07	1.17E-06	6.74E+01	2.55E+00	2.36E-01	2.43E+00	6.23E-01	8.00E+00	2.31E+04	1.85E+02	2.96E-06	1.50E-06	1.92E-01	3.44E-03	1.06E+01	3.91E+01	2.33E+04	3.00E-02	2.33E+04	2.34E+04	4.97E+01	0.00E+00	0.00E+00	7.03E-02	2.68E+01
	FWB62N	2.85E-01	9.50E+01	-2.25E+00	9.72E+01	1.59E-04	0.00E+00	8.17E+03	2.99E-04	5.30E-02	5.74E-01	1.81E-01	6.30E-01	3.87E-07	9.39E-07	3.06E+01	2.40E+00	2.45E-01	2.71E+00	6.40E-01	8.01E+00	2.37E+04	1.89E+02	2.88E-06	1.49E-06	2.04E-01	3.51E-03	1.53E+01	3.98E+01	2.38E+04	2.99E-02	2.38E+04	2.39E+04	5.51E+01	0.00E+00	0.00E+00	2.63E-02	2.75E+01
	FWB62N3	2.87E-01	9.54E+01	-2.26E+00	9.77E+01	1.59E-04	0.00E+00	7.02E+03	2.97E-04	5.32E-02	5.76E-01	1.82E-01	6.38E-01	3.81E-07	9.31E-07	3.06E+01	2.43E+00	2.47E-01	2.71E+00	6.41E-01	8.05E+00	2.37E+04	1.97E+02	2.89E-06	1.50E-06	2.05E-01	3.53E-03	1.52E+01	3.99E+01	2.39E+04	2.99E-02	2.39E+04	2.39E+04	5.51E+01	0.00E+00	0.00E+00	2.63E-02	2.75E+01
	FWB62S	3.74E-01	8.91E+01	-2.21E+00	9.13E+01	1.85E-04	0.00E+00	5.10E+03	3.56E-04	5.04E-02	5.41E-01	1.74E-01	2.34E+01	3.70E-07	1.29E-06	8.18E+01	2.66E+00	2.36E-01	2.48E+00	6.62E-01	7.19E+00	2.32E+04	1.86E+02	2.99E-06	1.55E-06	1.96E-01	2.84E-03	7.99E+00	3.91E+01	2.34E+04	3.01E-02	2.34E+04	2.35E+04	4.71E+01	0.00E+00	0.00E+00	7.03E-02	2.84E+01
	FWB63D1	1.60E-01	5.18E+01	-2.61E+00	5.44E+01	1.14E-04	0.00E+00	1.87E+02	1.00E-04	3.16E-02	3.35E-01	1.08E-01	1.21E+00	3.58E-07	4.37E-07	3.32E+01	2.45E+00	1.46E-01	1.89E+00	4.29E-01	5.70E+00	3.10E+04	1.26E+02	3.80E-06	8.53E-07	1.20E-01	2.57E-03	1.46E+00	4.01E+01	3.11E+04	3.56E-02	3.11E+04	3.11E+04	4.16E+01	0.00E+00	0.00E+00	0.00E+00	1.84E+01
	FWB63K1	5.52E-01	1.26E+02	-2.85E+00	1.29E+02	1.25E-03	0.00E+00	6.09E+03	4.19E-04	7.33E-02	7.89E-01	2.32E-01	2.42E+01	5.07E-07	1.69E-06	9.43E+01	6.37E+00	3.15E-01	4.27E+00	1.14E+00	1.14E+01	3.42E+04	2.52E+02	4.41E-06	2.26E-06	2.83E-01	4.89E-03	1.69E+01	5.25E+01	3.44E+04	4.54E-02	3.44E+04	3.45E+04	6.94E+01	0.00E+00	0.00E+00	7.03E-02	4.91E+01
	FWB63K5	3.57E-01	1.17E+02	-2.86E+00	1.20E+02	1.25E-03	0.00E+00	3.99E+03	3.17E-04	6.55E-02	7.03E-01	2.28E-01	1.17E+01	4.88E-07	1.40E-06	6.37E+01	6.10E+00	3.08E-01	3.50E+00	8.83E-01	1.10E+01	3.41E+04	2.45E+02	4.28E-06	1.87E-06	2.55E-01	4.86E-03	1.30E+01	5.21E+01	3.43E+04	4.53E-02	3.43E+04	3.44E+04	6.50E+01	0.00E+00	0.00E+00	7.03E-02	3.79E+01
	FWB63N	4.04E-01	1.34E+02	-3.05E+00	1.37E+02	1.70E-04	0.00E+00	9.39E+03	3.98E-04	7.48E-02	8.07E-01	2.48E-01	8.17E-01	5.16E-07	1.32E-06	3.64E+01	3.23E+00	3.35E-01	4.39E+00	9.14E-01	1.12E+01	3.53E+04	2.63E+02	4.22E-06	2.10E-06	2.89E-01	5.20E-03	1.74E+01	5.41E+01	3.55E+04	3.58E-02	3.55E+04	3.56E+04	7.15E+01	0.00E+00	0.00E+00	4.42E-02	3.93E+01
	FWB63N3	4.06E-01	1.35E+02	-3.05E+00	1.38E+02	1.70E-04	0.00E+00	7.93E+03	3.94E-04	7.51E-02	8.11E-01	2.49E-01	8.35E-01	5.09E-07	1.32E-06	3.64E+01	3.26E+00	3.37E-01	4.39E+00	9.17E-01	1.12E+01	3.53E+04	2.71E+02	4.22E-06	2.11E-06	2.90E-01	5.23E-03	1.72E+01	5.42E+01	3.56E+04	3.58E-02	3.56E+04	3.56E+04	7.15E+01	0.00E+00	0.00E+00	4.42E-02	3.94E+01
	FWB63S	5.18E-01	1.22E+02	-2.97E+00	1.25E+02	2.05E-04	0.00E+00	7.46E+03	5.09E-04	6.92E-02	7.43E-01	2.34E-01	3.50E+01	5.04E-07	1.86E-06	1.14E+02	3.58E+00	3.17E-01	3.61E+00	9.19E-01	9.54E+00	3.43E+04	2.56E+02	4.39E-06	2.15E-06	2.69E-01	3.83E-03	1.05E+01	5.27E+01	3.46E+04	3.60E-02	3.46E+04	3.47E+04	6.33E+01	0.00E+00	0.00E+00	1.06E-01	3.95E+01
	FWB64N	5.02E-01	1.63E+02	-3.77E+00	1.67E+02	1.74E-04	0.00E+00	1.74E+04	5.50E-04	9.23E-02	1.00E+00	2.98E-01	1.09E+00	6.64E-07	1.69E-06	4.27E+01	3.72E+00	4.03E-01	5.30E+00	1.19E+00	1.17E+01	4.57E+04	3.16E+02	5.53E-06	2.61E-06	3.54E-01	5.01E-03	2.67E+01	6.59E+01	4.60E+04	3.51E-02	4.60E+04	4.61E+04	9.26E+01	0.00E+00	0.00E+00	5.26E-02	5.09E+01
	FWB64N3	4.99E-01	1.63E+02	-3.80E+00	1.66E+02	1.70E-04	0.00E+00	1.04E+04	4.99E-04	9.18E-02	9.91E-01	3.03E-01	1.04E+00	6.29E-07	1.64E-06	4.20E+01	3.85E+00	4.10E-01	5.31E+00	1.19E+00	1.18E+01	4.57E+04	3.41E+02	5.53E-06	2.58E-06	3.54E-01	5.17E-03	1.88E+01	6.65E+01	4.60E+04	4.16E-02	4.60E+04	4.61E+04	8.53E+01	0.00E+00	0.00E+00	4.42E-02	5.12E+01
	FWB64S	5.42E-01	1.58E+02	-3.71E+00	1.62E+02	1.96E-04	0.00E+00	9.61E+03	5.59E-04	9.03E-02	9.69E-01	2.93E-01	4.51E+01	6.28E-07	2.40E-06	1.38E+02	3.96E+00	3.97E-01	5.31E+00	1.26E+00	1.10E+01	4.55E+04	3.03E+02	5.72E-06	2.83E-06	3.51E-01	4.40E-03	1.13E+01	6.55E+01	4.58E+04	3.55E-02	4.58E+04	4.59E+04	7.68E+01	0.00E+00	0.00E+00	1.41E-01	5.39E+01
	FWB71D1	1.05E-01	3.35E+01	-1.43E+00	3.49E+01	1.14E-04	0.00E+00	1.20E+02	6.92E-05	2.01E-02	2.14E-01	7.09E-02	5.25E-01	2.00E-07	2.60E-07	2.35E+01	1.40E+00	9.60E-02	9.84E-01	2.85E-01	3.75E+00	1.10E+04	7.88E+01	1.42E-06	5.60E-07	7.69E-02	1.51E-03	2.63E+00	2.27E+01	1.11E+04	2.84E-02	1.11E+04	1.11E+04	2.53E+01	0.00E+00	0.00E+00	0.00E+00	1.22E+01
	FWB71S	1.91E-01	5.73E+01	-1.56E+00	5.88E+01	1.64E-04	0.00E+00	3.41E+03	2.02E-04	3.31E-02	3.56E-01	1.17E-01	1.19E+01	2.57E-07	7.64E-07	5.14E+01	1.81E+00	1.59E-01	1.23E+00	4.55E-01	5.27E+00	1.21E+04	1.13E+02	1.64E-06	1.01E-06	1.28E-01	2.04E-03	6.38E+00	2.73E+01	1.23E+04	2.85E-02	1.23E+04	1.23E+04	3.37E+01	0.00E+00	0.00E+00	3.52E-02	1.95E+01
	FWB72K1	3.27E-01	1.00E+02	-2.34E+00	1.03E+02	1.23E-03	0.00E+00	4.09E+03	2.81E-04	5.75E-02	6.18E-01	1.89E-01	1.25E+01	4.12E-07	1.21E-06	5.87E+01	5.47E+00	2.56E-01	3.19E+00	8.61E-01	1.01E+01	2.35E+04	1.82E+02	3.00E-06	1.72E-06	2.22E-01	4.49E-03	1.30E+01	4.32E+01	2.37E+04	3.57E-02	2.37E+04	2.38E+04	5.61E+01	0.00E+00	0.00E+00	3.52E-02	3.70E+01
	FWB72K5	3.23E-01	9.94E+01	-2.17E+00	1.02E+02	1.23E-03	0.00E+00	3.03E+03	2.24E-04	5.86E-02	6.29E-01	1.87E-01	6.23E+00	4.03E-07	1.12E-06	4.37E+01	5.92E+00	2.53E-01	2.65E+00	8.06E-01	1.73E+01	2.43E+04	1.77E+02	3.00E-06	1.74E-06	2.26E-01	9.51E-03	1.61E+01	4.29E+01	2.45E+04	3.56E-02	2.45E+04	2.45E+04	5.90E+01	0.00E+00	0.00E+00	3.52E-02	3.46E+01
	FWB72M2	3.62E-01	1.06E+02	-2.30E+00	1.08E+02	1.85E-04	0.00E+00	5.37E+03	3.26E-04	6.25E-02	6.73E-01	1.98E-01	1.75E+01	4.13E-07	1.34E-06	6.95E+01	3.29E+00	2.69E-01	2.69E+00	8.37E-01	1.63E+01	2.44E+04	2.09E+02	3.12E-06	1.95E-06	2.40E-01	8.89E-03	1.67E+01	4.41E+01	2.47E+04	3.58E-02	2.47E+04	2.47E+04	6.08E+01	0.00E+00	0.00E+00	7.03E-02	3.60E+01
	FWB72N	3.57E-01	1.10E+02	-2.35E+00	1.13E+02	1.59E-04	0.00E+00	6.63E+03	2.98E-04	6.48E-02	7.00E-01	2.03E-01	6.46E-01	4.20E-07	1.09E-06	3.23E+01	3.10E+00	2.74E-01	2.96E+00	8.53E-01	1.61E+01	2.50E+04	2.03E+02	3.02E-06	1.90E-06	2.49E-01	8.82E-03	1.78E+01	4.45E+01	2.52E+04	3.57E-02	2.52E+04	2.52E+04	6.24E+01	0.00E+00	0.00E+00	2.63E-02	3.66E+01
	FWB72N3	3.57E-01	1.10E+02	-2.35E+00	1.13E+02	1.59E-04	0.00E+00	6.63E+03	2.98E-04	6.48E-02	7.00E-01	2.03E-01	6.46E-01	4.20E-07	1.09E-06	3.23E+01	3.10E+00	2.74E-01	2.96E+00	8.53E-01	1.61E+01	2.50E+04	2.03E+02	3.02E-06	1.90E-06	2.49E-01	8.82E-03	1.78E+01	4.45E+01	2.52E+04	3.57E-02	2.52E+04	2.52E+04	6.24E+01	0.00E+00	0.00E+00	2.63E-02	3.66E+01
	FWB72S	3.60E-01	1.02E+02	-2.33E+00	1.05E+02	1.85E-04	0.00E+00	6.28E+03	3.48E-04	6.11E-02	6.57E-01	1.91E-01	2.34E+01	4.15E-07	1.46E-06	8.38E+01	3.15E+00	2.58E-01	2.73E+00	8.69E-01	1.33E+01	2.45E+04	1.71E+02	3.08E-06	1.92E-06	2.37E-01	6.88E-03	1.20E+01	4.33E+01	2.47E+04	3.58E-02	2.47E+04	2.48E+04	5.53E+01	0.00E+00	0.00E+00	7.03E-02	3.73E+01
	FWB73N	4.46E-01	1.39E+02	-3.08E+00	1.42E+02	1.67E-04	0.00E+00	8.26E+03	3.90E-04	8.14E-02	8.79E-01	2.50E-01	8.39E-01	5.36E-07	1.42E-06	3.87E+01	3.73E+00	3.39E-01	4.24E+00	1.07E+00	1.79E+01	3.59E+04	2.64E+02	4.33E-06	2.36E-06	3.12E-01	9.62E-03	2.15E+01	5.68E+01	3.61E+04	3.53E-02	3.61E+04	3.62E+04	7.83E+01	0.00E+00	0.00E+00	4.00E-02	4.58E+01
	FWB73N3	4.78E-01	1.49E+02	-3.11E+00	1.52E+02	1.67E-04	0.00E+00	8.27E+03	4.06E-04	8.68E-02	9.37E-01	2.66E-01	8.67E-01	5.48E-07	1.48E-06	3.90E+01	3.97E+00	3.59E-01	4.67E+00	1.13E+00	1.94E+01	3.65E+04	2.82E+02	4.38E-06	2.53E-06	3.34E-01	1.06E-02	2.25E+01	5.84E+01	3.68E+04	4.29E-02	3.68E+04	3.69E+04	8.09E+01	0.00E+00	0.00E+00	4.00E-02	4.86E+01
	FWB74N	6.19E-01	1.90E+02	-3.77E+00	1.93E+02	1.74E-04	0.00E+00	1.27E+04	5.21E-04	1.12E-01	1.21E+00	3.34E-01	1.07E+00	6.95E-07	1.96E-06	4.55E+01	5.04E+00	4.52E-01	5.79E+00	1.51E+00	2.76E+01	4.84E+04	3.34E+02	5.76E-06	3.29E-06	4.31E-01	1.56E-02	2.95E+01	7.26E+01	4.87E+04	4.25E-02	4.87E+04	4.88E+04	1.02E+02	0.00E+00	0.00E+00	5.26E-02	6.48E+01
	FWB74N3	6.24E-01	1.91E+02	-3.80E+00	1.95E+02	1.74E-04	0.00E+00	1.27E+04	5.33E-04	1.13E-01	1.22E+00	3.37E-01	1.10E+00	7.00E-07	1.97E-06	4.57E+01	5.18E+00	4.57E-01	5.79E+00	1.52E+00	2.78E+01	4.84E+04	3.51E+02	5.80E-06	3.32E-06	4.35E-01	1.57E-02	2.96E+01	7.32E+01	4.88E+04	5.00E-02	4.88E+04	4.89E+04	1.03E+02	0.00E+00	0.00E+00	5.26E-02	6.51E+01
	FWB74S	6.60E-01	1.84E+02	-3.76E+00	1.88E+02	2.26E-04	0.00E+00	1.21E+04	6.38E-04	1.10E-01	1.19E+00	3.24E-01	4.67E+01	6.99E-07	2.78E-06	1.49E+02	5.39E+00	4.39E-01	5.84E+00	1.61E+00	2.37E+01	4.82E+04	2.89E+02	5.95E-06	3.51E-06	4.28E-01	1.27E-02	2.05E+01	7.18E+01	4.85E+04	5.05E-02	4.85E+04	4.86E+04	9.23E+01	0.00E+00	0.00E+00	1.41E-01	6.90E+01
	FWB81D1	1.10E-01	3.49E+01	-1.65E+00	3.66E+01	1.14E-04	0.00E+00	1.29E+02	7.46E-05	2.11E-02	2.24E-01	7.81E-02	5.18E-01	2.33E-07	2.69E-07	2.41E+01	1.35E+00	1.06E-01	6.39E-01	2.99E-01	5.48E+00	1.11E+04	6.77E+01	1.44E-06	5.94E-07	8.06E-02	2.58E-03	1.40E+00	2.63E+01	1.11E+04	2.09E-02	1.11E+04	1.12E+04	2.77E+01	0.00E+00	0.00E+00	0.00E+00	1.28E+01
	FWB81S	2.12E-01	6.39E+01	-1.83E+00	6.58E+01	1.64E-04	0.00E+00	2.51E+03	1.98E-04	3.73E-02	3.99E-01	1.34E-01	7.26E+00	2.90E-07	7.29E-07	4.15E+01	1.72E+00	1.82E-01	1.03E+00	5.36E-01	7.11E+00	1.23E+04	1.22E+02	1.65E-06	1.12E-06	1.43E-01	3.17E-03	5.33E+00	3.19E+01	1.24E+04	2.10E-02	1.24E+04	1.25E+04	3.73E+01	0.00E+00	0.00E+00	3.52E-02	2.30E+01
	FWQ32P1	1.24E-01	3.58E+01	-1.30E+00	3.71E+01	1.55E-04	0.00E+00	3.13E+03	1.00E-04	2.15E-02	2.31E-01	7.29E-02	1.05E+01	2.06E-07	6.27E-07	4.50E+01	1.70E+00	9.86E-02	1.06E+00	2.75E-01	3.08E+00	2.08E+04	7.45E+01	2.54E-06	6.59E-07	8.26E-02	1.45E-03	4.82E+00	2.13E+01	2.08E+04	9.29E-03	2.08E+04	2.09E+04	2.61E+01	0.00E+00	0.00E+00	7.03E-02	1.18E+01
	FWQ41P	1.36E-01	3.97E+01	-1.13E+00	4.08E+01	1.64E-04	0.00E+00	2.36E+03	1.14E-04	2.33E-02	2.51E-01	7.84E-02	8.30E+00	1.81E-07	5.24E-07	4.03E+01	1.34E+00	1.06E-01	1.04E+00	3.21E-01	3.25E+00	1.13E+04	8.03E+01	1.44E-06	7.18E-07	8.93E-02	1.43E-03	5.85E+00	1.94E+01	1.14E+04	1.08E-02	1.14E+04	1.14E+04	2.52E+01	0.00E+00	0.00E+00	3.52E-02	1.38E+01
	FWQ42P1	1.74E-01	4.88E+01	-1.56E+00	5.04E+01	1.55E-04	0.00E+00	4.15E+03	1.87E-04	2.93E-02	3.14E-01	9.50E-02	1.64E+01	2.55E-07	8.20E-07	5.96E+01	2.00E+00	1.29E-01	1.48E+00	3.68E-01	4.43E+00	2.12E+04	1.37E+02	2.72E-06	9.25E-07	1.12E-01	1.96E-03	5.80E+00	2.61E+01	2.14E+04	1.84E-02	2.14E+04	2.14E+04	3.19E+01	0.00E+00	0.00E+00	7.03E-02	1.58E+01
	FWQ43P	2.99E-01	8.44E+01	-2.16E+00	8.65E+01	2.05E-04	0.00E+00	6.41E+03	2.68E-04	4.99E-02	5.36E-01	1.65E-01	2.45E+01	3.70E-07	1.32E-06	8.39E+01	2.72E+00	2.23E-01	2.18E+00	6.78E-01	6.86E+00	3.23E+04	1.86E+02	4.06E-06	1.57E-06	1.91E-01	2.99E-03	9.74E+00	3.81E+01	3.25E+04	1.68E-02	3.25E+04	3.25E+04	4.79E+01	0.00E+00	0.00E+00	1.06E-01	2.91E+01
	FWQ44P	3.93E-01	1.12E+02	-2.74E+00	1.15E+02	2.25E-04	0.00E+00	8.43E+03	3.55E-04	6.59E-02	7.07E-01	2.22E-01	3.24E+01	4.75E-07	1.75E-06	1.06E+02	3.49E+00	3.00E-01	2.77E+00	8.90E-01	8.80E+00	4.31E+04	2.49E+02	5.40E-06	2.07E-06	2.53E-01	3.84E-03	1.14E+01	4.90E+01	4.34E+04	2.48E-02	4.34E+04	4.34E+04	6.04E+01	0.00E+00	0.00E+00	1.41E-01	3.82E+01
	FWQ51P	1.85E-01	5.10E+01	-1.31E+00	5.23E+01	1.64E-04	0.00E+00	2.64E+03	1.81E-04	2.95E-02	3.18E-01	1.01E-01	7.59E+01	2.18E-07	8.07E-07	5.00E+01	1.65E+00	1.37E-01	1.07E+00	3.89E-01	6.68E+00	1.17E+04	1.03E+02	3.46E-06	2.36E-06	1.15E-01	3.19E-03	7.14E+00	2.34E+01	1.18E+04	2.05E-02	1.18E+04	1.18E+04	3.05E+01	0.00E+00	0.00E+00	3.52E-02	1.67E+01
	FWQ52P	2.58E-01	7.63E+01	-1.93E+00	7.82E+01	1.85E-04	0.00E+00	4.89E+03	2.73E-04	4.34E-02	4.67E-01	1.48E-01	2.35E+01	3.25E-07	1.18E-06	7.93E+01	2.36E+00	2.01E-01	2.23E+00	5.56E-01	5.66E+00	2.26E+04	1.60E+02	2.88E-06	1.36E-06	1.69E-01	2.50E-03	7.64E+00	3.40E+01	2.28E+04	2.43E-02	2.28E+04	2.28E+04	4.17E+01	0.00E+00	0.00E+00	7.03E-02	2.39E+01
	FWQ52P1	2.02E-01	5.54E+01	-1.83E+00	5.72E+01	1.55E-04	0.00E+00	4.68E+03	2.60E-04	3.31E-02	3.54E-01	1.16E-01	2.34E+01	2.99E-07	1.02E-06	7.68E+01	2.25E+00	1.57E-01	1.16E+00	4.29E-01	4.89E+00	2.15E+04	1.55E+02	2.83E-06	1.08E-06	1.26E-01	2.16E-03	5.98E+00	3.09E+01	2.17E+04	2.43E-02	2.17E+04	2.17E+04	3.68E+01	0.00E+00	0.00E+00	7.03E-02	1.84E+01
	FWQ53P	3.59E-01	1.05E+02	-2.53E+00	1.07E+02	2.05E-04	0.00E+00	7.19E+03	3.78E-04	5.95E-02	6.39E-01	1.97E-01	3.52E+01	4.33E-07	1.70E-06	1.10E+02	3.05E+00	2.66E-01	3.38E+00	7.74E-01	7.54E+00	3.36E+04	2.08E+02	4.22E-06	1.88E-06	2.32E-01	3.29E-03	1.01E+01	4.48E+01	3.38E+04	2.35E-02	3.38E+04	3.38E+04	5.49E+01	0.00E+00	0.00E+00	1.06E-01	3.33E+01
	FWQ54P	6.22E-01	1.39E+02	-3.13E+00	1.42E+02	2.26E-04	0.00E+00	9.52E+03	6.71E-04	7.99E-02	8.59E-01	2.53E-01	5.00E+01	5.49E-07	2.32E-06	1.49E+02	4.47E+00	3.43E-01	5.00E+00	1.12E+00	9.56E+00	4.46E+04	2.82E+02	5.63E-06	2.58E-06	3.11E-01	4.12E-03	1.23E+01	5.64E+01	4.49E+04	3.36E-02	4.49E+04	4.49E+04	6.86E+01	0.00E+00	0.00E+00	1.41E-01	4.83E+01
	FWQ62P	2.87E-01	8.65E+01	-2.21E+00	8.87E+01	1.85E-04	0.00E+00	5.20E+03	2.72E-04	4.89E-02	5.25E-01	1.69E-01	2.31E+01	3.66E-07	1.27E-06	7.99E+01	2.30E+00	2.29E-01	2.39E+00	6.32E-01	6.08E+00	2.32E+04	1.69E+02	2.95E-06	1.50E-06	1.91E-01	2.66E-03	7.49E+00	3.87E+01	2.33E+04	2.36E-02	2.33E+04	2.34E+04	4.62E+01	0.00E+00	0.00E+00	7.03E-02	2.71E+01
	FWQ63P	4.10E-01	1.20E+02	-2.99E+00	1.23E+02	2.05E-04	0.00E+00	7.61E+03	3.88E-04	6.87E-02	7.37E-01	2.31E-01	3.48E+01	5.01E-07	1.83E-06	1.11E+02	3.09E+00	3.12E-01	3.51E+00	9.28E-01	8.37E+00	3.42E+04	2.38E+02	4.35E-06	2.14E-06	2.67E-01	3.64E-03	9.89E+00	5.25E+01	3.44E+04	2.95E-02	3.44E+04	3.45E+04	6.24E+01	0.00E+00	0.00E+00	1.06E-01	3.99E+01
	FWQ64P	7.11E-01	1.60E+02	-3.70E+00	1.64E+02	2.26E-04	0.00E+00	1.00E+04	6.83E-04	9.18E-02	9.86E-01	2.97E-01	5.45E+01	6.36E-07	2.59E-06	1.62E+02	4.54E+00	4.02E-01	5.30E+00	1.30E+00	1.09E+01	4.55E+04	3.24E+02	5.83E-06	2.94E-06	3.57E-01	4.66E-03	1.23E+01	6.61E+01	4.59E+04	4.21E-02	4.59E+04	4.59E+04	7.84E+01	0.00E+00	0.00E+00	1.41E-01	5.59E+01
	FWQ74P	6.71E-01	1.84E+02	-3.68E+00	1.88E+02	2.25E-04	0.00E+00	1.23E+04	5.74E-04	1.11E-01	1.19E+00	3.23E-01	5.29E+01	6.99E-07	2.88E-06	1.60E+02	5.44E+00	4.38E-01	5.76E+00	1.59E+00	2.65E+01	4.82E+04	2.85E+02	6.01E-06	3.59E-06	4.30E-01	1.51E-02	2.27E+01	7.18E+01	4.85E+04	5.05E-02	4.85E+04	4.86E+04	9.45E+01	0.00E+00	0.00E+00	1.41E-01	6.82E+01
	FWU31L	7.70E-02	2.17E+01	-1.95E+00	2.37E+01	2.66E-04	0.00E+00	7.79E+01	5.86E-05	1.50E-02	1.57E-01	4.17E-02	1.54E-01	2.55E-07	1.25E-07	3.10E+01	1.03E+00	5.64E-02	1.06E+00	1.85E-01	3.80E+00	6.98E+02	3.86E+01	1.98E-07	4.12E-07	5.33E-02	2.02E-03	1.03E+00	2.78E+01	7.37E+02	1.04E-02	7.37E+02	7.66E+02	2.88E+01	0.00E+00	0.00E+00	0.00E+00	7.93E+00
	FWU31S	2.04E-01	4.49E+01	-1.84E+00	4.67E+01	3.16E-04	0.00E+00	2.67E+03	1.33E-04	3.10E-02	3.31E-01	6.66E-02	7.45E+01	2.95E-07	5.32E-07	5.28E+01	1.31E+00	9.01E-02	1.55E+00	3.87E-01	1.10E+01	1.26E+03	4.57E+01	2.24E-06	2.48E-06	1.10E-01	3.83E-03	5.50E+00	2.85E+01	1.31E+03	1.14E-02	1.31E+03	1.34E+03	3.40E+01	0.00E+00	0.00E+00	3.52E-02	1.66E+01
	FWU31S1	1.93E-01	4.40E+01	-1.84E+00	4.59E+01	2.86E-04	0.00E+00	1.69E+03	1.06E-04	3.03E-02	3.24E-01	6.55E-02	6.87E+01	2.87E-07	4.19E-07	3.99E+01	1.17E+00	8.86E-02	1.54E+00	3.74E-01	1.08E+01	1.24E+03	4.43E+01	2.19E-06	2.42E-06	1.08E-01	3.76E-03	5.11E+00	2.84E+01	1.29E+03	1.13E-02	1.29E+03	1.32E+03	3.35E+01	0.00E+00	0.00E+00	3.52E-02	1.61E+01
	FWU32L	1.15E-01	3.33E+01	-2.41E+00	3.57E+01	2.66E-04	0.00E+00	9.78E+01	8.39E-05	2.19E-02	2.31E-01	5.60E-02	2.14E-01	3.16E-07	1.91E-07	3.28E+01	1.14E+00	7.57E-02	1.99E+00	2.72E-01	4.38E+00	1.12E+03	5.67E+01	2.70E-07	6.02E-07	7.95E-02	2.28E-03	1.08E+00	3.45E+01	1.18E+03	1.38E-02	1.18E+03	1.21E+03	3.56E+01	0.00E+00	0.00E+00	0.00E+00	1.17E+01
	FWU32M2	3.23E-01	7.45E+01	-2.45E+00	7.69E+01	3.36E-04	0.00E+00	3.19E+03	2.34E-04	4.99E-02	5.34E-01	1.05E-01	9.66E+01	4.08E-07	7.37E-07	5.78E+01	1.67E+00	1.42E-01	2.71E+00	5.57E-01	1.68E+01	2.15E+03	1.02E+02	3.02E-06	3.54E-06	1.77E-01	5.12E-03	8.39E+00	3.88E+01	2.25E+03	1.51E-02	2.25E+03	2.30E+03	4.71E+01	0.00E+00	0.00E+00	7.03E-02	2.39E+01
	FWU32S	3.31E-01	7.27E+01	-2.43E+00	7.52E+01	3.36E-04	0.00E+00	4.81E+03	2.15E-04	4.96E-02	5.30E-01	9.95E-02	1.04E+02	4.17E-07	8.93E-07	7.53E+01	1.56E+00	1.35E-01	2.74E+00	5.76E-01	1.66E+01	2.19E+03	6.79E+01	3.02E-06	3.58E-06	1.77E-01	4.80E-03	6.92E+00	3.82E+01	2.26E+03	1.52E-02	2.26E+03	2.31E+03	4.51E+01	0.00E+00	0.00E+00	7.03E-02	2.47E+01
	FWU33S	5.05E-01	1.14E+02	-2.87E+00	1.17E+02	3.57E-04	0.00E+00	7.02E+03	3.00E-04	7.57E-02	8.11E-01	1.42E-01	1.35E+02	5.26E-07	1.34E-06	1.01E+02	1.89E+00	1.92E-01	5.18E+00	9.24E-01	2.25E+01	3.57E+03	9.67E+01	3.85E-06	4.92E-06	2.73E-01	5.90E-03	1.01E+01	4.68E+01	3.67E+03	2.58E-02	3.67E+03	3.72E+03	5.69E+01	0.00E+00	0.00E+00	1.06E-01	3.97E+01
	FWU41L	7.30E-02	2.01E+01	-2.29E+00	2.24E+01	2.66E-04	0.00E+00	8.63E+01	6.46E-05	1.47E-02	1.51E-01	5.02E-02	1.80E-01	3.00E-07	1.11E-07	3.41E+01	1.09E+00	6.79E-02	3.42E-01	2.02E-01	4.15E+00	5.48E+02	4.38E+01	2.51E-07	3.95E-07	5.09E-02	2.20E-03	-3.80E-01	3.27E+01	5.92E+02	1.71E-02	5.92E+02	6.24E+02	3.24E+01	0.00E+00	0.00E+00	0.00E+00	8.66E+00
	FWU41S	2.34E-01	5.05E+01	-2.08E+00	5.26E+01	3.16E-04	0.00E+00	2.82E+03	1.85E-04	3.52E-02	3.75E-01	8.54E-02	8.87E+01	3.38E-07	5.92E-07	5.98E+01	1.49E+00	1.16E-01	8.66E-01	4.54E-01	1.30E+01	1.26E+03	7.45E+01	2.71E-06	2.91E-06	1.24E-01	4.37E-03	5.27E+00	3.28E+01	1.34E+03	1.83E-02	1.34E+03	1.37E+03	3.81E+01	0.00E+00	0.00E+00	3.52E-02	1.95E+01
	FWU41S1	2.24E-01	4.96E+01	-2.08E+00	5.17E+01	2.86E-04	0.00E+00	1.84E+03	1.58E-04	3.45E-02	3.68E-01	8.43E-02	8.29E+01	3.30E-07	4.79E-07	4.69E+01	1.35E+00	1.14E-01	8.57E-01	4.42E-01	1.28E+01	1.24E+03	7.32E+01	2.67E-06	2.84E-06	1.22E-01	4.30E-03	4.87E+00	3.27E+01	1.31E+03	1.83E-02	1.31E+03	1.35E+03	3.75E+01	0.00E+00	0.00E+00	3.52E-02	1.90E+01
	FWU42K	4.02E-01	9.72E+01	-2.72E+00	9.99E+01	8.21E-04	0.00E+00	2.44E+03	2.21E-04	6.39E-02	6.84E-01	1.24E-01	1.04E+02	4.92E-07	7.90E-07	5.32E+01	3.05E+00	1.68E-01	4.44E+00	7.67E-01	2.03E+01	2.97E+03	1.11E+02	3.45E-06	4.20E-06	2.30E-01	5.87E-03	9.23E+00	4.38E+01	3.08E+03	2.80E-02	3.08E+03	3.13E+03	5.30E+01	0.00E+00	0.00E+00	3.52E-02	3.30E+01

FWU42K1	4.38E-01	1.03E+02	-2.71E+00	1.06E+02	8.51E-04	0.00E+00	3.47E+03	2.49E-04	6.82E-02	7.31E-01	1.27E-01	1.10E+02	5.02E-07	9.37E-07	6.62E+01	3.18E+00	1.71E-01	4.99E+00	8.79E-01	2.05E+01	3.11E+03	1.13E+02	3.54E-06	4.39E-06	2.46E-01	5.90E-03	1.02E+01	4.40E+01	3.22E+03	2.81E-02	3.22E+03	3.27E+03	5.42E+01	0.00E+00	0.00E+00	3.52E-02	3.78E+01
FWU42K2	4.13E-01	9.80E+01	-2.71E+00	1.01E+02	8.51E-04	0.00E+00	3.42E+03	2.48E-04	6.46E-02	6.91E-01	1.25E-01	1.10E+02	5.00E-07	9.03E-07	6.61E+01	3.18E+00	1.70E-01	4.45E+00	7.80E-01	2.05E+01	2.99E+03	1.12E+02	3.50E-06	4.26E-06	2.32E-01	5.93E-03	9.63E+00	4.39E+01	3.10E+03	2.81E-02	3.10E+03	3.16E+03	5.35E+01	0.00E+00	0.00E+00	3.52E-02	3.35E+01
FWU42K3	4.51E-01	1.07E+02	-2.58E+00	1.10E+02	1.86E-03	0.00E+00	3.48E+03	2.70E-04	7.03E-02	7.54E-01	1.32E-01	1.10E+02	5.09E-07	9.56E-07	8.39E+01	6.01E+00	1.79E-01	4.90E+00	1.06E+00	2.33E+01	3.15E+03	1.36E+02	3.67E-06	4.47E-06	2.53E-01	7.08E-03	1.66E+01	4.46E+01	3.29E+03	2.81E-02	3.29E+03	3.35E+03	6.11E+01	0.00E+00	0.00E+00	3.52E-02	4.56E+01
FWU42L	1.66E-01	4.92E+01	-2.82E+00	5.20E+01	2.66E-04	0.00E+00	1.19E+02	9.42E-05	3.10E-02	3.29E-01	6.76E-02	2.60E-01	3.71E-07	2.90E-07	3.70E+01	1.23E+00	9.14E-02	3.76E+00	4.21E-01	4.86E+00	1.79E+03	6.35E+01	3.40E-07	8.53E-07	1.15E-01	2.50E-03	7.71E-01	4.05E+01	1.86E+03	2.27E-02	1.86E+03	1.90E+03	4.13E+01	0.00E+00	0.00E+00	0.00E+00	1.81E+01
FWU42M2	4.20E-01	1.00E+02	-2.76E+00	1.03E+02	3.36E-04	0.00E+00	4.00E+03	2.88E-04	6.53E-02	7.01E-01	1.30E-01	1.11E+02	4.72E-07	9.22E-07	6.57E+01	1.86E+00	1.76E-01	4.47E+00	7.64E-01	2.00E+01	3.06E+03	1.26E+02	3.50E-06	4.29E-06	2.35E-01	5.83E-03	1.00E+01	4.44E+01	3.18E+03	2.42E-02	3.18E+03	3.24E+03	5.44E+01	0.00E+00	0.00E+00	7.03E-02	3.28E+01
FWU42S1	4.20E-01	9.98E+01	-2.77E+00	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	4.67E-07	8.92E-07	6.20E+01	1.68E+00	1.74E-01	4.49E+00	7.71E-01	1.95E+01	3.11E+03	1.19E+02	3.47E-06	4.28E-06	2.36E-01	5.37E-03	7.67E+00	4.42E+01	3.23E+03	2.42E-02	3.23E+03	3.28E+03	5.19E+01	0.00E+00	0.00E+00	7.03E-02	3.31E+01
FWU43K	5.30E-01	1.23E+02	-3.23E+00	1.26E+02	8.42E-04	0.00E+00	3.86E+03	3.20E-04	8.25E-02	8.82E-01	1.77E-01	1.30E+02	6.10E-07	1.04E-06	6.83E+01	3.38E+00	2.40E-01	3.52E+00	9.71E-01	2.71E+01	3.42E+03	1.59E+02	4.27E-06	5.31E-06	2.92E-01	6.96E-03	1.21E+01	5.37E+01	3.58E+03	3.40E-02	3.58E+03	3.65E+03	6.58E+01	0.00E+00	0.00E+00	7.03E-02	4.17E+01
FWU43S	5.79E-01	1.28E+02	-3.27E+00	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	6.08E-07	1.47E-06	1.21E+02	2.25E+00	2.50E-01	3.59E+00	1.01E+00	2.69E+01	3.63E+03	1.71E+02	4.42E-06	5.58E-06	3.06E-01	6.63E-03	1.16E+01	5.44E+01	3.80E+03	3.03E-02	3.80E+03	3.86E+03	6.60E+01	0.00E+00	0.00E+00	1.06E-01	4.35E+01
FWU51L	8.40E-02	2.30E+01	-2.61E+00	2.56E+01	2.66E-04	0.00E+00	9.73E+01	7.11E-05	1.67E-02	1.73E-01	5.85E-02	2.21E-01	3.41E-07	1.27E-07	3.74E+01	1.17E+00	7.92E-02	2.98E-01	2.50E-01	4.53E+00	6.15E+02	4.90E+01	3.05E-07	4.54E-07	5.83E-02	2.37E-03	7.51E-02	3.73E+01	6.64E+02	2.40E-02	6.64E+02	7.01E+02	3.74E+01	0.00E+00	0.00E+00	0.00E+00	1.08E+01
FWU51S	2.71E-01	5.92E+01	-2.64E+00	6.18E+01	3.16E-04	0.00E+00	2.83E+03	2.06E-04	4.12E-02	4.38E-01	1.02E-01	1.01E+02	4.20E-07	6.51E-07	6.33E+01	1.59E+00	1.38E-01	9.39E-01	5.16E-01	1.53E+01	1.56E+03	8.48E+01	3.16E-06	3.36E-06	1.45E-01	4.96E-03	5.46E+00	4.10E+01	1.64E+03	2.54E-02	1.64E+03	1.69E+03	4.65E+01	0.00E+00	0.00E+00	3.52E-02	2.22E+01
FWU51S1	2.60E-01	5.84E+01	-2.65E+00	6.10E+01	2.86E-04	0.00E+00	1.86E+03	1.79E-04	4.06E-02	4.32E-01	1.01E-01	9.54E+01	4.12E-07	5.38E-07	5.03E+01	1.46E+00	1.37E-01	9.29E-01	5.04E-01	1.51E+01	1.54E+03	8.35E+01	3.11E-06	3.30E-06	1.43E-01	4.90E-03	5.07E+00	4.09E+01	1.62E+03	2.53E-02	1.62E+03	1.67E+03	4.60E+01	0.00E+00	0.00E+00	3.52E-02	2.16E+01
FWU52K	4.31E-01	1.00E+02	-3.47E+00	1.04E+02	1.13E-03	0.00E+00	2.48E+03	2.51E-04	6.83E-02	7.26E-01	1.53E-01	1.16E+02	5.93E-07	8.04E-07	5.83E+01	4.04E+00	2.07E-01	2.72E+00	8.25E-01	2.45E+01	2.87E+03	1.32E+02	3.95E-06	4.63E-06	2.41E-01	6.90E-03	9.21E+00	5.58E+01	3.00E+03	3.81E-02	3.00E+03	3.06E+03	6.50E+01	0.00E+00	0.00E+00	3.52E-02	3.54E+01
FWU52K1	4.73E-01	1.07E+02	-3.48E+00	1.10E+02	1.16E-03	0.00E+00	3.51E+03	2.80E-04	7.31E-02	7.80E-01	1.55E-01	1.22E+02	6.02E-07	9.51E-07	7.14E+01	4.17E+00	2.09E-01	3.31E+00	9.68E-01	2.47E+01	2.95E+03	1.34E+02	4.03E-06	4.85E-06	2.58E-01	6.93E-03	1.11E+01	5.61E+01	3.08E+03	3.82E-02	3.08E+03	3.15E+03	6.72E+01	0.00E+00	0.00E+00	3.52E-02	4.16E+01
FWU52K2	4.41E-01	1.01E+02	-3.47E+00	1.05E+02	1.16E-03	0.00E+00	3.45E+03	2.78E-04	6.89E-02	7.34E-01	1.54E-01	1.22E+02	6.01E-07	9.17E-07	7.13E+01	4.17E+00	2.08E-01	2.73E+00	8.37E-01	2.47E+01	2.89E+03	1.33E+02	4.00E-06	4.69E-06	2.43E-01	6.97E-03	9.58E+00	5.60E+01	3.02E+03	3.82E-02	3.02E+03	3.09E+03	6.55E+01	0.00E+00	0.00E+00	3.52E-02	3.60E+01
FWU52K3	4.41E-01	9.72E+01	-3.35E+00	1.01E+02	1.78E-03	0.00E+00	3.50E+03	2.86E-04	6.79E-02	7.24E-01	1.47E-01	1.22E+02	5.96E-07	8.83E-07	8.25E+01	5.90E+00	1.99E-01	2.33E+00	9.68E-01	2.59E+01	2.42E+03	1.48E+02	4.10E-06	4.70E-06	2.37E-01	7.63E-03	1.48E+01	5.52E+01	2.57E+03	3.82E-02	2.57E+03	2.64E+03	7.00E+01	0.00E+00	0.00E+00	3.52E-02	4.16E+01
FWU52L	1.24E-01	3.50E+01	-3.24E+00	3.82E+01	2.66E-04	0.00E+00	1.23E+02	1.00E-04	2.42E-02	2.52E-01	7.90E-02	3.02E-01	4.24E-07	1.92E-07	4.12E+01	1.32E+00	1.07E-01	9.08E-01	3.57E-01	5.32E+00	9.99E+02	7.03E+01	4.10E-07	6.57E-07	8.60E-02	2.73E-03	3.28E-02	4.66E+01	1.07E+03	3.16E-02	1.07E+03	1.12E+03	4.66E+01	0.00E+00	0.00E+00	0.00E+00	1.54E+01
FWU52M2	4.48E-01	1.03E+02	-3.57E+00	1.07E+02	3.36E-04	0.00E+00	4.03E+03	3.19E-04	6.95E-02	7.42E-01	1.58E-01	1.23E+02	5.91E-07	9.32E-07	7.01E+01	2.01E+00	2.14E-01	2.75E+00	8.13E-01	2.36E+01	2.96E+03	1.43E+02	3.98E-06	4.72E-06	2.46E-01	6.61E-03	9.25E+00	5.64E+01	3.10E+03	3.33E-02	3.10E+03	3.17E+03	6.56E+01	0.00E+00	0.00E+00	7.03E-02	3.49E+01
FWU52S	4.69E-01	1.04E+02	-3.57E+00	1.08E+02	3.37E-04	0.00E+00	5.13E+03	3.47E-04	7.11E-02	7.58E-01	1.58E-01	1.33E+02	6.02E-07	1.13E-06	9.20E+01	2.00E+00	2.14E-01	2.79E+00	8.49E-01	2.34E+01	3.07E+03	1.39E+02	4.03E-06	4.83E-06	2.52E-01	6.16E-03	7.17E+00	5.64E+01	3.21E+03	3.35E-02	3.21E+03	3.27E+03	6.35E+01	0.00E+00	0.00E+00	7.03E-02	3.64E+01
FWU52S1	4.49E-01	1.03E+02	-3.58E+00	1.06E+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	9.03E-07	6.63E+01	1.81E+00	2.11E-01	2.77E+00	8.24E-01	2.31E+01	3.03E+03	1.36E+02	3.95E-06	4.71E-06	2.47E-01	6.05E-03	6.44E+00	5.62E+01	3.16E+03	3.33E-02	3.16E+03	3.23E+03	6.26E+01	0.00E+00	0.00E+00	7.03E-02	3.54E+01
FWU53D	3.51E-01	1.01E+02	-4.12E+00	1.05E+02	2.96E-04	0.00E+00	4.30E+02	1.90E-04	6.02E-02	6.43E-01	1.72E-01	1.32E+02	5.73E-07	8.17E-07	5.18E+01	1.73E+00	2.33E-01	4.38E+00	8.54E-01	1.34E+01	3.66E+03	9.90E+01	4.52E-06	4.63E-06	2.30E-01	6.72E-03	5.34E+00	6.38E+01	3.76E+03	4.11E-02	3.76E+03	3.83E+03	6.91E+01	0.00E+00	0.00E+00	0.00E+00	3.67E+01
FWU53K	6.38E-01	1.51E+02	-4.14E+00	1.55E+02	1.15E-03	0.00E+00	3.91E+03	3.64E-04	1.01E-01	1.07E+00	2.15E-01	1.43E+02	7.40E-07	1.20E-06	7.45E+01	4.41E+00	2.91E-01	4.80E+00	1.18E+00	3.26E+01	4.49E+03	1.86E+02	4.79E-06	6.13E-06	3.57E-01	8.13E-03	1.24E+01	6.81E+01	4.67E+03	4.62E-02	4.67E+03	4.75E+03	8.05E+01	0.00E+00	0.00E+00	7.03E-02	5.06E+01
FWU53L	1.96E-01	5.77E+01	-3.74E+00	6.15E+01	2.66E-04	0.00E+00	1.52E+02	1.29E-04	3.70E-02	3.91E-01	1.06E-01	3.79E-01	4.94E-07	3.21E-07	5.05E+01	1.47E+00	1.44E-01	2.62E+00	5.33E-01	6.07E+00	1.83E+03	9.18E+01	5.13E-07	1.01E-06	1.36E-01	3.05E-03	5.10E-01	5.45E+01	1.92E+03	3.93E-02	1.92E+03	1.97E+03	5.50E+01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
FWU61L	9.61E-02	2.65E+01	-2.92E+00	2.94E+01	2.66E-04	0.00E+00	1.08E+02	7.77E-05	1.91E-02	1.98E-01	6.69E-02	2.55E-01	3.82E-07	1.46E-07	4.05E+01	1.23E+00	9.06E-02	3.42E-01	3.03E-01	4.89E+00	7.09E+02	5.41E+01	3.58E-07	5.16E-07	6.68E-02	2.55E-03	-2.88E-01	4.19E+01	7.63E+02	3.07E-02	7.63E+02	8.04E+02	4.16E+01	0.00E+00	0.00E+00	0.00E+00	1.30E+01
FWU61S	3.17E-01	6.98E+01	-2.86E+00	7.27E+01	3.16E-04	0.00E+00	2.85E+03	2.26E-04	4.84E-02	5.15E-01	1.17E-01	1.14E+02	4.61E-07	7.14E-07	6.65E+01	1.69E+00	1.58E-01	1.16E+00	6.16E-01	1.77E+01	1.83E+03	9.76E+01	3.60E-06	3.87E-06	1.71E-01	5.45E-03	5.81E+00	4.48E+01	1.93E+03	3.23E-02	1.93E+03	1.98E+03	5.06E+01	0.00E+00	0.00E+00	3.52E-02	2.64E+01
FWU62K	5.08E-01	1.19E+02	-3.37E+00	1.22E+02	1.41E-03	0.00E+00	2.51E+03	2.75E-04	8.02E-02	8.55E-01	1.77E-01	1.29E+02	6.11E-07	8.99E-07	6.33E+01	4.97E+00	2.39E-01	2.99E+00	9.80E-01	2.90E+01	3.33E+03	1.54E+02	4.43E-06	5.30E-06	2.83E-01	7.72E-03	1.24E+01	5.64E+01	3.49E+03	4.81E-02	3.49E+03	3.55E+03	6.88E+01	0.00E+00	0.00E+00	3.52E-02	4.21E+01
FWU62K1	5.35E-01	1.20E+02	-3.36E+00	1.23E+02	1.44E-03	0.00E+00	3.54E+03	3.02E-04	8.23E-02	8.80E-01	1.79E-01	1.35E+02	6.20E-07	1.00E-06	7.64E+01	5.10E+00	2.42E-01	2.72E+00	1.08E+00	2.92E+01	3.07E+03	1.56E+02	4.50E-06	5.45E-06	2.89E-01	7.73E-03	1.43E+01	5.66E+01	3.22E+03	4.82E-02	3.22E+03	3.29E+03	7.09E+01	0.00E+00	0.00E+00	3.52E-02	4.66E+01
FWU62K2	5.19E-01	1.20E+02	-3.36E+00	1.23E+02	1.44E-03	0.00E+00	3.48E+03	3.02E-04	8.08E-02	8.61E-01	1.78E-01	1.35E+02	6.19E-07	1.01E-06	7.62E+01	5.11E+00	2.41E-01	3.00E+00	9.93E-01	2.92E+01	3.35E+03	1.56E+02	4.48E-06	5.36E-06	2.85E-01	7.78E-03	1.28E+01	5.65E+01	3.51E+03	4.82E-02	3.51E+03	3.58E+03	6.93E+01	0.00E+00	0.00E+00	3.52E-02	4.26E+01
FWU62L	1.39E-01	3.98E+01	-3.20E+00	4.30E+01	2.66E-04	0.00E+00	1.29E+02	1.02E-04	2.67E-02	2.80E-01	8.85E-02	3.38E-01	4.23E-07	2.16E-07	5.08E+01	1.41E+00	1.20E-01	9.11E-01	4.24E-01	5.56E+00	1.12E+03	7.70E+01	4.68E-07	7.30E-07	9.62E-02	2.84E-03	1.30E+00	4.66E+01	1.19E+03	4.05E-02	1.19E+03	1.24E+03	4.79E+01	0.00E+00	0.00E+00	0.00E+00	1.82E+01
FWU62M2	5.32E-01	1.22E+02	-3.47E+00	1.25E+02	3.36E-04	0.00E+00	4.81E+03	3.54E-04	8.15E-02	8.71E-01	1.82E-01	1.40E+02	6.13E-07	1.11E-06	8.47E+01	2.17E+00	2.46E-01	3.02E+00	9.70E-01	2.77E+01	3.44E+03	1.62E+02	4.47E-06	5.42E-06	2.88E-01	7.20E-03	1.19E+01	5.68E+01	3.60E+03	4.24E-02	3.60E+03	3.67E+03	6.87E+01	0.00E+00	0.00E+00	7.03E-02	4.16E+01
FWU62M3	3.85E-01	1.01E+02	-4.05E+00	1.05E+02	1.22E-03	0.00E+00	6.14E+03	3.34E-04	6.46E-02	6.92E-01	1.82E-01	1.35E+02	6.34E-07	1.33E-06	7.26E+01	4.51E+00	2.46E-01	3.44E+00	9.11E-01	1.61E+01	3.53E+03	1.56E+02	4.58E-06	4.69E-06	2.41E-01	8.03E-03	1.28E+01	6.52E+01	3.69E+03	4.23E-02	3.69E+03	3.77E+03	7.80E+01	0.00E+00	0.00E+00	6.20E-02	3.91E+01
FWU62N	5.23E-01	1.22E+02	-3.52E+00	1.25E+02	3.05E-04	0.00E+00	4.13E+03	3.20E-04	8.38E-02	8.96E-01	1.81E-01	1.24E+02	6.07E-07	8.04E-07	5.28E+01	1.94E+00	2.45E-01	3.04E+00	9.49E-01	2.70E+01	3.47E+03	1.70E+02	4.37E-06	5.35E-06	2.93E-01	6.68E-03	1.04E+01	5.67E+01	3.64E+03	4.22E-02	3.64E+03	3.71E+03	6.71E+01	0.00E+00	0.00E+00	1.68E-02	4.08E+01
FWU62S	5.48E-01	1.23E+02	-3.49E+00	1.26E+02	3.37E-04	0.00E+00	5.15E+03	3.74E-04	8.30E-02	8.86E-01	1.82E-01	1.46E+02	6.19E-07	1.22E-06	1.02E+02	2.14E+00	2.46E-01	3.07E+00	9.98E-01	2.73E+01	3.55E+03	1.61E+02	4.49E-06	5.50E-06	2.94E-01	6.65E-03	9.22E+00	5.68E+01	3.71E+03	4.25E-02	3.71E+03	3.78E+03	6.60E+01	0.00E+00	0.00E+00	7.03E-02	4.29E+01
FWU62S1	5.27E-01	1.21E+02	-3.50E+00	1.25E+02	3.07E-04	0.00E+00	3.30E+03	3.21E-04	8.17E-02	8.72E-01	1.80E-01	1.34E+02	6.04E-07	9.92E-07	7.60E+01	1.96E+00	2.44E-01	3.05E+00	9.74E-01	2.69E+01	3.51E+03	1.58E+02	4.41E-06	5.37E-06	2.89E-01	6.54E-03	8.51E+00	5.66E+01	3.67E+03	4.24E-02	3.67E+03	3.73E+03	6.51E+01	0.00E+00	0.00E+00	7.03E-02	4.18E+01
FWU63N	7.61E-01	1.79E+02	-4.63E+00	1.84E+02	3.10E-04	0.00E+00	6.06E+03	4.52E-04	1.22E-01	1.31E+00	2.56E-01	1.45E+02	8.20E-07	1.13E-06	5.84E+01	2.31E+00	3.46E-01	5.10E+00	1.34E+00	3.71E+01	5.23E+03	2.41E+02	5.23E-06	7.01E-06	4.29E-01	8.16E-03	1.33E+01	7.53E+01	5.47E+03	5.23E-02	5.47E+03	5.56E+03	8.85E+01	0.00E+00	0.00E+00	2.52E-02	5.75E+01
FWU63S	7.96E-01	1.80E+02	-4.59E+00	1.85E+02	3.57E-04	0.00E+00	7.52E+03	5.31E-04	1.21E-01	1.29E+00	2.57E-01	1.78E+02	8.38E-07	1.75E-06	1.32E+02	2.61E+00	3.48E-01	5.14E+00	1.41E+00	3.75E+01	5.35E+03	2.25E+02	5.42E-06	7.22E-06	4.29E-01	8.11E-03	1.14E+01	7.55E+01	5.57E+03	5.27E-02	5.57E+03	5.66E+03	8.68E+01	0.00E+00	0.00E+00	1.06E-01	6.07E+01
FWU63S1	7.65E-01	1.78E+02	-4.61E+00	1.83E+02	3.27E-04	0.00E+00	4.77E+03	4.52E-04	1.19E-01	1.27E+00	2.54E-01	1.60E+02	8.16E-07	1.41E-06	9.34E+01	2.38E+00	3.44E-01	5.11E+00	1.38E+00	3.69E+01	5.29E+03	2.22E+02	5.29E-06	7.04E-06	4.22E-01	7.95E-03	1.03E+01	7.52E+01	5.51E+03	5.25E-02	5.51E+03	5.59E+03	8.55E+01	0.00E+00	0.00E+00	1.06E-01	5.91E+01
FWU71L	2.47E-01	7.17E+01	-5.33E+00	7.70E+01	2.66E-04	0.00E+00	1.87E+02	1.18E-04	4.68E-02	4.91E-01	8.76E-02	3.62E-01	6.82E-07	4.49E-07	4.35E+01	1.26E+00	1.19E-01	6.89E+00	6.56E-01	6.36E+00	2.88E+03	5.71E+01	5.03E-07	1.26E-06	1.73E-01	3.20E-03	-6.57E+00	7.37E+01	2.94E+03	1.62E-02	2.94E+03	3.00E+03	6.71E+01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
FWU71S	4.79E-01	1.19E+02	-3.08E+00	1.22E+02	3.16E-04	0.00E+00	3.47E+03	2.32E-04	7.59E-02	8.13E-01	1.28E-01	1.26E+02	5.04E-07	1.05E-06	6.44E+01	1.61E+00	1.73E-01	7.65E+00	9.42E-01	1.95E+01	4.09E+03	8.28E+01	3.98E-06	4.92E-06	2.80E-01	5.73E-03	5.81E+00	4.81E+01	4.17E+03	1.59E-02	4.17E+03	4.22E+03	5.39E+01	0.00E+00	0.00E+00	3.52E-02	4.04E+01
FWU71S1	4.72E-01	1.19E+02	-3.08E+00	1.22E+02	2.86E-04	0.00E+00	2.50E+03	2.06E-04	7.57E-02	8.12E-01	1.29E-01	1.20E+02	4.97E-07	9.39E-07	5.52E+01	1.55E+00	1.74E-01	7.64E+00	9.71E-01	1.95E+01	4.08E+03	8.68E+01	4.00E-06	4.88E-06	2.79E-01	5.76E-03	5.70E+00	4.81E+01	4.16E+03	1.58E-02	4.16E+03	4.22E+03	5.38E+01	0.00E+00	0.00E+00	3.52E-02	4.17E+01
FWU72K1	6.50E-01	1.51E+02	-3.57E+00	1.55E+02	1.45E-03	0.00E+00	4.13E+03	3.05E-04	1.01E-01	1.08E+00	1.88E-01	1.47E+02	6.68E-07	1.20E-06	8.11E+01	5.19E+00	2.54E-01	6.50E+00	1.33E+00	3.21E+01	4.30E+03	1.52E+02	4.87E-06	6.28E-06	3.61E-01	8.16E-03	1.41E+01	5.99E+01	4.45E+03	8.90E-03	4.45E+03	4.53E+03	7.40E+01	0.00E+00	0.00E+00	3.52E-02	5.73E+01
FWU72L	2.42E-01	7.30E+01	-3.63E+00	7.66E+01	2.66E-04	0.00E+00	1.58E+02	1.13E-04	4.49E-02	4.77E-01	1.00E-01	3.45E-01	4.82E-07	4.30E-07	5.30E+01	1.49E+00	1.35E-01	5.49E+00	6.81E-01	5.78E+00	2.66E+03	8.31E+01	4.76E-07	1.23E-06	1.69E-01	3.03E-03	2.11E-01	5.28E+01	2.75E+03	4.71E-06	2.75E+03	2.80E+03	5.30E+01	0.00E+00	0.00E+00	0.00E+00	2.93E+01
FWU72M2	7.35E-01	1.73E+02	-3.56E+00	1.76E+02	3.36E-04	0.00E+00	5.44E+03	3.92E-04	1.14E-01	1.23E+00	2.07E-01	1.53E+02	6.75E-07	1.46E-06	8.75E+01	2.92E+00	2.80E-01	7.89E+00	1.43E+00	3.85E+01	6.10E+03	1.84E+02	4.95E-06	6.75E-06	4.12E-01	1.29E-02	1.80E+01	6.18E+01	6.29E+03	2.13E-03	6.29E+03	6.37E+03	7.98E+01	0.00E+00	0.00E+00	7.03E-02	6.15E+01
FWU72N	7.18E-01	1.72E+02	-2.78E+00	1.75E+02	3.05E-04	0.00E+00	5.30E+03	3.42E-04	1.15E-01	1.24E+00	1.98E-01	1.36E+02	5.69E-07	1.15E-06	5.16E+01	2.59E+00	2.68E-01	7.90E+00	1.37E+00	3.72E+01	6.12E+03	1.78E+02	4.75E-06	6.64E-06	4.12E-01	1.20E-02	1.82E+01	5.05E+01	6.30E+03	1.95E-03	6.30E+03	6.37E+03	6.87E+01	0.00E+00	0.00E+00	1.68E-02	5.87E+01
FWU72S	7.40E-01	1.70E+02	-3.56E+00	1.74E+02	3.46E-04	0.00E+00	6.34E+03	3.71E-04	1.14E-01	1.22E+00	1.99E-01	1.58E+02	6.80E-07	1.56E-06	1.04E+02	2.80E+00	2.70E-01	7.93E+00	1.45E+00	3.79E+01	6.19E+03	1.44E+02	4.92E-06	6.77E-06	4.12E-01	1.21E-02	1.45E+01	6.11E+01	6.33E+03	2.19E-03	6.33E+03	6.41E+03	7.56E+01	0.00E+00	0.00E+00	8.72E-02	6.25E+01
FWU73D	5.28E-01	1.48E+02	-4.58E+00	1.53E+02	2.96E-04	0.00E+00	5.02E+02	2.16E-04	8.96E-02	9.62E-01	2.20E-01	1.57E+02	6.71E-07	1.19E-06	6.38E+01	2.53E+00	2.98E-01	7.58E+00	1.35E+00	2.32E+01	6.20E+03	1.13E+02	5.54E-06	6.10E-06	3.46E-01	1.29E-02	1.17E+01	7.48E+01	6.31E+03	4.01E-02	6.31E+03	6.40E+03	8.65E+01	0.00E+00	0.00E+00	0.00E+00	5.79E+01
FWU73L	2.84E-01	8.55E+01	-4.67E+00	9.02E+01	2.66E-04	0.00E+00	1.94E+02	1.49E-04	5.32E-02	5.64E-01	1.34E-01	4.68E-01	6.17E-07	4.92E-07	5.83E+01	1.56E+00	1.81E-01	5.25E+00	7.63E-01	6.98E+00	2.95E+03	9.93E+01	6.45E-07	1.45E-06	1.99E-01	3.43E-03	-3.02E-01	6.79E+01	3.04E+03	3.79E-02	3.04E+03	3.11E+03	6.76E+01	0.00E+00	0.00E+00	0.00E+00	3.28E+01
FWU73N	9.55E-01	2.24E+02	-4.80E+00	2.29E+02	3.10E-04	0.00E+00	7.83E+03	4.99E-04	1.53E-01	1.65E+00	2.88E-01	1.57E+02	9.07E-07	1.43E-06	6.54E+01	3.02E+00	3.90E-01	8.08E+00	1.76E+00	4.94E+01	7.48E+03	2.57E+02	5.80E-06	8.30E-06	5.43E-01	1.38E-02	2.06E+01	8.16E+01	7.73E+03	4.02E-02	7.73E+03	7.84E+03	1.02E+02	0.00E+00	0.00E+00	2.52E-02	7.57E+01
FWU73S	9.73E-01	2.20E+02	-4.74E+00	2.25E+02	3.71E-04	0.00E+00	9.29E+03	5.21E-04	1.49E-01	1.60E+00	2.79E-01	1.90E+02	9.18E-07	2.04E-06	1.35E+02	3.15E+00	3.77E-01	8.10E+00	1.78E+00	4.93E+01	7.53E+03	1.91E+02	5.87E-06	8.42E-06	5.32E-01	1.35E-02	1.77E+01	8.08E+01	7.73E+03	4.05E-02	7.73E+03	7.82E+03	9.85E+01	0.00E+00	0.00E+00	1.31E-01	7.65E+01
FWU73S1	9.42E-01	2.18E+02	-4.76E+00	2.23E+02	3.42E-04	0.00E+00	6.54E+03	4.42E-04	1.47E-01	1.58E+00	2.76E-01	1.73E+02	8.96E-07	1.70E-06	9.64E+01	2.92E+00	3.73E-01	8.08E+00	1.74E+00	4.88E+01	7.47E+03	1.88E+02	5.74E-06	8.24E-06	5.25E-01	1.34E-02	1.67E+01	8.05E+01	7.66E+03	4.03E-02	7.66E+03	7.76E+03	9.72E+01	0.00E+00	0.00E+00	1.31E-01	7.49E+01
FZ005N	2.94E-02	6.88E+00	-1.28E+00	8.16E+00	2.97E-05	0.00E+00	2.31E+02	2.42E-05	5.78E-03	5.84E-02	2.10E-02	5.61E-02	1.60E-07	5.63E-08	1.18E+01	1.06E-01	2.84E-02	9.99E-02	7.42E-02	1.17E+00	2.91E+02	4.62E+00	6.39E-08	1.57E-07	1.92E-02	5.25E-04	-1.90E+00	1.74E+01	2.95E+02	9.76E-07	2.95E+02	3.11E+02	1.55E+01	0.00E+00	0.00E+00	0.00E+00	3.19E+00
FZ006N	3.55E-02	1.12E+01	-1.22E+00	1.24E+01	2.97E-05	0.00E+00	2.25E+02	2.55E-05	7.33E-03	7.53E-02	3.06E-02	5.98E-02	1.56E-07	8.92E-08	1.18E+01	1.12E-01	4.14E-02	1.07E-01	7.02E-02	1.27E+00	5.94E+02	5.16E+00	7.45E-08	1.84E-07	2.64E-02	5.64E-04	-1.49E+00	1.71E+01	5.99E+02	1.15E-06	5.99E+02	6.14E+02	1.56E+01	0.00E+00	0.00E+00	0.00E+00	3.02E+00
FZ010N	6.44E-02	2.06E+01	-1.86E+00	2.25E+01	2.97E-05	0.00E+00	2.45E+02	3.72E-05	1.29E-02	1.33E-01	4.23E-02	8.06E-02	2.37E-07	1.63E-07	1.19E+01	1.15E-01	5.72E-02	1.08E+00	1.36E-01	1.70E+00	1.16E+03	5.63E+00	1.00E-07	3.27E-07	4.78E-02	7.48E-04	-3.11E+00	2.59E+01	1.16E+03	1.64E-06	1.16E+03	1.19E+03	2.28E+01	0.00E+00	0.00E+00	0.00E+00	5.84E+00
FZ011N	2.62E-02	7.43E+00	-1.29E+00	8.72E+00	0.00E+00	0.00E+00	3.87E+01	2.20E-05	5.59E-03	5.62E-02	2.28E-02	5.65E-02	1.61E-07	5.95E-08	1.17E+01	2.00E-02	3.08E-02	1.02E-01	5.06E-02	1.06E+00	4.12E+02	2.71E+00	6.53E-08	1.38E-07	1.93E-02	4.72E-04	-2.22E+00	1.75E+01	4.14E+02	6.86E-07	4.14E+02	4.30E+02	1.53E+01	0.00E+00	0.00E+00	0.00E+00	2.17E+00
FZ014N	7.48E-02	2.46E+01	-1.88E+00	2.65E+01	2.97E-05	0.00E+00	2.50E+02	3.89E-05	1.48E-02	1.54E-01	4.82E-02	8.41E-02	2.41E-07	1.93E-07	1.19E+01	1.18E-01	6.53E-02	1.30E+00	1.60E-01	1.78E+00	1.38E+03	5.94E+00	1.08E-07	3.78E-07	5.57E-02	7.81E-04	-3.05E+00	2.65E+01	1.38E+03	1.88E-06	1.38E+03	1.41E+03	2.34E+01	0.00E+00	0.00E+00	0.00E+00	6.88E+00
FZ021N	3.77E-02	1.12E+01	-1.31E+00	1.25E+01	2.97E-05	0.00E+00	2.35E+02	2.69E-05	7.74E-03	7.94E-02	3.04E-02	7.00E-02	1.67E-07	9.31E-08	1.18E+01	1.16E-01	4.12E-02	1.28E-01	7.35E-02	1.41E+00	5.83E+02	5.59E+00	9.39E-08	1.96E-07	2.75E-02	6.30E-04	-1.69E+00	1.83E+01	5.88E+02	1.48E-06	5.88E+02	6.05E+02	1.66E+01	0.00E+00	0.00E+00	0.00E+00	3.16E+00
FZ026N	5.03E-02	1.33E+01	-1.33E+00	1.46E+01	2.97E-05	0.00E+00	2.54E+02	2.73E-05	9.29E-03	9.62E-02	3.44E-02	6.44E-02	1.70E-07	1.04E-07	1.18E+01	1.13E-01	4.65E-02	1.68E-01	1.39E-01	1.35E+00	5.57E+02	5.32E+00	8.13E-08	2.61E-07	3.30E-02	5.98E-04	-1.69E+00	1.87E+01	5.62E+02	1.56E-06	5.62E+02	5.79E+02	1.70E+01	0.00E+00	0.00E+00	0.00E+00	5.97E+00
FZ402	2.38E-03	4.63E-01	-5.07E-02	5.14E-01	0.00E+00	0.00E+00	1.09E+02	5.05E-06	5.18E-04	5.72E-03	1.41E-03	1.90E-02	7.39E-09	1.65E-08	3.04E+00	2.35E-02	1.91E-03	1.64E-03	2.76E-03	6.04E-02	7.51E+00	3.57E+00	4.61E-07	1.44E-08	1.61E-03	2.33E-05	5.24E-01	7.40E-01	1.11E+01	1.15E-07	1.11E+01	1.23E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-01
FZ403	1.05E-03	2.16E-01	-4.35E-02	2.60E-01	0.00E+00	0.00E+00	2.22E+00	4.88E-06	2.18E-04	2.41E-03	7.90E-04	4.82E-02	7.00E-09	1.18E-09	2.61E+00	5.26E-02	1.07E-03	9.19E-04	4.20E-03	6.18E-02	3.91E+00	3.19E+00	1.60E-08	9.00E-09	8.77E-04	2.10E-05	2.76E-01	6.93E-01	7.10E+00	5.33E-07	7.10E+00	8.07E+00	9.69E-01	0.00E+00	0.00E+00	0.00E+00	1.80E-01
FZ708D	2.74E-01	5.81E+01	-2.74E+00	6.08E+01	0.00E+00	0.00E+00	4.12E+02	1.22E-04	3.57E-02	3.76E-01	1.40E-01	2.99E+00	3.69E-07	4.02E-07	1.03E+01	3.30E-02	1.90E-01	3.28E-01	6.31E-01	2.48E+00	1.01E+05	1.54E+01	6.42E-07	1.09E-06	1.33E-01	9.16E-04	-1.38E+00	4.21E+01	1.01E+05	3.97E-05	1.01E+05	1.01E+05	4.07E+01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
HK1000AB	7.69E-02	1.63E+00	8.74E-02	1.55E+00	3.42E-07	0.00E+00	3.96E+01	6.46E-04	1.59E-03	1.89E-02	2.91E-03	5.37E+01	1.38E-08	1.01E-06	1.20E+02	1.97E+00	3.93E-03	1.04E-01	9.80E-02	3.48E-01	2.88E+01	8.23E-02	3.42E-07	4.53E-07	1.01E-02	2.68E-04	2.53E+00	4.50E-01	2.89E+01	6.05E-04	2.89E+01	3.19E+01	2.98E+00	0.00E+00	0.00E+00	0.00E+00	4.21E+00
JP002	7.51E-04	1.99E-01	-2.29E-03	2.02E-01	0.00E+00	0.00E+00	3.19E-01	2.34E-06	1.26E-04	1.37E-03	4.57E-04	3.26E-03	6.55E-10	3.34E-10	1.49E-01	5.55E-03	6.19E-04	5.32E-04	5.48E-04	2.01E-02	2.65E+00	2.23E+00	2.83E-09	3.92E-09	4.22E-04	7.73E-06	3.38E-02	7.95E-02	4.88E+00	3.04E-08	4.88E+00	5.00E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.35E-02
JP011	2.88E-04	7.15E-02	-5.61E-03	7.71E-02	0.00E+00	0.00E+00	3.39E-01	2.49E-07	5.84E-05	6.06E-04	2.10E-04	3.44E-04	8.59E-10	2.97E-10	1.46E+00	1.53E-02	2.84E-04	2.44E-04	6.71E-04	7.92E-02	7.39E-01	8.64E-01	1.23E-09	2.22E-09	1.99E-04	5.28E-05	4.80E-02	9.53E-02	1.60E+00	1.29E-08	1.60E+00	1.75E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.88E-02
JP015	5.49E-04	1.48E-01	-3.34E-03	1.51E-01	0.00E+00	0.00E+00	2.73E-01	1.80E-06	9.33E-05	1.02E-03	3.21E-04	2.66E-03	5.57E-10	2.85E-10	1.70E-01	4.69E-03	4.34E-04	3.73E-04	4.26E-04	1.69E-02	1.89E+00	1.53E+00	2.38E-09	2.90E-09	3.14E-04	6.55E-06	4.41E-02	6.59E-02	3.43E+00	2.42E-08	3.43E+00	3.54E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	1.83E-02
KU33AHE	3.41E-02	4.83E+00	-2.24E-01	5.06E+00	3.28E-05	0.00E+00	8.10E+03	1.70E-04	3.79E-03	4.09E-02	8.15E-03	1.29E+01	5.21E-07	3.04E-07	3.51E+01	2.53E-01	1.10E-02	1.88E-02	3.56E-02	7.88E-01	7.24E+01	2.10E+01	1.98E-07	2.07E-07	1.25E-02	2.65E-04	2.20E+00	3.60E+00	9.34E+01	1.55E-04	9.34E+01	9.92E+01	5.80E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
KU33AHZ	3.28E-01	4.81E+01	-6.75E-01	4.88E+01	3.28E-04	0.00E+00	8.10E+04	1.68E-03	3.53E-02	3.87E-01	7.20E-02	1.25E+02	5.04E-06	2.98E-06	2.96E+02	2.51E+00	9.75E-02	1.77E-01	3.36E-01	7.00E+00	7.00E+02	2.08E+02	1.87E-06	2.00E-06	1.18E-01	2.27E-03	2.53E+01	1.62E+01	9.07E+02	1.51E-03	9.07E+02	9.49E+02	4.16E+01	0.00E+00	0.00E+00	0.00E+00	1.44E+01
KU33LHE	2.99E-02	3.76E+00	-1.51E-01	3.91E+00	5.03E-08	0.00E+00	8.09E+03	1.57E-04	3.01E-03	3.27E-02	5.43E-03	1.29E+01	5.11E-07	3.01E-07	3.35E+01	1.32E-01	7.34E-03	1.56E-02	3.13E-02	5.68E-01	5.77E+01	1.01E+01	1.75E-07	1.84E-07	1.00E-02	1.56E-04	1.91E+00	2.44E+00	6.78E+01	1.55E-04	6.78E+01	7.22E+01	4.36E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
KU33OHZGB	2.81E-01	3.15E+01	-3.03E+00	3.45E+01	5.03E-07	0.00E+00	6.55E+04	1.41E-03	2.82E-02	2.96E-01	5.67E-02	1.25E+02	5.22E-06	2.83E-06	2.91E+02	1.29E+00	7.67E-02	1.59E-01	3.02E-01	6.22E+00	5.04E+02	8.27E+01	1.62E-06	1.72E-06	9.22E-02	1.90E-03	5.02E+00	4.46E+01	5.87E+02	1.51E-03	5.87E+02	6.36E+02	4.96E+01	0.00E+00	0.00E+00	0.00E+00	1.30E+01
KU33VGAZ	3.25E-01	4.92E+01	-5.57E-01	4.97E+01	3.28E-04	0.00E+00	8.79E+04	1.76E-03	3.58E-02	3.87E-01	7.41E-02	1.25E+02	5.06E-06	3.03E-06	2.97E+02	2.48E+00	1.00E-01	1.79E-01	3.36E-01	6.82E+00	7.06E+02	2.16E+02	1.91E-06	1.98E-06	1.20E-01	2.23E-03	1.89E+01	1.48E+01	9.21E+02	1.51E-03	9.21E+02	9.55E+02	3.37E+01	0.00E+00	0.00E+00	0.00E+00	1.44E+01
KU33VGLZ	2.88E-01	3.94E+01	-4.91E-01	3.99E+01	5.03E-07	0.00E+00	9.07E+04	1.67E-03	2.95E-02	3.19E-01	5.14E-02	1.25E+02	5.06E-06	3.01E-06	2.96E+02	1.30E+00	6.95E-02	1.53E-01	2.99E-01	5.12E+00	5.78E+02	1.12E+02	1.74E-06	1.78E-06	9.84E-02	1.32E-03	1.38E+01	1.19E+01	6.90E+02	1.51E-03	6.90E+02	7.16E+02	2.57E+01	0.00E+00	0.00E+00	0.00E+00	1.29E+01
KU40XXE	2.12E-03	4.82E-01	-1.77E-01	6.59E-01	0.00E+00	0.00E+00	1.62E+03	2.16E-05	5.89E-04	5.78E-03	1.68E-03	1.63E-02	2.95E-08	1.33E-08	4.54E+00	5.14E-04	2.27E-03	1.95E-03	1.79E-03	1.08E-01	8.74E+00	1.99E+00	1.86E-08	1.37E-08	1.51E-03	4.36E-05	-2.77E-01	2.26E+00	1.07E+01	1.48E-07	1.07E+01	1.27E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-02
KU73S20	7.73E-02	5.03E+00	-3.07E-01	5.34E+00	1.24E-05	0.00E+00	4.82E+03	4.35E-04	5.32E-03	5.76E-02	8.97E-03	1.91E+01	4.18E-07	4.17E-07	4.70E+01	1.11E+00	1.21E-02	6.87E-02	8.02E-02	5.44E-01	1.02E+02	1.59E+01	9.04E-07	4.52E-07	2.18E-02	2.52E-04	1.30E+00	4.83E+00	1.18E+02	5.80E-04	1.18E+02	1.25E+02	6.13E+00	0.00E+00	0.00E+00	0.00E+00	3.44E+00
KU73S50	9.79E-02	6.16E+00	-3.14E-01	6.47E+00	1.24E-05	0.00E+00	4.87E+03	4.38E-04	6.71E-03	7.27E-02	1.10E-02	1.91E+01	4.20E-07	4.22E-07	4.71E+01	1.11E+00	1.48E-02	7.10E-02	9.25E-02	5.88E-01	1.28E+02	2.08E+01	1.25E-06	5.68E-07	2.81E-02	2.88E-04	1.35E+00	5.03E+00	1.49E+02	6.91E-04	1.49E+02	1.55E+02	6.38E+00	0.00E+00	0.00E+00	0.00E+00	3.97E+00
KU73S60	1.36E-01	8.25E+00	-3.29E-01	8.58E+00	1.24E-05	0.00E+00	4.84E+03	4.41E-04	9.34E-03	1.01E-01	1.47E-02	1.92E+01	4.23E-07	4.30E-07	4.71E+01	1.11E+00	1.99E-02	7.53E-02	1.15E-01	6.65E-01	1.76E+02	2.97E+01	1.91E-06	7.86E-07	3.99E-02	3.55E-04	1.29E+00	5.40E+00	2.06E+02	9.01E-04	2.06E+02	2.12E+02	6.68E+00	0.00E+00	0.00E+00	0.00E+00	4.96E+00
KU76S20	8.70E-02	5.59E+00	-3.20E-01	5.91E+00	1.24E-05	0.00E+00	4.76E+03	3.92E-04	6.05E-03	6.54E-02	1.01E-02	1.68E+01	7.31E-08	3.74E-07	4.18E+01	1.02E+00	1.37E-02	6.39E-02	8.34E-02	4.81E-01	1.17E+02	1.90E+01	1.11E-06	5.03E-07	2.52E-02	2.57E-04	9.25E-01	4.98E+00	1.36E+02	6.20E-04	1.36E+02	1.41E+02	5.90E+00	0.00E+00	0.00E+00	0.00E+00	3.58E+00
KU83CHZGB	2.53E-01	5.91E+01	-7.46E-01	5.98E+01	1.27E-03	0.00E+00	7.46E+04	1.69E-03	4.23E-02	4.60E-01	9.21E-02	3.05E+01	5.02E-06	1.36E-06	7.94E+01	5.61E+00	1.25E-01	4.13E-01	2.70E-01	1.44E+01	9.77E+02	3.05E+02	4.44E-06	1.56E-06	1.32E-01	6.55E-03	3.53E+01	1.96E+01	1.28E+03	5.03E-03	1.28E+03	1.34E+03	5.49E+01	0.00E+00	0.00E+00	0.00E+00	1.16E+01
U961N	1.50E-02	2.77E+00	-3.62E-01	3.14E+00	3.90E-08	0.00E+00	1.71E+01	5.56E-05	2.33E-03	2.47E-02	8.44E-03	2.34E+00	3.87E-07	6.46E-08	1.47E+01	4.57E-01	1.14E-02	1.88E-02	6.41E-02	9.32E-01	4.94E+01	2.58E+01	1.10E-07	9.17E-08	8.14E-03	5.15E-04	1.42E+00	5.36E+00	7.52E+01	3.97E-03	7.52E+01	8.20E+01	6.78E+00	0.00E+00	0.00E+00	0.00E+00	2.75E+00
U96N	1.95E-02	4.00E+00	-3.78E-01	4.38E+00	5.41E-05	0.00E+00	2.23E+01	5.91E-05	3.10E-03	3.34E-02	1.10E-02	2.36E+00	3.93E-07	7.35E-08	1.65E+01	7.28E-01	1.48E-02	3.97E-02	8.90E-02	1.27E+00	7.49E+01	3.56E+01	1.41E-07	1.19E-07	1.09E-02	7.13E-04	2.59E+00	5.89E+00	1.11E+02	3.97E-03	1.11E+02	1.19E+02	8.48E+00	0.00E+00	0.00E+00	0.00E+00	3.82E+00
U97N	3.13E-02	6.41E+00	-4.48E-01	6.86E+00	1.08E-04	0.00E+00	3.30E+01	1.10E-04	4.69E-03	5.04E-02	1.68E-02	4.67E+00	7.47E-07	1.38E-07	2.51E+01	1.23E+00	2.28E-02	7.35E-02	1.45E-01	1.95E+00	1.27E+02	5.55E+01	2.24E-07	1.91E-07	1.69E-02	1.11E-03	3.75E+00	7.51E+00	1.82E+02	4.01E-03	1.82E+02	1.93E+02	1.13E+01	0.00E+00	0.00E+00	0.00E+00	6.22E+00
UC11BA	5.83E-03	1.46E+00	-1.52E-01	1.61E+00	0.00E+00	0.00E+00	1.84E+03	3.40E-05	1.15E-03	1.27E-02	3.17E-03	3.79E-02	2.82E-08	1.69E-08	5.78E+00	3.02E-02	4.29E-03	3.69E-03	4.31E-03	1.95E-01	2.15E+01	1.03E+01	3.17E-08	3.46E-08	3.44E-03	6.99E-05	9.80E-01	2.03E+00	3.18E+01	3.25E-07	3.18E+01	3.48E+01	3.01E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-01
UC12BA	8.91E-03	2.24E+00	-2.56E-01	2.49E+00	0.00E+00	0.00E+00	1.85E+03	4.57E-05	1.74E-03	1.87E-02	5.15E-03	5.23E-02	4.14E-08	1.85E-08	5.84E+00	5.33E-02	6.97E-03	5.99E-03	6.95E-03	3.46E-01	3.17E+01	1.83E+01	4.58E-08	5.09E-08	5.28E-03	1.24E-04	7.75E-01	3.47E+00	5.00E+01	4.30E-07	5.00E+01	5.42E+01	4.24E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-01
UC21LH0	2.50E-02	6.40E+00	-3.39E-01	6.74E+00	0.00E+00	0.00E+00	1.86E+03	4.68E-05	4.28E-03	4.81E-02	1.05E-02	2.72E-01	5.39E-08	4.97E-08	7.67E+00	6.15E-02	1.42E-02	4.52E-01	6.71E-02	6.12E+00	1.61E+02	1.69E+01	7.32E-08	1.97E-07	1.49E-02	5.49E-04	4.78E+00	4.81E+00	1.78E+02	5.99E-05	1.78E+02	1.88E+02	9.59E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+00
UC21LH1	1.99E-02	4.98E+00	-3.93E-01	5.37E+00	0.00E+00	0.00E+00	1.86E+03	4.65E-05	3.52E-03	3.90E-02	1.01E-02	2.39E-01	5.35E-08	3.95E-08	6.10E+00	5.65E-02	1.37E-02	2.52E-01	5.02E-02	4.57E+00	1.09E+02	1.68E+01	7.59E-08	1.53E-07	1.19E-02	4.43E-04	3.28E+00	5.34E+00	1.26E+02	4.39E-05	1.26E+02	1.35E+02	8.62E+00	0.00E+00	0.00E+00	0.00E+00	2.16E+00

UC21ST0	1.87E-02	4.91E+00	-3.80E-01	5.29E+00	0.00E+00	0.00E+00	1.85E+03	4.98E-05	3.35E-03	3.63E-02	9.63E-03	8.62E-02	5.37E-08	3.62E-08	5.96E+00	8.37E-02	1.30E-02	1.26E-01	2.64E-02	7.09E-01	2.15E+02	2.00E+01	6.24E-08	1.03E-07	1.14E-02	3.50E-04	1.61E+00	5.27E+00	2.35E+02	2.91E-05	2.35E+02	2.42E+02	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	5.83E+00	0.00E+00	0.00E+00	1.86E+03	4.61E-05	3.68E-03	3.99E-02	8.80E-03	2.10E-01	5.33E-08	4.43E-08	5.96E+00	5.15E-02	1.19E-02	4.50E-01	5.70E-02	4.97E+00	1.48E+02	1.68E+01	6.55E-08	1.58E-07	1.28E-02	4.63E-04	1.89E+00	4.71E+00	1.65E+02	4.83E-05	1.65E+02	1.71E+02	6.60E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+00
UC22BA	1.27E-02	3.12E+00	-3.99E-01	3.52E+00	0.00E+00	0.00E+00	1.85E+03	5.94E-05	2.48E-03	2.61E-02	8.08E-03	7.02E-02	5.95E-08	2.04E-08	5.90E+00	8.05E-02	1.09E-02	9.40E-03	1.01E-02	4.82E-01	4.43E+01	2.80E+01	6.31E-08	7.11E-08	7.55E-03	1.90E-04	4.54E-01	5.45E+00	7.23E+01	5.94E-07	7.23E+01	7.82E+01	5.91E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-01
UC22PEN	2.27E-02	6.53E+00	-4.11E-01	6.94E+00	0.00E+00	0.00E+00	1.22E+04	1.83E-04	4.82E-03	5.26E-02	1.18E-02	1.26E-01	1.21E-07	1.05E-07	6.35E+00	9.15E-02	1.60E-02	1.37E-02	1.54E-02	6.81E-01	9.40E+01	4.03E+01	1.29E-07	1.39E-07	1.41E-02	2.25E-04	2.99E+00	5.81E+00	1.34E+02	1.76E-06	1.34E+02	1.43E+02	8.80E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-01
UC22RK	2.34E-02	6.25E+00	-4.64E-01	6.72E+00	0.00E+00	0.00E+00	1.40E+03	5.63E-05	4.19E-03	4.49E-02	1.33E-02	7.78E-02	6.79E-08	3.85E-08	6.10E+00	1.28E-01	1.80E-02	9.98E-02	3.05E-02	1.13E+00	2.81E+02	2.76E+01	6.91E-08	1.30E-07	1.43E-02	5.97E-04	1.46E+00	6.72E+00	3.09E+02	3.90E-05	3.09E+02	3.17E+02	8.19E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
UC31LE3	3.54E-02	9.40E+00	-5.42E-01	9.94E+00	0.00E+00	0.00E+00	1.87E+03	6.67E-05	6.33E-03	6.99E-02	2.08E-02	4.05E-01	8.24E-08	6.31E-08	6.69E+00	2.91E-01	2.81E-02	2.64E-01	9.58E-02	9.28E+00	1.57E+02	4.00E+01	1.59E-07	2.81E-07	2.22E-02	1.03E-03	5.64E+00	8.05E+00	1.97E+02	1.72E-02	1.97E+02	2.11E+02	1.37E+01	0.00E+00	0.00E+00	0.00E+00	4.11E+00
UC32RK	2.84E-02	7.45E+00	-6.97E-01	8.15E+00	0.00E+00	0.00E+00	1.86E+03	7.90E-05	5.23E-03	5.52E-02	1.66E-02	1.02E-01	9.96E-08	4.45E-08	6.20E+00	1.60E-01	2.24E-02	1.04E-01	3.47E-02	1.40E+00	2.98E+02	3.89E+01	9.38E-08	1.57E-07	1.73E-02	6.93E-04	9.79E-01	9.87E+00	3.37E+02	3.92E-05	3.37E+02	3.48E+02	1.08E+01	0.00E+00	0.00E+00	0.00E+00	1.49E+00
UC34BA	3.87E-02	1.03E+01	-9.69E-01	1.13E+01	0.00E+00	0.00E+00	1.89E+03	8.07E-05	8.20E-03	8.75E-02	2.86E-02	2.41E-01	1.41E-07	6.54E-08	7.62E+00	1.28E+00	3.87E-02	3.33E-02	6.85E-02	3.13E+00	1.13E+02	1.08E+02	3.66E-07	2.29E-07	2.89E-02	1.63E-03	2.90E+00	1.44E+01	2.20E+02	8.79E-02	2.20E+02	2.38E+02	1.73E+01	0.00E+00	0.00E+00	0.00E+00	2.94E+00
UC44BA	4.34E-02	1.35E+01	-8.73E-02	1.36E+01	0.00E+00	0.00E+00	1.89E+03	8.12E-05	8.79E-03	9.73E-02	2.88E-02	2.74E-01	3.71E-08	7.86E-08	8.09E+00	1.71E+00	3.89E-02	3.35E-02	8.50E-02	3.72E+00	1.28E+02	1.40E+02	4.57E-07	2.55E-07	3.38E-02	1.89E-03	5.96E+00	3.45E+00	2.68E+02	1.22E-01	2.68E+02	2.77E+02	9.41E+00	0.00E+00	0.00E+00	0.00E+00	3.65E+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-05	2.02E-03	2.16E-02	6.07E-03	3.09E-02	2.41E-08	4.26E-08	5.90E+00	4.14E-02	8.21E-03	8.78E-02	2.21E-02	3.43E-01	1.15E+02	1.04E+01	2.92E-08	6.07E-08	7.13E-03	9.56E-05	5.20E-01	2.54E+00	1.26E+02	2.85E-06	1.26E+02	1.29E+02	3.06E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-01
UD01F2	5.57E-02	5.85E+00	-1.78E-01	6.03E+00	7.89E-08	0.00E+00	9.35E+02	1.80E-04	4.06E-03	4.46E-02	1.07E-02	2.75E+01	4.19E-08	5.88E-07	6.46E+01	5.11E-01	1.44E-02	1.47E-01	8.11E-02	7.45E-01	2.07E+02	1.21E+01	2.48E-07	3.48E-07	1.65E-02	3.16E-04	3.04E+00	3.47E+00	2.20E+02	3.10E-04	2.20E+02	2.26E+02	6.51E+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-05	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	1.49E-04	3.69E-01	4.31E+00	1.41E+02	2.96E-06	1.41E+02	1.45E+02	4.68E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
UD02F2	1.07E-01	7.62E+00	-4.23E-01	8.04E+00	1.65E-07	0.00E+00	9.60E+02	3.54E-04	5.96E-03	6.59E-02	1.57E-02	6.05E+01	8.57E-08	1.19E-06	1.38E+02	1.02E+00	2.12E-02	1.78E-01	1.41E-01	1.07E+00	2.40E+02	1.82E+01	4.80E-07	6.51E-07	2.53E-02	4.95E-04	5.20E+00	7.58E+00	2.59E+02	6.74E-04	2.59E+02	2.71E+02	1.28E+01	0.00E+00	0.00E+00	0.00E+00	6.03E+00
UD11A1	1.65E-02	4.49E+00	-2.67E-01	4.76E+00	0.00E+00	0.00E+00	3.90E+03	6.04E-05	3.08E-03	3.32E-02	7.34E-03	4.91E-02	5.13E-08	5.55E-08	6.01E+01	4.54E-02	9.94E-03	1.36E-01	2.36E-02	6.22E-01	1.71E+02	1.37E+01	6.30E-08	9.25E-08	1.02E-02	2.04E-04	1.63E+00	3.14E+00	1.85E+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	4.61E+00	-2.67E-01	4.88E+00	2.35E-05	0.00E+00	1.63E+03	3.38E-05	3.01E-03	3.24E-02	7.90E-03	3.81E-02	4.81E-08	5.37E-08	6.47E+00	1.07E-01	1.07E-02	1.78E-01	2.64E-02	6.80E-01	2.02E+02	9.86E+00	4.19E-08	9.04E-08	1.04E-02	2.20E-04	1.06E+00	3.83E+00	2.12E+02	1.16E-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	-2.28E-01	6.53E+00	0.00E+00	0.00E+00	3.07E+03	5.14E-05	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	1.28E-07	1.40E-02	1.13E-04	1.20E+00	3.35E+00	2.96E+02	3.77E-05	2.96E+02	3.00E+02	4.55E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
UD11F1	9.02E-03	2.37E+00	-1.71E-01	2.54E+00	0.00E+00	0.00E+00	1.63E+03	3.22E-05	1.68E-03	1.81E-02	4.08E-03	3.19E-02	3.12E-08	2.84E-08	5.97E+00	3.16E-02	5.53E-03	7.47E-02	1.11E-02	3.18E-01	6.95E+01	1.02E+01	3.26E-08	5.01E-08	5.45E-03	8.05E-05	7.26E-01	2.34E+00	7.96E+01	1.55E-06	7.96E+01	8.27E+01	3.07E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-01
UD12A1	2.19E-02	5.58E+00	-5.61E-01	6.14E+00	0.00E+00	0.00E+00	2.47E+03	5.81E-05	4.05E-03	4.28E-02	1.12E-02	6.33E-02	8.02E-08	5.14E-08	6.01E+01	7.96E-02	1.52E-02	1.47E-01	3.13E-02	1.02E+00	2.34E+02	2.00E+01	7.38E-08	1.21E-07	1.34E-02	4.00E-04	1.00E+00	7.14E+00	2.54E+02	2.60E-05	2.54E+02	2.62E+02	8.14E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+00
UD12B1	2.21E-02	6.17E+00	-2.96E-01	6.47E+00	2.35E-05	0.00E+00	1.63E+03	4.25E-05	3.91E-03	4.21E-02	1.08E-02	4.98E-02	5.61E-08	6.09E-08	6.11E+00	1.38E-01	1.47E-02	2.08E-01	3.43E-02	9.35E-01	2.77E+02	1.65E+01	5.38E-08	1.19E-07	1.37E-02	3.58E-04	1.19E+00	4.40E+00	2.93E+02	2.25E-05	2.93E+02	2.99E+02	5.60E+00	0.00E+00	0.00E+00	4.06E-02	1.47E+00
UD12B2	2.27E-02	6.40E+00	-3.09E-01	6.71E+00	2.35E-05	0.00E+00	1.63E+03	4.64E-05	4.04E-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	9.72E-01	2.79E+02	1.90E+01	5.72E-08	1.23E-07	1.41E-02	3.71E-04	1.23E+00	4.60E+00	2.98E+02	2.24E-05	2.98E+02	3.04E+02	5.82E+00	0.00E+00	0.00E+00	4.06E-02	1.49E+00
UD12B4	4.66E-02	8.98E+00	-4.13E-01	9.39E+00	4.10E-05	0.00E+00	2.83E+01	4.18E-05	5.78E-03	6.26E-02	1.61E-02	1.15E+01	6.82E-08	2.91E-07	3.20E+01	3.95E-01	2.18E-02	3.70E-01	9.27E-02	1.43E+00	3.93E+02	2.22E+01	1.85E-07	2.66E-07	2.23E-02	6.21E-04	2.25E+00	6.53E+00	4.15E+02	1.46E-02	4.15E+02	4.24E+02	8.77E+00	0.00E+00	0.00E+00	7.08E-02	3.98E+00
UD12F1	1.32E-02	3.56E+00	-3.04E-01	3.86E+00	0.00E+00	0.00E+00	3.07E+03	6.13E-05	2.59E-03	2.75E-02	6.80E-03	5.30E-02	5.61E-08	4.13E-08	6.10E+00	5.44E-02	9.21E-03	7.78E-02	1.44E-02	4.95E-01	8.56E+01	1.98E+01	5.77E-08	7.40E-08	8.16E-03	1.43E-04	4.55E-01	4.19E+00	1.05E+02	1.77E-06	1.05E+02	1.10E+02	4.64E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-01
UD13A1	2.90E-02	7.96E+00	-4.42E-01	8.41E+00	0.00E+00	0.00E+00	2.47E+03	6.32E-05	5.14E-03	5.51E-02	1.31E-02	6.83E-02	6.74E-08	6.51E-08	6.02E+01	1.17E-01	1.77E-02	3.14E-01	4.51E-02	1.29E+00	3.82E+02	2.50E+01	8.07E-08	1.58E-07	1.79E-02	5.82E-04	1.66E+00	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	9.31E+00	-4.00E-01	9.71E+00	3.63E-05	0.00E+00	3.07E+03	7.18E-05	5.79E-03	6.21E-02	1.50E-02	7.33E-02	8.20E-08	8.80E-08	6.25E+00	2.20E-01	2.03E-02	3.93E-01	5.11E-02	1.39E+00	4.40E+02	2.62E+01	8.23E-08	1.76E-07	2.04E-02	6.20E-04	1.50E+00	6.06E+00	4.66E+02	4.18E-05	4.66E+02	4.74E+02	7.55E+00	0.00E+00	0.00E+00	6.27E-02	2.19E+00
UD13B2	3.04E-02	8.65E+00	-3.98E-01	9.05E+00	2.35E-05	0.00E+00	1.64E+03	5.20E-05	5.35E-03	5.74E-02	1.34E-02	6.44E-02	7.37E-08	7.61E-08	6.22E+00	1.77E-01	1.81E-02	3.91E-01	4.99E-02	1.37E+00	4.31E+02	2.18E+01	6.81E-08	1.64E-07	1.91E-02	5.95E-04	1.35E+00	5.92E+00	4.53E+02	4.16E-05	4.53E+02	4.60E+02	7.28E+00	0.00E+00	0.00E+00	4.06E-02	2.14E+00
UD21A1	2.56E-02	7.07E+00	-3.25E-01	7.39E+00	0.00E+00	0.00E+00	4.68E+03	7.94E-05	4.61E-03	5.05E-02	1.18E-02	7.79E-02	6.48E-08	8.16E-08	6.03E+01	8.15E-02	1.60E-02	1.80E-01	3.67E-02	9.42E-01	2.84E+02	2.12E+01	8.57E-08	1.43E-07	1.56E-02	3.49E-04	3.24E+00	4.18E+00	3.05E+02	2.72E-05	3.05E+02	3.12E+02	7.42E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
UD21A1-LG	3.13E-02	8.65E+00	-3.41E-01	8.99E+00	0.00E+00	0.00E+00	4.69E+03	8.04E-05	5.52E-03	6.09E-02	1.38E-02	4.56E-01	6.75E-08	1.00E-07	6.05E+01	8.56E-02	1.87E-02	3.02E-01	5.53E-02	1.88E+00	3.44E+02	2.12E+01	1.04E-07	1.90E-07	1.92E-02	4.32E-04	4.14E+00	4.49E+00	3.66E+02	4.18E-05	3.66E+02	3.74E+02	8.64E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
UD21B1	2.97E-02	8.79E+00	-3.47E-01	9.13E+00	7.26E-05	0.00E+00	3.07E+03	6.31E-05	5.37E-03	5.78E-02	1.53E-02	6.24E-02	7.29E-08	1.04E-07	6.23E+00	2.76E-01	2.07E-02	3.03E-01	4.89E-02	1.20E+00	3.87E+02	1.97E+01	7.60E-08	1.60E-07	1.90E-02	4.14E-04	1.74E+00	5.35E+00	4.07E+02	2.27E-05	4.07E+02	4.14E+02	7.10E+00	0.00E+00	0.00E+00	1.25E-01	2.10E+00
UD21B5	2.13E-02	6.14E+00	-2.44E-01	6.38E+00	2.35E-05	0.00E+00	1.63E+03	4.30E-05	3.78E-03	4.09E-02	1.09E-02	5.31E-02	4.30E-08	6.70E-08	6.05E+00	1.33E-01	1.47E-02	1.99E-01	3.29E-02	7.46E-01	2.49E+02	1.91E+01	5.71E-08	1.14E-07	1.34E-02	2.47E-04	1.36E+00	3.71E+00	2.68E+02	1.26E-05	2.68E+02	2.73E+02	5.07E+00	0.00E+00	0.00E+00	4.06E-02	1.41E+00
UD21C1	4.27E-02	1.13E+01	-8.08E-01	1.21E+01	0.00E+00	0.00E+00	1.65E+03	5.21E-05	7.52E-03	7.95E-02	2.10E-02	7.48E-01	1.14E-07	1.09E-07	6.15E+00	5.46E-02	2.84E-02	4.61E-01	8.89E-02	1.03E+00	5.88E+02	1.70E+01	9.06E-08	2.37E-07	2.67E-02	2.90E-04	-8.25E-02	1.13E+01	6.05E+02	8.58E-05	6.05E+02	6.16E+02	1.13E+01	0.00E+00	0.00E+00	0.00E+00	3.82E+00
UD21D2B	2.59E-02	7.20E+00	-2.83E-01	7.48E+00	0.00E+00	0.00E+00	3.07E+03	6.40E-05	4.57E-03	4.95E-02	1.18E-02	6.67E-02	5.60E-08	7.05E-08	6.10E+00	8.62E-02	1.60E-02	2.16E-01	3.86E-02	9.61E-01	3.06E+02	2.16E+01	6.81E-08	1.41E-07	1.58E-02	3.48E-04	1.65E+00	4.25E+00	3.27E+02	3.19E-05	3.27E+02	3.33E+02	5.90E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
UD21F1	1.40E-02	4.03E+00	-2.42E-01	4.27E+00	0.00E+00	0.00E+00	3.07E+03	5.83E-05	2.70E-03	2.89E-02	7.59E-03	4.92E-02	4.89E-08	5.28E-08	5.97E+00	4.99E-02	1.03E-02	9.56E-02	1.79E-02	4.22E-01	1.19E+02	1.83E+01	5.66E-08	7.75E-08	8.90E-03	1.22E-04	6.38E-01	3.43E+00	1.38E+02	2.55E-06	1.38E+02	1.42E+02	4.07E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-01
UD22F1	1.73E-02	4.62E+00	-3.99E-01	5.02E+00	0.00E+00	0.00E+00	1.63E+03	5.77E-05	3.25E-03	3.43E-02	1.03E-02	6.39E-02	6.06E-08	4.33E-08	6.03E+00	8.17E-02	1.39E-02	7.63E-02	2.05E-02	6.02E-01	1.24E+02	2.79E+01	6.63E-08	9.32E-08	1.06E-02	1.97E-04	2.82E-01	5.59E+00	1.52E+02	2.62E-06	1.52E+02	1.58E+02	5.87E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-01
UD22G1	4.44E-02	1.27E+01	-5.35E-01	1.33E+01	4.10E-05	0.00E+00	2.46E+01	4.04E-05	7.60E-03	8.14E-02	2.17E-02	4.07E-01	8.09E-08	1.15E-07	6.17E+00	2.56E-01	2.93E-02	5.39E-01	8.48E-02	1.82E+00	6.88E+02	2.38E+01	8.69E-08	2.42E-07	2.81E-02	8.58E-04	1.40E+00	8.21E+00	7.12E+02	7.33E-05	7.12E+02	7.21E+02	9.61E+00	0.00E+00	0.00E+00	7.08E-02	3.64E+00
UD31A1	3.60E-02	1.02E+01	-3.83E-01	1.06E+01	0.00E+00	0.00E+00	5.52E+03	1.03E-04	6.42E-03	7.01E-02	1.69E-02	1.10E-01	8.23E-08	1.10E-07	6.48E+00	1.19E-01	2.29E-02	2.31E-01	5.33E-02	1.37E+00	4.19E+02	3.01E+01	1.06E-07	1.98E-07	2.21E-02	5.07E-04	3.19E+00	5.83E+00	4.49E+02	4.28E-05	4.49E+02	4.58E+02	9.02E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
UD31B1	4.06E-02	1.21E+01	-4.59E-01	1.26E+01	1.09E-04	0.00E+00	3.08E+03	7.14E-05	7.29E-03	7.84E-02	2.22E-02	7.78E-02	9.28E-08	1.42E-07	6.39E+00	4.01E-01	3.00E-02	3.98E-01	6.91E-02	1.62E+00	5.56E+02	2.49E+01	9.62E-08	2.17E-07	2.62E-02	5.89E-04	2.26E+00	7.22E+00	5.81E+02	3.37E-05	5.81E+02	5.90E+02	9.48E+00	0.00E+00	0.00E+00	1.88E-01	2.97E+00
UD31C1	5.69E-02	1.64E+01	-5.73E-01	1.69E+01	0.00E+00	0.00E+00	3.09E+03	7.83E-05	9.84E-03	1.06E-01	2.74E-02	7.62E-01	9.58E-08	1.53E-07	6.18E+00	7.91E-02	3.71E-02	6.07E-01	1.21E-01	1.06E+00	8.47E+02	2.71E+01	1.10E-07	3.09E-07	3.61E-02	2.67E-04	1.03E+00	8.67E+00	8.74E+02	1.26E-04	8.74E+02	8.84E+02	9.70E+00	0.00E+00	0.00E+00	0.00E+00	5.20E+00
UD31M1	5.00E-02	1.12E+01	-3.72E-01	1.16E+01	0.00E+00	0.00E+00	2.39E+03	7.90E-05	7.08E-03	7.72E-02	1.71E-02	4.79E+01	6.60E-08	2.29E-07	7.36E+00	1.25E-01	2.32E-02	3.15E-01	8.69E-02	3.00E+00	2.81E+02	2.60E+01	1.53E-06	1.30E-06	2.62E-02	1.38E-03	2.23E+00	5.87E+00	3.07E+02	6.71E-04	3.07E+02	3.15E+02	8.10E+00	0.00E+00	0.00E+00	0.00E+00	3.73E+00
UD32A1N	5.26E-02	1.47E+01	-6.38E-01	1.53E+01	0.00E+00	0.00E+00	5.07E+03	1.19E-04	9.22E-03	1.00E-01	2.60E-02	4.81E-01	1.17E-07	1.39E-07	6.80E+00	1.98E-01	3.52E-02	3.19E-01	8.16E-02	2.15E+00	6.47E+02	4.35E+01	1.46E-07	2.96E-07	3.21E-02	9.26E-04	4.30E+00	9.75E+00	6.91E+02	7.73E-05	6.91E+02	7.05E+02	1.40E+01	0.00E+00	0.00E+00	0.00E+00	3.50E+00
UD32F1	2.39E-02	6.71E+00	-5.20E-01	7.23E+00	0.00E+00	0.00E+00	3.08E+03	9.07E-05	4.57E-03	4.81E-02	1.45E-02	8.93E-02	8.46E-08	6.81E-08	6.11E+00	1.13E-01	1.97E-02	9.16E-02	2.85E-02	8.27E-01	1.77E+02	4.04E+01	9.79E-08	1.29E-07	1.50E-02	2.67E-04	1.41E-01	7.36E+00	2.17E+02	3.64E-06	2.17E+02	2.25E+02	7.51E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
UD33A1	8.05E-02	2.36E+01	-7.57E-01	2.43E+01	0.00E+00	0.00E+00	6.84E+03	1.33E-04	1.47E-02	1.59E-01	3.82E-02	2.57E-01	1.50E-07	2.07E-07	1.09E+01	9.90E-01	5.18E-02	7.70E-01	1.81E-01	4.65E+00	1.07E+03	8.10E+01	3.76E-07	4.51E-07	5.43E-02	2.35E-03	6.27E+00	1.26E+01	1.15E+03	6.74E-02	1.15E+03	1.17E+03	1.89E+01	0.00E+00	0.00E+00	0.00E+00	7.75E+00
UD33B1	9.23E-02	2.72E+01	-8.09E-01	2.80E+01	7.05E-05	0.00E+00	1.68E+03	7.68E-05	1.64E-02	1.78E-01	4.44E-02	3.05E-01	1.60E-07	2.32E-07	1.08E+01	1.19E+00	6.00E-02	1.16E+00	2.24E-01	7.28E+00	1.28E+03	7.69E+01	3.64E-07	5.26E-07	6.23E-02	2.59E-03	5.91E+00	1.37E+01	1.36E+03	6.74E-02	1.36E+03	1.38E+03	1.96E+01	0.00E+00	0.00E+00	1.22E-01	9.60E+00
UD41B1	5.23E-02	1.57E+01	-4.84E-01	1.62E+01	9.40E-05	0.00E+00	1.65E+03	6.97E-05	9.13E-03	9.87E-02	2.76E-02	9.42E-02	9.33E-08	1.70E-07	6.50E+00	4.03E-01	3.73E-02	5.16E-01	9.07E-02	2.00E+00	7.33E+02	3.36E+01	1.10E-07	2.76E-07	3.35E-02	7.09E-04	2.93E+00	7.85E+00	7.67E+02	4.47E-05	7.67E+02	7.78E+02	1.08E+01	0.00E+00	0.00E+00	1.62E-01	3.90E+00
UD41M1	6.78E-02	1.51E+01	-4.79E-01	1.55E+01	0.00E+00	0.00E+00	2.40E+03	9.48E-05	9.43E-03	1.03E-01	2.32E-02	6.95E+01	8.27E-08	3.22E-07	7.78E+00	1.64E-01	3.14E-02	4.33E-01	1.22E-01	4.15E+00	3.84E+02	3.18E+01	2.19E-06	1.85E-06	3.53E-02	1.96E-03	2.50E+00	7.71E+00	4.16E+02	9.72E-04	4.16E+02	4.26E+02	1.02E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+00
UD42B1	7.79E-02	2.36E+01	-7.41E-01	2.44E+01	9.40E-05	0.00E+00	1.67E+03	7.40E-05	1.42E-02	1.53E-01	4.17E-02	2.18E-01	1.51E-07	2.24E-07	9.18E+00	1.22E+00	5.64E-02	6.35E-01	1.98E-01	4.67E+00	1.04E+03	7.54E+01	3.65E-07	4.24E-07	5.38E-02	2.08E-03	4.43E+00	1.26E+01	1.11E+03	7.00E-02	1.11E+03	1.13E+03	1.70E+01	0.00E+00	0.00E+00	1.62E-01	8.49E+00
UE11E0	1.52E-02	3.85E+00	-1.64E-01	4.02E+00	0.00E+00	0.00E+00	2.59E+03	4.81E-05	2.67E-03	2.99E-02	5.34E-03	1.26E-01	3.54E-08	9.18E-08	6.25E+00	4.22E-02	7.23E-03	1.36E-01	2.30E-02	1.12E+00	1.03E+02	1.19E+01	4.97E-08	9.52E-08	8.76E-03	1.46E-04	3.36E+00	2.32E+00	1.15E+02	9.00E-06	1.15E+02	1.20E+02	5.67E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-01
UE21A0	1.23E-02	3.62E+00	-2.47E-01	3.87E+00	0.00E+00	0.00E+00	6.19E+03	9.80E-05	2.71E-03	2.83E-02	7.24E-03	1.02E-01	6.60E-08	9.91E-08	5.99E+00	4.90E-02	9.81E-03	8.43E-03	1.10E-02	3.84E-01	5.20E+01	2.24E+01	7.70E-08	7.58E-08	8.01E-03	1.31E-04	7.25E-01	3.48E+00	7.44E+01	1.10E-06	7.44E+01	7.86E+01	4.21E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-01
UE21D1	2.59E-01	1.39E+01	-5.30E-03	1.39E+01	2.22E-04	0.00E+00	6.26E+03	2.04E-03	1.07E-02	1.18E-01	2.48E-02	1.79E+02	1.22E-07	3.38E-06	3.67E+02	6.56E+00	3.36E-02	3.78E-01	3.89E-01	3.33E+00	2.66E+02	3.10E+01	1.75E-06	1.96E-06	5.02E-02	1.99E-03	1.09E+01	6.35E+00	2.98E+02	2.06E-03	2.98E+02	3.15E+02	1.73E+01	0.00E+00	0.00E+00	1.02E-02	1.67E+01
UE21D3	3.48E-01	1.69E+01	1.03E-01	1.68E+01	2.22E-04	0.00E+00	6.31E+03	2.78E-03	1.31E-02	1.45E-01	3.06E-02	2.36E+02	1.38E-07	4.53E-06	5.03E+02	8.81E+00	4.14E-02	4.93E-01	5.07E-01	3.82E+00	3.41E+02	3.12E+01	2.04E-06	2.41E-06	6.36E-02	2.38E-03	1.39E+01	6.92E+00	3.73E+02	2.71E-03	3.73E+02	3.93E+02	2.08E+01	0.00E+00	0.00E+00	1.02E-02	2.18E+01
UE21E0	1.58E-02	4.82E+00	-2.54E-01	5.08E+00	0.00E+00	0.00E+00	7.73E+03	1.27E-04	3.54E-03	3.63E-02	8.58E-03	2.16E-01	7.65E-08	2.37E-07	6.21E+00	5.28E-02	1.16E-02	9.99E-03	1.90E-02	5.23E-01	7.47E+01	2.58E+01	9.66E-08	1.02E-07	1.06E-02	1.57E-04	1.37E+00	3.69E+00	1.00E+02	1.58E-06	1.00E+02	1.05E+02	5.06E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-01
UE21E2B	1.71E-02	5.16E+00	-2.56E-01	5.42E+00	0.00E+00	0.00E+00	7.73E+03	1.31E-04	3.74E-03	3.86E-02	9.17E-03	2.22E-01	7.69E-08	2.38E-07	6.24E+00	6.32E-02	1.24E-02	1.07E-02	1.99E-02	5.64E-01	7.89E+01	2.90E+01	1.01E-07	1.09E-07	1.13E-02	1.70E-04	1.60E+00	3.75E+00	1.08E+02	1.63E-06	1.08E+02	1.13E+02	5.35E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-01
UE21E5	1.67E-02	4.99E+00	-3.06E-01	5.30E+00	0.00E+00	0.00E+00	7.73E+03	1.27E-04	3.72E-03	3.80E-02	9.09E-03	2.23E-01	8.22E-08	2.38E-07	6.23E+00	5.74E-02	1.23E-02	1.06E-02	2.00E-02	5.76E-01	7.71E+01	2.73E+01	1.02E-07	1.07E-07	1.11E-02	1.75E-04	1.26E+00	4.38E+00	1.04E+02	1.58E-06	1.04E+02	1.10E+02	5.64E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-01
UE22E0	2.02E-02	5.89E+00	-4.13E-01	6.30E+00	0.00E+00	0.00E+00	7.73E+03	1.43E-04	4.39E-03	4.49E-02	1.17E-02	2.36E-01	9.66E-08	2.40E-07	6.28E+00	8.46E-02	1.58E-02	1.36E-02	2.26E-02	7.14E-01	8.92E+01	3.70E+01	1.17E-07	1.26E-07	1.32E-02	2.34E-04	1.02E+00	5.89E+00	1.26E+02	1.75E-06	1.26E+02	1.33E+02	6.91E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-01
UE22E5	2.10E-02	6.00E+00	-4.18E-01	6.42E+00	0.00E+00	0.00E+00	7.73E+03	1.39E-04	4.51E-03	4.62E-02	1.16E-02	2.42E-01	9.69E-08	2.40E-07	6.35E+00	9.72E-02	1.57E-02	1.35E-02	2.46E-02	8.06E-01	8.99E+01	3.68E+01	1.21E-07	1.30E-07	1.36E-02	2.51E-04	1.16E+00	5.96E+00	1.27E+02	1.31E-03	1.27E+02	1.34E+02	7.12E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+00
UE22PEN	2.27E-02	6.53E+00	-4.11E-01	6.94E+00	0.00E+00	0.00E+00	1.22E+04	1.83E-04	4.82E-03	5.26E-02	1.18E-02	1.26E-01	1.21E-07	1.05E-07	6.35E+00	9.15E-02	1.60E-02	1.37E-02	1.54E-02	6.81E-01	9.40E+01	4.03E+01	1.29E-07	1.39E-07	1.41E-02	2.25E-04	2.99E+00	5.81E+00	1.34E+02	1.76E-06	1.34E+02	1.43E+02	8.80E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-01
UE31E2B	2.26E-02	6.95E+00	-3.08E-01	7.26E+00	0.00E+00	0.00E+00	1.07E+04	1.77E-04	4.93E-03	5.10E-02	1.19E-02	2.47E-01	1.01E-07	2.62E-07	6.22E+00	8.69E-02	1.62E-02	1.39E-02	2.41E-02	7.86E-01	1.01E+02	4.07E+01	1.35E-07	1.41E-07	1.48E-02	2.19E-04	1.51E+00	4.57E+00	1.42E+02	2.15E-06	1.42E+02	1.48E+02	6.07E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
UE52K4N	6.10E-02	1.39E+01	-1.03E+00	1.49E+01	0.00E+00	0.00E+00	3.11E+03	8.95E-05	1.02E-02	1.09E-01	3.01E-02	1.05E+01	7.33E-07	1.68E-07	1.24E+01	7.46E-01	4.07E-02	3.50E-02	1.49E-01	5.24E+00	3.77E+02	6.73E+01	5.96E-07	5.73E-07	3.58E-02	2.84E-03	9.35E+00	1.14E+01	4.44E+02	4.29E-02	4.44E+02	4.65E+02	2.07E+01	0.00E+00	0.00E+00	0.00E+00	6.41E+00
UG41T2	4.76E-02	1.42E+01	-4.30E-01	1.46E+01	0.00E+00	0.00E+00	3.08E+03	8.50E-05	8.54E-03	9.22E-02	2.27E-02	9.08E-02	2.34E-07	1.26E-07	6.39E+00	9.76E-02	3.08E-02	5.17E-01	7.43E-02	1.05E+00	4.53E+02	3.70E+01	9.34E-08	2.46E-07	3.04E-02	2.50E-04	1.87E+00	7.29E+00	4.90E+02	4.50E-06	4.90E+02	4.99E+02	9.16E+00	0.00E+00	0.00E+00	0.00E+00	3.19E+00
UG81S3	3.55E-02	8.18E+00	-4.35E-01	8.61E+00	5.41E-04	0.00E+00	5.60E+01	1.62E-04	5.49E-03	5.90E-02	2.21E-02	6.89E+00	1.09E-06	2.13E-07	2.26E+01	2.56E+00	2.99E-02	1.13E-01	7.44E-02	2.95E+00	1.84E+02	6.66E+01	1.92E-07	2.21E-07	2.00E-02	1.61E-03	4.96E+00	8.13E+00	2.51E+02	9.97E-05	2.51E+02	2.64E+02	1.31E+01	0.00E+00	0.00E+00	0.00E+00	3.20E+00
UK21A3	1.98E-02	5.30E+00	-2.70E-01	5.57E+00	0.00E+00	0.00E+00	1.63E+03	4.38E-05	3.47E-03	3.76E-02	9.23E-03	7.55E-02	4.57E-08	5.12E-08	6.07E+00	6.86E-02	1.25E-02	1.79E-01	3.14E-02	1.37E+00	1.94E+02	1.78E+01	5.43E-08	1.14E-07	1.19E-02	2.83E-04	1.57E+00	3.92E+00	2.12E+02	1.94E-05	2.12E+02	2.18E+02	5.50E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+00
UK21LH0	3.23E-02	8.69E+00	-2.66E-01	8.96E+00	0.00E+00	0.00E+00	3.08E+03	6.11E-05	5.51E-03	6.14E-02	1.28E-02	2.79E-01	5.30E-08	8.41E-08	6.37E+00	6.36E-02	1.74E-02	5.42E-01	8.05E-02	6.36E+00	2.53E+02	1.84E+01	8.78E-08	2.34E-07	1.95E-02	5.45E-04	4.80E+00	3.99E+00	2.71E+02	6.27E-05	2.71E+02	2.80E+02	8.79E+00	0.00E+00	0.00E+00	0.00E+00	3.46E+00
UK21LH1	2.46E-02	6.57E+00	-3.12E-01	6.88E+00	0.00E+00	0.00E+00	1.64E+03	4.37E-05	4.25E-03	4.69E-02	1.19E-02	2.19E-01	4.74E-08	6.20E-08	6.15E+00	5.63E-02	1.61E-02	3.18E-01	6.02E-02	4.70E+00	1.88E+02	1.66E+01	7.30E-08	1.76E-07	1.50E-02	4.35E-04	3.22E+00	4.47E+00	2.05E+02	4.61E-05	2.05E+02	2.13E+02	7.69E+00	0.00E+00	0.00E+00	0.00E+00	2.59E+00
UK21R1	2.35E-02	6.09E+00	-2.79E-01	6.37E+00	0.00E+00	0.00E+00	3.07E+03	6.05E-05	4.05E-03	4.60E-02	1.08E-02	1.69E-01	5.47E-08	6.54E-08	6.43E+00	6.58E-02	1.46E-02	1.79E-01	4.24E-02	3.01E+00	1.61E+02	1.84E+01	7.24E-08	1.57E-07	1.37E-02	3.17E-04	4.99E+00	4.07E+00	1.80E+02	2.80E-05	1.80E+02	1.89E+02	9.06E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+00
UK21S1	2.73E-02	7.67E+00	-2.81E-01	7.95E+00	0.00E+00	0.00E+00	3.07E+03	6.07E-05	4.83E-03	5.28E-02	1.11E-02	2.18E-01	5.50E-08	7.92E-08	6.16E+00	5.54E-02	1.50E-02	5.40E-01	6.92E-02	5.13E+00	2.40E+02	1.84E+01	7.93E-08	1.94E-07	1.71E-02	4.61E-04	2.56E+00	4.11E+00	2.58E+02	5.07E-05	2.58E+02	2.65E+02	6.67E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+00
UK31C2	4.49E-02	1.24E+01	-4.90E-01	1.28E+01	0.00E+00	0.00E+00	3.09E+03	8.16E-05	7.94E-03	8.72E-02	2.47E-02	4.14E-01	8.44E-08	1.09E-07	6.74E+00	2.93E-01	3.34E-02	3.43E-01	1.13E-01	9.60E+00	2.79E+02	4.16E+01	1.77E-07	3.29E-07	2.82E-02	1.03E-03	5.67E+00	7.56E+00	3.21E+02	1.72E-02	3.21E+02	3.34E+02	1.32E+01	0.00E+00	0.00E+00	0.00E+00	4.87E+00
UL25B9	1.18E-02	6.34E-01	-1.09E-02	6.44E-01	2.19E-06	0.00E+00	1.27E+01	6.77E-06	7.65E-04	8.31E-03	1.20E-03	4.64E-01	1.93E-09	1.13E-08	2.43E+00	2.30E-02	1.62E-03	2.23E-03	7.55E-03	4.29E-02	1.45E+01	2.87E+00	1.90E-07	6.66E-08	3.46E-03	3.01E-05	8.06E-02	2.15E-01	1.73E+01	6.48E-05	1.73E+01	1.76E+01	2.96E-01	0.00E+00	0.00E+00	0.00E+00	3.24E-01
UM00H1	7.88E-03	1.52E+00	-2.56E-01	1.77E+00	2.43E-06	0.00E+00	8.20E+00	9.51E-06	1.34E-03	1.50E-02	4.15E-03	7.92E-02	3.10E-08	8.05E-09	1.01E+01	3.06E-02	5.62E-03	3.48E-02	1.60E-02	1.60E+00	2.80E+01	4.49E+00	2.33E-08	5.83E-08	4.22E-03	1.81E-04	1.91E+00	3.36E+00	3.25E+01	1.41E-05	3.25E+01	3.77E+01	5.27E+00	0.00E+00	0.00E+00	4.20E-03	6.86E-01
UM00H2	7.91E-03	1.57E+00	-2.56E-01	1.82E+00	2.43E-06	0.00E+00	8.34E+00	9.53E-06	1.36E-03	1.51E-02	4.39E-03	8.27E-02	3.12E-08	8.46E-09	8.68E+00	2.98E-02	5.95E-03	3.51E-02	1.73E-02	1.76E+00	2.82E+01	4.48E+00	2.36E-08	5.99E-08	4.30E-03	1.92E-04	1.70E+00	3.39E+00	3.26E+01	1.58E-05	3.26E+01	3.77E+01	5.09E+00	0.00E+00	0.00E+00	4.20E-03	7.42E-01
UM00K1	8.23E-03	1.61E+00	-2.57E-01	1.87E+00	2.43E-06	0.00E+00	8.46E+00	9.59E-06	1.39E-03	1.56E-02	4.40E-03	8.56E-02	3.12E-08	8.65E-09	1.00E+01	3.10E-02	5.96E-03	3.51E-02	1.74E-02	1.77E+00	2.91E+01	4.50E+00	2.41E-08	6.19E-08	4.42E-03	1.93E-04	2.02E+00	3.39E+00	3.36E+01	1.58E-05	3.36E+01	3.90E+01	5.41E+00	0.00E+00	0.00E+00	4.20E-03	7.47E-01
UM00K2	7.91E-03	1.57E+00	-2.57E-01	1.82E+00	2.43E-06	0.00E+00	8.34E+00	9.53E-06	1.36E-03	1.51E-02	4.40E-03	8.28E-02	3.12E-08	8.46E-09	9.98E+00	2.98E-02	5.96E-03	3.51E-02	1.73E-02	1.76E+00	2.82E+01	4.50E+00	2.38E-08	5.99E-08	4.31E-03	1.92E-04	1.71E+00	3.39E+00	3.27E+01	1.58E-05	3.27E+01	3.78E+01	5.10E+00	0.00E+00	0.00E+00	4.20E-03	7.43E-01
UM00M0	2.98E-03	1.05E+00	2.45E-02	1.03E+00	2.68E-04	0.00E+00	8.35E+00	4.69E-06	6.08E-04	6.59E-03	2.16E-03	2.16E-01	2.02E-09	9.35E-09	3.16E+00	7.49E-01	2.92E-03	2.51E-03	6.13E-03	6.44E-01	1.81E+01	7.39E+00	1.88E-08	2.34E-08	2.04E-03	3.09E-04	1.25E+00	2.43E-01	2.55E+01	3.18E-06	2.55E+01	2.70E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-01
UM00M1	1.12E-01	7.15E+00	-3.38E-01	7.49E+00	1.76E-04	0.00E+00	2.77E+03	2.58E-04	6.08E-03	7.18E-02	9.66E-03	1.55E+01	1.06E-06	5.41E-07	5.34E+01	1.11E+00	1.31E-02	4.21E-02	6.51E-01	1.29E+00	2.21E+02	1.13E+01	2.21E-06	6.70E-07	2.47E-02	9.72E-04	6.12E+00	5.34E+00	2.32E+02	1.21E-04	2.32E+02	2.44E+02	1.15E+01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
UM00M2	2.58E-02	4.36E+00	-3.36E-01	4.69E+00	1.76E-04	0.00E+00	2.74E+03	2.38E-04	3.39E-03	3.90E-02	7.58E-03	5.01E+00	7.21E-07	1.50E-07	1.94E+01	1.11E+00	1.03E-02	3.97E-02	4.17E-02	1.13E+00	1.42E+02	8.78E+00	2.04E-06	1.59E-07	1.14E-02	4.21E-04	6.03E+00	5.13E+00	1.51E+02	9.17E-05	1.51E+02	1.62E+02	1.12E+01	0.00E+00	0.00E+00	0.00E+00	1.79E+00
UM41UK	6.64E-02	1.12E+01	-5.34E-01	1.17E+01	5.35E-04	0.00E+00	5.70E+02	2.91E-05	1.02E-02	1.06E-01	1.15E-02	2.63E-01	1.03E-07	5.06E-08	7.17E+00	1.50E+00	1.56E-02	5.89E-02	6.71E-02	5.81E+00	1.25E+02	1.38E+01	5.67E-08	3.55E-07	3.00E-02	7.50E-04	1.05E+00	8.14E+00	1.39E+02	2.24E-05	1.39E+02	1.48E+02	9.19E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+00
UM51UK	8.28E-02	1.44E+01	-4.35E-01	1.48E+01	8.03E-04	0.00E+00	5.78E+02	3.33E-05	1.26E-02	1.32E-01	1.35E-02	2.63E-01	1.03E-07	5.84E-08	7.42E+00	2.24E+00	1.83E-02	1.10E-01	8.47E-02	7.42E+00	1.66E+02	2.00E+01	6.94E-08	4.42E-07	3.76E-02	1.03E-03	2.39E+00	7.38E+00	1.86E+02	2.74E-05	1.86E+02	1.96E+02	9.77E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+00
UM61UK	1.04E-01	1.83E+01	-3.99E-01	1.87E+01	1.07E-03	0.00E+00	5.89E+02	3.87E-05	1.58E-02	1.66E-01	1.69E-02	4.76E-01	1.12E-07	6.81E-08	7.75E+00	2.99E+00	2.29E-02	1.06E-01	1.07E-01	9.46E+00	2.05E+02	2.64E+01	8.66E-08	5.60E-07	4.73E-02	1.33E-03	3.62E+00	7.51E+00	2.32E+02	3.69E-05	2.32E+02	2.43E+02	1.11E+01	0.00E+00	0.00E+00	0.00E+00	4.60E+00
UM71UK	1.20E-01	2.07E+01	-5.23E-01	2.12E+01	1.07E-03	0.00E+00	5.93E+02	4.11E-05	1.81E-02	1.90E-01	1.88E-02	4.79E-01	1.34E-07	6.91E-08	7.78E+00	2.99E+00	2.54E-02	1.14E-01	1.21E-01	1.06E+01	2.27E+02	2.65E+01	9.03E-08	6.41E-07	5.39E-02	1.36E-03	3.29E+00	9.18E+00	2.54E+02	4.18E-05	2.54E+02	2.66E+02	1.25E+01	0.00E+00	0.00E+00	0.00E+00	5.21E+00
UN04A	9.25E-03	3.38E+00	-2.67E-02	3.41E+00	0.00E+00	0.00E+00	1.06E+03	1.46E-05	1.72E-03	1.85E-02	6.94E-03	1.25E-02	1.13E-08	8.17E-08	6.73E-01	1.55E-03	9.40E-03	2.92E-02	2.21E-02	8.23E-02	1.67E+02	1.56E+00	3.45E-08	4.78E-08	6.75E-03	1.88E-05	2.55E-01	6.88E-01	1.69E+02	5.73E-06	1.69E+02	1.70E+02	9.44E-01	0.00E+00	0.00E+00	0.00E+00	9.47E-01
UN05A	1.16E-02	4.25E+00	-3.12E-02	4.28E+00	0.00E+00	0.00E+00	1.06E+03	1.51E-05	2.14E-03	2.30E-02	8.13E-03	1.30E-02	1.22E-08	1.01E-07	6.77E-01	1.64E-03	1.10E-02	8.36E-02	2.85E-02	9.47E-02	2.17E+02	1.59E+00	3.96E-08	5.95E-08	8.50E-03	2.04E-05	2.84E-01	8.06E-01	2.19E+02	7.14E-06	2.19E+02	2.20E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
UN06A	1.32E-02	4.86E+00	-3.87E-02	4.90E+00	0.00E+00	0.00E+00	1.06E+03	1.57E-05	2.42E-03	2.61E-02	1.01E-02	1.37E-02	1.37E-08	1.18E-07	6.82E-01	1.74E-03	1.37E-02	4.23E-02	3.25E-02	1.12E-01	2.48E+02	1.65E+00	4.49E-08	6.72E-08	9.67E-03	2.28E-05	3.23E-01	1.00E+00	2.49E+02	8.53E-06	2.49E+02	2.50E+02	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
UN07A	1.51E-02	5.62E+00	-4.46E-02	5.66E+00	0.00E+00	0.00E+00	1.06E+03	1.62E-05	2.78E-03	2.99E-02	1.17E-02	1.42E-02	1.49E-08	1.36E-07	6.84E-01	1.77E-03	1.58E-02	5.49E-02	3.78E-02	1.26E-01	2.89E+02	1.69E+00	5.01E-08	7.70E-08	1.12E-02	2.47E-05	3.40E-01	1.16E+00	2.91E+02	9.93E-06	2.91E+02	2.92E+02	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
UN08A	1.90E-02	7.02E+00	-5.08E-02	7.07E+00	0.00E+00	0.00E+00	1.06E+03	1.69E-05	3.45E-03	3.73E-02	1.33E-02	1.47E-02	1.62E-08	1.67E-07	6.87E-01	1.81E-03	1.80E-02	1.64E-01	4.84E-02	1.43E-01	3.72E+02	1.74E+00	5.79E-08	9.59E-08	1.40E-02	2.68E-05	3.62E-01	1.32E+00	3.74E+02	1.21E-05	3.74E+02	3.75E+02	1.68E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+00

UN09A	1.89E-02	7.07E+00	-5.71E-02	7.12E+00	0.00E+00	0.00E+00	1.06E+03	1.72E-05	3.45E-03	3.72E-02	1.49E-02	1.54E-02	1.74E-08	1.72E-07	6.94E-01	1.97E-03	2.02E-02	5.59E-02	4.79E-02	1.56E-01	3.67E+02	1.78E+00	6.05E-08	9.57E-08	1.40E-02	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	2.06E+00
UN10A	2.36E-02	8.73E+00	-6.63E-02	8.79E+00	0.00E+00	0.00E+00	1.06E+03	1.81E-05	4.27E-03	4.61E-02	1.64E-02	1.80E-02	1.86E-08	2.07E-07	6.96E-01	2.11E-03	2.21E-02	2.23E-01	6.08E-02	1.75E-01	4.68E+02	1.82E+00	6.97E-08	1.19E-07	1.74E-02	3.21E-05	4.29E-01	1.66E+00	4.70E+02	1.51E-05	4.70E+02	4.72E+02	2.09E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+00
UN11A	2.56E-02	9.51E+00	-7.28E-02	9.58E+00	0.00E+00	0.00E+00	1.06E+03	1.86E-05	4.64E-03	5.00E-02	1.81E-02	1.87E-02	2.00E-08	2.26E-07	7.01E-01	2.20E-03	2.45E-02	2.27E-01	6.62E-02	1.90E-01	5.10E+02	1.87E+00	7.52E-08	1.29E-07	1.89E-02	3.42E-05	4.64E-01	1.83E+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	2.84E+00
UN12A	2.52E-02	9.41E+00	-7.78E-02	9.49E+00	0.00E+00	0.00E+00	1.06E+03	1.88E-05	4.57E-03	4.93E-02	1.94E-02	1.93E-02	2.09E-08	2.28E-07	7.06E-01	2.35E-03	2.62E-02	1.19E-01	6.48E-02	2.00E-01	4.97E+02	1.91E+00	7.68E-08	1.27E-07	1.87E-02	3.58E-05	5.11E-01	1.96E+00	4.99E+02	1.69E-05	4.99E+02	5.01E+02	2.47E+00	0.00E+00	0.00E+00	0.00E+00	2.78E+00
UN13A	2.83E-02	1.06E+01	-9.15E-02	1.07E+01	0.00E+00	0.00E+00	1.06E+03	1.98E-05	5.13E-03	5.53E-02	2.30E-02	2.06E-02	2.36E-08	2.60E-07	7.15E-01	2.55E-03	3.11E-02	6.02E-02	7.27E-02	2.31E-01	5.57E+02	2.01E+00	8.68E-08	1.42E-07	2.10E-02	4.02E-05	5.85E-01	2.32E+00	5.59E+02	1.96E-05	5.59E+02	5.62E+02	2.91E+00	0.00E+00	0.00E+00	0.00E+00	3.12E+00
UN31TN	6.70E-02	1.11E+01	-2.78E-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-08	1.20E-07	9.41E+00	3.10E-02	1.18E-02	2.28E-01	8.23E-02	4.92E+00	1.60E+02	1.45E+00	8.23E-07	9.22E-07	2.95E-02	7.50E-04	2.09E-01	4.08E+00	1.62E+02	3.86E-04	1.62E+02	1.66E+02	4.29E+00	0.00E+00	0.00E+00	0.00E+00	3.53E+00
UN41B1	2.99E-02	8.25E+00	-4.28E-01	8.68E+00	5.49E-04	0.00E+00	3.57E+03	8.28E-05	5.27E-03	5.53E-02	1.76E-02	3.75E+00	8.67E-08	2.45E-07	1.51E+01	1.61E+00	2.38E-02	1.20E-01	5.47E-02	2.06E+00	3.06E+02	2.71E+01	1.37E-07	1.80E-07	1.84E-02	1.01E-03	2.87E+00	7.32E+00	3.34E+02	4.77E-05	3.34E+02	3.44E+02	1.02E+01	0.00E+00	0.00E+00	2.34E-02	2.35E+00
UN41U1	4.09E-02	8.32E+00	-5.92E-01	8.91E+00	5.46E-04	0.00E+00	2.66E+03	7.01E-05	6.85E-03	7.28E-02	1.59E-02	8.26E+00	1.00E-07	2.29E-07	1.51E+01	1.61E+00	2.16E-02	2.26E-01	7.00E-02	2.17E+00	2.67E+02	2.51E+01	2.70E-07	3.33E-07	2.29E-02	9.97E-04	3.36E+00	9.26E+00	2.92E+02	1.11E-04	2.92E+02	3.05E+02	1.26E+01	0.00E+00	0.00E+00	1.92E-02	3.00E+00
UN51TN	1.29E-01	2.17E+01	-5.07E-01	2.22E+01	0.00E+00	0.00E+00	5.80E+02	4.50E-05	1.71E-02	1.82E-01	1.91E-02	7.70E+01	1.10E-07	3.06E-07	6.81E+00	8.28E-02	2.59E-02	4.43E-01	1.75E-01	9.68E+00	3.18E+02	1.71E+00	2.36E-06	2.33E-06	5.65E-02	2.05E-03	5.27E-01	7.91E+00	3.20E+02	1.10E-03	3.20E+02	3.28E+02	8.44E+00	0.00E+00	0.00E+00	0.00E+00	7.50E+00
UN61B3	4.42E-02	1.23E+01	-7.44E-01	1.30E+01	5.55E-04	0.00E+00	3.70E+03	1.05E-04	7.91E-03	8.29E-02	2.69E-02	3.95E+00	1.28E-07	2.99E-07	1.56E+01	1.64E+00	3.64E-02	1.91E-01	7.99E-02	2.22E+00	4.84E+02	4.35E+01	1.77E-07	2.52E-07	2.77E-02	9.80E-04	2.43E+00	1.18E+01	5.27E+02	5.25E-05	5.27E+02	5.41E+02	1.42E+01	0.00E+00	0.00E+00	3.52E-02	3.43E+00
UN61U3	5.42E-02	1.18E+01	-7.94E-01	1.26E+01	5.53E-04	0.00E+00	2.70E+03	8.79E-05	9.65E-03	1.02E-01	2.33E-02	3.89E+00	1.27E-07	3.05E-07	1.55E+01	1.65E+00	3.15E-02	3.56E-01	1.03E-01	2.26E+00	4.28E+02	4.12E+01	1.84E-07	3.03E-07	3.25E-02	1.01E-03	2.13E+00	1.22E+01	4.69E+02	5.65E-05	4.69E+02	4.84E+02	1.43E+01	0.00E+00	0.00E+00	3.10E-02	4.42E+00
UN71B3	4.49E-02	1.27E+01	-6.75E-01	1.34E+01	5.55E-04	0.00E+00	3.70E+03	1.04E-04	7.99E-03	8.41E-02	2.81E-02	3.95E+00	1.20E-07	3.11E-07	1.55E+01	1.64E+00	3.81E-02	1.44E-01	8.22E-02	2.19E+00	5.03E+02	4.35E+01	1.79E-07	2.55E-07	2.83E-02	9.64E-04	2.66E+00	1.10E+01	5.46E+02	5.35E-05	5.46E+02	5.60E+02	1.36E+01	0.00E+00	0.00E+00	3.52E-02	3.53E+00
UN71B4	4.86E-02	1.31E+01	-6.77E-01	1.38E+01	5.55E-04	0.00E+00	3.82E+03	1.16E-04	8.30E-03	8.73E-02	2.93E-02	5.64E+00	1.22E-07	3.47E-07	1.93E+01	1.67E+00	3.96E-02	1.54E-01	8.90E-02	2.15E+00	5.36E+02	4.31E+01	1.91E-07	2.76E-07	2.96E-02	9.58E-04	2.63E+00	1.11E+01	5.79E+02	7.28E-05	5.79E+02	5.93E+02	1.37E+01	0.00E+00	0.00E+00	3.52E-02	3.82E+00
UN81B3	4.91E-02	1.44E+01	-7.36E-01	1.51E+01	8.23E-04	0.00E+00	3.71E+03	1.10E-04	8.92E-03	9.38E-02	3.14E-02	3.95E+00	1.32E-07	3.37E-07	1.58E+01	2.38E+00	4.26E-02	2.01E-01	9.25E-02	2.81E+00	5.68E+02	4.97E+01	2.01E-07	2.80E-07	3.17E-02	1.28E-03	3.58E+00	1.23E+01	6.18E+02	5.50E-05	6.18E+02	6.34E+02	1.59E+01	0.00E+00	0.00E+00	3.52E-02	3.97E+00
UN81B4	5.01E-02	1.36E+01	-7.64E-01	1.43E+01	5.55E-04	0.00E+00	3.83E+03	1.17E-04	8.61E-03	9.04E-02	3.14E-02	5.65E+00	1.33E-07	3.60E-07	1.93E+01	1.67E+00	4.25E-02	1.08E-01	9.21E-02	2.21E+00	5.57E+02	4.32E+01	1.97E-07	2.83E-07	3.07E-02	9.79E-04	2.42E+00	1.23E+01	6.00E+02	7.39E-05	6.00E+02	6.15E+02	1.47E+01	0.00E+00	0.00E+00	3.52E-02	3.95E+00
US31A3R1	9.05E-03	2.22E+00	-2.78E-01	2.50E+00	0.00E+00	0.00E+00	8.20E+00	3.25E-05	1.69E-03	1.76E-02	5.79E-03	4.40E-02	3.47E-08	4.69E-09	5.77E+00	6.73E-02	7.84E-03	6.74E-03	7.50E-03	3.93E-01	2.99E+01	2.27E+01	3.99E-08	4.84E-08	5.29E-03	1.48E-04	-7.32E-02	3.80E+00	5.27E+01	3.45E-07	5.27E+01	5.64E+01	3.72E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-01
UT12PN	7.86E-03	1.98E+00	-1.30E-01	2.11E+00	0.00E+00	0.00E+00	6.77E+00	3.23E-06	1.38E-03	1.54E-02	4.86E-03	8.74E-02	1.60E-08	1.39E-08	4.56E+00	1.76E-02	6.57E-03	3.63E-02	2.42E-02	2.20E+00	6.38E+01	2.31E-01	1.77E-08	6.62E-08	4.82E-03	2.50E-04	2.40E+00	1.88E+00	6.41E+01	2.82E-05	6.41E+01	6.83E+01	4.27E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
UW31V	3.91E-02	7.78E+00	-3.49E-01	8.13E+00	2.04E-05	0.00E+00	2.37E+03	8.26E-05	5.09E-03	5.41E-02	1.55E-02	9.49E+00	6.47E-08	2.91E-07	2.55E+01	1.82E-01	2.10E-02	1.16E-01	6.01E-02	8.98E-01	3.06E+02	2.66E+01	1.39E-07	2.17E-07	1.86E-02	3.00E-04	8.66E-01	5.49E+00	3.33E+02	1.09E-04	3.33E+02	3.39E+02	6.36E+00	0.00E+00	0.00E+00	3.52E-02	2.58E+00
UW41U	9.61E-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	3.21E+01	2.18E-01	2.24E-02	1.02E-01	1.03E-01	5.25E+00	2.82E+02	2.74E+01	1.40E-07	5.12E-07	3.99E-02	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	3.52E-02	4.44E+00
UW51U	1.18E-01	1.88E+01	-5.54E-01	1.94E+01	2.04E-05	0.00E+00	2.51E+03	1.08E-04	1.59E-02	1.68E-01	2.01E-02	1.12E+01	1.26E-07	2.76E-07	3.21E+01	2.32E-01	2.73E-02	1.32E-01	1.26E-01	6.74E+00	3.46E+02	3.23E+01	1.50E-07	6.26E-07	4.99E-02	3.68E-04	4.35E-01	8.35E+00	3.78E+02	1.50E-04	3.78E+02	3.87E+02	8.78E+00	0.00E+00	0.00E+00	3.52E-02	5.41E+00
UW51UA	1.08E-01	1.80E+01	-5.62E-01	1.86E+01	2.04E-05	0.00E+00	1.51E+03	8.04E-05	1.53E-02	1.62E-01	1.92E-02	5.39E+00	1.18E-07	1.62E-07	1.92E+01	1.82E-01	2.60E-02	1.23E-01	1.13E-01	6.57E+00	3.25E+02	3.11E+01	1.06E-07	5.63E-07	4.75E-02	3.22E-04	1.18E-01	8.25E+00	3.56E+02	8.48E-05	3.56E+02	3.65E+02	8.37E+00	0.00E+00	0.00E+00	3.52E-02	4.87E+00
UW51V	5.04E-02	1.05E+01	-5.59E-01	1.10E+01	2.04E-05	0.00E+00	2.51E+03	1.06E-04	6.85E-03	7.23E-02	2.21E-02	1.12E+01	9.34E-08	3.64E-07	2.93E+01	2.32E-01	3.00E-02	1.42E-01	8.21E-02	1.09E+00	4.48E+02	3.23E+01	1.73E-07	2.77E-07	2.51E-02	3.69E-04	4.36E-01	8.55E+00	4.80E+02	1.31E-04	4.80E+02	4.89E+02	8.98E+00	0.00E+00	0.00E+00	3.52E-02	3.53E+00
UW61U	1.38E-01	2.23E+01	-5.67E-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	1.60E-01	1.46E-01	7.94E+00	4.06E+02	3.97E+01	1.61E-07	7.24E-07	5.88E-02	3.98E-04	5.57E-01	8.68E+00	4.46E+02	1.55E-04	4.46E+02	4.55E+02	9.23E+00	0.00E+00	0.00E+00	3.52E-02	6.26E+00
UW61UA	1.27E-01	2.15E+01	-5.73E-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	5.40E+00	1.27E-07	1.67E-07	1.92E+01	2.03E-01	3.02E-02	1.50E-01	1.33E-01	7.77E+00	3.86E+02	3.85E+01	1.17E-07	6.61E-07	5.62E-02	3.52E-04	2.30E-01	8.57E+00	4.24E+02	8.99E-05	4.24E+02	4.33E+02	8.80E+00	0.00E+00	0.00E+00	3.52E-02	5.72E+00
UW61V	5.57E-02	1.22E+01	-5.74E-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	1.12E+01	9.64E-08	3.85E-07	2.93E+01	2.53E-01	3.55E-02	1.08E-01	9.16E-02	1.19E+00	5.16E+02	3.97E+01	1.89E-07	3.04E-07	2.86E-02	4.00E-04	5.78E-01	8.95E+00	5.56E+02	1.33E-04	5.56E+02	5.65E+02	9.53E+00	0.00E+00	0.00E+00	3.52E-02	3.93E+00
UW61VA	4.51E-02	1.13E+01	-5.81E-01	1.19E+01	2.04E-05	0.00E+00	1.51E+03	8.90E-05	7.13E-03	7.53E-02	2.53E-02	5.40E+00	8.85E-08	2.71E-07	1.64E+01	2.03E-01	3.42E-02	9.89E-02	7.89E-02	1.02E+00	4.96E+02	3.85E+01	1.45E-07	2.41E-07	2.60E-02	3.54E-04	2.48E-01	8.86E+00	5.34E+02	6.79E-05	5.34E+02	5.43E+02	9.11E+00	0.00E+00	0.00E+00	3.52E-02	3.39E+00
UW71U	1.60E-01	2.65E+01	-6.57E-01	2.71E+01	2.04E-05	0.00E+00	3.10E+03	1.41E-04	2.21E-02	2.34E-01	2.77E-02	1.12E+01	1.58E-07	2.92E-07	3.23E+01	2.87E-01	3.75E-02	1.76E-01	1.67E-01	9.32E+00	4.73E+02	5.09E+01	1.82E-07	8.38E-07	6.91E-02	4.66E-04	9.94E-01	1.01E+01	5.24E+02	1.60E-04	5.24E+02	5.35E+02	1.11E+01	0.00E+00	0.00E+00	3.52E-02	7.19E+00
UW71V	6.70E-02	1.50E+01	-6.70E-01	1.57E+01	2.04E-05	0.00E+00	3.09E+03	1.39E-04	9.68E-03	1.03E-01	3.11E-02	1.12E+01	1.14E-07	4.12E-07	2.95E+01	2.87E-01	4.21E-02	1.30E-01	1.07E-01	1.68E+00	6.00E+02	5.10E+01	2.16E-07	3.63E-07	3.50E-02	4.71E-04	1.02E+00	1.04E+01	6.51E+02	1.35E-04	6.51E+02	6.63E+02	1.15E+01	0.00E+00	0.00E+00	3.52E-02	4.57E+00
UW71VA	5.64E-02	1.42E+01	-6.74E-01	1.49E+01	2.04E-05	0.00E+00	2.09E+03	1.11E-04	9.05E-03	9.59E-02	3.01E-02	5.43E+00	1.06E-07	2.98E-07	1.65E+01	2.37E-01	4.08E-02	1.20E-01	9.38E-02	1.51E+00	5.80E+02	4.98E+01	1.72E-07	3.00E-07	3.25E-02	4.24E-04	6.93E-01	1.03E+01	6.29E+02	7.07E-05	6.29E+02	6.40E+02	1.10E+01	0.00E+00	0.00E+00	3.52E-02	4.03E+00
UY01R1S	2.65E-02	4.45E+00	-2.12E-01	4.66E+00	8.71E-06	0.00E+00	1.15E+03	5.05E-05	3.14E-03	3.38E-02	7.88E-03	6.91E+00	3.83E-08	1.78E-07	2.13E+01	1.36E-01	1.07E-02	1.02E-01	4.07E-02	7.46E-01	1.48E+02	1.21E+01	8.45E-08	1.48E-07	1.12E-02	1.98E-04	1.18E+00	3.27E+00	1.60E+02	8.01E-05	1.60E+02	1.64E+02	4.44E+00	0.00E+00	0.00E+00	1.50E-02	1.75E+00
UY02R2N	3.72E-02	6.26E+00	-4.60E-01	6.72E+00	2.88E-07	0.00E+00	6.00E+02	3.96E-04	4.59E-03	4.90E-02	1.20E-02	1.97E+01	8.57E-07	2.54E-07	2.27E+01	9.02E-01	1.63E-02	2.02E-01	6.43E-02	1.60E+00	1.75E+02	1.71E+01	4.86E-07	4.75E-07	1.63E-02	6.53E-04	1.03E+00	7.22E+00	1.92E+02	2.95E-04	1.92E+02	2.00E+02	8.25E+00	0.00E+00	0.00E+00	0.00E+00	2.76E+00
UY02R2S	4.99E-02	7.23E+00	-4.96E-01	7.72E+00	1.74E-05	0.00E+00	2.10E+03	9.81E-05	5.33E-03	5.71E-02	1.37E-02	2.68E+01	8.37E-08	3.65E-07	3.86E+01	2.61E-01	1.85E-02	1.77E-01	7.36E-02	1.67E+00	2.14E+02	1.93E+01	5.25E-07	5.44E-07	1.94E-02	6.76E-04	1.49E+00	7.46E+00	2.33E+02	3.35E-04	2.33E+02	2.42E+02	8.95E+00	0.00E+00	0.00E+00	3.00E-02	3.16E+00
UY31J1N	1.49E-01	2.61E+01	-3.83E-01	2.65E+01	9.93E-05	0.00E+00	2.96E+04	9.79E-04	1.72E-02	1.85E-01	3.91E-02	4.83E+01	2.64E-07	1.29E-06	1.14E+02	2.50E+00	5.30E-02	4.85E-01	2.15E-01	6.96E+00	8.37E+02	6.33E+01	7.70E-07	9.05E-07	6.17E-02	4.05E-03	7.83E+00	1.00E+01	9.00E+02	1.31E-03	9.00E+02	9.18E+02	1.78E+01	0.00E+00	0.00E+00	0.00E+00	9.25E+00
UY32A3N	7.72E-01	5.49E+01	-3.82E-02	5.50E+01	1.68E-06	0.00E+00	3.34E+03	3.06E-03	5.54E-02	6.12E-01	8.17E-02	3.58E+02	1.49E-06	5.94E-06	6.54E+02	1.01E+01	1.11E-01	1.40E+00	8.55E-01	3.10E+01	1.03E+03	9.49E+01	4.35E-06	6.05E-06	2.57E-01	1.15E-02	3.53E+01	1.79E+01	1.13E+03	4.69E-02	1.13E+03	1.18E+03	5.32E+01	0.00E+00	0.00E+00	0.00E+00	3.67E+01
UZ005	1.87E-03	2.48E-01	-1.12E-01	3.59E-01	0.00E+00	0.00E+00	2.06E+00	2.20E-06	3.14E-04	3.39E-03	1.10E-03	5.64E-02	4.01E-08	2.92E-09	4.64E+00	4.84E-03	1.49E-03	1.28E-03	5.27E-03	2.92E-02	6.76E+00	1.67E+00	2.25E-08	9.60E-09	1.04E-03	1.46E-05	1.00E-01	1.22E+00	8.43E+00	9.34E-09	8.43E+00	9.74E+00	1.32E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-01
UZ25V2	5.42E-03	1.86E+00	-8.12E-02	1.94E+00	0.00E+00	0.00E+00	6.23E+03	7.55E-05	1.38E-03	1.52E-02	2.20E-03	3.17E-02	4.53E-08	4.94E-08	2.89E+00	4.54E-03	2.98E-03	2.56E-03	2.64E-03	1.32E-01	2.53E+01	7.38E+00	3.92E-08	3.75E-08	3.72E-03	2.61E-05	1.04E+00	1.12E+00	3.27E+01	5.17E-07	3.27E+01	3.48E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01
VZ00AS	1.57E-02	2.28E+00	-6.34E-02	2.34E+00	1.76E-04	0.00E+00	1.98E+03	2.24E-04	1.67E-03	1.94E-02	2.96E-03	4.96E+00	6.85E-07	1.32E-07	1.41E+01	1.09E+00	4.01E-03	3.43E-02	2.64E-02	8.22E-01	3.99E+01	7.59E+00	2.01E-06	1.02E-07	5.84E-03	3.36E-04	3.56E+00	1.52E+00	4.75E+01	7.36E-05	4.75E+01	5.26E+01	5.08E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
VZ413	3.20E-04	7.22E-02	-1.08E-03	7.32E-02	0.00E+00	0.00E+00	1.89E-01	5.95E-07	4.84E-05	5.80E-04	1.20E-04	1.61E-03	2.98E-10	2.04E-10	2.66E-02	6.02E-03	1.62E-04	1.39E-04	2.93E-04	4.97E-02	1.03E+00	5.13E-01	1.23E-09	2.14E-09	1.69E-04	3.10E-05	1.26E-01	3.39E-02	1.54E+00	2.04E-04	1.54E+00	1.70E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	1.26E-02
VZ415	4.63E-04	1.26E-01	-1.10E-04	1.26E-01	0.00E+00	0.00E+00	2.86E-01	1.17E-06	7.75E-05	8.34E-04	2.27E-04	1.55E-03	3.66E-10	3.06E-10	1.40E-01	1.23E-02	3.07E-04	2.64E-04	5.65E-04	1.03E-01	1.57E+00	1.09E+00	2.44E-09	3.16E-09	2.82E-04	6.57E-05	7.28E-02	4.34E-02	2.67E+00	4.48E-04	2.67E+00	2.78E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.43E-02
FZ8935RMA	5.58E-03	1.63E+00	-8.19E-03	1.64E+00	0.00E+00	0.00E+00	4.31E+00	2.37E-06	9.33E-04	1.01E-02	2.50E-03	6.66E-03	1.86E-09	1.24E-08	8.32E-01	6.39E-02	3.38E-03	7.29E-02	1.38E-02	4.22E-02	2.11E+03	5.07E-01	6.14E-09	2.93E-08	3.61E-03	1.14E-05	6.42E-01	2.47E-01	2.11E+03	2.10E-05	2.11E+03	2.12E+03	8.89E-01	0.00E+00	0.00E+00	0.00E+00	5.93E-01
FWB52S	2.09E-02	3.29E+00	0.00E+00	3.29E+00	0.00E+00	0.00E+00	2.16E+00	1.24E-06	9.78E-03	1.07E-01	0.00E+00	0.00E+00	5.79E-11	1.12E-09	8.02E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04	1.16E-01	4.60E+01	0.00E+00	5.05E-09	1.70E-07	2.71E-02	8.24E-05	6.13E-02	0.00E+00	4.60E+01	1.30E-07	4.60E+01	4.60E+01	6.13E-02	0.00E+00	0.00E+00	0.00E+00	1.25E-02
FZ8960RMA	5.61E-04	8.85E-02	0.00E+00	8.85E-02	0.00E+00	0.00E+00	5.80E-02	3.32E-08	2.63E-04	2.89E-03	0.00E+00	0.00E+00	1.56E-12	3.01E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.83E-06	3.11E-03	1.24E+00	0.00E+00	1.36E-10	4.56E-09	7.28E-04	2.22E-06	1.65E-03	0.00E+00	1.24E+00	3.49E-09	1.24E+00	1.24E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
FZ8985RMA	8.44E-04	1.33E-01	0.00E+00	1.33E-01	0.00E+00	0.00E+00	8.73E-02	5.00E-08	3.95E-04	4.34E-03	0.00E+00	0.00E+00	2.34E-12	4.53E-11	3.24E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-05	4.68E-03	1.86E+00	0.00E+00	2.04E-10	6.86E-09	1.09E-03	3.33E-06	2.48E-03	0.00E+00	1.86E+00	5.24E-09	1.86E+00	1.86E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	5.06E-04
FZ8911RMA	1.09E-03	1.72E-01	0.00E+00	1.72E-01	0.00E+00	0.00E+00	1.13E-01	6.48E-08	5.13E-04	5.62E-03	0.00E+00	0.00E+00	3.04E-12	5.87E-11	4.21E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	6.06E-03	2.41E+00	0.00E+00	2.65E-10	8.90E-09	1.42E-03	4.32E-06	3.22E-03	0.00E+00	2.41E+00	6.80E-09	2.41E+00	2.41E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	6.56E-04
FZ8913RMA	1.34E-03	2.12E-01	0.00E+00	2.12E-01	0.00E+00	0.00E+00	1.39E-01	7.95E-08	6.29E-04	6.91E-03	0.00E+00	0.00E+00	3.73E-12	7.21E-11	5.16E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-05	7.44E-03	2.96E+00	0.00E+00	3.25E-10	1.09E-08	1.74E-03	5.30E-06	3.95E-03	0.00E+00	2.96E+00	8.35E-09	2.96E+00	2.96E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00	8.05E-04
FZ8916RMA	1.59E-03	2.51E-01	0.00E+00	2.51E-01	0.00E+00	0.00E+00	1.65E-01	9.44E-08	7.47E-04	8.19E-03	0.00E+00	0.00E+00	4.42E-12	8.55E-11	6.13E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	8.83E-03	3.51E+00	0.00E+00	3.86E-10	1.30E-08	2.07E-03	6.29E-06	4.68E-03	0.00E+00	3.51E+00	9.90E-09	3.51E+00	3.51E+00	4.68E-03	0.00E+00	0.00E+00	0.00E+00	9.55E-04
FZ8935ESA	3.62E-04	5.71E-02	0.00E+00	5.71E-02	0.00E+00	0.00E+00	3.75E-02	2.15E-08	1.70E-04	1.86E-03	0.00E+00	0.00E+00	1.01E-12	1.95E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.06E-06	2.01E-03	7.98E-01	0.00E+00	8.77E-11	2.95E-09	4.70E-04	1.43E-06	1.07E-03	0.00E+00	7.98E-01	2.25E-09	7.98E-01	7.99E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
FZ8960ESA	6.01E-04	9.48E-02	0.00E+00	9.48E-02	0.00E+00	0.00E+00	6.22E-02	3.56E-08	2.82E-04	3.09E-03	0.00E+00	0.00E+00	1.67E-12	3.23E-11	2.31E-04	0.00E+00	0.00E+00	0.00E+00	8.40E-06	3.33E-03	1.32E+00	0.00E+00	1.46E-10	4.89E-09	7.80E-04	2.37E-06	1.77E-03	0.00E+00	1.32E+00	3.74E-09	1.32E+00	1.33E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	3.61E-04
FZ8985ESA	8.39E-04	1.32E-01	0.00E+00	1.32E-01	0.00E+00	0.00E+00	8.68E-02	4.97E-08	3.93E-04	4.32E-03	0.00E+00	0.00E+00	2.33E-12	4.51E-11	3.23E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-05	4.65E-03	1.85E+00	0.00E+00	2.03E-10	6.83E-09	1.09E-03	3.31E-06	2.47E-03	0.00E+00	1.85E+00	5.22E-09	1.85E+00	1.85E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	5.03E-04
FZ8911ESA	1.08E-03	1.70E-01	0.00E+00	1.70E-01	0.00E+00	0.00E+00	1.12E-01	6.39E-08	5.05E-04	5.54E-03	0.00E+00	0.00E+00	2.99E-12	5.79E-11	4.15E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-05	5.98E-03	2.38E+00	0.00E+00	2.61E-10	8.77E-09	1.40E-03	4.26E-06	3.17E-03	0.00E+00	2.38E+00	6.70E-09	2.38E+00	2.38E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	6.47E-04
FZ8913ESA	1.32E-03	2.08E-01	0.00E+00	2.08E-01	0.00E+00	0.00E+00	1.36E-01	7.80E-08	6.17E-04	6.77E-03	0.00E+00	0.00E+00	3.65E-12	7.06E-11	5.06E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-05	7.29E-03	2.90E+00	0.00E+00	3.19E-10	1.07E-08	1.71E-03	5.20E-06	3.87E-03	0.00E+00	2.90E+00	8.18E-09	2.90E+00	2.90E+00	3.87E-03	0.00E+00	0.00E+00	0.00E+00	7.89E-04
FZ8916ESA	1.56E-03	2.45E-01	0.00E+00	2.45E-01	0.00E+00	0.00E+00	1.61E-01	9.21E-08	7.29E-04	8.00E-03	0.00E+00	0.00E+00	4.32E-12	8.35E-11	5.98E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-05	8.62E-03	3.43E+00	0.00E+00	3.76E-10	1.26E-08	2.02E-03	6.14E-06	4.57E-03	0.00E+00	3.43E+00	9.67E-09	3.43E+00	3.43E+00	4.57E-03	0.00E+00	0.00E+00	0.00E+00	9.32E-04
FZ8935RRA	3.65E-04	5.75E-02	0.00E+00	5.75E-02	0.00E+00	0.00E+00	3.77E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.09E-06	2.02E-03	8.03E-01	0.00E+00	8.83E-11	2.97E-09	4.73E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.04E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
FZ8960RRA	6.15E-04	9.69E-02	0.00E+00	9.69E-02	0.00E+00	0.00E+00	6.36E-02	3.64E-08	2.88E-04	3.16E-03	0.00E+00	0.00E+00	1.71E-12	3.30E-11	2.36E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-06	3.41E-03	1.35E+00	0.00E+00	1.49E-10	5.00E-09	7.97E-04	2.43E-06	1.81E-03	0.00E+00	1.35E+00	3.82E-09	1.35E+00	1.36E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	3.69E-04
FZ8985RRA	8.64E-04	1.36E-01	0.00E+00	1.36E-01	0.00E+00	0.00E+00	8.93E-02	5.12E-08	4.05E-04	4.44E-03	0.00E+00	0.00E+00	2.40E-12	4.64E-11	3.32E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-05	4.79E-03	1.90E+00	0.00E+00	2.09E-10	7.02E-09	1.12E-03	3.41E-06	2.54E-03	0.00E+00	1.90E+00	5.37E-09	1.90E+00	1.91E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	5.18E-04
FZ8911RRA	1.11E-03	1.76E-01	0.00E+00	1.76E-01	0.00E+00	0.00E+00	1.15E-01	6.60E-08	5.22E-04	5.73E-03	0.00E+00	0.00E+00	3.09E-12	5.98E-11	4.28E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-05	6.17E-03	2.45E+00	0.00E+00	2.70E-10	9.06E-09	1.44E-03	4.40E-06	3.27E-03	0.00E+00	2.45E+00	6.92E-09	2.45E+00	2.46E+00	3.27E-03	0.00E+00	0.00E+00	0.00E+00	6.68E-04
FZ8913RRA	1.36E-03	2.15E-01	0.00E+00	2.15E-01	0.00E+00	0.00E+00	1.41E-01	8.07E-08	6.39E-04	7.01E-03	0.00E+00	0.00E+00	3.78E-12	7.32E-11	5.24E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-05	7.55E-03	3.00E+00	0.00E+00	3.30E-10	1.11E-08	1.77E-03	5.38E-06	4.01E-03	0.00E+00	3.00E+00	8.47E-09	3.00E+00	3.01E+00	4.01E-03	0.00E+00	0.00E+00	0.00E+00	8.17E-04
FZ8916RRA	1.54E-03	2.42E-01	0.00E+00	2.42E-01	0.00E+00	0.00E+00	1.59E-01	9.09E-08	7.20E-04	7.89E-03	0.00E+00	0.00E+00	4.26E-12	8.24E-11	5.90E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-05	8.51E-03	3.38E+00	0.00E+00	3.72E-10	1.25E-08	1.99E-03	6.06E-06	4.51E-03	0.00E+00	3.38E+00	9.54E-09	3.38E+00	3.39E+00	4.51E-03	0.00E+00	0.00E+00	0.00E+00	9.20E-04
FZ8935RLA	3.65E-04	5.75E-02	0.00E+00	5.75E-02	0.00E+00	0.00E+00	3.77E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.09E-06	2.02E-03	8.03E-01	0.00E+00	8.83E-11	2.97E-09	4.73E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.04E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
FZ8960RLA	6.15E-04	9.69E-02	0.00E+00	9.69E-02	0.00E+00	0.00E+00	6.36E-02	3.64E-08	2.88E-04	3.16E-03	0.00E+00	0.00E+00	1.71E-12	3.30E-11	2.36E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-06	3.41E-03	1.35E+00	0.00E+00	1.49E-10	5.00E-09	7.97E-04	2.43E-06	1.81E-03	0.00E+00	1.35E+00	3.82E-09	1.35E+00	1.36E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	3.69E-04
FZ8985RLA	8.64E-04	1.36E-01	0.00E+00	1.36E-01	0.00E+00	0.00E+00	8.93E-02	5.12E-08	4.05E-04	4.44E-03	0.00E+00	0.00E+00	2.40E-12	4.64E-11	3.32E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-05	4.79E-03	1.90E+00	0.00E+00	2.09E-10	7.02E-09	1.12E-03	3.41E-06	2.54E-03	0.00E+00	1.90E+00	5.37E-09	1.90E+00	1.91E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	5.18E-04
FZ8911RLA	1.11E-03	1.76E-01	0.00E+00	1.76E-01	0.00E+00	0.00E+00	1.15E-01	6.60E-08	5.22E-04	5.73E-03	0.00E+00	0.00E+00	3.09E-12	5.98E-11	4.28E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-05	6.17E-03	2.45E+00	0.00E+00	2.70E-10	9.06E-09	1.44E-03	4.40E-06	3.27E-03	0.00E+00	2.45E+00	6.92E-09	2.45E+00	2.46E+00	3.27E-03	0.00E+00	0.00E+00	0.00E+00	6.68E-04
FZ8913RLA	1.36E-03	2.15E-01	0.00E+00	2.15E-01	0.00E+00	0.00E+00	1.41E-01	8.07E-08	6.39E-04	7.01E-03	0.00E+00	0.00E+00	3.78E-12	7.32E-11	5.24E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-05	7.55E-03	3.00E+00	0.00E+00	3.30E-10	1.11E-08	1.77E-03	5.38E-06	4.01E-03	0.00E+00	3.00E+00	8.47E-09	3.00E+00	3.01E+00	4.01E-03	0.00E+00	0.00E+00	0.00E+00	8.17E-04
FZ8916RLA	1.54E-03	2.42E-01	0.00E+00	2.42E-01	0.00E+00	0.00E+00	1.59E-01	9.09E-08	7.20E-04	7.89E-03	0.00E+00	0.00E+00	4.26E-12	8.24E-11	5.90E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-05	8.51E-03	3.38E+00	0.00E+00	3.72E-10	1.25E-08	1.99E-03	6.06E-06	4.51E-03	0.00E+00	3.38E+00	9.54E-09	3.38E+00	3.39E+00	4.51E-03	0.00E+00	0.00E+00	0.00E+00	9.20E-04
FZ912XE	7.56E-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-10	2.91E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-04	4.19E-02	1.66E+01	0.00E+00	1.83E-09	6.15E-08	9.80E-03	2.98E-05	2.22E-02	0.00E+00	1.66E+01	4.70E-08	1.66E+01	1.67E+01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	4.53E-03
FG22WD	8.18E-02	1.29E+01	0.00E+00	1.29E+01	0.00E+00	0.00E+00	8.46E+00	4.85E-06	3.83E-02	4.21E-01	0.00E+00	0.00E+00	2.27E-10	4.39E-09	3.15E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03	4.53E-01	1.80E+02	0.00E+00	1.98E-08	6.65E-07	1.06E-01	3.23E-04	2.40E-01	0.00E+00	1.80E+02	5.09E-07	1.80E+02	1.80E+02	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.91E-02
FG23WD	1.04E-01	1.64E+01	0.00E+00	1.64E+01	0.00E+00	0.00E+00	1.08E+01	6.17E-06	4.88E-02	5.36E-01	0.00E+00	0.00E+00	2.89E-10	5.59E-09	4.01E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03	5.77E-01	2.29E+02	0.00E+00	2.52E-08	8.47E-07	1.35E-01	4.11E-04	3.06E-01	0.00E+00	2.29E+02	6.47E-07	2.29E+02	2.30E+02	3.06E-01	0.00E+00	0.00E+00	0.00E+00	6.24E-02
FG24WD	1.40E-01	2.21E+01	0.00E+00	2.21E+01	0.00E+00	0.00E+00	1.45E+01	8.29E-06	6.56E-02	7.19E-01	0.00E+00	0.00E+00	3.88E-10	7.51E-09	5.38E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03	7.75E-01	3.08E+02	0.00E+00	3.39E-08	1.14E-06	1.81E-01	5.52E-04	4.11E-01	0.00E+00	3.08E+02	8.70E-07	3.08E+02	3.09E+02	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.39E-02
FG24XD	1.43E-01	2.26E+01	0.00E+00	2.26E+01	0.00E+00	0.00E+00	1.48E+01	8.48E-06	6.71E-02	7.37E-01	0.00E+00	0.00E+00	3.97E-10	7.69E-09	5.51E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03	7.94E-01	3.16E+02	0.00E+00	3.47E-08	1.16E-06	1.86E-01	5.65E-04	4.21E-01	0.00E+00	3.16E+02	8.90E-07	3.16E+02	3.16E+02	4.21E-01	0.00E+00	0.00E+00	0.00E+00	8.59E-02
FG25WD	1.52E-01	2.40E+01	0.00E+00	2.40E+01	0.00E+00	0.00E+00	1.57E+01	9.01E-06	7.13E-02	7.82E-01	0.00E+00	0.00E+00	4.22E-10	8.17E-09	5.85E-02	0.00E+00	0.00E+00	0.00E+00	2.12E-03	8.43E-01	3.35E+02	0.00E+00	3.68E-08	1.24E-06	1.97E-01	6.01E-04	4.47E-01	0.00E+00	3.35E+02	9.46E-07	3.35E+02	3.36E+02	4.47E-01	0.00E+00	0.00E+00	0.00E+00	9.12E-02
FG26WD	1.68E-01	2.65E+01	0.00E+00	2.65E+01	0.00E+00	0.00E+00	1.74E+01	9.94E-06	7.87E-02	8.63E-01	0.00E+00	0.00E+00	4.66E-10	9.01E-09	6.45E-02	0.00E+00	0.00E+00	0.00E+00	2.34E-03	9.30E-01	3.70E+02	0.00E+00	4.06E-08	1.36E-06	2.18E-01	6.62E-04	4.93E-01	0.00E+00	3.70E+02	1.04E-06	3.70E+02	3.70E+02	4.93E-01	0.00E+00	0.00E+00	0.00E+00	1.01E-01
FG26XD	1.90E-01	3.00E+01	0.00E+00	3.00E+01	0.00E+00	0.00E+00	1.97E+01	1.13E-05	8.91E-02	9.78E-01	0.00E+00	0.00E+00	5.28E-10	1.02E-08	7.31E-02	0.00E+00	0.00E+00	0.00E+00	2.65E-03	1.05E+00	4.19E+02	0.00E+00	4.60E-08	1.55E-06	2.47E-01	7.51E-04	5.59E-01	0.00E+00	4.19E+02	1.18E-06	4.19E+02	4.19E+02	5.59E-01	0.00E+00	0.00E+00	0.00E+00	1.14E-01
FL220Z	1.18E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.22E-02	7.01E-09	5.55E-05	6.09E-04	0.00E+00	0.00E+00	3.28E-13	6.35E-12	4.55E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.56E-04	2.61E-01	0.00E+00	2.87E-11	9.63E-10	1.54E-04	4.67E-07	3.48E-04	0.00E+00	2.61E-01	7.36E-10	2.61E-01	2.61E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.10E-05
FL53SPX01	3.69E-02	5.82E+00	0.00E+00	5.82E+00	0.00E+00	0.00E+00	3.82E+00	2.19E-06	1.73E-02	1.90E-01	0.00E+00	0.00E+00	1.02E-10	1.98E-09	1.42E-02	0.00E+00	0.00E+00	0.00E+00	5.15E-04	2.05E-01	8.13E+01	0.00E+00	8.94E-09	3.00E-07	4.79E-02	1.46E-04	1.09E-01	0.00E+00	8.13E+01	2.29E-07	8.13E+01	8.14E+01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.21E-02
FL73S	4.05E-02	6.39E+00	0.00E+00	6.39E+00	0.00E+00	0.00E+00	4.19E+00	2.40E-06	1.90E-02	2.08E-01	0.00E+00	0.00E+00	1.12E-10	2.17E-09	1.56E-02	0.00E+00	0.00E+00	0.00E+00	5.66E-04	2.25E-01	8.92E+01	0.00E+00	9.81E-09	3.29E-07	5.25E-02	1.60E-04	1.19E-01	0.00E+00	8.92E+01	2.52E-07	8.92E+01	8.94E+01	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.43E-02
FL73SP	4.12E-02	6.49E+00	0.00E+00	6.49E+00	0.00E+00	0.00E+00	4.26E+00	2.44E-06	1.93E-02	2.12E-01	0.00E+00	0.00E+00	1.14E-10	2.21E-09	1.58E-02	0.00E+00	0.00E+00	0.00E+00	5.75E-04	2.28E-01	9.07E+01	0.00E+00	9.97E-09	3.35E-07	5.34E-02	1.63E-04	1.21E-01	0.00E+00	9.07E+01	2.56E-07	9.07E+01	9.08E+01	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.47E-02
FL74SPX01	5.20E-02	8.20E+00	0.00E+00	8.20E+00	0.00E+00	0.00E+00	5.38E+00	3.08E-06	2.44E-02	2.67E-01	0.00E+00	0.00E+00	1.44E-10	2.79E-09	2.00E-02	0.00E+00	0.00E+00	0.00E+00	7.26E-04	2.88E-01	1.15E+02	0.00E+00	1.26E-08	4.23E-07	6.74E-02	2.05E-04	1.53E-01	0.00E+00	1.15E+02	3.23E-07	1.15E+02	1.15E+02	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.12E-02
FP03SN2	3.89E-02	6.14E+00	0.00E+00	6.14E+00	0.00E+00	0.00E+00	4.03E+00	2.31E-06	1.82E-02	2.00E-01	0.00E+00	0.00E+00	1.08E-10	2.09E-09	1.50E-02	0.00E+00	0.00E+00	0.00E+00	5.44E-04	2.16E-01	8.58E+01	0.00E+00	9.42E-09	3.17E-07	5.05E-02	1.54E-04	1.14E-01	0.00E+00	8.58E+01	2.42E-07	8.58E+01	8.59E+01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.33E-02
FP04SN2	4.68E-02	7.38E+00	0.00E+00	7.38E+00	0.00E+00	0.00E+00	4.84E+00	2.77E-06	2.19E-02	2.41E-01	0.00E+00	0.00E+00	1.30E-10	2.51E-09	1.80E-02	0.00E+00	0.00E+00	0.00E+00	6.54E-04	2.59E-01	1.03E+02	0.00E+00	1.13E-08	3.81E-07	6.07E-02	1.85E-04	1.38E-01	0.00E+00	1.03E+02	2.91E-07	1.03E+02	1.03E+02	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.81E-02
FP05SN2	5.64E-02	8.89E+00	0.00E+00	8.89E+00	0.00E+00	0.00E+00	5.83E+00	3.34E-06	2.64E-02	2.90E-01	0.00E+00	0.00E+00	1.56E-10	3.03E-09	2.17E-02	0.00E+00	0.00E+00	0.00E+00	7.87E-04	3.12E-01	1.24E+02	0.00E+00	1.36E-08	4.58E-07	7.31E-02	2.23E-04	1.66E-01	0.00E+00	1.24E+02	3.50E-07	1.24E+02	1.24E+02	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.38E-02
FP22TN2	3.80E-02	6.00E+00	0.00E+00	6.00E+00	0.00E+00	0.00E+00	3.93E+00	2.25E-06	1.78E-02	1.96E-01	0.00E+00	0.00E+00	1.06E-10	2.04E-09	1.46E-02	0.00E+00	0.00E+00	0.00E+00	5.31E-04	2.11E-01	8.38E+01	0.00E+00	9.21E-09	3.09E-07	4.93E-02	1.50E-04	1.12E-01	0.00E+00	8.38E+01	2.36E-07	8.38E+01	8.39E+01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.28E-02
FP23SN2	4.92E-02	7.75E+00	0.00E+00	7.75E+00	0.00E+00	0.00E+00	5.09E+00	2.91E-06	2.30E-02	2.53E-01	0.00E+00	0.00E+00	1.36E-10	2.64E-09	1.89E-02	0.00E+00	0.00E+00	0.00E+00	6.86E-04	2.73E-01	1.08E+02	0.00E+00	1.19E-08	4.00E-07	6.38E-02	1.94E-04	1.45E-01	0.00E+00	1.08E+02	3.06E-07	1.08E+02	1.08E+02	1.45E-01	0.00E+00	0.00E+00	0.00E+00	2.95E-02

FP23TN2	5.16E-02	8.14E+00	0.00E+00	8.14E+00	0.00E+00	0.00E+00	5.34E+00	3.06E-06	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	2.86E-01	1.14E+02	0.00E+00	1.25E-08	4.20E-07	6.70E-02	2.04E-04	1.52E-01	0.00E+00	1.14E+02	3.21E-07	1.14E+02	1.14E+02	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.10E-02
FP24S1N	3.87E-02	6.11E+00	0.00E+00	6.11E+00	0.00E+00	0.00E+00	4.01E+00	2.29E-06	1.82E-02	1.99E-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	8.53E+01	0.00E+00	9.38E-09	3.15E-07	5.02E-02	1.53E-04	1.14E-01	0.00E+00	8.53E+01	2.41E-07	8.53E+01	8.54E+01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.32E-02
FP24SN2	5.98E-02	9.44E+00	0.00E+00	9.44E+00	0.00E+00	0.00E+00	6.19E+00	3.54E-06	2.81E-02	3.08E-01	0.00E+00	0.00E+00	1.66E-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	4.87E-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	3.59E-02
FP24TN2	6.14E-02	9.68E+00	0.00E+00	9.68E+00	0.00E+00	0.00E+00	6.35E+00	3.64E-06	2.88E-02	3.16E-01	0.00E+00	0.00E+00	1.70E-10	3.30E-09	2.36E-02	0.00E+00	0.00E+00	0.00E+00	8.57E-04	3.40E-01	1.35E+02	0.00E+00	1.49E-08	4.99E-07	7.97E-02	2.42E-04	1.81E-01	0.00E+00	1.35E+02	3.82E-07	1.35E+02	1.35E+02	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.68E-02
FP25TN2	6.89E-02	1.09E+01	0.00E+00	1.09E+01	0.00E+00	0.00E+00	7.12E+00	4.08E-06	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	9.62E-04	3.82E-01	1.52E+02	0.00E+00	1.67E-08	5.60E-07	8.93E-02	2.72E-04	2.02E-01	0.00E+00	1.52E+02	4.28E-07	1.52E+02	1.52E+02	2.02E-01	0.00E+00	0.00E+00	0.00E+00	4.13E-02
FP42QT	1.28E-02	2.01E+00	0.00E+00	2.01E+00	0.00E+00	0.00E+00	1.32E+00	7.56E-07	5.99E-03	6.57E-02	0.00E+00	0.00E+00	3.54E-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	3.09E-09	1.04E-07	1.66E-02	5.04E-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	7.66E-03
FP62QS	1.82E-02	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	1.88E+00	1.08E-06	8.51E-03	9.33E-02	0.00E+00	0.00E+00	5.04E-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	4.39E-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	1.09E-02
FP63QS	2.41E-02	3.80E+00	0.00E+00	3.80E+00	0.00E+00	0.00E+00	2.49E+00	1.43E-06	1.13E-02	1.24E-01	0.00E+00	0.00E+00	6.69E-11	1.29E-09	9.28E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04	1.34E-01	5.31E+01	0.00E+00	5.84E-09	1.96E-07	3.13E-02	9.52E-05	7.09E-02	0.00E+00	5.31E+01	1.50E-07	5.31E+01	5.32E+01	7.09E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-02
FP64QS	3.00E-02	4.73E+00	0.00E+00	4.73E+00	0.00E+00	0.00E+00	3.10E+00	1.78E-06	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	4.19E-04	1.66E-01	6.61E+01	0.00E+00	7.26E-09	2.44E-07	3.89E-02	1.18E-04	8.82E-02	0.00E+00	6.61E+01	1.87E-07	6.61E+01	6.62E+01	8.82E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-02
FP72QS	2.05E-02	3.23E+00	0.00E+00	3.23E+00	0.00E+00	0.00E+00	2.12E+00	1.21E-06	9.61E-03	1.05E-01	0.00E+00	0.00E+00	5.69E-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	2.66E-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-02
FP72SN2	2.11E-02	3.32E+00	0.00E+00	3.32E+00	0.00E+00	0.00E+00	2.18E+00	1.25E-06	9.88E-03	1.08E-01	0.00E+00	0.00E+00	5.85E-11	1.13E-09	8.10E-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-02
FP73SN2	2.72E-02	4.29E+00	0.00E+00	4.29E+00	0.00E+00	0.00E+00	2.82E+00	1.61E-06	1.28E-02	1.40E-01	0.00E+00	0.00E+00	7.56E-11	1.46E-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	6.59E-09	2.21E-07	3.53E-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-02
FP74QS	3.38E-02	5.32E+00	0.00E+00	5.32E+00	0.00E+00	0.00E+00	3.49E+00	2.00E-06	1.58E-02	1.74E-01	0.00E+00	0.00E+00	9.37E-11	1.81E-09	1.30E-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	2.75E-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-02
FP74QT	3.28E-02	5.18E+00	0.00E+00	5.18E+00	0.00E+00	0.00E+00	3.40E+00	1.95E-06	1.54E-02	1.69E-01	0.00E+00	0.00E+00	9.11E-11	1.76E-09	1.26E-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	9.66E-02	0.00E+00	7.24E+01	2.04E-07	7.24E+01	7.25E+01	9.66E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-02
FP82QS	2.29E-02	3.61E+00	0.00E+00	3.61E+00	0.00E+00	0.00E+00	2.37E+00	1.36E-06	1.07E-02	1.18E-01	0.00E+00	0.00E+00	6.36E-11	1.23E-09	8.82E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04	1.27E-01	5.05E+01	0.00E+00	5.55E-09	1.86E-07	2.97E-02	9.05E-05	6.74E-02	0.00E+00	5.05E+01	1.42E-07	5.05E+01	5.06E+01	6.74E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-02
FP82SN2	2.32E-02	3.65E+00	0.00E+00	3.65E+00	0.00E+00	0.00E+00	2.40E+00	1.37E-06	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	3.23E-04	1.28E-01	5.10E+01	0.00E+00	5.61E-09	1.88E-07	3.00E-02	9.14E-05	6.81E-02	0.00E+00	5.10E+01	1.44E-07	5.10E+01	5.11E+01	6.81E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-02
FP83QT	2.92E-02	4.61E+00	0.00E+00	4.61E+00	0.00E+00	0.00E+00	3.02E+00	1.73E-06	1.37E-02	1.50E-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	4.08E-04	1.62E-01	6.43E+01	0.00E+00	7.07E-09	2.38E-07	3.79E-02	1.15E-04	8.58E-02	0.00E+00	6.43E+01	1.82E-07	6.43E+01	6.44E+01	8.58E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-02
FP83SN2	3.01E-02	4.75E+00	0.00E+00	4.75E+00	0.00E+00	0.00E+00	3.12E+00	1.78E-06	1.41E-02	1.55E-01	0.00E+00	0.00E+00	8.36E-11	1.62E-09	1.16E-02	0.00E+00	0.00E+00	0.00E+00	4.21E-04	1.67E-01	6.64E+01	0.00E+00	7.29E-09	2.45E-07	3.91E-02	1.19E-04	8.85E-02	0.00E+00	6.64E+01	1.87E-07	6.64E+01	6.64E+01	8.85E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-02
FP83TN2	2.96E-02	4.66E+00	0.00E+00	4.66E+00	0.00E+00	0.00E+00	3.06E+00	1.75E-06	1.39E-02	1.52E-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	4.13E-04	1.64E-01	6.51E+01	0.00E+00	7.16E-09	2.40E-07	3.83E-02	1.17E-04	8.69E-02	0.00E+00	6.51E+01	1.84E-07	6.51E+01	6.52E+01	8.69E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-02
FP84QT	3.65E-02	5.75E+00	0.00E+00	5.75E+00	0.00E+00	0.00E+00	3.77E+00	2.16E-06	1.71E-02	1.88E-01	0.00E+00	0.00E+00	1.01E-10	1.96E-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-02
FP84SN2	3.78E-02	5.96E+00	0.00E+00	5.96E+00	0.00E+00	0.00E+00	3.91E+00	2.24E-06	1.77E-02	1.94E-01	0.00E+00	0.00E+00	1.05E-10	2.03E-09	1.45E-02	0.00E+00	0.00E+00	0.00E+00	5.28E-04	2.09E-01	8.32E+01	0.00E+00	9.15E-09	3.07E-07	4.90E-02	1.49E-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-02
FP92QS	2.55E-02	4.02E+00	0.00E+00	4.02E+00	0.00E+00	0.00E+00	2.64E+00	1.51E-06	1.19E-02	1.31E-01	0.00E+00	0.00E+00	7.07E-11	1.37E-09	9.80E-03	0.00E+00	0.00E+00	0.00E+00	3.56E-04	1.41E-01	5.61E+01	0.00E+00	6.17E-09	2.07E-07	3.31E-02	1.01E-04	7.49E-02	0.00E+00	5.61E+01	1.58E-07	5.61E+01	5.62E+01	7.49E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-02
FP92SN2	2.54E-02	4.00E+00	0.00E+00	4.00E+00	0.00E+00	0.00E+00	2.62E+00	1.50E-06	1.19E-02	1.30E-01	0.00E+00	0.00E+00	7.04E-11	1.36E-09	9.76E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04	1.41E-01	5.59E+01	0.00E+00	6.14E-09	2.06E-07	3.29E-02	1.00E-04	7.46E-02	0.00E+00	5.59E+01	1.58E-07	5.59E+01	5.60E+01	7.46E-02	0.00E+00	0.00E+00	0.00E+00	1.52E-02
FP93QS	3.34E-02	5.26E+00	0.00E+00	5.26E+00	0.00E+00	0.00E+00	3.45E+00	1.98E-06	1.56E-02	1.72E-01	0.00E+00	0.00E+00	9.26E-11	1.79E-09	1.28E-02	0.00E+00	0.00E+00	0.00E+00	4.66E-04	1.85E-01	7.35E+01	0.00E+00	8.08E-09	2.71E-07	4.33E-02	1.32E-04	9.81E-02	0.00E+00	7.35E+01	2.07E-07	7.35E+01	7.36E+01	9.81E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-02
FP93SN2	3.29E-02	5.19E+00	0.00E+00	5.19E+00	0.00E+00	0.00E+00	3.40E+00	1.95E-06	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	7.25E+01	0.00E+00	7.97E-09	2.68E-07	4.27E-02	1.30E-04	9.67E-02	0.00E+00	7.25E+01	2.05E-07	7.25E+01	7.26E+01	9.67E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-02
FP94QS	4.12E-02	6.49E+00	0.00E+00	6.49E+00	0.00E+00	0.00E+00	4.26E+00	2.44E-06	1.93E-02	2.12E-01	0.00E+00	0.00E+00	1.14E-10	2.21E-09	1.58E-02	0.00E+00	0.00E+00	0.00E+00	5.75E-04	2.28E-01	9.07E+01	0.00E+00	9.97E-09	3.35E-07	5.34E-02	1.63E-04	1.21E-01	0.00E+00	9.07E+01	2.56E-07	9.07E+01	9.08E+01	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.47E-02
FP94SN2	4.11E-02	6.47E+00	0.00E+00	6.47E+00	0.00E+00	0.00E+00	4.25E+00	2.43E-06	1.92E-02	2.11E-01	0.00E+00	0.00E+00	1.14E-10	2.20E-09	1.58E-02	0.00E+00	0.00E+00	0.00E+00	5.73E-04	2.28E-01	9.05E+01	0.00E+00	9.94E-09	3.34E-07	5.33E-02	1.62E-04	1.21E-01	0.00E+00	9.05E+01	2.55E-07	9.05E+01	9.06E+01	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.46E-02
FP95SN2	4.90E-02	7.73E+00	0.00E+00	7.73E+00	0.00E+00	0.00E+00	5.07E+00	2.90E-06	2.30E-02	2.52E-01	0.00E+00	0.00E+00	1.36E-10	2.63E-09	1.89E-02	0.00E+00	0.00E+00	0.00E+00	6.84E-04	2.72E-01	1.08E+02	0.00E+00	1.19E-08	3.99E-07	6.36E-02	1.94E-04	1.44E-01	0.00E+00	1.08E+02	3.05E-07	1.08E+02	1.08E+02	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.94E-02
FR22E1	6.47E-02	1.02E+01	0.00E+00	1.02E+01	0.00E+00	0.00E+00	6.69E+00	3.83E-06	3.03E-02	3.33E-01	0.00E+00	0.00E+00	1.79E-10	3.47E-09	2.49E-02	0.00E+00	0.00E+00	0.00E+00	9.03E-04	3.58E-01	1.42E+02	0.00E+00	1.57E-08	5.26E-07	8.39E-02	2.55E-04	1.90E-01	0.00E+00	1.42E+02	4.02E-07	1.42E+02	1.43E+02	1.90E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-02
FR22E2	7.02E-02	1.11E+01	0.00E+00	1.11E+01	0.00E+00	0.00E+00	7.27E+00	4.16E-06	3.29E-02	3.61E-01	0.00E+00	0.00E+00	1.95E-10	3.77E-09	2.70E-02	0.00E+00	0.00E+00	0.00E+00	9.81E-04	3.89E-01	1.55E+02	0.00E+00	1.70E-08	5.71E-07	9.11E-02	2.77E-04	2.06E-01	0.00E+00	1.55E+02	4.37E-07	1.55E+02	1.55E+02	2.06E-01	0.00E+00	0.00E+00	0.00E+00	4.21E-02
FR22G1	7.53E-02	1.19E+01	0.00E+00	1.19E+01	0.00E+00	0.00E+00	7.79E+00	4.46E-06	3.53E-02	3.87E-01	0.00E+00	0.00E+00	2.09E-10	4.04E-09	2.90E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.17E-01	1.66E+02	0.00E+00	1.82E-08	6.12E-07	9.77E-02	2.97E-04	2.21E-01	0.00E+00	1.66E+02	4.68E-07	1.66E+02	1.66E+02	2.21E-01	0.00E+00	0.00E+00	0.00E+00	4.52E-02
FR22H2	8.40E-02	1.32E+01	0.00E+00	1.32E+01	0.00E+00	0.00E+00	8.69E+00	4.98E-06	3.94E-02	4.32E-01	0.00E+00	0.00E+00	2.33E-10	4.51E-09	3.23E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03	4.66E-01	1.85E+02	0.00E+00	2.03E-08	6.83E-07	1.09E-01	3.32E-04	2.47E-01	0.00E+00	1.85E+02	5.22E-07	1.85E+02	1.85E+02	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.04E-02
FR22S1	6.83E-02	1.01E+01	0.00E+00	1.01E+01	0.00E+00	0.00E+00	6.63E+00	3.80E-06	3.01E-02	3.30E-01	0.00E+00	0.00E+00	1.78E-10	3.44E-09	2.47E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04	3.55E-01	1.41E+02	0.00E+00	1.55E-08	5.21E-07	8.32E-02	2.53E-04	1.88E-01	0.00E+00	1.41E+02	3.99E-07	1.41E+02	1.41E+02	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.84E-02
FR22S2	7.13E-02	1.12E+01	0.00E+00	1.12E+01	0.00E+00	0.00E+00	7.37E+00	4.22E-06	3.34E-02	3.66E-01	0.00E+00	0.00E+00	1.98E-10	3.82E-09	2.74E-02	0.00E+00	0.00E+00	0.00E+00	9.95E-04	3.95E-01	1.57E+02	0.00E+00	1.72E-08	5.79E-07	9.24E-02	2.81E-04	2.09E-01	0.00E+00	1.57E+02	4.43E-07	1.57E+02	1.57E+02	2.09E-01	0.00E+00	0.00E+00	0.00E+00	4.27E-02
FR23E1	8.78E-02	1.30E+01	0.00E+00	1.30E+01	0.00E+00	0.00E+00	8.52E+00	4.88E-06	3.86E-02	4.24E-01	0.00E+00	0.00E+00	2.29E-10	4.42E-09	3.17E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03	4.57E-01	1.81E+02	0.00E+00	1.99E-08	6.70E-07	1.07E-01	3.25E-04	2.42E-01	0.00E+00	1.81E+02	5.12E-07	1.81E+02	1.82E+02	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.94E-02
FR23E2	8.79E-02	1.39E+01	0.00E+00	1.39E+01	0.00E+00	0.00E+00	9.09E+00	5.20E-06	4.12E-02	4.52E-01	0.00E+00	0.00E+00	2.44E-10	4.72E-09	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-03	4.87E-01	1.94E+02	0.00E+00	2.13E-08	7.15E-07	1.14E-01	3.47E-04	2.58E-01	0.00E+00	1.94E+02	5.46E-07	1.94E+02	1.94E+02	2.58E-01	0.00E+00	0.00E+00	0.00E+00	5.27E-02
FR23G1	1.01E-01	1.49E+01	0.00E+00	1.49E+01	0.00E+00	0.00E+00	9.76E+00	5.59E-06	4.42E-02	4.85E-01	0.00E+00	0.00E+00	2.62E-10	5.07E-09	3.63E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03	5.23E-01	2.08E+02	0.00E+00	2.28E-08	7.67E-07	1.22E-01	3.72E-04	2.77E-01	0.00E+00	2.08E+02	5.87E-07	2.08E+02	2.08E+02	2.77E-01	0.00E+00	0.00E+00	0.00E+00	5.66E-02
FR23G2	1.02E-01	1.62E+01	0.00E+00	1.62E+01	0.00E+00	0.00E+00	1.06E+01	6.07E-06	4.80E-02	5.27E-01	0.00E+00	0.00E+00	2.84E-10	5.50E-09	3.94E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03	5.68E-01	2.26E+02	0.00E+00	2.48E-08	8.34E-07	1.33E-01	4.05E-04	3.01E-01	0.00E+00	2.26E+02	6.37E-07	2.26E+02	2.26E+02	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.15E-02
FR23H1	9.60E-02	1.51E+01	0.00E+00	1.51E+01	0.00E+00	0.00E+00	9.93E+00	5.69E-06	4.50E-02	4.94E-01	0.00E+00	0.00E+00	2.66E-10	5.16E-09	3.69E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03	5.32E-01	2.12E+02	0.00E+00	2.32E-08	7.81E-07	1.25E-01	3.79E-04	2.82E-01	0.00E+00	2.12E+02	5.97E-07	2.12E+02	2.12E+02	2.82E-01	0.00E+00	0.00E+00	0.00E+00	5.76E-02
FR23H2	1.05E-01	1.65E+01	0.00E+00	1.65E+01	0.00E+00	0.00E+00	1.08E+01	6.21E-06	4.91E-02	5.39E-01	0.00E+00	0.00E+00	2.91E-10	5.63E-09	4.03E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03	5.81E-01	2.31E+02	0.00E+00	2.54E-08	8.53E-07	1.36E-01	4.14E-04	3.08E-01	0.00E+00	2.31E+02	6.52E-07	2.31E+02	2.31E+02	3.08E-01	0.00E+00	0.00E+00	0.00E+00	6.29E-02
FR23S1	8.27E-02	1.30E+01	0.00E+00	1.30E+01	0.00E+00	0.00E+00	8.55E+00	4.90E-06	3.87E-02	4.25E-01	0.00E+00	0.00E+00	2.29E-10	4.44E-09	3.18E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03	4.58E-01	1.82E+02	0.00E+00	2.00E-08	6.72E-07	1.07E-01	3.26E-04	2.43E-01	0.00E+00	1.82E+02	5.14E-07	1.82E+02	1.82E+02	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.96E-02
FR23S2	8.65E-02	1.36E+01	0.00E+00	1.36E+01	0.00E+00	0.00E+00	8.94E+00	5.12E-06	4.05E-02	4.45E-01	0.00E+00	0.00E+00	2.40E-10	4.64E-09	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03	4.79E-01	1.90E+02	0.00E+00	2.09E-08	7.03E-07	1.12E-01	3.41E-04	2.54E-01	0.00E+00	1.90E+02	5.37E-07	1.90E+02	1.91E+02	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.18E-02
FR24E1	1.01E-01	1.59E+01	0.00E+00	1.59E+01	0.00E+00	0.00E+00	1.04E+01	5.97E-06	4.72E-02	5.18E-01	0.00E+00	0.00E+00	2.79E-10	5.41E-09	3.87E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03	5.58E-01	2.22E+02	0.00E+00	2.44E-08	8.19E-07	1.31E-01	3.98E-04	2.96E-01	0.00E+00	2.22E+02	6.26E-07	2.22E+02	2.22E+02	2.96E-01	0.00E+00	0.00E+00	0.00E+00	6.04E-02
FR24E2	1.05E-01	1.66E+01	0.00E+00	1.66E+01	0.00E+00	0.00E+00	1.09E+01	6.25E-06	4.94E-02	5.42E-01	0.00E+00	0.00E+00	2.93E-10	5.66E-09	4.06E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03	5.84E-01	2.32E+02	0.00E+00	2.55E-08	8.58E-07	1.37E-01	4.16E-04	3.10E-01	0.00E+00	2.32E+02	6.55E-07	2.32E+02	2.33E+02	3.10E-01	0.00E+00	0.00E+00	0.00E+00	6.32E-02
FR24G1	1.15E-01	1.82E+01	0.00E+00	1.82E+01	0.00E+00	0.00E+00	1.19E+01	6.84E-06	5.41E-02	5.94E-01	0.00E+00	0.00E+00	3.20E-10	6.20E-09	4.44E-02	0.00E+00	0.00E+00	0.00E+00	1.61E-03	6.40E-01	2.54E+02	0.00E+00	2.79E-08	9.39E-07	1.50E-01	4.56E-04	3.39E-01	0.00E+00	2.54E+02	7.18E-07	2.54E+02	2.55E+02	3.39E-01	0.00E+00	0.00E+00	0.00E+00	6.92E-02
FR24G2	1.25E-01	1.97E+01	0.00E+00	1.97E+01	0.00E+00	0.00E+00	1.29E+01	7.41E-06	5.87E-02	6.44E-01	0.00E+00	0.00E+00	3.47E-10	6.72E-09	4.81E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-03	6.94E-01	2.76E+02	0.00E+00	3.03E-08	1.02E-06	1.62E-01	4.94E-04	3.68E-01	0.00E+00	2.76E+02	7.78E-07	2.76E+02	2.76E+02	3.68E-01	0.00E+00	0.00E+00	0.00E+00	7.51E-02
FR24H1	1.22E-01	1.81E+01	0.00E+00	1.81E+01	0.00E+00	0.00E+00	1.19E+01	6.80E-06	5.39E-02	5.91E-01	0.00E+00	0.00E+00	3.19E-10	6.17E-09	4.42E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03	6.37E-01	2.53E+02	0.00E+00	2.78E-08	9.34E-07	1.49E-01	4.54E-04	3.38E-01	0.00E+00	2.53E+02	7.14E-07	2.53E+02	2.53E+02	3.38E-01	0.00E+00	0.00E+00	0.00E+00	6.89E-02
FR24H2	1.28E-01	2.02E+01	0.00E+00	2.02E+01	0.00E+00	0.00E+00	1.32E+01	7.58E-06	6.00E-02	6.58E-01	0.00E+00	0.00E+00	3.55E-10	6.87E-09	4.92E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03	7.10E-01	2.82E+02	0.00E+00	3.10E-08	1.04E-06	1.66E-01	5.05E-04	3.76E-01	0.00E+00	2.82E+02	7.96E-07	2.82E+02	2.82E+02	3.76E-01	0.00E+00	0.00E+00	0.00E+00	7.68E-02
FR24S1	1.03E-01	1.62E+01	0.00E+00	1.62E+01	0.00E+00	0.00E+00	1.07E+01	6.10E-06	4.83E-02	5.30E-01	0.00E+00	0.00E+00	2.86E-10	5.53E-09	3.96E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-03	5.71E-01	2.27E+02	0.00E+00	2.49E-08	8.38E-07	1.34E-01	4.07E-04	3.03E-01	0.00E+00	2.27E+02	6.40E-07	2.27E+02	2.27E+02	3.03E-01	0.00E+00	0.00E+00	0.00E+00	6.18E-02
FR24S2	1.08E-01	1.70E+01	0.00E+00	1.70E+01	0.00E+00	0.00E+00	1.11E+01	6.38E-06	5.05E-02	5.54E-01	0.00E+00	0.00E+00	2.99E-10	5.78E-09	4.14E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03	5.97E-01	2.37E+02	0.00E+00	2.61E-08	8.76E-07	1.40E-01	4.25E-04	3.17E-01	0.00E+00	2.37E+02	6.69E-07	2.37E+02	2.38E+02	3.17E-01	0.00E+00	0.00E+00	0.00E+00	6.46E-02
FR25E1	1.26E-01	1.87E+01	0.00E+00	1.87E+01	0.00E+00	0.00E+00	1.22E+01	7.01E-06	5.55E-02	6.08E-01	0.00E+00	0.00E+00	3.28E-10	6.35E-09	4.55E-02	0.00E+00	0.00E+00	0.00E+00	1.65E-03	6.56E-01	2.61E+02	0.00E+00	2.86E-08	9.62E-07	1.53E-01	4.67E-04	3.48E-01	0.00E+00	2.61E+02	7.35E-07	2.61E+02	2.61E+02	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.09E-02
FR25E2	1.23E-01	1.94E+01	0.00E+00	1.94E+01	0.00E+00	0.00E+00	1.27E+01	7.27E-06	5.75E-02	6.31E-01	0.00E+00	0.00E+00	3.41E-10	6.59E-09	4.72E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-03	6.80E-01	2.70E+02	0.00E+00	2.97E-08	9.98E-07	1.59E-01	4.85E-04	3.61E-01	0.00E+00	2.70E+02	7.63E-07	2.70E+02	2.71E+02	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.36E-02
FR25G1	1.34E-01	2.11E+01	0.00E+00	2.11E+01	0.00E+00	0.00E+00	1.38E+01	7.93E-06	6.27E-02	6.88E-01	0.00E+00	0.00E+00	3.71E-10	7.19E-09	5.15E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-03	7.42E-01	2.95E+02	0.00E+00	3.24E-08	1.09E-06	1.74E-01	5.28E-04	3.93E-01	0.00E+00	2.95E+02	8.32E-07	2.95E+02	2.95E+02	3.93E-01	0.00E+00	0.00E+00	0.00E+00	8.03E-02
FR25G2	1.43E-01	2.26E+01	0.00E+00	2.26E+01	0.00E+00	0.00E+00	1.48E+01	8.49E-06	6.72E-02	7.37E-01	0.00E+00	0.00E+00	3.98E-10	7.70E-09	5.51E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03	7.95E-01	3.16E+02	0.00E+00	3.47E-08	1.17E-06	1.86E-01	5.66E-04	4.21E-01	0.00E+00	3.16E+02	8.91E-07	3.16E+02	3.16E+02	4.21E-01	0.00E+00	0.00E+00	0.00E+00	8.60E-02
FR25H2	1.43E-01	2.26E+01	0.00E+00	2.26E+01	0.00E+00	0.00E+00	1.48E+01	8.49E-06	6.72E-02	7.37E-01	0.00E+00	0.00E+00	3.98E-10	7.70E-09	5.51E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03	7.95E-01	3.16E+02	0.00E+00	3.47E-08	1.17E-06	1.86E-01	5.66E-04	4.21E-01	0.00E+00	3.16E+02	8.91E-07	3.16E+02	3.16E+02	4.21E-01	0.00E+00	0.00E+00	0.00E+00	8.60E-02
FR25S1	1.19E-01	1.88E+01	0.00E+00	1.88E+01	0.00E+00	0.00E+00	1.24E+01	7.07E-06	5.60E-02	6.14E-01	0.00E+00	0.00E+00	3.31E-10	6.41E-09	4.59E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03	6.62E-01	2.63E+02	0.00E+00	2.89E-08	9.71E-07	1.55E-01	4.71E-04	3.51E-01	0.00E+00	2.63E+02	7.42E-07	2.63E+02	2.63E+02	3.51E-01	0.00E+00	0.00E+00	0.00E+00	7.16E-02
FR25S2	1.30E-01	2.05E+01	0.00E+00	2.05E+01	0.00E+00	0.00E+00	1.35E+01	7.70E-06	6.10E-02	6.69E-01	0.00E+00	0.00E+00	3.61E-10	6.98E-09	5.00E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03	7.21E-01	2.87E+02	0.00E+00	3.15E-08	1.06E-06	1.69E-01	5.13E-04	3.82E-01	0.00E+00	2.87E+02	8.09E-07	2.87E+02	2.87E+02	3.82E-01	0.00E+00	0.00E+00	0.00E+00	7.80E-02
FR26G1	1.66E-01	2.46E+01	0.00E+00	2.46E+01	0.00E+00	0.00E+00	1.61E+01	9.24E-06	7.31E-02	8.02E-01	0.00E+00	0.00E+00	4.33E-10	8.37E-09	6.00E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03	8.65E-01	3.44E+02	0.00E+00	3.78E-08	1.27E-06	2.02E-01	6.16E-04	4.59E-01	0.00E+00	3.44E+02	9.70E-07	3.44E+02	3.44E+02	4.59E-01	0.00E+00	0.00E+00	0.00E+00	9.35E-02
FR26G2	1.59E-01	2.50E+01	0.00E+00	2.50E+01	0.00E+00	0.00E+00	1.64E+01	9.39E-06	7.43E-02	8.15E-01	0.00E+00	0.00E+00	4.40E-10	8.51E-09	6.10E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03	8.79E-01	3.49E+02	0.00E+00	3.84E-08	1.29E-06	2.06E-01	6.26E-04	4.66E-01	0.00E+00	3.49E+02	9.85E-07	3.49E+02	3.50E+02	4.66E-01	0.00E+00	0.00E+00	0.00E+00	9.51E-02
FR26H2	1.59E-01	2.50E+01	0.00E+00	2.50E+01	0.00E+00	0.00E+00	1.64E+01	9.39E-06	7.43E-02	8.15E-01	0.00E+00	0.00E+00	4.40E-10	8.51E-09	6.10E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03	8.79E-01	3.49E+02	0.00E+00	3.84E-08	1.29E-06	2.06E-01	6.26E-04	4.66E-01	0.00E+00	3.49E+02	9.85E-07	3.49E+02	3.50E+02	4.66E-01	0.00E+00	0.00E+00	0.00E+00	9.51E-02
FR26S1	1.42E-01	2.10E+01	0.00E+00	2.10E+01	0.00E+00	0.00E+00	1.38E+01	7.88E-06	6.24E-02	6.84E-01	0.00E+00	0.00E+00	3.69E-10	7.14E-09	5.12E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03	7.38E-01	2.93E+02	0.00E+00	3.22E-08	1.08E-06	1.73E-01	5.25E-04	3.91E-01	0.00E+00	2.93E+02	8.27E-07	2.93E+02	2.94E+02	3.91E-01	0.00E+00	0.00E+00	0.00E+00	7.98E-02
FR26S2	1.47E-01	2.32E+01	0.00E+00	2.32E+01	0.00E+00	0.00E+00	1.52E+01	8.71E-06	6.90E-02	7.57E-01	0.00E+00	0.00E+00	4.08E-10	7.90E-09	5.66E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03	8.16E-01	3.24E+02	0.00E+00	3.56E-08	1.20E-06	1.91E-01	5.81E-04	4.32E-01	0.00E+00	3.24E+02	9.15E-07	3.24E+02	3.25E+02	4.32E-01	0.00E+00	0.00E+00	0.00E+00	8.82E-02
FR42E	2.84E-02	4.48E+00	0.00E+00	4.48E+00	0.00E+00	0.00E+00	2.94E+00	1.68E-06	1.33E-02	1.46E-01	0.00E+00	0.00E+00	7.88E-11	1.52E-09	1.09E-02	0.00E+00	0.00E+00	0.00E+00	3.96E-04	1.57E-01	6.26E+01	0.00E+00	6.87E-09	2.31E-07	3.68E-02	1.12E-04	8.35E-02	0.00E+00	6.26E+01	1.77E-07	6.26E+01	6.26E+01	8.35E-02	0.00E+00	0.00E+00	0.00E+00	1.70E-02
FR52E	3.27E-02	5.16E+00	0.00E+00	5.16E+00	0.00E+00	0.00E+00	3.38E+00	1.94E-06	1.53E-02	1.68E-01	0.00E+00	0.00E+00	9.08E-11	1.76E-09	1.26E-02	0.00E+00	0.00E+00	0.00E+00	4.57E-04	1.81E-01	7.21E+01	0.00E+00	7.92E-09	2.66E-07	4.24E-02	1.29E-04	9.62E-02	0.00E+00	7.21E+01	2.03E-07	7.21E+01	7.22E+01	9.62E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-02
FR62E	3.64E-02	5.74E+00	0.00E+00	5.74E+00	0.00E+00	0.00E+00	3.76E+00	2.15E-06	1.71E-02	1.87E-01	0.00E+00	0.00E+00	1.01E-10	1.95E-09	1.40E-02	0.00E+00	0.00E+00	0.00E+00	5.08E-04	2.02E-01	8.01E+01	0.00E+00	8.81E-09	2.96E-07	4.72E-02	1.44E-04	1.07E-01	0.00E+00	8.01E+01	2.26E-07	8.01E+01	8.02E+01	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.18E-02
FR63E	4.66E-02	7.34E+00	0.00E+00	7.34E+00	0.00E+00	0.00E+00	4.81E+00	2.76E-06	2.18E-02	2.39E-01	0.00E+00	0.00E+00	1.29E-10	2.50E-09	1.79E-02	0.00E+00	0.00E+00	0.00E+00	6.50E-04	2.58E-01	1.03E+02	0.00E+00	1.13E-08	3.79E-07	6.04E-02	1.84E-04	1.37E-01	0.00E+00	1.03E+02	2.89E-07	1.03E+02	1.03E+02	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.79E-02
FR72E	4.03E-02	6.35E+00	0.00E+00	6.35E+00	0.00E+00	0.00E+00	4.17E+00	2.39E-06	1.89E-02	2.07E-01	0.00E+00	0.00E+00	1.12E-10	2.16E-09	1.55E-02	0.00E+00	0.00E+00	0.00E+00	5.62E-04	2.23E-01	8.87E+01	0.00E+00	9.75E-09	3.28E-07	5.22E-02	1.59E-04	1.18E-01	0.00E+00	8.87E+01	2.50E-07	8.87E+01	8.88E+01	1.18E-01	0.00E+00	0.00E+00	0.00E+00	2.41E-02
FR73E	5.13E-02	8.08E+00	0.00E+00	8.08E+00	0.00E+00	0.00E+00	5.30E+00	3.04E-06	2.40E-02	2.64E-01	0.00E+00	0.00E+00	1.42E-10	2.75E-09	1.97E-02	0.00E+00	0.00E+00	0.00E+00	7.16E-04	2.84E-01	1.13E+02	0.00E+00	1.24E-08	4.17E-07	6.65E-02	2.02E-04	1.51E-01	0.00E+00	1.13E+02	3.19E-07	1.13E+02	1.13E+02	1.51E-01	0.00E+00	0.00E+00	0.00E+00	3.07E-02
FR74E	6.27E-02	9.88E+00	0.00E+00	9.88E+00	0.00E+00	0.00E+00	6.48E+00	3.71E-06	2.94E-02	3.22E-01	0.00E+00	0.00E+00	1.74E-10	3.36E-09	2.41E-02	0.00E+00	0.00E+00	0.00E+00	8.75E-04	3.47E-01	1.38E+02	0.00E+00	1.52E-08	5.10E-07	8.13E-02	2.47E-04	1.84E-01	0.00E+00	1.38E+02	3.90E-07	1.38E+02	1.38E+02	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.76E-02
FR75E	7.45E-02	1.17E+01	0.00E+00	1.17E+01	0.00E+00	0.00E+00	7.70E+00	4.41E-06	3.49E-02	3.83E-01	0.00E+00	0.00E+00	2.07E-10	4.00E-09	2.86E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03	4.13E-01	1.64E+02	0.00E+00	1.80E-08	6.06E-07	9.66E-02	2.94E-04	2.19E-01	0.00E+00	1.64E+02	4.63E-07	1.64E+02	1.64E+02	2.19E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-02
FR83E	5.50E-02	8.67E+00	0.00E+00	8.67E+00	0.00E+00	0.00E+00	5.68E+00	3.26E-06	2.58E-02	2.83E-01	0.00E+00	0.00E+00	1.53E-10	2.95E-09	2.11E-02	0.00E+00	0.00E+00	0.00E+00	7.67E-04	3.05E-01	1.21E+02	0.00E+00	1.33E-08	4.47E-07	7.13E-02	2.17E-04	1.62E-01	0.00E+00	1.21E+02	3.42E-07	1.21E+02	1.21E+02	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.30E-02
FR84E	7.15E-02	1.13E+01	0.00E+00	1.13E+01	0.00E+00	0.00E+00	7.40E+00	4.24E-06	3.35E-02	3.68E-01	0.00E+00	0.00E+00	1.98E-10	3.84E-09	2.75E-02	0.00E+00	0.00E+00	0.00E+00	9.98E-04	3.96E-01	1.58E+02	0.00E+00	1.73E-08	5.81E-07	9.27E-02	2.82E-04	2.10E-01	0.00E+00	1.58E+02	4.44E-07	1.58E+02	1.58E+02	2.10E-01	0.00E+00	0.00E+00	0.00E+00	4.29E-02
FR85E	8.15E-02	1.29E+01	0.00E+00	1.29E+01	0.00E+00	0.00E+00	8.43E+00	4.83E-06	3.82E-02	4.19E-01	0.00E+00	0.00E+00	2.26E-10	4.38E-09	3.13E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03	4.52E-01	1.80E+02	0.00E+00	1.97E-08	6.63E-07	1.06E-01	3.22E-04	2.40E-01	0.00E+00	1.80E+02	5.07E-07	1.80E+02	1.80E+02	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.89E-02
FR92E	4.76E-02	7.50E+00	0.00E+00	7.50E+00	0.00E+00	0.00E+00	4.92E+00	2.82E-06	2.23E-02	2.45E-01	0.00E+00	0.00E+00	1.32E-10	2.55E-09	1.83E-02	0.00E+00	0.00E+00	0.00E+00	6.64E-04	2.64E-01	1.05E+02	0.00E+00	1.15E-08	3.87E-07	6.17E-02	1.88E-04	1.40E-01	0.00E+00	1.05E+02	2.96E-07	1.05E+02	1.05E+02	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-02
FR92S	4.84E-02	7.63E+00	0.00E+00	7.63E+00	0.00E+00	0.00E+00	5.00E+00	2.86E-06	2.27E-02	2.49E-01	0.00E+00	0.00E+00	1.34E-10	2.60E-09	1.86E-02	0.00E+00	0.00E+00	0.00E+00	6.75E-04	2.68E-01	1.07E+02	0.00E+00	1.17E-08	3.93E-07	6.27E-02	1.91E-04	1.42E-01	0.00E+00	1.07E+02	3.01E-07	1.07E+02	1.07E+02	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.90E-02
FR93E	6.04E-02	9.52E+00	0.00E+00	9.52E+00	0.00E+00	0.00E+00	6.25E+00	3.58E-06	2.83E-02	3.11E-01	0.00E+00	0.00E+00	1.68E-10	3.24E-09	2.32E-02	0.00E+00	0.00E+00	0.00E+00	8.43E-04	3.35E-01	1.33E+02	0.00E+00	1.46E-08	4.91E-07	7.83E-02	2.38E-04	1.78E-01	0.00E+00	1.33E+02	3.75E-07	1.33E+02	1.33E+02	1.78E-01	0.00E+00	0.00E+00	0.00E+00	3.62E-02
FR93G	7.31E-02	1.15E+01	0.00E+00	1.15E+01	0.00E+00	0.00E+00	7.56E+00	4.33E-06	3.43E-02	3.76E-01	0.00E+00	0.00E+00	2.03E-10	3.93E-09	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03	4.05E-01	1.61E+02	0.00E+00	1.77E-08	5.95E-07	9.48E-02	2.89E-04	2.15E-01	0.00E+00	1.61E+02	4.55E-07	1.61E+02	1.61E+02	2.15E-01	0.00E+00	0.00E+00	0.00E+00	4.38E-02
FR93S	6.14E-02	9.68E+00	0.00E+00	9.68E+00	0.00E+00	0.00E+00	6.35E+00	3.64E-06	2.88E-02	3.16E-01	0.00E+00	0.00E+00	1.70E-10	3.30E-09	2.36E-02	0.00E+00	0.00E+00	0.00E+00	8.57E-04	3.40E-01	1.35E+02	0.00E+00	1.49E-08	4.99E-07	7.96E-02	2.42E-04	1.80E-01	0.00E+00	1.35E+02	3.82E-07	1.35E+02	1.35E+02	1.80E-01	0.00E+00	0.00E+00	0.00E+00	3.68E-02
FR94E	7.50E-02	1.18E+01	0.00E+00	1.18E+01	0.00E+00	0.00E+00	7.76E+00	4.44E-06	3.51E-02	3.86E-01	0.00E+00	0.00E+00	2.08E-10	4.03E-09	2.88E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03	4.16E-01	1.65E+02	0.00E+00	1.82E-08	6.10E-07	9.73E-02	2.96E-04	2.20E-01	0.00E+00	1.65E+02	4.66E-07	1.65E+02	1.65E+02	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.50E-02
FR94S	7.82E-02	1.23E+01	0.00E+00	1.23E+01	0.00E+00	0.00E+00	8.09E+00	4.63E-06	3.67E-02	4.02E-01	0.00E+00	0.00E+00	2.17E-10	4.20E-09	3.01E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03	4.33E-01	1.72E+02	0.00E+00	1.89E-08	6.36E-07	1.01E-01	3.09E-04	2.30E-01	0.00E+00	1.72E+02	4.86E-07	1.72E+02	1.72E+02	2.30E-01	0.00E+00	0.00E+00	0.00E+00	4.69E-02
FR95E	8.47E-02	1.34E+01	0.00E+00	1.34E+01	0.00E+00	0.00E+00	8.76E+00	5.01E-06	3.97E-02	4.35E-01	0.00E+00	0.00E+00	2.35E-10	4.54E-09	3.26E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03	4.69E-01	1.87E+02	0.00E+00	2.05E-08	6.89E-07	1.10E-01	3.34E-04	2.49E-01	0.00E+00	1.87E+02	5.26E-07	1.87E+02	1.87E+02	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.08E-02
FR95S	9.05E-02	1.43E+01	0.00E+00	1.43E+01	0.00E+00	0.00E+00	9.36E+00	5.36E-06	4.24E-02	4.65E-01	0.00E+00	0.00E+00	2.51E-10	4.86E-09	3.48E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03	5.02E-01	1.99E+02	0.00E+00	2.19E-08	7.36E-07	1.17E-01	3.57E-04	2.66E-01	0.00E+00	1.99E+02	5.63E-07	1.99E+02	2.00E+02	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.43E-02

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	9.79E-10	7.01E-03	0.00E+00	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	5.36E-02	0.00E+00	4.02E+01	1.13E-07	4.02E+01	4.02E+01	5.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02
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	9.96E-10	7.14E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04	1.03E-01	4.09E+01	0.00E+00	4.49E-09	1.51E-07	2.41E-02	7.33E-05	5.46E-02	0.00E+00	4.09E+01	1.15E-07	4.09E+01	4.09E+01	5.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02
FW424FT	2.33E-02	3.67E+00	0.00E+00	3.67E+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-09	8.95E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04	1.29E-01	5.13E+01	0.00E+00	5.63E-09	1.89E-07	3.02E-02	9.19E-05	6.84E-02	0.00E+00	5.13E+01	1.45E-07	5.13E+01	5.13E+01	6.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02
FW424WT	2.39E-02	3.77E+00	0.00E+00	3.77E+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	6.63E-11	1.28E-09	9.18E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-04	1.32E-01	5.26E+01	0.00E+00	5.78E-09	1.94E-07	3.10E-02	9.43E-05	7.02E-02	0.00E+00	5.26E+01	1.48E-07	5.26E+01	5.27E+01	7.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02
FW436WT	2.97E-02	4.69E+00	0.00E+00	4.69E+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	8.25E-11	1.60E-09	1.14E-02	0.00E+00	0.00E+00	0.00E+00	4.15E-04	1.65E-01	6.55E+01	0.00E+00	7.19E-09	2.42E-07	3.85E-02	1.17E-04	8.74E-02	0.00E+00	6.55E+01	1.85E-07	6.55E+01	6.55E+01	8.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-02
FW524FT	2.66E-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-09	1.02E-02	0.00E+00	0.00E+00	0.00E+00	3.71E-04	1.47E-01	5.86E+01	0.00E+00	6.44E-09	2.16E-07	3.45E-02	1.05E-04	7.82E-02	0.00E+00	5.86E+01	1.65E-07	5.86E+01	5.87E+01	7.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02
FW524WT	2.97E-02	4.68E+00	0.00E+00	4.68E+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-09	1.14E-02	0.00E+00	0.00E+00	0.00E+00	4.14E-04	1.64E-01	6.54E+01	0.00E+00	7.18E-09	2.41E-07	3.85E-02	1.17E-04	8.72E-02	0.00E+00	6.54E+01	1.84E-07	6.54E+01	6.55E+01	8.72E-02	0.00E+00	0.00E+00	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	3.29E+00	1.89E-06	1.49E-02	1.64E-01	0.00E+00	0.00E+00	8.84E-11	1.71E-09	1.22E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-04	1.77E-01	7.01E+01	0.00E+00	7.71E-09	2.59E-07	4.13E-02	1.26E-04	9.36E-02	0.00E+00	7.01E+01	1.98E-07	7.01E+01	7.02E+01	9.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-02
FW624FT	2.96E-02	4.67E+00	0.00E+00	4.67E+00	0.00E+00	0.00E+00	3.06E+00	1.75E-06	1.39E-02	1.52E-01	0.00E+00	0.00E+00	8.22E-11	1.59E-09	1.14E-02	0.00E+00	0.00E+00	0.00E+00	4.13E-04	1.64E-01	6.52E+01	0.00E+00	7.17E-09	2.41E-07	3.84E-02	1.17E-04	8.70E-02	0.00E+00	6.52E+01	1.84E-07	6.52E+01	6.53E+01	8.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-02
FW624WT	3.19E-02	5.04E+00	0.00E+00	5.04E+00	0.00E+00	0.00E+00	3.30E+00	1.89E-06	1.50E-02	1.64E-01	0.00E+00	0.00E+00	8.86E-11	1.71E-09	1.23E-02	0.00E+00	0.00E+00	0.00E+00	4.46E-04	1.77E-01	7.04E+01	0.00E+00	7.73E-09	2.60E-07	4.14E-02	1.26E-04	9.39E-02	0.00E+00	7.04E+01	1.99E-07	7.04E+01	7.05E+01	9.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-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-09	1.57E-02	0.00E+00	0.00E+00	0.00E+00	5.70E-04	2.26E-01	8.99E+01	0.00E+00	9.88E-09	3.32E-07	5.30E-02	1.61E-04	1.20E-01	0.00E+00	8.99E+01	2.54E-07	8.99E+01	9.01E+01	1.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-02
FWB31D1	5.74E-03	9.05E-01	0.00E+00	9.05E-01	0.00E+00	0.00E+00	5.94E-01	3.40E-07	2.69E-03	2.95E-02	0.00E+00	0.00E+00	1.59E-11	3.08E-10	2.21E-03	0.00E+00	0.00E+00	0.00E+00	8.01E-05	3.18E-02	1.26E+01	0.00E+00	1.39E-09	4.67E-08	7.45E-03	2.27E-05	1.69E-02	0.00E+00	1.26E+01	3.57E-08	1.26E+01	1.27E+01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
FWB31S	8.01E-03	1.26E+00	0.00E+00	1.26E+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	4.30E-10	3.08E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-04	4.44E-02	1.76E+01	0.00E+00	1.94E-09	6.51E-08	1.04E-02	3.16E-05	2.35E-02	0.00E+00	1.76E+01	4.98E-08	1.76E+01	1.77E+01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-03
FWB32D1	7.56E-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-10	2.91E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-04	4.19E-02	1.66E+01	0.00E+00	1.83E-09	6.15E-08	9.80E-03	2.98E-05	2.22E-02	0.00E+00	1.66E+01	4.70E-08	1.66E+01	1.67E+01	2.22E-02	0.00E+00	0.00E+00	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	1.40E+00	8.02E-07	6.35E-03	6.97E-02	0.00E+00	0.00E+00	3.76E-11	7.27E-10	5.21E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-04	7.51E-02	2.98E+01	0.00E+00	3.28E-09	1.10E-07	1.76E-02	5.35E-05	3.98E-02	0.00E+00	2.98E+01	8.42E-08	2.98E+01	2.99E+01	3.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-03
FWB32S	1.25E-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-10	4.82E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-04	6.95E-02	2.76E+01	0.00E+00	3.04E-09	1.02E-07	1.63E-02	4.95E-05	3.69E-02	0.00E+00	2.76E+01	7.80E-08	2.76E+01	2.77E+01	3.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-03
FWB34S	2.32E-02	3.66E+00	0.00E+00	3.66E+00	0.00E+00	0.00E+00	2.40E+00	1.37E-06	1.09E-02	1.19E-01	0.00E+00	0.00E+00	6.44E-11	1.25E-09	8.92E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04	1.29E-01	5.11E+01	0.00E+00	5.61E-09	1.89E-07	3.01E-02	9.16E-05	6.82E-02	0.00E+00	5.11E+01	1.44E-07	5.11E+01	5.12E+01	6.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02
FWB41D1	7.10E-03	1.12E+00	0.00E+00	1.12E+00	0.00E+00	0.00E+00	7.35E-01	4.21E-07	3.33E-03	3.65E-02	0.00E+00	0.00E+00	1.97E-11	3.81E-10	2.73E-03	0.00E+00	0.00E+00	0.00E+00	9.91E-05	3.94E-02	1.56E+01	0.00E+00	1.72E-09	5.78E-08	9.21E-03	2.80E-05	2.09E-02	0.00E+00	1.56E+01	4.41E-08	1.56E+01	1.57E+01	2.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03
FWB41S	1.08E-02	1.70E+00	0.00E+00	1.70E+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-10	4.14E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-04	5.97E-02	2.37E+01	0.00E+00	2.61E-09	8.76E-08	1.40E-02	4.25E-05	3.17E-02	0.00E+00	2.37E+01	6.70E-08	2.37E+01	2.38E+01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-03
FWB42D1	8.29E-03	1.31E+00	0.00E+00	1.31E+00	0.00E+00	0.00E+00	8.58E-01	4.91E-07	3.89E-03	4.26E-02	0.00E+00	0.00E+00	2.30E-11	4.45E-10	3.19E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04	4.60E-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	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-10	6.12E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04	8.83E-02	3.51E+01	0.00E+00	3.85E-09	1.30E-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	0.00E+00	0.00E+00	9.55E-03
FWB42K5	1.60E-02	2.52E+00	0.00E+00	2.52E+00	0.00E+00	0.00E+00	1.66E+00	9.48E-07	7.50E-03	8.23E-02	0.00E+00	0.00E+00	4.44E-11	8.59E-10	6.16E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04	8.87E-02	3.53E+01	0.00E+00	3.87E-09	1.30E-07	2.08E-02	6.32E-05	4.71E-02	0.00E+00	3.53E+01	9.95E-08	3.53E+01	3.53E+01	4.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-03
FWB42M2	1.66E-02	2.61E+00	0.00E+00	2.61E+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-10	6.37E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04	9.18E-02	3.65E+01	0.00E+00	4.01E-09	1.35E-07	2.15E-02	6.54E-05	4.87E-02	0.00E+00	3.65E+01	1.03E-07	3.65E+01	3.65E+01	4.87E-02	0.00E+00	0.00E+00	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	8.69E-07	6.88E-03	7.55E-02	0.00E+00	0.00E+00	4.07E-11	7.88E-10	5.64E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04	8.13E-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	3.24E+01	4.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-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	7.82E-03	8.58E-02	0.00E+00	0.00E+00	4.63E-11	8.95E-10	6.41E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04	9.24E-02	3.67E+01	0.00E+00	4.04E-09	1.36E-07	2.16E-02	6.58E-05	4.90E-02	0.00E+00	3.67E+01	1.04E-07	3.67E+01	3.68E+01	4.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
FWB43S	2.30E-02	3.63E+00	0.00E+00	3.63E+00	0.00E+00	0.00E+00	2.38E+00	1.36E-06	1.08E-02	1.18E-01	0.00E+00	0.00E+00	6.39E-11	1.24E-09	8.86E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04	1.28E-01	5.07E+01	0.00E+00	5.57E-09	1.87E-07	2.99E-02	9.09E-05	6.77E-02	0.00E+00	5.07E+01	1.43E-07	5.07E+01	5.08E+01	6.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-02
FWB44S	2.90E-02	4.58E+00	0.00E+00	4.58E+00	0.00E+00	0.00E+00	3.00E+00	1.72E-06	1.36E-02	1.49E-01	0.00E+00	0.00E+00	8.06E-11	1.56E-09	1.12E-02	0.00E+00	0.00E+00	0.00E+00	4.05E-04	1.61E-01	6.40E+01	0.00E+00	7.03E-09	2.36E-07	3.77E-02	1.15E-04	8.54E-02	0.00E+00	6.40E+01	1.81E-07	6.40E+01	6.41E+01	8.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
FWB51D1	7.53E-03	1.19E+00	0.00E+00	1.19E+00	0.00E+00	0.00E+00	7.79E-01	4.46E-07	3.53E-03	3.87E-02	0.00E+00	0.00E+00	2.09E-11	4.04E-10	2.89E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-04	4.17E-02	1.66E+01	0.00E+00	1.82E-09	6.12E-08	9.76E-03	2.97E-05	2.21E-02	0.00E+00	1.66E+01	4.68E-08	1.66E+01	1.66E+01	2.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03
FWB51S	1.31E-02	2.07E+00	0.00E+00	2.07E+00	0.00E+00	0.00E+00	1.36E+00	7.77E-07	6.15E-03	6.75E-02	0.00E+00	0.00E+00	3.64E-11	7.04E-10	5.05E-03	0.00E+00	0.00E+00	0.00E+00	1.83E-04	7.27E-02	2.89E+01	0.00E+00	3.18E-09	1.07E-07	1.70E-02	5.18E-05	3.86E-02	0.00E+00	2.89E+01	8.16E-08	2.89E+01	2.89E+01	3.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-03
FWB51T1S	1.01E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.04E+00	5.97E-07	4.72E-03	5.18E-02	0.00E+00	0.00E+00	2.80E-11	5.41E-10	3.88E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.59E-02	2.22E+01	0.00E+00	2.44E-09	8.20E-08	1.31E-02	3.98E-05	2.96E-02	0.00E+00	2.22E+01	6.27E-08	2.22E+01	2.22E+01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-03
FWB52D1	1.11E-02	1.74E+00	0.00E+00	1.74E+00	0.00E+00	0.00E+00	1.14E+00	6.55E-07	5.18E-03	5.68E-02	0.00E+00	0.00E+00	3.07E-11	5.93E-10	4.25E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-04	6.13E-02	2.43E+01	0.00E+00	2.68E-09	8.99E-08	1.43E-02	4.36E-05	3.25E-02	0.00E+00	2.43E+01	6.87E-08	2.43E+01	2.44E+01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03
FWB52K1	1.92E-02	3.03E+00	0.00E+00	3.03E+00	0.00E+00	0.00E+00	1.99E+00	1.14E-06	9.01E-03	9.88E-02	0.00E+00	0.00E+00	5.33E-11	1.03E-09	7.39E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04	1.06E-01	4.23E+01	0.00E+00	4.65E-09	1.56E-07	2.49E-02	7.59E-05	5.65E-02	0.00E+00	4.23E+01	1.19E-07	4.23E+01	4.24E+01	5.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02
FWB52K5	1.95E-02	3.08E+00	0.00E+00	3.08E+00	0.00E+00	0.00E+00	2.02E+00	1.16E-06	9.15E-03	1.00E-01	0.00E+00	0.00E+00	5.42E-11	1.05E-09	7.51E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	1.08E-01	4.30E+01	0.00E+00	4.72E-09	1.59E-07	2.53E-02	7.71E-05	5.74E-02	0.00E+00	4.30E+01	1.21E-07	4.30E+01	4.31E+01	5.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02
FWB52M2	1.99E-02	3.13E+00	0.00E+00	3.13E+00	0.00E+00	0.00E+00	2.05E+00	1.18E-06	9.31E-03	1.02E-01	0.00E+00	0.00E+00	5.51E-11	1.07E-09	7.64E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04	1.10E-01	4.37E+01	0.00E+00	4.81E-09	1.62E-07	2.58E-02	7.84E-05	5.84E-02	0.00E+00	4.37E+01	1.23E-07	4.37E+01	4.38E+01	5.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02
FWB52N	2.02E-02	3.18E+00	0.00E+00	3.18E+00	0.00E+00	0.00E+00	2.09E+00	1.20E-06	9.46E-03	1.04E-01	0.00E+00	0.00E+00	5.60E-11	1.08E-09	7.77E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04	1.12E-01	4.45E+01	0.00E+00	4.89E-09	1.64E-07	2.62E-02	7.97E-05	5.94E-02	0.00E+00	4.45E+01	1.26E-07	4.45E+01	4.45E+01	5.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02
FWB52N3	1.96E-02	3.10E+00	0.00E+00	3.10E+00	0.00E+00	0.00E+00	2.03E+00	1.16E-06	9.20E-03	1.01E-01	0.00E+00	0.00E+00	5.45E-11	1.05E-09	7.55E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04	1.09E-01	4.32E+01	0.00E+00	4.75E-09	1.60E-07	2.55E-02	7.75E-05	5.77E-02	0.00E+00	4.32E+01	1.22E-07	4.32E+01	4.33E+01	5.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
FWB52P2	1.82E-02	2.87E+00	0.00E+00	2.87E+00	0.00E+00	0.00E+00	1.88E+00	1.08E-06	8.53E-03	9.36E-02	0.00E+00	0.00E+00	5.05E-11	9.77E-10	7.00E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04	1.01E-01	4.01E+01	0.00E+00	4.41E-09	1.48E-07	2.36E-02	7.19E-05	5.35E-02	0.00E+00	4.01E+01	1.13E-07	4.01E+01	4.02E+01	5.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02
FWB53K1	2.86E-02	4.23E+00	0.00E+00	4.23E+00	0.00E+00	0.00E+00	2.78E+00	1.59E-06	1.26E-02	1.38E-01	0.00E+00	0.00E+00	7.45E-11	1.44E-09	1.03E-02	0.00E+00	0.00E+00	0.00E+00	3.75E-04	1.49E-01	5.91E+01	0.00E+00	6.50E-09	2.18E-07	3.48E-02	1.06E-04	7.89E-02	0.00E+00	5.91E+01	1.67E-07	5.91E+01	5.92E+01	7.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-02
FWB53N	2.72E-02	4.29E+00	0.00E+00	4.29E+00	0.00E+00	0.00E+00	2.81E+00	1.61E-06	1.27E-02	1.40E-01	0.00E+00	0.00E+00	7.54E-11	1.46E-09	1.05E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-04	1.51E-01	5.99E+01	0.00E+00	6.58E-09	2.21E-07	3.53E-02	1.07E-04	7.99E-02	0.00E+00	5.99E+01	1.69E-07	5.99E+01	6.00E+01	7.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02
FWB53N3	2.91E-02	4.58E+00	0.00E+00	4.58E+00	0.00E+00	0.00E+00	3.01E+00	1.72E-06	1.36E-02	1.49E-01	0.00E+00	0.00E+00	8.07E-11	1.56E-09	1.12E-02	0.00E+00	0.00E+00	0.00E+00	4.06E-04	1.61E-01	6.40E+01	0.00E+00	7.04E-09	2.36E-07	3.77E-02	1.15E-04	8.55E-02	0.00E+00	6.40E+01	1.81E-07	6.40E+01	6.41E+01	8.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
FWB53S	2.75E-02	4.33E+00	0.00E+00	4.33E+00	0.00E+00	0.00E+00	2.84E+00	1.63E-06	1.29E-02	1.41E-01	0.00E+00	0.00E+00	7.63E-11	1.48E-09	1.06E-02	0.00E+00	0.00E+00	0.00E+00	3.84E-04	1.52E-01	6.05E+01	0.00E+00	6.65E-09	2.24E-07	3.56E-02	1.08E-04	8.08E-02	0.00E+00	6.05E+01	1.71E-07	6.05E+01	6.06E+01	8.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-02
FWB54S	3.49E-02	5.50E+00	0.00E+00	5.50E+00	0.00E+00	0.00E+00	3.61E+00	2.07E-06	1.64E-02	1.79E-01	0.00E+00	0.00E+00	9.68E-11	1.87E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.87E-04	1.93E-01	7.68E+01	0.00E+00	8.44E-09	2.84E-07	4.52E-02	1.38E-04	1.03E-01	0.00E+00	7.68E+01	2.17E-07	7.68E+01	7.69E+01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-02
FWB61D	1.14E-02	1.80E+00	0.00E+00	1.80E+00	0.00E+00	0.00E+00	1.18E+00	6.77E-07	5.35E-03	5.87E-02	0.00E+00	0.00E+00	3.17E-11	6.13E-10	4.39E-03	0.00E+00	0.00E+00	0.00E+00	1.59E-04	6.33E-02	2.52E+01	0.00E+00	2.76E-09	9.29E-08	1.48E-02	4.51E-05	3.36E-02	0.00E+00	2.52E+01	7.10E-08	2.52E+01	2.52E+01	3.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-03
FWB61S	1.37E-02	2.16E+00	0.00E+00	2.16E+00	0.00E+00	0.00E+00	1.41E+00	8.10E-07	6.41E-03	7.03E-02	0.00E+00	0.00E+00	3.80E-11	7.34E-10	5.26E-03	0.00E+00	0.00E+00	0.00E+00	1.91E-04	7.58E-02	3.01E+01	0.00E+00	3.31E-09	1.11E-07	1.77E-02	5.40E-05	4.02E-02	0.00E+00	3.01E+01	8.50E-08	3.01E+01	3.02E+01	4.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-03
FWB62D1	1.14E-02	1.80E+00	0.00E+00	1.80E+00	0.00E+00	0.00E+00	1.18E+00	6.76E-07	5.35E-03	5.87E-02	0.00E+00	0.00E+00	3.17E-11	6.12E-10	4.39E-03	0.00E+00	0.00E+00	0.00E+00	1.59E-04	6.32E-02	2.51E+01	0.00E+00	2.76E-09	9.28E-08	1.48E-02	4.50E-05	3.35E-02	0.00E+00	2.51E+01	7.09E-08	2.51E+01	2.52E+01	3.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-03
FWB62K1	2.41E-02	3.57E+00	0.00E+00	3.57E+00	0.00E+00	0.00E+00	2.34E+00	1.34E-06	1.06E-02	1.16E-01	0.00E+00	0.00E+00	6.28E-11	1.21E-09	8.70E-03	0.00E+00	0.00E+00	0.00E+00	3.16E-04	1.25E-01	4.98E+01	0.00E+00	5.48E-09	1.84E-07	2.93E-02	8.93E-05	6.65E-02	0.00E+00	4.98E+01	1.41E-07	4.98E+01	4.99E+01	6.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02
FWB62K5	2.26E-02	3.56E+00	0.00E+00	3.56E+00	0.00E+00	0.00E+00	2.34E+00	1.34E-06	1.06E-02	1.16E-01	0.00E+00	0.00E+00	6.27E-11	1.21E-09	8.69E-03	0.00E+00	0.00E+00	0.00E+00	3.15E-04	1.25E-01	4.98E+01	0.00E+00	5.47E-09	1.84E-07	2.93E-02	8.92E-05	6.64E-02	0.00E+00	4.98E+01	1.40E-07	4.98E+01	4.98E+01	6.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-02
FWB62M2	2.39E-02	3.77E+00	0.00E+00	3.77E+00	0.00E+00	0.00E+00	2.48E+00	1.42E-06	1.12E-02	1.23E-01	0.00E+00	0.00E+00	6.64E-11	1.28E-09	9.20E-03	0.00E+00	0.00E+00	0.00E+00	3.34E-04	1.33E-01	5.27E+01	0.00E+00	5.79E-09	1.95E-07	3.10E-02	9.45E-05	7.03E-02	0.00E+00	5.27E+01	1.49E-07	5.27E+01	5.28E+01	7.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02
FWB62N	2.31E-02	3.65E+00	0.00E+00	3.65E+00	0.00E+00	0.00E+00	2.39E+00	1.37E-06	1.09E-02	1.19E-01	0.00E+00	0.00E+00	6.42E-11	1.24E-09	8.90E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04	1.28E-01	5.10E+01	0.00E+00	5.60E-09	1.88E-07	3.00E-02	9.14E-05	6.80E-02	0.00E+00	5.10E+01	1.44E-07	5.10E+01	5.11E+01	6.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02
FWB62N3	2.31E-02	3.65E+00	0.00E+00	3.65E+00	0.00E+00	0.00E+00	2.39E+00	1.37E-06	1.09E-02	1.19E-01	0.00E+00	0.00E+00	6.42E-11	1.24E-09	8.90E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04	1.28E-01	5.10E+01	0.00E+00	5.60E-09	1.88E-07	3.00E-02	9.14E-05	6.80E-02	0.00E+00	5.10E+01	1.44E-07	5.10E+01	5.11E+01	6.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02
FWB62S	2.53E-02	3.74E+00	0.00E+00	3.74E+00	0.00E+00	0.00E+00	2.45E+00	1.40E-06	1.11E-02	1.22E-01	0.00E+00	0.00E+00	6.58E-11	1.27E-09	9.12E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04	1.31E-01	5.22E+01	0.00E+00	5.74E-09	1.93E-07	3.07E-02	9.36E-05	6.97E-02	0.00E+00	5.22E+01	1.47E-07	5.22E+01	5.23E+01	6.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-02
FWB63D1	1.47E-02	2.31E+00	0.00E+00	2.31E+00	0.00E+00	0.00E+00	1.52E+00	8.69E-07	6.88E-03	7.55E-02	0.00E+00	0.00E+00	4.07E-11	7.88E-10	5.64E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04	8.13E-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	3.24E+01	4.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-03
FWB63K1	3.32E-02	4.91E+00	0.00E+00	4.91E+00	0.00E+00	0.00E+00	3.22E+00	1.84E-06	1.46E-02	1.60E-01	0.00E+00	0.00E+00	8.64E-11	1.67E-09	1.20E-02	0.00E+00	0.00E+00	0.00E+00	4.35E-04	1.73E-01	6.86E+01	0.00E+00	7.54E-09	2.53E-07	4.04E-02	1.23E-04	9.15E-02	0.00E+00	6.86E+01	1.94E-07	6.86E+01	6.87E+01	9.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02
FWB63K5	3.11E-02	4.91E+00	0.00E+00	4.91E+00	0.00E+00	0.00E+00	3.22E+00	1.84E-06	1.46E-02	1.60E-01	0.00E+00	0.00E+00	8.63E-11	1.67E-09	1.20E-02	0.00E+00	0.00E+00	0.00E+00	4.34E-04	1.72E-01	6.85E+01	0.00E+00	7.53E-09	2.53E-07	4.03E-02	1.23E-04	9.14E-02	0.00E+00	6.85E+01	1.93E-07	6.85E+01	6.86E+01	9.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02
FWB63N	3.15E-02	4.97E+00	0.00E+00	4.97E+00	0.00E+00	0.00E+00	3.26E+00	1.87E-06	1.48E-02	1.62E-01	0.00E+00	0.00E+00	8.74E-11	1.69E-09	1.21E-02	0.00E+00	0.00E+00	0.00E+00	4.40E-04	1.75E-01	6.94E+01	0.00E+00	7.63E-09	2.56E-07	4.09E-02	1.24E-04	9.26E-02	0.00E+00	6.94E+01	1.96E-07	6.94E+01	6.95E+01	9.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-02
FWB63N3	3.33E-02	5.26E+00	0.00E+00	5.26E+00	0.00E+00	0.00E+00	3.45E+00	1.97E-06	1.56E-02	1.71E-01	0.00E+00	0.00E+00	9.25E-11	1.79E-09	1.28E-02	0.00E+00	0.00E+00	0.00E+00	4.65E-04	1.85E-01	7.34E+01	0.00E+00	8.07E-09	2.71E-07	4.32E-02	1.32E-04	9.80E-02	0.00E+00	7.34E+01	2.07E-07	7.34E+01	7.35E+01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-02
FWB63S	3.41E-02	5.05E+00	0.00E+00	5.05E+00	0.00E+00	0.00E+00	3.31E+00	1.90E-06	1.50E-02	1.65E-01	0.00E+00	0.00E+00	8.88E-11	1.72E-09	1.23E-02	0.00E+00	0.00E+00	0.00E+00	4.47E-04	1.77E-01	7.05E+01	0.00E+00	7.75E-09	2.60E-07	4.15E-02	1.26E-04	9.41E-02	0.00E+00	7.05E+01	1.99E-07	7.05E+01	7.06E+01	9.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-02
FWB64N	3.99E-02	6.29E+00	0.00E+00	6.29E+00	0.00E+00	0.00E+00	4.13E+00	2.36E-06	1.87E-02	2.05E-01	0.00E+00	0.00E+00	1.11E-10	2.14E-09	1.53E-02	0.00E+00	0.00E+00	0.00E+00	5.57E-04	2.21E-01	8.79E+01	0.00E+00	9.66E-09	3.25E-07	5.18E-02	1.58E-04	1.17E-01	0.00E+00	8.79E+01	2.48E-07	8.79E+01	8.80E+01	1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-02
FWB64N3	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-09	1.57E-02	0.00E+00	0.00E+00	0.00E+00	5.70E-04	2.26E-01	8.99E+01	0.00E+00	9.88E-09	3.32E-07	5.29E-02	1.61E-04	1.20E-01	0.00E+00	8.99E+01	2.54E-07	8.99E+01	9.00E+01	1.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-02
FWB64S	3.88E-02	6.12E+00	0.00E+00	6.12E+00	0.00E+00	0.00E+00	4.01E+00	2.30E-06	1.82E-02	2.00E-01	0.00E+00	0.00E+00	1.08E-10	2.08E-09	1.49E-02	0.00E+00	0.00E+00	0.00E+00	5.42E-04	2.15E-01	8.55E+01	0.00E+00	9.39E-09	3.16E-07	5.03E-02	1.53E-04	1.14E-01	0.00E+00	8.55E+01	2.41E-07	8.55E+01	8.56E+01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-02
FWB71D1	9.58E-03	1.51E+00	0.00E+00	1.51E+00	0.00E+00	0.00E+00	9.91E-01	5.67E-07	4.49E-03	4.93E-02	0.00E+00	0.00E+00	2.66E-11	5.14E-10	3.68E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-04	5.31E-02	2.11E+01	0.00E+00	2.32E-09	7.79E-08	1.24E-02	3.78E-05	2.82E-02	0.00E+00	2.11E+01	5.95E-08	2.11E+01	2.11E+01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-03
FWB71S	1.71E-02	2.69E+00	0.00E+00	2.69E+00	0.00E+00	0.00E+00	1.77E+00	1.01E-06	8.00E-03	8.78E-02	0.00E+00	0.00E+00	4.74E-11	9.16E-10	6.57E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04	9.46E-02	3.76E+01	0.00E+00	4.13E-09	1.39E-07	2.21E-02	6.74E-05	5.02E-02	0.00E+00	3.76E+01	1.06E-07	3.76E+01	3.77E+01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02
FWB72K1	2.46E-02	3.87E+00	0.00E+00	3.87E+00	0.00E+00	0.00E+00	2.54E+00	1.46E-06	1.15E-02	1.26E-01	0.00E+00	0.00E+00	6.82E-11	1.32E-09	9.45E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04	1.36E-01	5.41E+01	0.00E+00	5.95E-09	2.00E-07	3.19E-02	9.70E-05	7.22E-02	0.00E+00	5.41E+01	1.53E-07	5.41E+01	5.42E+01	7.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02
FWB72K5	2.45E-02	3.87E+00	0.00E+00	3.87E+00	0.00E+00	0.00E+00	2.54E+00	1.45E-06	1.15E-02	1.26E-01	0.00E+00	0.00E+00	6.81E-11	1.32E-09	9.44E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04	1.36E-01	5.41E+01	0.00E+00	5.94E-09	2.00E-07	3.18E-02	9.69E-05	7.21E-02	0.00E+00	5.41E+01	1.53E-07	5.41E+01	5.41E+01	7.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02
FWB72M2	2.72E-02	4.29E+00	0.00E+00	4.29E+00	0.00E+00	0.00E+00	2.82E+00	1.61E-06	1.28E-02	1.40E-01	0.00E+00	0.00E+00	7.55E-11	1.46E-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	6.59E-09	2.21E-07	3.53E-02	1.07E-04	8.00E-02	0.00E+00	6.00E+01	1.69E-07	6.00E+01	6.00E+01	8.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02
FWB72N	2.63E-02	4.15E+00	0.00E+00	4.15E+00	0.00E+00	0.00E+00	2.72E+00	1.56E-06	1.23E-02	1.35E-01	0.00E+00	0.00E+00	7.30E-11	1.41E-09	1.01E-02	0.00E+00	0.00E+00	0.00E+00	3.68E-04	1.46E-01	5.80E+01	0.00E+00	6.37E-09	2.14E-07	3.41E-02	1.04E-04	7.74E-02	0.00E+00	5.80E+01	1.64E-07	5.80E+01	5.81E+01	7.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02
FWB72N3	2.62E-02	4.13E+00	0.00E+00	4.13E+00	0.00E+00	0.00E+00	2.71E+00	1.55E-06	1.23E-02	1.35E-01	0.00E+00	0.00E+00	7.27E-11	1.41E-09	1.01E-02	0.00E+00	0.00E+00	0.00E+00	3.66E-04	1.45E-01	5.77E+01	0.00E+00	6.35E-09	2.13E-07	3.40E-02	1.03E-04	7.71E-02	0.00E+00	5.77E+01	1.63E-07	5.77E+01	5.78E+01	7.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-02
FWB72S	2.72E-02	4.29E+00	0.00E+00	4.29E+00	0.00E+00	0.00E+00	2.82E+00	1.61E-06	1.28E-02	1.40E-01	0.00E+00	0.00E+00	7.55E-11	1.46E-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	6.59E-09	2.21E-07	3.53E-02	1.07E-04	8.00E-02	0.00E+00	6.00E+01	1.69E-07	6.00E+01	6.00E+01	8.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02
FWB73N	3.32E-02	5.23E+00	0.00E+00	5.23E+00	0.00E+00	0.00E+00	3.43E+00	1.97E-06	1.56E-02	1.71E-01	0.00E+00	0.00E+00	9.21E-11	1.78E-09	1.28E-02	0.00E+00	0.00E+00	0.00E+00	4.63E-04	1.84E-01	7.31E+01	0.00E+00	8.03E-09	2.70E-07	4.30E-02	1.31E-04	9.75E-02	0.00E+00	7.31E+01	2.06E-07	7.31E+01	7.32E+01	9.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-02
FWB73N3	3.63E-02	5.72E+00	0.00E+00	5.72E+00	0.00E+00	0.00E+00	3.75E+00	2.15E-06	1.70E-02	1.87E-01	0.00E+00	0.00E+00	1.01E-10	1.95E-09	1.40E-02	0.00E+00	0.00E+00	0.00E+00	5.07E-04	2.01E-01	7.99E+01	0.00E+00	8.78E-09	2.95E-07	4.71E-02	1.43E-04	1.07E-01	0.00E+00	7.99E+01	2.26E-07	7.99E+01	8.00E+01	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
FWB74N	4.42E-02	6.97E+00	0.00E+00	6.97E+00	0.00E+00	0.00E+00	4.57E+00	2.62E-06	2.07E-02	2.27E-01	0.00E+00	0.00E+00	1.23E-10	2.37E-09	1.70E-02	0.00E+00	0.00E+00	0.00E+00	6.17E-04	2.45E-01	9.74E+01	0.00E+00	1.07E-08	3.60E-07	5.74E-02	1.75E-04	1.30E-01	0.00E+00	9.74E+01	2.75E-07	9.74E+01	9.75E+01	1.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-02
FWB74N3	4.57E-02	7.21E+00	0.00E+00	7.21E+00	0.00E+00	0.00E+00	4.73E+00	2.71E-06	2.14E-02	2.35E-01	0.00E+00	0.00E+00	1.27E-10	2.45E-09	1.76E-02	0.00E+00	0.00E+00	0.00E+00	6.38E-04	2.53E-01	1.01E+02	0.00E+00	1.11E-08	3.72E-07	5.93E-02	1.80E-04	1.34E-01	0.00E+00	1.01E+02	2.84E-07	1.01E+02	1.01E+02	1.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-02
FWB74S	4.74E-02	7.47E+00	0.00E+00	7.47E+00	0.00E+00	0.00E+00	4.90E+00	2.81E-06	2.22E-02	2.44E-01	0.00E+00	0.00E+00	1.31E-10	2.54E-09	1.82E-02	0.00E+00	0.00E+00	0.00E+00	6.61E-04	2.63E-01	1.04E+02	0.00E+00	1.15E-08	3.85E-07	6.14E-02	1.87E-04	1.39E-01	0.00E+00	1.04E+02	2.94E-07	1.04E+02	1.04E+02	1.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-02
FWB81D1	1.09E-02	1.72E+00	0.00E+00	1.72E+00	0.00E+00	0.00E+00	1.13E+00	6.45E-07	5.10E-03	5.60E-02	0.00E+00	0.00E+00	3.02E-11	5.84E-10	4.19E-03	0.00E+00	0.00E+00	0.00E+00	1.52E-04	6.03E-02	2.40E+01	0.00E+00	2.63E-09	8.85E-08	1.41E-02	4.30E-05	3.20E-02	0.00E+00	2.40E+01	6.77E-08	2.40E+01	2.40E+01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-03
FWB81S	1.79E-02	2.83E+00	0.00E+00	2.83E+00	0.00E+00	0.00E+00	1.85E+00	1.06E-06	8.40E-03	9.22E-02	0.00E+00	0.00E+00	4.97E-11	9.62E-10	6.89E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04	9.93E-02	3.95E+01	0.00E+00	4.34E-09	1.46E-07	2.32E-02	7.08E-05	5.27E-02	0.00E+00	3.95E+01	1.11E-07	3.95E+01	3.95E+01	5.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-02
FWQ32P1	9.66E-03	1.52E+00	0.00E+00	1.52E+00	0.00E+00	0.00E+00	9.99E-01	5.72E-07	4.53E-03	4.97E-02	0.00E+00	0.00E+00	2.68E-11	5.19E-10	3.71E-03	0.00E+00	0.00E+00	0.00E+00	1.35E-04	5.35E-02	2.13E+01	0.00E+00	2.34E-09	7.86E-08	1.25E-02	3.81E-05	2.84E-02	0.00E+00	2.13E+01	6.00E-08	2.13E+01	2.13E+01	2.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-03
FWQ41P	1.03E-02	1.63E+00	0.00E+00	1.63E+00	0.00E+00	0.00E+00	1.07E+00	6.12E-07	4.85E-03	5.32E-02	0.00E+00	0.00E+00	2.87E-11	5.55E-10	3.98E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-04	5.73E-02	2.28E+01	0.00E+00	2.50E-09	8.41E-08	1.34E-02	4.08E-05	3.04E-02	0.00E+00	2.28E+01	6.43E-08	2.28E+01	2.28E+01	3.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03
FWQ42P1	1.33E-02	2.09E+00	0.00E+00	2.09E+00	0.00E+00	0.00E+00	1.37E+00	7.85E-07	6.21E-03	6.82E-02	0.00E+00	0.00E+00	3.68E-11	7.12E-10	5.10E-03	0.00E+00	0.00E+00	0.00E+00	1.85E-04	7.35E-02	2.92E+01	0.00E+00	3.21E-09	1.08E-07	1.72E-02	5.23E-05	3.90E-02	0.00E+00	2.92E+01	8.24E-08	2.92E+01	2.92E+01	3.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-03
FWQ43P	2.16E-02	3.41E+00	0.00E+00	3.41E+00	0.00E+00	0.00E+00	2.24E+00	1.28E-06	1.01E-02	1.11E-01	0.00E+00	0.00E+00	6.00E-11	1.16E-09	8.32E-03	0.00E+00	0.00E+00	0.00E+00	3.02E-04	1.20E-01	4.77E+01	0.00E+00	5.24E-09	1.76E-07	2.81E-02	8.54E-05	6.36E-02	0.00E+00	4.77E+01	1.35E-07	4.77E+01	4.77E+01	6.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-02
FWQ44P	2.87E-02	4.53E+00	0.00E+00	4.53E+00	0.00E+00	0.00E+00	2.97E+00	1.70E-06	1.35E-02	1.48E-01	0.00E+00	0.00E+00	7.97E-11	1.54E-09	1.10E-02	0.00E+00	0.00E+00	0.00E+00	4.01E-04	1.59E-01	6.33E+01	0.00E+00	6.95E-09	2.34E-07	3.72E-02	1.13E-04	8.44E-02	0.00E+00	6.33E+01	1.79E-07	6.33E+01	6.33E+01	8.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02
FWQ51P	1.40E-02	2.21E+00	0.00E+00	2.21E+00	0.00E+00	0.00E+00	1.45E+00	8.29E-07	6.56E-03	7.20E-02	0.00E+00	0.00E+00	3.88E-11	7.51E-10	5.38E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-04	7.76E-02	3.08E+01	0.00E+00	3.39E-09	1.14E-07	1.81E-02	5.52E-05	4.11E-02	0.00E+00	3.08E+01	8.70E-08	3.08E+01	3.09E+01	4.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-03
FWQ52P	2.05E-02	3.24E+00	0.00E+00	3.24E+00	0.00E+00	0.00E+00	2.12E+00	1.22E-06	9.63E-03	1.06E-01	0.00E+00	0.00E+00	5.70E-11	1.10E-09	7.90E-03	0.00E+00	0.00E+00	0.00E+00	2.87E-04	1.14E-01	4.52E+01	0.00E+00	4.97E-09	1.67E-07	2.66E-02	8.11E-05	6.04E-02	0.00E+00	4.52E+01	1.28E-07	4.52E+01	4.53E+01	6.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02

Distribution A4	FWQ52P	1.56E-02	2.46E+00	0.00E+00	2.46E+00	0.00E+00	0.00E+00	1.62E+00	9.25E-07	7.32E-03	8.03E-02	0.00E+00	0.00E+00	4.34E-11	8.39E-10	6.01E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04	8.66E-02	3.44E+01	0.00E+00	3.78E-09	1.27E-07	2.03E-02	6.17E-05	4.59E-02	0.00E+00	3.44E+01	9.71E-08	3.44E+01	3.45E+01	4.59E-02	0.00E+00	0.00E+00	0.00E+00	9.37E-03
	FWQ53P	2.60E-02	4.10E+00	0.00E+00	4.10E+00	0.00E+00	0.00E+00	2.69E+00	1.54E-06	1.22E-02	1.34E-01	0.00E+00	0.00E+00	7.21E-11	1.40E-09	1.00E-02	0.00E+00	0.00E+00	0.00E+00	3.63E-04	1.44E-01	5.73E+01	0.00E+00	6.29E-09	2.11E-07	3.37E-02	1.03E-04	7.64E-02	0.00E+00	5.73E+01	1.62E-07	5.73E+01	5.73E+01	7.64E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-02
	FWQ54P	3.67E-02	5.43E+00	0.00E+00	5.43E+00	0.00E+00	0.00E+00	3.56E+00	2.04E-06	1.61E-02	1.77E-01	0.00E+00	0.00E+00	9.56E-11	1.85E-09	1.33E-02	0.00E+00	0.00E+00	0.00E+00	4.81E-04	1.91E-01	7.59E+01	0.00E+00	8.34E-09	2.80E-07	4.47E-02	1.36E-04	1.01E-01	0.00E+00	7.59E+01	2.14E-07	7.59E+01	7.60E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	2.07E-02
	FWQ62P	2.25E-02	3.54E+00	0.00E+00	3.54E+00	0.00E+00	0.00E+00	2.32E+00	1.33E-06	1.05E-02	1.15E-01	0.00E+00	0.00E+00	6.23E-11	1.21E-09	8.64E-03	0.00E+00	0.00E+00	0.00E+00	3.13E-04	1.24E-01	4.95E+01	0.00E+00	5.43E-09	1.83E-07	2.91E-02	8.86E-05	6.60E-02	0.00E+00	4.95E+01	1.40E-07	4.95E+01	4.95E+01	6.60E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-02
	FWQ63P	3.06E-02	4.82E+00	0.00E+00	4.82E+00	0.00E+00	0.00E+00	3.16E+00	1.81E-06	1.43E-02	1.57E-01	0.00E+00	0.00E+00	8.48E-11	1.64E-09	1.18E-02	0.00E+00	0.00E+00	0.00E+00	4.27E-04	1.69E-01	6.73E+01	0.00E+00	7.40E-09	2.49E-07	3.96E-02	1.21E-04	8.98E-02	0.00E+00	6.73E+01	1.90E-07	6.73E+01	6.74E+01	8.98E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-02
	FWQ64P	4.23E-02	6.26E+00	0.00E+00	6.26E+00	0.00E+00	0.00E+00	4.10E+00	2.35E-06	1.86E-02	2.04E-01	0.00E+00	0.00E+00	1.10E-10	2.13E-09	1.53E-02	0.00E+00	0.00E+00	0.00E+00	5.54E-04	2.20E-01	8.74E+01	0.00E+00	9.60E-09	3.23E-07	5.15E-02	1.57E-04	1.17E-01	0.00E+00	8.74E+01	2.47E-07	8.74E+01	8.75E+01	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.38E-02
	FWQ74P	4.51E-02	7.12E+00	0.00E+00	7.12E+00	0.00E+00	0.00E+00	4.67E+00	2.67E-06	2.12E-02	2.32E-01	0.00E+00	0.00E+00	1.25E-10	2.42E-09	1.74E-02	0.00E+00	0.00E+00	0.00E+00	6.30E-04	2.50E-01	9.95E+01	0.00E+00	1.09E-08	3.67E-07	5.86E-02	1.78E-04	1.33E-01	0.00E+00	9.95E+01	2.81E-07	9.95E+01	9.96E+01	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.71E-02
	FWU31L	5.58E-03	8.80E-01	0.00E+00	8.80E-01	0.00E+00	0.00E+00	5.77E-01	3.30E-07	2.62E-03	2.87E-02	0.00E+00	0.00E+00	1.55E-11	3.00E-10	2.15E-03	0.00E+00	0.00E+00	0.00E+00	7.79E-05	3.09E-02	1.23E+01	0.00E+00	1.35E-09	4.54E-08	7.24E-03	2.20E-05	1.64E-02	0.00E+00	1.23E+01	3.47E-08	1.23E+01	1.23E+01	1.64E-02	0.00E+00	0.00E+00	0.00E+00	3.35E-03
	FWU31S	8.87E-03	1.40E+00	0.00E+00	1.40E+00	0.00E+00	0.00E+00	9.17E-01	5.25E-07	4.16E-03	4.56E-02	0.00E+00	0.00E+00	2.46E-11	4.76E-10	3.41E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-04	4.92E-02	1.95E+01	0.00E+00	2.15E-09	7.21E-08	1.15E-02	3.50E-05	2.61E-02	0.00E+00	1.95E+01	5.51E-08	1.95E+01	1.96E+01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	5.32E-03
	FWU31S1	9.14E-03	1.44E+00	0.00E+00	1.44E+00	0.00E+00	0.00E+00	9.45E-01	5.41E-07	4.28E-03	4.70E-02	0.00E+00	0.00E+00	2.53E-11	4.90E-10	3.51E-03	0.00E+00	0.00E+00	0.00E+00	1.28E-04	5.06E-02	2.01E+01	0.00E+00	2.21E-09	7.43E-08	1.18E-02	3.61E-05	2.69E-02	0.00E+00	2.01E+01	5.68E-08	2.01E+01	2.01E+01	2.69E-02	0.00E+00	0.00E+00	0.00E+00	5.48E-03
	FWU32L	7.07E-03	1.11E+00	0.00E+00	1.11E+00	0.00E+00	0.00E+00	7.31E-01	4.19E-07	3.31E-03	3.63E-02	0.00E+00	0.00E+00	1.96E-11	3.79E-10	2.72E-03	0.00E+00	0.00E+00	0.00E+00	9.87E-05	3.92E-02	1.56E+01	0.00E+00	1.71E-09	5.75E-08	9.17E-03	2.79E-05	2.08E-02	0.00E+00	1.56E+01	4.39E-08	1.56E+01	1.56E+01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	4.24E-03
	FWU32M2	1.45E-02	2.28E+00	0.00E+00	2.28E+00	0.00E+00	0.00E+00	1.50E+00	8.56E-07	6.78E-03	7.44E-02	0.00E+00	0.00E+00	4.01E-11	7.76E-10	5.56E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-04	8.01E-02	3.19E+01	0.00E+00	3.50E-09	1.18E-07	1.88E-02	5.71E-05	4.25E-02	0.00E+00	3.19E+01	8.99E-08	3.19E+01	3.19E+01	4.25E-02	0.00E+00	0.00E+00	0.00E+00	8.67E-03
	FWU32S	1.39E-02	2.18E+00	0.00E+00	2.18E+00	0.00E+00	0.00E+00	1.43E+00	8.21E-07	6.49E-03	7.12E-02	0.00E+00	0.00E+00	3.84E-11	7.44E-10	5.33E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-04	7.68E-02	3.05E+01	0.00E+00	3.35E-09	1.13E-07	1.80E-02	5.47E-05	4.07E-02	0.00E+00	3.05E+01	8.61E-08	3.05E+01	3.06E+01	4.07E-02	0.00E+00	0.00E+00	0.00E+00	8.31E-03
	FWU33S	1.89E-02	2.99E+00	0.00E+00	2.99E+00	0.00E+00	0.00E+00	1.96E+00	1.12E-06	8.88E-03	9.74E-02	0.00E+00	0.00E+00	5.26E-11	1.02E-09	7.29E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04	1.05E-01	4.17E+01	0.00E+00	4.58E-09	1.54E-07	2.46E-02	7.48E-05	5.57E-02	0.00E+00	4.17E+01	1.18E-07	4.17E+01	4.18E+01	5.57E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-02
	FWU41L	6.90E-03	1.09E+00	0.00E+00	1.09E+00	0.00E+00	0.00E+00	7.14E-01	4.09E-07	3.24E-03	3.55E-02	0.00E+00	0.00E+00	1.92E-11	3.71E-10	2.66E-03	0.00E+00	0.00E+00	0.00E+00	9.64E-05	3.83E-02	1.52E+01	0.00E+00	1.67E-09	5.61E-08	8.95E-03	2.73E-05	2.03E-02	0.00E+00	1.52E+01	4.29E-08	1.52E+01	1.52E+01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	4.14E-03
	FWU41S	1.08E-02	1.71E+00	0.00E+00	1.71E+00	0.00E+00	0.00E+00	1.12E+00	6.41E-07	5.07E-03	5.57E-02	0.00E+00	0.00E+00	3.00E-11	5.81E-10	4.16E-03	0.00E+00	0.00E+00	0.00E+00	1.51E-04	6.00E-02	2.38E+01	0.00E+00	2.62E-09	8.80E-08	1.40E-02	4.27E-05	3.18E-02	0.00E+00	2.38E+01	6.73E-08	2.38E+01	2.39E+01	3.18E-02	0.00E+00	0.00E+00	0.00E+00	6.49E-03
	FWU41S1	1.08E-02	1.71E+00	0.00E+00	1.71E+00	0.00E+00	0.00E+00	1.12E+00	6.41E-07	5.07E-03	5.57E-02	0.00E+00	0.00E+00	3.00E-11	5.81E-10	4.16E-03	0.00E+00	0.00E+00	0.00E+00	1.51E-04	6.00E-02	2.38E+01	0.00E+00	2.62E-09	8.80E-08	1.40E-02	4.27E-05	3.18E-02	0.00E+00	2.38E+01	6.73E-08	2.38E+01	2.39E+01	3.18E-02	0.00E+00	0.00E+00	0.00E+00	6.49E-03
	FWU42K	1.70E-02	2.69E+00	0.00E+00	2.69E+00	0.00E+00	0.00E+00	1.76E+00	1.01E-06	7.98E-03	8.76E-02	0.00E+00	0.00E+00	4.73E-11	9.14E-10	6.55E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04	9.44E-02	3.75E+01	0.00E+00	4.12E-09	1.39E-07	2.21E-02	6.72E-05	5.01E-02	0.00E+00	3.75E+01	1.06E-07	3.75E+01	3.76E+01	5.01E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-02
	FWU42K1	1.76E-02	2.77E+00	0.00E+00	2.77E+00	0.00E+00	0.00E+00	1.82E+00	1.04E-06	8.24E-03	9.04E-02	0.00E+00	0.00E+00	4.88E-11	9.44E-10	6.76E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04	9.75E-02	3.87E+01	0.00E+00	4.26E-09	1.43E-07	2.28E-02	6.94E-05	5.17E-02	0.00E+00	3.87E+01	1.09E-07	3.87E+01	3.88E+01	5.17E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-02
	FWU42K2	1.70E-02	2.69E+00	0.00E+00	2.69E+00	0.00E+00	0.00E+00	1.76E+00	1.01E-06	7.98E-03	8.76E-02	0.00E+00	0.00E+00	4.73E-11	9.14E-10	6.55E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04	9.44E-02	3.75E+01	0.00E+00	4.12E-09	1.39E-07	2.21E-02	6.72E-05	5.01E-02	0.00E+00	3.75E+01	1.06E-07	3.75E+01	3.76E+01	5.01E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-02
	FWU42K3	1.73E-02	2.73E+00	0.00E+00	2.73E+00	0.00E+00	0.00E+00	1.79E+00	1.02E-06	8.10E-03	8.89E-02	0.00E+00	0.00E+00	4.80E-11	9.28E-10	6.65E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04	9.58E-02	3.81E+01	0.00E+00	4.18E-09	1.41E-07	2.24E-02	6.82E-05	5.08E-02	0.00E+00	3.81E+01	1.07E-07	3.81E+01	3.81E+01	5.08E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-02
	FWU42L	8.69E-03	1.37E+00	0.00E+00	1.37E+00	0.00E+00	0.00E+00	8.99E-01	5.15E-07	4.08E-03	4.47E-02	0.00E+00	0.00E+00	2.41E-11	4.67E-10	3.34E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-04	4.82E-02	1.92E+01	0.00E+00	2.10E-09	7.07E-08	1.13E-02	3.43E-05	2.56E-02	0.00E+00	1.92E+01	5.40E-08	1.92E+01	1.92E+01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	5.21E-03
	FWU42M2	1.65E-02	2.60E+00	0.00E+00	2.60E+00	0.00E+00	0.00E+00	1.70E+00	9.75E-07	7.72E-03	8.47E-02	0.00E+00	0.00E+00	4.57E-11	8.84E-10	6.33E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04	9.13E-02	3.63E+01	0.00E+00	3.99E-09	1.34E-07	2.14E-02	6.50E-05	4.84E-02	0.00E+00	3.63E+01	1.02E-07	3.63E+01	3.63E+01	4.84E-02	0.00E+00	0.00E+00	0.00E+00	9.88E-03
	FWU42S1	1.65E-02	2.60E+00	0.00E+00	2.60E+00	0.00E+00	0.00E+00	1.70E+00	9.75E-07	7.72E-03	8.47E-02	0.00E+00	0.00E+00	4.57E-11	8.84E-10	6.33E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04	9.13E-02	3.63E+01	0.00E+00	3.99E-09	1.34E-07	2.14E-02	6.50E-05	4.84E-02	0.00E+00	3.63E+01	1.02E-07	3.63E+01	3.63E+01	4.84E-02	0.00E+00	0.00E+00	0.00E+00	9.88E-03
	FWU43K	2.43E-02	3.84E+00	0.00E+00	3.84E+00	0.00E+00	0.00E+00	2.52E+00	1.44E-06	1.14E-02	1.25E-01	0.00E+00	0.00E+00	6.75E-11	1.31E-09	9.36E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04	1.35E-01	5.36E+01	0.00E+00	5.89E-09	1.98E-07	3.16E-02	9.60E-05	7.15E-02	0.00E+00	5.36E+01	1.51E-07	5.36E+01	5.37E+01	7.15E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-02
	FWU43S	2.35E-02	3.71E+00	0.00E+00	3.71E+00	0.00E+00	0.00E+00	2.44E+00	1.39E-06	1.10E-02	1.21E-01	0.00E+00	0.00E+00	6.53E-11	1.26E-09	9.06E-03	0.00E+00	0.00E+00	0.00E+00	3.29E-04	1.30E-01	5.19E+01	0.00E+00	5.70E-09	1.91E-07	3.05E-02	9.29E-05	6.92E-02	0.00E+00	5.19E+01	1.46E-07	5.19E+01	5.19E+01	6.92E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-02
	FWU51L	7.39E-03	1.17E+00	0.00E+00	1.17E+00	0.00E+00	0.00E+00	7.65E-01	4.38E-07	3.46E-03	3.80E-02	0.00E+00	0.00E+00	2.05E-11	3.97E-10	2.84E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-04	4.10E-02	1.63E+01	0.00E+00	1.79E-09	6.01E-08	9.59E-03	2.92E-05	2.17E-02	0.00E+00	1.63E+01	4.60E-08	1.63E+01	1.63E+01	2.17E-02	0.00E+00	0.00E+00	0.00E+00	4.43E-03
	FWU51S	1.32E-02	2.08E+00	0.00E+00	2.08E+00	0.00E+00	0.00E+00	1.37E+00	7.82E-07	6.19E-03	6.79E-02	0.00E+00	0.00E+00	3.66E-11	7.09E-10	5.08E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04	7.32E-02	2.91E+01	0.00E+00	3.19E-09	1.07E-07	1.71E-02	5.21E-05	3.88E-02	0.00E+00	2.91E+01	8.20E-08	2.91E+01	2.91E+01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	7.91E-03
	FWU51S1	1.38E-02	2.18E+00	0.00E+00	2.18E+00	0.00E+00	0.00E+00	1.43E+00	8.18E-07	6.47E-03	7.10E-02	0.00E+00	0.00E+00	3.83E-11	7.41E-10	5.31E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-04	7.66E-02	3.04E+01	0.00E+00	3.34E-09	1.12E-07	1.79E-02	5.45E-05	4.06E-02	0.00E+00	3.04E+01	8.59E-08	3.04E+01	3.05E+01	4.06E-02	0.00E+00	0.00E+00	0.00E+00	8.28E-03
	FWU52K	1.98E-02	3.11E+00	0.00E+00	3.11E+00	0.00E+00	0.00E+00	2.04E+00	1.17E-06	9.26E-03	1.02E-01	0.00E+00	0.00E+00	5.48E-11	1.06E-09	7.60E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04	1.09E-01	4.35E+01	0.00E+00	4.78E-09	1.61E-07	2.56E-02	7.80E-05	5.81E-02	0.00E+00	4.35E+01	1.23E-07	4.35E+01	4.36E+01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-02
	FWU52K1	1.99E-02	3.14E+00	0.00E+00	3.14E+00	0.00E+00	0.00E+00	2.06E+00	1.18E-06	9.34E-03	1.03E-01	0.00E+00	0.00E+00	5.53E-11	1.07E-09	7.67E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04	1.10E-01	4.39E+01	0.00E+00	4.83E-09	1.62E-07	2.59E-02	7.87E-05	5.86E-02	0.00E+00	4.39E+01	1.24E-07	4.39E+01	4.40E+01	5.86E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-02
	FWU52K2	2.03E-02	3.20E+00	0.00E+00	3.20E+00	0.00E+00	0.00E+00	2.10E+00	1.20E-06	9.52E-03	1.04E-01	0.00E+00	0.00E+00	5.64E-11	1.09E-09	7.81E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04	1.13E-01	4.48E+01	0.00E+00	4.92E-09	1.65E-07	2.63E-02	8.02E-05	5.97E-02	0.00E+00	4.48E+01	1.26E-07	4.48E+01	4.48E+01	5.97E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
	FWU52K3	1.86E-02	2.94E+00	0.00E+00	2.94E+00	0.00E+00	0.00E+00	1.93E+00	1.10E-06	8.74E-03	9.59E-02	0.00E+00	0.00E+00	5.17E-11	1.00E-09	7.17E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04	1.03E-01	4.11E+01	0.00E+00	4.51E-09	1.52E-07	2.42E-02	7.36E-05	5.48E-02	0.00E+00	4.11E+01	1.16E-07	4.11E+01	4.11E+01	5.48E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-02
	FWU52L	9.98E-03	1.57E+00	0.00E+00	1.57E+00	0.00E+00	0.00E+00	1.03E+00	5.91E-07	4.68E-03	5.13E-02	0.00E+00	0.00E+00	2.77E-11	5.36E-10	3.84E-03	0.00E+00	0.00E+00	0.00E+00	1.39E-04	5.53E-02	2.20E+01	0.00E+00	2.42E-09	8.12E-08	1.29E-02	3.94E-05	2.93E-02	0.00E+00	2.20E+01	6.20E-08	2.20E+01	2.20E+01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	5.98E-03
	FWU52M2	2.03E-02	3.20E+00	0.00E+00	3.20E+00	0.00E+00	0.00E+00	2.10E+00	1.20E-06	9.52E-03	1.04E-01	0.00E+00	0.00E+00	5.64E-11	1.09E-09	7.81E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04	1.13E-01	4.47E+01	0.00E+00	4.92E-09	1.65E-07	2.63E-02	8.02E-05	5.97E-02	0.00E+00	4.47E+01	1.26E-07	4.47E+01	4.48E+01	5.97E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-02
	FWU52S	2.07E-02	3.26E+00	0.00E+00	3.26E+00	0.00E+00	0.00E+00	2.14E+00	1.23E-06	9.70E-03	1.06E-01	0.00E+00	0.00E+00	5.74E-11	1.11E-09	7.96E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04	1.15E-01	4.56E+01	0.00E+00	5.01E-09	1.68E-07	2.68E-02	8.17E-05	6.08E-02	0.00E+00	4.56E+01	1.29E-07	4.56E+01	4.57E+01	6.08E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-02
	FWU52S1	2.05E-02	3.23E+00	0.00E+00	3.23E+00	0.00E+00	0.00E+00	2.12E+00	1.21E-06	9.59E-03	1.05E-01	0.00E+00	0.00E+00	5.68E-11	1.10E-09	7.87E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04	1.13E-01	4.51E+01	0.00E+00	4.95E-09	1.66E-07	2.65E-02	8.07E-05	6.01E-02	0.00E+00	4.51E+01	1.27E-07	4.51E+01	4.51E+01	6.01E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-02
	FWU53D	2.38E-02	3.76E+00	0.00E+00	3.76E+00	0.00E+00	0.00E+00	2.46E+00	1.41E-06	1.12E-02	1.23E-01	0.00E+00	0.00E+00	6.61E-11	1.28E-09	9.16E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-04	1.32E-01	5.25E+01	0.00E+00	5.77E-09	1.94E-07	3.09E-02	9.41E-05	7.00E-02	0.00E+00	5.25E+01	1.48E-07	5.25E+01	5.26E+01	7.00E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-02
	FWU53K	3.00E-02	4.74E+00	0.00E+00	4.74E+00	0.00E+00	0.00E+00	3.11E+00	1.78E-06	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	4.19E-04	1.66E-01	6.61E+01	0.00E+00	7.27E-09	2.44E-07	3.89E-02	1.19E-04	8.83E-02	0.00E+00	6.61E+01	1.87E-07	6.61E+01	6.62E+01	8.83E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-02
	FWU53L	1.45E-02	2.28E+00	0.00E+00	2.28E+00	0.00E+00	0.00E+00	1.50E+00	8.58E-07	6.79E-03	7.45E-02	0.00E+00	0.00E+00	4.02E-11	7.78E-10	5.57E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-04	8.03E-02	3.19E+01	0.00E+00	3.51E-09	1.18E-07	1.88E-02	5.72E-05	4.26E-02	0.00E+00	3.19E+01	9.01E-08	3.19E+01	3.20E+01	4.26E-02	0.00E+00	0.00E+00	0.00E+00	8.69E-03
	FWU61L	8.46E-03	1.33E+00	0.00E+00	1.33E+00	0.00E+00	0.00E+00	8.75E-01	5.01E-07	3.96E-03	4.35E-02	0.00E+00	0.00E+00	2.35E-11	4.54E-10	3.25E-03	0.00E+00	0.00E+00	0.00E+00	1.18E-04	4.69E-02	1.86E+01	0.00E+00	2.05E-09	6.88E-08	1.10E-02	3.34E-05	2.49E-02	0.00E+00	1.86E+01	5.26E-08	1.86E+01	1.87E+01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	5.07E-03
	FWU61S	1.50E-02	2.36E+00	0.00E+00	2.36E+00	0.00E+00	0.00E+00	1.55E+00	8.86E-07	7.02E-03	7.70E-02	0.00E+00	0.00E+00	4.15E-11	8.03E-10	5.76E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04	8.30E-02	3.30E+01	0.00E+00	3.62E-09	1.22E-07	1.94E-02	5.91E-05	4.40E-02	0.00E+00	3.30E+01	9.30E-08	3.30E+01	3.30E+01	4.40E-02	0.00E+00	0.00E+00	0.00E+00	8.97E-03
	FWU62K	2.45E-02	3.87E+00	0.00E+00	3.87E+00	0.00E+00	0.00E+00	2.54E+00	1.45E-06	1.15E-02	1.26E-01	0.00E+00	0.00E+00	6.80E-11	1.32E-09	9.43E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04	1.36E-01	5.40E+01	0.00E+00	5.93E-09	1.99E-07	3.18E-02	9.68E-05	7.21E-02	0.00E+00	5.40E+01	1.52E-07	5.40E+01	5.41E+01	7.21E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-02
	FWU62K1	2.37E-02	3.74E+00	0.00E+00	3.74E+00	0.00E+00	0.00E+00	2.46E+00	1.41E-06	1.11E-02	1.22E-01	0.00E+00	0.00E+00	6.59E-11	1.27E-09	9.13E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04	1.32E-01	5.23E+01	0.00E+00	5.75E-09	1.93E-07	3.08E-02	9.37E-05	6.98E-02	0.00E+00	5.23E+01	1.48E-07	5.23E+01	5.24E+01	6.98E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-02
	FWU62K2	2.32E-02	3.65E+00	0.00E+00	3.65E+00	0.00E+00	0.00E+00	2.40E+00	1.37E-06	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	3.24E-04	1.28E-01	5.11E+01	0.00E+00	5.61E-09	1.89E-07	3.01E-02	9.15E-05	6.81E-02	0.00E+00	5.11E+01	1.44E-07	5.11E+01	5.11E+01	6.81E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-02
	FWU62L	1.13E-02	1.78E+00	0.00E+00	1.78E+00	0.00E+00	0.00E+00	1.17E+00	6.69E-07	5.30E-03	5.81E-02	0.00E+00	0.00E+00	3.14E-11	6.07E-10	4.35E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04	6.26E-02	2.49E+01	0.00E+00	2.74E-09	9.19E-08	1.47E-02	4.46E-05	3.32E-02	0.00E+00	2.49E+01	7.03E-08	2.49E+01	2.49E+01	3.32E-02	0.00E+00	0.00E+00	0.00E+00	6.78E-03
	FWU62M2	2.37E-02	3.74E+00	0.00E+00	3.74E+00	0.00E+00	0.00E+00	2.45E+00	1.41E-06	1.11E-02	1.22E-01	0.00E+00	0.00E+00	6.58E-11	1.27E-09	9.12E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04	1.31E-01	5.23E+01	0.00E+00	5.74E-09	1.93E-07	3.08E-02	9.37E-05	6.97E-02	0.00E+00	5.23E+01	1.47E-07	5.23E+01	5.23E+01	6.97E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-02
	FWU62M3	2.48E-02	3.91E+00	0.00E+00	3.91E+00	0.00E+00	0.00E+00	2.57E+00	1.47E-06	1.16E-02	1.28E-01	0.00E+00	0.00E+00	6.89E-11	1.33E-09	9.55E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04	1.38E-01	5.47E+01	0.00E+00	6.01E-09	2.02E-07	3.22E-02	9.80E-05	7.30E-02	0.00E+00	5.47E+01	1.54E-07	5.47E+01	5.48E+01	7.30E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-02
	FWU62N	2.32E-02	3.65E+00	0.00E+00	3.65E+00	0.00E+00	0.00E+00	2.40E+00	1.37E-06	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	3.23E-04	1.28E-01	5.10E+01	0.00E+00	5.61E-09	1.88E-07	3.00E-02	9.14E-05	6.81E-02	0.00E+00	5.10E+01	1.44E-07	5.10E+01	5.11E+01	6.81E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-02
	FWU62S	2.43E-02	3.83E+00	0.00E+00	3.83E+00	0.00E+00	0.00E+00	2.51E+00	1.44E-06	1.14E-02	1.25E-01	0.00E+00	0.00E+00	6.74E-11	1.30E-09	9.34E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04	1.35E-01	5.35E+01	0.00E+00	5.88E-09	1.97E-07	3.15E-02	9.59E-05	7.14E-02	0.00E+00	5.35E+01	1.51E-07	5.35E+01	5.36E+01	7.14E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-02
	FWU62S1	2.38E-02	3.75E+00	0.00E+00	3.75E+00	0.00E+00	0.00E+00	2.46E+00	1.41E-06	1.12E-02	1.22E-01	0.00E+00	0.00E+00	6.60E-11	1.28E-09	9.15E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04	1.32E-01	5.24E+01	0.00E+00	5.76E-09	1.94E-07	3.09E-02	9.40E-05	7.00E-02	0.00E+00	5.24E+01	1.48E-07	5.24E+01	5.25E+01	7.00E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-02
	FWU63N	3.43E-02	5.42E+00	0.00E+00	5.42E+00	0.00E+00	0.00E+00	3.55E+00	2.03E-06	1.61E-02	1.77E-01	0.00E+00	0.00E+00	9.53E-11	1.84E-09	1.32E-02	0.00E+00	0.00E+00	0.00E+00	4.80E-04	1.90E-01	7.57E+01	0.00E+00	8.31E-09	2.79E-07	4.46E-02	1.36E-04	1.01E-01	0.00E+00	7.57E+01	2.14E-07	7.57E+01	7.58E+01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	2.06E-02
	FWU63S	3.32E-02	5.24E+00	0.00E+00	5.24E+00	0.00E+00	0.00E+00	3.44E+00	1.97E-06	1.56E-02	1.71E-01	0.00E+00	0.00E+00	9.22E-11	1.78E-09	1.28E-02	0.00E+00	0.00E+00	0.00E+00	4.64E-04	1.84E-01	7.32E+01	0.00E+00	8.05E-09	2.70E-07	4.31E-02	1.31E-04	9.77E-02	0.00E+00	7.32E+01	2.07E-07	7.32E+01	7.33E+01	9.77E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-02
	FWU63S1	3.49E-02	5.51E+00	0.00E+00	5.51E+00	0.00E+00	0.00E+00	3.61E+00	2.07E-06	1.64E-02	1.80E-01	0.00E+00	0.00E+00	9.69E-11	1.87E-09	1.34E-02	0.00E+00	0.00E+00	0.00E+00	4.87E-04	1.94E-01	7.69E+01	0.00E+00	8.45E-09	2.84E-07	4.53E-02	1.38E-04	1.03E-01	0.00E+00	7.69E+01	2.17E-07	7.69E+01	7.70E+01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.09E-02
	FWU71L	1.12E-02	1.77E+00	0.00E+00	1.77E+00	0.00E+00	0.00E+00	1.16E+00	6.66E-07	5.27E-03	5.78E-02	0.00E+00	0.00E+00	3.12E-11	6.03E-10	4.32E-03	0.00E+00	0.00E+00	0.00E+00	1.57E-04	6.23E-02	2.48E+01	0.00E+00	2.72E-09	9.14E-08	1.46E-02	4.44E-05	3.30E-02	0.00E+00	2.48E+01	6.99E-08	2.48E+01	2.48E+01	3.30E-02	0.00E+00	0.00E+00	0.00E+00	6.74E-03
	FWU71S	1.73E-02	2.73E+00	0.00E+00	2.73E+00	0.00E+00	0.00E+00	1.79E+00	1.03E-06	8.11E-03	8.90E-02	0.00E+00	0.00E+00	4.80E-11	9.29E-10	6.66E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04	9.59E-02	3.81E+01	0.00E+00	4.19E-09	1.41E-07	2.24E-02	6.83E-05	5.09E-02	0.00E+00	3.81E+01	1.08E-07	3.81E+01	3.82E+01	5.09E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-02
	FWU71S1	1.77E-02	2.80E+00	0.00E+00	2.80E+00	0.00E+00	0.00E+00	1.83E+00	1.05E-06	8.31E-03	9.12E-02	0.00E+00	0.00E+00	4.92E-11	9.52E-10	6.82E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04	9.83E-02	3.90E+01	0.00E+00	4.29E-09	1.44E-07	2.30E-02	7.00E-05	5.21E-02	0.00E+00	3.90E+01	1.10E-07	3.90E+01	3.91E+01	5.21E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-02
	FWU72K1	2.37E-02	3.74E+00	0.00E+00	3.74E+00	0.00E+00	0.00E+00	2.45E+00	1.40E-06	1.11E-02	1.22E-01	0.00E+00	0.00E+00	6.58E-11	1.27E-09	9.12E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04	1.31E-01	5.22E+01	0.00E+00	5.74E-09	1.93E-07	3.07E-02	9.36E-05	6.97E-02	0.00E+00	5.22E+01	1.47E-07	5.22E+01	5.23E+01	6.97E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-02
	FWU72L	1.28E-02	2.02E+00	0.00E+00	2.02E+00	0.00E+00	0.00E+00	1.32E+00	7.58E-07	6.00E-03	6.58E-02	0.00E+00	0.00E+00	3.55E-11	6.87E-10	4.92E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04	7.10E-02	2.82E+01	0.00E+00	3.10E-09	1.04E-07	1.66E-02	5.06E-05	3.76E-02	0.00E+00	2.82E+01	7.96E-08	2.82E+01	2.82E+01	3.76E-02	0.00E+00	0.00E+00	0.00E+00	7.68E-03
	FWU72M2	2.85E-02	4.49E+00	0.00E+00	4.49E+00	0.00E+00	0.00E+00	2.94E+00	1.69E-06	1.33E-02	1.46E-01	0.00E+00	0.00E+00	7.90E-11	1.53E-09	1.09E-02	0.00E+00	0.00E+00	0.00E+00	3.97E-04	1.58E-01	6.27E+01	0.00E+00	6.89E-09	2.31E-07	3.69E-02	1.12E-04	8.36E-02	0.00E+00	6.27E+01	1.77E-07	6.27E+01	6.28E+01	8.36E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-02
	FWU72N	2.72E-02	4.29E+00	0.00E+00	4.29E+00	0.00E+00	0.00E+00	2.82E+00	1.61E-06	1.28E-02	1.40E-01	0.00E+00	0.00E+00	7.56E-11	1.46E-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	6.59E-09	2.21E-07	3.53E-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-02
	FWU72S	2.78E-02	4.38E+00	0.00E+00	4.38E+00	0.00E+00	0.00E+00	2.87E+00	1.65E-06	1.30E-02	1.43E-01	0.00E+00	0.00E+00	7.71E-11	1.49E-09	1.07E-02	0.00E+00	0.00E+00	0.00E+00	3.88E-04	1.54E-01	6.12E+01	0.00E+00	6.73E-09	2.26E-07	3.60E-02	1.10E-04	8.17E-02	0.00E+00	6.12E+01	1.73E-07	6.12E+01	6.13E+01	8.17E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-02
	FWU73D	2.83E-02	4.46E+00	0.00E+00	4.46E+00	0.00E+00	0.00E+00	2.93E+00	1.68E-06	1.33E-02	1.46E-01	0.00E+00	0.00E+00	7.86E-11	1.52E-09	1.09E-02	0.00E+00	0.00E+00	0.00E+00	3.95E-04	1.57E-01	6.24E+01	0.00E+00	6.85E-09	2.30E-07	3.67E-02	1.12E-04	8.32E-02	0.00E+00	6.24E+01	1.76E-07	6.24E+01	6.24E+01	8.32E-02	0.00E+00	0.00E+00	0.00E+00	1.70E-02
	FWU73L	1.86E-02	2.93E+00	0.00E+00	2.93E+00	0.00E+00	0.00E+00	1.92E+00	1.10E-06	8.72E-03	9.57E-02	0.00E+00	0.00E+00	5.16E-11	9.99E-10	7.16E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04	1.03E-01	4.10E+01	0.00E+00	4.50E-09	1.51E-07	2.41E-02	7.34E-05	5.47E-02	0.00E+00	4.10E+01	1.16E-07	4.10E+01	4.10E+01	5.47E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-02
	FWU73N	3.78E-02	5.97E+00	0.00E+00	5.97E+00	0.00E+00	0.00E+00	3.91E+00	2.24E-06	1.77E-02	1.95E-01	0.00E+00	0.00E+00	1.05E-10	2.03E-09	1.46E-02	0.00E+00	0.00E+00	0.00E+00	5.28E-04	2.10E-01	8.33E+01	0.00E+00	9.16E-09	3.08E-07	4.91E-02	1.49E-04	1.11E-01	0.00E+00	8.33E+01	2.35E-07	8.33E+01	8.35E+01	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
	FWU73S	3.67E-02	5.79E+00	0.00E+00	5.79E+00	0.00E+00	0.00E+00	3.80E+00	2.18E-06	1.72E-02	1.89E-01	0.00E+00	0.00E+00	1.02E-10	1.97E-09	1.41E-02	0.00E+00	0.00E+00	0.00E+00	5.13E-04	2.04E-01	8.09E+01	0.00E+00	8.89E-09	2.99E-07	4.76E-02	1.45E-04	1.08E-01	0.00E+00	8.09E+01	2.28E-07	8.09E+01	8.10E+01	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
	FWU73S1	3.73E-02	5.88E+00	0.00E+00	5.88E+00	0.00E+00	0.00E+00	3.86E+00	2.21E-06	1.75E-02	1.92E-01	0.00E+00	0.00E+00	1.03E-10	2.00E-09	1.43E-02	0.00E+00	0.00E+00	0.00E+00	5.21E-04	2.07E-01	8.21E+01	0.00E+00	9.03E-09	3.03E-07	4.84E-02	1.47E-04	1.10E-01	0.00E+00	8.21E+01	2.32E-07	8.21E+01	8.22E+01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.24E-02
	FZ005N	2.88E-03	4.54E-01	0.00E+00	4.54E-01	0.00E+00	0.00E+00	2.98E-01	1.70E-07	1.35E-03	1.48E-02	0.00E+00	0.00E+00	7.98E-12	1.54E-10	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.02E-05	1.59E-02	6.34E+00	0.00E+00	6.96E-10	2.34E-08	3.73E-03	1.14E-05	8.46E-03	0.00E+00	6.34E+00	1.79E-08	6.34E+00	6.35E+00	8.46E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
	FZ006N	4.22E-03	6.66E-01	0.00E+00	6.66E-01	0.00E+00	0.00E+00	4.37E-01	2.50E-07	1.98E-03	2.17E-02	0.00E+00	0.00E+00	1.17E-11	2.27E-10	1.62E-03	0.00E+00	0.00E+00	0.00E+00	5.89E-05	2.34E-02	9.30E+00	0.00E+00	1.02E-09	3.43E-08	5.48E-03	1.67E-05	1.24E-02	0.00E+00	9.30E+00	2.62E-08	9.30E+00	9.31E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	2.53E-03
	FZ010N	5.81E-03	9.17E-01	0.00E+00	9.17E-01	0.00E+00	0.00E+00	6.01E-01	3.44E-07	2.72E-03	2.99E-02	0.00E+00	0.00E+00	1.61E-11	3.12E-10	2.24E-03	0.00E+00	0.00E+00	0.00E+00	8.12E-05	3.22E-02	1.28E+01	0.00E+00	1.41E-09	4.73E-08	7.54E-03	2.29E-05	1.71E-02	0.00E+00	1.28E+01	3.61E-08	1.28E+01	1.28E+01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	3.49E-03
	FZ011N	3.18E-03	5.01E-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	8.82E-12	1.71E-10	1.22E-03	0.00E+00	0.00E+00	0.00E+00	4.44E-05	1.76E-02	7.00E+00	0.00E+00	7.69E-10	2.58E-08	4.12E-03	1.25E-05	9.34E-03	0.00E+00	7.00E+00	1.98E-08	7.00E+00	7.01E+00	9.34E-03	0.00E+00	0.00E+00	0.00E+00	1.91E-03
	FZ014N	6.59E-03	1.04E+00	0.00E+00	1.04E+00	0.00E+00	0.00E+00	6.82E-01	3.91E-07	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-05	3.66E-02	1.45E+01	0.00E+00	1.60E-09	5.36E-08	8.55E-03	2.60E-05	1.94E-02	0.00E+00	1.45E+01	4.10E-08	1.45E+01	1.45E+01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	3.95E-03
	FZ021N	4.08E-03	6.43E-01	0.00E+00	6.43E-01	0.00E+00	0.00E+00	4.21E-01	2.41E-07	1.91E-03	2.10E-02	0.00E+00	0.00E+00	1.13E-11	2.19E-10	1.57E-03	0.00E+00	0.00E+00	0.00E+00	5.69E-05	2.26E-02	8.98E+00	0.00E+00	9.86E-10	3.31E-08	5.29E-03	1.61E-05	1.20E-02	0.00E+00	8.98E+00	2.53E-08	8.98E+00	8.99E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03
	FZ026N	4.69E-03	7.40E-01	0.00E+00	7.40E-01	0.00E+00	0.00E+00	4.85E-01	2.78E-07	2.20E-03	2.41E-02	0.00E+00	0.00E+00	1.30E-11	2.52E-10	1.81E-03	0.00E+00	0.00E+00	0.00E+00	6.55E-05	2.60E-02	1.03E+01	0.00E+00	1.14E-09	3.82E-08	6.09E-03	1.85E-05	1.38E-02	0.00E+00	1.03E+01	2.92E-08	1.03E+01	1.04E+01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	2.81E-03
	FZ402	1.94E-04	3.06E-02	0.00E+00	3.06E-02	0.00E+00	0.00E+00	2.01E-02	1.15E-08	9.10E-05	9.98E-04	0.00E+00	0.00E+00	5.38E-13	1.04E-11	7.46E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	1.08E-03	4.27E-01	0.00E+00	4.70E-11	1.58E-09	2.52E-04	7.66E-07	5.70E-04	0.00E+00	4.27E-01	1.21E-09	4.27E-01	4.28E-01	5.70E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04
	FZ403	1.05E-04	1.65E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.08E-02	6.20E-09	4.90E-05	5.38E-04	0.00E+00	0.00E+00	2.90E-13	5.62E-12	4.02E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.80E-04	2.31E-01	0.00E+00	2.53E-11	8.51E-10	1.36E-04	4.13E-07	3.08E-04	0.00E+00	2.31E-01	6.50E-10	2.31E-01	2.31E-01	3.08E-04	0.00E+00	0.00E+00	0.00E+00	6.27E-05
	FZ708D	1.97E-02	2.92E+00	0.00E+00	2.92E+00	0.00E+00	0.00E+00	1.91E+00	1.10E-06	8.68E-03	9.52E-02	0.00E+00	0.00E+00	5.14E-11	9.94E-10	7.12E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04	1.03E-01	4.08E+01	0.00E+00	4.48E-09	1.51E-07	2.40E-02	7.31E-05	5.44E-02	0.00E+00	4.08E+01	1.15E-07	4.08E+01	4.08E+01	5.44E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-02
	HK1000AB	4.08E-04	6.04E-02	0.00E+00	6.04E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.80E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.06E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.35E-06	2.12E-03	8.44E-01	0.00E+00	9.27E-11	3.12E-09	4.97E-04	1.51E-06	1.13E-03	0.00E+00	8.44E-01	2.38E-09	8.44E-01	8.45E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
	JP002	5.96E-05	9.40E-03	0.00E+00	9.40E-03	0.00E+00	0.00E+00	6.16E-03	3.53E-09	2.79E-05	3.07E-04	0.00E+00	0.00E+00	1.65E-13	3.20E-12	2.29E-05	0.00E+00	0.00E+00	0.00E+00	8.32E-07	3.30E-04	1.31E-01	0.00E+00	1.44E-11	4.85E-10	7.73E-05	2.35E-07	1.75E-04	0.00E+00	1.31E-01	3.71E-10	1.31E-01	1.31E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-05
	JP011	2.76E-05	4.36E-03	0.00E+00	4.36E-03	0.00E+00	0.00E+00	2.86E-03	1.64E-09	1.30E-05	1.42E-04	0.00E+00	0.00E+00	7.67E-14	1.48E-12	1.06E-05	0.00E+00	0.00E+00	0.00E+00	3.86E-07	1.53E-04	6.09E-02	0.00E+00	6.69E-12	2.25E-10	3.58E-05	1.09E-07	8.12E-05	0.00E+00	6.09E-02	1.72E-10	6.09E-02	6.10E-02	8.12E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-05
	JP015	4.26E-05	6.72E-03	0.00E+00	6.72E-03	0.00E+00	0.00E+00	4.41E-03	2.52E-09	2.00E-05	2.19E-04	0.00E+00	0.00E+00	1.18E-13	2.29E-12	1.64E-05	0.00E+00	0.00E+00	0.00E+00	5.95E-07	2.36E-04	9.39E-02	0.00E+00	1.03E-11	3.47E-10	5.53E-05	1.68E-07	1.25E-04	0.00E+00	9.39E-02	2.65E-10	9.39E-02	9.40E-02	1.25E-04	0.00E+00	0.00E+00	0.00E+00	2.56E-05
	KU33AHE	1.04E-03	1.64E-01	0.00E+00	1.64E-01	0.00E+00	0.00E+00	1.07E-01	6.15E-08	4.87E-04	5.34E-03	0.00E+00	0.00E+00	2.88E-12	5.58E-11	4.00E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-05	5.76E-03	2.29E+00	0.00E+00	2.51E-10	8.45E-09	1.35E-03	4.10E-06	3.05E-03	0.00E+00	2.29E+00	6.46E-09	2.29E+00	2.29E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	6.23E-04

KU33AHZ	9.50E-03	1.50E+00	0.00E+00	1.50E+00	0.00E+00	0.00E+00	9.83E-01	5.63E-07	4.45E-03	4.89E-02	0.00E+00	0.00E+00	2.64E-11	5.10E-10	3.66E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-04	5.27E-02	2.09E+01	0.00E+00	2.30E-09	7.73E-08	1.23E-02	3.75E-05	2.79E-02	0.00E+00	2.09E+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	6.86E-04	1.08E-01	0.00E+00	1.08E-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	1.90E-12	3.68E-11	2.64E-04	0.00E+00	0.00E+00	0.00E+00	9.58E-06	3.80E-03	1.51E+00	0.00E+00	1.66E-10	5.58E-09	8.90E-04	2.71E-06	2.02E-03	0.00E+00	1.51E+00	4.27E-09	1.51E+00	1.51E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	4.12E-04
KU33OHZGB	7.84E-03	1.24E+00	0.00E+00	1.24E+00	0.00E+00	0.00E+00	8.10E-01	4.64E-07	3.67E-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	1.09E-04	4.34E-02	1.73E+01	0.00E+00	1.90E-09	6.37E-08	1.02E-02	3.09E-05	2.30E-02	0.00E+00	1.73E+01	4.87E-08	1.73E+01	1.73E+01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	4.70E-03
KU33VGAZ	1.01E-02	1.59E+00	0.00E+00	1.59E+00	0.00E+00	0.00E+00	1.04E+00	5.97E-07	4.72E-03	5.18E-02	0.00E+00	0.00E+00	2.80E-11	5.41E-10	3.88E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-04	5.59E-02	2.22E+01	0.00E+00	2.44E-09	8.20E-08	1.31E-02	3.98E-05	2.96E-02	0.00E+00	2.22E+01	6.27E-08	2.22E+01	2.22E+01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	6.04E-03
KU33VGLZ	6.60E-03	1.04E+00	0.00E+00	1.04E+00	0.00E+00	0.00E+00	6.83E-01	3.91E-07	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-05	3.66E-02	1.45E+01	0.00E+00	1.60E-09	5.37E-08	8.56E-03	2.61E-05	1.94E-02	0.00E+00	1.45E+01	4.10E-08	1.45E+01	1.46E+01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	3.96E-03
KU40XXE	2.18E-04	3.44E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.26E-02	1.29E-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	3.05E-06	1.21E-03	4.80E-01	0.00E+00	5.28E-11	1.77E-09	2.83E-04	8.61E-07	6.41E-04	0.00E+00	4.80E-01	1.36E-09	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	7.03E-08	5.56E-04	6.10E-03	0.00E+00	0.00E+00	3.29E-12	6.37E-11	4.56E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-05	6.58E-03	2.61E+00	0.00E+00	2.87E-10	9.65E-09	1.54E-03	4.68E-06	3.49E-03	0.00E+00	2.61E+00	7.38E-09	2.61E+00	2.62E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	7.12E-04
KU73S50	1.45E-03	2.29E-01	0.00E+00	2.29E-01	0.00E+00	0.00E+00	1.50E-01	8.62E-08	6.82E-04	7.48E-03	0.00E+00	0.00E+00	4.04E-12	7.81E-11	5.60E-04	0.00E+00	0.00E+00	0.00E+00	2.03E-05	8.06E-03	3.20E+00	0.00E+00	3.52E-10	1.18E-08	1.89E-03	5.74E-06	4.28E-03	0.00E+00	3.20E+00	9.04E-09	3.20E+00	3.21E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	8.72E-04
KU73S60	2.03E-03	3.21E-01	0.00E+00	3.21E-01	0.00E+00	0.00E+00	2.10E-01	1.20E-07	9.54E-04	1.05E-02	0.00E+00	0.00E+00	5.65E-12	1.09E-10	7.82E-04	0.00E+00	0.00E+00	0.00E+00	2.84E-05	1.13E-02	4.48E+00	0.00E+00	4.92E-10	1.65E-08	2.64E-03	8.03E-06	5.98E-03	0.00E+00	4.48E+00	1.26E-08	4.48E+00	4.49E+00	5.98E-03	0.00E+00	0.00E+00	0.00E+00	1.22E-03
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	6.26E-04	6.86E-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	1.86E-05	7.40E-03	2.94E+00	0.00E+00	3.23E-10	1.09E-08	1.73E-03	5.27E-06	3.92E-03	0.00E+00	2.94E+00	8.30E-09	2.94E+00	2.94E+00	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-07	5.96E-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	1.78E-04	7.05E-02	2.80E+01	0.00E+00	3.08E-09	1.03E-07	1.65E-02	5.02E-05	3.74E-02	0.00E+00	2.80E+01	7.91E-08	2.80E+01	2.81E+01	3.74E-02	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	2.50E+00	0.00E+00	2.75E-10	9.24E-09	1.47E-03	4.48E-06	3.34E-03	0.00E+00	2.50E+00	7.06E-09	2.50E+00	2.51E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	6.81E-04
U96N	1.46E-03	2.30E-01	0.00E+00	2.30E-01	0.00E+00	0.00E+00	1.51E-01	8.64E-08	6.84E-04	7.50E-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+00	0.00E+00	3.53E-10	1.19E-08	1.89E-03	5.76E-06	4.29E-03	0.00E+00	3.21E+00	9.07E-09	3.21E+00	3.22E+00	4.29E-03	0.00E+00	0.00E+00	0.00E+00	8.75E-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-07	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	3.13E-05	1.24E-02	4.93E+00	0.00E+00	5.42E-10	1.82E-08	2.90E-03	8.84E-06	6.58E-03	0.00E+00	4.93E+00	1.39E-08	4.93E+00	4.94E+00	6.58E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-03
UC11BA	4.02E-04	6.34E-02	0.00E+00	6.34E-02	0.00E+00	0.00E+00	4.16E-02	2.38E-08	1.88E-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-06	2.23E-03	8.85E-01	0.00E+00	9.73E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.87E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
UC12BA	6.67E-04	1.05E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.90E-02	3.95E-08	3.12E-04	3.43E-03	0.00E+00	0.00E+00	1.85E-12	3.58E-11	2.56E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-06	3.70E-03	1.47E+00	0.00E+00	1.61E-10	5.42E-09	8.65E-04	2.63E-06	1.96E-03	0.00E+00	1.47E+00	4.14E-09	1.47E+00	1.47E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-04
UC21LH0	1.33E-03	2.10E-01	0.00E+00	2.10E-01	0.00E+00	0.00E+00	1.38E-01	7.89E-08	6.25E-04	6.85E-03	0.00E+00	0.00E+00	3.70E-12	7.15E-11	5.12E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-05	7.38E-03	2.93E+00	0.00E+00	3.22E-10	1.08E-08	1.73E-03	5.26E-06	3.92E-03	0.00E+00	2.93E+00	8.28E-09	2.93E+00	2.94E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	7.99E-04
UC21LH1	1.35E-03	2.13E-01	0.00E+00	2.13E-01	0.00E+00	0.00E+00	1.40E-01	8.00E-08	6.33E-04	6.95E-03	0.00E+00	0.00E+00	3.75E-12	7.25E-11	5.20E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	7.49E-03	2.98E+00	0.00E+00	3.27E-10	1.10E-08	1.75E-03	5.33E-06	3.97E-03	0.00E+00	2.98E+00	8.40E-09	2.98E+00	2.98E+00	3.97E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-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	2.75E+00	0.00E+00	3.02E-10	1.01E-08	1.62E-03	4.92E-06	3.67E-03	0.00E+00	2.75E+00	7.75E-09	2.75E+00	2.75E+00	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	2.50E+00	0.00E+00	2.75E-10	9.24E-09	1.47E-03	4.48E-06	3.34E-03	0.00E+00	2.50E+00	7.06E-09	2.50E+00	2.51E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	6.81E-04
UC22BA	1.05E-03	1.66E-01	0.00E+00	1.66E-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	4.05E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-05	5.84E-03	2.32E+00	0.00E+00	2.55E-10	8.56E-09	1.37E-03	4.16E-06	3.10E-03	0.00E+00	2.32E+00	6.55E-09	2.32E+00	2.32E+00	3.10E-03	0.00E+00	0.00E+00	0.00E+00	6.31E-04
UC22PEN	1.55E-03	2.44E-01	0.00E+00	2.44E-01	0.00E+00	0.00E+00	1.60E-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	2.16E-05	8.59E-03	3.42E+00	0.00E+00	3.75E-10	1.26E-08	2.01E-03	6.12E-06	4.56E-03	0.00E+00	3.42E+00	9.64E-09	3.42E+00	3.42E+00	4.56E-03	0.00E+00	0.00E+00	0.00E+00	9.30E-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-07	8.46E-04	9.28E-03	0.00E+00	0.00E+00	5.01E-12	9.69E-11	6.94E-04	0.00E+00	0.00E+00	0.00E+00	2.52E-05	1.00E-02	3.98E+00	0.00E+00	4.37E-10	1.47E-08	2.34E-03	7.13E-06	5.31E-03	0.00E+00	3.98E+00	1.12E-08	3.98E+00	3.98E+00	5.31E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-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-07	1.28E-03	1.41E-02	0.00E+00	0.00E+00	7.60E-12	1.47E-10	1.05E-03	0.00E+00	0.00E+00	0.00E+00	3.82E-05	1.52E-02	6.03E+00	0.00E+00	6.63E-10	2.23E-08	3.55E-03	1.08E-05	8.05E-03	0.00E+00	6.03E+00	1.70E-08	6.03E+00	6.04E+00	8.05E-03	0.00E+00	0.00E+00	0.00E+00	1.64E-03
UC32RK	2.30E-03	3.62E-01	0.00E+00	3.62E-01	0.00E+00	0.00E+00	2.38E-01	1.36E-07	1.08E-03	1.18E-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	5.06E+00	0.00E+00	5.56E-10	1.87E-08	2.98E-03	9.07E-06	6.75E-03	0.00E+00	5.06E+00	1.43E-08	5.06E+00	5.07E+00	6.75E-03	0.00E+00	0.00E+00	0.00E+00	1.38E-03
UC34BA	3.88E-03	6.12E-01	0.00E+00	6.12E-01	0.00E+00	0.00E+00	4.02E-01	2.30E-07	1.82E-03	2.00E-02	0.00E+00	0.00E+00	1.08E-11	2.09E-10	1.49E-03	0.00E+00	0.00E+00	0.00E+00	5.42E-05	2.15E-02	8.56E+00	0.00E+00	9.40E-10	3.16E-08	5.04E-03	1.53E-05	1.14E-02	0.00E+00	8.56E+00	2.41E-08	8.56E+00	8.57E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03
UC44BA	3.88E-03	6.12E-01	0.00E+00	6.12E-01	0.00E+00	0.00E+00	4.02E-01	2.30E-07	1.82E-03	2.00E-02	0.00E+00	0.00E+00	1.08E-11	2.08E-10	1.49E-03	0.00E+00	0.00E+00	0.00E+00	5.42E-05	2.15E-02	8.55E+00	0.00E+00	9.40E-10	3.16E-08	5.04E-03	1.53E-05	1.14E-02	0.00E+00	8.55E+00	2.41E-08	8.55E+00	8.56E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03
UD01F1	7.93E-04	1.25E-01	0.00E+00	1.25E-01	0.00E+00	0.00E+00	8.20E-02	4.70E-08	3.72E-04	4.08E-03	0.00E+00	0.00E+00	2.20E-12	4.26E-11	3.05E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-05	4.40E-03	1.75E+00	0.00E+00	1.92E-10	6.45E-09	1.03E-03	3.13E-06	2.33E-03	0.00E+00	1.75E+00	4.93E-09	1.75E+00	1.75E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	4.76E-04
UD01F2	1.43E-03	2.26E-01	0.00E+00	2.26E-01	0.00E+00	0.00E+00	1.48E-01	8.48E-08	6.71E-04	7.36E-03	0.00E+00	0.00E+00	3.97E-12	7.69E-11	5.51E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	7.94E-03	3.15E+00	0.00E+00	3.47E-10	1.16E-08	1.86E-03	5.65E-06	4.21E-03	0.00E+00	3.15E+00	8.90E-09	3.15E+00	3.16E+00	4.21E-03	0.00E+00	0.00E+00	0.00E+00	8.59E-04
UD02F1	1.06E-03	1.67E-01	0.00E+00	1.67E-01	0.00E+00	0.00E+00	1.09E-01	6.26E-08	4.95E-04	5.43E-03	0.00E+00	0.00E+00	2.93E-12	5.67E-11	4.06E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-05	5.85E-03	2.33E+00	0.00E+00	2.56E-10	8.59E-09	1.37E-03	4.17E-06	3.10E-03	0.00E+00	2.33E+00	6.57E-09	2.33E+00	2.33E+00	3.10E-03	0.00E+00	0.00E+00	0.00E+00	6.33E-04
UD02F2	2.06E-03	3.24E-01	0.00E+00	3.24E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.63E-04	1.06E-02	0.00E+00	0.00E+00	5.70E-12	1.10E-10	7.90E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-05	1.14E-02	4.53E+00	0.00E+00	4.97E-10	1.67E-08	2.67E-03	8.11E-06	6.04E-03	0.00E+00	4.53E+00	1.28E-08	4.53E+00	4.53E+00	6.04E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-03
UD11A1	1.00E-03	1.58E-01	0.00E+00	1.58E-01	0.00E+00	0.00E+00	1.04E-01	5.94E-08	4.70E-04	5.16E-03	0.00E+00	0.00E+00	2.78E-12	5.39E-11	3.86E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-05	5.56E-03	2.21E+00	0.00E+00	2.43E-10	8.16E-09	1.30E-03	3.96E-06	2.95E-03	0.00E+00	2.21E+00	6.24E-09	2.21E+00	2.21E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	6.02E-04
UD11B1	1.05E-03	1.65E-01	0.00E+00	1.65E-01	0.00E+00	0.00E+00	1.08E-01	6.20E-08	4.90E-04	5.38E-03	0.00E+00	0.00E+00	2.90E-12	5.61E-11	4.02E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-05	5.80E-03	2.30E+00	0.00E+00	2.53E-10	8.51E-09	1.36E-03	4.13E-06	3.07E-03	0.00E+00	2.30E+00	6.50E-09	2.30E+00	2.31E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00	6.27E-04
UD11C1	1.30E-03	2.04E-01	0.00E+00	2.04E-01	0.00E+00	0.00E+00	1.34E-01	7.68E-08	6.08E-04	6.67E-03	0.00E+00	0.00E+00	3.60E-12	6.96E-11	4.99E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-05	7.19E-03	2.86E+00	0.00E+00	3.14E-10	1.05E-08	1.68E-03	5.12E-06	3.81E-03	0.00E+00	2.86E+00	8.06E-09	2.86E+00	2.86E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00	7.77E-04
UD11F1	5.36E-04	8.45E-02	0.00E+00	8.45E-02	0.00E+00	0.00E+00	5.54E-02	3.17E-08	2.51E-04	2.76E-03	0.00E+00	0.00E+00	1.49E-12	2.88E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.48E-06	2.97E-03	1.18E+00	0.00E+00	1.30E-10	4.36E-09	6.95E-04	2.12E-06	1.58E-03	0.00E+00	1.18E+00	3.33E-09	1.18E+00	1.18E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
UD12A1	1.45E-03	2.29E-01	0.00E+00	2.29E-01	0.00E+00	0.00E+00	1.50E-01	8.61E-08	6.82E-04	7.48E-03	0.00E+00	0.00E+00	4.04E-12	7.81E-11	5.59E-04	0.00E+00	0.00E+00	0.00E+00	2.03E-05	8.06E-03	3.20E+00	0.00E+00	3.52E-10	1.18E-08	1.89E-03	5.74E-06	4.28E-03	0.00E+00	3.20E+00	9.04E-09	3.20E+00	3.21E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	8.72E-04
UD12B1	1.42E-03	2.24E-01	0.00E+00	2.24E-01	0.00E+00	0.00E+00	1.47E-01	8.43E-08	6.67E-04	7.32E-03	0.00E+00	0.00E+00	3.95E-12	7.64E-11	5.47E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-05	7.89E-03	3.14E+00	0.00E+00	3.45E-10	1.16E-08	1.85E-03	5.62E-06	4.18E-03	0.00E+00	3.14E+00	8.85E-09	3.14E+00	3.14E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	8.54E-04
UD12B2	1.44E-03	2.27E-01	0.00E+00	2.27E-01	0.00E+00	0.00E+00	1.49E-01	8.52E-08	6.74E-04	7.40E-03	0.00E+00	0.00E+00	3.99E-12	7.72E-11	5.53E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-05	7.97E-03	3.17E+00	0.00E+00	3.48E-10	1.17E-08	1.87E-03	5.68E-06	4.23E-03	0.00E+00	3.17E+00	8.94E-09	3.17E+00	3.17E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	8.63E-04
UD12B4	2.08E-03	3.28E-01	0.00E+00	3.28E-01	0.00E+00	0.00E+00	2.15E-01	1.23E-07	9.74E-04	1.07E-02	0.00E+00	0.00E+00	5.76E-12	1.12E-10	7.99E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	1.15E-02	4.58E+00	0.00E+00	5.03E-10	1.69E-08	2.69E-03	8.20E-06	6.11E-03	0.00E+00	4.58E+00	1.29E-08	4.58E+00	4.58E+00	6.11E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-03
UD12F1	8.88E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.18E-02	5.26E-08	4.16E-04	4.57E-03	0.00E+00	0.00E+00	2.46E-12	4.77E-11	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.92E-03	1.96E+00	0.00E+00	2.15E-10	7.22E-09	1.15E-03	3.51E-06	2.61E-03	0.00E+00	1.96E+00	5.52E-09	1.96E+00	1.96E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	5.32E-04
UD13A1	1.68E-03	2.65E-01	0.00E+00	2.65E-01	0.00E+00	0.00E+00	1.74E-01	9.94E-08	7.86E-04	8.63E-03	0.00E+00	0.00E+00	4.66E-12	9.01E-11	6.45E-04	0.00E+00	0.00E+00	0.00E+00	2.34E-05	9.30E-03	3.70E+00	0.00E+00	4.06E-10	1.36E-08	2.18E-03	6.62E-06	4.93E-03	0.00E+00	3.70E+00	1.04E-08	3.70E+00	3.70E+00	4.93E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-03
UD13B1	2.00E-03	3.15E-01	0.00E+00	3.15E-01	0.00E+00	0.00E+00	2.07E-01	1.18E-07	9.38E-04	1.03E-02	0.00E+00	0.00E+00	5.55E-12	1.07E-10	7.69E-04	0.00E+00	0.00E+00	0.00E+00	2.79E-05	1.11E-02	4.41E+00	0.00E+00	4.84E-10	1.63E-08	2.59E-03	7.90E-06	5.88E-03	0.00E+00	4.41E+00	1.24E-08	4.41E+00	4.41E+00	5.88E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-03
UD13B2	1.77E-03	2.80E-01	0.00E+00	2.80E-01	0.00E+00	0.00E+00	1.84E-01	1.05E-07	8.32E-04	9.13E-03	0.00E+00	0.00E+00	4.92E-12	9.53E-11	6.83E-04	0.00E+00	0.00E+00	0.00E+00	2.48E-05	9.84E-03	3.91E+00	0.00E+00	4.30E-10	1.44E-08	2.30E-03	7.01E-06	5.22E-03	0.00E+00	3.91E+00	1.10E-08	3.91E+00	3.91E+00	5.22E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-03
UD21A1	1.58E-03	2.49E-01	0.00E+00	2.49E-01	0.00E+00	0.00E+00	1.63E-01	9.34E-08	7.39E-04	8.11E-03	0.00E+00	0.00E+00	4.38E-12	8.47E-11	6.07E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05	8.74E-03	3.48E+00	0.00E+00	3.82E-10	1.28E-08	2.05E-03	6.23E-06	4.64E-03	0.00E+00	3.48E+00	9.81E-09	3.48E+00	3.48E+00	4.64E-03	0.00E+00	0.00E+00	0.00E+00	9.46E-04
UD21A1-LG	1.84E-03	2.91E-01	0.00E+00	2.91E-01	0.00E+00	0.00E+00	1.91E-01	1.09E-07	8.64E-04	9.48E-03	0.00E+00	0.00E+00	5.11E-12	9.89E-11	7.09E-04	0.00E+00	0.00E+00	0.00E+00	2.57E-05	1.02E-02	4.06E+00	0.00E+00	4.46E-10	1.50E-08	2.39E-03	7.27E-06	5.42E-03	0.00E+00	4.06E+00	1.15E-08	4.06E+00	4.06E+00	5.42E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-03
UD21B1	1.95E-03	3.08E-01	0.00E+00	3.08E-01	0.00E+00	0.00E+00	2.02E-01	1.16E-07	9.15E-04	1.00E-02	0.00E+00	0.00E+00	5.42E-12	1.05E-10	7.51E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-05	1.08E-02	4.30E+00	0.00E+00	4.73E-10	1.59E-08	2.53E-03	7.71E-06	5.74E-03	0.00E+00	4.30E+00	1.21E-08	4.30E+00	4.31E+00	5.74E-03	0.00E+00	0.00E+00	0.00E+00	1.17E-03
UD21B5	1.41E-03	2.23E-01	0.00E+00	2.23E-01	0.00E+00	0.00E+00	1.46E-01	8.36E-08	6.62E-04	7.26E-03	0.00E+00	0.00E+00	3.92E-12	7.58E-11	5.43E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-05	7.82E-03	3.11E+00	0.00E+00	3.42E-10	1.15E-08	1.83E-03	5.57E-06	4.15E-03	0.00E+00	3.11E+00	8.77E-09	3.11E+00	3.11E+00	4.15E-03	0.00E+00	0.00E+00	0.00E+00	8.46E-04
UD21C1	2.65E-03	4.19E-01	0.00E+00	4.19E-01	0.00E+00	0.00E+00	2.75E-01	1.57E-07	1.24E-03	1.37E-02	0.00E+00	0.00E+00	7.37E-12	1.43E-10	1.02E-03	0.00E+00	0.00E+00	0.00E+00	3.71E-05	1.47E-02	5.85E+00	0.00E+00	6.43E-10	2.16E-08	3.44E-03	1.05E-05	7.80E-03	0.00E+00	5.85E+00	1.65E-08	5.85E+00	5.86E+00	7.80E-03	0.00E+00	0.00E+00	0.00E+00	1.59E-03
UD21D2B	1.53E-03	2.41E-01	0.00E+00	2.41E-01	0.00E+00	0.00E+00	1.58E-01	9.04E-08	7.15E-04	7.84E-03	0.00E+00	0.00E+00	4.23E-12	8.19E-11	5.87E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05	8.46E-03	3.36E+00	0.00E+00	3.69E-10	1.24E-08	1.98E-03	6.02E-06	4.48E-03	0.00E+00	3.36E+00	9.48E-09	3.36E+00	3.36E+00	4.48E-03	0.00E+00	0.00E+00	0.00E+00	9.15E-04
UD21F1	1.00E-03	1.58E-01	0.00E+00	1.58E-01	0.00E+00	0.00E+00	1.03E-01	5.92E-08	4.69E-04	5.14E-03	0.00E+00	0.00E+00	2.77E-12	5.37E-11	3.85E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-05	5.54E-03	2.20E+00	0.00E+00	2.42E-10	8.13E-09	1.30E-03	3.95E-06	2.94E-03	0.00E+00	2.20E+00	6.22E-09	2.20E+00	2.21E+00	2.94E-03	0.00E+00	0.00E+00	0.00E+00	6.00E-04
UD22F1	1.35E-03	2.13E-01	0.00E+00	2.13E-01	0.00E+00	0.00E+00	1.40E-01	8.02E-08	6.34E-04	6.96E-03	0.00E+00	0.00E+00	3.76E-12	7.27E-11	5.21E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	7.50E-03	2.98E+00	0.00E+00	3.28E-10	1.10E-08	1.76E-03	5.34E-06	3.98E-03	0.00E+00	2.98E+00	8.41E-09	2.98E+00	2.99E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	8.12E-04
UD22G1	2.83E-03	4.47E-01	0.00E+00	4.47E-01	0.00E+00	0.00E+00	2.93E-01	1.68E-07	1.33E-03	1.46E-02	0.00E+00	0.00E+00	7.86E-12	1.52E-10	1.09E-03	0.00E+00	0.00E+00	0.00E+00	3.95E-05	1.57E-02	6.24E+00	0.00E+00	6.86E-10	2.30E-08	3.67E-03	1.12E-05	8.33E-03	0.00E+00	6.24E+00	1.76E-08	6.24E+00	6.25E+00	8.33E-03	0.00E+00	0.00E+00	0.00E+00	1.70E-03
UD31A1	2.34E-03	3.69E-01	0.00E+00	3.69E-01	0.00E+00	0.00E+00	2.42E-01	1.39E-07	1.10E-03	1.20E-02	0.00E+00	0.00E+00	6.50E-12	1.26E-10	9.01E-04	0.00E+00	0.00E+00	0.00E+00	3.27E-05	1.30E-02	5.16E+00	0.00E+00	5.67E-10	1.90E-08	3.04E-03	9.24E-06	6.88E-03	0.00E+00	5.16E+00	1.46E-08	5.16E+00	5.17E+00	6.88E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-03
UD31B1	2.97E-03	4.68E-01	0.00E+00	4.68E-01	0.00E+00	0.00E+00	3.07E-01	1.76E-07	1.39E-03	1.53E-02	0.00E+00	0.00E+00	8.23E-12	1.59E-10	1.14E-03	0.00E+00	0.00E+00	0.00E+00	4.14E-05	1.64E-02	6.53E+00	0.00E+00	7.18E-10	2.41E-08	3.85E-03	1.17E-05	8.72E-03	0.00E+00	6.53E+00	1.84E-08	6.53E+00	6.54E+00	8.72E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-03
UD31C1	3.81E-03	6.00E-01	0.00E+00	6.00E-01	0.00E+00	0.00E+00	3.94E-01	2.26E-07	1.79E-03	1.96E-02	0.00E+00	0.00E+00	1.06E-11	2.04E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.32E-05	2.11E-02	8.39E+00	0.00E+00	9.22E-10	3.10E-08	4.94E-03	1.50E-05	1.12E-02	0.00E+00	8.39E+00	2.37E-08	8.39E+00	8.40E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.28E-03
UD31M1	2.28E-03	3.59E-01	0.00E+00	3.59E-01	0.00E+00	0.00E+00	2.35E-01	1.35E-07	1.07E-03	1.17E-02	0.00E+00	0.00E+00	6.32E-12	1.22E-10	8.75E-04	0.00E+00	0.00E+00	0.00E+00	3.18E-05	1.26E-02	5.01E+00	0.00E+00	5.51E-10	1.85E-08	2.95E-03	8.98E-06	6.69E-03	0.00E+00	5.01E+00	1.41E-08	5.01E+00	5.02E+00	6.69E-03	0.00E+00	0.00E+00	0.00E+00	1.36E-03
UD32A1N	3.34E-03	5.26E-01	0.00E+00	5.26E-01	0.00E+00	0.00E+00	3.45E-01	1.98E-07	1.56E-03	1.72E-02	0.00E+00	0.00E+00	9.26E-12	1.79E-10	1.28E-03	0.00E+00	0.00E+00	0.00E+00	4.66E-05	1.85E-02	7.35E+00	0.00E+00	8.08E-10	2.71E-08	4.33E-03	1.32E-05	9.81E-03	0.00E+00	7.35E+00	2.07E-08	7.35E+00	7.36E+00	9.81E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-03
UD32F1	1.84E-03	2.90E-01	0.00E+00	2.90E-01	0.00E+00	0.00E+00	1.90E-01	1.09E-07	8.63E-04	9.47E-03	0.00E+00	0.00E+00	5.11E-12	9.89E-11	7.08E-04	0.00E+00	0.00E+00	0.00E+00	2.57E-05	1.02E-02	4.06E+00	0.00E+00	4.46E-10	1.50E-08	2.39E-03	7.27E-06	5.41E-03	0.00E+00	4.06E+00	1.14E-08	4.06E+00	4.06E+00	5.41E-03	0.00E+00	0.00E+00	0.00E+00	1.10E-03
UD33A1	5.17E-03	8.16E-01	0.00E+00	8.16E-01	0.00E+00	0.00E+00	5.35E-01	3.06E-07	2.42E-03	2.66E-02	0.00E+00	0.00E+00	1.44E-11	2.78E-10	1.99E-03	0.00E+00	0.00E+00	0.00E+00	7.22E-05	2.87E-02	1.14E+01	0.00E+00	1.25E-09	4.21E-08	6.71E-03	2.04E-05	1.52E-02	0.00E+00	1.14E+01	3.22E-08	1.14E+01	1.14E+01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	3.10E-03
UD33B1	5.88E-03	9.28E-01	0.00E+00	9.28E-01	0.00E+00	0.00E+00	6.08E-01	3.48E-07	2.76E-03	3.03E-02	0.00E+00	0.00E+00	1.63E-11	3.16E-10	2.26E-03	0.00E+00	0.00E+00	0.00E+00	8.21E-05	3.26E-02	1.30E+01	0.00E+00	1.42E-09	4.78E-08	7.63E-03	2.32E-05	1.73E-02	0.00E+00	1.30E+01	3.66E-08	1.30E+01	1.30E+01	1.73E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03
UD41B1	3.78E-03	5.96E-01	0.00E+00	5.96E-01	0.00E+00	0.00E+00	3.91E-01	2.24E-07	1.77E-03	1.95E-02	0.00E+00	0.00E+00	1.05E-11	2.03E-10	1.45E-03	0.00E+00	0.00E+00	0.00E+00	5.28E-05	2.10E-02	8.33E+00	0.00E+00	9.16E-10	3.08E-08	4.91E-03	1.49E-05	1.11E-02	0.00E+00	8.33E+00	2.35E-08	8.33E+00	8.34E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
UD41M1	3.03E-03	4.77E-01	0.00E+00	4.77E-01	0.00E+00	0.00E+00	3.13E-01	1.79E-07	1.42E-03	1.56E-02	0.00E+00	0.00E+00	8.40E-12	1.62E-10	1.16E-03	0.00E+00	0.00E+00	0.00E+00	4.22E-05	1.68E-02	6.67E+00	0.00E+00	7.33E-10	2.46E-08	3.93E-03	1.19E-05	8.90E-03	0.00E+00	6.67E+00	1.88E-08	6.67E+00	6.67E+00	8.90E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-03
UD42B1	5.33E-03	8.40E-01	0.00E+00	8.40E-01	0.00E+00	0.00E+00	5.51E-01	3.16E-07	2.50E-03	2.74E-02	0.00E+00	0.00E+00	1.48E-11	2.86E-10	2.05E-03	0.00E+00	0.00E+00	0.00E+00	7.44E-05	2.95E-02	1.17E+01	0.00E+00	1.29E-09	4.33E-08	6.91E-03	2.10E-05	1.57E-02	0.00E+00	1.17E+01	3.31E-08	1.17E+01	1.18E+01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	3.20E-03
UE11E0	7.01E-04	1.11E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	7.25E-02	4.15E-08	3.29E-04	3.61E-03	0.00E+00	0.00E+00	1.95E-12	3.76E-11	2.70E-04	0.00E+00	0.00E+00	0.00E+00	9.79E-06	3.89E-03	1.54E+00	0.00E+00	1.70E-10	5.70E-09	9.10E-04	2.77E-06	2.06E-03	0.00E+00	1.54E+00	4.36E-09	1.54E+00	1.55E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	4.21E-04
UE21A0	9.17E-04	1.45E-01	0.00E+00	1.45E-01	0.00E+00	0.00E+00	9.49E-02	5.43E-08	4.30E-04	4.72E-03	0.00E+00	0.00E+00	2.55E-12	4.92E-11	3.53E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-05	5.08E-03	2.02E+00	0.00E+00	2.22E-10	7.46E-09	1.19E-03	3.62E-06	2.70E-03	0.00E+00	2.02E+00	5.70E-09	2.02E+00	2.02E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
UE21D1	3.24E-03	5.11E-01	0.00E+00	5.11E-01	0.00E+00	0.00E+00	3.35E-01	1.92E-07	1.52E-03	1.67E-02	0.00E+00	0.00E+00	8.99E-12	1.74E-10	1.25E-03	0.00E+00	0.00E+00	0.00E+00	4.52E-05	1.80E-02	7.14E+00	0.00E+00	7.84E-10	2.64E-08	4.20E-03	1.28E-05	9.53E-03	0.00E+00	7.14E+00	2.01E-08	7.14E+00	7.15E+00	9.53E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-03
UE21D3	3.87E-03	6.10E-01	0.00E+00	6.10E-01	0.00E+00	0.00E+00	4.00E-01	2.29E-07	1.81E-03	1.99E-02	0.00E+00	0.00E+00	1.07E-11	2.08E-10	1.49E-03	0.00E+00	0.00E+00	0.00E+00	5.40E-05	2.14E-02	8.52E+00	0.00E+00	9.36E-10	3.14E-08	5.01E-03	1.53E-05	1.14E-02	0.00E+00	8.52E+00	2.40E-08	8.52E+00	8.53E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
UE21E0	1.09E-03	1.73E-01	0.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-01	6.48E-08	5.13E-04	5.63E-03	0.00E+00	0.00E+00	3.04E-12	5.88E-11	4.21E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	6.07E-03	2.41E+00	0.00E+00	2.65E-10	8.90E-09	1.42E-03	4.32E-06	3.22E-03	0.00E+00	2.41E+00	6.80E-09	2.41E+00	2.41E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	6.56E-04
UE21E2B	1.17E-03	1.84E-01	0.00E+00	1.84E-01	0.00E+00	0.00E+00	1.21E-01	6.91E-08	5.47E-04	6.00E-03	0.00E+00	0.00E+00	3.24E-12	6.26E-11	4.48E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-05	6.46E-03	2.57E+00	0.00E+00	2.82E-10	9.48E-09	1.51E-03	4.60E-06	3.43E-03	0.00E+00	2.57E+00	7.25E-09	2.57E+00	2.57E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	6.99E-04
UE21E5	1.22E-03	1.93E-01	0.00E+00	1.93E-01	0.00E+00	0.00E+00	1.26E-01	7.24E-08	5.73E-04	6.28E-03	0.00E+00	0.00E+00	3.39E-12	6.56E-11	4.70E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-05	6.77E-03	2.69E+00	0.00E+00	2.96E-10	9.94E-09	1.58E-03	4.82E-06	3.59E-03	0.00E+00	2.69E+00	7.59E-09	2.69E+00	2.69E+00	3.59E-03	0.00E+00	0.00E+00	0.00E+00	7.33E-04
UE22E0	1.56E-03	2.46E-01	0.00E+00	2.46E-01	0.00E+00	0.00E+00	1.61E-01	9.23E-08	7.30E-04	8.01E-03	0.00E+00	0.00E+00	4.32E-12	8.36E-11	5.99E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	8.64E-03	3.43E+00	0.00E+00	3.77E-10	1.27E-08	2.02E-03	6.15E-06	4.58E-03	0.00E+00	3.43E+00	9.68E-09	3.43E+00	3.44E+00	4.58E-03	0.00E+00	0.00E+00	0.00E+00	9.34E-04
UE22E5	1.54E-03	2.42E-01	0.00E+00	2.42E-01	0.00E+00	0.00E+00	1.59E-01	9.10E-08	7.20E-04	7.90E-03	0.00E+00	0.00E+00	4.27E-12	8.25E-11	5.91E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-05	8.52E-03	3.39E+00	0.00E+00	3.72E-10	1.25E-08	1.99E-03	6.07E-06	4.52E-03	0.00E+00	3.39E+00	9.55E-09	3.39E+00	3.39E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	9.22E-04
UE22PEN	1.54E-03	2.43E-01	0.00E+00	2.43E-01	0.00E+00	0.00E+00	1.59E-01	9.12E-08	7.22E-04	7.92E-03	0.00E+00	0.00E+00	4.27E-12	8.27E-11	5.92E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-05	8.54E-03	3.39E+00	0.00E+00	3.73E-10	1.25E-08	2.00E-03	6.08E-06	4.53E-03	0.00E+00	3.39E+00	9.57E-09	3.39E+00	3.40E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	9.23E-04
UE31E2B	1.51E-03	2.39E-01	0.00E+00	2.39E-01	0.00E+00	0.00E+00	1.57E-01	8.96E-08	7.09E-04	7.78E-03	0.00E+00	0.00E+00	4.20E-12	8.12E-11	5.82E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-05	8.39E-03	3.33E+00	0.00E+00	3.66E-10	1.23E-08	1.96E-03	5.97E-06	4.45E-03	0.00E+00	3.33E+00	9.41E-09	3.33E+00	3.34E+00	4.45E-03	0.00E+00	0.00E+00	0.00E+00	9.07E-04
UE52K4N	3.85E-03	6.07E-01	0.00E+00	6.07E-01	0.00E+00	0.00E+00	3.98E-01	2.28E-07	1.80E-03	1.98E-02	0.00E+00	0.00E+00	1.07E-11	2.07E-10	1.48E-03	0.00E+00	0.00E+00	0.00E+00	5.37E-05	2.13E-02	8.48E+00	0.00E+00	9.32E-10	3.13E-08	4.99E-03	1.52E-05	1.13E-02	0.00E+00	8.48E+00	2.39E-08	8.48E+00	8.49E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-03
UG41T2	3.03E-03	4.77E-01	0.00E+00	4.77E-01	0.00E+00	0.00E+00	3.13E-01	1.79E-07	1.42E-03	1.56E-02	0.00E+00	0.00E+00	8.39E-12	1.62E-10	1.16E-03	0.00E+00	0.00E+00	0.00E+00	4.22E-05	1.68E-02	6.66E+00	0.00E+00	7.32E-10	2.46E-08	3.92E-03	1.19E-05	8.89E-03	0.00E+00	6.66E+00	1.88E-08	6.66E+00	6.67E+00	8.89E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-03
UG81S3	2.97E-03	4.68E-01	0.00E+00	4.68E-01	0.00E+00	0.00E+00	3.07E-01	1.76E-07	1.39E-03	1.53E-02	0.00E+00	0.00E+00	8.24E-12	1.59E-10	1.14E-03	0.00E+00	0.00E+00	0.00E+00	4.14E-05	1.65E-02	6.54E+00	0.00E+00	7.19E-10	2.41E-08	3.85E-03	1.17E-05	8.73E-03	0.00E+00	6.54E+00	1.85E-08	6.54E+00	6.55E+00	8.73E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-03
UK21A3	1.20E-03	1.89E-01	0.00E+00	1.89E-01	0.00E+00	0.00E+00	1.24E-01	7.11E-08	5.62E-04	6.17E-03	0.00E+00	0.00E+00	3.33E-12	6.44E-11	4.61E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	6.65E-03	2.64E+00	0.00E+00	2.90E-10	9.76E-09	1.56E-03	4.74E-06	3.53E-03	0.00E+00	2.64E+00	7.46E-09	2.64E+00	2.65E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	7.19E-04
UK21LH0	1.63E-03	2.57E-01	0.00E+00	2.57E-01	0.00E+00	0.00E+00	1.69E-01	9.65E-08	7.64E-04	8.38E-03	0.00E+00	0.00E+00	4.52E-12	8.75E-11	6.27E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-05	9.03E-03	3.59E+00	0.00E+00	3.94E-10	1.33E-08	2.11E-03	6.43E-06	4.79E-03	0.00E+00	3.59E+00	1.01E-08	3.59E+00	3.59E+00	4.79E-03	0.00E+00	0.00E+00	0.00E+00	9.77E-04
UK21LH1	1.55E-03	2.44E-01	0.00E+00	2.44E-01	0.00E+00	0.00E+00	1.60E-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	2.16E-05	8.59E-03	3.42E+00	0.00E+00	3.75E-10	1.26E-08	2.01E-03	6.12E-06	4.56E-03	0.00E+00	3.42E+00	9.64E-09	3.42E+00	3.42E+00	4.56E-03	0.00E+00	0.00E+00	0.00E+00	9.30E-04
UK21R1	1.38E-03	2.18E-01	0.00E+00	2.18E-01	0.00E+00	0.00E+00	1.43E-01	8.17E-08	6.47E-04	7.09E-03	0.00E+00	0.00E+00	3.83E-12	7.41E-11	5.31E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-05	7.65E-03	3.04E+00	0.00E+00	3.34E-10	1.12E-08	1.79E-03	5.45E-06	4.06E-03	0.00E+00	3.04E+00	8.58E-09	3.04E+00	3.04E+00	4.06E-03	0.00E+00	0.00E+00	0.00E+00	8.27E-04
UK21S1	1.41E-03	2.22E-01	0.00E+00	2.22E-01	0.00E+00	0.00E+00	1.46E-01	8.34E-08	6.60E-04	7.24E-03	0.00E+00	0.00E+00	3.91E-12	7.56E-11	5.41E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-05	7.80E-03	3.10E+00	0.00E+00	3.41E-10	1.14E-08	1.83E-03	5.56E-06	4.14E-03	0.00E+00	3.10E+00	8.75E-09	3.10E+00	3.10E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	8.44E-04

UK31C2	3.18E-03	5.01E-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	1.76E-02	7.00E+00	0.00E+00	7.69E-10	2.58E-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	1.56E-04	2.47E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	1.62E-02	9.26E-09	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-06	8.67E-04	3.44E-01	0.00E+00	3.79E-11	1.27E-09	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	9.38E-05
UM00H1	5.62E-04	8.87E-02	0.00E+00	8.87E-02	0.00E+00	0.00E+00	5.82E-02	3.33E-08	2.64E-04	2.89E-03	0.00E+00	0.00E+00	1.56E-12	3.02E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-06	3.12E-03	1.24E+00	0.00E+00	1.36E-10	4.57E-09	7.29E-04	2.22E-06	1.65E-03	0.00E+00	1.24E+00	3.50E-09	1.24E+00	1.24E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
UM00H2	5.81E-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-06	3.22E-03	1.28E+00	0.00E+00	1.41E-10	4.72E-09	7.53E-04	2.29E-06	1.71E-03	0.00E+00	1.28E+00	3.61E-09	1.28E+00	1.28E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-04
UM00K1	5.82E-04	9.18E-02	0.00E+00	9.18E-02	0.00E+00	0.00E+00	6.02E-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	8.13E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.73E-09	7.55E-04	2.30E-06	1.71E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.28E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.49E-04
UM00K2	5.89E-04	9.28E-02	0.00E+00	9.28E-02	0.00E+00	0.00E+00	6.09E-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-06	3.26E-03	1.30E+00	0.00E+00	1.43E-10	4.79E-09	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	2.84E-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	1.46E-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-06	1.57E-03	6.25E-01	0.00E+00	6.86E-11	2.31E-09	3.68E-04	1.12E-06	8.34E-04	0.00E+00	6.25E-01	1.76E-09	6.25E-01	6.26E-01	8.34E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
UM00M1	1.34E-03	2.12E-01	0.00E+00	2.12E-01	0.00E+00	0.00E+00	1.39E-01	7.96E-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	2.96E+00	0.00E+00	3.25E-10	1.09E-08	1.74E-03	5.31E-06	3.95E-03	0.00E+00	2.96E+00	8.36E-09	2.96E+00	2.97E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00	8.06E-04
UM00M2	1.05E-03	1.66E-01	0.00E+00	1.66E-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	4.05E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-05	5.84E-03	2.32E+00	0.00E+00	2.55E-10	8.56E-09	1.37E-03	4.16E-06	3.10E-03	0.00E+00	2.32E+00	6.55E-09	2.32E+00	2.32E+00	3.10E-03	0.00E+00	0.00E+00	0.00E+00	6.31E-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	5.70E-04	0.00E+00	0.00E+00	0.00E+00	2.07E-05	8.21E-03	3.26E+00	0.00E+00	3.59E-10	1.21E-08	1.92E-03	5.85E-06	4.36E-03	0.00E+00	3.26E+00	9.21E-09	3.26E+00	3.27E+00	4.36E-03	0.00E+00	0.00E+00	0.00E+00	8.89E-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	9.70E-11	6.95E-04	0.00E+00	0.00E+00	0.00E+00	2.52E-05	1.00E-02	3.98E+00	0.00E+00	4.38E-10	1.47E-08	2.34E-03	7.14E-06	5.31E-03	0.00E+00	3.98E+00	1.12E-08	3.98E+00	3.99E+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	8.66E-04	0.00E+00	0.00E+00	0.00E+00	3.14E-05	1.25E-02	4.96E+00	0.00E+00	5.45E-10	1.83E-08	2.92E-03	8.89E-06	6.62E-03	0.00E+00	4.96E+00	1.40E-08	4.96E+00	4.97E+00	6.62E-03	0.00E+00	0.00E+00	0.00E+00	1.35E-03
UM71UK	2.49E-03	3.92E-01	0.00E+00	3.92E-01	0.00E+00	0.00E+00	2.57E-01	1.47E-07	1.17E-03	1.28E-02	0.00E+00	0.00E+00	6.91E-12	1.34E-10	9.57E-04	0.00E+00	0.00E+00	0.00E+00	3.48E-05	1.38E-02	5.48E+00	0.00E+00	6.03E-10	2.02E-08	3.23E-03	9.83E-06	7.32E-03	0.00E+00	5.48E+00	1.55E-08	5.48E+00	5.49E+00	7.32E-03	0.00E+00	0.00E+00	0.00E+00	1.49E-03
UN04A	8.89E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.19E-02	5.27E-08	4.17E-04	4.57E-03	0.00E+00	0.00E+00	2.47E-12	4.77E-11	3.42E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.93E-03	1.96E+00	0.00E+00	2.15E-10	7.23E-09	1.15E-03	3.51E-06	2.61E-03	0.00E+00	1.96E+00	5.53E-09	1.96E+00	1.96E+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	5.18E-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	6.13E-03	2.44E+00	0.00E+00	2.68E-10	8.99E-09	1.43E-03	4.36E-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	1.39E-03	2.19E-01	0.00E+00	2.19E-01	0.00E+00	0.00E+00	1.43E-01	8.21E-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	3.05E+00	0.00E+00	3.35E-10	1.13E-08	1.80E-03	5.47E-06	4.07E-03	0.00E+00	3.05E+00	8.62E-09	3.05E+00	3.06E+00	4.07E-03	0.00E+00	0.00E+00	0.00E+00	8.31E-04
UN07A	1.62E-03	2.56E-01	0.00E+00	2.56E-01	0.00E+00	0.00E+00	1.68E-01	9.60E-08	7.60E-04	8.34E-03	0.00E+00	0.00E+00	4.50E-12	8.70E-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	3.93E-10	1.32E-08	2.10E-03	6.40E-06	4.77E-03	0.00E+00	3.57E+00	1.01E-08	3.57E+00	3.58E+00	4.77E-03	0.00E+00	0.00E+00	0.00E+00	9.72E-04
UN08A	1.85E-03	2.91E-01	0.00E+00	2.91E-01	0.00E+00	0.00E+00	1.91E-01	1.09E-07	8.66E-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	2.58E-05	1.02E-02	4.07E+00	0.00E+00	4.47E-10	1.50E-08	2.40E-03	7.29E-06	5.43E-03	0.00E+00	4.07E+00	1.15E-08	4.07E+00	4.07E+00	5.43E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-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	4.25E+00	0.00E+00	4.67E-10	1.57E-08	2.50E-03	7.62E-06	5.68E-03	0.00E+00	4.25E+00	1.20E-08	4.25E+00	4.26E+00	5.68E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-03
UN10A	2.09E-03	3.29E-01	0.00E+00	3.29E-01	0.00E+00	0.00E+00	2.16E-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	1.16E-02	4.60E+00	0.00E+00	5.06E-10	1.70E-08	2.71E-03	8.24E-06	6.14E-03	0.00E+00	4.60E+00	1.30E-08	4.60E+00	4.61E+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	6.54E-12	1.26E-10	9.06E-04	0.00E+00	0.00E+00	0.00E+00	3.29E-05	1.31E-02	5.19E+00	0.00E+00	5.70E-10	1.92E-08	3.06E-03	9.30E-06	6.93E-03	0.00E+00	5.19E+00	1.46E-08	5.19E+00	5.20E+00	6.93E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-03
UN12A	2.50E-03	3.94E-01	0.00E+00	3.94E-01	0.00E+00	0.00E+00	2.59E-01	1.48E-07	1.17E-03	1.29E-02	0.00E+00	0.00E+00	6.94E-12	1.34E-10	9.62E-04	0.00E+00	0.00E+00	0.00E+00	3.49E-05	1.39E-02	5.51E+00	0.00E+00	6.06E-10	2.03E-08	3.24E-03	9.88E-06	7.35E-03	0.00E+00	5.51E+00	1.56E-08	5.51E+00	5.52E+00	7.35E-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	1.75E-07	1.38E-03	1.52E-02	0.00E+00	0.00E+00	8.20E-12	1.59E-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	8.68E-03	0.00E+00	6.51E+00	1.84E-08	6.51E+00	6.52E+00	8.68E-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	6.84E-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	6.40E-03	2.54E+00	0.00E+00	2.79E-10	9.39E-09	1.50E-03	4.56E-06	3.39E-03	0.00E+00	2.54E+00	7.18E-09	2.54E+00	2.55E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	6.92E-04
UN41B1	2.29E-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	5.05E+00	0.00E+00	5.55E-10	1.86E-08	2.97E-03	9.05E-06	6.74E-03	0.00E+00	5.05E+00	1.43E-08	5.05E+00	5.06E+00	6.74E-03	0.00E+00	0.00E+00	0.00E+00	1.37E-03
UN41U1	2.01E-03	3.17E-01	0.00E+00	3.17E-01	0.00E+00	0.00E+00	2.08E-01	1.19E-07	9.43E-04	1.03E-02	0.00E+00	0.00E+00	5.58E-12	1.08E-10	7.74E-04	0.00E+00	0.00E+00	0.00E+00	2.81E-05	1.12E-02	4.43E+00	0.00E+00	4.87E-10	1.64E-08	2.61E-03	7.95E-06	5.92E-03	0.00E+00	4.43E+00	1.25E-08	4.43E+00	4.44E+00	5.92E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03
UN51TN	2.54E-03	4.00E-01	0.00E+00	4.00E-01	0.00E+00	0.00E+00	2.62E-01	1.50E-07	1.19E-03	1.30E-02	0.00E+00	0.00E+00	7.04E-12	1.36E-10	9.75E-04	0.00E+00	0.00E+00	0.00E+00	3.54E-05	1.41E-02	5.58E+00	0.00E+00	6.14E-10	2.06E-08	3.29E-03	1.00E-05	7.45E-03	0.00E+00	5.58E+00	1.58E-08	5.58E+00	5.59E+00	7.45E-03	0.00E+00	0.00E+00	0.00E+00	1.52E-03
UN61B3	3.40E-03	5.37E-01	0.00E+00	5.37E-01	0.00E+00	0.00E+00	3.52E-01	2.02E-07	1.60E-03	1.75E-02	0.00E+00	0.00E+00	9.44E-12	1.83E-10	1.31E-03	0.00E+00	0.00E+00	0.00E+00	4.75E-05	1.89E-02	7.50E+00	0.00E+00	8.24E-10	2.77E-08	4.41E-03	1.34E-05	1.00E-02	0.00E+00	7.50E+00	2.12E-08	7.50E+00	7.51E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
UN61U3	2.96E-03	4.67E-01	0.00E+00	4.67E-01	0.00E+00	0.00E+00	3.06E-01	1.75E-07	1.39E-03	1.52E-02	0.00E+00	0.00E+00	8.22E-12	1.59E-10	1.14E-03	0.00E+00	0.00E+00	0.00E+00	4.13E-05	1.64E-02	6.52E+00	0.00E+00	7.17E-10	2.41E-08	3.84E-03	1.17E-05	8.70E-03	0.00E+00	6.52E+00	1.84E-08	6.52E+00	6.53E+00	8.70E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-03
UN71B3	3.63E-03	5.73E-01	0.00E+00	5.73E-01	0.00E+00	0.00E+00	3.76E-01	2.15E-07	1.70E-03	1.87E-02	0.00E+00	0.00E+00	1.01E-11	1.95E-10	1.40E-03	0.00E+00	0.00E+00	0.00E+00	5.07E-05	2.01E-02	8.00E+00	0.00E+00	8.79E-10	2.95E-08	4.71E-03	1.43E-05	1.07E-02	0.00E+00	8.00E+00	2.26E-08	8.00E+00	8.01E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
UN71B4	3.83E-03	6.04E-01	0.00E+00	6.04E-01	0.00E+00	0.00E+00	3.96E-01	2.27E-07	1.80E-03	1.97E-02	0.00E+00	0.00E+00	1.06E-11	2.06E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.35E-05	2.12E-02	8.44E+00	0.00E+00	9.28E-10	3.12E-08	4.97E-03	1.51E-05	1.13E-02	0.00E+00	8.44E+00	2.38E-08	8.44E+00	8.45E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	2.30E-03
UN81B3	3.97E-03	6.26E-01	0.00E+00	6.26E-01	0.00E+00	0.00E+00	4.11E-01	2.35E-07	1.86E-03	2.04E-02	0.00E+00	0.00E+00	1.10E-11	2.13E-10	1.53E-03	0.00E+00	0.00E+00	0.00E+00	5.54E-05	2.20E-02	8.75E+00	0.00E+00	9.61E-10	3.23E-08	5.15E-03	1.57E-05	1.17E-02	0.00E+00	8.75E+00	2.47E-08	8.75E+00	8.76E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
UN81B4	4.11E-03	6.48E-01	0.00E+00	6.48E-01	0.00E+00	0.00E+00	4.25E-01	2.43E-07	1.93E-03	2.11E-02	0.00E+00	0.00E+00	1.14E-11	2.21E-10	1.58E-03	0.00E+00	0.00E+00	0.00E+00	5.73E-05	2.28E-02	9.05E+00	0.00E+00	9.94E-10	3.34E-08	5.33E-03	1.62E-05	1.21E-02	0.00E+00	9.05E+00	2.55E-08	9.05E+00	9.06E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
US31A3R1	7.94E-04	1.25E-01	0.00E+00	1.25E-01	0.00E+00	0.00E+00	8.22E-02	4.71E-08	3.72E-04	4.09E-03	0.00E+00	0.00E+00	2.20E-12	4.26E-11	3.06E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-05	4.40E-03	1.75E+00	0.00E+00	1.92E-10	6.46E-09	1.03E-03	3.14E-06	2.34E-03	0.00E+00	1.75E+00	4.94E-09	1.75E+00	1.75E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	4.76E-04
UT12PN	6.38E-04	1.01E-01	0.00E+00	1.01E-01	0.00E+00	0.00E+00	6.60E-02	3.78E-08	2.99E-04	3.28E-03	0.00E+00	0.00E+00	1.77E-12	3.42E-11	2.45E-04	0.00E+00	0.00E+00	0.00E+00	8.90E-06	3.53E-03	1.40E+00	0.00E+00	1.54E-10	5.19E-09	8.27E-04	2.52E-06	1.87E-03	0.00E+00	1.40E+00	3.96E-09	1.40E+00	1.41E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	3.82E-04
UW31V	2.13E-03	3.37E-01	0.00E+00	3.37E-01	0.00E+00	0.00E+00	2.21E-01	1.26E-07	1.00E-03	1.10E-02	0.00E+00	0.00E+00	5.92E-12	1.15E-10	8.21E-04	0.00E+00	0.00E+00	0.00E+00	2.98E-05	1.18E-02	4.70E+00	0.00E+00	5.17E-10	1.74E-08	2.77E-03	8.43E-06	6.27E-03	0.00E+00	4.70E+00	1.33E-08	4.70E+00	4.71E+00	6.27E-03	0.00E+00	0.00E+00	0.00E+00	1.28E-03
UW41U	2.23E-03	3.52E-01	0.00E+00	3.52E-01	0.00E+00	0.00E+00	2.31E-01	1.32E-07	1.05E-03	1.15E-02	0.00E+00	0.00E+00	6.19E-12	1.20E-10	8.57E-04	0.00E+00	0.00E+00	0.00E+00	3.11E-05	1.24E-02	4.91E+00	0.00E+00	5.40E-10	1.81E-08	2.89E-03	8.80E-06	6.55E-03	0.00E+00	4.91E+00	1.39E-08	4.91E+00	4.92E+00	6.55E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-03
UW51U	2.55E-03	4.01E-01	0.00E+00	4.01E-01	0.00E+00	0.00E+00	2.63E-01	1.51E-07	1.19E-03	1.31E-02	0.00E+00	0.00E+00	7.06E-12	1.37E-10	9.79E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	1.41E-02	5.61E+00	0.00E+00	6.16E-10	2.07E-08	3.30E-03	1.00E-05	7.48E-03	0.00E+00	5.61E+00	1.58E-08	5.61E+00	5.62E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-03
UW51UA	2.49E-03	3.93E-01	0.00E+00	3.93E-01	0.00E+00	0.00E+00	2.58E-01	1.48E-07	1.17E-03	1.28E-02	0.00E+00	0.00E+00	6.92E-12	1.34E-10	9.58E-04	0.00E+00	0.00E+00	0.00E+00	3.48E-05	1.38E-02	5.49E+00	0.00E+00	6.03E-10	2.03E-08	3.23E-03	9.84E-06	7.33E-03	0.00E+00	5.49E+00	1.55E-08	5.49E+00	5.50E+00	7.33E-03	0.00E+00	0.00E+00	0.00E+00	1.49E-03
UW51V	2.94E-03	4.64E-01	0.00E+00	4.64E-01	0.00E+00	0.00E+00	3.04E-01	1.74E-07	1.38E-03	1.51E-02	0.00E+00	0.00E+00	8.16E-12	1.58E-10	1.13E-03	0.00E+00	0.00E+00	0.00E+00	4.11E-05	1.63E-02	6.48E+00	0.00E+00	7.12E-10	2.39E-08	3.82E-03	1.16E-05	8.65E-03	0.00E+00	6.48E+00	1.83E-08	6.48E+00	6.49E+00	8.65E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-03
UW61U	2.97E-03	4.68E-01	0.00E+00	4.68E-01	0.00E+00	0.00E+00	3.07E-01	1.76E-07	1.39E-03	1.53E-02	0.00E+00	0.00E+00	8.24E-12	1.59E-10	1.14E-03	0.00E+00	0.00E+00	0.00E+00	4.14E-05	1.64E-02	6.54E+00	0.00E+00	7.18E-10	2.41E-08	3.85E-03	1.17E-05	8.72E-03	0.00E+00	6.54E+00	1.84E-08	6.54E+00	6.55E+00	8.72E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-03
UW61UA	2.90E-03	4.57E-01	0.00E+00	4.57E-01	0.00E+00	0.00E+00	3.00E-01	1.72E-07	1.36E-03	1.49E-02	0.00E+00	0.00E+00	8.05E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-05	1.61E-02	6.39E+00	0.00E+00	7.02E-10	2.36E-08	3.76E-03	1.14E-05	8.52E-03	0.00E+00	6.39E+00	1.80E-08	6.39E+00	6.40E+00	8.52E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
UW61V	3.63E-03	5.73E-01	0.00E+00	5.73E-01	0.00E+00	0.00E+00	3.76E-01	2.15E-07	1.70E-03	1.87E-02	0.00E+00	0.00E+00	1.01E-11	1.95E-10	1.40E-03	0.00E+00	0.00E+00	0.00E+00	5.07E-05	2.01E-02	8.01E+00	0.00E+00	8.80E-10	2.96E-08	4.71E-03	1.43E-05	1.07E-02	0.00E+00	8.01E+00	2.26E-08	8.01E+00	8.02E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
UW61VA	3.30E-03	5.20E-01	0.00E+00	5.20E-01	0.00E+00	0.00E+00	3.41E-01	1.95E-07	1.55E-03	1.70E-02	0.00E+00	0.00E+00	9.16E-12	1.77E-10	1.27E-03	0.00E+00	0.00E+00	0.00E+00	4.61E-05	1.83E-02	7.27E+00	0.00E+00	7.99E-10	2.68E-08	4.28E-03	1.30E-05	9.70E-03	0.00E+00	7.27E+00	2.05E-08	7.27E+00	7.28E+00	9.70E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-03
UW71U	3.50E-03	5.52E-01	0.00E+00	5.52E-01	0.00E+00	0.00E+00	3.62E-01	2.07E-07	1.64E-03	1.80E-02	0.00E+00	0.00E+00	9.72E-12	1.88E-10	1.35E-03	0.00E+00	0.00E+00	0.00E+00	4.89E-05	1.94E-02	7.72E+00	0.00E+00	8.48E-10	2.85E-08	4.54E-03	1.38E-05	1.03E-02	0.00E+00	7.72E+00	2.18E-08	7.72E+00	7.73E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	2.10E-03
UW71V	3.94E-03	6.22E-01	0.00E+00	6.22E-01	0.00E+00	0.00E+00	4.08E-01	2.34E-07	1.85E-03	2.03E-02	0.00E+00	0.00E+00	1.09E-11	2.12E-10	1.52E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-05	2.19E-02	8.68E+00	0.00E+00	9.54E-10	3.21E-08	5.11E-03	1.56E-05	1.16E-02	0.00E+00	8.68E+00	2.45E-08	8.68E+00	8.70E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
UW71VA	3.92E-03	6.18E-01	0.00E+00	6.18E-01	0.00E+00	0.00E+00	4.05E-01	2.32E-07	1.84E-03	2.01E-02	0.00E+00	0.00E+00	1.09E-11	2.10E-10	1.51E-03	0.00E+00	0.00E+00	0.00E+00	5.47E-05	2.17E-02	8.63E+00	0.00E+00	9.48E-10	3.19E-08	5.08E-03	1.55E-05	1.15E-02	0.00E+00	8.63E+00	2.44E-08	8.63E+00	8.64E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	2.35E-03
UY01R1S	1.07E-03	1.69E-01	0.00E+00	1.69E-01	0.00E+00	0.00E+00	1.11E-01	6.36E-08	5.03E-04	5.52E-03	0.00E+00	0.00E+00	2.98E-12	5.77E-11	4.13E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-05	5.95E-03	2.37E+00	0.00E+00	2.60E-10	8.74E-09	1.39E-03	4.24E-06	3.16E-03	0.00E+00	2.37E+00	6.68E-09	2.37E+00	2.37E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	6.44E-04
UY02R2N	1.64E-03	2.59E-01	0.00E+00	2.59E-01	0.00E+00	0.00E+00	1.70E-01	9.73E-08	7.70E-04	8.45E-03	0.00E+00	0.00E+00	4.56E-12	8.82E-11	6.32E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05	9.10E-03	3.62E+00	0.00E+00	3.98E-10	1.34E-08	2.13E-03	6.48E-06	4.83E-03	0.00E+00	3.62E+00	1.02E-08	3.62E+00	3.62E+00	4.83E-03	0.00E+00	0.00E+00	0.00E+00	9.85E-04
UY02R2S	1.86E-03	2.93E-01	0.00E+00	2.93E-01	0.00E+00	0.00E+00	1.92E-01	1.10E-07	8.72E-04	9.57E-03	0.00E+00	0.00E+00	5.16E-12	9.99E-11	7.16E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	1.03E-02	4.10E+00	0.00E+00	4.50E-10	1.51E-08	2.41E-03	7.35E-06	5.47E-03	0.00E+00	4.10E+00	1.16E-08	4.10E+00	4.10E+00	5.47E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-03
UY31J1N	4.99E-03	7.87E-01	0.00E+00	7.87E-01	0.00E+00	0.00E+00	5.16E-01	2.96E-07	2.34E-03	2.57E-02	0.00E+00	0.00E+00	1.39E-11	2.68E-10	1.92E-03	0.00E+00	0.00E+00	0.00E+00	6.97E-05	2.77E-02	1.10E+01	0.00E+00	1.21E-09	4.06E-08	6.47E-03	1.97E-05	1.47E-02	0.00E+00	1.10E+01	3.10E-08	1.10E+01	1.10E+01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	2.99E-03
UY32A3N	1.09E-02	1.72E+00	0.00E+00	1.72E+00	0.00E+00	0.00E+00	1.13E+00	6.45E-07	5.11E-03	5.60E-02	0.00E+00	0.00E+00	3.02E-11	5.85E-10	4.19E-03	0.00E+00	0.00E+00	0.00E+00	1.52E-04	6.04E-02	2.40E+01	0.00E+00	2.64E-09	8.86E-08	1.41E-02	4.30E-05	3.20E-02	0.00E+00	2.40E+01	6.77E-08	2.40E+01	2.40E+01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	6.53E-03
UZ005	1.46E-04	2.31E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	1.51E-02	8.67E-09	6.86E-05	7.53E-04	0.00E+00	0.00E+00	4.06E-13	7.86E-12	5.63E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	8.11E-04	3.22E-01	0.00E+00	3.54E-11	1.19E-09	1.90E-04	5.78E-07	4.30E-04	0.00E+00	3.22E-01	9.10E-10	3.22E-01	3.23E-01	4.30E-04	0.00E+00	0.00E+00	0.00E+00	8.78E-05
UZ25V2	2.89E-04	4.56E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	2.99E-02	1.71E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.02E-13	1.55E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.60E-03	6.37E-01	0.00E+00	7.00E-11	2.35E-09	3.75E-04	1.14E-06	8.50E-04	0.00E+00	6.37E-01	1.80E-09	6.37E-01	6.38E-01	8.50E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
VZ00AS	4.11E-04	6.48E-02	0.00E+00	6.48E-02	0.00E+00	0.00E+00	4.25E-02	2.43E-08	1.93E-04	2.11E-03	0.00E+00	0.00E+00	1.14E-12	2.20E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.73E-06	2.28E-03	9.05E-01	0.00E+00	9.94E-11	3.34E-09	5.33E-04	1.62E-06	1.21E-03	0.00E+00	9.05E-01	2.55E-09	9.05E-01	9.06E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
VZ413	1.59E-05	2.51E-03	0.00E+00	2.51E-03	0.00E+00	0.00E+00	1.65E-03	9.42E-10	7.46E-06	8.18E-05	0.00E+00	0.00E+00	4.42E-14	8.54E-13	6.12E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-07	8.82E-05	3.50E-02	0.00E+00	3.85E-12	1.29E-10	2.06E-05	6.28E-08	4.68E-05	0.00E+00	3.50E-02	9.89E-11	3.50E-02	3.51E-02	4.68E-05	0.00E+00	0.00E+00	0.00E+00	9.54E-06
VZ415	3.01E-05	4.74E-03	0.00E+00	4.74E-03	0.00E+00	0.00E+00	3.11E-03	1.78E-09	1.41E-05	1.55E-04	0.00E+00	0.00E+00	8.34E-14	1.61E-12	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.20E-07	1.67E-04	6.62E-02	0.00E+00	7.28E-12	2.45E-10	3.90E-05	1.19E-07	8.84E-05	0.00E+00	6.62E-02	1.87E-10	6.62E-02	6.63E-02	8.84E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-05
FZ8935RMA	3.22E-04	5.08E-02	0.00E+00	5.08E-02	0.00E+00	0.00E+00	3.33E-02	1.91E-08	1.51E-04	1.66E-03	0.00E+00	0.00E+00	8.94E-13	1.73E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.50E-06	1.79E-03	7.10E-01	0.00E+00	7.80E-11	2.62E-09	4.18E-04	1.27E-06	9.47E-04	0.00E+00	7.10E-01	2.00E-09	7.10E-01	7.11E-01	9.47E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
FWB52S	3.28E-03	1.46E+00	2.73E-01	1.19E+00	0.00E+00	0.00E+00	1.70E+01	1.62E-05	1.56E-03	9.72E-03	0.00E+00	2.87E-02	1.30E-07	3.79E-09	1.77E-01	3.14E-03	9.89E-02	2.54E-03	2.06E-03	4.86E-01	1.12E+01	0.00E+00	1.51E-08	1.96E-08	2.27E-03	5.81E-05	1.49E+00	0.00E+00	1.12E+01	2.75E-08	1.12E+01	1.27E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-02
FZ8960RMA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8985RMA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8911RMA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8913RMA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8916RMA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8935ESA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8960ESA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8985ESA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8911ESA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8913ESA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8916ESA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8935RRA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8960RRA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8985RRA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8911RRA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8913RRA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8916RRA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8935RLA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8960RLA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8985RLA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8911RLA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8913RLA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FZ8916RLA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05

FZ912XE	4.43E-06	1.97E-03	3.70E-04	1.60E-03	0.00E+00	0.00E+00	2.30E-02	2.18E-08	2.11E-06	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-06	6.53E-04	1.51E-02	0.00E+00	2.04E-11	2.65E-11	3.07E-06	7.84E-08	2.02E-03	0.00E+00	1.51E-02	3.71E-11	1.51E-02	1.71E-02	2.02E-03	0.00E+00	0.00E+00	0.00E+00	1.19E-04
FG22WD	1.01E-02	4.48E+00	8.43E-01	3.63E+00	0.00E+00	0.00E+00	5.23E+01	4.97E-05	4.82E-03	2.99E-02	0.00E+00	8.85E-02	4.00E-07	1.17E-08	5.41E-01	9.68E-03	2.99E-01	4.10E-04	6.30E-03	1.49E+00	3.44E+01	0.00E+00	4.65E-08	6.03E-08	7.00E-03	1.79E-04	4.59E+00	0.00E+00	3.44E+01	8.45E-08	3.44E+01	3.90E+01	4.59E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-01
FG23WD	1.01E-02	4.48E+00	8.43E-01	3.63E+00	0.00E+00	0.00E+00	5.23E+01	4.97E-05	4.82E-03	2.99E-02	0.00E+00	8.85E-02	4.00E-07	1.17E-08	5.41E-01	9.68E-03	2.99E-01	4.10E-04	6.30E-03	1.49E+00	3.44E+01	0.00E+00	4.65E-08	6.03E-08	7.00E-03	1.79E-04	4.59E+00	0.00E+00	3.44E+01	8.45E-08	3.44E+01	3.90E+01	4.59E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-01
FG24WD	1.01E-02	4.51E+00	8.44E-01	3.67E+00	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	3.06E-01	7.89E-03	6.37E-03	1.50E+00	3.46E+01	0.00E+00	4.67E-08	6.05E-08	7.02E-03	1.80E-04	4.62E+00	0.00E+00	3.46E+01	8.50E-08	3.46E+01	3.92E+01	4.62E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-01
FG24XD	1.01E-02	4.51E+00	8.44E-01	3.67E+00	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	3.06E-01	7.89E-03	6.37E-03	1.50E+00	3.46E+01	0.00E+00	4.67E-08	6.05E-08	7.02E-03	1.80E-04	4.62E+00	0.00E+00	3.46E+01	8.50E-08	3.46E+01	3.92E+01	4.62E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-01
FG25WD	1.01E-02	4.51E+00	8.44E-01	3.67E+00	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	3.06E-01	7.89E-03	6.37E-03	1.50E+00	3.46E+01	0.00E+00	4.67E-08	6.05E-08	7.02E-03	1.80E-04	4.62E+00	0.00E+00	3.46E+01	8.50E-08	3.46E+01	3.92E+01	4.62E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-01
FG26WD	1.01E-02	4.51E+00	8.44E-01	3.67E+00	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	3.06E-01	7.89E-03	6.37E-03	1.50E+00	3.46E+01	0.00E+00	4.67E-08	6.05E-08	7.02E-03	1.80E-04	4.62E+00	0.00E+00	3.46E+01	8.50E-08	3.46E+01	3.92E+01	4.62E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-01
FG26XD	1.01E-02	4.51E+00	8.44E-01	3.67E+00	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	3.06E-01	7.89E-03	6.37E-03	1.50E+00	3.46E+01	0.00E+00	4.67E-08	6.05E-08	7.02E-03	1.80E-04	4.62E+00	0.00E+00	3.46E+01	8.50E-08	3.46E+01	3.92E+01	4.62E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-01
FL220Z	1.83E-05	8.10E-03	1.52E-03	6.57E-03	0.00E+00	0.00E+00	9.47E-02	9.00E-08	8.71E-06	5.42E-05	0.00E+00	1.60E-04	7.24E-10	2.12E-11	9.78E-04	1.75E-05	5.40E-04	0.00E+00	1.14E-05	2.69E-03	6.23E-02	0.00E+00	8.42E-11	1.09E-10	1.27E-05	3.23E-07	8.31E-03	0.00E+00	6.23E-02	1.53E-10	6.23E-02	7.06E-02	8.31E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-04
FL53SPX01	7.93E-03	3.56E+00	6.56E-01	2.90E+00	0.00E+00	0.00E+00	4.08E+01	3.91E-05	3.76E-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+00	2.71E+01	0.00E+00	3.64E-08	4.74E-08	5.48E-03	1.41E-04	3.62E+00	0.00E+00	2.71E+01	6.68E-08	2.71E+01	3.07E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-01
FL73S	1.01E-02	4.53E+00	8.40E-01	3.69E+00	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+00	3.46E+01	0.00E+00	4.65E-08	6.05E-08	7.01E-03	1.80E-04	4.62E+00	0.00E+00	3.46E+01	8.52E-08	3.46E+01	3.92E+01	4.62E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-01
FL73SP	1.01E-02	4.53E+00	8.40E-01	3.69E+00	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+00	3.46E+01	0.00E+00	4.65E-08	6.05E-08	7.01E-03	1.80E-04	4.62E+00	0.00E+00	3.46E+01	8.52E-08	3.46E+01	3.92E+01	4.62E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-01
FL74SPX01	7.93E-03	3.56E+00	6.56E-01	2.90E+00	0.00E+00	0.00E+00	4.08E+01	3.91E-05	3.76E-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+00	2.71E+01	0.00E+00	3.64E-08	4.74E-08	5.48E-03	1.41E-04	3.62E+00	0.00E+00	2.71E+01	6.68E-08	2.71E+01	3.07E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-01
FP03SN2	7.20E-03	3.22E+00	5.98E-01	2.62E+00	0.00E+00	0.00E+00	3.72E+01	3.55E-05	3.43E-03	2.13E-02	0.00E+00	6.29E-02	2.84E-07	8.32E-09	3.90E-01	6.87E-03	2.22E-01	1.07E-02	4.55E-03	1.08E+00	2.46E+01	0.00E+00	3.31E-08	4.30E-08	4.99E-03	1.28E-04	3.28E+00	0.00E+00	2.46E+01	6.05E-08	2.46E+01	2.79E+01	3.28E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01
FP04SN2	8.89E-03	3.97E+00	7.39E-01	3.23E+00	0.00E+00	0.00E+00	4.60E+01	4.39E-05	4.23E-03	2.64E-02	0.00E+00	7.77E-02	3.51E-07	1.03E-08	4.81E-01	8.49E-03	2.72E-01	1.07E-02	5.61E-03	1.32E+00	3.03E+01	0.00E+00	4.09E-08	5.31E-08	6.16E-03	1.58E-04	4.05E+00	0.00E+00	3.03E+01	7.47E-08	3.03E+01	3.44E+01	4.05E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-01
FP05SN2	1.06E-02	4.72E+00	8.81E-01	3.84E+00	0.00E+00	0.00E+00	5.47E+01	5.22E-05	5.04E-03	3.14E-02	0.00E+00	9.26E-02	4.18E-07	1.22E-08	5.71E-01	1.01E-02	3.22E-01	1.07E-02	6.66E-03	1.57E+00	3.61E+01	0.00E+00	4.87E-08	6.32E-08	7.33E-03	1.88E-04	4.82E+00	0.00E+00	3.61E+01	8.88E-08	3.61E+01	4.09E+01	4.82E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-01
FP22TN2	6.57E-03	2.91E+00	5.49E-01	2.37E+00	0.00E+00	0.00E+00	3.41E+01	3.24E-05	3.14E-03	1.95E-02	0.00E+00	5.76E-02	2.61E-07	7.62E-09	3.52E-01	6.30E-03	1.94E-01	1.21E-04	4.10E-03	9.69E-01	2.24E+01	0.00E+00	3.03E-08	3.92E-08	4.56E-03	1.16E-04	2.99E+00	0.00E+00	2.24E+01	5.50E-08	2.24E+01	2.54E+01	2.99E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01
FP23SN2	8.62E-03	3.84E+00	7.18E-01	3.12E+00	0.00E+00	0.00E+00	4.46E+01	4.25E-05	4.11E-03	2.56E-02	0.00E+00	7.54E-02	3.41E-07	9.98E-09	4.65E-01	8.25E-03	2.62E-01	8.32E-03	5.43E-03	1.28E+00	2.94E+01	0.00E+00	3.97E-08	5.15E-08	5.98E-03	1.53E-04	3.93E+00	0.00E+00	2.94E+01	7.24E-08	2.94E+01	3.34E+01	3.93E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-01
FP23TN2	8.61E-03	3.82E+00	7.19E-01	3.10E+00	0.00E+00	0.00E+00	4.46E+01	4.24E-05	4.11E-03	2.55E-02	0.00E+00	7.55E-02	3.41E-07	9.98E-09	4.61E-01	8.26E-03	2.55E-01	1.21E-04	5.38E-03	1.27E+00	2.94E+01	0.00E+00	3.97E-08	5.14E-08	5.97E-03	1.52E-04	3.92E+00	0.00E+00	2.94E+01	7.20E-08	2.94E+01	3.33E+01	3.92E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-01
FP24S1N	1.06E-02	4.71E+00	8.87E-01	3.83E+00	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-08	5.69E-01	1.02E-02	3.14E-01	0.00E+00	6.64E-03	1.57E+00	3.63E+01	0.00E+00	4.90E-08	6.34E-08	7.37E-03	1.88E-04	4.84E+00	0.00E+00	3.63E+01	8.89E-08	3.63E+01	4.11E+01	4.84E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-01
FP24SN2	1.07E-02	4.75E+00	8.89E-01	3.86E+00	0.00E+00	0.00E+00	5.52E+01	5.26E-05	5.08E-03	3.16E-02	0.00E+00	9.34E-02	4.22E-07	1.23E-08	5.75E-01	1.02E-02	3.22E-01	8.32E-03	6.70E-03	1.58E+00	3.64E+01	0.00E+00	4.91E-08	6.37E-08	7.39E-03	1.89E-04	4.86E+00	0.00E+00	3.64E+01	8.95E-08	3.64E+01	4.13E+01	4.86E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-01
FP24TN2	1.07E-02	4.73E+00	8.90E-01	3.84E+00	0.00E+00	0.00E+00	5.52E+01	5.25E-05	5.08E-03	3.16E-02	0.00E+00	9.34E-02	4.23E-07	1.23E-08	5.71E-01	1.02E-02	3.15E-01	1.21E-04	6.65E-03	1.57E+00	3.63E+01	0.00E+00	4.91E-08	6.36E-08	7.39E-03	1.88E-04	4.85E+00	0.00E+00	3.63E+01	8.92E-08	3.63E+01	4.12E+01	4.85E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-01
FP25TN2	1.27E-02	5.67E+00	1.06E+00	4.61E+00	0.00E+00	0.00E+00	6.58E+01	6.28E-05	6.06E-03	3.77E-02	0.00E+00	1.11E-01	5.03E-07	1.47E-08	6.86E-01	1.22E-02	3.85E-01	1.07E-02	8.00E-03	1.89E+00	4.34E+01	0.00E+00	5.86E-08	7.60E-08	8.82E-03	2.26E-04	5.80E+00	0.00E+00	4.34E+01	1.07E-07	4.34E+01	4.92E+01	5.80E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-01
FP42QT	2.90E-03	1.31E+00	2.39E-01	1.07E+00	0.00E+00	0.00E+00	1.49E+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-03	9.42E-02	1.07E-02	1.86E-03	4.41E-01	9.89E+00	0.00E+00	1.33E-08	1.73E-08	2.00E-03	5.19E-05	1.32E+00	0.00E+00	9.89E+00	2.45E-08	9.89E+00	1.12E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-02
FP62QS	3.77E-03	1.69E+00	3.12E-01	1.38E+00	0.00E+00	0.00E+00	1.94E+01	1.86E-05	1.79E-03	1.12E-02	0.00E+00	3.28E-02	1.48E-07	4.34E-09	2.06E-01	3.58E-03	1.20E-01	1.07E-02	2.41E-03	5.69E-01	1.29E+01	0.00E+00	1.73E-08	2.25E-08	2.61E-03	6.73E-05	1.72E+00	0.00E+00	1.29E+01	3.18E-08	1.29E+01	1.46E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
FP63QS	5.06E-03	2.27E+00	4.20E-01	1.85E+00	0.00E+00	0.00E+00	2.61E+01	2.50E-05	2.41E-03	1.50E-02	0.00E+00	4.42E-02	1.99E-07	5.85E-09	2.75E-01	4.82E-03	1.58E-01	1.07E-02	3.22E-03	7.60E-01	1.73E+01	0.00E+00	2.33E-08	3.03E-08	3.50E-03	9.02E-05	2.31E+00	0.00E+00	1.73E+01	4.26E-08	1.73E+01	1.96E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-01
FP64QS	6.24E-03	2.79E+00	5.18E-01	2.27E+00	0.00E+00	0.00E+00	3.22E+01	3.08E-05	2.97E-03	1.85E-02	0.00E+00	5.45E-02	2.46E-07	7.21E-09	3.39E-01	5.96E-03	1.93E-01	1.07E-02	3.95E-03	9.35E-01	2.13E+01	0.00E+00	2.87E-08	3.73E-08	4.32E-03	1.11E-04	2.85E+00	0.00E+00	2.13E+01	5.25E-08	2.13E+01	2.42E+01	2.85E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-01
FP72QS	4.21E-03	1.89E+00	3.48E-01	1.54E+00	0.00E+00	0.00E+00	2.17E+01	2.08E-05	2.00E-03	1.25E-02	0.00E+00	3.66E-02	1.65E-07	4.85E-09	2.30E-01	4.00E-03	1.33E-01	1.07E-02	2.68E-03	6.34E-01	1.44E+01	0.00E+00	1.93E-08	2.52E-08	2.91E-03	7.50E-05	1.92E+00	0.00E+00	1.44E+01	3.54E-08	1.44E+01	1.63E+01	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
FP72SN2	4.18E-03	1.87E+00	3.46E-01	1.53E+00	0.00E+00	0.00E+00	2.15E+01	2.06E-05	1.98E-03	1.24E-02	0.00E+00	3.64E-02	1.64E-07	4.82E-09	2.28E-01	3.97E-03	1.32E-01	1.07E-02	2.66E-03	6.29E-01	1.43E+01	0.00E+00	1.92E-08	2.50E-08	2.89E-03	7.45E-05	1.90E+00	0.00E+00	1.43E+01	3.52E-08	1.43E+01	1.62E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-01
FP73SN2	5.46E-03	2.44E+00	4.53E-01	1.99E+00	0.00E+00	0.00E+00	2.82E+01	2.69E-05	2.59E-03	1.62E-02	0.00E+00	4.76E-02	2.15E-07	6.30E-09	2.97E-01	5.20E-03	1.70E-01	1.07E-02	3.46E-03	8.19E-01	1.86E+01	0.00E+00	2.51E-08	3.26E-08	3.78E-03	9.72E-05	2.49E+00	0.00E+00	1.86E+01	4.59E-08	1.86E+01	2.11E+01	2.49E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-01
FP74QS	6.77E-03	3.02E+00	5.62E-01	2.46E+00	0.00E+00	0.00E+00	3.49E+01	3.34E-05	3.22E-03	2.01E-02	0.00E+00	5.91E-02	2.67E-07	7.82E-09	3.67E-01	6.46E-03	2.09E-01	1.07E-02	4.28E-03	1.01E+00	2.31E+01	0.00E+00	3.11E-08	4.05E-08	4.69E-03	1.20E-04	3.08E+00	0.00E+00	2.31E+01	5.69E-08	2.31E+01	2.62E+01	3.08E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-01
FP74QT	6.78E-03	3.03E+00	5.63E-01	2.47E+00	0.00E+00	0.00E+00	3.50E+01	3.35E-05	3.23E-03	2.01E-02	0.00E+00	5.92E-02	2.68E-07	7.84E-09	3.68E-01	6.47E-03	2.09E-01	1.07E-02	4.29E-03	1.01E+00	2.32E+01	0.00E+00	3.12E-08	4.06E-08	4.70E-03	1.21E-04	3.09E+00	0.00E+00	2.32E+01	5.70E-08	2.32E+01	2.62E+01	3.09E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-01
FP82QS	4.65E-03	2.08E+00	3.85E-01	1.70E+00	0.00E+00	0.00E+00	2.40E+01	2.30E-05	2.21E-03	1.38E-02	0.00E+00	4.05E-02	1.83E-07	5.37E-09	2.53E-01	4.43E-03	1.46E-01	1.07E-02	2.96E-03	6.99E-01	1.59E+01	0.00E+00	2.14E-08	2.78E-08	3.22E-03	8.29E-05	2.12E+00	0.00E+00	1.59E+01	3.92E-08	1.59E+01	1.80E+01	2.12E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-01
FP82SN2	4.62E-03	2.07E+00	3.83E-01	1.69E+00	0.00E+00	0.00E+00	2.38E+01	2.28E-05	2.19E-03	1.37E-02	0.00E+00	4.03E-02	1.82E-07	5.33E-09	2.52E-01	4.40E-03	1.45E-01	1.07E-02	2.94E-03	6.95E-01	1.58E+01	0.00E+00	2.12E-08	2.76E-08	3.20E-03	8.24E-05	2.11E+00	0.00E+00	1.58E+01	3.89E-08	1.58E+01	1.79E+01	2.11E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-01
FP83QT	6.08E-03	2.72E+00	5.05E-01	2.22E+00	0.00E+00	0.00E+00	3.14E+01	3.00E-05	2.89E-03	1.80E-02	0.00E+00	5.31E-02	2.40E-07	7.03E-09	3.30E-01	5.80E-03	1.89E-01	1.07E-02	3.85E-03	9.11E-01	2.08E+01	0.00E+00	2.80E-08	3.64E-08	4.21E-03	1.08E-04	2.77E+00	0.00E+00	2.08E+01	5.12E-08	2.08E+01	2.35E+01	2.77E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-01
FP83SN2	6.04E-03	2.70E+00	5.01E-01	2.20E+00	0.00E+00	0.00E+00	3.11E+01	2.98E-05	2.87E-03	1.79E-02	0.00E+00	5.27E-02	2.38E-07	6.97E-09	3.28E-01	5.76E-03	1.87E-01	1.07E-02	3.82E-03	9.04E-01	2.06E+01	0.00E+00	2.78E-08	3.61E-08	4.18E-03	1.07E-04	2.75E+00	0.00E+00	2.06E+01	5.08E-08	2.06E+01	2.34E+01	2.75E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-01
FP83TN2	6.03E-03	2.70E+00	5.01E-01	2.20E+00	0.00E+00	0.00E+00	3.11E+01	2.98E-05	2.87E-03	1.79E-02	0.00E+00	5.27E-02	2.38E-07	6.97E-09	3.27E-01	5.75E-03	1.87E-01	1.07E-02	3.82E-03	9.04E-01	2.06E+01	0.00E+00	2.77E-08	3.61E-08	4.18E-03	1.07E-04	2.75E+00	0.00E+00	2.06E+01	5.07E-08	2.06E+01	2.33E+01	2.75E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-01
FP84QT	7.50E-03	3.35E+00	6.23E-01	2.73E+00	0.00E+00	0.00E+00	3.87E+01	3.70E-05	3.57E-03	2.22E-02	0.00E+00	6.55E-02	2.96E-07	8.67E-09	4.06E-01	7.16E-03	2.31E-01	1.07E-02	4.74E-03	1.12E+00	2.56E+01	0.00E+00	3.45E-08	4.48E-08	5.20E-03	1.33E-04	3.42E+00	0.00E+00	2.56E+01	6.30E-08	2.56E+01	2.90E+01	3.42E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-01
FP84SN2	7.46E-03	3.33E+00	6.20E-01	2.71E+00	0.00E+00	0.00E+00	3.85E+01	3.68E-05	3.55E-03	2.21E-02	0.00E+00	6.51E-02	2.94E-07	8.62E-09	4.04E-01	7.12E-03	2.29E-01	1.07E-02	4.71E-03	1.11E+00	2.54E+01	0.00E+00	3.43E-08	4.46E-08	5.16E-03	1.33E-04	3.40E+00	0.00E+00	2.54E+01	6.26E-08	2.54E+01	2.88E+01	3.40E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-01
FP92QS	5.26E-03	2.35E+00	4.36E-01	1.92E+00	0.00E+00	0.00E+00	2.71E+01	2.60E-05	2.50E-03	1.56E-02	0.00E+00	4.59E-02	2.07E-07	6.07E-09	2.86E-01	5.01E-03	1.64E-01	1.07E-02	3.34E-03	7.89E-01	1.79E+01	0.00E+00	2.42E-08	3.14E-08	3.64E-03	9.37E-05	2.40E+00	0.00E+00	1.79E+01	4.42E-08	1.79E+01	2.03E+01	2.40E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01
FP92SN2	5.23E-03	2.34E+00	4.34E-01	1.91E+00	0.00E+00	0.00E+00	2.70E+01	2.58E-05	2.48E-03	1.55E-02	0.00E+00	4.56E-02	2.06E-07	6.04E-09	2.84E-01	4.98E-03	1.63E-01	1.07E-02	3.32E-03	7.85E-01	1.78E+01	0.00E+00	2.40E-08	3.13E-08	3.62E-03	9.31E-05	2.38E+00	0.00E+00	1.78E+01	4.40E-08	1.78E+01	2.02E+01	2.38E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-01
FP93QS	6.65E-03	2.97E+00	5.52E-01	2.42E+00	0.00E+00	0.00E+00	3.43E+01	3.28E-05	3.16E-03	1.97E-02	0.00E+00	5.80E-02	2.62E-07	7.68E-09	3.60E-01	6.34E-03	2.05E-01	1.07E-02	4.20E-03	9.94E-01	2.27E+01	0.00E+00	3.06E-08	3.97E-08	4.60E-03	1.18E-04	3.03E+00	0.00E+00	2.27E+01	5.59E-08	2.27E+01	2.57E+01	3.03E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-01
FP93SN2	6.62E-03	2.96E+00	5.49E-01	2.41E+00	0.00E+00	0.00E+00	3.41E+01	3.26E-05	3.15E-03	1.96E-02	0.00E+00	5.78E-02	2.61E-07	7.64E-09	3.59E-01	6.31E-03	2.04E-01	1.07E-02	4.19E-03	9.89E-01	2.26E+01	0.00E+00	3.04E-08	3.95E-08	4.58E-03	1.18E-04	3.02E+00	0.00E+00	2.26E+01	5.56E-08	2.26E+01	2.56E+01	3.02E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-01
FP94QS	8.47E-03	3.78E+00	7.04E-01	3.07E+00	0.00E+00	0.00E+00	4.38E+01	4.18E-05	4.03E-03	2.51E-02	0.00E+00	7.40E-02	3.35E-07	9.80E-09	4.58E-01	8.09E-03	2.59E-01	1.07E-02	5.34E-03	1.26E+00	2.89E+01	0.00E+00	3.90E-08	5.06E-08	5.87E-03	1.51E-04	3.86E+00	0.00E+00	2.89E+01	7.11E-08	2.89E+01	3.28E+01	3.86E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-01
FP94SN2	8.44E-03	3.77E+00	7.02E-01	3.06E+00	0.00E+00	0.00E+00	4.36E+01	4.16E-05	4.02E-03	2.50E-02	0.00E+00	7.38E-02	3.33E-07	9.76E-09	4.56E-01	8.06E-03	2.58E-01	1.07E-02	5.33E-03	1.26E+00	2.88E+01	0.00E+00	3.89E-08	5.04E-08	5.85E-03	1.50E-04	3.85E+00	0.00E+00	2.88E+01	7.09E-08	2.88E+01	3.27E+01	3.85E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-01
FP95SN2	1.00E-02	4.48E+00	8.36E-01	3.64E+00	0.00E+00	0.00E+00	5.19E+01	4.96E-05	4.78E-03	2.98E-02	0.00E+00	8.79E-02	3.97E-07	1.16E-08	5.42E-01	9.60E-03	3.06E-01	1.07E-02	6.33E-03	1.50E+00	3.43E+01	0.00E+00	4.63E-08	6.00E-08	6.96E-03	1.78E-04	4.58E+00	0.00E+00	3.43E+01	8.43E-08	3.43E+01	3.89E+01	4.58E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-01
FR22E1	1.23E-02	5.47E+00	1.03E+00	4.44E+00	0.00E+00	0.00E+00	6.39E+01	6.08E-05	5.88E-03	3.66E-02	0.00E+00	1.08E-01	4.89E-07	1.43E-08	6.60E-01	1.18E-02	3.65E-01	4.10E-04	7.70E-03	1.82E+00	4.21E+01	0.00E+00	5.68E-08	7.36E-08	8.55E-03	2.18E-04	5.61E+00	0.00E+00	4.21E+01	1.03E-07	4.21E+01	4.77E+01	5.61E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-01
FR22E2	1.35E-02	6.00E+00	1.13E+00	4.87E+00	0.00E+00	0.00E+00	7.01E+01	6.66E-05	6.45E-03	4.01E-02	0.00E+00	1.18E-01	5.36E-07	1.57E-08	7.24E-01	1.30E-02	4.00E-01	4.10E-04	8.44E-03	1.99E+00	4.61E+01	0.00E+00	6.23E-08	8.07E-08	9.37E-03	2.39E-04	6.15E+00	0.00E+00	4.61E+01	1.13E-07	4.61E+01	5.23E+01	6.15E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-01
FR22G1	1.85E-02	8.19E+00	1.54E+00	6.65E+00	0.00E+00	0.00E+00	9.57E+01	9.10E-05	8.81E-03	5.48E-02	0.00E+00	1.62E-01	7.32E-07	2.14E-08	9.89E-01	1.77E-02	5.46E-01	4.10E-04	1.15E-02	2.72E+00	6.30E+01	0.00E+00	8.51E-08	1.10E-07	1.28E-02	3.27E-04	8.40E+00	0.00E+00	6.30E+01	1.55E-07	6.30E+01	7.14E+01	8.40E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-01
FR22H2	1.93E-02	8.58E+00	1.61E+00	6.96E+00	0.00E+00	0.00E+00	1.00E+02	9.53E-05	9.23E-03	5.74E-02	0.00E+00	1.70E-01	7.67E-07	2.24E-08	1.04E+00	1.86E-02	5.72E-01	4.10E-04	1.21E-02	2.85E+00	6.60E+01	0.00E+00	8.92E-08	1.15E-07	1.34E-02	3.42E-04	8.80E+00	0.00E+00	6.60E+01	1.62E-07	6.60E+01	7.48E+01	8.80E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-01
FR22S1	1.33E-02	5.45E+00	1.03E+00	4.42E+00	0.00E+00	0.00E+00	6.37E+01	6.06E-05	5.86E-03	3.65E-02	0.00E+00	1.08E-01	4.87E-07	1.42E-08	6.58E-01	1.18E-02	3.64E-01	4.10E-04	7.68E-03	1.81E+00	4.19E+01	0.00E+00	5.67E-08	7.34E-08	8.52E-03	2.17E-04	5.59E+00	0.00E+00	4.19E+01	1.03E-07	4.19E+01	4.75E+01	5.59E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-01
FR22S2	1.35E-02	5.98E+00	1.13E+00	4.85E+00	0.00E+00	0.00E+00	6.99E+01	6.64E-05	6.43E-03	4.00E-02	0.00E+00	1.18E-01	5.35E-07	1.56E-08	7.22E-01	1.29E-02	3.99E-01	4.10E-04	8.42E-03	1.99E+00	4.60E+01	0.00E+00	6.21E-08	8.05E-08	9.35E-03	2.38E-04	6.13E+00	0.00E+00	4.60E+01	1.13E-07	4.60E+01	5.21E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-01
FR23E1	1.70E-02	6.95E+00	1.31E+00	5.64E+00	0.00E+00	0.00E+00	8.13E+01	7.73E-05	7.48E-03	4.65E-02	0.00E+00	1.37E-01	6.22E-07	1.82E-08	8.40E-01	1.50E-02	4.64E-01	4.10E-04	9.79E-03	2.31E+00	5.35E+01	0.00E+00	7.23E-08	9.36E-08	1.09E-02	2.77E-04	7.13E+00	0.00E+00	5.35E+01	1.31E-07	5.35E+01	6.06E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-01
FR23E2	1.70E-02	7.52E+00	1.42E+00	6.11E+00	0.00E+00	0.00E+00	8.80E+01	8.36E-05	8.09E-03	5.03E-02	0.00E+00	1.49E-01	6.73E-07	1.97E-08	9.09E-01	1.63E-02	5.02E-01	4.10E-04	1.06E-02	2.50E+00	5.79E+01	0.00E+00	7.82E-08	1.01E-07	1.18E-02	3.00E-04	7.72E+00	0.00E+00	5.79E+01	1.42E-07	5.79E+01	6.56E+01	7.72E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-01
FR23G1	2.51E-02	1.03E+01	1.94E+00	8.36E+00	0.00E+00	0.00E+00	1.20E+02	1.14E-04	1.11E-02	6.89E-02	0.00E+00	2.04E-01	9.21E-07	2.69E-08	1.24E+00	2.23E-02	6.87E-01	4.10E-04	1.45E-02	3.42E+00	7.92E+01	0.00E+00	1.07E-07	1.39E-07	1.61E-02	4.11E-04	1.06E+01	0.00E+00	7.92E+01	1.94E-07	7.92E+01	8.98E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	6.23E-01
FR23G2	2.44E-02	1.08E+01	2.04E+00	8.78E+00	0.00E+00	0.00E+00	1.26E+02	1.20E-04	1.16E-02	7.23E-02	0.00E+00	2.14E-01	9.67E-07	2.83E-08	1.31E+00	2.34E-02	7.21E-01	4.10E-04	1.52E-02	3.60E+00	8.32E+01	0.00E+00	1.12E-07	1.46E-07	1.69E-02	4.31E-04	1.11E+01	0.00E+00	8.32E+01	2.04E-07	8.32E+01	9.43E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	6.54E-01
FR23H1	2.32E-02	1.03E+01	1.94E+00	8.35E+00	0.00E+00	0.00E+00	1.20E+02	1.14E-04	1.11E-02	6.88E-02	0.00E+00	2.03E-01	9.20E-07	2.69E-08	1.24E+00	2.22E-02	6.86E-01	4.10E-04	1.45E-02	3.42E+00	7.91E+01	0.00E+00	1.07E-07	1.38E-07	1.61E-02	4.10E-04	1.06E+01	0.00E+00	7.91E+01	1.94E-07	7.91E+01	8.96E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	6.22E-01
FR23H2	2.43E-02	1.08E+01	2.03E+00	8.76E+00	0.00E+00	0.00E+00	1.26E+02	1.20E-04	1.16E-02	7.22E-02	0.00E+00	2.13E-01	9.66E-07	2.82E-08	1.30E+00	2.34E-02	7.20E-01	4.10E-04	1.52E-02	3.59E+00	8.31E+01	0.00E+00	1.12E-07	1.45E-07	1.69E-02	4.31E-04	1.11E+01	0.00E+00	8.31E+01	2.04E-07	8.31E+01	9.41E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	6.53E-01
FR23S1	1.56E-02	6.93E+00	1.31E+00	5.63E+00	0.00E+00	0.00E+00	8.11E+01	7.71E-05	7.46E-03	4.64E-02	0.00E+00	1.37E-01	6.20E-07	1.81E-08	8.38E-01	1.50E-02	4.63E-01	4.10E-04	9.77E-03	2.31E+00	5.33E+01	0.00E+00	7.21E-08	9.34E-08	1.08E-02	2.77E-04	7.12E+00	0.00E+00	5.33E+01	1.31E-07	5.33E+01	6.05E+01	7.12E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-01
FR23S2	1.69E-02	7.49E+00	1.41E+00	6.08E+00	0.00E+00	0.00E+00	8.76E+01	8.32E-05	8.06E-03	5.01E-02	0.00E+00	1.48E-01	6.70E-07	1.96E-08	9.04E-01	1.62E-02	5.00E-01	4.10E-04	1.05E-02	2.49E+00	5.76E+01	0.00E+00	7.79E-08	1.01E-07	1.17E-02	2.99E-04	7.69E+00	0.00E+00	5.76E+01	1.41E-07	5.76E+01	6.53E+01	7.69E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-01
FR24E1	1.99E-02	8.82E+00	1.66E+00	7.16E+00	0.00E+00	0.00E+00	1.03E+02	9.80E-05	9.49E-03	5.90E-02	0.00E+00	1.74E-01	7.89E-07	2.30E-08	1.07E+00	1.91E-02	5.88E-01	4.10E-04	1.24E-02	2.93E+00	6.78E+01	0.00E+00	9.17E-08	1.19E-07	1.38E-02	3.52E-04	9.05E+00	0.00E+00	6.78E+01	1.66E-07	6.78E+01	7.69E+01	9.05E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-01
FR24E2	2.04E-02	9.04E+00	1.70E+00	7.33E+00	0.00E+00	0.00E+00	1.06E+02	1.00E-04	9.72E-03	6.04E-02	0.00E+00	1.79E-01	8.08E-07	2.36E-08	1.09E+00	1.95E-02	6.03E-01	4.10E-04	1.27E-02	3.00E+00	6.95E+01	0.00E+00	9.39E-08	1.22E-07	1.41E-02	3.60E-04	9.27E+00	0.00E+00	6.95E+01	1.70E-07	6.95E+01	7.88E+01	9.27E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-01
FR24G1	2.78E-02	1.23E+01	2.32E+00	1.00E+01	0.00E+00	0.00E+00	1.44E+02	1.37E-04	1.33E-02	8.26E-02	0.00E+00	2.44E-01	1.10E-06	3.23E-08	1.49E+00	2.67E-02	8.24E-01	4.10E-04	1.74E-02	4.11E+00	9.50E+01	0.00E+00	1.28E-07	1.66E-07	1.93E-02	4.93E-04	1.27E+01	0.00E+00	9.50E+01	2.33E-07	9.50E+01	1.08E+02	1.27E+01	0.00E+00	0.00E+00	0.00E+00	7.47E-01
FR24G2	2.92E-02	1.30E+01	2.44E+00	1.05E+01	0.00E+00	0.00E+00	1.51E+02	1.44E-04	1.39E-02	8.67E-02	0.00E+00	2.56E-01	1.16E-06	3.39E-08	1.56E+00	2.80E-02	8.64E-01	4.10E-04	1.82E-02	4.31E+00	9.97E+01	0.00E+00	1.35E-07	1.74E-07	2.03E-02	5.17E-04	1.33E+01	0.00E+00	9.97E+01	2.45E-07	9.97E+01	1.13E+02	1.33E+01	0.00E+00	0.00E+00	0.00E+00	7.83E-01
FR24H1	3.01E-02	1.23E+01	2.32E+00	1.00E+01	0.00E+00	0.00E+00	1.44E+02	1.37E-04	1.33E-02	8.25E-02	0.00E+00	2.44E-01	1.10E-06	3.22E-08	1.49E+00	2.67E-02	8.23E-01	4.10E-04	1.74E-02	4.10E+00	9.49E+01	0.00E+00	1.28E-07	1.66E-07	1.93E-02	4.92E-04	1.27E+01	0.00E+00	9.49E+01	2.33E-07	9.49E+01	1.08E+02	1.27E+01	0.00E+00	0.00E+00	0.00E+00	7.46E-01
FR24H2	2.92E-02	1.29E+01	2.44E+00	1.05E+01	0.00E+00	0.00E+00	1.51E+02	1.44E-04	1.39E-02	8.66E-02	0.00E+00	2.56E-01	1.16E-06	3.38E-08	1.56E+00	2.80E-02	8.63E-01	4.10E-04	1.82E-02	4.30E+00	9.95E+01	0.00E+00	1.35E-07	1.74E-07	2.02E-02	5.16E-04	1.33E+01	0.00E+00	9.95E+01	2.44E-07	9.95E+01	1.13E+02	1.33E+01	0.00E+00	0.00E+00	0.00E+00	7.82E-01
FR24S1	1.98E-02	8.80E+00	1.66E+00	7.14E+00	0.00E+00	0.00E+00	1.03E+02	9.78E-05	9.47E-03	5.89E-02	0.00E+00	1.74E-01	7.87E-07	2.30E-08	1.06E+00	1.90E-02	5.87E-01	4.10E-04	1.24E-02	2.93E+00	6.77E+01	0.00E+00	9.15E-08	1.18E-07	1.38E-02	3.51E-04	9.03E+00	0.00E+00	6.77E+01	1.66E-07	6.77E+01	7.67E+01	9.03E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-01
FR24S2	2.03E-02	9.02E+00	1.70E+00	7.32E+00	0.00E+00	0.00E+00	1.05E+02	1.00E-04	9.70E-03	6.03E-02	0.00E+00	1.78E-01	8.06E-07	2.36E-08	1.09E+00	1.95E-02	6.02E-01	4.10E-04	1.27E-02	3.00E+00	6.94E+01	0.00E+00	9.38E-08	1.21E-07	1.41E-02	3.60E-04	9.25E+00	0.00E+00	6.94E+01	1.70E-07	6.94E+01	7.86E+01	9.25E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-01
FR25E1	2.37E-02	9.74E+00	1.83E+00	7.91E+00	0.00E+00	0.00E+00	1.14E+02	1.08E-04	1.05E-02	6.51E-02	0.00E+00	1.92E-01	8.70E-07	2.54E-08	1.18E+00	2.11E-02	6.51E-01	2.05E-03	1.37E-02	3.24E+00	7.49E+01	0.00E+00	1.01E-07	1.31E-07	1.52E-02	3.88E-04	9.99E+00	0.00E+00	7.49E+01	1.84E-07	7.49E+01	8.49E+01	9.99E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-01
FR25E2	2.19E-02	9.71E+00	1.83E+00	7.88E+00	0.00E+00	0.00E+00	1.13E+02	1.08E-04	1.04E-02	6.49E-02	0.00E+00	1.92E-01	8.68E-07	2.54E-08	1.17E+00	2.10E-02	6.49E-01	2.05E-03	1.37E-02	3.23E+00	7.47E+01	0.00E+00	1.01E-07	1.31E-07	1.52E-02	3.87E-04	9.96E+00	0.00E+00	7.47E+01	1.83E-07	7.47E+01	8.46E+01	9.96E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-01
FR25G1	3.08E-02	1.37E+01	2.57E+00	1.11E+01	0.00E+00	0.00E+00	1.60E+02	1.52E-04	1.47E-02	9.15E-02	0.00E+00	2.70E-01	1.22E-06	3.57E-08	1.65E+00	2.96E-02	9.13E-01	2.05E-03	1.93E-02	4.55E+00	1.05E+02	0.00E+00	1.42E-07	1.84E-07	2.14E-02	5.45E-04	1.40E+01	0.00E+00	1.05E+02	2.58E-07	1.05E+02	1.19E+02	1.40E+01	0.00E+00	0.00E+00	0.00E+00	8.27E-01
FR25G2	3.23E-02	1.44E+01	2.70E+00	1.17E+01	0.00E+00	0.00E+00	1.68E+02	1.59E-04	1.54E-02	9.60E-02	0.00E+00	2.84E-01	1.28E-06	3.75E-08	1.73E+00	3.10E-02	9.59E-01	2.05E-03	2.02E-02	4.77E+00	1.10E+02	0.00E+00	1.49E-07	1.93E-07	2.24E-02	5.72E-04	1.47E+01	0.00E+00	1.10E+02	2.71E-07	1.10E+02	1.25E+02	1.47E+01	0.00E+00	0.00E+00	0.00E+00	8.68E-01
FR25H2	3.23E-02	1.43E+01	2.70E+00	1.16E+01	0.00E+00	0.00E+00	1.68E+02	1.59E-04	1.54E-02	9.59E-02	0.00E+00	2.83E-01	1.28E-06	3.75E-08	1.73E+00	3.10E-02	9.57E-01	2.05E-03	2.02E-02	4.77E+00	1.10E+02	0.00E+00	1.49E-07	1.93E-07	2.24E-02	5.72E-04	1.47E+01	0.00E+00	1.10E+02	2.70E-07	1.10E+02	1.25E+02	1.47E+01	0.00E+00	0.00E+00	0.00E+00	8.67E-01
FR25S1	2.19E-02	9.72E+00	1.83E+00	7.89E+00	0.00E+00	0.00E+00	1.14E+02	1.08E-04	1.05E-02	6.50E-02	0.00E+00	1.92E-01	8.69E-07	2.54E-08	1.17E+00	2.10E-02	6.50E-01	2.05E-03	1.37E-02	3.23E+00	7.48E+01	0.00E+00	1.01E-07	1.31E-07	1.52E-02	3.88E-04	9.97E+00	0.00E+00	7.48E+01	1.83E-07	7.48E+01	8.47E+01	9.97E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-01
FR25S2	2.25E-02	1.00E+01	1.88E+00	8.12E+00	0.00E+00	0.00E+00	1.17E+02	1.11E-04	1.08E-02	6.69E-02	0.00E+00	1.98E-01	8.94E-07	2.61E-08	1.21E+00	2.16E-02	6.69E-01	2.05E-03	1.41E-02	3.33E+00	7.69E+01	0.00E+00	1.04E-07	1.35E-07	1.56E-02	3.99E-04	1.03E+01	0.00E+00	7.69E+01	1.89E-07	7.69E+01	8.72E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	6.05E-01
FR26G1	3.61E-02	1.48E+01	2.78E+00	1.20E+01	0.00E+00	0.00E+00	1.73E+02	1.64E-04	1.59E-02	9.89E-02	0.00E+00	2.92E-01	1.32E-06	3.87E-08	1.79E+00	3.20E-02	9.87E-01	8.20E-04	2.08E-02	4.92E+00	1.14E+02	0.00E+00	1.54E-07	1.99E-07	2.31E-02	5.90E-04	1.52E+01	0.00E+00	1.14E+02	2.79E-07	1.14E+02	1.29E+02	1.52E+01	0.00E+00	0.00E+00	0.00E+00	8.94E-01
FR26G2	3.50E-02	1.55E+01	2.92E+00	1.26E+01	0.00E+00	0.00E+00	1.81E+02	1.73E-04	1.67E-02	1.04E-01	0.00E+00	3.07E-01	1.39E-06	4.06E-08	1.87E+00	3.36E-02	1.04E+00	8.20E-04	2.19E-02	5.16E+00	1.19E+02	0.00E+00	1.61E-07	2.09E-07	2.43E-02	6.19E-04	1.59E+01	0.00E+00	1.19E+02	2.93E-07	1.19E+02	1.35E+02	1.59E+01	0.00E+00	0.00E+00	0.00E+00	9.39E-01
FR26H2	3.50E-02	1.55E+01	2.92E+00	1.26E+01	0.00E+00	0.00E+00	1.81E+02	1.72E-04	1.67E-02	1.04E-01	0.00E+00	3.06E-01	1.39E-06	4.05E-08	1.87E+00	3.35E-02	1.03E+00	8.20E-04	2.18E-02	5.16E+00	1.19E+02	0.00E+00	1.61E-07	2.09E-07	2.42E-02	6.18E-04	1.59E+01	0.00E+00	1.19E+02	2.93E-07	1.19E+02	1.35E+02	1.59E+01	0.00E+00	0.00E+00	0.00E+00	9.38E-01
FR26S1	2.51E-02	1.03E+01	1.94E+00	8.37E+00	0.00E+00	0.00E+00	1.20E+02	1.15E-04	1.11E-02	6.89E-02	0.00E+00	2.04E-01	9.22E-07	2.69E-08	1.24E+00	2.23E-02	6.88E-01	8.20E-04	1.45E-02	3.43E+00	7.93E+01	0.00E+00	1.07E-07	1.39E-07	1.61E-02	4.11E-04	1.06E+01	0.00E+00	7.93E+01	1.94E-07	7.93E+01	8.99E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	6.23E-01
FR26S2	2.44E-02	1.08E+01	2.03E+00	8.78E+00	0.00E+00	0.00E+00	1.26E+02	1.20E-04	1.16E-02	7.23E-02	0.00E+00	2.14E-01	9.67E-07	2.82E-08	1.31E+00	2.34E-02	7.21E-01	8.20E-04	1.52E-02	3.59E+00	8.32E+01	0.00E+00	1.12E-07	1.46E-07	1.69E-02	4.31E-04	1.11E+01	0.00E+00	8.32E+01	2.04E-07	8.32E+01	9.42E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	6.54E-01
FR42E	7.17E-03	3.18E+00	5.99E-01	2.58E+00	0.00E+00	0.00E+00	3.72E+01	3.54E-05	3.42E-03	2.13E-02	0.00E+00	6.29E-02	2.85E-07	8.31E-09	3.84E-01	6.88E-03	2.12E-01	0.00E+00	4.48E-03	1.06E+00	2.45E+01	0.00E+00	3.31E-08	4.28E-08	4.97E-03	1.27E-04	3.26E+00	0.00E+00	2.45E+01	6.00E-08	2.45E+01	2.77E+01	3.26E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01
FR52E	7.10E-03	3.15E+00	5.93E-01	2.55E+00	0.00E+00	0.00E+00	3.68E+01	3.50E-05	3.39E-03	2.11E-02	0.00E+00	6.22E-02	2.82E-07	8.23E-09	3.80E-01	6.81E-03	2.10E-01	0.00E+00	4.43E-03	1.05E+00	2.42E+01	0.00E+00	3.27E-08	4.24E-08	4.92E-03	1.26E-04	3.23E+00	0.00E+00	2.42E+01	5.94E-08	2.42E+01	2.74E+01	3.23E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-01

FR62E	8.35E-03	3.70E+00	6.97E-01	3.00E+00	0.00E+00	0.00E+00	4.33E+01	4.11E-05	3.98E-03	2.48E-02	0.00E+00	7.32E-02	3.31E-07	9.68E-09	4.47E-01	8.01E-03	2.47E-01	0.00E+00	5.21E-03	1.23E+00	2.85E+01	0.00E+00	3.85E-08	4.98E-08	5.79E-03	1.48E-04	3.80E+00	0.00E+00	2.85E+01	6.99E-08	2.85E+01	3.23E+01	3.80E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-01
FR63E	1.09E-02	4.82E+00	9.08E-01	3.91E+00	0.00E+00	0.00E+00	5.64E+01	5.36E-05	5.19E-03	3.22E-02	0.00E+00	9.53E-02	4.31E-07	1.26E-08	5.82E-01	1.04E-02	3.21E-01	0.00E+00	6.79E-03	1.60E+00	3.71E+01	0.00E+00	5.01E-08	6.49E-08	7.54E-03	1.92E-04	4.95E+00	0.00E+00	3.71E+01	9.10E-08	3.71E+01	4.20E+01	4.95E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01
FR72E	8.68E-03	3.85E+00	7.25E-01	3.12E+00	0.00E+00	0.00E+00	4.50E+01	4.28E-05	4.14E-03	2.58E-02	0.00E+00	7.61E-02	3.44E-07	1.01E-08	4.65E-01	8.33E-03	2.57E-01	0.00E+00	5.42E-03	1.28E+00	2.96E+01	0.00E+00	4.00E-08	5.18E-08	6.02E-03	1.54E-04	3.95E+00	0.00E+00	2.96E+01	7.26E-08	2.96E+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	9.08E-01	3.91E+00	0.00E+00	0.00E+00	5.64E+01	5.36E-05	5.19E-03	3.22E-02	0.00E+00	9.53E-02	4.31E-07	1.26E-08	5.82E-01	1.04E-02	3.21E-01	0.00E+00	6.79E-03	1.60E+00	3.71E+01	0.00E+00	5.01E-08	6.49E-08	7.54E-03	1.92E-04	4.95E+00	0.00E+00	3.71E+01	9.10E-08	3.71E+01	4.20E+01	4.95E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01
FR74E	1.35E-02	5.99E+00	1.13E+00	4.86E+00	0.00E+00	0.00E+00	7.00E+01	6.66E-05	6.44E-03	4.01E-02	0.00E+00	1.18E-01	5.36E-07	1.57E-08	7.23E-01	1.30E-02	3.99E-01	0.00E+00	8.43E-03	1.99E+00	4.61E+01	0.00E+00	6.23E-08	8.06E-08	9.36E-03	2.39E-04	6.15E+00	0.00E+00	4.61E+01	1.13E-07	4.61E+01	5.22E+01	6.15E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-01
FR75E	1.53E-02	6.77E+00	1.27E+00	5.49E+00	0.00E+00	0.00E+00	7.91E+01	7.52E-05	7.28E-03	4.53E-02	0.00E+00	1.34E-01	6.05E-07	1.77E-08	8.17E-01	1.46E-02	4.51E-01	0.00E+00	9.53E-03	2.25E+00	5.21E+01	0.00E+00	7.04E-08	9.11E-08	1.06E-02	2.70E-04	6.95E+00	0.00E+00	5.21E+01	1.28E-07	5.21E+01	5.90E+01	6.95E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-01
FR83E	1.09E-02	4.81E+00	9.07E-01	3.91E+00	0.00E+00	0.00E+00	5.63E+01	5.35E-05	5.18E-03	3.22E-02	0.00E+00	9.52E-02	4.31E-07	1.26E-08	5.81E-01	1.04E-02	3.21E-01	0.00E+00	6.78E-03	1.60E+00	3.70E+01	0.00E+00	5.01E-08	6.48E-08	7.53E-03	1.92E-04	4.94E+00	0.00E+00	3.70E+01	9.09E-08	3.70E+01	4.20E+01	4.94E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01
FR84E	1.56E-02	6.92E+00	1.30E+00	5.62E+00	0.00E+00	0.00E+00	8.09E+01	7.69E-05	7.45E-03	4.63E-02	0.00E+00	1.37E-01	6.19E-07	1.81E-08	8.36E-01	1.50E-02	4.61E-01	0.00E+00	9.74E-03	2.30E+00	5.32E+01	0.00E+00	7.19E-08	9.32E-08	1.08E-02	2.76E-04	7.10E+00	0.00E+00	5.32E+01	1.31E-07	5.32E+01	6.03E+01	7.10E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-01
FR85E	1.74E-02	7.72E+00	1.45E+00	6.26E+00	0.00E+00	0.00E+00	9.02E+01	8.58E-05	8.30E-03	5.16E-02	0.00E+00	1.53E-01	6.90E-07	2.02E-08	9.32E-01	1.67E-02	5.15E-01	0.00E+00	1.09E-02	2.57E+00	5.94E+01	0.00E+00	8.02E-08	1.04E-07	1.21E-02	3.08E-04	7.92E+00	0.00E+00	5.94E+01	1.46E-07	5.94E+01	6.73E+01	7.92E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-01
FR92E	1.01E-02	4.50E+00	8.47E-01	3.65E+00	0.00E+00	0.00E+00	5.26E+01	5.00E-05	4.84E-03	3.01E-02	0.00E+00	8.90E-02	4.03E-07	1.18E-08	5.44E-01	9.74E-03	3.00E-01	0.00E+00	6.34E-03	1.50E+00	3.46E+01	0.00E+00	4.68E-08	6.06E-08	7.04E-03	1.80E-04	4.62E+00	0.00E+00	3.46E+01	8.49E-08	3.46E+01	3.92E+01	4.62E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-01
FR92S	1.01E-02	4.49E+00	8.45E-01	3.64E+00	0.00E+00	0.00E+00	5.25E+01	4.99E-05	4.83E-03	3.00E-02	0.00E+00	8.87E-02	4.01E-07	1.17E-08	5.42E-01	9.71E-03	2.99E-01	0.00E+00	6.32E-03	1.49E+00	3.45E+01	0.00E+00	4.67E-08	6.04E-08	7.02E-03	1.79E-04	4.61E+00	0.00E+00	3.45E+01	8.47E-08	3.45E+01	3.91E+01	4.61E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-01
FR93E	1.27E-02	5.64E+00	1.06E+00	4.58E+00	0.00E+00	0.00E+00	6.59E+01	6.27E-05	6.07E-03	3.77E-02	0.00E+00	1.11E-01	5.04E-07	1.47E-08	6.81E-01	1.22E-02	3.76E-01	0.00E+00	7.94E-03	1.87E+00	4.34E+01	0.00E+00	5.86E-08	7.59E-08	8.81E-03	2.25E-04	5.79E+00	0.00E+00	4.34E+01	1.06E-07	4.34E+01	4.91E+01	5.79E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-01
FR93G	1.79E-02	7.95E+00	1.50E+00	6.45E+00	0.00E+00	0.00E+00	9.29E+01	8.83E-05	8.55E-03	5.32E-02	0.00E+00	1.57E-01	7.11E-07	2.08E-08	9.60E-01	1.72E-02	5.30E-01	0.00E+00	1.12E-02	2.64E+00	6.11E+01	0.00E+00	8.26E-08	1.07E-07	1.24E-02	3.17E-04	8.16E+00	0.00E+00	6.11E+01	1.50E-07	6.11E+01	6.93E+01	8.16E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-01
FR93S	1.27E-02	5.62E+00	1.06E+00	4.56E+00	0.00E+00	0.00E+00	6.57E+01	6.25E-05	6.05E-03	3.76E-02	0.00E+00	1.11E-01	5.03E-07	1.47E-08	6.79E-01	1.22E-02	3.75E-01	0.00E+00	7.91E-03	1.87E+00	4.32E+01	0.00E+00	5.84E-08	7.57E-08	8.79E-03	2.24E-04	5.77E+00	0.00E+00	4.32E+01	1.06E-07	4.32E+01	4.90E+01	5.77E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-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-05	7.48E-03	4.65E-02	0.00E+00	1.37E-01	6.22E-07	1.82E-08	8.39E-01	1.50E-02	4.63E-01	0.00E+00	9.79E-03	2.31E+00	5.35E+01	0.00E+00	7.23E-08	9.36E-08	1.09E-02	2.77E-04	7.13E+00	0.00E+00	5.35E+01	1.31E-07	5.35E+01	6.06E+01	7.13E+00	0.00E+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-05	7.43E-03	4.62E-02	0.00E+00	1.36E-01	6.17E-07	1.80E-08	8.33E-01	1.49E-02	4.60E-01	0.00E+00	9.72E-03	2.29E+00	5.31E+01	0.00E+00	7.18E-08	9.29E-08	1.08E-02	2.75E-04	7.08E+00	0.00E+00	5.31E+01	1.30E-07	5.31E+01	6.02E+01	7.08E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-01
FR95E	1.75E-02	7.77E+00	1.46E+00	6.30E+00	0.00E+00	0.00E+00	9.08E+01	8.63E-05	8.36E-03	5.19E-02	0.00E+00	1.54E-01	6.95E-07	2.03E-08	9.38E-01	1.68E-02	5.18E-01	0.00E+00	1.09E-02	2.58E+00	5.97E+01	0.00E+00	8.08E-08	1.05E-07	1.21E-02	3.10E-04	7.97E+00	0.00E+00	5.97E+01	1.47E-07	5.97E+01	6.77E+01	7.97E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-01
FR95S	1.76E-02	7.79E+00	1.47E+00	6.32E+00	0.00E+00	0.00E+00	9.10E+01	8.65E-05	8.38E-03	5.21E-02	0.00E+00	1.54E-01	6.96E-07	2.03E-08	9.40E-01	1.68E-02	5.19E-01	0.00E+00	1.10E-02	2.59E+00	5.99E+01	0.00E+00	8.10E-08	1.05E-07	1.22E-02	3.11E-04	7.99E+00	0.00E+00	5.99E+01	1.47E-07	5.99E+01	6.79E+01	7.99E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-01
FW324FT	6.40E-03	2.85E+00	5.33E-01	2.32E+00	0.00E+00	0.00E+00	3.31E+01	3.16E-05	3.05E-03	1.90E-02	0.00E+00	5.60E-02	2.53E-07	7.40E-09	3.45E-01	6.12E-03	1.94E-01	5.65E-03	4.02E-03	9.51E-01	2.18E+01	0.00E+00	2.95E-08	3.82E-08	4.43E-03	1.14E-04	2.91E+00	0.00E+00	2.18E+01	5.37E-08	2.18E+01	2.47E+01	2.91E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-01
FW324WT	4.50E-03	2.00E+00	3.76E-01	1.62E+00	0.00E+00	0.00E+00	2.33E+01	2.22E-05	2.15E-03	1.33E-02	0.00E+00	3.94E-02	1.78E-07	5.22E-09	2.41E-01	4.32E-03	1.33E-01	4.51E-04	2.81E-03	6.64E-01	1.54E+01	0.00E+00	2.07E-08	2.69E-08	3.12E-03	7.96E-05	2.05E+00	0.00E+00	1.54E+01	3.77E-08	1.54E+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	2.55E+00	0.00E+00	0.00E+00	3.65E+01	3.48E-05	3.36E-03	2.09E-02	0.00E+00	6.17E-02	2.79E-07	8.16E-09	3.80E-01	6.75E-03	2.13E-01	5.65E-03	4.43E-03	1.05E+00	2.41E+01	0.00E+00	3.25E-08	4.21E-08	4.89E-03	1.25E-04	3.21E+00	0.00E+00	2.41E+01	5.91E-08	2.41E+01	2.73E+01	3.21E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-01
FW424WT	5.08E-03	2.25E+00	4.24E-01	1.83E+00	0.00E+00	0.00E+00	2.63E+01	2.51E-05	2.42E-03	1.51E-02	0.00E+00	4.45E-02	2.02E-07	5.89E-09	2.72E-01	4.87E-03	1.51E-01	4.51E-04	3.18E-03	7.50E-01	1.73E+01	0.00E+00	2.34E-08	3.03E-08	3.52E-03	8.99E-05	2.31E+00	0.00E+00	1.73E+01	4.25E-08	1.73E+01	1.97E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-01
FW436WT	6.66E-03	2.95E+00	5.56E-01	2.40E+00	0.00E+00	0.00E+00	3.45E+01	3.28E-05	3.18E-03	1.98E-02	0.00E+00	5.84E-02	2.64E-07	7.72E-09	3.57E-01	6.39E-03	1.97E-01	4.51E-04	4.16E-03	9.83E-01	2.27E+01	0.00E+00	3.07E-08	3.98E-08	4.62E-03	1.18E-04	3.03E+00	0.00E+00	2.27E+01	5.57E-08	2.27E+01	2.58E+01	3.03E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-01
FW524FT	8.36E-03	3.72E+00	6.96E-01	3.02E+00	0.00E+00	0.00E+00	4.33E+01	4.12E-05	3.98E-03	2.48E-02	0.00E+00	7.32E-02	3.31E-07	9.68E-09	4.50E-01	8.00E-03	2.52E-01	5.65E-03	5.25E-03	1.24E+00	2.85E+01	0.00E+00	3.85E-08	4.99E-08	5.79E-03	1.48E-04	3.81E+00	0.00E+00	2.85E+01	7.01E-08	2.85E+01	3.23E+01	3.81E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-01
FW524WT	9.83E-03	4.36E+00	8.21E-01	3.54E+00	0.00E+00	0.00E+00	5.10E+01	4.85E-05	4.69E-03	2.92E-02	0.00E+00	8.62E-02	3.90E-07	1.14E-08	5.27E-01	9.43E-03	2.91E-01	4.51E-04	6.14E-03	1.45E+00	3.35E+01	0.00E+00	4.53E-08	5.87E-08	6.82E-03	1.74E-04	4.47E+00	0.00E+00	3.35E+01	8.23E-08	3.35E+01	3.80E+01	4.47E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-01
FW536FT	9.48E-03	4.22E+00	7.90E-01	3.43E+00	0.00E+00	0.00E+00	4.91E+01	4.67E-05	4.52E-03	2.81E-02	0.00E+00	8.30E-02	3.75E-07	1.10E-08	5.10E-01	9.07E-03	2.85E-01	5.65E-03	5.95E-03	1.40E+00	3.23E+01	0.00E+00	4.37E-08	5.66E-08	6.57E-03	1.68E-04	4.32E+00	0.00E+00	3.23E+01	7.94E-08	3.23E+01	3.67E+01	4.32E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-01
FW624FT	9.41E-03	4.18E+00	7.84E-01	3.40E+00	0.00E+00	0.00E+00	4.87E+01	4.64E-05	4.48E-03	2.79E-02	0.00E+00	8.23E-02	3.72E-07	1.09E-08	5.06E-01	9.01E-03	2.83E-01	5.65E-03	5.90E-03	1.39E+00	3.21E+01	0.00E+00	4.33E-08	5.62E-08	6.52E-03	1.67E-04	4.28E+00	0.00E+00	3.21E+01	7.88E-08	3.21E+01	3.64E+01	4.28E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-01
FW624WT	6.27E-03	2.78E+00	5.23E-01	2.26E+00	0.00E+00	0.00E+00	3.25E+01	3.09E-05	2.99E-03	1.86E-02	0.00E+00	5.50E-02	2.49E-07	7.27E-09	3.36E-01	6.01E-03	1.86E-01	4.51E-04	3.92E-03	9.25E-01	2.14E+01	0.00E+00	2.89E-08	3.74E-08	4.35E-03	1.11E-04	2.85E+00	0.00E+00	2.14E+01	5.25E-08	2.14E+01	2.42E+01	2.85E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-01
FW636FT	1.05E-02	4.68E+00	8.77E-01	3.80E+00	0.00E+00	0.00E+00	5.45E+01	5.19E-05	5.02E-03	3.12E-02	0.00E+00	9.22E-02	4.17E-07	1.22E-08	5.66E-01	1.01E-02	3.16E-01	5.65E-03	6.60E-03	1.56E+00	3.59E+01	0.00E+00	4.85E-08	6.29E-08	7.30E-03	1.87E-04	4.79E+00	0.00E+00	3.59E+01	8.82E-08	3.59E+01	4.07E+01	4.79E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-01
FWB31D1	1.64E-03	7.29E-01	1.37E-01	5.92E-01	0.00E+00	0.00E+00	8.52E+00	8.10E-06	7.84E-04	4.87E-03	0.00E+00	1.44E-02	6.52E-08	1.90E-09	8.80E-02	1.58E-03	4.86E-02	0.00E+00	1.03E-03	2.42E-01	5.61E+00	0.00E+00	7.58E-09	9.81E-09	1.14E-03	2.91E-05	7.48E-01	0.00E+00	5.61E+00	1.38E-08	5.61E+00	6.35E+00	7.48E-01	0.00E+00	0.00E+00	0.00E+00	4.41E-02
FWB31S	1.66E-03	7.41E-01	1.38E-01	6.03E-01	0.00E+00	0.00E+00	8.56E+00	8.18E-06	7.89E-04	4.92E-03	0.00E+00	1.45E-02	6.54E-08	1.92E-09	8.98E-02	1.58E-03	5.11E-02	2.54E-03	1.05E-03	2.48E-01	5.66E+00	0.00E+00	7.63E-09	9.91E-09	1.15E-03	2.95E-05	7.56E-01	0.00E+00	5.66E+00	1.39E-08	5.66E+00	6.42E+00	7.56E-01	0.00E+00	0.00E+00	0.00E+00	4.50E-02
FWB32D1	2.37E-03	1.05E+00	1.98E-01	8.54E-01	0.00E+00	0.00E+00	1.23E+01	1.17E-05	1.13E-03	7.04E-03	0.00E+00	2.08E-02	9.42E-08	2.75E-09	1.27E-01	2.28E-03	7.02E-02	0.00E+00	1.48E-03	3.50E-01	8.10E+00	0.00E+00	1.09E-08	1.42E-08	1.65E-03	4.20E-05	1.08E+00	0.00E+00	8.10E+00	1.99E-08	8.10E+00	9.18E+00	1.08E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-02
FWB32M2	2.39E-03	1.07E+00	1.99E-01	8.68E-01	0.00E+00	0.00E+00	1.24E+01	1.18E-05	1.14E-03	7.10E-03	0.00E+00	2.09E-02	9.46E-08	2.77E-09	1.29E-01	2.29E-03	7.28E-02	2.54E-03	1.51E-03	3.56E-01	8.17E+00	0.00E+00	1.10E-08	1.43E-08	1.66E-03	4.25E-05	1.09E+00	0.00E+00	8.17E+00	2.01E-08	8.17E+00	9.26E+00	1.09E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-02
FWB32S	2.39E-03	1.06E+00	1.99E-01	8.66E-01	0.00E+00	0.00E+00	1.24E+01	1.18E-05	1.14E-03	7.08E-03	0.00E+00	2.09E-02	9.44E-08	2.76E-09	1.29E-01	2.28E-03	7.27E-02	2.54E-03	1.50E-03	3.56E-01	8.15E+00	0.00E+00	1.10E-08	1.43E-08	1.65E-03	4.24E-05	1.09E+00	0.00E+00	8.15E+00	2.00E-08	8.15E+00	9.24E+00	1.09E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-02
FWB34S	3.85E-03	1.71E+00	3.21E-01	1.39E+00	0.00E+00	0.00E+00	1.99E+01	1.90E-05	1.83E-03	1.14E-02	0.00E+00	3.37E-02	1.52E-07	4.45E-09	2.07E-01	3.68E-03	1.16E-01	2.54E-03	2.42E-03	5.71E-01	1.31E+01	0.00E+00	1.77E-08	2.30E-08	2.67E-03	6.82E-05	1.75E+00	0.00E+00	1.31E+01	3.23E-08	1.31E+01	1.49E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
FWB41D1	1.95E-03	8.64E-01	1.63E-01	7.01E-01	0.00E+00	0.00E+00	1.01E+01	9.60E-06	9.29E-04	5.78E-03	0.00E+00	1.71E-02	7.73E-08	2.26E-09	1.04E-01	1.87E-03	5.76E-02	0.00E+00	1.22E-03	2.87E-01	6.64E+00	0.00E+00	8.98E-09	1.16E-08	1.35E-03	3.44E-05	8.86E-01	0.00E+00	6.64E+00	1.63E-08	6.64E+00	7.53E+00	8.86E-01	0.00E+00	0.00E+00	0.00E+00	5.22E-02
FWB41S	1.97E-03	8.77E-01	1.63E-01	7.14E-01	0.00E+00	0.00E+00	1.02E+01	9.70E-06	9.35E-04	5.83E-03	0.00E+00	1.72E-02	7.76E-08	2.27E-09	1.06E-01	1.88E-03	6.02E-02	2.54E-03	1.24E-03	2.93E-01	6.71E+00	0.00E+00	9.05E-09	1.17E-08	1.36E-03	3.49E-05	8.96E-01	0.00E+00	6.71E+00	1.65E-08	6.71E+00	7.60E+00	8.96E-01	0.00E+00	0.00E+00	0.00E+00	5.32E-02
FWB42D1	2.81E-03	1.25E+00	2.35E-01	1.01E+00	0.00E+00	0.00E+00	1.46E+01	1.39E-05	1.34E-03	8.34E-03	0.00E+00	2.47E-02	1.12E-07	3.26E-09	1.51E-01	2.70E-03	8.32E-02	0.00E+00	1.76E-03	4.15E-01	9.59E+00	0.00E+00	1.30E-08	1.68E-08	1.95E-03	4.97E-05	1.28E+00	0.00E+00	9.59E+00	2.35E-08	9.59E+00	1.09E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-02
FWB42K1	3.10E-03	1.30E+00	2.36E-01	1.06E+00	0.00E+00	0.00E+00	1.47E+01	1.42E-05	1.35E-03	8.47E-03	0.00E+00	2.48E-02	1.12E-07	3.29E-09	1.58E-01	2.71E-03	9.44E-02	1.21E-02	1.85E-03	4.38E-01	9.78E+00	0.00E+00	1.31E-08	1.72E-08	1.98E-03	5.14E-05	1.31E+00	0.00E+00	9.78E+00	2.42E-08	9.78E+00	1.11E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-02
FWB42K5	2.86E-03	1.30E+00	2.36E-01	1.06E+00	0.00E+00	0.00E+00	1.47E+01	1.42E-05	1.35E-03	8.47E-03	0.00E+00	2.48E-02	1.12E-07	3.29E-09	1.58E-01	2.71E-03	9.44E-02	1.21E-02	1.85E-03	4.38E-01	9.78E+00	0.00E+00	1.31E-08	1.72E-08	1.98E-03	5.14E-05	1.31E+00	0.00E+00	9.78E+00	2.42E-08	9.78E+00	1.11E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-02
FWB42M2	2.83E-03	1.26E+00	2.35E-01	1.02E+00	0.00E+00	0.00E+00	1.46E+01	1.39E-05	1.35E-03	8.38E-03	0.00E+00	2.47E-02	1.12E-07	3.27E-09	1.52E-01	2.70E-03	8.56E-02	2.54E-03	1.78E-03	4.20E-01	9.65E+00	0.00E+00	1.30E-08	1.69E-08	1.96E-03	5.02E-05	1.29E+00	0.00E+00	9.65E+00	2.37E-08	9.65E+00	1.09E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-02
FWB42P2	2.86E-03	1.29E+00	2.35E-01	1.05E+00	0.00E+00	0.00E+00	1.46E+01	1.41E-05	1.35E-03	8.45E-03	0.00E+00	2.48E-02	1.12E-07	3.29E-09	1.57E-01	2.70E-03	9.30E-02	1.07E-02	1.84E-03	4.35E-01	9.75E+00	0.00E+00	1.31E-08	1.71E-08	1.97E-03	5.12E-05	1.30E+00	0.00E+00	9.75E+00	2.41E-08	9.75E+00	1.11E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-02
FWB42S	2.83E-03	1.26E+00	2.35E-01	1.02E+00	0.00E+00	0.00E+00	1.46E+01	1.39E-05	1.35E-03	8.38E-03	0.00E+00	2.47E-02	1.12E-07	3.27E-09	1.52E-01	2.70E-03	8.56E-02	2.54E-03	1.78E-03	4.20E-01	9.65E+00	0.00E+00	1.30E-08	1.69E-08	1.96E-03	5.02E-05	1.29E+00	0.00E+00	9.65E+00	2.37E-08	9.65E+00	1.09E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-02
FWB43S	3.70E-03	1.65E+00	3.08E-01	1.34E+00	0.00E+00	0.00E+00	1.91E+01	1.82E-05	1.76E-03	1.10E-02	0.00E+00	3.24E-02	1.46E-07	4.28E-09	1.99E-01	3.54E-03	1.11E-01	2.54E-03	2.32E-03	5.49E-01	1.26E+01	0.00E+00	1.70E-08	2.21E-08	2.56E-03	6.56E-05	1.68E+00	0.00E+00	1.26E+01	3.10E-08	1.26E+01	1.43E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-02
FWB44S	4.57E-03	2.03E+00	3.81E-01	1.65E+00	0.00E+00	0.00E+00	2.36E+01	2.25E-05	2.18E-03	1.35E-02	0.00E+00	4.00E-02	1.81E-07	5.29E-09	2.46E-01	4.37E-03	1.37E-01	2.54E-03	2.86E-03	6.77E-01	1.56E+01	0.00E+00	2.10E-08	2.73E-08	3.16E-03	8.09E-05	2.08E+00	0.00E+00	1.56E+01	3.83E-08	1.56E+01	1.77E+01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01
FWB51D1	2.25E-03	9.99E-01	1.88E-01	8.11E-01	0.00E+00	0.00E+00	1.17E+01	1.11E-05	1.07E-03	6.68E-03	0.00E+00	1.97E-02	8.93E-08	2.61E-09	1.21E-01	2.16E-03	6.66E-02	0.00E+00	1.41E-03	3.32E-01	7.68E+00	0.00E+00	1.04E-08	1.34E-08	1.56E-03	3.98E-05	1.02E+00	0.00E+00	7.68E+00	1.88E-08	7.68E+00	8.71E+00	1.02E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-02
FWB51S	2.27E-03	1.01E+00	1.89E-01	8.23E-01	0.00E+00	0.00E+00	1.17E+01	1.12E-05	1.08E-03	6.73E-03	0.00E+00	1.98E-02	8.97E-08	2.63E-09	1.23E-01	2.17E-03	6.92E-02	2.54E-03	1.43E-03	3.38E-01	7.75E+00	0.00E+00	1.04E-08	1.36E-08	1.57E-03	4.03E-05	1.03E+00	0.00E+00	7.75E+00	1.91E-08	7.75E+00	8.78E+00	1.03E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-02
FWB51T1S	2.27E-03	1.01E+00	1.89E-01	8.23E-01	0.00E+00	0.00E+00	1.17E+01	1.12E-05	1.08E-03	6.73E-03	0.00E+00	1.98E-02	8.97E-08	2.63E-09	1.23E-01	2.17E-03	6.91E-02	2.41E-03	1.43E-03	3.38E-01	7.74E+00	0.00E+00	1.04E-08	1.36E-08	1.57E-03	4.03E-05	1.03E+00	0.00E+00	7.74E+00	1.90E-08	7.74E+00	8.78E+00	1.03E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-02
FWB52D1	3.26E-03	1.44E+00	2.72E-01	1.17E+00	0.00E+00	0.00E+00	1.69E+01	1.61E-05	1.55E-03	9.66E-03	0.00E+00	2.85E-02	1.29E-07	3.77E-09	1.74E-01	3.12E-03	9.63E-02	0.00E+00	2.03E-03	4.80E-01	1.11E+01	0.00E+00	1.50E-08	1.94E-08	2.26E-03	5.76E-05	1.48E+00	0.00E+00	1.11E+01	2.72E-08	1.11E+01	1.26E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-02
FWB52K1	3.31E-03	1.49E+00	2.73E-01	1.22E+00	0.00E+00	0.00E+00	1.70E+01	1.63E-05	1.57E-03	9.79E-03	0.00E+00	2.87E-02	1.30E-07	3.81E-09	1.82E-01	3.13E-03	1.08E-01	1.21E-02	2.13E-03	5.03E-01	1.13E+01	0.00E+00	1.52E-08	1.98E-08	2.29E-03	5.93E-05	1.51E+00	0.00E+00	1.13E+01	2.80E-08	1.13E+01	1.28E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-02
FWB52K5	3.31E-03	1.49E+00	2.73E-01	1.22E+00	0.00E+00	0.00E+00	1.70E+01	1.63E-05	1.57E-03	9.79E-03	0.00E+00	2.87E-02	1.30E-07	3.81E-09	1.82E-01	3.13E-03	1.08E-01	1.21E-02	2.13E-03	5.03E-01	1.13E+01	0.00E+00	1.52E-08	1.98E-08	2.29E-03	5.93E-05	1.51E+00	0.00E+00	1.13E+01	2.80E-08	1.13E+01	1.28E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-02
FWB52M2	3.28E-03	1.46E+00	2.73E-01	1.19E+00	0.00E+00	0.00E+00	1.70E+01	1.62E-05	1.56E-03	9.72E-03	0.00E+00	2.87E-02	1.30E-07	3.80E-09	1.77E-01	3.14E-03	9.90E-02	2.54E-03	2.06E-03	4.87E-01	1.12E+01	0.00E+00	1.51E-08	1.96E-08	2.27E-03	5.82E-05	1.49E+00	0.00E+00	1.12E+01	2.75E-08	1.12E+01	1.27E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-02
FWB52N	3.27E-03	1.46E+00	2.72E-01	1.18E+00	0.00E+00	0.00E+00	1.69E+01	1.61E-05	1.56E-03	9.70E-03	0.00E+00	2.86E-02	1.29E-07	3.79E-09	1.76E-01	3.13E-03	9.88E-02	2.54E-03	2.06E-03	4.86E-01	1.12E+01	0.00E+00	1.51E-08	1.95E-08	2.27E-03	5.80E-05	1.49E+00	0.00E+00	1.12E+01	2.74E-08	1.12E+01	1.27E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-02
FWB52N3	3.27E-03	1.46E+00	2.72E-01	1.18E+00	0.00E+00	0.00E+00	1.69E+01	1.61E-05	1.56E-03	9.70E-03	0.00E+00	2.86E-02	1.29E-07	3.79E-09	1.76E-01	3.13E-03	9.88E-02	2.54E-03	2.06E-03	4.86E-01	1.12E+01	0.00E+00	1.51E-08	1.95E-08	2.27E-03	5.80E-05	1.49E+00	0.00E+00	1.12E+01	2.74E-08	1.12E+01	1.27E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-02
FWB52P2	3.30E-03	1.49E+00	2.73E-01	1.21E+00	0.00E+00	0.00E+00	1.70E+01	1.63E-05	1.56E-03	9.77E-03	0.00E+00	2.87E-02	1.30E-07	3.80E-09	1.81E-01	3.13E-03	1.06E-01	1.07E-02	2.12E-03	5.01E-01	1.13E+01	0.00E+00	1.51E-08	1.98E-08	2.28E-03	5.91E-05	1.51E+00	0.00E+00	1.13E+01	2.79E-08	1.13E+01	1.28E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-02
FWB53K1	4.67E-03	1.94E+00	3.57E-01	1.58E+00	0.00E+00	0.00E+00	2.22E+01	2.13E-05	2.05E-03	1.28E-02	0.00E+00	3.76E-02	1.70E-07	4.97E-09	2.36E-01	4.10E-03	1.37E-01	1.21E-02	2.76E-03	6.52E-01	1.47E+01	0.00E+00	1.98E-08	2.58E-08	2.98E-03	7.71E-05	1.97E+00	0.00E+00	1.47E+01	3.64E-08	1.47E+01	1.67E+01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-01
FWB53N	4.28E-03	1.90E+00	3.57E-01	1.55E+00	0.00E+00	0.00E+00	2.22E+01	2.11E-05	2.04E-03	1.27E-02	0.00E+00	3.75E-02	1.70E-07	4.96E-09	2.30E-01	4.10E-03	1.29E-01	2.54E-03	2.69E-03	6.35E-01	1.46E+01	0.00E+00	1.97E-08	2.56E-08	2.97E-03	7.59E-05	1.95E+00	0.00E+00	1.46E+01	3.59E-08	1.46E+01	1.66E+01	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
FWB53N3	4.28E-03	1.90E+00	3.57E-01	1.55E+00	0.00E+00	0.00E+00	2.22E+01	2.11E-05	2.04E-03	1.27E-02	0.00E+00	3.75E-02	1.70E-07	4.96E-09	2.30E-01	4.10E-03	1.29E-01	2.54E-03	2.69E-03	6.35E-01	1.46E+01	0.00E+00	1.97E-08	2.56E-08	2.97E-03	7.59E-05	1.95E+00	0.00E+00	1.46E+01	3.59E-08	1.46E+01	1.66E+01	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
FWB53S	4.28E-03	1.90E+00	3.56E-01	1.55E+00	0.00E+00	0.00E+00	2.21E+01	2.11E-05	2.04E-03	1.27E-02	0.00E+00	3.74E-02	1.69E-07	4.95E-09	2.30E-01	4.09E-03	1.28E-01	2.54E-03	2.68E-03	6.34E-01	1.46E+01	0.00E+00	1.97E-08	2.55E-08	2.96E-03	7.58E-05	1.95E+00	0.00E+00	1.46E+01	3.58E-08	1.46E+01	1.65E+01	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
FWB54S	5.27E-03	2.34E+00	4.40E-01	1.90E+00	0.00E+00	0.00E+00	2.73E+01	2.60E-05	2.51E-03	1.56E-02	0.00E+00	4.62E-02	2.09E-07	6.11E-09	2.83E-01	5.05E-03	1.58E-01	2.54E-03	3.31E-03	7.81E-01	1.80E+01	0.00E+00	2.43E-08	3.15E-08	3.66E-03	9.34E-05	2.40E+00	0.00E+00	1.80E+01	4.42E-08	1.80E+01	2.04E+01	2.40E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-01
FWB61D	2.56E-03	1.14E+00	2.13E-01	9.29E-01	0.00E+00	0.00E+00	1.33E+01	1.27E-05	1.22E-03	7.60E-03	0.00E+00	2.24E-02	1.01E-07	2.97E-09	1.38E-01	2.45E-03	7.79E-02	2.54E-03	1.61E-03	3.81E-01	8.75E+00	0.00E+00	1.18E-08	1.53E-08	1.78E-03	4.55E-05	1.17E+00	0.00E+00	8.75E+00	2.15E-08	8.75E+00	9.92E+00	1.17E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-02
FWB61S	2.57E-03	1.15E+00	2.14E-01	9.32E-01	0.00E+00	0.00E+00	1.33E+01	1.27E-05	1.22E-03	7.62E-03	0.00E+00	2.25E-02	1.02E-07	2.98E-09	1.39E-01	2.46E-03	7.81E-02	2.54E-03	1.62E-03	3.82E-01	8.78E+00	0.00E+00	1.18E-08	1.54E-08	1.78E-03	4.56E-05	1.17E+00	0.00E+00	8.78E+00	2.16E-08	8.78E+00	9.95E+00	1.17E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02
FWB62D1	3.70E-03	1.64E+00	3.09E-01	1.33E+00	0.00E+00	0.00E+00	1.92E+01	1.82E-05	1.77E-03	1.10E-02	0.00E+00	3.24E-02	1.47E-07	4.29E-09	1.98E-01	3.55E-03	1.09E-01	0.00E+00	2.31E-03	5.46E-01	1.26E+01	0.00E+00	1.71E-08	2.21E-08	2.57E-03	6.55E-05	1.68E+00	0.00E+00	1.26E+01	3.10E-08	1.26E+01	1.43E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-02
FWB62K1	4.07E-03	1.69E+00	3.10E-01	1.38E+00	0.00E+00	0.00E+00	1.93E+01	1.86E-05	1.78E-03	1.11E-02	0.00E+00	3.26E-02	1.47E-07	4.32E-09	2.07E-01	3.56E-03	1.22E-01	1.35E-02	2.41E-03	5.71E-01	1.28E+01	0.00E+00	1.72E-08	2.25E-08	2.60E-03	6.73E-05	1.72E+00	0.00E+00	1.28E+01	3.17E-08	1.28E+01	1.45E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
FWB62K5	3.76E-03	1.69E+00	3.10E-01	1.38E+00	0.00E+00	0.00E+00	1.93E+01	1.86E-05	1.78E-03	1.11E-02	0.00E+00	3.26E-02	1.47E-07	4.32E-09	2.07E-01	3.56E-03	1.22E-01	1.35E-02	2.41E-03	5.71E-01	1.28E+01	0.00E+00	1.72E-08	2.25E-08	2.60E-03	6.73E-05	1.72E+00	0.00E+00	1.28E+01	3.17E-08	1.28E+01	1.45E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
FWB62M2	3.72E-03	1.66E+00	3.10E-01	1.35E+00	0.00E+00	0.00E+00	1.93E+01	1.84E-05	1.77E-03	1.10E-02	0.00E+00	3.26E-02	1.47E-07	4.31E-09	2.00E-01	3.56E-03	1.12E-01	2.54E-03	2.34E-03	5.52E-01	1.27E+01	0.00E+00	1.72E-08	2.22E-08	2.58E-03	6.60E-05	1.70E+00	0.00E+00	1.27E+01	3.12E-08	1.27E+01	1.44E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01
FWB62N	3.72E-03	1.66E+00	3.10E-01	1.35E+00	0.00E+00	0.00E+00	1.93E+01	1.84E-05	1.78E-03	1.10E-02	0.00E+00	3.26E-02	1.47E-07	4.31E-09	2.00E-01	3.56E-03	1.12E-01	2.54E-03	2.34E-03	5.52E-01	1.27E+01	0.00E+00	1.72E-08	2.23E-08	2.58E-03	6.60E-05	1.70E+00	0.00E+00	1.27E+01	3.12E-08	1.27E+01	1.44E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01
FWB62N3	3.72E-03	1.65E+00	3.10E-01	1.34E+00	0.00E+00	0.00E+00	1.93E+01	1.83E-05	1.77E-03	1.10E-02	0.00E+00	3.26E-02	1.47E-07	4.31E-09	2.00E-01	3.56E-03	1.12E-01	2.54E-03	2.34E-03	5.52E-01	1.27E+01	0.00E+00	1.71E-08	2.22E-08	2.58E-03	6.59E-05	1.69E+00	0.00E+00	1.27E+01	3.12E-08	1.27E+01	1.44E+01	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01
FWB62S	4.02E-03	1.66E+00	3.10E-01	1.35E+00	0.00E+00	0.00E+00	1.93E+01	1.84E-05	1.77E-03	1.10E-02	0.00E+00	3.26E-02	1.47E-07	4.31E-09	2.00E-01	3.56E-03	1.12E-01	2.54E-03	2.34E-03	5.52E-01	1.27E+01	0.00E+00	1.71E-08	2.22E-08	2.58E-03	6.60E-05	1.69E+00	0.00E+00	1.27E+01	3.12E-08	1.27E+01	1.44E+01	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01
FWB63D1	5.00E-03	2.22E+00	4.17E-01	1.80E+00	0.00E+00	0.00E+00	2.59E+01	2.46E-05	2.38E-03	1.48E-02	0.00E+00	4.38E-02	1.98E-07	5.79E-09	2.68E-01	4.79E-03	1.48E-01	0.00E+00	3.12E-03	7.37E-01	1.70E+01	0.00E+00	2.30E-08	2.98E-08	3.46E-03	8.84E-05	2.27E+00	0.00E+00	1.70E+01	4.18E-08	1.70E+01	1.93E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
FWB63K1	5.47E-03	2.27E+00	4.18E-01	1.85E+00	0.00E+00	0.00E+00	2.60E+01	2.50E-05	2.40E-03	1.50E-02	0.00E+00	4.40E-02	1.99E-07	5.83E-09	2.76E-01	4.81E-03	1.60E-01	1.35E-02	3.23E-03	7.63E-01	1.73E+01	0.00E+00	2.32E-08	3.03E-08	3.50E-03	9.03E-05	2.31E+00	0.00E+00	1.73E+01	4.26E-08	1.73E+01	1.96E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01
FWB63K5	5.06E-03	2.27E+00	4.18E-01	1.85E+00	0.00E+00	0.00E+00	2.60E+01	2.50E-05	2.40E-03	1.50E-02	0.00E+00	4.40E-02	1.99E-07	5.83E-09	2.76E-01	4.81E-03	1.60E-01	1.35E-02	3.23E-03	7.63E-01	1.73E+01	0.00E+00	2.32E-08	3.03E-08	3.50E-03	9.03E-05	2.31E+00	0.00E+00	1.73E+01	4.26E-08	1.73E+01	1.96E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01
FWB63N	5.03E-03	2.24E+00	4.19E-01	1.82E+00	0.00E+00	0.00E+00	2.60E+01	2.48E-05	2.40E-03	1.49E-02	0.00E+00	4.40E-02	1.99E-07	5.82E-09	2.70E-01	4.82E-03	1.51E-01	2.54E-03	3.15E-03	7.45E-01	1.72E+01	0.00E+00	2.32E-08	3.00E-08	3.49E-03	8.91E-05	2.29E+00	0.00E+00	1.72E+01	4.21E-08	1.72E+01	1.94E+01	2.29E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-01
FWB63N3	5.02E-03	2.23E+00	4.19E-01	1.81E+00	0.00E+00	0.00E+00	2.60E+01	2.48E-05	2.39E-03	1.49E-02	0.00E+00	4.40E-02	1.99E-07	5.81E-09	2.70E-01	4.81E-03	1.51E-01	2.54E-03	3.15E-03	7.44E-01	1.71E+01	0.00E+00	2.31E-08	3.00E-08	3.48E-03	8.90E-05	2.29E+00	0.00E+00	1.71E+01	4.21E-08	1.71E+01	1.94E+01	2.29E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-01
FWB63S	5.43E-03	2.23E+00	4.18E-01	1.81E+00	0.00E+00	0.00E+00	2.60E+01	2.48E-05	2.39E-03	1.49E-02	0.00E+00	4.40E-02	1.99E-07	5.81E-09	2.70E-01	4.81E-03	1.51E-01	2.54E-03	3.15E-03	7.43E-01	1.71E+01	0.00E+00	2.31E-08	3.00E-08	3.48E-03	8.90E-05	2.29E+00	0.00E+00	1.71E+01	4.21E-08	1.71E+01	1.94E+01	2.29E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-01
FWB64N	6.19E-03	2.75E+00	5.16E-01	2.23E+00	0.00E+00	0.00E+00	3.20E+01	3.05E-05	2.95E-03	1.83E-02	0.00E+00	5.42E-02	2.45E-07	7.17E-09	3.32E-01	5.93E-03	1.85E-01	2.54E-03	3.88E-03	9.15E-01	2.11E+01	0.00E+00	2.85E-08	3.69E-08	4.29E-03	1.10E-04	2.82E+00	0.00E+00	2.11E+01	5.18E-08	2.11E+01	2.39E+01	2.82E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
FWB64N3	6.20E-03	2.76E+00	5.17E-01	2.24E+00	0.00E+00	0.00E+00	3.21E+01	3.06E-05	2.96E-03	1.84E-02	0.00E+00	5.43E-02	2.46E-07	7.19E-09	3.33E-01	5.94E-03	1.86E-01	2.54E-03	3.89E-03	9.18E-01	2.12E+01	0.00E+00	2.86E-08	3.71E-08	4.30E-03	1.10E-04	2.83E+00	0.00E+00	2.12E+01	5.20E-08	2.12E+01	2.40E+01	2.83E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-01
FWB64S	6.19E-03	2.75E+00	5.16E-01	2.24E+00	0.00E+00	0.00E+00	3.21E+01	3.05E-05	2.95E-03	1.84E-02	0.00E+00	5.42E-02	2.45E-07	7.17E-09	3.33E-01	5.93E-03	1.85E-01	2.54E-03	3.88E-03	9.16E-01	2.11E+01	0.00E+00	2.85E-08	3.70E-08	4.29E-03	1.10E-04	2.82E+00	0.00E+00	2.11E+01	5.19E-08	2.11E+01	2.40E+01	2.82E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-01
FWB71D1	2.67E-03	1.19E+00	2.23E-01	9.68E-01	0.00E+00	0.00E+00	1.38E+01	1.32E-05	1.27E-03	7.93E-03	0.00E+00	2.34E-02	1.06E-07	3.09E-09	1.44E-01	2.56E-03	8.10E-02	2.41E-03	1.68E-03	3.97E-01	9.12E+00	0.00E+00	1.23E-08	1.60E-08	1.85E-03	4.74E-05	1.22E+00	0.00E+00	9.12E+00	2.24E-08	9.12E+00	1.03E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-02
FWB71S	2.69E-03	1.20E+00	2.24E-01	9.73E-01	0.00E+00	0.00E+00	1.39E+01	1.33E-05	1.28E-03	7.96E-03	0.00E+00	2.35E-02	1.06E-07	3.11E-09	1.45E-01	2.57E-03	8.15E-02	2.54E-03	1.69E-03	3.99E-01	9.17E+00	0.00E+00	1.24E-08	1.61E-08	1.86E-03	4.77E-05	1.22E+00	0.00E+00	9.17E+00	2.25E-08	9.17E+00	1.04E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-02
FWB72K1	4.20E-03	1.89E+00	3.47E-01	1.54E+00	0.00E+00	0.00E+00	2.16E+01	2.07E-05	1.99E-03	1.24E-02	0.00E+00	3.65E-02	1.65E-07	4.84E-09	2.30E-01	3.98E-03	1.35E-01	1.35E-02	2.69E-03	6.36E-01	1.43E+01	0.00E+00	1.93E-08	2.51E-08	2.90E-03	7.51E-05	1.92E+00	0.00E+00	1.43E+01	3.54E-08	1.43E+01	1.62E+01	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
FWB72K5	4.20E-03	1.89E+00	3.47E-01	1.54E+00	0.00E+00	0.00E+00	2.16E+01	2.07E-05	1.99E-03	1.24E-02	0.00E+00	3.65E-02	1.65E-07	4.84E-09	2.30E-01	3.98E-03	1.35E-01	1.35E-02	2.69E-03	6.36E-01	1.43E+01	0.00E+00	1.93E-08	2.51E-08	2.90E-03	7.51E-05	1.92E+00	0.00E+00	1.43E+01	3.54E-08	1.43E+01	1.62E+01	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01

Installation A5	FWB72M2	4.16E-03	1.85E+00	3.47E-01	1.50E+00	0.00E+00	0.00E+00	2.16E+01	2.05E-05	1.98E-03	1.23E-02	0.00E+00	3.65E-02	1.65E-07	4.82E-09	2.24E-01	3.99E-03	1.25E-01	2.54E-03	2.61E-03	6.17E-01	1.42E+01	0.00E+00	1.92E-08	2.49E-08	2.89E-03	7.38E-05	1.90E+00	0.00E+00	1.42E+01	3.49E-08	1.42E+01	1.61E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
	FWB72N	4.16E-03	1.85E+00	3.47E-01	1.50E+00	0.00E+00	0.00E+00	2.16E+01	2.05E-05	1.98E-03	1.23E-02	0.00E+00	3.64E-02	1.65E-07	4.82E-09	2.24E-01	3.99E-03	1.25E-01	2.54E-03	2.61E-03	6.17E-01	1.42E+01	0.00E+00	1.92E-08	2.49E-08	2.89E-03	7.38E-05	1.90E+00	0.00E+00	1.42E+01	3.49E-08	1.42E+01	1.61E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
	FWB72N3	4.16E-03	1.85E+00	3.47E-01	1.50E+00	0.00E+00	0.00E+00	2.16E+01	2.05E-05	1.98E-03	1.23E-02	0.00E+00	3.64E-02	1.65E-07	4.82E-09	2.24E-01	3.99E-03	1.25E-01	2.54E-03	2.61E-03	6.17E-01	1.42E+01	0.00E+00	1.92E-08	2.49E-08	2.89E-03	7.38E-05	1.90E+00	0.00E+00	1.42E+01	3.49E-08	1.42E+01	1.61E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
	FWB72S	4.16E-03	1.85E+00	3.47E-01	1.51E+00	0.00E+00	0.00E+00	2.16E+01	2.05E-05	1.98E-03	1.23E-02	0.00E+00	3.65E-02	1.65E-07	4.82E-09	2.24E-01	3.99E-03	1.25E-01	2.54E-03	2.61E-03	6.17E-01	1.42E+01	0.00E+00	1.92E-08	2.49E-08	2.89E-03	7.38E-05	1.90E+00	0.00E+00	1.42E+01	3.49E-08	1.42E+01	1.61E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
	FWB73N	5.43E-03	2.41E+00	4.53E-01	1.96E+00	0.00E+00	0.00E+00	2.81E+01	2.68E-05	2.59E-03	1.61E-02	0.00E+00	4.76E-02	2.15E-07	6.29E-09	2.92E-01	5.20E-03	1.63E-01	2.54E-03	3.40E-03	8.04E-01	1.85E+01	0.00E+00	2.50E-08	3.24E-08	3.76E-03	9.62E-05	2.47E+00	0.00E+00	1.85E+01	4.55E-08	1.85E+01	2.10E+01	2.47E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01
	FWB73N3	5.45E-03	2.42E+00	4.54E-01	1.97E+00	0.00E+00	0.00E+00	2.82E+01	2.69E-05	2.60E-03	1.62E-02	0.00E+00	4.77E-02	2.16E-07	6.31E-09	2.93E-01	5.22E-03	1.63E-01	2.54E-03	3.42E-03	8.07E-01	1.86E+01	0.00E+00	2.51E-08	3.25E-08	3.78E-03	9.65E-05	2.48E+00	0.00E+00	1.86E+01	4.57E-08	1.86E+01	2.11E+01	2.48E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-01
	FWB74N	6.71E-03	2.98E+00	5.60E-01	2.42E+00	0.00E+00	0.00E+00	3.48E+01	3.31E-05	3.20E-03	1.99E-02	0.00E+00	5.88E-02	2.66E-07	7.77E-09	3.60E-01	6.43E-03	2.00E-01	2.54E-03	4.20E-03	9.93E-01	2.29E+01	0.00E+00	3.09E-08	4.01E-08	4.65E-03	1.19E-04	3.06E+00	0.00E+00	2.29E+01	5.62E-08	2.29E+01	2.59E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-01
	FWB74N3	6.74E-03	2.99E+00	5.62E-01	2.43E+00	0.00E+00	0.00E+00	3.49E+01	3.32E-05	3.21E-03	2.00E-02	0.00E+00	5.90E-02	2.67E-07	7.81E-09	3.62E-01	6.46E-03	2.01E-01	2.54E-03	4.22E-03	9.97E-01	2.30E+01	0.00E+00	3.11E-08	4.03E-08	4.67E-03	1.19E-04	3.07E+00	0.00E+00	2.30E+01	5.65E-08	2.30E+01	2.61E+01	3.07E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-01
	FWB74S	6.74E-03	2.99E+00	5.62E-01	2.43E+00	0.00E+00	0.00E+00	3.49E+01	3.32E-05	3.21E-03	2.00E-02	0.00E+00	5.90E-02	2.67E-07	7.80E-09	3.62E-01	6.46E-03	2.01E-01	2.54E-03	4.22E-03	9.97E-01	2.30E+01	0.00E+00	3.11E-08	4.02E-08	4.67E-03	1.19E-04	3.07E+00	0.00E+00	2.30E+01	5.64E-08	2.30E+01	2.61E+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	1.15E+00	0.00E+00	0.00E+00	1.64E+01	1.56E-05	1.51E-03	9.41E-03	0.00E+00	2.78E-02	1.26E-07	3.67E-09	1.71E-01	3.04E-03	9.58E-02	2.41E-03	1.99E-03	4.71E-01	1.08E+01	0.00E+00	1.46E-08	1.90E-08	2.20E-03	5.63E-05	1.45E+00	0.00E+00	1.08E+01	2.66E-08	1.08E+01	1.23E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-02
	FWB81S	3.18E-03	1.42E+00	2.65E-01	1.15E+00	0.00E+00	0.00E+00	1.65E+01	1.57E-05	1.52E-03	9.43E-03	0.00E+00	2.78E-02	1.26E-07	3.68E-09	1.71E-01	3.04E-03	9.60E-02	2.41E-03	2.00E-03	4.72E-01	1.09E+01	0.00E+00	1.46E-08	1.90E-08	2.20E-03	5.64E-05	1.45E+00	0.00E+00	1.09E+01	2.67E-08	1.09E+01	1.23E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-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-05	1.15E-03	7.17E-03	0.00E+00	2.12E-02	9.56E-08	2.80E-09	1.31E-01	2.31E-03	7.35E-02	2.41E-03	1.52E-03	3.60E-01	8.25E+00	0.00E+00	1.11E-08	1.45E-08	1.68E-03	4.29E-05	1.10E+00	0.00E+00	8.25E+00	2.03E-08	8.25E+00	9.36E+00	1.10E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-02
	FWQ41P	1.99E-03	8.89E-01	1.66E-01	7.24E-01	0.00E+00	0.00E+00	1.03E+01	9.83E-06	9.49E-04	5.91E-03	0.00E+00	1.74E-02	7.87E-08	2.30E-09	1.08E-01	1.90E-03	6.10E-02	2.54E-03	1.26E-03	2.97E-01	6.80E+00	0.00E+00	9.17E-09	1.19E-08	1.38E-03	3.54E-05	9.08E-01	0.00E+00	6.80E+00	1.67E-08	6.80E+00	7.71E+00	9.08E-01	0.00E+00	0.00E+00	0.00E+00	5.40E-02
	FWQ42P1	2.86E-03	1.27E+00	2.38E-01	1.03E+00	0.00E+00	0.00E+00	1.48E+01	1.41E-05	1.36E-03	8.47E-03	0.00E+00	2.50E-02	1.13E-07	3.31E-09	1.54E-01	2.73E-03	8.64E-02	2.41E-03	1.80E-03	4.24E-01	9.75E+00	0.00E+00	1.32E-08	1.71E-08	1.98E-03	5.07E-05	1.30E+00	0.00E+00	9.75E+00	2.40E-08	9.75E+00	1.11E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-02
	FWQ43P	3.72E-03	1.66E+00	3.10E-01	1.35E+00	0.00E+00	0.00E+00	1.93E+01	1.84E-05	1.77E-03	1.10E-02	0.00E+00	3.26E-02	1.47E-07	4.31E-09	2.00E-01	3.56E-03	1.12E-01	2.54E-03	2.34E-03	5.52E-01	1.27E+01	0.00E+00	1.71E-08	2.22E-08	2.58E-03	6.60E-05	1.70E+00	0.00E+00	1.27E+01	3.12E-08	1.27E+01	1.44E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01
	FWQ44P	4.60E-03	2.04E+00	3.83E-01	1.66E+00	0.00E+00	0.00E+00	2.38E+01	2.27E-05	2.19E-03	1.36E-02	0.00E+00	4.02E-02	1.82E-07	5.32E-09	2.47E-01	4.40E-03	1.38E-01	2.54E-03	2.88E-03	6.81E-01	1.57E+01	0.00E+00	2.12E-08	2.75E-08	3.19E-03	8.15E-05	2.09E+00	0.00E+00	1.57E+01	3.85E-08	1.57E+01	1.78E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-01
	FWQ51P	2.30E-03	1.02E+00	1.91E-01	8.33E-01	0.00E+00	0.00E+00	1.19E+01	1.13E-05	1.09E-03	6.81E-03	0.00E+00	2.01E-02	9.08E-08	2.66E-09	1.24E-01	2.20E-03	7.00E-02	2.54E-03	1.45E-03	3.42E-01	7.84E+00	0.00E+00	1.06E-08	1.37E-08	1.59E-03	4.08E-05	1.05E+00	0.00E+00	7.84E+00	1.93E-08	7.84E+00	8.89E+00	1.05E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-02
	FWQ52P	3.31E-03	1.47E+00	2.75E-01	1.20E+00	0.00E+00	0.00E+00	1.71E+01	1.63E-05	1.58E-03	9.81E-03	0.00E+00	2.89E-02	1.31E-07	3.83E-09	1.78E-01	3.16E-03	9.98E-02	2.54E-03	2.08E-03	4.91E-01	1.13E+01	0.00E+00	1.52E-08	1.98E-08	2.29E-03	5.87E-05	1.51E+00	0.00E+00	1.13E+01	2.77E-08	1.13E+01	1.28E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-02
	FWQ52P1	3.31E-03	1.47E+00	2.75E-01	1.20E+00	0.00E+00	0.00E+00	1.71E+01	1.63E-05	1.58E-03	9.81E-03	0.00E+00	2.89E-02	1.31E-07	3.83E-09	1.78E-01	3.16E-03	9.97E-02	2.41E-03	2.08E-03	4.91E-01	1.13E+01	0.00E+00	1.52E-08	1.98E-08	2.29E-03	5.86E-05	1.51E+00	0.00E+00	1.13E+01	2.77E-08	1.13E+01	1.28E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-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-05	2.05E-03	1.28E-02	0.00E+00	3.77E-02	1.70E-07	4.99E-09	2.32E-01	4.12E-03	1.29E-01	2.54E-03	2.70E-03	6.38E-01	1.47E+01	0.00E+00	1.98E-08	2.57E-08	2.98E-03	7.63E-05	1.96E+00	0.00E+00	1.47E+01	3.61E-08	1.47E+01	1.67E+01	1.96E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-01
	FWQ54P	5.75E-03	2.36E+00	4.43E-01	1.92E+00	0.00E+00	0.00E+00	2.75E+01	2.62E-05	2.53E-03	1.58E-02	0.00E+00	4.65E-02	2.10E-07	6.16E-09	2.86E-01	5.09E-03	1.59E-01	2.54E-03	3.33E-03	7.87E-01	1.81E+01	0.00E+00	2.45E-08	3.17E-08	3.68E-03	9.42E-05	2.42E+00	0.00E+00	1.81E+01	4.45E-08	1.81E+01	2.06E+01	2.42E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01
	FWQ62P	3.75E-03	1.67E+00	3.12E-01	1.35E+00	0.00E+00	0.00E+00	1.94E+01	1.85E-05	1.79E-03	1.11E-02	0.00E+00	3.28E-02	1.48E-07	4.34E-09	2.02E-01	3.59E-03	1.13E-01	2.54E-03	2.35E-03	5.56E-01	1.28E+01	0.00E+00	1.73E-08	2.24E-08	2.60E-03	6.64E-05	1.71E+00	0.00E+00	1.28E+01	3.14E-08	1.28E+01	1.45E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-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-05	2.40E-03	1.50E-02	0.00E+00	4.42E-02	2.00E-07	5.84E-09	2.71E-01	4.83E-03	1.51E-01	2.54E-03	3.16E-03	7.47E-01	1.72E+01	0.00E+00	2.32E-08	3.01E-08	3.50E-03	8.94E-05	2.30E+00	0.00E+00	1.72E+01	4.23E-08	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	2.25E+00	0.00E+00	0.00E+00	3.23E+01	3.07E-05	2.97E-03	1.85E-02	0.00E+00	5.46E-02	2.47E-07	7.22E-09	3.35E-01	5.97E-03	1.86E-01	2.54E-03	3.91E-03	9.22E-01	2.13E+01	0.00E+00	2.87E-08	3.72E-08	4.32E-03	1.10E-04	2.84E+00	0.00E+00	2.13E+01	5.22E-08	2.13E+01	2.41E+01	2.84E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-01
	FWQ74P	6.75E-03	3.00E+00	5.63E-01	2.43E+00	0.00E+00	0.00E+00	3.50E+01	3.33E-05	3.22E-03	2.00E-02	0.00E+00	5.91E-02	2.67E-07	7.82E-09	3.62E-01	6.46E-03	2.02E-01	2.54E-03	4.23E-03	9.98E-01	2.30E+01	0.00E+00	3.11E-08	4.03E-08	4.68E-03	1.19E-04	3.07E+00	0.00E+00	2.30E+01	5.65E-08	2.30E+01	2.61E+01	3.07E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-01
	FWU31L	4.02E-03	1.79E+00	3.35E-01	1.45E+00	0.00E+00	0.00E+00	2.08E+01	1.98E-05	1.92E-03	1.19E-02	0.00E+00	3.52E-02	1.59E-07	4.66E-09	2.16E-01	3.85E-03	1.20E-01	1.53E-03	2.52E-03	5.95E-01	1.37E+01	0.00E+00	1.85E-08	2.40E-08	2.79E-03	7.12E-05	1.83E+00	0.00E+00	1.37E+01	3.37E-08	1.37E+01	1.56E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
	FWU31S	3.72E-03	1.66E+00	3.10E-01	1.35E+00	0.00E+00	0.00E+00	1.93E+01	1.84E-05	1.77E-03	1.10E-02	0.00E+00	3.26E-02	1.47E-07	4.31E-09	2.01E-01	3.56E-03	1.12E-01	2.67E-03	2.34E-03	5.53E-01	1.27E+01	0.00E+00	1.72E-08	2.23E-08	2.58E-03	6.60E-05	1.70E+00	0.00E+00	1.27E+01	3.12E-08	1.27E+01	1.44E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01
	FWU31S1	3.72E-03	1.66E+00	3.10E-01	1.35E+00	0.00E+00	0.00E+00	1.93E+01	1.84E-05	1.77E-03	1.10E-02	0.00E+00	3.26E-02	1.47E-07	4.31E-09	2.00E-01	3.56E-03	1.12E-01	2.67E-03	2.34E-03	5.52E-01	1.27E+01	0.00E+00	1.71E-08	2.22E-08	2.58E-03	6.60E-05	1.70E+00	0.00E+00	1.27E+01	3.12E-08	1.27E+01	1.44E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01
	FWU32L	4.91E-03	2.18E+00	4.10E-01	1.77E+00	0.00E+00	0.00E+00	2.55E+01	2.42E-05	2.34E-03	1.46E-02	0.00E+00	4.30E-02	1.95E-07	5.69E-09	2.64E-01	4.71E-03	1.47E-01	1.53E-03	3.08E-03	7.26E-01	1.68E+01	0.00E+00	2.26E-08	2.93E-08	3.41E-03	8.70E-05	2.24E+00	0.00E+00	1.68E+01	4.12E-08	1.68E+01	1.90E+01	2.24E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
	FWU32M2	4.82E-03	2.14E+00	4.02E-01	1.74E+00	0.00E+00	0.00E+00	2.50E+01	2.38E-05	2.30E-03	1.43E-02	0.00E+00	4.22E-02	1.91E-07	5.58E-09	2.59E-01	4.62E-03	1.45E-01	2.67E-03	3.02E-03	7.14E-01	1.64E+01	0.00E+00	2.22E-08	2.88E-08	3.34E-03	8.54E-05	2.19E+00	0.00E+00	1.64E+01	4.04E-08	1.64E+01	1.86E+01	2.19E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01
	FWU32S	4.82E-03	2.14E+00	4.02E-01	1.74E+00	0.00E+00	0.00E+00	2.50E+01	2.38E-05	2.30E-03	1.43E-02	0.00E+00	4.22E-02	1.91E-07	5.58E-09	2.59E-01	4.62E-03	1.45E-01	2.67E-03	3.02E-03	7.14E-01	1.64E+01	0.00E+00	2.22E-08	2.88E-08	3.34E-03	8.54E-05	2.19E+00	0.00E+00	1.64E+01	4.04E-08	1.64E+01	1.86E+01	2.19E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01
	FWU33S	5.55E-03	2.47E+00	4.63E-01	2.01E+00	0.00E+00	0.00E+00	2.88E+01	2.74E-05	2.65E-03	1.65E-02	0.00E+00	4.86E-02	2.20E-07	6.43E-09	2.98E-01	5.32E-03	1.66E-01	2.67E-03	3.48E-03	8.22E-01	1.89E+01	0.00E+00	2.56E-08	3.32E-08	3.85E-03	9.84E-05	2.53E+00	0.00E+00	1.89E+01	4.65E-08	1.89E+01	2.15E+01	2.53E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-01
	FWU41L	4.72E-03	2.09E+00	3.93E-01	1.70E+00	0.00E+00	0.00E+00	2.44E+01	2.33E-05	2.25E-03	1.40E-02	0.00E+00	4.13E-02	1.87E-07	5.46E-09	2.53E-01	4.52E-03	1.41E-01	1.53E-03	2.95E-03	6.97E-01	1.61E+01	0.00E+00	2.17E-08	2.82E-08	3.27E-03	8.35E-05	2.15E+00	0.00E+00	1.61E+01	3.95E-08	1.61E+01	1.82E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-01
	FWU41S	4.14E-03	1.84E+00	3.45E-01	1.50E+00	0.00E+00	0.00E+00	2.14E+01	2.04E-05	1.97E-03	1.23E-02	0.00E+00	3.62E-02	1.64E-07	4.79E-09	2.23E-01	3.96E-03	1.24E-01	2.67E-03	2.60E-03	6.13E-01	1.41E+01	0.00E+00	1.91E-08	2.47E-08	2.87E-03	7.33E-05	1.88E+00	0.00E+00	1.41E+01	3.47E-08	1.41E+01	1.60E+01	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01
	FWU41S1	4.14E-03	1.84E+00	3.45E-01	1.50E+00	0.00E+00	0.00E+00	2.14E+01	2.04E-05	1.97E-03	1.23E-02	0.00E+00	3.62E-02	1.64E-07	4.79E-09	2.23E-01	3.96E-03	1.24E-01	2.67E-03	2.60E-03	6.13E-01	1.41E+01	0.00E+00	1.91E-08	2.47E-08	2.87E-03	7.33E-05	1.88E+00	0.00E+00	1.41E+01	3.47E-08	1.41E+01	1.60E+01	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01
	FWU42K	5.38E-03	2.41E+00	4.46E-01	1.96E+00	0.00E+00	0.00E+00	2.77E+01	2.66E-05	2.55E-03	1.59E-02	0.00E+00	4.69E-02	2.12E-07	6.21E-09	2.93E-01	5.12E-03	1.69E-01	1.23E-02	3.42E-03	8.09E-01	1.84E+01	0.00E+00	2.47E-08	3.22E-08	3.72E-03	9.59E-05	2.45E+00	0.00E+00	1.84E+01	4.53E-08	1.84E+01	2.08E+01	2.45E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-01
	FWU42K1	5.38E-03	2.41E+00	4.46E-01	1.96E+00	0.00E+00	0.00E+00	2.77E+01	2.66E-05	2.55E-03	1.59E-02	0.00E+00	4.69E-02	2.12E-07	6.21E-09	2.93E-01	5.12E-03	1.69E-01	1.23E-02	3.42E-03	8.09E-01	1.84E+01	0.00E+00	2.47E-08	3.22E-08	3.72E-03	9.59E-05	2.45E+00	0.00E+00	1.84E+01	4.53E-08	1.84E+01	2.08E+01	2.45E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-01
	FWU42K2	5.38E-03	2.41E+00	4.46E-01	1.96E+00	0.00E+00	0.00E+00	2.77E+01	2.66E-05	2.55E-03	1.59E-02	0.00E+00	4.69E-02	2.12E-07	6.21E-09	2.93E-01	5.12E-03	1.69E-01	1.23E-02	3.42E-03	8.09E-01	1.84E+01	0.00E+00	2.47E-08	3.22E-08	3.72E-03	9.59E-05	2.45E+00	0.00E+00	1.84E+01	4.53E-08	1.84E+01	2.08E+01	2.45E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-01
	FWU42K3	5.39E-03	2.42E+00	4.45E-01	1.98E+00	0.00E+00	0.00E+00	2.77E+01	2.66E-05	2.56E-03	1.60E-02	0.00E+00	4.69E-02	2.12E-07	6.21E-09	2.95E-01	5.12E-03	1.72E-01	1.60E-02	3.45E-03	8.15E-01	1.84E+01	0.00E+00	2.47E-08	3.22E-08	3.73E-03	9.63E-05	2.46E+00	0.00E+00	1.84E+01	4.55E-08	1.84E+01	2.09E+01	2.46E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-01
	FWU42L	5.74E-03	2.55E+00	4.79E-01	2.07E+00	0.00E+00	0.00E+00	2.97E+01	2.83E-05	2.74E-03	1.70E-02	0.00E+00	5.03E-02	2.28E-07	6.65E-09	3.08E-01	5.50E-03	1.71E-01	1.53E-03	3.59E-03	8.49E-01	1.96E+01	0.00E+00	2.65E-08	3.43E-08	3.98E-03	1.02E-04	2.61E+00	0.00E+00	1.96E+01	4.81E-08	1.96E+01	2.22E+01	2.61E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-01
	FWU42M2	5.35E-03	2.38E+00	4.46E-01	1.93E+00	0.00E+00	0.00E+00	2.77E+01	2.64E-05	2.55E-03	1.59E-02	0.00E+00	4.68E-02	2.12E-07	6.19E-09	2.88E-01	5.12E-03	1.60E-01	2.67E-03	3.35E-03	7.92E-01	1.83E+01	0.00E+00	2.46E-08	3.19E-08	3.71E-03	9.48E-05	2.44E+00	0.00E+00	1.83E+01	4.48E-08	1.83E+01	2.07E+01	2.44E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-01
	FWU42S1	5.35E-03	2.38E+00	4.46E-01	1.93E+00	0.00E+00	0.00E+00	2.77E+01	2.64E-05	2.55E-03	1.59E-02	0.00E+00	4.68E-02	2.12E-07	6.19E-09	2.87E-01	5.12E-03	1.60E-01	2.67E-03	3.35E-03	7.92E-01	1.82E+01	0.00E+00	2.46E-08	3.19E-08	3.71E-03	9.47E-05	2.43E+00	0.00E+00	1.82E+01	4.48E-08	1.82E+01	2.07E+01	2.43E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-01
	FWU43K	6.16E-03	2.76E+00	5.11E-01	2.25E+00	0.00E+00	0.00E+00	3.17E+01	3.04E-05	2.93E-03	1.82E-02	0.00E+00	5.37E-02	2.43E-07	7.11E-09	3.35E-01	5.87E-03	1.92E-01	1.23E-02	3.91E-03	9.24E-01	2.10E+01	0.00E+00	2.83E-08	3.68E-08	4.26E-03	1.10E-04	2.81E+00	0.00E+00	2.10E+01	5.18E-08	2.10E+01	2.38E+01	2.81E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-01
	FWU43S	6.12E-03	2.72E+00	5.11E-01	2.21E+00	0.00E+00	0.00E+00	3.17E+01	3.02E-05	2.92E-03	1.82E-02	0.00E+00	5.36E-02	2.43E-07	7.09E-09	3.29E-01	5.87E-03	1.83E-01	2.67E-03	3.84E-03	9.07E-01	2.09E+01	0.00E+00	2.82E-08	3.66E-08	4.25E-03	1.09E-04	2.79E+00	0.00E+00	2.09E+01	5.13E-08	2.09E+01	2.37E+01	2.79E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-01
	FWU51L	5.34E-03	2.37E+00	4.46E-01	1.93E+00	0.00E+00	0.00E+00	2.77E+01	2.63E-05	2.55E-03	1.58E-02	0.00E+00	4.68E-02	2.12E-07	6.19E-09	2.87E-01	5.12E-03	1.59E-01	1.53E-03	3.34E-03	7.90E-01	1.82E+01	0.00E+00	2.46E-08	3.19E-08	3.70E-03	9.46E-05	2.43E+00	0.00E+00	1.82E+01	4.47E-08	1.82E+01	2.07E+01	2.43E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-01
	FWU51S	5.25E-03	2.33E+00	4.38E-01	1.90E+00	0.00E+00	0.00E+00	2.72E+01	2.59E-05	2.50E-03	1.56E-02	0.00E+00	4.60E-02	2.08E-07	6.08E-09	2.82E-01	5.03E-03	1.57E-01	2.67E-03	3.29E-03	7.78E-01	1.79E+01	0.00E+00	2.42E-08	3.14E-08	3.64E-03	9.31E-05	2.39E+00	0.00E+00	1.79E+01	4.40E-08	1.79E+01	2.03E+01	2.39E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01
	FWU51S1	5.25E-03	2.33E+00	4.38E-01	1.90E+00	0.00E+00	0.00E+00	2.72E+01	2.59E-05	2.50E-03	1.56E-02	0.00E+00	4.60E-02	2.08E-07	6.08E-09	2.82E-01	5.03E-03	1.57E-01	2.67E-03	3.29E-03	7.78E-01	1.79E+01	0.00E+00	2.42E-08	3.14E-08	3.64E-03	9.31E-05	2.39E+00	0.00E+00	1.79E+01	4.40E-08	1.79E+01	2.03E+01	2.39E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01
	FWU52K	6.93E-03	3.10E+00	5.75E-01	2.52E+00	0.00E+00	0.00E+00	3.58E+01	3.42E-05	3.30E-03	2.05E-02	0.00E+00	6.05E-02	2.73E-07	8.01E-09	3.76E-01	6.61E-03	2.15E-01	1.23E-02	4.39E-03	1.04E+00	2.37E+01	0.00E+00	3.19E-08	4.14E-08	4.80E-03	1.23E-04	3.16E+00	0.00E+00	2.37E+01	5.83E-08	2.37E+01	2.68E+01	3.16E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-01
	FWU52K1	6.94E-03	3.10E+00	5.76E-01	2.53E+00	0.00E+00	0.00E+00	3.58E+01	3.43E-05	3.30E-03	2.06E-02	0.00E+00	6.06E-02	2.74E-07	8.02E-09	3.77E-01	6.62E-03	2.15E-01	1.23E-02	4.40E-03	1.04E+00	2.37E+01	0.00E+00	3.19E-08	4.15E-08	4.81E-03	1.24E-04	3.17E+00	0.00E+00	2.37E+01	5.84E-08	2.37E+01	2.69E+01	3.17E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01
	FWU52K2	6.94E-03	3.10E+00	5.76E-01	2.53E+00	0.00E+00	0.00E+00	3.58E+01	3.43E-05	3.30E-03	2.06E-02	0.00E+00	6.06E-02	2.74E-07	8.02E-09	3.77E-01	6.62E-03	2.15E-01	1.23E-02	4.40E-03	1.04E+00	2.37E+01	0.00E+00	3.19E-08	4.15E-08	4.81E-03	1.24E-04	3.17E+00	0.00E+00	2.37E+01	5.84E-08	2.37E+01	2.69E+01	3.17E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01
	FWU52K3	6.95E-03	3.11E+00	5.75E-01	2.54E+00	0.00E+00	0.00E+00	3.58E+01	3.43E-05	3.30E-03	2.06E-02	0.00E+00	6.05E-02	2.73E-07	8.01E-09	3.79E-01	6.61E-03	2.19E-01	1.65E-02	4.42E-03	1.05E+00	2.37E+01	0.00E+00	3.19E-08	4.15E-08	4.81E-03	1.24E-04	3.17E+00	0.00E+00	2.37E+01	5.85E-08	2.37E+01	2.69E+01	3.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-01
	FWU52L	6.57E-03	2.92E+00	5.48E-01	2.37E+00	0.00E+00	0.00E+00	3.40E+01	3.24E-05	3.13E-03	1.95E-02	0.00E+00	5.75E-02	2.60E-07	7.61E-09	3.52E-01	6.29E-03	1.95E-01	1.53E-03	4.11E-03	9.70E-01	2.24E+01	0.00E+00	3.03E-08	3.92E-08	4.55E-03	1.16E-04	2.99E+00	0.00E+00	2.24E+01	5.50E-08	2.24E+01	2.54E+01	2.99E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01
	FWU52M2	6.90E-03	3.07E+00	5.76E-01	2.49E+00	0.00E+00	0.00E+00	3.58E+01	3.40E-05	3.29E-03	2.05E-02	0.00E+00	6.05E-02	2.73E-07	8.00E-09	3.71E-01	6.61E-03	2.06E-01	2.67E-03	4.32E-03	1.02E+00	2.36E+01	0.00E+00	3.18E-08	4.12E-08	4.79E-03	1.22E-04	3.14E+00	0.00E+00	2.36E+01	5.78E-08	2.36E+01	2.67E+01	3.14E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	FWU52S	6.90E-03	3.07E+00	5.76E-01	2.49E+00	0.00E+00	0.00E+00	3.57E+01	3.40E-05	3.29E-03	2.05E-02	0.00E+00	6.05E-02	2.73E-07	7.99E-09	3.71E-01	6.61E-03	2.06E-01	2.67E-03	4.32E-03	1.02E+00	2.35E+01	0.00E+00	3.18E-08	4.12E-08	4.78E-03	1.22E-04	3.14E+00	0.00E+00	2.35E+01	5.78E-08	2.35E+01	2.67E+01	3.14E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	FWU52S1	6.90E-03	3.07E+00	5.76E-01	2.49E+00	0.00E+00	0.00E+00	3.57E+01	3.40E-05	3.29E-03	2.05E-02	0.00E+00	6.05E-02	2.73E-07	7.99E-09	3.71E-01	6.61E-03	2.06E-01	2.67E-03	4.32E-03	1.02E+00	2.35E+01	0.00E+00	3.18E-08	4.12E-08	4.78E-03	1.22E-04	3.14E+00	0.00E+00	2.35E+01	5.78E-08	2.35E+01	2.67E+01	3.14E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	FWU53D	7.93E-03	3.52E+00	6.61E-01	2.86E+00	0.00E+00	0.00E+00	4.11E+01	3.91E-05	3.78E-03	2.35E-02	0.00E+00	6.94E-02	3.14E-07	9.18E-09	4.26E-01	7.60E-03	2.37E-01	2.67E-03	4.96E-03	1.17E+00	2.70E+01	0.00E+00	3.65E-08	4.73E-08	5.50E-03	1.40E-04	3.61E+00	0.00E+00	2.70E+01	6.64E-08	2.70E+01	3.07E+01	3.61E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01
	FWU53K	7.97E-03	3.56E+00	6.62E-01	2.90E+00	0.00E+00	0.00E+00	4.11E+01	3.93E-05	3.79E-03	2.36E-02	0.00E+00	6.96E-02	3.14E-07	9.21E-09	4.32E-01	7.60E-03	2.46E-01	1.23E-02	5.04E-03	1.19E+00	2.72E+01	0.00E+00	3.67E-08	4.76E-08	5.52E-03	1.42E-04	3.63E+00	0.00E+00	2.72E+01	6.70E-08	2.72E+01	3.08E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-01
	FWU53L	7.44E-03	3.31E+00	6.21E-01	2.68E+00	0.00E+00	0.00E+00	3.86E+01	3.67E-05	3.55E-03	2.21E-02	0.00E+00	6.52E-02	2.95E-07	8.63E-09	3.99E-01	7.14E-03	2.21E-01	1.53E-03	4.66E-03	1.10E+00	2.54E+01	0.00E+00	3.43E-08	4.45E-08	5.16E-03	1.32E-04	3.39E+00	0.00E+00	2.54E+01	6.23E-08	2.54E+01	2.88E+01	3.39E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-01
	FWU61L	5.97E-03	2.65E+00	4.99E-01	2.15E+00	0.00E+00	0.00E+00	3.10E+01	2.95E-05	2.85E-03	1.77E-02	0.00E+00	5.24E-02	2.37E-07	6.92E-09	3.21E-01	5.73E-03	1.78E-01	1.53E-03	3.74E-03	8.83E-01	2.04E+01	0.00E+00	2.75E-08	3.57E-08	4.14E-03	1.06E-04	2.72E+00	0.00E+00	2.04E+01	5.00E-08	2.04E+01	2.31E+01	2.72E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-01
	FWU61S	5.63E-03	2.50E+00	4.70E-01	2.03E+00	0.00E+00	0.00E+00	2.92E+01	2.78E-05	2.69E-03	1.67E-02	0.00E+00	4.93E-02	2.23E-07	6.52E-09	3.03E-01	5.39E-03	1.69E-01	2.67E-03	3.53E-03	8.34E-01	1.92E+01	0.00E+00	2.60E-08	3.36E-08	3.90E-03	9.98E-05	2.56E+00	0.00E+00	1.92E+01	4.72E-08	1.92E+01	2.18E+01	2.56E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-01
	FWU62K	6.63E-03	2.97E+00	5.50E-01	2.42E+00	0.00E+00	0.00E+00	3.42E+01	3.27E-05	3.15E-03	1.96E-02	0.00E+00	5.78E-02	2.61E-07	7.66E-09	3.61E-01	6.32E-03	2.07E-01	1.37E-02	4.21E-03	9.95E-01	2.26E+01	0.00E+00	3.05E-08	3.97E-08	4.59E-03	1.18E-04	3.02E+00	0.00E+00	2.26E+01	5.58E-08	2.26E+01	2.57E+01	3.02E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-01
	FWU62K1	6.63E-03	2.97E+00	5.50E-01	2.42E+00	0.00E+00	0.00E+00	3.42E+01	3.27E-05	3.15E-03	1.96E-02	0.00E+00	5.78E-02	2.61E-07	7.66E-09	3.61E-01	6.32E-03	2.07E-01	1.37E-02	4.21E-03	9.95E-01	2.26E+01	0.00E+00	3.05E-08	3.97E-08	4.59E-03	1.18E-04	3.02E+00	0.00E+00	2.26E+01	5.58E-08	2.26E+01	2.57E+01	3.02E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-01
	FWU62K2	6.63E-03	2.97E+00	5.50E-01	2.42E+00	0.00E+00	0.00E+00	3.42E+01	3.27E-05	3.15E-03	1.96E-02	0.00E+00	5.78E-02	2.61E-07	7.66E-09	3.61E-01	6.32E-03	2.07E-01	1.37E-02	4.21E-03	9.95E-01	2.26E+01	0.00E+00	3.05E-08	3.97E-08	4.59E-03	1.18E-04	3.02E+00	0.00E+00	2.26E+01	5.58E-08	2.26E+01	2.57E+01	3.02E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-01
	FWU62L	6.42E-03	2.85E+00	5.36E-01	2.31E+00	0.00E+00	0.00E+00	3.33E+01	3.17E-05	3.06E-03	1.90E-02	0.00E+00	5.63E-02	2.54E-07	7.44E-09	3.44E-01	6.15E-03	1.91E-01	1.53E-03	4.02E-03	9.49E-01	2.19E+01	0.00E+00	2.96E-08	3.83E-08	4.45E-03	1.14E-04	2.92E+00	0.00E+00	2.19E+01	5.38E-08	2.19E+01	2.48E+01	2.92E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-01
	FWU62M2	6.58E-03	2.92E+00	5.49E-01	2.38E+00	0.00E+00	0.00E+00	3.41E+01	3.25E-05	3.14E-03	1.95E-02	0.00E+00	5.76E-02	2.61E-07	7.62E-09	3.54E-01	6.30E-03	1.97E-01	2.67E-03	4.12E-03	9.74E-01	2.25E+01	0.00E+00	3.03E-08	3.93E-08	4.56E-03	1.17E-04	3.00E+00	0.00E+00	2.25E+01	5.51E-08	2.25E+01	2.55E+01	3.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-01
	FWU62M3	8.04E-03	3.59E+00	6.68E-01	2.92E+00	0.00E+00	0.00E+00	4.15E+01	3.97E-05	3.82E-03	2.38E-02	0.00E+00	7.02E-02	3.17E-07	9.29E-09	4.35E-01	7.67E-03	2.47E-01	1.21E-02	5.08E-03	1.20E+00	2.74E+01	0.00E+00	3.70E-08	4.80E-08	5.57E-03	1.43E-04	3.66E+00	0.00E+00	2.74E+01	6.75E-08	2.74E+01	3.11E+01	3.66E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-01
	FWU62N	6.58E-03	2.92E+00	5.48E-01	2.37E+00	0.00E+00	0.00E+00	3.41E+01	3.24E-05	3.14E-03	1.95E-02	0.00E+00	5.76E-02	2.61E-07	7.62E-09	3.53E-01	6.30E-03	1.97E-01	2.67E-03	4.12E-03	9.73E-01	2.24E+01	0.00E+00	3.03E-08	3.93E-08	4.56E-03	1.17E-04	2.99E+00	0.00E+00	2.24E+01	5.51E-08	2.24E+01	2.54E+01	2.99E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-01
	FWU62S	6.58E-03	2.92E+00	5.49E-01	2.37E+00	0.00E+00	0.00E+00	3.41E+01	3.24E-05	3.14E-03	1.95E-02	0.00E+00	5.76E-02	2.61E-07	7.62E-09	3.53E-01	6.30E-03	1.97E-01	2.67E-03	4.12E-03	9.74E-01	2.24E+01	0.00E+00	3.03E-08	3.93E-08	4.56E-03	1.17E-04	3.00E+00	0.00E+00	2.24E+01	5.51E-08	2.24E+01	2.54E+01	3.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-01
	FWU62S1	6.57E-03	2.92E+00	5.48E-01	2.37E+00	0.00E+00	0.00E+00	3.40E+01	3.24E-05	3.13E-03	1.95E-02	0.00E+00	5.76E-02	2.60E-07	7.61E-09	3.53E-01	6.30E-03	1.97E-01	2.67E-03	4.12E-03	9.73E-01	2.24E+01	0.00E+00	3.03E-08	3.93E-08	4.56E-03	1.16E-04	2.99E+00	0.00E+00	2.24E+01	5.51E-08	2.24E+01	2.54E+01	2.99E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-01
	FWU63N	8.46E-03	3.76E+00	7.06E-01	3.05E+00	0.00E+00	0.00E+00	4.38E+01	4.17E-05	4.03E-03	2.51E-02	0.00E+00	7.41E-02	3.35E-07	9.80E-09	4.54E-01	8.11E-03	2.52E-01	2.67E-03	5.30E-03	1.25E+00	2.89E+01	0.00E+00	3.90E-08	5.05E-08	5.86E-03	1.50E-04	3.85E+00	0.00E+00	2.89E+01	7.09E-08	2.89E+01	3.27E+01	3.85E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-01
	FWU63S	8.47E-03	3.76E+00	7.07E-01	3.06E+00	0.00E+00	0.00E+00	4.39E+01	4.18E-05	4.04E-03	2.51E-02	0.00E+00	7.42E-02	3.36E-07	9.82E-09	4.55E-01	8.12E-03	2.53E-01	2.67E-03	5.31E-03	1.25E+00	2.89E+01	0.00E+00	3.91E-08	5.06E-08	5.87E-03	1.50E-04	3.86E+00	0.00E+00	2.89E+01	7.10E-08	2.89E+01	3.28E+01	3.86E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-01
	FWU63S1	8.47E-03	3.76E+00	7.07E-01	3.06E+00	0.00E+00	0.00E+00	4.39E+01	4.18E-05	4.04E-03	2.51E-02	0.00E+00	7.42E-02	3.36E-07	9.82E-09	4.55E-01	8.12E-03	2.53E-01	2.67E-03	5.31E-03	1.25E+00	2.89E+01	0.00E+00	3.91E-08	5.06E-08	5.87E-03	1.50E-04	3.86E+00	0.00E+00	2.89E+01	7.10E-08	2.89E+01	3.28E+01	3.86E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-01
	FWU71L	1.10E-02	4.89E+00	9.19E-01	3.97E+00	0.00E+00	0.00E+00	5.71E+01	5.43E-05	5.25E-03	3.27E-02	0.00E+00	9.65E-02	4.37E-07	1.28E-08	5.90E-01	1.06E-02	3.27E-01	1.53E-03	6.88E-03	1.63E+00	3.76E+01	0.00E+00	5.08E-08	6.58E-08	7.64E-03	1.95E-04	5.01E+00	0.00E+00	3.76E+01	9.22E-08	3.76E+01	4.26E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-01
	FWU71S	6.01E-03	2.67E+00	5.01E-01	2.17E+00	0.00E+00	0.00E+00	3.11E+01	2.96E-05	2.87E-03	1.78E-02	0.00E+00	5.27E-02	2.38E-07	6.96E-09	3.23E-01	5.76E-03	1.80E-01	2.67E-03	3.77E-03	8.90E-01	2.05E+01	0.00E+00	2.77E-08	3.59E-08	4.17E-03	1.07E-04	2.74E+00	0.00E+00	2.05E+01	5.04E-08	2.05E+01	2.33E+01	2.74E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-01
	FWU71S1	6.01E-03	2.67E+00	5.01E-01	2.17E+00	0.00E+00	0.00E+00	3.11E+01	2.96E-05	2.86E-03	1.78E-02	0.00E+00	5.26E-02	2.38E-07	6.96E-09	3.23E-01	5.75E-03	1.80E-01	2.67E-03	3.77E-03	8.89E-01	2.05E+01	0.00E+00	2.77E-08	3.59E-08	4.16E-03	1.06E-04	2.74E+00	0.00E+00	2.05E+01	5.03E-08	2.05E+01	2.32E+01	2.74E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-01
	FWU72K1	7.05E-03	3.15E+00	5.84E-01	2.57E+00	0.00E+00	0.00E+00	3.63E+01	3.48E-05	3.35E-03	2.09E-02	0.00E+00	6.15E-02	2.78E-07	8.14E-09	3.83E-01	6.71E-03	2.19E-01	1.37E-02	4.47E-03	1.06E+00	2.40E+01	0.00E+00	3.24E-08	4.21E-08	4.88E-03	1.25E-04	3.21E+00	0.00E+00	2.40E+01	5.93E-08	2.40E+01	2.73E+01	3.21E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01
	FWU72L	7.27E-03	3.23E+00	6.07E-01	2.62E+00	0.00E+00	0.00E+00	3.77E+01	3.59E-05	3.47E-03	2.16E-02	0.00E+00	6.38E-02	2.88E-07	8.43E-09	3.90E-01	6.97E-03	2.16E-01	1.53E-03	4.55E-03	1.07E+00	2.48E+01	0.00E+00	3.35E-08	4.34E-08	5.04E-03	1.29E-04	3.31E+00	0.00E+00	2.48E+01	6.09E-08	2.48E+01	2.81E+01	3.31E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01
	FWU72M2	7.00E-03	3.11E+00	5.84E-01	2.53E+00	0.00E+00	0.00E+00	3.63E+01	3.45E-05	3.34E-03	2.08E-02	0.00E+00	6.14E-02	2.78E-07	8.11E-09	3.76E-01	6.71E-03	2.09E-01	2.67E-03	4.39E-03	1.04E+00	2.39E+01	0.00E+00	3.23E-08	4.18E-08	4.86E-03	1.24E-04	3.19E+00	0.00E+00	2.39E+01	5.87E-08	2.39E+01	2.71E+01	3.19E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-01
	FWU72N	5.24E-03	2.33E+00	4.37E-01	1.89E+00	0.00E+00	0.00E+00	2.71E+01	2.58E-05	2.50E-03	1.55E-02	0.00E+00	4.59E-02	2.08E-07	6.07E-09	2.82E-01	5.02E-03	1.57E-01	2.67E-03	3.29E-03	7.76E-01	1.79E+01	0.00E+00	2.41E-08	3.13E-08	3.63E-03	9.29E-05	2.39E+00	0.00E+00	1.79E+01	4.39E-08	1.79E+01	2.03E+01	2.39E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01
	FWU72S	7.01E-03	3.11E+00	5.84E-01	2.53E+00	0.00E+00	0.00E+00	3.63E+01	3.45E-05	3.34E-03	2.08E-02	0.00E+00	6.14E-02	2.78E-07	8.11E-09	3.76E-01	6.71E-03	2.09E-01	2.67E-03	4.39E-03	1.04E+00	2.39E+01	0.00E+00	3.23E-08	4.18E-08	4.86E-03	1.24E-04	3.19E+00	0.00E+00	2.39E+01	5.87E-08	2.39E+01	2.71E+01	3.19E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-01
	FWU73D	8.99E-03	3.99E+00	7.50E-01	3.24E+00	0.00E+00	0.00E+00	4.66E+01	4.43E-05	4.29E-03	2.67E-02	0.00E+00	7.88E-02	3.56E-07	1.04E-08	4.82E-01	8.61E-03	2.68E-01	2.67E-03	5.63E-03	1.33E+00	3.07E+01	0.00E+00	4.14E-08	5.37E-08	6.23E-03	1.59E-04	4.09E+00	0.00E+00	3.07E+01	7.53E-08	3.07E+01	3.48E+01	4.09E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-01
	FWU73L	9.25E-03	4.10E+00	7.72E-01	3.33E+00	0.00E+00	0.00E+00	4.79E+01	4.56E-05	4.41E-03	2.74E-02	0.00E+00	8.10E-02	3.67E-07	1.07E-08	4.96E-01	8.87E-03	2.75E-01	1.53E-03	5.78E-03	1.37E+00	3.16E+01	0.00E+00	4.26E-08	5.52E-08	6.41E-03	1.64E-04	4.21E+00	0.00E+00	3.16E+01	7.74E-08	3.16E+01	3.58E+01	4.21E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-01

FWU73N	8.99E-03	3.99E+00	7.50E-01	3.24E+00	0.00E+00	0.00E+00	4.66E+01	4.43E-05	4.29E-03	2.67E-02	0.00E+00	7.88E-02	3.56E-07	1.04E-08	4.83E-01	8.62E-03	2.68E-01	2.67E-03	5.63E-03	1.33E+00	3.07E+01	0.00E+00	4.14E-08	5.37E-08	6.23E-03	1.59E-04	4.09E+00	0.00E+00	3.07E+01	7.53E-08	3.07E+01	3.48E+01	4.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-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-05	4.30E-03	2.68E-02	0.00E+00	7.90E-02	3.57E-07	1.04E-08	4.84E-01	8.64E-03	2.69E-01	2.67E-03	5.65E-03	1.33E+00	3.08E+01	0.00E+00	4.16E-08	5.39E-08	6.25E-03	1.60E-04	4.11E+00	0.00E+00	3.08E+01	7.55E-08	3.08E+01	3.49E+01	4.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-01
FWU73S1	9.02E-03	4.01E+00	7.52E-01	3.25E+00	0.00E+00	0.00E+00	4.67E+01	4.45E-05	4.30E-03	2.68E-02	0.00E+00	7.90E-02	3.57E-07	1.04E-08	4.84E-01	8.64E-03	2.69E-01	2.67E-03	5.65E-03	1.33E+00	3.08E+01	0.00E+00	4.16E-08	5.39E-08	6.25E-03	1.60E-04	4.11E+00	0.00E+00	3.08E+01	7.55E-08	3.08E+01	3.49E+01	4.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-01
FZ005N	2.60E-03	1.15E+00	2.17E-01	9.36E-01	0.00E+00	0.00E+00	1.35E+01	1.28E-05	1.24E-03	7.72E-03	0.00E+00	2.28E-02	1.03E-07	3.01E-09	1.39E-01	2.49E-03	7.69E-02	0.00E+00	1.62E-03	3.83E-01	8.87E+00	0.00E+00	1.20E-08	1.55E-08	1.80E-03	4.60E-05	1.18E+00	0.00E+00	8.87E+00	2.18E-08	8.87E+00	1.01E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-02
FZ006N	2.39E-03	1.06E+00	2.00E-01	8.61E-01	0.00E+00	0.00E+00	1.24E+01	1.18E-05	1.14E-03	7.10E-03	0.00E+00	2.10E-02	9.49E-08	2.77E-09	1.28E-01	2.29E-03	7.07E-02	0.00E+00	1.49E-03	3.53E-01	8.16E+00	0.00E+00	1.10E-08	1.43E-08	1.66E-03	4.23E-05	1.09E+00	0.00E+00	8.16E+00	2.00E-08	8.16E+00	9.25E+00	1.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-02
FZ010N	3.68E-03	1.63E+00	3.08E-01	1.33E+00	0.00E+00	0.00E+00	1.91E+01	1.82E-05	1.76E-03	1.09E-02	0.00E+00	3.23E-02	1.46E-07	4.27E-09	1.97E-01	3.53E-03	1.09E-01	0.00E+00	2.30E-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-08	1.26E+01	1.42E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-02
FZ011N	2.60E-03	1.15E+00	2.17E-01	9.36E-01	0.00E+00	0.00E+00	1.35E+01	1.28E-05	1.24E-03	7.72E-03	0.00E+00	2.28E-02	1.03E-07	3.01E-09	1.39E-01	2.49E-03	7.69E-02	0.00E+00	1.62E-03	3.83E-01	8.87E+00	0.00E+00	1.20E-08	1.55E-08	1.80E-03	4.60E-05	1.18E+00	0.00E+00	8.87E+00	2.18E-08	8.87E+00	1.01E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-02
FZ014N	3.68E-03	1.63E+00	3.08E-01	1.33E+00	0.00E+00	0.00E+00	1.91E+01	1.82E-05	1.76E-03	1.09E-02	0.00E+00	3.23E-02	1.46E-07	4.27E-09	1.97E-01	3.53E-03	1.09E-01	0.00E+00	2.30E-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-08	1.26E+01	1.42E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-02
FZ021N	2.60E-03	1.15E+00	2.17E-01	9.36E-01	0.00E+00	0.00E+00	1.35E+01	1.28E-05	1.24E-03	7.72E-03	0.00E+00	2.28E-02	1.03E-07	3.01E-09	1.39E-01	2.49E-03	7.69E-02	0.00E+00	1.62E-03	3.83E-01	8.87E+00	0.00E+00	1.20E-08	1.55E-08	1.80E-03	4.60E-05	1.18E+00	0.00E+00	8.87E+00	2.18E-08	8.87E+00	1.01E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-02
FZ026N	2.60E-03	1.15E+00	2.17E-01	9.36E-01	0.00E+00	0.00E+00	1.35E+01	1.28E-05	1.24E-03	7.72E-03	0.00E+00	2.28E-02	1.03E-07	3.01E-09	1.39E-01	2.49E-03	7.69E-02	0.00E+00	1.62E-03	3.83E-01	8.87E+00	0.00E+00	1.20E-08	1.55E-08	1.80E-03	4.60E-05	1.18E+00	0.00E+00	8.87E+00	2.18E-08	8.87E+00	1.01E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-02
FZ402	1.04E-04	4.63E-02	8.73E-03	3.76E-02	0.00E+00	0.00E+00	5.42E-01	5.15E-07	4.99E-05	3.10E-04	0.00E+00	9.16E-04	4.15E-09	1.21E-10	5.60E-03	1.00E-04	3.09E-03	0.00E+00	6.53E-05	1.54E-02	3.57E-01	0.00E+00	4.82E-10	6.24E-10	7.25E-05	1.85E-06	4.76E-02	0.00E+00	3.57E-01	8.75E-10	3.57E-01	4.04E-01	4.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
FZ403	1.06E-04	4.70E-02	8.84E-03	3.81E-02	0.00E+00	0.00E+00	5.49E-01	5.22E-07	5.05E-05	3.14E-04	0.00E+00	9.28E-04	4.20E-09	1.23E-10	5.67E-03	1.02E-04	3.14E-03	1.35E-05	6.62E-05	1.56E-02	3.61E-01	0.00E+00	4.88E-10	6.32E-10	7.34E-05	1.87E-06	4.82E-02	0.00E+00	3.61E-01	8.86E-10	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-05	2.28E-03	1.42E-02	0.00E+00	4.19E-02	1.90E-07	5.54E-09	2.56E-01	4.58E-03	1.42E-01	8.20E-04	2.99E-03	7.06E-01	1.63E+01	0.00E+00	2.20E-08	2.86E-08	3.32E-03	8.46E-05	2.18E+00	0.00E+00	1.63E+01	4.00E-08	1.63E+01	1.85E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-01
HK1000AB	2.99E-05	1.23E-02	2.31E-03	9.96E-03	0.00E+00	0.00E+00	1.44E-01	1.36E-07	1.32E-05	8.21E-05	0.00E+00	2.43E-04	1.10E-09	3.21E-11	1.48E-03	2.65E-05	8.18E-04	0.00E+00	1.73E-05	4.08E-03	9.44E-02	0.00E+00	1.28E-10	1.65E-10	1.92E-05	4.90E-07	1.26E-02	0.00E+00	9.44E-02	2.32E-10	9.44E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
JP002	1.80E-05	1.49E-02	5.09E-04	1.44E-02	0.00E+00	0.00E+00	4.15E-02	9.80E-08	4.98E-06	4.57E-05	0.00E+00	7.93E-05	2.41E-10	1.28E-11	2.31E-03	5.83E-06	3.24E-03	3.39E-03	2.81E-05	6.97E-03	6.24E-02	0.00E+00	5.69E-11	1.20E-10	1.01E-05	5.21E-07	9.36E-03	0.00E+00	6.24E-02	2.23E-10	6.24E-02	7.17E-02	9.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
JP011	1.85E-05	9.81E-03	1.32E-03	8.49E-03	0.00E+00	0.00E+00	8.40E-02	9.34E-08	8.00E-06	5.31E-05	0.00E+00	1.44E-04	6.25E-10	1.96E-11	1.30E-03	1.51E-05	1.18E-03	7.87E-04	1.55E-05	3.73E-03	6.34E-02	0.00E+00	7.93E-11	1.13E-10	1.23E-05	3.74E-07	8.70E-03	0.00E+00	6.34E-02	1.72E-10	6.34E-02	7.21E-02	8.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04
JP015	9.09E-06	5.76E-03	5.11E-04	5.24E-03	0.00E+00	0.00E+00	3.42E-02	4.72E-08	3.44E-06	2.51E-05	0.00E+00	6.02E-05	2.43E-10	8.53E-12	8.23E-04	5.87E-06	9.47E-04	8.49E-04	9.89E-06	2.42E-03	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	4.25E-04
KU33AHE	4.81E-04	2.13E-01	4.01E-02	1.73E-01	0.00E+00	0.00E+00	2.49E+00	2.37E-06	2.29E-04	1.43E-03	0.00E+00	4.22E-03	1.91E-08	5.57E-10	2.57E-02	4.61E-04	1.42E-02	0.00E+00	3.00E-04	7.09E-02	1.64E+00	0.00E+00	2.22E-09	2.87E-09	3.33E-04	8.50E-06	2.19E-01	0.00E+00	1.64E+00	4.02E-09	1.64E+00	1.86E+00	2.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-02
KU33AHZ	1.55E-03	6.90E-01	1.30E-01	5.60E-01	0.00E+00	0.00E+00	8.06E+00	7.67E-06	7.42E-04	4.61E-03	0.00E+00	1.36E-02	6.17E-08	1.80E-09	8.33E-02	1.49E-03	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-08	5.31E+00	6.01E+00	7.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
KU33LHE	3.29E-04	1.46E-01	2.74E-02	1.18E-01	0.00E+00	0.00E+00	1.70E+00	1.62E-06	1.57E-04	9.75E-04	0.00E+00	2.88E-03	1.30E-08	3.81E-10	1.76E-02	3.15E-04	9.72E-03	0.00E+00	2.05E-04	4.85E-02	1.12E+00	0.00E+00	1.52E-09	1.96E-09	2.28E-04	5.81E-06	1.50E-01	0.00E+00	1.12E+00	2.75E-09	1.12E+00	1.27E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-03
KU33OHZGB	6.60E-03	2.93E+00	5.51E-01	2.38E+00	0.00E+00	0.00E+00	3.42E+01	3.25E-05	3.15E-03	1.96E-02	0.00E+00	5.79E-02	2.62E-07	7.65E-09	3.53E-01	6.33E-03	1.95E-01	0.00E+00	4.12E-03	9.73E-01	2.25E+01	0.00E+00	3.04E-08	3.94E-08	4.58E-03	1.17E-04	3.00E+00	0.00E+00	2.25E+01	5.52E-08	2.25E+01	2.55E+01	3.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-01
KU33VGAZ	1.28E-03	5.68E-01	1.07E-01	4.61E-01	0.00E+00	0.00E+00	6.65E+00	6.32E-06	6.12E-04	3.80E-03	0.00E+00	1.12E-02	5.08E-08	1.49E-09	6.86E-02	1.23E-03	3.79E-02	0.00E+00	8.00E-04	1.89E-01	4.37E+00	0.00E+00	5.91E-09	7.65E-09	8.89E-04	2.27E-05	5.83E-01	0.00E+00	4.37E+00	1.07E-08	4.37E+00	4.96E+00	5.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-02
KU33VGLZ	1.17E-03	5.21E-01	9.81E-02	4.23E-01	0.00E+00	0.00E+00	6.09E+00	5.79E-06	5.61E-04	3.49E-03	0.00E+00	1.03E-02	4.66E-08	1.36E-09	6.29E-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	5.35E-01	0.00E+00	4.01E+00	9.83E-09	4.01E+00	4.54E+00	5.35E-01	0.00E+00	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-06	1.72E-04	1.07E-03	0.00E+00	3.16E-03	1.43E-08	4.17E-10	1.93E-02	3.45E-04	1.06E-02	0.00E+00	2.25E-04	5.31E-02	1.23E+00	0.00E+00	1.66E-09	2.15E-09	2.50E-04	6.37E-06	1.64E-01	0.00E+00	1.23E+00	3.01E-09	1.23E+00	1.39E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-03
KU73S20	6.72E-04	2.98E-01	5.62E-02	2.42E-01	0.00E+00	0.00E+00	3.49E+00	3.32E-06	3.21E-04	2.00E-03	0.00E+00	5.90E-03	2.67E-08	7.80E-10	3.60E-02	6.45E-04	1.99E-02	0.00E+00	4.20E-04	9.92E-02	2.29E+00	0.00E+00	3.10E-09	4.02E-09	4.66E-04	1.19E-05	3.06E-01	0.00E+00	2.29E+00	5.63E-09	2.29E+00	2.60E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02
KU73S50	6.72E-04	2.98E-01	5.62E-02	2.42E-01	0.00E+00	0.00E+00	3.49E+00	3.32E-06	3.21E-04	2.00E-03	0.00E+00	5.90E-03	2.67E-08	7.80E-10	3.60E-02	6.45E-04	1.99E-02	0.00E+00	4.20E-04	9.92E-02	2.29E+00	0.00E+00	3.10E-09	4.02E-09	4.66E-04	1.19E-05	3.06E-01	0.00E+00	2.29E+00	5.63E-09	2.29E+00	2.60E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02
KU73S60	6.72E-04	2.98E-01	5.62E-02	2.42E-01	0.00E+00	0.00E+00	3.49E+00	3.32E-06	3.21E-04	2.00E-03	0.00E+00	5.90E-03	2.67E-08	7.80E-10	3.60E-02	6.45E-04	1.99E-02	0.00E+00	4.20E-04	9.92E-02	2.29E+00	0.00E+00	3.10E-09	4.02E-09	4.66E-04	1.19E-05	3.06E-01	0.00E+00	2.29E+00	5.63E-09	2.29E+00	2.60E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02
KU76S20	6.80E-04	3.02E-01	5.68E-02	2.45E-01	0.00E+00	0.00E+00	3.53E+00	3.35E-06	3.25E-04	2.02E-03	0.00E+00	5.96E-03	2.70E-08	7.88E-10	3.64E-02	6.52E-04	2.01E-02	0.00E+00	4.25E-04	1.00E-01	2.32E+00	0.00E+00	3.14E-09	4.06E-09	4.72E-04	1.20E-05	3.10E-01	0.00E+00	2.32E+00	5.69E-09	2.32E+00	2.63E+00	3.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-02
KU83CHZGB	1.78E-03	7.89E-01	1.48E-01	6.40E-01	0.00E+00	0.00E+00	9.22E+00	8.77E-06	8.49E-04	5.28E-03	0.00E+00	1.56E-02	7.05E-08	2.06E-09	9.52E-02	1.71E-03	5.26E-02	0.00E+00	1.11E-03	2.62E-01	6.07E+00	0.00E+00	8.20E-09	1.06E-08	1.23E-03	3.15E-05	8.09E-01	0.00E+00	6.07E+00	1.49E-08	6.07E+00	6.88E+00	8.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-02
U961N	7.81E-04	3.51E-01	6.46E-02	2.86E-01	0.00E+00	0.00E+00	4.02E+00	3.85E-06	3.70E-04	2.31E-03	0.00E+00	6.80E-03	3.07E-08	9.00E-10	4.26E-02	7.42E-04	2.48E-02	2.10E-03	4.98E-04	1.18E-01	2.66E+00	0.00E+00	3.58E-09	4.67E-09	5.40E-04	1.39E-05	3.56E-01	0.00E+00	2.66E+00	6.58E-09	2.66E+00	3.02E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02
U96N	8.27E-04	3.71E-01	6.85E-02	3.03E-01	0.00E+00	0.00E+00	4.26E+00	4.08E-06	3.93E-04	2.45E-03	0.00E+00	7.20E-03	3.25E-08	9.54E-10	4.51E-02	7.86E-04	2.61E-02	2.10E-03	5.27E-04	1.25E-01	2.82E+00	0.00E+00	3.80E-09	4.95E-09	5.72E-04	1.48E-05	3.77E-01	0.00E+00	2.82E+00	6.97E-09	2.82E+00	3.20E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-02
U97N	1.00E-03	4.49E-01	8.31E-02	3.66E-01	0.00E+00	0.00E+00	5.17E+00	4.95E-06	4.76E-04	2.97E-03	0.00E+00	8.74E-03	3.95E-08	1.16E-09	5.45E-02	9.54E-04	3.13E-02	2.10E-03	6.36E-04	1.50E-01	3.42E+00	0.00E+00	4.61E-09	5.99E-09	6.94E-04	1.79E-05	4.57E-01	0.00E+00	3.42E+00	8.43E-09	3.42E+00	3.88E+00	4.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-02
UC11BA	2.98E-04	1.32E-01	2.49E-02	1.07E-01	0.00E+00	0.00E+00	1.54E+00	1.47E-06	1.42E-04	8.84E-04	0.00E+00	2.61E-03	1.18E-08	3.45E-10	1.60E-02	2.86E-04	8.81E-03	0.00E+00	1.86E-04	4.39E-02	1.02E+00	0.00E+00	1.37E-09	1.78E-09	2.07E-04	5.27E-06	1.36E-01	0.00E+00	1.02E+00	2.49E-09	1.02E+00	1.15E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-03
UC12BA	5.08E-04	2.25E-01	4.24E-02	1.83E-01	0.00E+00	0.00E+00	2.63E+00	2.50E-06	2.42E-04	1.51E-03	0.00E+00	4.45E-03	2.01E-08	5.89E-10	2.72E-02	4.87E-04	1.50E-02	0.00E+00	3.17E-04	7.49E-02	1.73E+00	0.00E+00	2.34E-09	3.03E-09	3.52E-04	8.98E-06	2.31E-01	0.00E+00	1.73E+00	4.25E-09	1.73E+00	1.96E+00	2.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02
UC21LH0	6.45E-04	2.86E-01	5.39E-02	2.32E-01	0.00E+00	0.00E+00	3.34E+00	3.18E-06	3.08E-04	1.91E-03	0.00E+00	5.66E-03	2.56E-08	7.48E-10	3.45E-02	6.19E-04	1.91E-02	0.00E+00	4.03E-04	9.51E-02	2.20E+00	0.00E+00	2.97E-09	3.85E-09	4.47E-04	1.14E-05	2.94E-01	0.00E+00	2.20E+00	5.40E-09	2.20E+00	2.49E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
UC21LH1	7.51E-04	3.33E-01	6.27E-02	2.71E-01	0.00E+00	0.00E+00	3.90E+00	3.70E-06	3.59E-04	2.23E-03	0.00E+00	6.59E-03	2.98E-08	8.71E-10	4.02E-02	7.21E-04	2.22E-02	0.00E+00	4.69E-04	1.11E-01	2.56E+00	0.00E+00	3.47E-09	4.49E-09	5.21E-04	1.33E-05	3.42E-01	0.00E+00	2.56E+00	6.29E-09	2.56E+00	2.91E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02
UC21ST0	7.45E-04	3.30E-01	6.22E-02	2.68E-01	0.00E+00	0.00E+00	3.86E+00	3.67E-06	3.56E-04	2.21E-03	0.00E+00	6.53E-03	2.96E-08	8.64E-10	3.99E-02	7.15E-04	2.20E-02	0.00E+00	4.65E-04	1.10E-01	2.54E+00	0.00E+00	3.44E-09	4.45E-09	5.17E-04	1.32E-05	3.39E-01	0.00E+00	2.54E+00	6.24E-09	2.54E+00	2.88E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-02
UC21TR2	6.54E-04	2.90E-01	5.46E-02	2.35E-01	0.00E+00	0.00E+00	3.39E+00	3.22E-06	3.12E-04	1.94E-03	0.00E+00	5.73E-03	2.59E-08	7.58E-10	3.50E-02	6.27E-04	1.93E-02	0.00E+00	4.08E-04	9.64E-02	2.23E+00	0.00E+00	3.02E-09	3.91E-09	4.54E-04	1.16E-05	2.98E-01	0.00E+00	2.23E+00	5.47E-09	2.23E+00	2.53E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-02
UC22BA	7.94E-04	3.52E-01	6.63E-02	2.86E-01	0.00E+00	0.00E+00	4.12E+00	3.91E-06	3.79E-04	2.36E-03	0.00E+00	6.96E-03	3.15E-08	9.20E-10	4.25E-02	7.62E-04	2.35E-02	0.00E+00	4.96E-04	1.17E-01	2.71E+00	0.00E+00	3.66E-09	4.74E-09	5.51E-04	1.40E-05	3.61E-01	0.00E+00	2.71E+00	6.64E-09	2.71E+00	3.07E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-02
UC22PEN	7.94E-04	3.53E-01	6.62E-02	2.87E-01	0.00E+00	0.00E+00	4.11E+00	3.91E-06	3.79E-04	2.35E-03	0.00E+00	6.95E-03	3.14E-08	9.19E-10	4.27E-02	7.60E-04	2.38E-02	3.61E-04	4.98E-04	1.18E-01	2.71E+00	0.00E+00	3.66E-09	4.74E-09	5.50E-04	1.41E-05	3.61E-01	0.00E+00	2.71E+00	6.65E-09	2.71E+00	3.07E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02
UC22RK	9.22E-04	4.09E-01	7.70E-02	3.32E-01	0.00E+00	0.00E+00	4.78E+00	4.55E-06	4.40E-04	2.74E-03	0.00E+00	8.08E-03	3.66E-08	1.07E-09	4.94E-02	8.85E-04	2.73E-02	0.00E+00	5.76E-04	1.36E-01	3.15E+00	0.00E+00	4.25E-09	5.51E-09	6.39E-04	1.63E-05	4.20E-01	0.00E+00	3.15E+00	7.72E-09	3.15E+00	3.57E+00	4.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-02
UC31LE3	1.02E-03	4.52E-01	8.51E-02	3.67E-01	0.00E+00	0.00E+00	5.29E+00	5.03E-06	4.87E-04	3.02E-03	0.00E+00	8.94E-03	4.04E-08	1.18E-09	5.46E-02	9.78E-04	3.01E-02	0.00E+00	6.37E-04	1.50E-01	3.48E+00	0.00E+00	4.70E-09	6.09E-09	7.07E-04	1.80E-05	4.64E-01	0.00E+00	3.48E+00	8.53E-09	3.48E+00	3.94E+00	4.64E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-02
UC32RK	1.40E-03	6.20E-01	1.17E-01	5.03E-01	0.00E+00	0.00E+00	7.25E+00	6.89E-06	6.67E-04	4.15E-03	0.00E+00	1.23E-02	5.55E-08	1.62E-09	7.49E-02	1.34E-03	4.14E-02	0.00E+00	8.73E-04	2.06E-01	4.77E+00	0.00E+00	6.45E-09	8.35E-09	9.70E-04	2.47E-05	6.37E-01	0.00E+00	4.77E+00	1.17E-08	4.77E+00	5.41E+00	6.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-02
UC34BA	1.97E-03	8.73E-01	1.64E-01	7.08E-01	0.00E+00	0.00E+00	1.02E+01	9.70E-06	9.39E-04	5.84E-03	0.00E+00	1.73E-02	7.81E-08	2.28E-09	1.05E-01	1.89E-03	5.82E-02	0.00E+00	1.23E-03	2.90E-01	6.71E+00	0.00E+00	9.08E-09	1.18E-08	1.36E-03	3.48E-05	8.96E-01	0.00E+00	6.71E+00	1.65E-08	6.71E+00	7.61E+00	8.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-02
UC44BA	1.10E-04	4.87E-02	9.17E-03	3.95E-02	0.00E+00	0.00E+00	5.69E-01	5.41E-07	5.24E-05	3.26E-04	0.00E+00	9.62E-04	4.35E-09	1.27E-10	5.88E-03	1.05E-04	3.25E-03	0.00E+00	6.85E-05	1.62E-02	3.74E-01	0.00E+00	5.06E-10	6.55E-10	7.61E-05	1.94E-06	5.00E-02	0.00E+00	3.74E-01	9.19E-10	3.74E-01	4.24E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03
UD01F1	3.42E-04	1.56E-01	2.79E-02	1.28E-01	0.00E+00	0.00E+00	1.74E+00	1.69E-06	1.61E-04	1.01E-03	0.00E+00	2.94E-03	1.32E-08	3.91E-10	1.92E-02	3.20E-04	1.19E-02	2.29E-03	2.25E-04	5.33E-02	1.17E+00	0.00E+00	1.56E-09	2.05E-09	2.35E-04	6.18E-06	1.56E-01	0.00E+00	1.17E+00	2.91E-09	1.17E+00	1.32E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-03
UD01F2	4.22E-04	1.92E-01	3.46E-02	1.58E-01	0.00E+00	0.00E+00	2.15E+00	2.09E-06	1.99E-04	1.25E-03	0.00E+00	3.65E-03	1.64E-08	4.84E-10	2.36E-02	3.97E-04	1.44E-02	2.41E-03	2.76E-04	6.53E-02	1.44E+00	0.00E+00	1.93E-09	2.53E-09	2.91E-04	7.61E-06	1.93E-01	0.00E+00	1.44E+00	3.59E-09	1.44E+00	1.63E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
UD02F1	6.08E-04	2.74E-01	5.01E-02	2.24E-01	0.00E+00	0.00E+00	3.12E+00	3.00E-06	2.88E-04	1.80E-03	0.00E+00	5.28E-03	2.38E-08	6.99E-10	3.35E-02	5.76E-04	1.98E-02	2.29E-03	3.91E-04	9.26E-02	2.08E+00	0.00E+00	2.79E-09	3.64E-09	4.20E-04	1.09E-05	2.78E-01	0.00E+00	2.08E+00	5.14E-09	2.08E+00	2.35E+00	2.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-02
UD02F2	1.03E-03	4.63E-01	8.56E-02	3.78E-01	0.00E+00	0.00E+00	5.32E+00	5.10E-06	4.91E-04	3.06E-03	0.00E+00	9.01E-03	4.07E-08	1.19E-09	5.63E-02	9.84E-04	3.25E-02	2.41E-03	6.58E-04	1.56E-01	3.53E+00	0.00E+00	4.75E-09	6.18E-09	7.15E-04	1.84E-05	4.71E-01	0.00E+00	3.53E+00	8.70E-09	3.53E+00	4.00E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-02
UD11A1	4.18E-04	1.88E-01	3.46E-02	1.53E-01	0.00E+00	0.00E+00	2.15E+00	2.06E-06	1.98E-04	1.24E-03	0.00E+00	3.64E-03	1.64E-08	4.82E-10	2.28E-02	3.97E-04	1.33E-02	1.14E-03	2.67E-04	6.31E-02	1.43E+00	0.00E+00	1.92E-09	2.50E-09	2.89E-04	7.46E-06	1.91E-01	0.00E+00	1.43E+00	3.52E-09	1.43E+00	1.62E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02
UD11B1	5.22E-04	2.31E-01	4.36E-02	1.88E-01	0.00E+00	0.00E+00	2.71E+00	2.57E-06	2.49E-04	1.55E-03	0.00E+00	4.57E-03	2.07E-08	6.05E-10	2.79E-02	5.01E-04	1.54E-02	0.00E+00	3.26E-04	7.69E-02	1.78E+00	0.00E+00	2.41E-09	3.12E-09	3.62E-04	9.23E-06	2.37E-01	0.00E+00	1.78E+00	4.37E-09	1.78E+00	2.02E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02
UD11C1	4.14E-04	1.84E-01	3.46E-02	1.49E-01	0.00E+00	0.00E+00	2.15E+00	2.04E-06	1.98E-04	1.23E-03	0.00E+00	3.63E-03	1.64E-08	4.80E-10	2.22E-02	3.97E-04	1.22E-02	0.00E+00	2.58E-04	6.10E-02	1.41E+00	0.00E+00	1.91E-09	2.47E-09	2.87E-04	7.32E-06	1.88E-01	0.00E+00	1.41E+00	3.46E-09	1.41E+00	1.60E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02
UD11F1	3.34E-04	1.48E-01	2.79E-02	1.20E-01	0.00E+00	0.00E+00	1.73E+00	1.65E-06	1.59E-04	9.90E-04	0.00E+00	2.93E-03	1.32E-08	3.87E-10	1.79E-02	3.20E-04	9.87E-03	0.00E+00	2.08E-04	4.92E-02	1.14E+00	0.00E+00	1.54E-09	1.99E-09	2.31E-04	5.90E-06	1.52E-01	0.00E+00	1.14E+00	2.79E-09	1.14E+00	1.29E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-03
UD12A1	1.03E-03	4.59E-01	8.56E-02	3.73E-01	0.00E+00	0.00E+00	5.32E+00	5.08E-06	4.90E-04	3.05E-03	0.00E+00	9.00E-03	4.07E-08	1.19E-09	5.56E-02	9.84E-04	3.14E-02	1.14E-03	6.49E-04	1.53E-01	3.51E+00	0.00E+00	4.74E-09	6.15E-09	7.13E-04	1.83E-05	4.69E-01	0.00E+00	3.51E+00	8.64E-09	3.51E+00	3.98E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-02
UD12B1	5.70E-04	2.53E-01	4.76E-02	2.05E-01	0.00E+00	0.00E+00	2.95E+00	2.81E-06	2.72E-04	1.69E-03	0.00E+00	5.00E-03	2.26E-08	6.60E-10	3.05E-02	5.47E-04	1.69E-02	0.00E+00	3.56E-04	8.40E-02	1.94E+00	0.00E+00	2.63E-09	3.40E-09	3.95E-04	1.01E-05	2.59E-01	0.00E+00	1.94E+00	4.77E-09	1.94E+00	2.20E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02
UD12B2	5.96E-04	2.64E-01	4.98E-02	2.15E-01	0.00E+00	0.00E+00	3.09E+00	2.94E-06	2.85E-04	1.77E-03	0.00E+00	5.23E-03	2.37E-08	6.91E-10	3.19E-02	5.72E-04	1.76E-02	0.00E+00	3.72E-04	8.79E-02	2.03E+00	0.00E+00	2.75E-09	3.56E-09	4.14E-04	1.05E-05	2.71E-01	0.00E+00	2.03E+00	4.99E-09	2.03E+00	2.31E+00	2.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-02
UD12B4	8.40E-04	3.73E-01	7.02E-02	3.03E-01	0.00E+00	0.00E+00	4.36E+00	4.14E-06	4.01E-04	2.49E-03	0.00E+00	7.37E-03	3.33E-08	9.74E-10	4.50E-02	8.06E-04	2.49E-02	0.00E+00	5.25E-04	1.24E-01	2.87E+00	0.00E+00	3.88E-09	5.02E-09	5.83E-04	1.49E-05	3.83E-01	0.00E+00	2.87E+00	7.03E-09	2.87E+00	3.25E+00	3.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02
UD12F1	6.00E-04	2.66E-01	5.01E-02	2.16E-01	0.00E+00	0.00E+00	3.11E+00	2.96E-06	2.86E-04	1.78E-03	0.00E+00	5.26E-03	2.38E-08	6.96E-10	3.21E-02	5.76E-04	1.77E-02	0.00E+00	3.75E-04	8.85E-02	2.05E+00	0.00E+00	2.77E-09	3.58E-09	4.16E-04	1.06E-05	2.73E-01	0.00E+00	2.05E+00	5.02E-09	2.05E+00	2.32E+00	2.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-02
UD13A1	7.74E-04	3.46E-01	6.43E-02	2.81E-01	0.00E+00	0.00E+00	4.00E+00	3.82E-06	3.68E-04	2.29E-03	0.00E+00	6.76E-03	3.05E-08	8.94E-10	4.19E-02	7.39E-04	2.38E-02	1.14E-03	4.89E-04	1.16E-01	2.64E+00	0.00E+00	3.56E-09	4.63E-09	5.36E-04	1.38E-05	3.53E-01	0.00E+00	2.64E+00	6.50E-09	2.64E+00	2.99E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-02
UD13B1	7.80E-04	3.46E-01	6.51E-02	2.81E-01	0.00E+00	0.00E+00	4.05E+00	3.85E-06	3.72E-04	2.31E-03	0.00E+00	6.84E-03	3.09E-08	9.04E-10	4.18E-02	7.48E-04	2.31E-02	0.00E+00	4.87E-04	1.15E-01	2.66E+00	0.00E+00	3.60E-09	4.66E-09	5.41E-04	1.38E-05	3.55E-01	0.00E+00	2.66E+00	6.53E-09	2.66E+00	3.02E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-02
UD13B2	7.85E-04	3.48E-01	6.56E-02	2.83E-01	0.00E+00	0.00E+00	4.07E+00	3.87E-06	3.75E-04	2.33E-03	0.00E+00	6.88E-03	3.11E-08	9.10E-10	4.20E-02	7.53E-04	2.32E-02	0.00E+00	4.90E-04	1.16E-01	2.68E+00	0.00E+00	3.62E-09	4.69E-09	5.44E-04	1.39E-05	3.57E-01	0.00E+00	2.68E+00	6.57E-09	2.68E+00	3.04E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-02
UD21A1	5.22E-04	2.36E-01	4.29E-02	1.93E-01	0.00E+00	0.00E+00	2.67E+00	2.58E-06	2.47E-04	1.54E-03	0.00E+00	4.53E-03	2.04E-08	6.00E-10	2.89E-02	4.93E-04	1.73E-02	2.29E-03	3.38E-04	7.99E-02	1.78E+00	0.00E+00	2.39E-09	3.13E-09	3.61E-04	9.37E-06	2.39E-01	0.00E+00	1.78E+00	4.42E-09	1.78E+00	2.02E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-02
UD21A1-LG	5.42E-04	2.45E-01	4.46E-02	2.01E-01	0.00E+00	0.00E+00	2.78E+00	2.68E-06	2.56E-04	1.60E-03	0.00E+00	4.70E-03	2.12E-08	6.23E-10	2.99E-02	5.12E-04	1.79E-02	2.29E-03	3.50E-04	8.29E-02	1.85E+00	0.00E+00	2.48E-09	3.25E-09	3.74E-04	9.73E-06	2.48E-01	0.00E+00	1.85E+00	4.59E-09	1.85E+00	2.10E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-02
UD21B1	6.55E-04	2.90E-01	5.47E-02	2.36E-01	0.00E+00	0.00E+00	3.40E+00	3.23E-06	3.13E-04	1.94E-03	0.00E+00	5.74E-03	2.60E-08	7.59E-10	3.51E-02	6.28E-04	1.94E-02	0.00E+00	4.09E-04	9.66E-02	2.23E+00	0.00E+00	3.02E-09	3.91E-09	4.54E-04	1.16E-05	2.98E-01	0.00E+00	2.23E+00	5.48E-09	2.23E+00	2.53E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-02
UD21B5	4.52E-04	2.00E-01	3.77E-02	1.63E-01	0.00E+00	0.00E+00	2.34E+00	2.23E-06	2.16E-04	1.34E-03	0.00E+00	3.96E-03	1.79E-08	5.24E-10	2.42E-02	4.34E-04	1.34E-02	0.00E+00	2.82E-04	6.66E-02	1.54E+00	0.00E+00	2.08E-09	2.70E-09	3.13E-04	7.99E-06	2.06E-01	0.00E+00	1.54E+00	3.78E-09	1.54E+00	1.75E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02
UD21C1	1.57E-03	6.96E-01	1.31E-01	5.65E-01	0.00E+00	0.00E+00	8.14E+00	7.74E-06	7.49E-04	4.66E-03	0.00E+00	1.38E-02	6.23E-08	1.82E-09	8.41E-02	1.51E-03	4.64E-02	0.00E+00	9.81E-04	2.32E-01	5.36E+00	0.00E+00	7.24E-09	9.38E-09	1.09E-03	2.78E-05	7.15E-01	0.00E+00	5.36E+00	1.31E-08	5.36E+00	6.07E+00	7.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-02
UD21D2B	5.28E-04	2.34E-01	4.41E-02	1.90E-01	0.00E+00	0.00E+00	2.74E+00	2.60E-06	2.52E-04	1.57E-03	0.00E+00	4.63E-03	2.10E-08	6.12E-10	2.83E-02	5.07E-04	1.56E-02	0.00E+00	3.30E-04	7.79E-02	1.80E+00	0.00E+00	2.44E-09	3.15E-09	3.66E-04	9.34E-06	2.40E-01	0.00E+00	1.80E+00	4.42E-09	1.80E+00	2.04E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-02
UD21F1	4.59E-04	2.04E-01	3.84E-02	1.65E-01	0.00E+00	0.00E+00	2.38E+00	2.27E-06	2.19E-04	1.36E-03	0.00E+00	4.03E-03	1.82E-08	5.33E-10	2.46E-02	4.41E-04	1.36E-02	0.00E+00	2.87E-04	6.78E-02	1.57E+00	0.00E+00	2.12E-09	2.74E-09	3.19E-04	8.13E-06	2.09E-01	0.00E+00	1.57E+00	3.85E-09	1.57E+00	1.78E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02
UD22F1	7.79E-04	3.45E-01	6.51E-02	2.80E-01	0.00E+00	0.00E+00	4.04E+00	3.84E-06	3.72E-04	2.31E-03	0.00E+00	6.83E-03	3.09E-08	9.03E-10	4.17E-02	7.47E-04	2.30E-02	0.00E+00	4.86E-04	1.15E-01	2.66E+00	0.00E+00	3.59E-09	4.65E-09	5.40E-04	1.38E-05	3.55E-01	0.00E+00	2.66E+00	6.52E-09	2.66E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-02
UD22G1	1.03E-03	4.58E-01	8.62E-02	3.72E-01	0.00E+00	0.00E+00	5.35E+00	5.09E-06	4.93E-04	3.06E-03	0.00E+00	9.05E-03	4.09E-08	1.20E-09	5.53E-02	9.90E-04	3.05E-02	0.00E+00	6.45E-04	1.52E-01	3.52E+00	0.00E+00	4.76E-09	6.16E-09	7.16E-04	1.83E-05	4.70E-01	0.00E+00	3.52E+00	8.64E-09	3.52E+00	3.99E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
UD31A1	7.25E-04	3.29E-01	5.96E-02	2.69E-01	0.00E+00	0.00E+00	3.71E+00	3.58E-06	3.42E-04	2.14E-03	0.00E+00	6.28E-03	2.83E-08	8.32E-10	4.02E-02	6.84E-04	2.42E-02	3.43E-03	4.70E-04	1.11E-01	2.48E+00	0.00E+00	3.32E-09	4.34E-09	5.00E-04	1.30E-05	3.31E-01	0.00E+00	2.48E+00	6.14E-09	2.48E+00	2.81E+00	3.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02
UD31B1	8.56E-04	3.80E-01	7.15E-02	3.08E-01	0.00E+00	0.00E+00	4.44E+00	4.22E-06	4.09E-04	2.54E-03	0.00E+00	7.51E-03	3.40E-08	9.92E-10	4.59E-02	8.21E-04	2.53E-02	0.00E+00	5.35E-04	1.26E-01	2.92E+00	0.00E+00	3.95E-09	5.11E-09	5.94E-04	1.51E-05	3.90E-01	0.00E+00	2.92E+00	7.17E-09	2.92E+00	3.31E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-02
UD31C1	1.01E-03	4.49E-01	8.46E-02	3.65E-01	0.00E+00	0.00E+00	5.25E+00	5.00E-06	4.84E-04	3.01E-03	0.00E+00	8.88E-03	4.02E-08	1.17E-09	5.43E-02	9.72E-04	3.00E-02	0.00E+00	6.33E-04	1.49E-01	3.46E+00	0.00E+00	4.67E-09	6.05E-09	7.03E-04	1.79E-05	4.61E-01	0.00E+00	3.46E+00	8.48E-09	3.46E+00	3.92E+00	4.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-02
UD31M1	7.21E-04	3.22E-01	5.99E-02	2.62E-01	0.00E+00	0.00E+00	3.72E+00	3.56E-06	3.43E-04	2.14E-03	0.00E+00	6.29E-03	2.84E-08	8.33E-10	3.90E-02	6.88E-04	2.21E-02	1.03E-03	4.55E-04	1.08E-01	2.46E+00	0.00E+00	3.32E-09	4.31E-09	4.99E-04	1.28E-05	3.28E-01	0.00E+00	2.46E+00	6.05E-09	2.46E+00	2.79E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-02
UD32A1N	1.23E-03	5.57E-01	1.02E-01	4.55E-01	0.00E+00	0.00E+00	6.33E+00	6.10E-06	5.85E-04	3.65E-03	0.00E+00	1.07E-02	4.84E-08	1.42E-09	6.80E-02	1.17E-03	4.02E-02	4.58E-03	7.94E-04	1.88E-01	4.21E+00	0.00E+00	5.66E-09	7.39E-09	8.53E-04	2.21E-05	5.64E-01	0.00E+00	4.21E+00	1.04E-08	4.21E+00	4.78E+00	5.64E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-02
UD32F1	1.01E-03	4.47E-01	8.41E-02	3.63E-01	0.00E+00	0.00E+00	5.22E+00	4.97E-06	4.81E-04	2.99E-03	0.00E+00	8.83E-03	4.00E-08	1.17E-09	5.39E-02	9.66E-04	2.98E-02	0.00E+00	6.29E-04	1.49E-01	3.44E+00	0.00E+00	4.64E-09	6.01E-09	6.98E-04	1.78E-05	4.58E-01	0.00E+00	3.44E+00	8.43E-09	3.44E+00	3.90E+00	4.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-02
UD33A1	1.52E-03	6.86E-01	1.25E-01	5.61E-01	0.00E+00	0.00E+00	7.80E+00	7.52E-06	7.20E-04	4.50E-03	0.00E+00	1.32E-02	5.96E-08	1.75E-09	8.37E-02	1.44E-03	4.96E-02	5.72E-03	9.78E-04	2.32E-01	5.19E+00	0.00E+00	6.97E-09	9.11E-09	1.05E-03	2.73E-05	6.94E-01	0.00E+00	5.19E+00	1.29E-08	5.19E+00	5.89E+00	6.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-02
UD33B1	1.58E-03	6.99E-01	1.32E-01	5.68E-01	0.00E+00	0.00E+00	8.18E+00	7.77E-06	7.52E-04	4.68E-03	0.00E+00	1.38E-02	6.25E-08	1.83E-09	8.44E-02	1.51E-03	4.66E-02	9.84E-06	9.85E-04	2.32E-01	5.38E+00	0.00E+00	7.27E-09	9.41E-09	1.09E-03	2.79E-05	7.18E-01	0.00E+00	5.38E+00	1.32E-08	5.38E+00	6.10E+00	7.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-02
UD41B1	8.72E-04	3.87E-01	7.28E-02	3.14E-01	0.00E+00	0.00E+00	4.52E+00	4.30E-06	4.16E-04	2.59E-03	0.00E+00	7.64E-03	3.46E-08	1.01E-09	4.67E-02	8.36E-04	2.58E-02	0.00E+00	5.44E-04	1.29E-01	2.97E+00	0.00E+00	4.02E-09	5.21E-09	6.05E-04	1.54E-05	3.97E-01	0.00E+00	2.97E+00	7.30E-09	2.97E+00	3.37E+00	3.97E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-02
UD41M1	9.34E-04	4.18E-01	7.74E-02	3.41E-01	0.00E+00	0.00E+00	4.81E+00	4.61E-06	4.44E-04	2.77E-03	0.00E+00	8.14E-03	3.68E-08	1.08E-09	5.08E-02	8.89E-04	2.93E-02	2.04E-03	5.94E-04	1.40E-01	3.19E+00	0.00E+00	4.29E-09	5.59E-09	6.46E-04	1.66E-05	4.26E-01	0.00E+00	3.19E+00	7.86E-09	3.19E+00	3.61E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-02
UD42B1	1.44E-03	6.38E-01	1.20E-01	5.18E-01	0.00E+00	0.00E+00	7.47E+00	7.10E-06	6.87E-04	4.27E-03	0.00E+00	1.26E-02	5.71E-08	1.67E-09	7.71E-02	1.38E-03	4.26E-02	9.84E-06	8.99E-04	2.12E-01	4.91E+00	0.00E+00	6.64E-09	8.60E-09	9.98E-04	2.55E-05	6.55E-01	0.00E+00	4.91E+00	1.20E-08	4.91E+00	5.57E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-02
UE11E0	3.11E-04	1.38E-01	2.60E-02	1.12E-01	0.00E+00	0.00E+00	1.61E+00	1.53E-06	1.48E-04	9.23E-04	0.00E+00	2.73E-03	1.23E-08	3.60E-10	1.67E-02	2.98E-04	9.20E-03	0.00E+00	1.94E-04	4.59E-02	1.06E+00	0.00E+00	1.43E-09	1.86E-09	2.16E-04	5.50E-06	1.42E-01	0.00E+00	1.06E+00	2.60E-09	1.06E+00	1.20E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-03

UE21A0	4.75E-04	2.11E-01	3.96E-02	1.71E-01	0.00E+00	0.00E+00	2.46E+00	2.34E-06	2.27E-04	1.41E-03	0.00E+00	4.16E-03	1.88E-08	5.50E-10	2.54E-02	4.55E-04	1.40E-02	0.00E+00	2.96E-04	7.00E-02	1.62E+00	0.00E+00	2.19E-09	2.83E-09	3.29E-04	8.40E-06	2.16E-01	0.00E+00	1.62E+00	3.97E-09	1.62E+00	1.84E+00	2.16E-01	0.00E+00	0.00E+00	0.00E+00	1.27E-02
UE21D1	6.82E-04	3.13E-01	5.54E-02	2.57E-01	0.00E+00	0.00E+00	3.46E+00	3.37E-06	3.20E-04	2.01E-03	0.00E+00	5.86E-03	2.63E-08	7.78E-10	3.86E-02	6.36E-04	2.43E-02	5.21E-03	4.52E-04	1.07E-01	2.33E+00	0.00E+00	3.10E-09	4.09E-09	4.69E-04	1.24E-05	3.12E-01	0.00E+00	2.33E+00	5.82E-09	2.33E+00	2.64E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	1.94E-02
UE21D3	6.82E-04	3.13E-01	5.54E-02	2.57E-01	0.00E+00	0.00E+00	3.46E+00	3.37E-06	3.20E-04	2.01E-03	0.00E+00	5.86E-03	2.63E-08	7.78E-10	3.86E-02	6.36E-04	2.43E-02	5.21E-03	4.52E-04	1.07E-01	2.33E+00	0.00E+00	3.10E-09	4.09E-09	4.69E-04	1.24E-05	3.12E-01	0.00E+00	2.33E+00	5.82E-09	2.33E+00	2.64E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	1.94E-02
UE21E0	4.90E-04	2.17E-01	4.09E-02	1.76E-01	0.00E+00	0.00E+00	2.54E+00	2.42E-06	2.34E-04	1.45E-03	0.00E+00	4.30E-03	1.94E-08	5.68E-10	2.62E-02	4.70E-04	1.45E-02	0.00E+00	3.06E-04	7.22E-02	1.67E+00	0.00E+00	2.26E-09	2.93E-09	3.40E-04	8.67E-06	2.23E-01	0.00E+00	1.67E+00	4.10E-09	1.67E+00	1.89E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00	1.31E-02
UE21E2B	4.90E-04	2.17E-01	4.09E-02	1.76E-01	0.00E+00	0.00E+00	2.54E+00	2.41E-06	2.34E-04	1.45E-03	0.00E+00	4.30E-03	1.94E-08	5.68E-10	2.62E-02	4.70E-04	1.45E-02	0.00E+00	3.06E-04	7.22E-02	1.67E+00	0.00E+00	2.26E-09	2.92E-09	3.40E-04	8.66E-06	2.23E-01	0.00E+00	1.67E+00	4.10E-09	1.67E+00	1.89E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00	1.31E-02
UE21E5	5.99E-04	2.66E-01	5.01E-02	2.16E-01	0.00E+00	0.00E+00	3.11E+00	2.96E-06	2.86E-04	1.78E-03	0.00E+00	5.26E-03	2.38E-08	6.95E-10	3.21E-02	5.75E-04	1.77E-02	0.00E+00	3.74E-04	8.84E-02	2.05E+00	0.00E+00	2.76E-09	3.58E-09	4.16E-04	1.06E-05	2.73E-01	0.00E+00	2.05E+00	5.02E-09	2.05E+00	2.32E+00	2.73E-01	0.00E+00	0.00E+00	0.00E+00	1.61E-02
UE22E0	8.09E-04	3.59E-01	6.76E-02	2.91E-01	0.00E+00	0.00E+00	4.20E+00	3.99E-06	3.86E-04	2.40E-03	0.00E+00	7.10E-03	3.21E-08	9.38E-10	4.34E-02	7.77E-04	2.39E-02	0.00E+00	5.05E-04	1.19E-01	2.76E+00	0.00E+00	3.73E-09	4.83E-09	5.61E-04	1.43E-05	3.68E-01	0.00E+00	2.76E+00	6.77E-09	2.76E+00	3.13E+00	3.68E-01	0.00E+00	0.00E+00	0.00E+00	2.17E-02
UE22E5	8.29E-04	3.70E-01	6.89E-02	3.01E-01	0.00E+00	0.00E+00	4.28E+00	4.09E-06	3.94E-04	2.46E-03	0.00E+00	7.24E-03	3.27E-08	9.58E-10	4.48E-02	7.91E-04	2.54E-02	1.14E-03	5.23E-04	1.24E-01	2.83E+00	0.00E+00	3.81E-09	4.95E-09	5.74E-04	1.47E-05	3.78E-01	0.00E+00	2.83E+00	6.96E-09	2.83E+00	3.21E+00	3.78E-01	0.00E+00	0.00E+00	0.00E+00	2.25E-02
UE22PEN	7.94E-04	3.53E-01	6.62E-02	2.87E-01	0.00E+00	0.00E+00	4.11E+00	3.91E-06	3.79E-04	2.35E-03	0.00E+00	6.95E-03	3.14E-08	9.19E-10	4.27E-02	7.60E-04	2.38E-02	3.61E-04	4.98E-04	1.18E-01	2.71E+00	0.00E+00	3.66E-09	4.74E-09	5.50E-04	1.41E-05	3.61E-01	0.00E+00	2.71E+00	6.65E-09	2.71E+00	3.07E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-02
UE31E2B	5.81E-04	2.58E-01	4.85E-02	2.09E-01	0.00E+00	0.00E+00	3.01E+00	2.86E-06	2.77E-04	1.72E-03	0.00E+00	5.09E-03	2.30E-08	6.73E-10	3.11E-02	5.57E-04	1.72E-02	0.00E+00	3.63E-04	8.57E-02	1.98E+00	0.00E+00	2.68E-09	3.47E-09	4.03E-04	1.03E-05	2.64E-01	0.00E+00	1.98E+00	4.86E-09	1.98E+00	2.25E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.56E-02
UE52K4N	1.43E-03	6.35E-01	1.19E-01	5.16E-01	0.00E+00	0.00E+00	7.40E+00	7.05E-06	6.82E-04	4.24E-03	0.00E+00	1.25E-02	5.66E-08	1.66E-09	7.68E-02	1.37E-03	4.29E-02	7.26E-04	8.96E-04	2.12E-01	4.88E+00	0.00E+00	6.59E-09	8.54E-09	9.91E-04	2.53E-05	6.51E-01	0.00E+00	4.88E+00	1.20E-08	4.88E+00	5.53E+00	6.51E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-02
UG41T2	8.65E-04	3.88E-01	7.17E-02	3.16E-01	0.00E+00	0.00E+00	4.46E+00	4.27E-06	4.11E-04	2.56E-03	0.00E+00	7.54E-03	3.40E-08	9.98E-10	4.72E-02	8.23E-04	2.72E-02	2.07E-03	5.51E-04	1.30E-01	2.95E+00	0.00E+00	3.97E-09	5.17E-09	5.99E-04	1.54E-05	3.95E-01	0.00E+00	2.95E+00	7.29E-09	2.95E+00	3.35E+00	3.95E-01	0.00E+00	0.00E+00	0.00E+00	2.36E-02
UG81S3	1.01E-03	4.49E-01	8.46E-02	3.65E-01	0.00E+00	0.00E+00	5.25E+00	4.99E-06	4.83E-04	3.01E-03	0.00E+00	8.88E-03	4.02E-08	1.17E-09	5.43E-02	9.72E-04	3.00E-02	1.97E-05	6.33E-04	1.49E-01	3.46E+00	0.00E+00	4.67E-09	6.05E-09	7.02E-04	1.79E-05	4.61E-01	0.00E+00	3.46E+00	8.48E-09	3.46E+00	3.92E+00	4.61E-01	0.00E+00	0.00E+00	0.00E+00	2.72E-02
UK21A3	5.14E-04	2.28E-01	4.29E-02	1.85E-01	0.00E+00	0.00E+00	2.67E+00	2.54E-06	2.45E-04	1.53E-03	0.00E+00	4.51E-03	2.04E-08	5.96E-10	2.75E-02	4.93E-04	1.52E-02	0.00E+00	3.21E-04	7.58E-02	1.75E+00	0.00E+00	2.37E-09	3.07E-09	3.57E-04	9.10E-06	2.34E-01	0.00E+00	1.75E+00	4.30E-09	1.75E+00	1.99E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
UK21LH0	4.68E-04	2.08E-01	3.91E-02	1.69E-01	0.00E+00	0.00E+00	2.43E+00	2.31E-06	2.23E-04	1.39E-03	0.00E+00	4.11E-03	1.86E-08	5.43E-10	2.51E-02	4.49E-04	1.39E-02	0.00E+00	2.92E-04	6.91E-02	1.60E+00	0.00E+00	2.16E-09	2.80E-09	3.25E-04	8.28E-06	2.13E-01	0.00E+00	1.60E+00	3.92E-09	1.60E+00	1.81E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	1.26E-02
UK21LH1	5.69E-04	2.52E-01	4.75E-02	2.05E-01	0.00E+00	0.00E+00	2.95E+00	2.80E-06	2.72E-04	1.69E-03	0.00E+00	4.99E-03	2.26E-08	6.59E-10	3.05E-02	5.46E-04	1.68E-02	0.00E+00	3.55E-04	8.39E-02	1.94E+00	0.00E+00	2.62E-09	3.40E-09	3.95E-04	1.01E-05	2.59E-01	0.00E+00	1.94E+00	4.76E-09	1.94E+00	2.20E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-02
UK21R1	5.14E-04	2.28E-01	4.30E-02	1.85E-01	0.00E+00	0.00E+00	2.67E+00	2.54E-06	2.46E-04	1.53E-03	0.00E+00	4.51E-03	2.04E-08	5.96E-10	2.76E-02	4.94E-04	1.52E-02	0.00E+00	3.21E-04	7.59E-02	1.76E+00	0.00E+00	2.37E-09	3.07E-09	3.57E-04	9.10E-06	2.34E-01	0.00E+00	1.76E+00	4.31E-09	1.76E+00	1.99E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
UK21S1	5.14E-04	2.28E-01	4.30E-02	1.85E-01	0.00E+00	0.00E+00	2.67E+00	2.54E-06	2.46E-04	1.53E-03	0.00E+00	4.51E-03	2.04E-08	5.96E-10	2.76E-02	4.94E-04	1.52E-02	0.00E+00	3.21E-04	7.59E-02	1.76E+00	0.00E+00	2.37E-09	3.07E-09	3.57E-04	9.10E-06	2.34E-01	0.00E+00	1.76E+00	4.31E-09	1.76E+00	1.99E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
UK31C2	8.73E-04	3.87E-01	7.29E-02	3.14E-01	0.00E+00	0.00E+00	4.53E+00	4.31E-06	4.17E-04	2.59E-03	0.00E+00	7.66E-03	3.46E-08	1.01E-09	4.68E-02	8.38E-04	2.58E-02	0.00E+00	5.45E-04	1.29E-01	2.98E+00	0.00E+00	4.03E-09	5.21E-09	6.06E-04	1.54E-05	3.98E-01	0.00E+00	2.98E+00	7.31E-09	2.98E+00	3.38E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	2.34E-02
UL25B9	3.90E-05	1.82E-02	1.66E-03	1.65E-02	0.00E+00	0.00E+00	1.13E-01	1.65E-07	1.27E-05	9.89E-05	0.00E+00	1.86E-04	7.71E-10	4.12E-11	2.35E-03	3.99E-03	2.42E-03	2.05E-03	9.64E-03	6.53E-03	1.26E-01	0.00E+00	3.82E-10	3.01E-10	2.46E-05	5.93E-07	1.46E-02	0.00E+00	1.26E-01	1.79E-08	1.26E-01	1.41E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	3.52E-01
UM00H1	5.06E-04	2.24E-01	4.23E-02	1.82E-01	0.00E+00	0.00E+00	2.62E+00	2.49E-06	2.42E-04	1.50E-03	0.00E+00	4.44E-03	2.01E-08	5.87E-10	2.71E-02	4.85E-04	1.50E-02	0.00E+00	3.16E-04	7.46E-02	1.73E+00	0.00E+00	2.33E-09	3.02E-09	3.51E-04	8.95E-06	2.30E-01	0.00E+00	1.73E+00	4.23E-09	1.73E+00	1.96E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	1.36E-02
UM00H2	5.03E-04	2.23E-01	4.20E-02	1.81E-01	0.00E+00	0.00E+00	2.61E+00	2.48E-06	2.40E-04	1.49E-03	0.00E+00	4.41E-03	2.00E-08	5.83E-10	2.69E-02	4.83E-04	1.49E-02	0.00E+00	3.14E-04	7.42E-02	1.72E+00	0.00E+00	2.32E-09	3.00E-09	3.49E-04	8.90E-06	2.29E-01	0.00E+00	1.72E+00	4.21E-09	1.72E+00	1.95E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	1.35E-02
UM00K1	5.06E-04	2.24E-01	4.22E-02	1.82E-01	0.00E+00	0.00E+00	2.62E+00	2.49E-06	2.41E-04	1.50E-03	0.00E+00	4.44E-03	2.01E-08	5.86E-10	2.71E-02	4.85E-04	1.50E-02	0.00E+00	3.16E-04	7.46E-02	1.73E+00	0.00E+00	2.33E-09	3.02E-09	3.51E-04	8.95E-06	2.30E-01	0.00E+00	1.73E+00	4.23E-09	1.73E+00	1.96E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	1.36E-02
UM00K2	5.06E-04	2.24E-01	4.22E-02	1.82E-01	0.00E+00	0.00E+00	2.62E+00	2.49E-06	2.41E-04	1.50E-03	0.00E+00	4.44E-03	2.01E-08	5.86E-10	2.71E-02	4.85E-04	1.50E-02	0.00E+00	3.16E-04	7.46E-02	1.73E+00	0.00E+00	2.33E-09	3.02E-09	3.51E-04	8.95E-06	2.30E-01	0.00E+00	1.73E+00	4.23E-09	1.73E+00	1.96E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	1.36E-02
UM00M0	4.71E-05	4.14E-02	9.87E-04	4.04E-02	0.00E+00	0.00E+00	9.07E-02	2.60E-07	1.18E-05	1.17E-04	0.00E+00	1.81E-04	4.67E-10	3.06E-11	6.52E-03	1.13E-05	9.45E-03	1.01E-02	7.94E-05	1.98E-02	1.64E-01	0.00E+00	1.40E-10	3.19E-10	2.57E-05	1.44E-06	2.50E-02	0.00E+00	1.64E-01	6.11E-10	1.64E-01	1.89E-01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	3.41E-03
UM00M1	7.58E-04	3.42E-01	6.24E-02	2.80E-01	0.00E+00	0.00E+00	3.88E+00	3.74E-06	3.59E-04	2.24E-03	0.00E+00	6.58E-03	2.96E-08	8.71E-10	4.18E-02	7.17E-04	2.48E-02	3.00E-03	4.88E-04	1.16E-01	2.59E+00	0.00E+00	3.47E-09	4.54E-09	5.24E-04	1.36E-05	3.46E-01	0.00E+00	2.59E+00	6.41E-09	2.59E+00	2.93E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	2.10E-02
UM00M2	7.58E-04	3.42E-01	6.24E-02	2.80E-01	0.00E+00	0.00E+00	3.88E+00	3.74E-06	3.59E-04	2.24E-03	0.00E+00	6.58E-03	2.96E-08	8.71E-10	4.18E-02	7.17E-04	2.48E-02	3.00E-03	4.88E-04	1.16E-01	2.59E+00	0.00E+00	3.47E-09	4.54E-09	5.24E-04	1.36E-05	3.46E-01	0.00E+00	2.59E+00	6.41E-09	2.59E+00	2.93E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	2.10E-02
UM41UK	1.20E-03	5.33E-01	9.95E-02	4.34E-01	0.00E+00	0.00E+00	6.18E+00	5.90E-06	5.69E-04	3.55E-03	0.00E+00	1.05E-02	4.73E-08	1.38E-09	6.46E-02	1.14E-03	3.65E-02	1.40E-03	7.54E-04	1.78E-01	4.08E+00	0.00E+00	5.51E-09	7.15E-09	8.28E-04	2.12E-05	5.45E-01	0.00E+00	4.08E+00	1.00E-08	4.08E+00	4.63E+00	5.45E-01	0.00E+00	0.00E+00	0.00E+00	3.24E-02
UM51UK	1.03E-03	4.62E-01	8.60E-02	3.76E-01	0.00E+00	0.00E+00	5.34E+00	5.10E-06	4.92E-04	3.07E-03	0.00E+00	9.04E-03	4.09E-08	1.20E-09	5.60E-02	9.88E-04	3.17E-02	1.40E-03	6.53E-04	1.54E-01	3.53E+00	0.00E+00	4.76E-09	6.18E-09	7.17E-04	1.84E-05	4.72E-01	0.00E+00	3.53E+00	8.69E-09	3.53E+00	4.00E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	2.80E-02
UM61UK	1.00E-03	4.51E-01	8.30E-02	3.68E-01	0.00E+00	0.00E+00	5.16E+00	4.95E-06	4.76E-04	2.97E-03	0.00E+00	8.73E-03	3.94E-08	1.16E-09	5.48E-02	9.53E-04	3.19E-02	2.80E-03	6.40E-04	1.51E-01	3.42E+00	0.00E+00	4.60E-09	6.00E-09	6.94E-04	1.79E-05	4.58E-01	0.00E+00	3.42E+00	8.46E-09	3.42E+00	3.88E+00	4.58E-01	0.00E+00	0.00E+00	0.00E+00	2.75E-02
UM71UK	1.26E-03	5.63E-01	1.04E-01	4.59E-01	0.00E+00	0.00E+00	6.47E+00	6.20E-06	5.96E-04	3.72E-03	0.00E+00	1.09E-02	4.94E-08	1.45E-09	6.84E-02	1.20E-03	3.94E-02	2.80E-03	7.98E-04	1.89E-01	4.29E+00	0.00E+00	5.77E-09	7.51E-09	8.69E-04	2.24E-05	5.73E-01	0.00E+00	4.29E+00	1.06E-08	4.29E+00	4.86E+00	5.73E-01	0.00E+00	0.00E+00	0.00E+00	3.43E-02
UN04A	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
UN05A	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
UN06A	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
UN07A	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
UN08A	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
UN09A	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
UN10A	8.99E-06	3.99E-03	7.51E-04	3.24E-03	0.00E+00	0.00E+00	4.67E-02	4.43E-08	4.29E-06	2.67E-05	0.00E+00	7.89E-05	3.57E-10	1.04E-11	4.82E-04	8.63E-06	2.66E-04	0.00E+00	5.62E-06	1.33E-03	3.07E-02	0.00E+00	4.15E-11	5.37E-11	6.24E-06	1.59E-07	4.09E-03	0.00E+00	3.07E-02	7.53E-11	3.07E-02	3.48E-02	4.09E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
UN11A	8.99E-06	3.99E-03	7.51E-04	3.24E-03	0.00E+00	0.00E+00	4.67E-02	4.43E-08	4.29E-06	2.67E-05	0.00E+00	7.89E-05	3.57E-10	1.04E-11	4.82E-04	8.63E-06	2.66E-04	0.00E+00	5.62E-06	1.33E-03	3.07E-02	0.00E+00	4.15E-11	5.37E-11	6.24E-06	1.59E-07	4.09E-03	0.00E+00	3.07E-02	7.53E-11	3.07E-02	3.48E-02	4.09E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
UN12A	8.99E-06	3.99E-03	7.51E-04	3.24E-03	0.00E+00	0.00E+00	4.67E-02	4.43E-08	4.29E-06	2.67E-05	0.00E+00	7.89E-05	3.57E-10	1.04E-11	4.82E-04	8.63E-06	2.66E-04	0.00E+00	5.62E-06	1.33E-03	3.07E-02	0.00E+00	4.15E-11	5.37E-11	6.24E-06	1.59E-07	4.09E-03	0.00E+00	3.07E-02	7.53E-11	3.07E-02	3.48E-02	4.09E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
UN13A	8.99E-06	3.99E-03	7.51E-04	3.24E-03	0.00E+00	0.00E+00	4.67E-02	4.43E-08	4.29E-06	2.67E-05	0.00E+00	7.89E-05	3.57E-10	1.04E-11	4.82E-04	8.63E-06	2.66E-04	0.00E+00	5.62E-06	1.33E-03	3.07E-02	0.00E+00	4.15E-11	5.37E-11	6.24E-06	1.59E-07	4.09E-03	0.00E+00	3.07E-02	7.53E-11	3.07E-02	3.48E-02	4.09E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
UN31TN	5.62E-04	2.51E-01	4.67E-02	2.05E-01	0.00E+00	0.00E+00	2.90E+00	2.77E-06	2.67E-04	1.67E-03	0.00E+00	4.91E-03	2.22E-08	6.49E-10	3.05E-02	5.36E-04	1.74E-02	1.02E-03	3.56E-04	8.42E-02	1.92E+00	0.00E+00	2.58E-09	3.36E-09	3.89E-04	1.00E-05	2.56E-01	0.00E+00	1.92E+00	4.73E-09	1.92E+00	2.17E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-02
UN41B1	9.56E-04	4.27E-01	7.94E-02	3.47E-01	0.00E+00	0.00E+00	4.94E+00	4.72E-06	4.55E-04	2.83E-03	0.00E+00	8.35E-03	3.77E-08	1.11E-09	5.18E-02	9.13E-04	2.94E-02	1.40E-03	6.04E-04	1.43E-01	3.26E+00	0.00E+00	4.40E-09	5.72E-09	6.62E-04	1.70E-05	4.36E-01	0.00E+00	3.26E+00	8.03E-09	3.26E+00	3.70E+00	4.36E-01	0.00E+00	0.00E+00	0.00E+00	2.59E-02
UN41U1	1.31E-03	5.85E-01	1.09E-01	4.76E-01	0.00E+00	0.00E+00	6.78E+00	6.47E-06	6.25E-04	3.89E-03	0.00E+00	1.15E-02	5.19E-08	1.52E-09	7.08E-02	1.25E-03	3.99E-02	1.40E-03	8.26E-04	1.95E-01	4.48E+00	0.00E+00	6.04E-09	7.84E-09	9.09E-04	2.33E-05	5.98E-01	0.00E+00	4.48E+00	1.10E-08	4.48E+00	5.07E+00	5.98E-01	0.00E+00	0.00E+00	0.00E+00	3.55E-02
UN51TN	1.03E-03	4.61E-01	8.60E-02	3.75E-01	0.00E+00	0.00E+00	5.35E+00	5.10E-06	4.92E-04	3.06E-03	0.00E+00	9.04E-03	4.09E-08	1.20E-09	5.58E-02	9.88E-04	3.14E-02	1.02E-03	6.51E-04	1.54E-01	3.53E+00	0.00E+00	4.76E-09	6.18E-09	7.16E-04	1.83E-05	4.71E-01	0.00E+00	3.53E+00	8.67E-09	3.53E+00	4.00E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	2.79E-02
UN61B3	1.55E-03	6.92E-01	1.29E-01	5.62E-01	0.00E+00	0.00E+00	8.03E+00	7.66E-06	7.40E-04	4.60E-03	0.00E+00	1.36E-02	6.14E-08	1.80E-09	8.37E-02	1.49E-03	4.71E-02	1.40E-03	9.77E-04	2.31E-01	5.30E+00	0.00E+00	7.15E-09	9.28E-09	1.08E-03	2.76E-05	7.07E-01	0.00E+00	5.30E+00	1.30E-08	5.30E+00	6.01E+00	7.07E-01	0.00E+00	0.00E+00	0.00E+00	4.19E-02
UN61U3	1.69E-03	7.52E-01	1.41E-01	6.11E-01	0.00E+00	0.00E+00	8.74E+00	8.33E-06	8.04E-04	5.01E-03	0.00E+00	1.48E-02	6.68E-08	1.95E-09	9.10E-02	1.62E-03	5.11E-02	1.40E-03	1.06E-03	2.51E-01	5.76E+00	0.00E+00	7.78E-09	1.01E-08	1.17E-03	3.00E-05	7.69E-01	0.00E+00	5.76E+00	1.42E-08	5.76E+00	6.53E+00	7.69E-01	0.00E+00	0.00E+00	0.00E+00	4.56E-02
UN71B3	1.39E-03	6.21E-01	1.16E-01	5.05E-01	0.00E+00	0.00E+00	7.21E+00	6.88E-06	6.64E-04	4.13E-03	0.00E+00	1.22E-02	5.51E-08	1.61E-09	7.52E-02	1.33E-03	4.24E-02	1.40E-03	8.78E-04	2.07E-01	4.76E+00	0.00E+00	6.42E-09	8.33E-09	9.66E-04	2.47E-05	6.35E-01	0.00E+00	4.76E+00	1.17E-08	4.76E+00	5.39E+00	6.35E-01	0.00E+00	0.00E+00	0.00E+00	3.77E-02
UN71B4	1.39E-03	6.21E-01	1.16E-01	5.05E-01	0.00E+00	0.00E+00	7.21E+00	6.88E-06	6.64E-04	4.13E-03	0.00E+00	1.22E-02	5.51E-08	1.61E-09	7.52E-02	1.33E-03	4.24E-02	1.40E-03	8.78E-04	2.07E-01	4.76E+00	0.00E+00	6.42E-09	8.33E-09	9.66E-04	2.47E-05	6.35E-01	0.00E+00	4.76E+00	1.17E-08	4.76E+00	5.39E+00	6.35E-01	0.00E+00	0.00E+00	0.00E+00	3.77E-02
UN81B3	1.57E-03	6.97E-01	1.30E-01	5.67E-01	0.00E+00	0.00E+00	8.10E+00	7.72E-06	7.46E-04	4.64E-03	0.00E+00	1.37E-02	6.19E-08	1.81E-09	8.44E-02	1.50E-03	4.74E-02	1.40E-03	9.84E-04	2.33E-01	5.34E+00	0.00E+00	7.21E-09	9.35E-09	1.08E-03	2.78E-05	7.13E-01	0.00E+00	5.34E+00	1.31E-08	5.34E+00	6.05E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	4.23E-02
UN81B4	1.57E-03	6.97E-01	1.30E-01	5.67E-01	0.00E+00	0.00E+00	8.10E+00	7.72E-06	7.46E-04	4.64E-03	0.00E+00	1.37E-02	6.19E-08	1.81E-09	8.44E-02	1.50E-03	4.74E-02	1.40E-03	9.84E-04	2.33E-01	5.34E+00	0.00E+00	7.21E-09	9.35E-09	1.08E-03	2.78E-05	7.13E-01	0.00E+00	5.34E+00	1.31E-08	5.34E+00	6.05E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	4.23E-02
US31A3R1	5.51E-04	2.44E-01	4.60E-02	1.98E-01	0.00E+00	0.00E+00	2.86E+00	2.72E-06	2.63E-04	1.63E-03	0.00E+00	4.83E-03	2.18E-08	6.38E-10	2.95E-02	5.28E-04	1.63E-02	0.00E+00	3.44E-04	8.12E-02	1.88E+00	0.00E+00	2.54E-09	3.29E-09	3.82E-04	9.74E-06	2.51E-01	0.00E+00	1.88E+00	4.61E-09	1.88E+00	2.13E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	1.48E-02
UT12PN	2.48E-04	1.11E-01	2.06E-02	9.02E-02	0.00E+00	0.00E+00	1.28E+00	1.22E-06	1.18E-04	7.35E-04	0.00E+00	2.16E-03	9.78E-09	2.86E-10	1.34E-02	2.36E-04	7.66E-03	4.10E-04	1.57E-04	3.71E-02	8.46E-01	0.00E+00	1.14E-09	1.48E-09	1.72E-04	4.41E-06	1.13E-01	0.00E+00	8.46E-01	2.08E-09	8.46E-01	9.59E-01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	6.73E-03
UW31V	6.76E-04	3.00E-01	5.64E-02	2.43E-01	0.00E+00	0.00E+00	3.50E+00	3.33E-06	3.22E-04	2.00E-03	0.00E+00	5.92E-03	2.68E-08	7.83E-10	3.62E-02	6.48E-04	2.00E-02	0.00E+00	4.22E-04	9.96E-02	2.31E+00	0.00E+00	3.12E-09	4.03E-09	4.69E-04	1.20E-05	3.08E-01	0.00E+00	2.31E+00	5.65E-09	2.31E+00	2.61E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	1.81E-02
UW41U	8.67E-04	3.85E-01	7.24E-02	3.12E-01	0.00E+00	0.00E+00	4.50E+00	4.28E-06	4.14E-04	2.57E-03	0.00E+00	7.61E-03	3.44E-08	1.01E-09	4.65E-02	8.32E-04	2.57E-02	0.00E+00	5.42E-04	1.28E-01	2.96E+00	0.00E+00	4.00E-09	5.18E-09	6.02E-04	1.53E-05	3.95E-01	0.00E+00	2.96E+00	7.26E-09	2.96E+00	3.35E+00	3.95E-01	0.00E+00	0.00E+00	0.00E+00	2.33E-02
UW51U	1.08E-03	4.79E-01	9.03E-02	3.89E-01	0.00E+00	0.00E+00	5.61E+00	5.33E-06	5.16E-04	3.21E-03	0.00E+00	9.48E-03	4.29E-08	1.25E-09	5.79E-02	1.04E-03	3.20E-02	0.00E+00	6.75E-04	1.59E-01	3.69E+00	0.00E+00	4.98E-09	6.45E-09	7.50E-04	1.91E-05	4.92E-01	0.00E+00	3.69E+00	9.05E-09	3.69E+00	4.18E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	2.90E-02
UW51UA	1.08E-03	4.79E-01	9.03E-02	3.89E-01	0.00E+00	0.00E+00	5.61E+00	5.33E-06	5.16E-04	3.21E-03	0.00E+00	9.48E-03	4.29E-08	1.25E-09	5.79E-02	1.04E-03	3.20E-02	0.00E+00	6.75E-04	1.59E-01	3.69E+00	0.00E+00	4.98E-09	6.45E-09	7.50E-04	1.91E-05	4.92E-01	0.00E+00	3.69E+00	9.05E-09	3.69E+00	4.18E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	2.90E-02
UW51V	1.08E-03	4.79E-01	9.03E-02	3.89E-01	0.00E+00	0.00E+00	5.61E+00	5.33E-06	5.16E-04	3.21E-03	0.00E+00	9.48E-03	4.29E-08	1.25E-09	5.79E-02	1.04E-03	3.20E-02	0.00E+00	6.75E-04	1.59E-01	3.69E+00	0.00E+00	4.98E-09	6.45E-09	7.50E-04	1.91E-05	4.92E-01	0.00E+00	3.69E+00	9.05E-09	3.69E+00	4.18E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	2.90E-02
UW61U	1.08E-03	4.81E-01	9.05E-02	3.90E-01	0.00E+00	0.00E+00	5.62E+00	5.34E-06	5.17E-04	3.21E-03	0.00E+00	9.50E-03	4.30E-08	1.26E-09	5.80E-02	1.04E-03	3.20E-02	0.00E+00	6.77E-04	1.60E-01	3.70E+00	0.00E+00	5.00E-09	6.47E-09	7.51E-04	1.92E-05	4.93E-01	0.00E+00	3.70E+00	9.07E-09	3.70E+00	4.19E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	2.91E-02
UW61UA	1.08E-03	4.79E-01	9.03E-02	3.89E-01	0.00E+00	0.00E+00	5.61E+00	5.33E-06	5.16E-04	3.21E-03	0.00E+00	9.48E-03	4.29E-08	1.25E-09	5.79E-02	1.04E-03	3.20E-02	0.00E+00	6.75E-04	1.59E-01	3.69E+00	0.00E+00	4.98E-09	6.45E-09	7.50E-04	1.91E-05	4.92E-01	0.00E+00	3.69E+00	9.05E-09	3.69E+00	4.18E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	2.90E-02
UW61V	1.08E-03	4.79E-01	9.03E-02	3.89E-01	0.00E+00	0.00E+00	5.61E+00	5.33E-06	5.16E-04	3.21E-03	0.00E+00	9.48E-03	4.29E-08	1.25E-09	5.79E-02	1.04E-03	3.20E-02	0.00E+00	6.75E-04	1.59E-01	3.69E+00	0.00E+00	4.98E-09	6.45E-09	7.50E-04	1.91E-05	4.92E-01	0.00E+00	3.69E+00	9.05E-09	3.69E+00	4.18E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	2.90E-02
UW61VA	1.08E-03	4.79E-01	9.03E-02	3.89E-01	0.00E+00	0.00E+00	5.61E+00	5.33E-06	5.16E-04	3.21E-03	0.00E+00	9.48E-03	4.29E-08	1.25E-09	5.79E-02	1.04E-03	3.20E-02	0.00E+00	6.75E-04	1.59E-01	3.69E+00	0.00E+00	4.98E-09	6.45E-09	7.50E-04	1.91E-05	4.92E-01	0.00E+00	3.69E+00	9.05E-09	3.69E+00	4.18E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	2.90E-02
UW71U	1.25E-03	5.52E-01	1.04E-01	4.48E-01	0.00E+00	0.00E+00	6.46E+00	6.14E-06	5.94E-04	3.69E-03	0.00E+00	1.09E-02	4.94E-08	1.44E-09	6.67E-02	1.19E-03	3.68E-02	0.00E+00	7.78E-04	1.84E-01	4.25E+00	0.00E+00	5.74E-09	7.44E-09	8.64E-04	2.20E-05	5.67E-01	0.00E+00	4.25E+00	1.04E-08	4.25E+00	4.82E+00	5.67E-01	0.00E+00	0.00E+00	0.00E+00	3.34E-02
UW71V	1.25E-03	5.55E-01	1.04E-01	4.50E-01	0.00E+00	0.00E+00	6.48E+00	6.16E-06	5.97E-04	3.71E-03	0.00E+00	1.10E-02	4.96E-08	1.45E-09	6.70E-02	1.20E-03	3.70E-02	0.00E+00	7.81E-04	1.84E-01	4.27E+00	0.00E+00	5.77E-09	7.47E-09	8.67E-04	2.21E-05	5.69E-01	0.00E+00	4.27E+00	1.05E-08	4.27E+00	4.84E+00	5.69E-01	0.00E+00	0.00E+00	0.00E+00	3.35E-02
UW71VA	1.25E-03	5.52E-01	1.04E-01	4.48E-01	0.00E+00	0.00E+00	6.46E+00	6.14E-06	5.94E-04	3.69E-03	0.00E+00	1.09E-02	4.94E-08	1.44E-09	6.67E-02	1.19E-03	3.68E-02	0.00E+00	7.78E-04	1.84E-01	4.25E+00	0.00E+00	5.74E-09	7.44E-09	8.64E-04	2.20E-05	5.67E-01	0.00E+00	4.25E+00	1.04E-08	4.25E+00	4.82E+00	5.67E-01	0.00E+00	0.00E+00	0.00E+00	3.34E-02
UY01R1S	4.44E-04	2.06E-01	3.57E-02	1.70E-01	0.00E+00	0.00E+00	2.23E+00	2.20E-06	2.07E-04	1.31E-03	0.00E+00	3.79E-03	1.70E-08	5.04E-10	2.56E-02	4.10E-04	1.68E-02	4.58E-03	3.00E-04	7.13E-02	1.52E+00	0.00E+00	2.01E-09	2.67E-09	3.05E-04	8.12E-06	2.04E-01	0.00E+00	1.52E+00	3.81E-09	1.52E+00	1.72E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	1.29E-02
UY02R2N	1.03E-03	4.63E-01	8.56E-02	3.77E-01	0.00E+00	0.00E+00	5.32E+00	5.10E-06	4.91E-04	3.06E-03	0.00E+00	9.01E-03	4.07E-08	1.19E-09	5.62E-02	9.84E-04	3.24E-02	2.29E-03	6.57E-04	1.55E-01	3.53E+00	0.00E+00	4.75E-09	6.18E-09	7.15E-04	1.84E-05	4.71E-01	0.00E+00	3.53E+00	8.70E-09	3.53E+00	4.00E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	2.82E-02
UY02R2S	1.05E-03	4.69E-01	8.68E-02	3.82E-01	0.00E+00	0.00E+00	5.40E+00	5.17E-06	4.97E-04	3.10E-03	0.00E+00	9.13E-03	4.12E-08	1.21E-09	5.70E-02	9.97E-04	3.28E-02	2.29E-03	6.65E-04	1.57E-01	3.57E+00	0.00E+00	4.81E-09	6.26E-09	7.25E-04	1.87E-05	4.78E-01	0.00E+00	3.57E+00	8.81E-09	3.57E+00	4.05E+00	4.78E-01	0.00E+00	0.00E+00	0.00E+00	2.86E-02
UY31J1N	1.03E-03	4.57E-01	8.60E-02	3.71E-01	0.00E+00	0.00E+00	5.34E+00	5.08E-06	4.92E-04	3.06E-03	0.00E+00	9.03E-03	4.09E-08	1.19E-09	5.52E-02	9.88E-04	3.05E-02	0.00E+00	6.43E-04	1.52E-01	3.52E+00	0.00E+00	4.75E-09	6.15E-09	7.15E-04	1.82E-05	4.69E-01	0.00E+00	3.52E+00	8.62E-09	3.52E+00	3.98E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	2.76E-02
UY32A3N	1.66E-03	7.38E-01	1.39E-01	5.99E-01	0.00E+00	0.00E+00	8.62E+00	8.20E-06	7.94E-04	4.93E-03	0.00E+00	1.46E-02	6.60E-08	1.93E-09	8.91E-02	1.60E-03	4.92E-02	0.00E+00	1.04E-03	2.45E-01	5.67E+00	0.00E+00	7.67E-09	9.93E-09	1.15E-03	2.94E-05	7.57E-01	0.00E+00	5.67E+00	1.39E-08	5.67E+00	6.43E+00	7.57E-01	0.00E+00	0.00E+00	0.00E+00	4.46E-02
UZ005	2.18E-04	1.01E-01	1.76E-02	8.34E-02	0.00E+00	0.00E+00	1.10E+00	1.08E-06	1.02E-04	6.44E-04	0.00E+00	1.87E-03	8.38E-09	2.48E-10	1.25E-02	2.03E-04	8.10E-03	2.05E-03	1.47E-04	3.48E-02	7.46E-01	0.00E+00	9.92E-10	1.31E-09	1.50E-04	3.99E-06	1.00E-01	0.00E+00	7.46E-01	1.87E-09	7.46E-01	8.46E-01	1.00E-01	0.00E+00	0.00E+00	0.00E+00	6.30E-03
UZ25V2	1.58E-04	7.01E-02	1.32E-02	5.69E-02	0.00E+00	0.00E+00	8.20E-01	7.79E-07	7.54E-05	4.69E-04	0.00E+00	1.39E-03	6.27E-09	1.83E-10	8.46E-03	1.52E-04	4.67E-03	0.00E+00	9.87E-05	2.33E-02	5.39E-01	0.00E+00	7.29E-10	9.44E-10	1.10E-04	2.80E-06	7.19E-02	0.00E+00	5.39E-01	1.32E-09	5.39E-01	6.11E-01	7.19E-02	0.00E+00	0.00E+00	0.00E+00	4.24E-03
VZ00AS	2.05E-04	9.45E-02	1.65E-02	7.79E-02	0.00E+00	0.00E+00	1.03E+00	1.01E-06	9.57E-05	6.03E-04	0.00E+00	1.75E-03	7.86E-09	2.33E-10	1.17E-02	1.90E-04	7.52E-03	1.84E-03	1.37E-04	3.25E-02	6.99E-01	0.00E+00	9.29E-10	1.23E-09	1.41E-04	3.73E-06	9.38E-02	0.00E+00	6.99E-01	1.75E-09	6.99E-01	7.92E-01	9.38E-02	0.00E+00	0.00E+00	0.00E+00	5.88E-03
VZ413	3.74E-06	1.66E-03	3.12E-04	1.35E-03	0.00E+00	0.00E+00	1.94E-02	1.84E-08	1.78E-06	1.11E-05	0.00E+00	3.28E-05	1.48E-10	4.33E-12	2.01E-04	3.58E-06	1.11E-04	9.84E-07	2.34E-06	5.53E-04	1.28E-02	0.00E+00	1.72E-11	2.23E-11	2.59E-06	6.62E-08	1.70E-03	0.00E+00	1.28E-02	3.13E-11	1.28E-02	1.45E-02	1.70E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-04
VZ415	4.78E-06	2.67E-03	3.20E-04	2.35E-03	0.00E+00	0.00E+00	2.06E-02	2.43E-08	1.99E-06	1.36E-05	0.00E+00	3.56E-05	1.52E-10	4.89E-12	3.63E-04	3.67E-06	3.58E-04	2.72E-04	4.33E-06	1.05E-03	1.64E-02	0.00E+00	2.00E-11	2.95E-11	3.13E-06	1.01E-07	2.27E-03	0.00E+00	1.64E-02	4.58E-11	1.64E-02	1.87E-02	2.27E-03	0.00E+00	0.00E+00	0.00E+00	1.86E-04
FZ8935RMA	1.39E-06	6.16E-04	1.16E-04	5.00E-04	0.00E+00	0.00E+00	7.20E-03	6.84E-09	6.63E-07	4.12E-06	0.00E+00	1.22E-05	5.51E-11	1.61E-12	7.44E-05	1.33E-06	4.11E-05	0.00E+00	8.67E-07	2.05E-04	4.74E-03	0.00E+00	6.40E-12	8.29E-12	9.63E-07	2.46E-08	6.32E-04	0.00E+00	4.74E-03	1.16E-11	4.74E-03	5.37E-03	6.32E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05
FWB52S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8960RMA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8985RMA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8911RMA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8913RMA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8916RMA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

FZ8935ESA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8960ESA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8985ESA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8911ESA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8913ESA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8916ESA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8935RRA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8960RRA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8985RRA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8911RRA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8913RRA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8916RRA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8935RLA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8960RLA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8985RLA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8911RLA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8913RLA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8916RLA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ912XE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FG22WD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FG23WD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FG24WD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FG24XD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FG25WD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FG26WD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FG26XD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FL220Z	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FL53SPX01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FL73S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FL73SP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FL74SPX01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP03SN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP04SN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP05SN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP22TN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP23SN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP23TN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP24S1N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP24SN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP24TN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP25TN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP42QT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP62QS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP63QS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP64QS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP72QS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP72SN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP73SN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP74QS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP74QT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP82QS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP82SN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP83QT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP83SN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP83TN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP84QT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP84SN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP92QS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP92SN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP93QS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP93SN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP94QS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP94SN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FP95SN2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR22E1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR22E2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR22G1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR22H2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR22S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR22S2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR23E1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR23E2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR23G1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR23G2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR23H1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR23H2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR23S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR23S2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR24E1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR24E2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR24G1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR24G2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

FR24H1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR24H2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR24S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR24S2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR25E1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR25E2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR25G1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR25G2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR25H2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR25S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR25S2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR26G1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR26G2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR26H2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR26S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR26S2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR42E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR52E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR62E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR63E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR72E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR73E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR74E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR75E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR83E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR84E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR85E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR92E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR92S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR93E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR93G	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR93S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR94E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR94S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR95E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FR95S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW324FT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW324WT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW424FT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW424WT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW436WT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW524FT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW524WT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW536FT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW624FT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW624WT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW636FT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB31D1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB31S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB32D1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB32M2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB32S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB34S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB41D1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB41S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB42D1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB42K1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB42K5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB42M2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB42P2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB42S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB43S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB44S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB51D1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB51S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB51T1S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB52D1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB52K1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB52K5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB52M2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB52N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB52N3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB52P2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB53K1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB53N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB53N3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB53S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB54S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB61D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB61S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB62D1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB62K1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Use B1-B7	FWB62K5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB62M2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB62N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB62N3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB62S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB63D1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB63K1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB63K5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB63N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB63N3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB63S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB64N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB64N3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB64S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB71D1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB71S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB72K1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB72K5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB72M2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB72N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB72N3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB72S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB73N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB73N3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB74N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB74N3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB74S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB81D1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWB81S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWQ32P1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWQ41P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWQ42P1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWQ43P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWQ44P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWQ51P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWQ52P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWQ52P1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWQ53P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWQ54P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWQ62P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWQ63P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWQ64P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWQ74P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU31L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU31S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU31S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU32L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU32M2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU32S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU33S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU41L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU41S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU41S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU42K	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU42K1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU42K2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU42K3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU42L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU42M2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU42S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU43K	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU43S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU51L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU51S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU51S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU52K	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU52K1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU52K2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU52K3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU52L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU52M2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU52S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU52S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU53D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU53K	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU53L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU61L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU61S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU62K	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU62K1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU62K2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FWU62L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

FWU62M2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU62M3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU62N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU62S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU62S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU63N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU63S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU63S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU71L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU71S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU71S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU72K1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU72L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU72M2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU72N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU72S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU73D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU73L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU73N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU73S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWU73S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ005N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ006N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ010N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ011N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ014N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ021N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ026N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ402	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ403	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ708D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
HK1000AB	3.06E-02	5.56E+00	1.02E-02	5.55E+00	0.00E+00	0.00E+00	1.05E+01	1.46E-05	3.47E-03	5.57E-02	0.00E+00	2.44E-01	6.99E-10	1.67E-08	7.99E+00	1.54E-01	0.00E+00	0.00E+00	1.00E-02	9.38E-01	1.40E+02	0.00E+00	2.69E-08	2.29E-07	1.09E-02	2.15E-04	3.71E+01	0.00E+00	1.40E+02	1.97E-06	1.40E+02	1.77E+02	3.71E+01	0.00E+00	0.00E+00	0.00E+00	4.26E-01
JP002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
JP011	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
JP015	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
KU33AHE	3.47E-01	6.78E+01	1.25E-01	6.77E+01	0.00E+00	0.00E+00	1.28E+02	1.79E-04	4.23E-02	6.80E-01	0.00E+00	2.97E+00	8.53E-09	2.04E-07	9.75E+01	1.88E+00	0.00E+00	0.00E+00	1.22E-01	1.14E+01	1.71E+03	0.00E+00	3.29E-07	2.80E-06	1.33E-01	2.63E-03	4.53E+02	0.00E+00	1.71E+03	2.40E-05	1.71E+03	2.16E+03	4.53E+02	0.00E+00	0.00E+00	0.00E+00	5.19E+00
KU33AHZ	3.47E+00	6.78E+02	1.25E+00	6.77E+02	0.00E+00	0.00E+00	1.28E+03	1.79E-03	4.23E-01	6.80E+00	0.00E+00	2.97E+01	8.53E-08	2.04E-06	9.75E+02	1.88E+01	0.00E+00	0.00E+00	1.22E+00	1.14E+02	1.71E+04	0.00E+00	3.29E-06	2.80E-05	1.33E+00	2.63E-02	4.53E+03	0.00E+00	1.71E+04	2.40E-04	1.71E+04	2.16E+04	4.53E+03	0.00E+00	0.00E+00	0.00E+00	5.19E+01
KU33LHE	3.47E-01	6.78E+01	1.25E-01	6.77E+01	0.00E+00	0.00E+00	1.28E+02	1.79E-04	4.23E-02	6.80E-01	0.00E+00	2.97E+00	8.53E-09	2.04E-07	9.75E+01	1.88E+00	0.00E+00	0.00E+00	1.22E-01	1.14E+01	1.71E+03	0.00E+00	3.29E-07	2.80E-06	1.33E-01	2.63E-03	4.53E+02	0.00E+00	1.71E+03	2.40E-05	1.71E+03	2.16E+03	4.53E+02	0.00E+00	0.00E+00	0.00E+00	5.19E+00
KU33OHZGB	3.47E+00	6.78E+02	1.25E+00	6.77E+02	0.00E+00	0.00E+00	1.28E+03	1.79E-03	4.23E-01	6.80E+00	0.00E+00	2.97E+01	8.53E-08	2.04E-06	9.75E+02	1.88E+01	0.00E+00	0.00E+00	1.22E+00	1.14E+02	1.71E+04	0.00E+00	3.29E-06	2.80E-05	1.33E+00	2.63E-02	4.53E+03	0.00E+00	1.71E+04	2.40E-04	1.71E+04	2.16E+04	4.53E+03	0.00E+00	0.00E+00	0.00E+00	5.19E+01
KU33VGAZ	3.47E+00	6.78E+02	1.25E+00	6.77E+02	0.00E+00	0.00E+00	1.28E+03	1.79E-03	4.23E-01	6.80E+00	0.00E+00	2.97E+01	8.53E-08	2.04E-06	9.75E+02	1.88E+01	0.00E+00	0.00E+00	1.22E+00	1.14E+02	1.71E+04	0.00E+00	3.29E-06	2.80E-05	1.33E+00	2.63E-02	4.53E+03	0.00E+00	1.71E+04	2.40E-04	1.71E+04	2.16E+04	4.53E+03	0.00E+00	0.00E+00	0.00E+00	5.19E+01
KU33VGLZ	3.47E+00	6.78E+02	1.25E+00	6.77E+02	0.00E+00	0.00E+00	1.28E+03	1.79E-03	4.23E-01	6.80E+00	0.00E+00	2.97E+01	8.53E-08	2.04E-06	9.75E+02	1.88E+01	0.00E+00	0.00E+00	1.22E+00	1.14E+02	1.71E+04	0.00E+00	3.29E-06	2.80E-05	1.33E+00	2.63E-02	4.53E+03	0.00E+00	1.71E+04	2.40E-04	1.71E+04	2.16E+04	4.53E+03	0.00E+00	0.00E+00	0.00E+00	5.19E+01
KU40XXE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
KU73S20	7.74E-01	1.51E+02	2.78E-01	1.51E+02	0.00E+00	0.00E+00	2.85E+02	3.98E-04	9.43E-02	1.51E+00	0.00E+00	6.62E+00	1.90E-08	4.54E-07	2.17E+02	4.18E+00	0.00E+00	0.00E+00	2.72E-01	2.55E+01	3.81E+03	0.00E+00	7.32E-07	6.23E-06	2.97E-01	5.85E-03	1.01E+03	0.00E+00	3.81E+03	5.34E-05	3.81E+03	4.82E+03	1.01E+03	0.00E+00	0.00E+00	0.00E+00	1.16E+01
KU73S50	1.16E+00	2.27E+02	4.18E-01	2.27E+02	0.00E+00	0.00E+00	4.29E+02	5.98E-04	1.42E-01	2.28E+00	0.00E+00	9.95E+00	2.85E-08	6.82E-07	3.26E+02	6.28E+00	0.00E+00	0.00E+00	4.09E-01	3.83E+01	5.73E+03	0.00E+00	1.10E-06	9.36E-06	4.46E-01	8.80E-03	1.52E+03	0.00E+00	5.73E+03	8.03E-05	5.73E+03	7.25E+03	1.52E+03	0.00E+00	0.00E+00	0.00E+00	1.74E+01
KU73S60	1.78E+00	3.48E+02	6.40E-01	3.47E+02	0.00E+00	0.00E+00	6.57E+02	9.16E-04	2.17E-01	3.49E+00	0.00E+00	1.53E+01	4.37E-08	1.05E-06	5.00E+02	9.63E+00	0.00E+00	0.00E+00	6.26E-01	5.87E+01	8.78E+03	0.00E+00	1.69E-06	1.43E-05	6.83E-01	1.35E-02	2.32E+03	0.00E+00	8.78E+03	1.23E-04	8.78E+03	1.11E+04	2.32E+03	0.00E+00	0.00E+00	0.00E+00	2.67E+01
KU76S20	5.67E-01	1.11E+02	2.04E-01	1.10E+02	0.00E+00	0.00E+00	2.09E+02	2.91E-04	6.90E-02	1.11E+00	0.00E+00	4.85E+00	1.39E-08	3.32E-07	1.59E+02	3.06E+00	0.00E+00	0.00E+00	1.99E-01	1.87E+01	2.79E+03	0.00E+00	5.36E-07	4.56E-06	2.17E-01	4.29E-03	7.39E+02	0.00E+00	2.79E+03	3.91E-05	2.79E+03	3.53E+03	7.39E+02	0.00E+00	0.00E+00	0.00E+00	8.47E+00
KU83CHZGB	3.47E+00	6.78E+02	1.25E+00	6.77E+02	0.00E+00	0.00E+00	1.28E+03	1.79E-03	4.23E-01	6.80E+00	0.00E+00	2.97E+01	8.53E-08	2.04E-06	9.75E+02	1.88E+01	0.00E+00	0.00E+00	1.22E+00	1.14E+02	1.71E+04	0.00E+00	3.29E-06	2.80E-05	1.33E+00	2.63E-02	4.53E+03	0.00E+00	1.71E+04	2.40E-04	1.71E+04	2.16E+04	4.53E+03	0.00E+00	0.00E+00	0.00E+00	5.19E+01
U961N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U96N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U97N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UC11BA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UC12BA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UC21LH0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UC21LH1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UC21ST0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UC21TR2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UC22BA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UC22PEN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UC22RK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UC31LE3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UC32RK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UC34BA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UC44BA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD01F1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD01F2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD02F1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD02F2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD11A1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD11B1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD11C1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD11F1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD12A1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD12B1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD12B2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD12B4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD12F1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD13A1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD13B1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD13B2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD21A1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD21A1-LG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD21B1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

UD21B5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD21C1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD21D2B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD21F1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD22F1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD22G1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD31A1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD31B1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD31C1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD31M1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD32A1N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD32F1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD33A1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD33B1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD41B1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD41M1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UD42B1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UE11E0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UE21A0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UE21D1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UE21D3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UE21E0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UE21E2B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UE21E5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UE22E0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UE22E5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UE22PEN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UE31E2B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UE52K4N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UG41T2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UG81S3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UK21A3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UK21LH0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UK21LH1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UK21R1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UK21S1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UK31C2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UL25B9	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UM00H1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UM00H2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UM00K1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UM00K2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UM00M0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UM00M1	2.93E-01	5.71E+01	1.05E-01	5.70E+01	0.00E+00	0.00E+00	1.08E+02	1.50E-04	3.56E-02	5.73E-01	0.00E+00	2.50E+00	7.18E-09	1.72E-07	8.21E+01	1.58E+00	0.00E+00	0.00E+00	1.03E-01	9.64E+00	1.44E+03	0.00E+00	2.77E-07	2.36E-06	1.12E-01	2.21E-03	3.81E+02	0.00E+00	1.44E+03	2.02E-05	1.44E+03	1.82E+03	3.81E+02	0.00E+00	0.00E+00	4.37E+00
UM00M2	2.93E-01	5.71E+01	1.05E-01	5.70E+01	0.00E+00	0.00E+00	1.08E+02	1.50E-04	3.56E-02	5.73E-01	0.00E+00	2.50E+00	7.18E-09	1.72E-07	8.21E+01	1.58E+00	0.00E+00	0.00E+00	1.03E-01	9.64E+00	1.44E+03	0.00E+00	2.77E-07	2.36E-06	1.12E-01	2.21E-03	3.81E+02	0.00E+00	1.44E+03	2.02E-05	1.44E+03	1.82E+03	3.81E+02	0.00E+00	0.00E+00	4.37E+00
UM41UK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UM51UK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UM61UK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UM71UK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN04A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN05A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN06A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN07A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN08A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN09A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN10A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN11A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN12A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN13A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN31TN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN41B1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN41U1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN51TN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN61B3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN61U3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN71B3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN71B4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN81B3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UN81B4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
US31A3R1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UT12PN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UW31V	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UW41U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UW51U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UW51UA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UW51V	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UW61U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UW61UA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UW61V	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UW61VA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UW71U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UW71V	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

UW71VA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UY01R1S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UY02R2N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UY02R2S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UY31J1N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UY32A3N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UZ005	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UZ25V2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ00AS	2.93E-01	5.71E+01	1.05E-01	5.70E+01	0.00E+00	0.00E+00	1.08E+02	1.50E-04	3.56E-02	5.73E-01	0.00E+00	2.50E+00	7.18E-09	1.72E-07	8.21E+01	1.58E+00	0.00E+00	0.00E+00	1.03E-01	9.64E+00	1.44E+03	0.00E+00	2.77E-07	2.36E-06	1.12E-01	2.21E-03	3.81E+02	0.00E+00	1.44E+03	2.02E-05	1.44E+03	1.82E+03	3.81E+02	0.00E+00	0.00E+00	0.00E+00	4.37E+00
VZ413	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ415	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FZ8935RMA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FWB52S	7.94E-02	2.13E+01	9.27E-01	2.04E+01	0.00E+00	0.00E+00	1.72E+02	3.36E-04	2.23E-02	1.88E-01	0.00E+00	-3.71E-02	2.54E-08	4.32E-07	9.89E-01	3.47E+01	5.42E-04	0.00E+00	1.18E+02	4.97E-01	2.09E+02	0.00E+00	1.62E-06	7.37E-07	4.90E-02	1.43E-05	2.06E+01	0.00E+00	2.09E+02	4.18E-05	2.09E+02	2.29E+02	2.06E+01	0.00E+00	0.00E+00	0.00E+00	4.16E+03
FZ8960RMA	2.05E-03	4.62E-01	3.63E-02	4.25E-01	0.00E+00	0.00E+00	6.48E+00	1.30E-05	3.93E-04	4.32E-03	0.00E+00	-1.82E-03	1.08E-09	1.40E-08	3.44E-02	1.15E+00	0.00E+00	0.00E+00	4.33E+00	2.40E-02	7.05E+00	0.00E+00	5.21E-08	2.29E-08	1.20E-03	6.43E-07	7.34E-01	0.00E+00	7.05E+00	1.41E-06	7.05E+00	7.78E+00	7.34E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+02
FZ8985RMA	2.93E-03	6.69E-01	5.74E-02	6.11E-01	0.00E+00	0.00E+00	9.26E+00	1.85E-05	5.64E-04	6.20E-03	0.00E+00	-3.28E-03	1.54E-09	2.00E-08	4.91E-02	1.64E+00	0.00E+00	0.00E+00	6.18E+00	4.34E-02	1.01E+01	0.00E+00	7.45E-08	3.28E-08	1.73E-03	1.14E-06	1.05E+00	0.00E+00	1.01E+01	1.93E-06	1.01E+01	1.11E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+02
FZ8911RMA	3.81E-03	8.68E-01	7.29E-02	7.95E-01	0.00E+00	0.00E+00	1.20E+01	2.41E-05	7.33E-04	8.06E-03	0.00E+00	-4.05E-03	2.00E-09	2.60E-08	6.39E-02	2.14E+00	0.00E+00	0.00E+00	8.05E+00	5.35E-02	1.31E+01	0.00E+00	9.70E-08	4.27E-08	2.25E-03	1.41E-06	1.36E+00	0.00E+00	1.31E+01	2.54E-06	1.31E+01	1.45E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	2.84E+02
FZ8913RMA	4.69E-03	1.07E+00	8.84E-02	9.78E-01	0.00E+00	0.00E+00	1.48E+01	2.97E-05	9.02E-04	9.93E-03	0.00E+00	-4.81E-03	2.47E-09	3.20E-08	7.87E-02	2.64E+00	0.00E+00	0.00E+00	9.92E+00	6.36E-02	1.62E+01	0.00E+00	1.19E-07	5.26E-08	2.77E-03	1.68E-06	1.68E+00	0.00E+00	1.62E+01	3.15E-06	1.62E+01	1.78E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+02
FZ8916RMA	5.57E-03	1.27E+00	1.04E-01	1.16E+00	0.00E+00	0.00E+00	1.76E+01	3.53E-05	1.07E-03	1.18E-02	0.00E+00	-5.57E-03	2.93E-09	3.80E-08	9.36E-02	3.13E+00	0.00E+00	0.00E+00	1.18E+01	7.37E-02	1.92E+01	0.00E+00	1.42E-07	6.24E-08	3.28E-03	1.95E-06	2.00E+00	0.00E+00	1.92E+01	3.76E-06	1.92E+01	2.12E+01	2.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E+02
FZ8935ESA	1.31E-03	3.01E-01	2.60E-02	2.75E-01	0.00E+00	0.00E+00	4.16E+00	8.33E-06	2.53E-04	2.78E-03	0.00E+00	-1.50E-03	6.91E-10	8.97E-09	2.21E-02	7.39E-01	0.00E+00	0.00E+00	2.78E+00	1.99E-02	4.52E+00	0.00E+00	3.35E-08	1.47E-08	7.75E-04	5.21E-07	4.70E-01	0.00E+00	4.52E+00	8.63E-07	4.52E+00	4.99E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.80E+01
FZ8960ESA	2.20E-03	4.99E-01	4.15E-02	4.58E-01	0.00E+00	0.00E+00	6.95E+00	1.39E-05	4.23E-04	4.65E-03	0.00E+00	-2.27E-03	1.16E-09	1.50E-08	3.69E-02	1.23E+00	0.00E+00	0.00E+00	4.64E+00	3.00E-02	7.56E+00	0.00E+00	5.59E-08	2.46E-08	1.29E-03	7.92E-07	7.87E-01	0.00E+00	7.56E+00	1.47E-06	7.56E+00	8.35E+00	7.87E-01	0.00E+00	0.00E+00	0.00E+00	1.64E+02
FZ8985ESA	3.08E-03	6.97E-01	5.70E-02	6.40E-01	0.00E+00	0.00E+00	9.73E+00	1.95E-05	5.91E-04	6.50E-03	0.00E+00	-3.03E-03	1.62E-09	2.10E-08	5.16E-02	1.73E+00	0.00E+00	0.00E+00	6.50E+00	4.01E-02	1.06E+01	0.00E+00	7.83E-08	3.45E-08	1.81E-03	1.06E-06	1.10E+00	0.00E+00	1.06E+01	2.08E-06	1.06E+01	1.17E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+02
FZ8911ESA	3.96E-03	8.96E-01	7.24E-02	8.24E-01	0.00E+00	0.00E+00	1.25E+01	2.51E-05	7.61E-04	8.36E-03	0.00E+00	-3.79E-03	2.08E-09	2.70E-08	6.64E-02	2.22E+00	0.00E+00	0.00E+00	8.36E+00	5.02E-02	1.36E+01	0.00E+00	1.01E-07	4.43E-08	2.33E-03	1.33E-06	1.42E+00	0.00E+00	1.36E+01	2.69E-06	1.36E+01	1.50E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+02
FZ8913ESA	4.84E-03	1.10E+00	8.79E-02	1.01E+00	0.00E+00	0.00E+00	1.53E+01	3.07E-05	9.30E-04	1.02E-02	0.00E+00	-4.55E-03	2.55E-09	3.30E-08	8.12E-02	2.72E+00	0.00E+00	0.00E+00	1.02E+01	6.03E-02	1.67E+01	0.00E+00	1.23E-07	5.42E-08	2.85E-03	1.60E-06	1.73E+00	0.00E+00	1.67E+01	3.29E-06	1.67E+01	1.84E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	3.61E+02
FZ8916ESA	5.72E-03	1.29E+00	1.03E-01	1.19E+00	0.00E+00	0.00E+00	1.81E+01	3.63E-05	1.10E-03	1.21E-02	0.00E+00	-5.32E-03	3.01E-09	3.90E-08	9.61E-02	3.22E+00	0.00E+00	0.00E+00	1.21E+01	7.05E-02	1.97E+01	0.00E+00	1.46E-07	6.41E-08	3.37E-03	1.88E-06	2.05E+00	0.00E+00	1.97E+01	3.90E-06	1.97E+01	2.18E+01	2.05E+00	0.00E+00	0.00E+00	0.00E+00	4.27E+02
FZ8935RRA	1.24E-03	2.88E-01	2.74E-02	2.61E-01	0.00E+00	0.00E+00	3.92E+00	7.85E-06	2.40E-04	2.64E-03	0.00E+00	-1.77E-03	6.52E-10	8.47E-09	2.08E-02	6.97E-01	0.00E+00	0.00E+00	2.62E+00	2.34E-02	4.27E+00	0.00E+00	3.16E-08	1.39E-08	7.34E-04	6.03E-07	4.43E-01	0.00E+00	4.27E+00	7.74E-07	4.27E+00	4.71E+00	4.43E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
FZ8960RRA	2.12E-03	4.87E-01	4.28E-02	4.44E-01	0.00E+00	0.00E+00	6.71E+00	1.34E-05	4.09E-04	4.50E-03	0.00E+00	-2.53E-03	1.12E-09	1.45E-08	3.56E-02	1.19E+00	0.00E+00	0.00E+00	4.48E+00	3.34E-02	7.31E+00	0.00E+00	5.40E-08	2.38E-08	1.25E-03	8.73E-07	7.60E-01	0.00E+00	7.31E+00	1.38E-06	7.31E+00	8.07E+00	7.60E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
FZ8985RRA	3.00E-03	6.85E-01	5.83E-02	6.26E-01	0.00E+00	0.00E+00	9.49E+00	1.90E-05	5.78E-04	6.36E-03	0.00E+00	-3.29E-03	1.58E-09	2.05E-08	5.04E-02	1.69E+00	0.00E+00	0.00E+00	6.34E+00	4.35E-02	1.03E+01	0.00E+00	7.64E-08	3.36E-08	1.77E-03	1.14E-06	1.07E+00	0.00E+00	1.03E+01	1.99E-06	1.03E+01	1.14E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+02
FZ8911RRA	3.88E-03	8.84E-01	7.38E-02	8.10E-01	0.00E+00	0.00E+00	1.23E+01	2.46E-05	7.47E-04	8.22E-03	0.00E+00	-4.05E-03	2.04E-09	2.65E-08	6.52E-02	2.18E+00	0.00E+00	0.00E+00	8.21E+00	5.36E-02	1.34E+01	0.00E+00	9.89E-08	4.35E-08	2.29E-03	1.41E-06	1.39E+00	0.00E+00	1.34E+01	2.60E-06	1.34E+01	1.48E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	2.90E+02
FZ8913RRA	4.77E-03	1.08E+00	8.93E-02	9.93E-01	0.00E+00	0.00E+00	1.51E+01	3.02E-05	9.17E-04	1.01E-02	0.00E+00	-4.82E-03	2.51E-09	3.25E-08	8.00E-02	2.68E+00	0.00E+00	0.00E+00	1.01E+01	6.37E-02	1.64E+01	0.00E+00	1.21E-07	5.34E-08	2.81E-03	1.69E-06	1.71E+00	0.00E+00	1.64E+01	3.20E-06	1.64E+01	1.81E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	3.56E+02
FZ8916RRA	5.65E-03	1.28E+00	1.05E-01	1.18E+00	0.00E+00	0.00E+00	1.79E+01	3.58E-05	1.09E-03	1.19E-02	0.00E+00	-5.58E-03	2.97E-09	3.85E-08	9.48E-02	3.18E+00	0.00E+00	0.00E+00	1.19E+01	7.38E-02	1.95E+01	0.00E+00	1.44E-07	6.33E-08	3.33E-03	1.96E-06	2.02E+00	0.00E+00	1.95E+01	3.81E-06	1.95E+01	2.15E+01	2.02E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+02
FZ8935RLA	1.24E-03	2.88E-01	2.74E-02	2.61E-01	0.00E+00	0.00E+00	3.92E+00	7.85E-06	2.40E-04	2.64E-03	0.00E+00	-1.77E-03	6.52E-10	8.47E-09	2.08E-02	6.97E-01	0.00E+00	0.00E+00	2.62E+00	2.34E-02	4.27E+00	0.00E+00	3.16E-08	1.39E-08	7.34E-04	6.03E-07	4.43E-01	0.00E+00	4.27E+00	7.74E-07	4.27E+00	4.71E+00	4.43E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
FZ8960RLA	2.12E-03	4.87E-01	4.28E-02	4.44E-01	0.00E+00	0.00E+00	6.71E+00	1.34E-05	4.09E-04	4.50E-03	0.00E+00	-2.53E-03	1.12E-09	1.45E-08	3.56E-02	1.19E+00	0.00E+00	0.00E+00	4.48E+00	3.34E-02	7.31E+00	0.00E+00	5.40E-08	2.38E-08	1.25E-03	8.73E-07	7.60E-01	0.00E+00	7.31E+00	1.38E-06	7.31E+00	8.07E+00	7.60E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
FZ8985RLA	3.00E-03	6.85E-01	5.83E-02	6.26E-01	0.00E+00	0.00E+00	9.49E+00	1.90E-05	5.78E-04	6.36E-03	0.00E+00	-3.29E-03	1.58E-09	2.05E-08	5.04E-02	1.69E+00	0.00E+00	0.00E+00	6.34E+00	4.35E-02	1.03E+01	0.00E+00	7.64E-08	3.36E-08	1.77E-03	1.14E-06	1.07E+00	0.00E+00	1.03E+01	1.99E-06	1.03E+01	1.14E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+02
FZ8911RLA	3.88E-03	8.84E-01	7.38E-02	8.10E-01	0.00E+00	0.00E+00	1.23E+01	2.46E-05	7.47E-04	8.22E-03	0.00E+00	-4.05E-03	2.04E-09	2.65E-08	6.52E-02	2.18E+00	0.00E+00	0.00E+00	8.21E+00	5.36E-02	1.34E+01	0.00E+00	9.89E-08	4.35E-08	2.29E-03	1.41E-06	1.39E+00	0.00E+00	1.34E+01	2.60E-06	1.34E+01	1.48E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	2.90E+02
FZ8913RLA	4.77E-03	1.08E+00	8.93E-02	9.93E-01	0.00E+00	0.00E+00	1.51E+01	3.02E-05	9.17E-04	1.01E-02	0.00E+00	-4.82E-03	2.51E-09	3.25E-08	8.00E-02	2.68E+00	0.00E+00	0.00E+00	1.01E+01	6.37E-02	1.64E+01	0.00E+00	1.21E-07	5.34E-08	2.81E-03	1.69E-06	1.71E+00	0.00E+00	1.64E+01	3.20E-06	1.64E+01	1.81E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	3.56E+02
FZ8916RLA	5.65E-03	1.28E+00	1.05E-01	1.18E+00	0.00E+00	0.00E+00	1.79E+01	3.58E-05	1.09E-03	1.19E-02	0.00E+00	-5.58E-03	2.97E-09	3.85E-08	9.48E-02	3.18E+00	0.00E+00	0.00E+00	1.19E+01	7.38E-02	1.95E+01	0.00E+00	1.44E-07	6.33E-08	3.33E-03	1.96E-06	2.02E+00	0.00E+00	1.95E+01	3.81E-06	1.95E+01	2.15E+01	2.02E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+02
FZ912XE	4.20E-02	8.36E+00	4.43E-01	7.91E+00	0.00E+00	0.00E+00	1.03E+02	2.49E-04	7.06E-03	7.79E-02	0.00E+00	-4.24E-03	4.34E-08	2.42E-07	5.32E-01	2.10E+01	0.00E+00	0.00E+00	1.19E+02	5.71E-02	1.22E+02	0.00E+00	8.27E-07	4.74E-07	2.21E-02	2.20E-06	1.63E+01	0.00E+00	1.22E+02	4.66E-05	1.22E+02	1.38E+02	1.63E+01	0.00E+00	0.00E+00	0.00E+00	4.66E+03
FG22WD	2.78E-01	6.27E+01	4.52E+00	5.81E+01	0.00E+00	0.00E+00	8.22E+02	1.64E-03	5.68E-02	5.89E-01	0.00E+00	-2.09E-01	1.07E-07	1.81E-06	5.16E+00	1.65E+02	6.64E-05	0.00E+00	5.54E+02	2.77E+00	9.47E+02	0.00E+00	6.97E-06	3.08E-06	1.64E-01	7.54E-05	9.52E+01	0.00E+00	9.47E+02	1.88E-04	9.47E+02	1.04E+03	9.52E+01	0.00E+00	0.00E+00	0.00E+00	1.95E+04
FG23WD	3.61E-01	8.10E+01	5.60E+00	7.54E+01	0.00E+00	0.00E+00	1.08E+03	2.16E-03	7.28E-02	7.64E-01	0.00E+00	-2.35E-01	1.35E-07	2.37E-06	6.54E+00	2.11E+02	6.64E-05	0.00E+00	7.28E+02	3.11E+00	1.23E+03	0.00E+00	9.07E-06	4.00E-06	2.13E-01	8.61E-05	1.25E+02	0.00E+00	1.23E+03	2.50E-04	1.23E+03	1.36E+03	1.25E+02	0.00E+00	0.00E+00	0.00E+00	2.56E+04
FG24WD	4.85E-01	1.08E+02	7.23E+00	1.00E+02	0.00E+00	0.00E+00	1.45E+03	2.91E-03	9.92E-02	1.02E+00	0.00E+00	-2.79E-01	1.76E-07	3.21E-06	8.54E+00	2.79E+02	6.80E-05	0.00E+00	9.81E+02	3.71E+00	1.64E+03	0.00E+00	1.21E-05	5.35E-06	2.84E-01	1.04E-04	1.68E+02	0.00E+00	1.64E+03	3.38E-04	1.64E+03	1.81E+03	1.68E+02	0.00E+00	0.00E+00	0.00E+00	3.46E+04
FG24XD	5.17E-01	1.14E+02	7.62E+00	1.07E+02	0.00E+00	0.00E+00	1.55E+03	3.11E-03	1.05E-01	1.08E+00	0.00E+00	-2.87E-01	1.90E-07	3.42E-06	9.07E+00	2.97E+02	6.80E-05	0.00E+00	1.05E+03	3.81E+00	1.75E+03	0.00E+00	1.29E-05	5.70E-06	3.02E-01	1.07E-04	1.79E+02	0.00E+00	1.75E+03	3.62E-04	1.75E+03	1.93E+03	1.79E+02	0.00E+00	0.00E+00	0.00E+00	3.69E+04
FG25WD	5.53E-01	1.23E+02	8.35E+00	1.15E+02	0.00E+00	0.00E+00	1.66E+03	3.34E-03	1.12E-01	1.16E+00	0.00E+00	-3.31E-01	2.05E-07	3.66E-06	9.67E+00	3.17E+02	6.80E-05	0.00E+00	1.12E+03	4.39E+00	1.87E+03	0.00E+00	1.38E-05	6.10E-06	3.24E-01	1.22E-04	1.92E+02	0.00E+00	1.87E+03	3.85E-04	1.87E+03	2.07E+03	1.92E+02	0.00E+00	0.00E+00	0.00E+00	3.96E+04
FG26WD	6.29E-01	1.37E+02	9.26E+00	1.28E+02	0.00E+00	0.00E+00	1.87E+03	3.81E-03	1.25E-01	1.30E+00	0.00E+00	-3.47E-01	2.61E-07	4.14E-06	1.08E+01	3.58E+02	6.80E-05	0.00E+00	1.32E+03	4.61E+00	2.12E+03	0.00E+00	1.56E-05	6.98E-06	3.65E-01	1.30E-04	2.21E+02	0.00E+00	2.12E+03	4.64E-04	2.12E+03	2.34E+03	2.21E+02	0.00E+00	0.00E+00	0.00E+00	4.71E+04
FG26XD	6.70E-01	1.49E+02	9.87E+00	1.39E+02	0.00E+00	0.00E+00	2.03E+03	4.07E-03	1.35E-01	1.41E+00	0.00E+00	-3.66E-01	2.48E-07	4.45E-06	1.16E+01	3.83E+02	6.80E-05	0.00E+00	1.37E+03	4.85E+00	2.28E+03	0.00E+00	1.68E-05	7.42E-06	3.93E-01	1.37E-04	2.34E+02	0.00E+00	2.28E+03	4.73E-04	2.28E+03	2.51E+03	2.34E+02	0.00E+00	0.00E+00	0.00E+00	4.83E+04
FL220Z	7.76E-04	1.45E-01	2.44E-03	1.43E-01	0.00E+00	0.00E+00	4.03E-01	1.75E-06	1.39E-04	1.58E-03	0.00E+00	3.66E-20	5.27E-11	9.41E-10	6.76E-03	2.46E-01	0.00E+00	0.00E+00	5.95E-01	1.77E-05	2.16E+00	0.00E+00	1.70E-08	8.34E-09	4.85E-04	1.26E-08	1.10E-01	0.00E+00	2.16E+00	1.09E-06	2.16E+00	2.27E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+01
FL53SPX01	4.94E-02	2.78E+01	1.26E+01	1.53E+01	0.00E+00	0.00E+00	1.06E+02	2.13E-04	1.44E-02	1.34E-01	0.00E+00	-1.51E+00	1.92E-08	3.13E-07	7.08E-01	2.18E+01	1.33E-03	0.00E+00	7.29E+01	2.00E+01	1.35E+02	0.00E+00	1.03E-06	4.33E-07	3.40E-02	4.86E-04	1.08E+01	0.00E+00	1.35E+02	-1.41E-04	1.35E+02	1.46E+02	1.08E+01	0.00E+00	0.00E+00	0.00E+00	2.57E+03
FL73S	3.30E-02	3.06E+01	1.61E+01	1.45E+01	0.00E+00	0.00E+00	4.65E+01	8.98E-05	1.25E-02	1.15E-01	0.00E+00	-1.97E+00	9.35E-09	2.02E-07	3.82E-01	1.09E+01	1.33E-03	0.00E+00	3.19E+01	2.60E+01	6.61E+01	0.00E+00	5.29E-07	2.12E-07	2.69E-02	6.33E-04	3.32E+00	0.00E+00	6.61E+01	-2.12E-04	6.61E+01	6.94E+01	3.32E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+03
FL73SP	3.29E-02	3.05E+01	1.61E+01	1.44E+01	0.00E+00	0.00E+00	4.59E+01	8.88E-05	1.25E-02	1.15E-01	0.00E+00	-1.97E+00	9.30E-09	2.01E-07	3.79E-01	1.08E+01	1.33E-03	0.00E+00	3.16E+01	2.60E+01	6.55E+01	0.00E+00	5.25E-07	2.10E-07	2.68E-02	6.33E-04	3.26E+00	0.00E+00	6.55E+01	-2.12E-04	6.55E+01	6.88E+01	3.26E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+03
FL74SPX01	5.93E-02	3.95E+01	1.93E+01	2.02E+01	0.00E+00	0.00E+00	1.19E+02	2.35E-04	1.88E-02	1.71E-01	0.00E+00	-2.34E+00	2.13E-08	3.84E-07	8.47E-01	2.52E+01	1.33E-03	0.00E+00	8.11E+01	3.09E+01	1.52E+02	0.00E+00	1.16E-06	4.81E-07	4.25E-02	7.51E-04	1.13E+01	0.00E+00	1.52E+02	-2.34E-04	1.52E+02	1.63E+02	1.13E+01	0.00E+00	0.00E+00	0.00E+00	2.85E+03
FP03SN2	1.30E-01	3.28E+01	1.60E+00	3.12E+01	0.00E+00	0.00E+00	3.41E+02	6.86E-04	2.72E-02	3.04E-01	0.00E+00	-4.75E-02	3.49E-08	7.44E-07	2.02E+00	6.63E+01	4.52E-04	0.00E+00	2.38E+02	6.36E-01	4.16E+02	0.00E+00	3.16E-06	1.39E-06	8.20E-02	1.93E-05	4.10E+01	0.00E+00	4.16E+02	9.20E-05	4.16E+02	4.57E+02	4.10E+01	0.00E+00	0.00E+00	0.00E+00	8.34E+03
FP04SN2	1.53E-01	3.82E+01	1.96E+00	3.62E+01	0.00E+00	0.00E+00	4.13E+02	8.33E-04	3.18E-02	3.55E-01	0.00E+00	-6.18E-02	4.17E-08	9.01E-07	2.41E+00	7.95E+01	4.52E-04	0.00E+00	2.87E+02	8.25E-01	4.97E+02	0.00E+00	3.76E-06	1.66E-06	9.60E-02	2.46E-05	4.94E+01	0.00E+00	4.97E+02	1.09E-04	4.97E+02	5.47E+02	4.94E+01	0.00E+00	0.00E+00	0.00E+00	1.01E+04
FP05SN2	1.96E-01	4.78E+01	2.52E+00	4.52E+01	0.00E+00	0.00E+00	5.41E+02	1.09E-03	4.01E-02	4.47E-01	0.00E+00	-7.60E-02	5.35E-08	1.18E-06	3.13E+00	1.03E+02	4.52E-04	0.00E+00	3.75E+02	1.01E+00	6.44E+02	0.00E+00	4.85E-06	2.14E-06	1.22E-01	3.05E-05	6.43E+01	0.00E+00	6.44E+02	1.41E-04	6.44E+02	7.08E+02	6.43E+01	0.00E+00	0.00E+00	0.00E+00	1.31E+04
FP22TN2	1.33E-01	3.09E+01	1.63E+00	2.92E+01	0.00E+00	0.00E+00	3.85E+02	7.81E-04	2.64E-02	2.92E-01	0.00E+00	-3.68E-02	4.15E-08	8.37E-07	2.16E+00	7.18E+01	5.68E-04	0.00E+00	2.66E+02	4.96E-01	4.45E+02	0.00E+00	3.33E-06	1.47E-06	8.05E-02	1.61E-05	4.53E+01	0.00E+00	4.45E+02	1.00E-04	4.45E+02	4.90E+02	4.53E+01	0.00E+00	0.00E+00	0.00E+00	9.36E+03
FP23SN2	1.61E-01	3.93E+01	2.07E+00	3.72E+01	0.00E+00	0.00E+00	4.50E+02	9.07E-04	3.29E-02	3.67E-01	0.00E+00	-6.15E-02	4.87E-08	9.80E-07	2.57E+00	8.51E+01	4.52E-04	0.00E+00	3.11E+02	8.22E-01	5.29E+02	0.00E+00	3.98E-06	1.76E-06	9.98E-02	2.48E-05	5.32E+01	0.00E+00	5.29E+02	1.16E-04	5.29E+02	5.83E+02	5.32E+01	0.00E+00	0.00E+00	0.00E+00	1.09E+04
FP23TN2	1.81E-01	4.17E+01	2.28E+00	3.94E+01	0.00E+00	0.00E+00	5.30E+02	1.07E-03	3.57E-02	3.96E-01	0.00E+00	-5.58E-02	5.57E-08	1.15E-06	2.96E+00	9.84E+01	5.68E-04	0.00E+00	3.64E+02	7.48E-01	6.10E+02	0.00E+00	4.55E-06	2.01E-06	1.09E-01	2.37E-05	6.21E+01	0.00E+00	6.10E+02	1.36E-04	6.10E+02	6.72E+02	6.21E+01	0.00E+00	0.00E+00	0.00E+00	1.28E+04
FP24S1N	1.24E-01	3.21E+01	1.77E+00	3.03E+01	0.00E+00	0.00E+00	3.23E+02	6.46E-04	2.62E-02	2.94E-01	0.00E+00	-7.72E-02	3.82E-08	7.05E-07	1.92E+00	6.28E+01	4.91E-04	0.00E+00	2.25E+02	1.03E+00	3.94E+02	0.00E+00	3.00E-06	1.32E-06	7.87E-02	2.87E-05	3.88E+01	0.00E+00	3.94E+02	8.24E-05	3.94E+02	4.33E+02	3.88E+01	0.00E+00	0.00E+00	0.00E+00	7.88E+03
FP24SN2	1.97E-01	4.80E+01	2.56E+00	4.55E+01	0.00E+00	0.00E+00	5.47E+02	1.10E-03	4.02E-02	4.48E-01	0.00E+00	-8.00E-02	5.87E-08	1.19E-06	3.14E+00	1.04E+02	4.52E-04	0.00E+00	3.78E+02	1.07E+00	6.46E+02	0.00E+00	4.86E-06	2.14E-06	1.22E-01	3.18E-05	6.47E+01	0.00E+00	6.46E+02	1.40E-04	6.46E+02	7.10E+02	6.47E+01	0.00E+00	0.00E+00	0.00E+00	1.32E+04
FP24TN2	2.23E-01	5.09E+01	2.80E+00	4.81E+01	0.00E+00	0.00E+00	6.55E+02	1.33E-03	4.38E-02	4.85E-01	0.00E+00	-6.76E-02	6.81E-08	1.42E-06	3.66E+00	1.21E+02	5.68E-04	0.00E+00	4.49E+02	9.06E-01	7.52E+02	0.00E+00	5.61E-06	2.47E-06	1.34E-01	2.87E-05	7.66E+01	0.00E+00	7.52E+02	1.68E-04	7.52E+02	8.29E+02	7.66E+01	0.00E+00	0.00E+00	0.00E+00	1.58E+04
FP25TN2	2.23E-01	5.14E+01	2.90E+00	4.85E+01	0.00E+00	0.00E+00	6.51E+02	1.32E-03	4.41E-02	4.88E-01	0.00E+00	-8.05E-02	6.88E-08	1.41E-06	3.66E+00	1.21E+02	4.52E-04	0.00E+00	4.47E+02	1.08E+00	7.52E+02	0.00E+00	5.62E-06	2.47E-06	1.35E-01	3.28E-05	7.63E+01	0.00E+00	7.52E+02	1.66E-04	7.52E+02	8.28E+02	7.63E+01	0.00E+00	0.00E+00	0.00E+00	1.57E+04
FP42QT	4.15E-02	1.04E+01	7.68E-01	9.60E+00	0.00E+00	0.00E+00	1.08E+02	2.18E-04	8.52E-03	9.51E-02	0.00E+00	-4.75E-02	1.48E-08	2.35E-07	6.53E-01	2.12E+01	5.68E-04	0.00E+00	7.51E+01	6.34E-01	1.35E+02	0.00E+00	1.03E-06	4.49E-07	2.60E-02	1.68E-05	1.30E+01	0.00E+00	1.35E+02	2.75E-05	1.35E+02	1.48E+02	1.30E+01	0.00E+00	0.00E+00	0.00E+00	2.62E+03
FP62QS	5.85E-02	1.46E+01	8.09E-01	1.38E+01	0.00E+00	0.00E+00	1.51E+02	3.04E-04	1.21E-02	1.36E-01	0.00E+00	-3.32E-02	2.08E-08	3.29E-07	9.25E-01	2.98E+01	4.52E-04	0.00E+00	1.05E+02	4.44E-01	1.90E+02	0.00E+00	1.45E-06	6.31E-07	3.68E-02	1.26E-05	1.83E+01	0.00E+00	1.90E+02	4.16E-05	1.90E+02	2.09E+02	1.83E+01	0.00E+00	0.00E+00	0.00E+00	3.67E+03
FP63QS	7.72E-02	1.92E+01	1.10E+00	1.81E+01	0.00E+00	0.00E+00	2.03E+02	4.07E-04	1.60E-02	1.78E-01	0.00E+00	-4.75E-02	2.87E-08	4.41E-07	1.23E+00	3.96E+01	4.52E-04	0.00E+00	1.41E+02	6.34E-01	2.52E+02	0.00E+00	1.92E-06	8.35E-07	4.85E-02	1.78E-05	2.43E+01	0.00E+00	2.52E+02	5.43E-05	2.52E+02	2.76E+02	2.43E+01	0.00E+00	0.00E+00	0.00E+00	4.89E+03
FP64QS	9.58E-02	2.37E+01	1.40E+00	2.23E+01	0.00E+00	0.00E+00	2.53E+02	5.09E-04	1.98E-02	2.21E-01	0.00E+00	-6.18E-02	3.24E-08	5.51E-07	1.53E+00	4.93E+01	4.52E-04	0.00E+00	1.76E+02	8.23E-01	3.13E+02	0.00E+00	2.38E-06	1.04E-06	6.00E-02	2.29E-05	3.04E+01	0.00E+00	3.13E+02	6.70E-05	3.13E+02	3.44E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	6.11E+03
FP72QS	6.67E-02	1.67E+01	8.87E-01	1.58E+01	0.00E+00	0.00E+00	1.74E+02	3.49E-04	1.39E-02	1.55E-01	0.00E+00	-3.32E-02	2.39E-08	3.78E-07	1.05E+00	3.40E+01	4.52E-04	0.00E+00	1.21E+02	4.44E-01	2.16E+02	0.00E+00	1.64E-06	7.18E-07	4.20E-02	1.29E-05	2.09E+01	0.00E+00	2.16E+02	4.74E-05	2.16E+02	2.37E+02	2.09E+01	0.00E+00	0.00E+00	0.00E+00	4.20E+03
FP72SN2	6.91E-02	1.73E+01	9.04E-01	1.64E+01	0.00E+00	0.00E+00	1.77E+02	3.56E-04	1.44E-02	1.62E-01	0.00E+00	-3.32E-02	2.46E-08	3.86E-07	1.09E+00	3.51E+01	4.52E-04	0.00E+00	1.24E+02	4.44E-01	2.24E+02	0.00E+00	1.71E-06	7.44E-07	4.37E-02	1.30E-05	2.14E+01	0.00E+00	2.24E+02	4.93E-05	2.24E+02	2.45E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	4.29E+03
FP73SN2	8.85E-02	2.20E+01	1.21E+00	2.07E+01	0.00E+00	0.00E+00	2.35E+02	4.70E-04	1.83E-02	2.05E-01	0.00E+00	-4.75E-02	3.34E-08	5.09E-07	1.40E+00	4.55E+01	4.52E-04	0.00E+00	1.62E+02	6.35E-01	2.88E+02	0.00E+00	2.19E-06	9.56E-07	5.55E-02	1.81E-05	2.80E+01	0.00E+00	2.88E+02	6.25E-05	2.88E+02	3.16E+02	2.80E+01	0.00E+00	0.00E+00	0.00E+00	5.65E+03
FP74QS	1.09E-01	2.69E+01	1.52E+00	2.54E+01	0.00E+00	0.00E+00	2.90E+02	5.81E-04	2.24E-02	2.50E-01	0.00E+00	-6.18E-02	4.15E-08	6.30E-07	1.73E+00	5.61E+01	4.52E-04	0.00E+00	2.00E+02	8.23E-01	3.55E+02	0.00E+00	2.69E-06	1.17E-06	6.80E-02	2.33E-05	3.46E+01	0.00E+00	3.55E+02	7.62E-05	3.55E+02	3.89E+02	3.46E+01	0.00E+00	0.00E+00	0.00E+00	6.97E+03
FP74QT	1.05E-01	2.50E+01	1.63E+00	2.34E+01	0.00E+00	0.00E+00	2.90E+02	5.85E-04	2.10E-02	2.34E-01	0.00E+00	-7.61E-02	4.15E-08	6.29E-07	1.69E+00	5.51E+01	5.68E-04	0.00E+00	1.99E+02	1.01E+00	3.47E+02	0.00E+00	2.62E-06	1.14E-06	6.42E-02	2.78E-05	3.42E+01	0.00E+00	3.47E+02	7.38E-05	3.47E+02	3.82E+02	3.42E+01	0.00E+00	0.00E+00	0.00E+00	6.97E+03
FP82QS	7.48E-02	1.87E+01	9.65E-01	1.78E+01	0.00E+00	0.00E+00	1.95E+02	3.94E-04	1.56E-02	1.74E-01	0.00E+00	-3.32E-02	1.91E-08	4.26E-07	1.18E+00	3.82E+01	4.52E-04	0.00E+00	1.36E+02	4.45E-01	2.42E+02	0.00E+00	1.84E-06	8.06E-07	4.71E-02	1.31E-05	2.35E+01	0.00E+00	2.42E+02	5.32E-05	2.42E+02	2.66E+02	2.35E+01	0.00E+00	0.00E+00	0.00E+00	4.73E+03
FP82SN2	7.57E-02	1.89E+01	9.75E-01	1.79E+01	0.00E+00	0.00E+00	1.98E+02	3.99E-04	1.58E-02	1.76E-01	0.00E+00	-3.32E-02	1.96E-08	4.32E-07	1.19E+00	3.88E+01	4.52E-04	0.00E+00	1.38E+02	4.45E-01	2.45E+02	0.00E+00	1.86E-06	8.16E-07	4.77E-02	1.32E-05	2.38E+01	0.00E+00	2.45E+02	5.39E-05	2.45E+02	2.69E+02	2.38E+01	0.00E+00	0.00E+00	0.00E+00	4.80E+03
FP83QT	9.32E-02	2.23E+01	1.40E+00	2.09E+01	0.00E+00	0.00E+00	2.58E+02	5.23E-04	1.88E-02	2.09E-01	0.00E+00	-6.19E-02	2.48E-08	5.61E-07	1.50E+00	4.91E+01	5.68E-04	0.00E+00	1.78E+02	8.25E-01	3.09E+02	0.00E+00	2.33E-06	1.02E-06	5.72E-02	2.30E-05	3.05E+01	0.00E+00	3.09E+02	6.62E-05	3.09E+02	3.39E+02	3.05E+01	0.00E+00	0.00E+00	0.00E+00	6.23E+03
FP83SN2	9.85E-02	2.45E+01	1.31E+00	2.32E+01	0.00E+00	0.00E+00	2.61E+02	5.25E-04	2.04E-02	2.28E-01	0.00E+00	-4.75E-02	2.54E-08	5.69E-07	1.56E+00	5.07E+01	4.52E-04	0.00E+00	1.81E+02	6.35E-01	3.20E+02	0.00E+00	2.43E-06	1.06E-06	6.18E-02	1.84E-05	3.13E+01	0.00E+00	3.20E+02	6.97E-05	3.20E+02	3.52E+02	3.13E+01	0.00E+00	0.00E+00	0.00E+00	6.31E+03
FP83TN2	9.46E-02	2.26E+01	1.42E+00	2.12E+01	0.00E+00	0.00E+00	2.62E+02	5.32E-04	1.90E-02	2.12E-01	0.00E+00	-6.18E-02	2.83E-08	5.71E-07	1.52E+00	4.99E+01	5.68E-04	0.00E+00	1.81E+02	8.23E-01	3.14E+02	0.00E+00	2.36E-06	1.04E-06	5.81E-02	2.29E-05	3.11E+01	0.00E+00	3.14E+02	6.74E-05	3.14E+02	3.45E+02	3.11E+01	0.00E+00	0.00E+00	0.00E+00	6.34E+03
FP84QT	1.16E-01	2.76E+01	1.75E+00	2.59E+01	0.00E+00	0.00E+00	3.24E+02	6.57E-04	2.33E-02	2.59E-01	0.00E+00	-7.61E-02	3.09E-08	7.06E-07	1.88E+00	6.16E+01	5.68E-04	0.00E+00	2.24E+02	1.01E+00	3.87E+02	0.00E+00	2.91E-06	1.27E-06	7.12E-02	2.82E-05	3.84E+01	0.00E+00	3.87E+02	8.28E-05	3.87E+02	4.25E+02	3.84E+01	0.00E+00	0.00E+00	0.00E+00	7.83E+03
FP84SN2	1.22E-01	3.02E+01	1.66E+00	2.85E+01	0.00E+00	0.00E+00	3.27E+02	6.59E-04	2.52E-02	2.81E-01	0.00E+00	-6.18E-02	3.15E-08	7.13E-07	1.94E+00	6.33E+01	4.52E-04	0.00E+00	2.27E+02	8.24E-01	3.99E+02	0.00E+00	3.02E-06	1.32E-06	7.63E-02	2.37E-05	3.91E+01	0.00E+00	3.99E+02	8.63E-05	3.99E+02	4.38E+02	3.91E+01	0.00E+00	0.00E+00	0.00E+00	7.91E+03
FP92QS	8.30E-02	2.08E+01	1.04E+00	1.98E+01	0.00E+00	0.00E+00	2.18E+02	4.38E-04	1.73E-02	1.94E-01	0.00E+00	-3.32E-02	2.12E-08	4.75E-07	1.30E+00	4.25E+01	4.52E-04	0.00E+00	1.51E+02	4.45E-01	2.68E+02	0.00E+00	2.04E-06	8.93E-07	5.23E-02	1.34E-05	2.61E+01	0.00E+00	2.68E+02	5.90E-05	2.68E+02	2.94E+02	2.61E+01	0.00E+00	0.00E+00	0.00E+00	5.27E+03
FP92SN2	8.39E-02	2.10E+01	1.05E+00	2.00E+01	0.00E+00	0.00E+00	2.21E+02	4.44E-04	1.75E-02	1.96E-01	0.00E+00	-3.32E-02	2.17E-08	4.81E-07	1.32E+00	4.30E+01	4.52E-04	0.00E+00	1.53E+02	4.45E-01	2.71E+02	0.00E+00	2.06E-06	9.04E-07	5.29E-02	1.34E-05	2.65E+01	0.00E+00	2.71E+02	5.98E-05	2.71E+02	2.98E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	5.34E+03
FP93QS	1.09E-01	2.71E+01	1.41E+00	2.57E+01	0.00E+00	0.00E+00	2.89E+02	5.82E-04	2.26E-02	2.52E-01	0.00E+00	-4.75E-02	2.78E-08	6.31E-07	1.72E+00	5.61E+01	4.52E-04	0.00E+00	2.00E+02	6.35E-01	3.53E+02	0.00E+00	2.68E-06	1.17E-06	6.83E-02	1.87E-05	3.46E+01	0.00E+00	3.53E+02	7.70E-05	3.53E+02	3.88E+02	3.46E+01	0.00E+00	0.00E+00	0.00E+00	6.99E+03
FP93SN2	1.10E-01	2.73E+01	1.42E+00	2.59E+01	0.00E+00	0.00E+00	2.92E+02	5.88E-04	2.27E-02	2.54E-01	0.00E+00	-4.75E-02	2.83E-08	6.37E-07	1.73E+00	5.66E+01	4.52E-04	0.00E+00	2.02E+02	6.36E-01	3.56E+02	0.00E+00	2.70E-06	1.18E-06	6.88E-02	1.88E-05	3.49E+01	0.00E+00	3.56E+02	7.78E-05	3.56E+02	3.91E+02	3.49E+01	0.00E+00	0.00E+00	0.00E+00	7.06E+03
FP94QS	1.34E-01	3.33E+01	1.77E+00	3.15E+01	0.00E+00	0.00E+00	3.60E+02	7.26E-04	2.78E-02	3.10E-01	0.00E+00	-6.18E-02	3.44E-08	7.86E-07	2.13E+00	6.96E+01	4.52E-04	0.00E+00	2.49E+02	8.24E-01	4.38E+02	0.00E+00	3.32E-06	1.45E-06	8.40E-02	2.41E-05	4.30E+01	0.00E+00	4.38E+02	9.49E-05	4.38E+02	4.81E+02	4.30E+01	0.00E+00	0.00E+00	0.00E+00	8.71E+03
FP94SN2	1.35E-01	3.35E+01	1.78E+00	3.17E+01	0.00E+00	0.00E+00	3.63E+02	7.32E-04	2.79E-02	3.12E-01	0.00E+00	-6.18E-02	3.49E-08	7.93E-07	2.15E+00	7.01E+01	4.52E-04	0.00E+00	2.51E+02	8.24E-01	4.41E+02	0.00E+00	3.34E-06	1.46E-06	8.46E-02	2.41E-05	4.34E+01	0.00E+00	4.41E+02	9.57E-05	4.41E+02	4.84E+02	4.34E+01	0.00E+00	0.00E+00	0.00E+00	8.78E+03
FP95SN2	1.61E-01	3.96E+01	2.15E+00	3.75E+01	0.00E+00	0.00E+00	4.34E+02	8.74E-04	3.31E-02	3.69E-01	0.00E+00	-7.60E-02	4.14E-08	9.47E-07	2.55E+00	8.35E+01	4.52E-04	0.00E+00	3.00E+02	1.01E+00	5.25E+02	0.00E+00	3.97E-06	1.74E-06	1.00E-01	2.94E-05	5.17E+01	0.00E+00	5.25E+02	1.13E-04	5.25E+02	5.77E+02	5.17E+01	0.00E+00	0.00E+00	0.00E+00	1.05E+04

FR22E1	2.21E-01	4.97E+01	3.44E+00	4.63E+01	0.00E+00	0.00E+00	6.38E+02	1.30E-03	4.63E-02	4.66E-01	0.00E+00	-1.52E-01	6.64E-08	1.43E-06	3.52E+00	1.18E+02	9.72E-04	0.00E+00	4.44E+02	2.02E+00	7.27E+02	0.00E+00	5.41E-06	2.40E-06	1.29E-01	5.57E-05	7.50E+01	0.00E+00	7.27E+02	1.54E-04	7.27E+02	8.02E+02	7.50E+01	0.00E+00	0.00E+00	0.00E+00	1.57E+04
FR22E2	2.29E-01	5.20E+01	3.53E+00	4.85E+01	0.00E+00	0.00E+00	6.69E+02	1.35E-03	4.83E-02	4.88E-01	0.00E+00	-1.52E-01	6.43E-08	1.50E-06	3.68E+00	1.23E+02	9.72E-04	0.00E+00	4.55E+02	2.02E+00	7.57E+02	0.00E+00	5.65E-06	2.49E-06	1.35E-01	5.61E-05	7.77E+01	0.00E+00	7.57E+02	1.56E-04	7.57E+02	8.35E+02	7.77E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+04
FR22G1	2.57E-01	5.88E+01	3.96E+00	5.48E+01	0.00E+00	0.00E+00	7.40E+02	1.50E-03	5.38E-02	5.49E-01	0.00E+00	-1.74E-01	7.58E-08	1.65E-06	4.08E+00	1.37E+02	9.72E-04	0.00E+00	5.13E+02	2.31E+00	8.43E+02	0.00E+00	6.28E-06	2.79E-06	1.52E-01	6.37E-05	8.68E+01	0.00E+00	8.43E+02	1.77E-04	8.43E+02	9.30E+02	8.68E+01	0.00E+00	0.00E+00	0.00E+00	1.81E+04
FR22H2	2.68E-01	6.29E+01	4.08E+00	5.88E+01	0.00E+00	0.00E+00	7.78E+02	1.57E-03	5.34E-02	5.91E-01	0.00E+00	-1.72E-01	7.45E-08	1.69E-06	4.40E+00	1.45E+02	9.72E-04	0.00E+00	5.32E+02	2.29E+00	9.03E+02	0.00E+00	6.77E-06	2.96E-06	1.63E-01	6.38E-05	9.11E+01	0.00E+00	9.03E+02	1.89E-04	9.03E+02	9.94E+02	9.11E+01	0.00E+00	0.00E+00	0.00E+00	1.87E+04
FR22S1	3.04E-01	5.11E+01	3.43E+00	4.77E+01	0.00E+00	0.00E+00	6.38E+02	1.30E-03	4.34E-02	4.81E-01	0.00E+00	-1.50E-01	6.66E-08	1.39E-06	3.61E+00	1.19E+02	9.72E-04	0.00E+00	4.45E+02	2.00E+00	7.41E+02	0.00E+00	5.54E-06	2.44E-06	1.33E-01	5.53E-05	7.55E+01	0.00E+00	7.41E+02	1.58E-04	7.41E+02	8.16E+02	7.55E+01	0.00E+00	0.00E+00	0.00E+00	1.57E+04
FR22S2	2.29E-01	5.30E+01	3.53E+00	4.95E+01	0.00E+00	0.00E+00	6.69E+02	1.35E-03	4.52E-02	5.00E-01	0.00E+00	-1.50E-01	6.45E-08	1.46E-06	3.78E+00	1.25E+02	9.72E-04	0.00E+00	4.57E+02	2.00E+00	7.74E+02	0.00E+00	5.79E-06	2.53E-06	1.38E-01	5.57E-05	7.82E+01	0.00E+00	7.74E+02	1.62E-04	7.74E+02	8.52E+02	7.82E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+04
FR23E1	3.83E-01	6.33E+01	4.36E+00	5.89E+01	0.00E+00	0.00E+00	8.03E+02	1.63E-03	5.75E-02	5.90E-01	0.00E+00	-1.97E-01	8.18E-08	1.79E-06	4.41E+00	1.48E+02	1.15E-03	0.00E+00	5.55E+02	2.62E+00	9.09E+02	0.00E+00	6.77E-06	3.00E-06	1.63E-01	7.18E-05	9.39E+01	0.00E+00	9.09E+02	1.89E-04	9.09E+02	1.00E+03	9.39E+01	0.00E+00	0.00E+00	0.00E+00	1.96E+04
FR23E2	2.90E-01	6.57E+01	4.51E+00	6.12E+01	0.00E+00	0.00E+00	8.48E+02	1.72E-03	5.99E-02	6.16E-01	0.00E+00	-1.97E-01	8.58E-08	1.89E-06	4.66E+00	1.57E+02	1.15E-03	0.00E+00	5.86E+02	2.62E+00	9.62E+02	0.00E+00	7.15E-06	3.17E-06	1.71E-01	7.22E-05	9.92E+01	0.00E+00	9.62E+02	2.03E-04	9.62E+02	1.06E+03	9.92E+01	0.00E+00	0.00E+00	0.00E+00	2.07E+04
FR23G1	4.38E-01	7.37E+01	4.94E+00	6.88E+01	0.00E+00	0.00E+00	9.15E+02	1.85E-03	6.61E-02	6.86E-01	0.00E+00	-2.21E-01	9.21E-08	2.03E-06	5.03E+00	1.69E+02	1.15E-03	0.00E+00	6.31E+02	2.93E+00	1.04E+03	0.00E+00	7.74E-06	3.43E-06	1.89E-01	8.06E-05	1.07E+02	0.00E+00	1.04E+03	2.15E-04	1.04E+03	1.14E+03	1.07E+02	0.00E+00	0.00E+00	0.00E+00	2.23E+04
FR23G2	3.30E-01	7.67E+01	5.09E+00	7.16E+01	0.00E+00	0.00E+00	9.62E+02	1.94E-03	6.88E-02	7.15E-01	0.00E+00	-2.21E-01	9.14E-08	2.13E-06	5.28E+00	1.77E+02	1.15E-03	0.00E+00	6.54E+02	2.93E+00	1.09E+03	0.00E+00	8.12E-06	3.58E-06	1.97E-01	8.11E-05	1.12E+02	0.00E+00	1.09E+03	2.23E-04	1.09E+03	1.20E+03	1.12E+02	0.00E+00	0.00E+00	0.00E+00	2.30E+04
FR23H1	3.20E-01	7.51E+01	4.97E+00	7.01E+01	0.00E+00	0.00E+00	9.20E+02	1.87E-03	6.36E-02	7.04E-01	0.00E+00	-2.19E-01	9.30E-08	2.01E-06	5.22E+00	1.73E+02	1.15E-03	0.00E+00	6.39E+02	2.91E+00	1.07E+03	0.00E+00	8.03E-06	3.53E-06	1.94E-01	8.03E-05	1.09E+02	0.00E+00	1.07E+03	2.27E-04	1.07E+03	1.18E+03	1.09E+02	0.00E+00	0.00E+00	0.00E+00	2.25E+04
FR23H2	3.33E-01	7.86E+01	5.12E+00	7.35E+01	0.00E+00	0.00E+00	9.66E+02	1.95E-03	6.66E-02	7.38E-01	0.00E+00	-2.19E-01	9.22E-08	2.10E-06	5.46E+00	1.80E+02	1.15E-03	0.00E+00	6.60E+02	2.91E+00	1.12E+03	0.00E+00	8.39E-06	3.68E-06	2.03E-01	8.08E-05	1.13E+02	0.00E+00	1.12E+03	2.33E-04	1.12E+03	1.23E+03	1.13E+02	0.00E+00	0.00E+00	0.00E+00	2.32E+04
FR23S1	2.77E-01	6.40E+01	4.37E+00	5.96E+01	0.00E+00	0.00E+00	8.04E+02	1.63E-03	5.45E-02	6.02E-01	0.00E+00	-1.95E-01	8.21E-08	1.75E-06	4.55E+00	1.50E+02	1.15E-03	0.00E+00	5.59E+02	2.59E+00	9.34E+02	0.00E+00	6.98E-06	3.07E-06	1.67E-01	7.14E-05	9.50E+01	0.00E+00	9.34E+02	1.98E-04	9.34E+02	1.03E+03	9.50E+01	0.00E+00	0.00E+00	0.00E+00	1.97E+04
FR23S2	2.91E-01	6.70E+01	4.52E+00	6.25E+01	0.00E+00	0.00E+00	8.49E+02	1.72E-03	5.71E-02	6.32E-01	0.00E+00	-1.95E-01	8.61E-08	1.85E-06	4.79E+00	1.58E+02	1.15E-03	0.00E+00	5.89E+02	2.59E+00	9.83E+02	0.00E+00	7.34E-06	3.23E-06	1.75E-01	7.19E-05	1.00E+02	0.00E+00	9.83E+02	2.09E-04	9.83E+02	1.08E+03	1.00E+02	0.00E+00	0.00E+00	0.00E+00	2.08E+04
FR24E1	3.47E-01	7.81E+01	5.49E+00	7.26E+01	0.00E+00	0.00E+00	1.00E+03	2.04E-03	7.36E-02	7.30E-01	0.00E+00	-2.51E-01	1.01E-07	2.26E-06	5.51E+00	1.85E+02	1.34E-03	0.00E+00	6.92E+02	3.34E+00	1.14E+03	0.00E+00	8.45E-06	3.75E-06	2.02E-01	9.14E-05	1.17E+02	0.00E+00	1.14E+03	2.36E-04	1.14E+03	1.25E+03	1.17E+02	0.00E+00	0.00E+00	0.00E+00	2.45E+04
FR24E2	3.64E-01	8.18E+01	5.67E+00	7.62E+01	0.00E+00	0.00E+00	1.06E+03	2.15E-03	7.69E-02	7.66E-01	0.00E+00	-2.51E-01	1.06E-07	2.38E-06	5.80E+00	1.95E+02	1.34E-03	0.00E+00	7.29E+02	3.34E+00	1.20E+03	0.00E+00	8.89E-06	3.94E-06	2.13E-01	9.19E-05	1.23E+02	0.00E+00	1.20E+03	2.50E-04	1.20E+03	1.32E+03	1.23E+02	0.00E+00	0.00E+00	0.00E+00	2.58E+04
FR24G1	3.92E-01	9.00E+01	6.13E+00	8.39E+01	0.00E+00	0.00E+00	1.13E+03	2.28E-03	8.32E-02	8.38E-01	0.00E+00	-2.77E-01	1.13E-07	2.53E-06	6.19E+00	2.09E+02	1.34E-03	0.00E+00	7.75E+02	3.69E+00	1.28E+03	0.00E+00	9.52E-06	4.22E-06	2.31E-01	1.01E-04	1.32E+02	0.00E+00	1.28E+03	2.64E-04	1.28E+03	1.41E+03	1.32E+02	0.00E+00	0.00E+00	0.00E+00	2.74E+04
FR24G2	4.08E-01	9.45E+01	6.31E+00	8.82E+01	0.00E+00	0.00E+00	1.18E+03	2.38E-03	8.69E-02	8.79E-01	0.00E+00	-2.77E-01	1.13E-07	2.65E-06	6.48E+00	2.18E+02	1.34E-03	0.00E+00	8.03E+02	3.69E+00	1.33E+03	0.00E+00	9.96E-06	4.40E-06	2.42E-01	1.02E-04	1.37E+02	0.00E+00	1.33E+03	2.72E-04	1.33E+03	1.47E+03	1.37E+02	0.00E+00	0.00E+00	0.00E+00	2.83E+04
FR24H1	5.38E-01	9.27E+01	6.14E+00	8.65E+01	0.00E+00	0.00E+00	1.13E+03	2.28E-03	7.81E-02	8.66E-01	0.00E+00	-2.76E-01	1.13E-07	2.45E-06	6.35E+00	2.10E+02	1.34E-03	0.00E+00	7.78E+02	3.66E+00	1.30E+03	0.00E+00	9.77E-06	4.30E-06	2.38E-01	1.01E-04	1.32E+02	0.00E+00	1.30E+03	2.71E-04	1.30E+03	1.44E+03	1.32E+02	0.00E+00	0.00E+00	0.00E+00	2.74E+04
FR24H2	4.07E-01	9.64E+01	6.32E+00	9.00E+01	0.00E+00	0.00E+00	1.18E+03	2.38E-03	8.14E-02	9.02E-01	0.00E+00	-2.76E-01	1.13E-07	2.58E-06	6.66E+00	2.20E+02	1.34E-03	0.00E+00	8.07E+02	3.66E+00	1.37E+03	0.00E+00	1.02E-05	4.49E-06	2.48E-01	1.01E-04	1.38E+02	0.00E+00	1.37E+03	2.82E-04	1.37E+03	1.50E+03	1.38E+02	0.00E+00	0.00E+00	0.00E+00	2.83E+04
FR24S1	3.44E-01	7.96E+01	5.49E+00	7.41E+01	0.00E+00	0.00E+00	1.00E+03	2.03E-03	6.76E-02	7.48E-01	0.00E+00	-2.49E-01	1.02E-07	2.19E-06	5.65E+00	1.87E+02	1.34E-03	0.00E+00	6.94E+02	3.32E+00	1.16E+03	0.00E+00	8.67E-06	3.81E-06	2.07E-01	9.11E-05	1.18E+02	0.00E+00	1.16E+03	2.44E-04	1.16E+03	1.28E+03	1.18E+02	0.00E+00	0.00E+00	0.00E+00	2.45E+04
FR24S2	3.61E-01	8.33E+01	5.68E+00	7.77E+01	0.00E+00	0.00E+00	1.06E+03	2.15E-03	7.09E-02	7.85E-01	0.00E+00	-2.49E-01	1.06E-07	2.30E-06	5.94E+00	1.97E+02	1.34E-03	0.00E+00	7.31E+02	3.32E+00	1.22E+03	0.00E+00	9.11E-06	4.01E-06	2.17E-01	9.16E-05	1.24E+02	0.00E+00	1.22E+03	2.57E-04	1.22E+03	1.34E+03	1.24E+02	0.00E+00	0.00E+00	0.00E+00	2.58E+04
FR25E1	5.59E-01	9.24E+01	6.46E+00	8.59E+01	0.00E+00	0.00E+00	1.17E+03	2.37E-03	8.53E-02	8.60E-01	0.00E+00	-2.99E-01	1.17E-07	2.62E-06	6.41E+00	2.16E+02	1.52E-03	0.00E+00	8.06E+02	3.98E+00	1.32E+03	0.00E+00	9.83E-06	4.36E-06	2.37E-01	1.09E-04	1.37E+02	0.00E+00	1.32E+03	2.71E-04	1.32E+03	1.46E+03	1.37E+02	0.00E+00	0.00E+00	0.00E+00	2.85E+04
FR25E2	4.24E-01	9.59E+01	6.68E+00	8.92E+01	0.00E+00	0.00E+00	1.24E+03	2.51E-03	8.87E-02	8.97E-01	0.00E+00	-2.99E-01	1.23E-07	2.77E-06	6.78E+00	2.28E+02	1.52E-03	0.00E+00	8.51E+02	3.98E+00	1.40E+03	0.00E+00	1.04E-05	4.61E-06	2.48E-01	1.09E-04	1.44E+02	0.00E+00	1.40E+03	2.90E-04	1.40E+03	1.54E+03	1.44E+02	0.00E+00	0.00E+00	0.00E+00	3.01E+04
FR25G1	4.53E-01	1.05E+02	7.15E+00	9.77E+01	0.00E+00	0.00E+00	1.31E+03	2.64E-03	9.55E-02	9.74E-01	0.00E+00	-3.28E-01	1.30E-07	2.92E-06	7.18E+00	2.42E+02	1.52E-03	0.00E+00	8.98E+02	4.36E+00	1.48E+03	0.00E+00	1.10E-05	4.90E-06	2.68E-01	1.19E-04	1.52E+02	0.00E+00	1.48E+03	3.05E-04	1.48E+03	1.63E+03	1.52E+02	0.00E+00	0.00E+00	0.00E+00	3.17E+04
FR25G2	4.73E-01	1.10E+02	7.37E+00	1.03E+02	0.00E+00	0.00E+00	1.37E+03	2.77E-03	9.99E-02	1.02E+00	0.00E+00	-3.28E-01	1.31E-07	3.06E-06	7.52E+00	2.53E+02	1.52E-03	0.00E+00	9.32E+02	4.36E+00	1.55E+03	0.00E+00	1.16E-05	5.11E-06	2.81E-01	1.20E-04	1.59E+02	0.00E+00	1.55E+03	3.15E-04	1.55E+03	1.71E+03	1.59E+02	0.00E+00	0.00E+00	0.00E+00	3.29E+04
FR25H2	4.73E-01	1.12E+02	7.39E+00	1.05E+02	0.00E+00	0.00E+00	1.37E+03	2.77E-03	9.47E-02	1.05E+00	0.00E+00	-3.26E-01	1.31E-07	2.99E-06	7.73E+00	2.56E+02	1.52E-03	0.00E+00	9.38E+02	4.33E+00	1.58E+03	0.00E+00	1.19E-05	5.21E-06	2.88E-01	1.20E-04	1.60E+02	0.00E+00	1.58E+03	3.26E-04	1.58E+03	1.75E+03	1.60E+02	0.00E+00	0.00E+00	0.00E+00	3.29E+04
FR25S1	4.02E-01	9.33E+01	6.47E+00	8.68E+01	0.00E+00	0.00E+00	1.17E+03	2.38E-03	7.92E-02	8.76E-01	0.00E+00	-2.98E-01	1.18E-07	2.56E-06	6.61E+00	2.19E+02	1.52E-03	0.00E+00	8.11E+02	3.96E+00	1.36E+03	0.00E+00	1.01E-05	4.45E-06	2.42E-01	1.08E-04	1.38E+02	0.00E+00	1.36E+03	2.83E-04	1.36E+03	1.49E+03	1.38E+02	0.00E+00	0.00E+00	0.00E+00	2.85E+04
FR25S2	4.20E-01	9.82E+01	6.67E+00	9.15E+01	0.00E+00	0.00E+00	1.24E+03	2.49E-03	8.33E-02	9.22E-01	0.00E+00	-2.98E-01	1.18E-07	2.69E-06	6.92E+00	2.29E+02	1.52E-03	0.00E+00	8.42E+02	3.96E+00	1.42E+03	0.00E+00	1.06E-05	4.64E-06	2.54E-01	1.09E-04	1.44E+02	0.00E+00	1.42E+03	2.91E-04	1.42E+03	1.56E+03	1.44E+02	0.00E+00	0.00E+00	0.00E+00	2.96E+04
FR26G1	7.09E-01	1.20E+02	8.13E+00	1.12E+02	0.00E+00	0.00E+00	1.48E+03	2.99E-03	1.08E-01	1.11E+00	0.00E+00	-3.75E-01	1.46E-07	3.29E-06	8.11E+00	2.74E+02	1.70E-03	0.00E+00	1.02E+03	4.98E+00	1.67E+03	0.00E+00	1.25E-05	5.54E-06	3.06E-01	1.36E-04	1.72E+02	0.00E+00	1.67E+03	3.41E-04	1.67E+03	1.85E+03	1.72E+02	0.00E+00	0.00E+00	0.00E+00	3.59E+04
FR26G2	5.36E-01	1.25E+02	8.38E+00	1.17E+02	0.00E+00	0.00E+00	1.56E+03	3.14E-03	1.13E-01	1.16E+00	0.00E+00	-3.75E-01	1.48E-07	3.47E-06	8.53E+00	2.87E+02	1.70E-03	0.00E+00	1.06E+03	4.98E+00	1.76E+03	0.00E+00	1.31E-05	5.80E-06	3.20E-01	1.37E-04	1.81E+02	0.00E+00	1.76E+03	3.57E-04	1.76E+03	1.94E+03	1.81E+02	0.00E+00	0.00E+00	0.00E+00	3.73E+04
FR26H2	5.35E-01	1.29E+02	8.38E+00	1.20E+02	0.00E+00	0.00E+00	1.56E+03	3.14E-03	1.08E-01	1.19E+00	0.00E+00	-3.73E-01	1.48E-07	3.39E-06	8.62E+00	2.88E+02	1.70E-03	0.00E+00	1.06E+03	4.96E+00	1.77E+03	0.00E+00	1.33E-05	5.86E-06	3.26E-01	1.36E-04	1.81E+02	0.00E+00	1.77E+03	3.63E-04	1.77E+03	1.95E+03	1.81E+02	0.00E+00	0.00E+00	0.00E+00	3.73E+04
FR26S1	6.27E-01	1.08E+02	7.37E+00	1.01E+02	0.00E+00	0.00E+00	1.34E+03	2.70E-03	9.08E-02	1.01E+00	0.00E+00	-3.42E-01	1.32E-07	2.90E-06	7.36E+00	2.46E+02	1.70E-03	0.00E+00	9.16E+02	4.55E+00	1.52E+03	0.00E+00	1.13E-05	5.00E-06	2.76E-01	1.24E-04	1.56E+02	0.00E+00	1.52E+03	3.11E-04	1.52E+03	1.67E+03	1.56E+02	0.00E+00	0.00E+00	0.00E+00	3.24E+04
FR26S2	4.76E-01	1.13E+02	7.60E+00	1.05E+02	0.00E+00	0.00E+00	1.41E+03	2.84E-03	9.50E-02	1.05E+00	0.00E+00	-3.42E-01	1.34E-07	3.06E-06	7.75E+00	2.59E+02	1.70E-03	0.00E+00	9.56E+02	4.55E+00	1.59E+03	0.00E+00	1.19E-05	5.24E-06	2.89E-01	1.25E-04	1.63E+02	0.00E+00	1.59E+03	3.25E-04	1.59E+03	1.76E+03	1.63E+02	0.00E+00	0.00E+00	0.00E+00	3.37E+04
FR42E	9.54E-02	2.26E+01	1.67E+00	2.09E+01	0.00E+00	0.00E+00	2.50E+02	5.05E-04	2.26E-02	2.06E-01	0.00E+00	-9.82E-02	2.58E-08	5.88E-07	1.41E+00	4.78E+01	1.25E-03	0.00E+00	1.72E+02	1.31E+00	2.93E+02	0.00E+00	2.21E-06	9.83E-07	5.62E-02	3.49E-05	2.95E+01	0.00E+00	2.93E+02	5.71E-05	2.93E+02	3.23E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	6.06E+03
FR52E	1.12E-01	2.63E+01	1.93E+00	2.44E+01	0.00E+00	0.00E+00	3.02E+02	6.11E-04	2.59E-02	2.41E-01	0.00E+00	-1.08E-01	3.07E-08	7.01E-07	1.69E+00	5.73E+01	1.25E-03	0.00E+00	2.07E+02	1.44E+00	3.52E+02	0.00E+00	2.64E-06	1.17E-06	6.62E-02	3.86E-05	3.55E+01	0.00E+00	3.52E+02	6.95E-05	3.52E+02	3.87E+02	3.55E+01	0.00E+00	0.00E+00	0.00E+00	7.30E+03
FR62E	1.23E-01	2.88E+01	2.12E+00	2.67E+01	0.00E+00	0.00E+00	3.35E+02	6.78E-04	2.80E-02	2.65E-01	0.00E+00	-1.18E-01	3.38E-08	7.73E-07	1.88E+00	6.33E+01	1.25E-03	0.00E+00	2.30E+02	1.57E+00	3.89E+02	0.00E+00	2.92E-06	1.30E-06	7.27E-02	4.20E-05	3.93E+01	0.00E+00	3.89E+02	7.72E-05	3.89E+02	4.29E+02	3.93E+01	0.00E+00	0.00E+00	0.00E+00	8.09E+03
FR63E	1.56E-01	3.70E+01	2.76E+00	3.42E+01	0.00E+00	0.00E+00	4.26E+02	8.61E-04	3.46E-02	3.38E-01	0.00E+00	-1.58E-01	4.23E-08	9.71E-07	2.38E+00	8.03E+01	1.43E-03	0.00E+00	2.92E+02	2.10E+00	4.94E+02	0.00E+00	3.71E-06	1.64E-06	9.27E-02	5.60E-05	4.99E+01	0.00E+00	4.94E+02	9.67E-05	4.94E+02	5.44E+02	4.99E+01	0.00E+00	0.00E+00	0.00E+00	1.03E+04
FR72E	1.37E-01	3.18E+01	2.34E+00	2.95E+01	0.00E+00	0.00E+00	3.77E+02	7.63E-04	3.06E-02	2.94E-01	0.00E+00	-1.27E-01	3.77E-08	8.64E-07	2.11E+00	7.10E+01	1.25E-03	0.00E+00	2.58E+02	1.70E+00	4.37E+02	0.00E+00	3.27E-06	1.45E-06	8.08E-02	4.55E-05	4.42E+01	0.00E+00	4.37E+02	8.70E-05	4.37E+02	4.81E+02	4.42E+01	0.00E+00	0.00E+00	0.00E+00	9.10E+03
FR73E	1.73E-01	4.08E+01	3.04E+00	3.77E+01	0.00E+00	0.00E+00	4.78E+02	9.67E-04	3.79E-02	3.74E-01	0.00E+00	-1.71E-01	4.72E-08	1.08E-06	2.67E+00	8.98E+01	1.43E-03	0.00E+00	3.27E+02	2.27E+00	5.52E+02	0.00E+00	4.14E-06	1.83E-06	1.03E-01	6.05E-05	5.59E+01	0.00E+00	5.52E+02	1.09E-04	5.52E+02	6.08E+02	5.59E+01	0.00E+00	0.00E+00	0.00E+00	1.15E+04
FR74E	2.19E-01	5.12E+01	3.86E+00	4.74E+01	0.00E+00	0.00E+00	6.00E+02	1.21E-03	4.98E-02	4.70E-01	0.00E+00	-2.20E-01	5.94E-08	1.39E-06	3.34E+00	1.13E+02	1.61E-03	0.00E+00	4.11E+02	2.92E+00	6.91E+02	0.00E+00	5.18E-06	2.30E-06	1.29E-01	7.76E-05	7.02E+01	0.00E+00	6.91E+02	1.35E-04	6.91E+02	7.62E+02	7.02E+01	0.00E+00	0.00E+00	0.00E+00	1.45E+04
FR75E	2.56E-01	5.95E+01	4.58E+00	5.49E+01	0.00E+00	0.00E+00	7.04E+02	1.43E-03	5.68E-02	5.46E-01	0.00E+00	-2.63E-01	7.26E-08	1.61E-06	3.92E+00	1.33E+02	1.79E-03	0.00E+00	4.89E+02	3.49E+00	8.16E+02	0.00E+00	6.10E-06	2.72E-06	1.51E-01	9.26E-05	8.30E+01	0.00E+00	8.16E+02	1.63E-04	8.16E+02	8.99E+02	8.30E+01	0.00E+00	0.00E+00	0.00E+00	1.73E+04
FR83E	1.90E-01	4.46E+01	3.32E+00	4.13E+01	0.00E+00	0.00E+00	5.31E+02	1.07E-03	4.11E-02	4.10E-01	0.00E+00	-1.83E-01	5.20E-08	1.20E-06	2.95E+00	9.93E+01	1.43E-03	0.00E+00	3.63E+02	2.43E+00	6.11E+02	0.00E+00	4.58E-06	2.03E-06	1.13E-01	6.50E-05	6.20E+01	0.00E+00	6.11E+02	1.21E-04	6.11E+02	6.73E+02	6.20E+01	0.00E+00	0.00E+00	0.00E+00	1.28E+04
FR84E	2.46E-01	5.63E+01	4.27E+00	5.20E+01	0.00E+00	0.00E+00	6.80E+02	1.38E-03	5.44E-02	5.19E-01	0.00E+00	-2.36E-01	7.03E-08	1.56E-06	3.78E+00	1.28E+02	1.61E-03	0.00E+00	4.72E+02	3.13E+00	7.85E+02	0.00E+00	5.86E-06	2.61E-06	1.44E-01	8.35E-05	8.01E+01	0.00E+00	7.85E+02	1.59E-04	7.85E+02	8.65E+02	8.01E+01	0.00E+00	0.00E+00	0.00E+00	1.67E+04
FR85E	2.80E-01	6.58E+01	4.98E+00	6.08E+01	0.00E+00	0.00E+00	7.79E+02	1.57E-03	6.19E-02	6.03E-01	0.00E+00	-2.81E-01	7.60E-08	1.77E-06	4.32E+00	1.46E+02	1.79E-03	0.00E+00	5.32E+02	3.74E+00	8.94E+02	0.00E+00	6.69E-06	2.97E-06	1.66E-01	9.93E-05	9.09E+01	0.00E+00	8.94E+02	1.74E-04	8.94E+02	9.85E+02	9.09E+01	0.00E+00	0.00E+00	0.00E+00	1.88E+04
FR92E	1.67E-01	3.79E+01	2.81E+00	3.51E+01	0.00E+00	0.00E+00	4.64E+02	9.47E-04	3.60E-02	3.52E-01	0.00E+00	-1.47E-01	4.94E-08	1.06E-06	2.60E+00	8.74E+01	1.25E-03	0.00E+00	3.25E+02	1.96E+00	5.38E+02	0.00E+00	4.02E-06	1.79E-06	9.75E-02	5.26E-05	5.49E+01	0.00E+00	5.38E+02	1.12E-04	5.38E+02	5.93E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	1.15E+04
FR92S	1.63E-01	3.87E+01	2.78E+00	3.60E+01	0.00E+00	0.00E+00	4.62E+02	9.34E-04	3.25E-02	3.61E-01	0.00E+00	-1.45E-01	4.56E-08	1.01E-06	2.65E+00	8.71E+01	1.25E-03	0.00E+00	3.17E+02	1.93E+00	5.44E+02	0.00E+00	4.09E-06	1.79E-06	9.93E-02	5.22E-05	5.43E+01	0.00E+00	5.44E+02	1.11E-04	5.44E+02	5.98E+02	5.43E+01	0.00E+00	0.00E+00	0.00E+00	1.11E+04
FR93E	2.07E-01	4.85E+01	3.60E+00	4.49E+01	0.00E+00	0.00E+00	5.84E+02	1.18E-03	4.45E-02	4.47E-01	0.00E+00	-1.96E-01	5.70E-08	1.31E-06	3.25E+00	1.09E+02	1.43E-03	0.00E+00	3.99E+02	2.60E+00	6.71E+02	0.00E+00	5.02E-06	2.22E-06	1.23E-01	6.95E-05	6.81E+01	0.00E+00	6.71E+02	1.33E-04	6.71E+02	7.39E+02	6.81E+01	0.00E+00	0.00E+00	0.00E+00	1.41E+04
FR93G	2.40E-01	5.65E+01	4.08E+00	5.24E+01	0.00E+00	0.00E+00	6.71E+02	1.36E-03	5.10E-02	5.20E-01	0.00E+00	-2.15E-01	6.87E-08	1.51E-06	3.74E+00	1.26E+02	1.43E-03	0.00E+00	4.65E+02	2.86E+00	7.74E+02	0.00E+00	5.79E-06	2.57E-06	1.43E-01	7.68E-05	7.90E+01	0.00E+00	7.74E+02	1.57E-04	7.74E+02	8.53E+02	7.90E+01	0.00E+00	0.00E+00	0.00E+00	1.65E+04
FR93S	2.06E-01	4.94E+01	3.60E+00	4.58E+01	0.00E+00	0.00E+00	5.84E+02	1.18E-03	4.13E-02	4.58E-01	0.00E+00	-1.94E-01	5.71E-08	1.27E-06	3.34E+00	1.10E+02	1.43E-03	0.00E+00	4.01E+02	2.58E+00	6.87E+02	0.00E+00	5.16E-06	2.26E-06	1.26E-01	6.91E-05	6.87E+01	0.00E+00	6.87E+02	1.38E-04	6.87E+02	7.55E+02	6.87E+01	0.00E+00	0.00E+00	0.00E+00	1.41E+04
FR94E	2.62E-01	6.08E+01	4.57E+00	5.63E+01	0.00E+00	0.00E+00	7.33E+02	1.48E-03	5.81E-02	5.60E-01	0.00E+00	-2.52E-01	7.17E-08	1.67E-06	4.06E+00	1.37E+02	1.61E-03	0.00E+00	5.00E+02	3.34E+00	8.39E+02	0.00E+00	6.28E-06	2.78E-06	1.54E-01	8.91E-05	8.54E+01	0.00E+00	8.39E+02	1.65E-04	8.39E+02	9.24E+02	8.54E+01	0.00E+00	0.00E+00	0.00E+00	1.76E+04
FR94S	2.59E-01	6.14E+01	4.58E+00	5.68E+01	0.00E+00	0.00E+00	7.34E+02	1.49E-03	5.14E-02	5.70E-01	0.00E+00	-2.50E-01	7.54E-08	1.60E-06	4.19E+00	1.39E+02	1.61E-03	0.00E+00	5.10E+02	3.32E+00	8.64E+02	0.00E+00	6.48E-06	2.85E-06	1.57E-01	8.87E-05	8.69E+01	0.00E+00	8.64E+02	1.77E-04	8.64E+02	9.51E+02	8.69E+01	0.00E+00	0.00E+00	0.00E+00	1.80E+04
FR95E	2.95E-01	6.82E+01	5.28E+00	6.29E+01	0.00E+00	0.00E+00	8.22E+02	1.67E-03	6.42E-02	6.28E-01	0.00E+00	-3.00E-01	8.37E-08	1.87E-06	4.57E+00	1.54E+02	1.79E-03	0.00E+00	5.69E+02	3.99E+00	9.48E+02	0.00E+00	7.08E-06	3.15E-06	1.73E-01	1.06E-04	9.66E+01	0.00E+00	9.48E+02	1.90E-04	9.48E+02	1.04E+03	9.66E+01	0.00E+00	0.00E+00	0.00E+00	2.01E+04
FR95S	3.00E-01	7.25E+01	5.38E+00	6.71E+01	0.00E+00	0.00E+00	8.54E+02	1.73E-03	6.04E-02	6.70E-01	0.00E+00	-2.98E-01	8.31E-08	1.86E-06	4.86E+00	1.61E+02	1.79E-03	0.00E+00	5.85E+02	3.96E+00	9.99E+02	0.00E+00	7.51E-06	3.29E-06	1.84E-01	1.06E-04	1.00E+02	0.00E+00	9.99E+02	1.98E-04	9.99E+02	1.10E+03	1.00E+02	0.00E+00	0.00E+00	0.00E+00	2.05E+04
FW324FT	6.30E-02	1.28E+01	8.91E-01	1.19E+01	0.00E+00	0.00E+00	1.79E+02	3.62E-04	1.55E-02	1.21E-01	0.00E+00	-3.42E-02	2.02E-08	4.32E-07	9.60E-01	3.28E+01	5.21E-04	0.00E+00	1.22E+02	4.59E-01	1.98E+02	0.00E+00	1.46E-06	6.49E-07	3.41E-02	1.30E-05	2.07E+01	0.00E+00	1.98E+02	4.10E-05	1.98E+02	2.18E+02	2.07E+01	0.00E+00	0.00E+00	0.00E+00	4.30E+03
FW324WT	6.71E-02	1.48E+01	1.01E+00	1.38E+01	0.00E+00	0.00E+00	1.91E+02	3.84E-04	1.56E-02	1.38E-01	0.00E+00	-4.37E-02	1.91E-08	4.44E-07	1.03E+00	3.51E+01	6.47E-05	0.00E+00	1.29E+02	5.79E-01	2.13E+02	0.00E+00	1.58E-06	7.02E-07	3.83E-02	1.59E-05	2.21E+01	0.00E+00	2.13E+02	4.31E-05	2.13E+02	2.35E+02	2.21E+01	0.00E+00	0.00E+00	0.00E+00	4.57E+03
FW424FT	7.50E-02	1.56E+01	1.06E+00	1.45E+01	0.00E+00	0.00E+00	2.19E+02	4.42E-04	1.72E-02	1.48E-01	0.00E+00	-3.92E-02	2.43E-08	5.15E-07	1.18E+00	3.99E+01	5.21E-04	0.00E+00	1.48E+02	5.24E-01	2.42E+02	0.00E+00	1.79E-06	7.92E-07	4.16E-02	1.50E-05	2.52E+01	0.00E+00	2.42E+02	5.05E-05	2.42E+02	2.67E+02	2.52E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+03
FW424WT	7.97E-02	1.80E+01	1.21E+00	1.68E+01	0.00E+00	0.00E+00	2.33E+02	4.69E-04	1.72E-02	1.68E-01	0.00E+00	-5.15E-02	2.32E-08	5.27E-07	1.26E+00	4.26E+01	6.47E-05	0.00E+00	1.58E+02	6.83E-01	2.59E+02	0.00E+00	1.93E-06	8.55E-07	4.65E-02	1.88E-05	2.68E+01	0.00E+00	2.59E+02	5.29E-05	2.59E+02	2.86E+02	2.68E+01	0.00E+00	0.00E+00	0.00E+00	5.56E+03
FW436WT	1.17E-01	2.25E+01	1.62E+00	2.08E+01	0.00E+00	0.00E+00	3.06E+02	6.17E-04	3.23E-02	2.14E-01	0.00E+00	-6.92E-02	3.06E-08	8.05E-07	1.68E+00	5.77E+01	6.47E-05	0.00E+00	2.10E+02	9.17E-01	3.46E+02	0.00E+00	2.58E-06	1.14E-06	6.06E-02	2.52E-05	3.58E+01	0.00E+00	3.46E+02	7.04E-05	3.46E+02	3.82E+02	3.58E+01	0.00E+00	0.00E+00	0.00E+00	7.40E+03
FW524FT	9.00E-02	1.89E+01	1.27E+00	1.76E+01	0.00E+00	0.00E+00	2.66E+02	5.38E-04	2.01E-02	1.80E-01	0.00E+00	-4.48E-02	2.91E-08	6.17E-07	1.43E+00	4.84E+01	5.21E-04	0.00E+00	1.80E+02	6.00E-01	2.94E+02	0.00E+00	2.17E-06	9.61E-07	5.04E-02	1.73E-05	3.06E+01	0.00E+00	2.94E+02	6.17E-05	2.94E+02	3.24E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	6.36E+03
FW524WT	9.35E-02	2.12E+01	1.42E+00	1.98E+01	0.00E+00	0.00E+00	2.75E+02	5.54E-04	1.99E-02	1.98E-01	0.00E+00	-5.92E-02	2.74E-08	6.19E-07	1.49E+00	5.03E+01	6.47E-05	0.00E+00	1.86E+02	7.86E-01	3.06E+02	0.00E+00	2.28E-06	1.01E-06	5.47E-02	2.17E-05	3.17E+01	0.00E+00	3.06E+02	6.27E-05	3.06E+02	3.38E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	6.57E+03
FW536FT	1.17E-01	2.37E+01	1.60E+00	2.20E+01	0.00E+00	0.00E+00	3.33E+02	6.73E-04	2.83E-02	2.25E-01	0.00E+00	-5.75E-02	3.57E-08	8.03E-07	1.79E+00	6.10E+01	5.21E-04	0.00E+00	2.26E+02	7.68E-01	3.68E+02	0.00E+00	2.72E-06	1.21E-06	6.34E-02	2.20E-05	3.84E+01	0.00E+00	3.68E+02	7.68E-05	3.68E+02	4.06E+02	3.84E+01	0.00E+00	0.00E+00	0.00E+00	7.99E+03
FW624FT	9.91E-02	2.09E+01	1.41E+00	1.95E+01	0.00E+00	0.00E+00	2.95E+02	5.95E-04	2.18E-02	1.99E-01	0.00E+00	-5.05E-02	3.22E-08	6.79E-07	1.58E+00	5.35E+01	5.21E-04	0.00E+00	1.99E+02	6.74E-01	3.25E+02	0.00E+00	2.41E-06	1.06E-06	5.57E-02	1.94E-05	3.39E+01	0.00E+00	3.25E+02	6.83E-05	3.25E+02	3.59E+02	3.39E+01	0.00E+00	0.00E+00	0.00E+00	7.04E+03
FW624WT	1.07E-01	2.43E+01	1.62E+00	2.27E+01	0.00E+00	0.00E+00	3.17E+02	6.39E-04	2.26E-02	2.27E-01	0.00E+00	-6.70E-02	3.16E-08	7.11E-07	1.71E+00	5.79E+01	6.47E-05	0.00E+00	2.15E+02	8.89E-01	3.53E+02	0.00E+00	2.63E-06	1.16E-06	6.29E-02	2.46E-05	3.65E+01	0.00E+00	3.53E+02	7.25E-05	3.53E+02	3.90E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	7.58E+03
FW636FT	1.36E-01	2.79E+01	1.87E+00	2.61E+01	0.00E+00	0.00E+00	3.94E+02	7.97E-04	3.20E-02	2.66E-01	0.00E+00	-6.46E-02	4.17E-08	9.36E-07	2.11E+00	7.20E+01	5.21E-04	0.00E+00	2.67E+02	8.62E-01	4.35E+02	0.00E+00	3.22E-06	1.43E-06	7.48E-02	2.48E-05	4.54E+01	0.00E+00	4.35E+02	9.15E-05	4.35E+02	4.80E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	9.45E+03
FWB31D1	1.82E-02	4.96E+00	2.95E-01	4.67E+00	0.00E+00	0.00E+00	4.27E+01	8.56E-05	3.98E-03	4.49E-02	0.00E+00	-1.68E-02	4.99E-09	9.37E-08	2.74E-01	8.79E+00	4.91E-04	0.00E+00	3.02E+01	2.27E-01	5.66E+01	0.00E+00	4.37E-07	1.91E-07	1.19E-02	6.24E-06	5.27E+00	0.00E+00	5.66E+01	1.16E-05	5.66E+01	6.19E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+03
FWB31S	3.07E-02	6.67E+00	4.26E-01	6.25E+00	0.00E+00	0.00E+00	7.11E+01	1.45E-04	8.11E-03	6.25E-02	0.00E+00	-2.07E-02	8.57E-09	1.80E-07	4.31E-01	1.44E+01	4.52E-04	0.00E+00	5.02E+01	2.79E-01	8.99E+01	0.00E+00	6.82E-07	3.02E-07	1.73E-02	7.74E-06	8.67E+00	0.00E+00	8.99E+01	1.95E-05	8.99E+01	9.86E+01	8.67E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+03
FWB32D1	2.49E-02	6.83E+00	4.67E-01	6.36E+00	0.00E+00	0.00E+00	5.80E+01	1.16E-04	5.44E-03	6.14E-02	0.00E+00	-3.10E-02	7.38E-09	1.28E-07	3.81E-01	1.20E+01	5.82E-04	0.00E+00	4.12E+01	4.15E-01	7.80E+01	0.00E+00	6.03E-07	2.62E-07	1.63E-02	1.10E-05	7.20E+00	0.00E+00	7.80E+01	1.51E-05	7.80E+01	8.52E+01	7.20E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+03
FWB32M2	5.04E-02	1.19E+01	7.03E-01	1.12E+01	0.00E+00	0.00E+00	1.12E+02	2.26E-04	1.27E-02	1.11E-01	0.00E+00	-3.56E-02	1.64E-08	2.72E-07	7.24E-01	2.34E+01	5.43E-04	0.00E+00	7.99E+01	4.77E-01	1.50E+02	0.00E+00	1.15E-06	5.04E-07	3.02E-02	1.31E-05	1.39E+01	0.00E+00	1.50E+02	3.26E-05	1.50E+02	1.64E+02	1.39E+01	0.00E+00	0.00E+00	0.00E+00	2.76E+03
FWB32S	4.93E-02	1.05E+01	7.03E-01	9.76E+00	0.00E+00	0.00E+00	1.12E+02	2.27E-04	1.37E-02	9.77E-02	0.00E+00	-3.67E-02	1.63E-08	2.93E-07	6.77E-01	2.27E+01	5.42E-04	0.00E+00	7.89E+01	4.91E-01	1.41E+02	0.00E+00	1.07E-06	4.74E-07	2.71E-02	1.34E-05	1.36E+01	0.00E+00	1.41E+02	3.00E-05	1.41E+02	1.55E+02	1.36E+01	0.00E+00	0.00E+00	0.00E+00	2.76E+03
FWB34S	8.88E-02	1.88E+01	1.27E+00	1.75E+01	0.00E+00	0.00E+00	1.97E+02	3.97E-04	2.56E-02	1.75E-01	0.00E+00	-6.88E-02	2.79E-08	5.26E-07	1.19E+00	4.01E+01	7.25E-04	0.00E+00	1.39E+02	9.17E-01	2.48E+02	0.00E+00	1.89E-06	8.37E-07	4.84E-02	2.47E-05	2.40E+01	0.00E+00	2.48E+02	5.19E-05	2.48E+02	2.72E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	4.85E+03
FWB41D1	2.30E-02	6.22E+00	3.39E-01	5.88E+00	0.00E+00	0.00E+00	5.52E+01	1.11E-04	5.00E-03	5.64E-02	0.00E+00	-1.68E-02	6.15E-09	1.21E-07	3.46E-01	1.12E+01	4.91E-04	0.00E+00	3.87E+01	2.27E-01	7.13E+01	0.00E+00	5.49E-07	2.41E-07	1.50E-02	6.38E-06	6.75E+00	0.00E+00	7.13E+01	1.49E-05	7.13E+01	7.81E+01	6.75E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+03
FWB41S	4.21E-02	9.80E+00	5.15E-01	9.29E+00	0.00E+00	0.00E+00	9.37E+01	1.89E-04	1.10E-02	9.10E-02	0.00E+00	-2.09E-02	1.12E-08	2.34E-07	5.88E-01	1.94E+01	4.52E-04	0.00E+00	6.65E+01	2.82E-01	1.22E+02	0.00E+00	9.36E-07	4.13E-07	2.48E-02	8.12E-06	1.16E+01	0.00E+00	1.22E+02	2.69E-05	1.22E+02	1.34E+02	1.16E+01	0.00E+00	0.00E+00	0.00E+00	2.31E+03
FWB42D1	2.61E-02	6.92E+00	4.83E-01	6.44E+00	0.00E+00	0.00E+00	6.30E+01	1.27E-04	5.59E-03	6.28E-02	0.00E+00	-3.10E-02	8.18E-09	1.38E-07	4.07E-01	1.29E+01	5.82E-04	0.00E+00	4.45E+01	4.15E-01	8.33E+01	0.00E+00	6.40E-07	2.77E-07	1.69E-02	1.11E-05	7.76E+00	0.00E+00	8.33E+01	1.64E-05	8.33E+01	9.10E+01	7.76E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+03
FWB42K1	8.20E-02	1.65E+01	7.66E-01	1.57E+01	0.00E+00	0.00E+00	1.30E+02	2.60E-04	1.58E-02	1.46E-01	0.00E+00	-3.55E-02	1.67E-08	3.14E-07	7.71E-01	2.68E+01	4.52E-04	0.00E+00	9.10E+01	4.74E-01	1.65E+02	0.00E+00	1.28E-06	5.83E-07	3.83E-02	1.32E-05	1.59E+01	0.00E+00	1.65E+02	3.49E-05	1.65E+02	1.81E+02	1.59E+01	0.00E+00	0.00E+00	0.00E+00	3.20E+03
FWB42K5	5.62E-02	1.38E+01	7.53E-01	1.30E+01	0.00E+00	0.00E+00	1.29E+02	2.62E-04	1.28E-02	1.28E-01	0.00E+00	-3.47E-02	1.90E-08	2.95E-07	8.20E-01	2.67E+01	4.52E-04	0.00E+00	9.17E+01	4.64E-01	1.73E+02	0.00E+00	1.32E-06	5.83E-07	3.49E-02	1.30E-05	1.60E+01	0.00E+00	1.73E+02	3.96E-05	1.73E+02	1.89E+02	1.60E+01	0.00E+00	0.00E+00	0.00E+00	3.19E+03
FWB42M2	5.99E-02	1.44E+01	7.86E-01	1.36E+01	0.00E+00	0.00E+00	1.34E+02	2.70E-04	1.47E-02	1.34E-01	0.00E+00	-3.58E-02	2.01E-08	3.21E-07	8.68E-01	2.80E+01	5.42E-04	0.00E+00	9.56E+01	4.79E-01	1.80E+02	0.00E+00	1.38E-06	6.04E-07	3.64E-02	1.35E-05	1.67E+01	0.00E+00	1.80E+02	3.97E-05	1.80E+02	1.96E+02	1.67E+01	0.00E+00	0.00E+00	0.00E+00	3.31E+03
FWB42P2	4.94E-02	1.22E+01	7.05E-01	1.15E+01	0.00E+00	0.00E+00	1.17E+02	2.35E-04	1.15E-02	1.13E-01	0.00E+00	-3.44E-02	1.71E-08	2.69E-07	7.39E-01	2.38E+01	4.52E-04	0.00E+00	8.24E+01	4.60E-01	1.52E+02	0.00E+00	1.17E-06	5.10E-07	3.06E-02	1.27E-05	1.43E+01	0.00E+00	1.52E+02	3.27E-05	1.52E+02	1.67E+02	1.43E+01	0.00E+00	0.00E+00	0.00E+00	2.85E+03
FWB42S	6.38E-02	1.44E+01	8.06E-01	1.36E+01	0.00E+00	0.00E+00	1.36E+02	2.74E-04	1.77E-02	1.34E-01	0.00E+00	-3.71E-02	2.05E-08	3.55E-07	8.69E-01	2.86E+01	5.42E-04	0.00E+00	9.72E+01	4.96E-01	1.80E+02	0.00E+00	1.39E-06	6.10E-07	3.66E-02	1.39E-05	1.70E+01	0.00E+00	1.80E+02	3.93E-05	1.80E+02	1.97E+02	1.70E+01	0.00E+00	0.00E+00	0.00E+00	3.37E+03
FWB43S	9.60E-02	2.19E+01	1.17E+00	2.08E+01	0.00E+00	0.00E+00	1.93E+02	3.87E-04	2.69E-02	2.05E-01	0.00E+00	-5.34E-02	2.65E-08	5.07E-07	1.31E+00	4.22E+01	6.34E-04	0.00E+00	1.40E+02	7.13E-01	2.71E+02	0.00E+00	2.10E-06	9.14E-07	5.58E-02	2.00E-05	2.47E+01	0.00E+00	2.71E+02	6.00E-05	2.71E+02	2.95E+02	2.47E+01	0.00E+00	0.00E+00	0.00E+00	4.81E+03
FWB44S	1.20E-01	2.62E+01	1.52E+00	2.47E+01	0.00E+00	0.00E+00	2.59E+02	5.20E-04	3.35E-02	2.45E-01	0.00E+00	-6.96E-02	3.64E-08	6.78E-07	1.64E+00	5.40E+01	7.25E-04	0.00E+00	1.84E+02	9.28E-01	3.39E+02	0.00E+00	2.60E-06	1.14E-06	6.74E-02	2.58E-05	3.21E+01	0.00E+00	3.39E+02	7.36E-05	3.39E+02	3.71E+02	3.21E+01	0.00E+00	0.00E+00	0.00E+00	6.39E+03
FWB51D1	2.57E-02	7.04E+00	3.62E-01	6.68E+00	0.00E+00	0.00E+00	6.14E+01	1.22E-04	5.64E-03	6.36E-02	0.00E+00	-1.68E-02	7.54E-09	1.34E-07	3.83E-01	1.24E+01	4.91E-04	0.00E+00	4.30E+01	2.27E-01	7.91E+01	0.00E+00	6.09E-07	2.68E-07	1.68E-02	6.46E-06	7.50E+00	0.00E+00	7.91E+01	1.65E-05	7.91E+01	8.65E+01	7.50E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+03

End of life C1-C4	FWB51S	4.89E-02	1.33E+01	5.62E-01	1.28E+01	0.00E+00	0.00E+00	1.07E+02	2.10E-04	1.33E-02	1.18E-01	0.00E+00	-2.09E-02	1.53E-08	2.63E-07	6.21E-01	2.17E+01	4.52E-04	0.00E+00	7.38E+01	2.82E-01	1.31E+02	0.00E+00	1.02E-06	4.62E-07	3.07E-02	8.28E-06	1.29E+01	0.00E+00	1.31E+02	2.67E-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	9.52E+00	4.72E-01	9.04E+00	0.00E+00	0.00E+00	8.28E+01	1.66E-04	1.07E-02	8.75E-02	0.00E+00	-2.00E-02	1.11E-08	2.10E-07	5.35E-01	1.76E+01	4.04E-04	0.00E+00	5.92E+01	2.68E-01	1.11E+02	0.00E+00	8.59E-07	3.79E-07	2.36E-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	2.05E+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	-3.10E-02	1.03E-08	1.79E-07	5.15E-01	1.66E+01	5.82E-04	0.00E+00	5.72E+01	4.16E-01	1.06E+02	0.00E+00	8.17E-07	3.58E-07	2.24E-02	1.13E-05	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	7.34E-02	1.74E+01	9.00E-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	-3.55E-02	2.09E-08	3.95E-07	1.05E+00	3.46E+01	4.52E-04	0.00E+00	1.19E+02	4.75E-01	2.21E+02	0.00E+00	1.69E-06	7.50E-07	4.45E-02	1.36E-05	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	7.06E-02	1.72E+01	8.82E-01	1.63E+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	2.39E-08	3.74E-07	1.04E+00	3.39E+01	4.52E-04	0.00E+00	1.17E+02	4.65E-01	2.18E+02	0.00E+00	1.67E-06	7.38E-07	4.38E-02	1.34E-05	2.04E+01	0.00E+00	2.18E+02	5.12E-05	2.18E+02	2.39E+02	2.04E+01	0.00E+00	0.00E+00	0.00E+00	4.09E+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	1.66E-01	0.00E+00	-3.58E-02	2.52E-08	4.05E-07	1.09E+00	3.52E+01	5.43E-04	0.00E+00	1.21E+02	4.80E-01	2.24E+02	0.00E+00	1.72E-06	7.53E-07	4.50E-02	1.39E-05	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	9.26E-01	1.72E+01	0.00E+00	0.00E+00	1.81E+02	3.65E-04	1.51E-02	1.70E-01	0.00E+00	-3.36E-02	2.54E-08	3.94E-07	1.13E+00	3.63E+01	5.43E-04	0.00E+00	1.27E+02	4.51E-01	2.33E+02	0.00E+00	1.78E-06	7.78E-07	4.60E-02	1.33E-05	2.21E+01	0.00E+00	2.33E+02	5.25E-05	2.33E+02	2.55E+02	2.21E+01	0.00E+00	0.00E+00	0.00E+00	4.41E+03
	FWB52N3	7.24E-02	1.82E+01	9.26E-01	1.72E+01	0.00E+00	0.00E+00	1.81E+02	3.65E-04	1.51E-02	1.70E-01	0.00E+00	-3.36E-02	2.54E-08	3.94E-07	1.13E+00	3.63E+01	5.43E-04	0.00E+00	1.27E+02	4.51E-01	2.33E+02	0.00E+00	1.78E-06	7.78E-07	4.60E-02	1.33E-05	2.21E+01	0.00E+00	2.33E+02	5.25E-05	2.33E+02	2.55E+02	2.21E+01	0.00E+00	0.00E+00	0.00E+00	4.41E+03
	FWB52P2	6.16E-02	1.52E+01	8.23E-01	1.44E+01	0.00E+00	0.00E+00	1.51E+02	3.02E-04	1.40E-02	1.41E-01	0.00E+00	-3.44E-02	2.15E-08	3.42E-07	9.32E-01	3.02E+01	4.52E-04	0.00E+00	1.06E+02	4.60E-01	1.92E+02	0.00E+00	1.47E-06	6.42E-07	3.82E-02	1.31E-05	1.83E+01	0.00E+00	1.92E+02	4.18E-05	1.92E+02	2.11E+02	1.83E+01	0.00E+00	0.00E+00	0.00E+00	3.66E+03
	FWB53K1	1.41E-01	2.77E+01	1.24E+00	2.65E+01	0.00E+00	0.00E+00	2.24E+02	4.46E-04	2.75E-02	2.46E-01	0.00E+00	-5.18E-02	2.86E-08	5.47E-07	1.31E+00	4.58E+01	4.52E-04	0.00E+00	1.56E+02	6.91E-01	2.81E+02	0.00E+00	2.17E-06	9.89E-07	6.47E-02	1.96E-05	2.72E+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	5.49E+03
	FWB53N	1.03E-01	3.09E+01	1.27E+00	2.96E+01	0.00E+00	0.00E+00	2.44E+02	4.75E-04	2.38E-02	2.71E-01	0.00E+00	-4.84E-02	3.54E-08	5.33E-07	1.41E+00	4.81E+01	6.34E-04	0.00E+00	1.66E+02	6.49E-01	2.95E+02	0.00E+00	2.29E-06	1.03E-06	6.97E-02	1.89E-05	2.90E+01	0.00E+00	2.95E+02	5.89E-05	2.95E+02	3.24E+02	2.90E+01	0.00E+00	0.00E+00	0.00E+00	5.83E+03
	FWB53N3	1.00E-01	2.50E+01	1.29E+00	2.37E+01	0.00E+00	0.00E+00	2.48E+02	5.00E-04	2.09E-02	2.35E-01	0.00E+00	-4.84E-02	3.56E-08	5.39E-07	1.57E+00	5.01E+01	6.35E-04	0.00E+00	1.75E+02	6.49E-01	3.24E+02	0.00E+00	2.48E-06	1.08E-06	6.37E-02	1.89E-05	3.04E+01	0.00E+00	3.24E+02	7.40E-05	3.24E+02	3.54E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	6.05E+03
	FWB53S	1.05E-01	2.36E+01	1.28E+00	2.23E+01	0.00E+00	0.00E+00	2.31E+02	4.63E-04	2.83E-02	2.20E-01	0.00E+00	-5.34E-02	3.51E-08	5.88E-07	1.45E+00	4.78E+01	6.33E-04	0.00E+00	1.64E+02	7.14E-01	3.01E+02	0.00E+00	2.31E-06	1.01E-06	6.02E-02	2.02E-05	2.85E+01	0.00E+00	3.01E+02	6.60E-05	3.01E+02	3.29E+02	2.85E+01	0.00E+00	0.00E+00	0.00E+00	5.67E+03
	FWB54S	1.34E-01	2.99E+01	1.64E+00	2.82E+01	0.00E+00	0.00E+00	2.94E+02	5.90E-04	3.65E-02	2.79E-01	0.00E+00	-6.96E-02	4.21E-08	7.55E-07	1.86E+00	6.10E+01	7.23E-04	0.00E+00	2.09E+02	9.29E-01	3.84E+02	0.00E+00	2.94E-06	1.29E-06	7.65E-02	2.62E-05	3.64E+01	0.00E+00	3.84E+02	8.41E-05	3.84E+02	4.20E+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	9.30E+00	0.00E+00	0.00E+00	9.46E+01	1.89E-04	7.98E-03	8.96E-02	0.00E+00	-1.90E-02	1.19E-08	2.06E-07	5.68E-01	1.86E+01	4.52E-04	0.00E+00	6.56E+01	2.55E-01	1.17E+02	0.00E+00	8.97E-07	3.95E-07	2.40E-02	7.46E-06	1.14E+01	0.00E+00	1.17E+02	2.52E-05	1.17E+02	1.29E+02	1.14E+01	0.00E+00	0.00E+00	0.00E+00	2.29E+03
	FWB61S	5.14E-02	1.17E+01	6.09E-01	1.11E+01	0.00E+00	0.00E+00	1.21E+02	2.44E-04	1.28E-02	1.10E-01	0.00E+00	-2.09E-02	1.64E-08	2.92E-07	7.49E-01	2.45E+01	4.52E-04	0.00E+00	8.53E+01	2.82E-01	1.55E+02	0.00E+00	1.18E-06	5.18E-07	3.03E-02	8.40E-06	1.48E+01	0.00E+00	1.55E+02	3.48E-05	1.55E+02	1.70E+02	1.48E+01	0.00E+00	0.00E+00	0.00E+00	2.97E+03
	FWB62D1	3.87E-02	1.06E+01	5.92E-01	1.00E+01	0.00E+00	0.00E+00	9.32E+01	1.86E-04	8.50E-03	9.58E-02	0.00E+00	-3.10E-02	1.18E-08	2.04E-07	5.82E-01	1.88E+01	5.82E-04	0.00E+00	6.52E+01	4.16E-01	1.20E+02	0.00E+00	9.24E-07	4.05E-07	2.54E-02	1.14E-05	1.14E+01	0.00E+00	1.20E+02	2.43E-05	1.20E+02	1.31E+02	1.14E+01	0.00E+00	0.00E+00	0.00E+00	2.26E+03
	FWB62K1	1.19E-01	2.35E+01	1.00E+00	2.25E+01	0.00E+00	0.00E+00	1.97E+02	3.94E-04	2.15E-02	2.10E-01	0.00E+00	-3.55E-02	2.46E-08	4.57E-07	1.16E+00	3.99E+01	4.52E-04	0.00E+00	1.37E+02	4.75E-01	2.48E+02	0.00E+00	1.91E-06	8.68E-07	5.56E-02	1.40E-05	2.38E+01	0.00E+00	2.48E+02	5.55E-05	2.48E+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	9.89E-01	1.93E+01	0.00E+00	0.00E+00	1.95E+02	3.98E-04	1.83E-02	1.90E-01	0.00E+00	-3.47E-02	2.83E-08	4.39E-07	1.22E+00	4.00E+01	4.52E-04	0.00E+00	1.38E+02	4.65E-01	2.57E+02	0.00E+00	1.97E-06	8.71E-07	5.16E-02	1.37E-05	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	2.06E+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	-3.65E-02	2.98E-08	4.85E-07	1.27E+00	4.13E+01	5.43E-04	0.00E+00	1.43E+02	4.90E-01	2.62E+02	0.00E+00	2.01E-06	8.79E-07	5.24E-02	1.44E-05	2.49E+01	0.00E+00	2.62E+02	5.84E-05	2.62E+02	2.87E+02	2.49E+01	0.00E+00	0.00E+00	0.00E+00	4.95E+03
	FWB62N	8.54E-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	2.00E-01	0.00E+00	-3.38E-02	3.00E-08	4.61E-07	1.33E+00	4.26E+01	5.45E-04	0.00E+00	1.49E+02	4.54E-01	2.74E+02	0.00E+00	2.10E-06	9.17E-07	5.42E-02	1.37E-05	2.59E+01	0.00E+00	2.74E+02	6.30E-05	2.74E+02	3.00E+02	2.59E+01	0.00E+00	0.00E+00	0.00E+00	5.17E+03
	FWB62N3	8.60E-02	2.16E+01	1.04E+00	2.06E+01	0.00E+00	0.00E+00	2.12E+02	4.27E-04	1.80E-02	2.02E-01	0.00E+00	-3.38E-02	3.01E-08	4.61E-07	1.34E+00	4.28E+01	5.44E-04	0.00E+00	1.49E+02	4.54E-01	2.76E+02	0.00E+00	2.11E-06	9.22E-07	5.48E-02	1.37E-05	2.60E+01	0.00E+00	2.76E+02	6.32E-05	2.76E+02	3.02E+02	2.60E+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	2.50E-02	2.18E-01	0.00E+00	-3.71E-02	2.99E-08	4.96E-07	1.16E+00	4.04E+01	5.42E-04	0.00E+00	1.38E+02	4.97E-01	2.44E+02	0.00E+00	1.89E-06	8.59E-07	5.69E-02	1.46E-05	2.41E+01	0.00E+00	2.44E+02	4.95E-05	2.44E+02	2.68E+02	2.41E+01	0.00E+00	0.00E+00	0.00E+00	4.86E+03
	FWB63D1	4.56E-02	1.27E+01	7.63E-01	1.19E+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-07	6.87E-01	2.20E+01	6.72E-04	0.00E+00	7.58E+01	6.04E-01	1.41E+02	0.00E+00	1.09E-06	4.76E-07	3.00E-02	1.62E-05	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	1.64E-01	3.24E+01	1.39E+00	3.10E+01	0.00E+00	0.00E+00	2.66E+02	5.30E-04	3.13E-02	2.89E-01	0.00E+00	-5.18E-02	3.42E-08	6.38E-07	1.56E+00	5.42E+01	5.42E-04	0.00E+00	1.85E+02	6.92E-01	3.33E+02	0.00E+00	2.57E-06	1.17E-06	7.60E-02	2.01E-05	3.22E+01	0.00E+00	3.33E+02	7.21E-05	3.33E+02	3.65E+02	3.22E+01	0.00E+00	0.00E+00	0.00E+00	6.51E+03
	FWB63K5	1.12E-01	2.70E+01	1.36E+00	2.56E+01	0.00E+00	0.00E+00	2.63E+02	5.33E-04	2.53E-02	2.53E-01	0.00E+00	-5.03E-02	3.96E-08	5.99E-07	1.65E+00	5.38E+01	5.43E-04	0.00E+00	1.86E+02	6.73E-01	3.46E+02	0.00E+00	2.65E-06	1.16E-06	6.90E-02	1.96E-05	3.23E+01	0.00E+00	3.46E+02	8.07E-05	3.46E+02	3.78E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	6.47E+03
	FWB63N	1.16E-01	2.90E+01	1.44E+00	2.76E+01	0.00E+00	0.00E+00	2.89E+02	5.82E-04	2.43E-02	2.72E-01	0.00E+00	-4.83E-02	4.20E-08	6.29E-07	1.82E+00	5.82E+01	6.36E-04	0.00E+00	2.03E+02	6.47E-01	3.76E+02	0.00E+00	2.87E-06	1.25E-06	7.38E-02	1.93E-05	3.54E+01	0.00E+00	3.76E+02	8.59E-05	3.76E+02	4.11E+02	3.54E+01	0.00E+00	0.00E+00	0.00E+00	7.04E+03
	FWB63N3	1.17E-01	2.92E+01	1.44E+00	2.78E+01	0.00E+00	0.00E+00	2.89E+02	5.82E-04	2.45E-02	2.75E-01	0.00E+00	-4.84E-02	4.21E-08	6.30E-07	1.83E+00	5.85E+01	6.35E-04	0.00E+00	2.04E+02	6.49E-01	3.78E+02	0.00E+00	2.89E-06	1.26E-06	7.44E-02	1.94E-05	3.55E+01	0.00E+00	3.78E+02	8.60E-05	3.78E+02	4.13E+02	3.55E+01	0.00E+00	0.00E+00	0.00E+00	7.05E+03
	FWB63S	1.68E-01	3.35E+01	1.41E+00	3.21E+01	0.00E+00	0.00E+00	2.69E+02	5.25E-04	3.47E-02	2.95E-01	0.00E+00	-5.34E-02	4.14E-08	6.72E-07	1.55E+00	5.43E+01	6.33E-04	0.00E+00	1.85E+02	7.14E-01	3.26E+02	0.00E+00	2.53E-06	1.15E-06	7.69E-02	2.07E-05	3.22E+01	0.00E+00	3.26E+02	6.55E-05	3.26E+02	3.59E+02	3.22E+01	0.00E+00	0.00E+00	0.00E+00	6.51E+03
	FWB64N	1.40E-01	3.42E+01	1.76E+00	3.24E+01	0.00E+00	0.00E+00	3.47E+02	7.03E-04	2.89E-02	3.23E-01	0.00E+00	-6.30E-02	4.81E-08	7.55E-07	2.20E+00	7.02E+01	7.23E-04	0.00E+00	2.45E+02	8.43E-01	4.55E+02	0.00E+00	3.48E-06	1.51E-06	8.81E-02	2.47E-05	4.26E+01	0.00E+00	4.55E+02	1.05E-04	4.55E+02	4.98E+02	4.26E+01	0.00E+00	0.00E+00	0.00E+00	8.49E+03
	FWB64N3	1.42E-01	3.55E+01	1.77E+00	3.37E+01	0.00E+00	0.00E+00	3.47E+02	6.99E-04	2.97E-02	3.33E-01	0.00E+00	-6.30E-02	4.83E-08	7.56E-07	2.22E+00	7.06E+01	7.26E-04	0.00E+00	2.45E+02	8.43E-01	4.57E+02	0.00E+00	3.50E-06	1.52E-06	9.02E-02	2.48E-05	4.27E+01	0.00E+00	4.57E+02	1.04E-04	4.57E+02	5.00E+02	4.27E+01	0.00E+00	0.00E+00	0.00E+00	8.47E+03
	FWB64S	1.51E-01	3.36E+01	1.82E+00	3.18E+01	0.00E+00	0.00E+00	3.44E+02	6.91E-04	3.99E-02	3.16E-01	0.00E+00	-6.94E-02	4.90E-08	8.63E-07	2.15E+00	7.05E+01	6.33E-04	0.00E+00	2.43E+02	9.26E-01	4.44E+02	0.00E+00	3.39E-06	1.49E-06	8.69E-02	2.66E-05	4.23E+01	0.00E+00	4.44E+02	9.84E-05	4.44E+02	4.87E+02	4.23E+01	0.00E+00	0.00E+00	0.00E+00	8.45E+03
	FWB71D1	3.16E-02	8.81E+00	4.27E-01	8.38E+00	0.00E+00	0.00E+00	7.52E+01	1.50E-04	7.01E-03	7.93E-02	0.00E+00	-1.86E-02	7.97E-09	1.65E-07	4.66E-01	1.52E+01	4.04E-04	0.00E+00	5.26E+01	2.50E-01	9.64E+01	0.00E+00	7.44E-07	3.28E-07	2.09E-02	7.14E-06	9.18E+00	0.00E+00	9.64E+01	2.01E-05	9.64E+01	1.06E+02	9.18E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+03
	FWB71S	5.99E-02	1.61E+01	6.69E-01	1.54E+01	0.00E+00	0.00E+00	1.38E+02	2.72E-04	1.56E-02	1.43E-01	0.00E+00	-2.09E-02	1.87E-08	3.31E-07	7.92E-01	2.74E+01	4.52E-04	0.00E+00	9.49E+01	2.82E-01	1.66E+02	0.00E+00	1.28E-06	5.81E-07	3.76E-02	8.61E-06	1.65E+01	0.00E+00	1.66E+02	3.47E-05	1.66E+02	1.83E+02	1.65E+01	0.00E+00	0.00E+00	0.00E+00	3.34E+03
	FWB72K1	9.58E-02	2.52E+01	1.09E+00	2.41E+01	0.00E+00	0.00E+00	2.23E+02	4.49E-04	2.30E-02	2.27E-01	0.00E+00	-3.55E-02	2.79E-08	5.17E-07	1.30E+00	4.47E+01	4.52E-04	0.00E+00	1.55E+02	4.75E-01	2.77E+02	0.00E+00	2.12E-06	9.63E-07	6.04E-02	1.42E-05	2.69E+01	0.00E+00	2.77E+02	6.22E-05	2.77E+02	3.04E+02	2.69E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+03
	FWB72K5	9.10E-02	2.18E+01	1.08E+00	2.08E+01	0.00E+00	0.00E+00	2.22E+02	4.52E-04	1.97E-02	2.05E-01	0.00E+00	-3.47E-02	3.22E-08	4.96E-07	1.36E+00	4.47E+01	4.53E-04	0.00E+00	1.56E+02	4.66E-01	2.86E+02	0.00E+00	2.18E-06	9.64E-07	5.62E-02	1.40E-05	2.71E+01	0.00E+00	2.86E+02	6.81E-05	2.86E+02	3.13E+02	2.71E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+03
	FWB72M2	9.90E-02	2.36E+01	1.14E+00	2.25E+01	0.00E+00	0.00E+00	2.32E+02	4.64E-04	2.41E-02	2.21E-01	0.00E+00	-3.65E-02	3.41E-08	5.48E-07	1.45E+00	4.72E+01	5.44E-04	0.00E+00	1.63E+02	4.91E-01	2.99E+02	0.00E+00	2.29E-06	1.00E-06	5.99E-02	1.48E-05	2.84E+01	0.00E+00	2.99E+02	6.73E-05	2.99E+02	3.28E+02	2.84E+01	0.00E+00	0.00E+00	0.00E+00	5.66E+03
	FWB72N	9.54E-02	2.39E+01	1.14E+00	2.28E+01	0.00E+00	0.00E+00	2.40E+02	4.83E-04	2.00E-02	2.24E-01	0.00E+00	-3.38E-02	3.42E-08	5.22E-07	1.49E+00	4.79E+01	5.45E-04	0.00E+00	1.68E+02	4.54E-01	3.07E+02	0.00E+00	2.35E-06	1.02E-06	6.06E-02	1.40E-05	2.92E+01	0.00E+00	3.07E+02	7.01E-05	3.07E+02	3.36E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	5.83E+03
	FWB72N3	9.54E-02	2.39E+01	1.14E+00	2.28E+01	0.00E+00	0.00E+00	2.40E+02	4.83E-04	2.00E-02	2.24E-01	0.00E+00	-3.38E-02	3.42E-08	5.22E-07	1.49E+00	4.79E+01	5.45E-04	0.00E+00	1.68E+02	4.54E-01	3.07E+02	0.00E+00	2.35E-06	1.02E-06	6.06E-02	1.40E-05	2.92E+01	0.00E+00	3.07E+02	7.01E-05	3.07E+02	3.36E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	5.83E+03
	FWB72S	9.83E-02	2.57E+01	1.12E+00	2.46E+01	0.00E+00	0.00E+00	2.29E+02	4.50E-04	2.61E-02	2.29E-01	0.00E+00	-3.71E-02	3.38E-08	5.56E-07	1.30E+00	4.51E+01	5.43E-04	0.00E+00	1.57E+02	4.98E-01	2.72E+02	0.00E+00	2.09E-06	9.47E-07	6.04E-02	1.48E-05	2.71E+01	0.00E+00	2.72E+02	5.62E-05	2.72E+02	2.99E+02	2.71E+01	0.00E+00	0.00E+00	0.00E+00	5.51E+03
	FWB73N	1.17E-01	2.87E+01	1.44E+00	2.73E+01	0.00E+00	0.00E+00	2.92E+02	5.88E-04	2.42E-02	2.71E-01	0.00E+00	-4.83E-02	4.46E-08	6.35E-07	1.84E+00	5.87E+01	6.33E-04	0.00E+00	2.05E+02	6.47E-01	3.80E+02	0.00E+00	2.90E-06	1.26E-06	7.37E-02	1.93E-05	3.57E+01	0.00E+00	3.80E+02	8.68E-05	3.80E+02	4.15E+02	3.57E+01	0.00E+00	0.00E+00	0.00E+00	7.11E+03
	FWB73N3	1.25E-01	3.12E+01	1.51E+00	2.97E+01	0.00E+00	0.00E+00	3.10E+02	6.24E-04	2.61E-02	2.93E-01	0.00E+00	-4.83E-02	4.64E-08	6.75E-07	1.95E+00	6.24E+01	6.35E-04	0.00E+00	2.18E+02	6.48E-01	4.02E+02	0.00E+00	3.08E-06	1.34E-06	7.93E-02	1.95E-05	3.79E+01	0.00E+00	4.02E+02	9.16E-05	4.02E+02	4.40E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	7.54E+03
	FWB74N	1.56E-01	3.82E+01	1.93E+00	3.62E+01	0.00E+00	0.00E+00	3.96E+02	7.99E-04	3.22E-02	3.60E-01	0.00E+00	-6.30E-02	5.95E-08	8.60E-07	2.48E+00	7.92E+01	7.23E-04	0.00E+00	2.78E+02	8.43E-01	5.10E+02	0.00E+00	3.89E-06	1.69E-06	9.83E-02	2.52E-05	4.83E+01	0.00E+00	5.10E+02	1.17E-04	5.10E+02	5.59E+02	4.83E+01	0.00E+00	0.00E+00	0.00E+00	9.64E+03
	FWB74N3	1.59E-01	3.94E+01	1.94E+00	3.75E+01	0.00E+00	0.00E+00	3.97E+02	7.99E-04	3.31E-02	3.71E-01	0.00E+00	-6.30E-02	5.97E-08	8.62E-07	2.49E+00	7.97E+01	7.28E-04	0.00E+00	2.79E+02	8.43E-01	5.13E+02	0.00E+00	3.92E-06	1.71E-06	1.01E-01	2.53E-05	4.84E+01	0.00E+00	5.13E+02	1.17E-04	5.13E+02	5.62E+02	4.84E+01	0.00E+00	0.00E+00	0.00E+00	9.65E+03
	FWB74S	1.70E-01	4.37E+01	1.97E+00	4.17E+01	0.00E+00	0.00E+00	3.91E+02	7.68E-04	4.61E-02	3.90E-01	0.00E+00	-6.96E-02	6.04E-08	9.66E-07	2.21E+00	7.71E+01	7.25E-04	0.00E+00	2.67E+02	9.30E-01	4.64E+02	0.00E+00	3.56E-06	1.61E-06	1.03E-01	2.72E-05	4.64E+01	0.00E+00	4.64E+02	9.48E-05	4.64E+02	5.10E+02	4.64E+01	0.00E+00	0.00E+00	0.00E+00	9.42E+03
	FWB81D1	3.42E-02	9.00E+00	4.71E-01	8.53E+00	0.00E+00	0.00E+00	8.83E+01	1.77E-04	7.30E-03	8.20E-02	0.00E+00	-1.92E-02	9.05E-09	1.93E-07	5.21E-01	1.72E+01	4.04E-04	0.00E+00	6.10E+01	2.58E-01	1.08E+02	0.00E+00	8.21E-07	3.63E-07	2.19E-02	7.43E-06	1.06E+01	0.00E+00	1.08E+02	2.27E-05	1.08E+02	1.18E+02	1.06E+01	0.00E+00	0.00E+00	0.00E+00	2.13E+03
	FWB81S	6.49E-02	1.56E+01	7.51E-01	1.48E+01	0.00E+00	0.00E+00	1.62E+02	3.26E-04	1.48E-02	1.46E-01	0.00E+00	-2.10E-02	2.16E-08	3.70E-07	9.78E-01	3.21E+01	4.91E-04	0.00E+00	1.13E+02	2.84E-01	2.02E+02	0.00E+00	1.54E-06	6.76E-07	3.96E-02	8.89E-06	1.96E+01	0.00E+00	2.02E+02	4.55E-05	2.02E+02	2.22E+02	1.96E+01	0.00E+00	0.00E+00	0.00E+00	3.94E+03
	FWQ32P1	3.58E-02	8.09E+00	5.71E-01	7.52E+00	0.00E+00	0.00E+00	7.94E+01	1.61E-04	9.49E-03	7.47E-02	0.00E+00	-3.45E-02	1.07E-08	2.02E-07	4.99E-01	1.65E+01	4.04E-04	0.00E+00	5.65E+01	4.60E-01	1.04E+02	0.00E+00	7.94E-07	3.50E-07	2.06E-02	1.22E-05	9.81E+00	0.00E+00	1.04E+02	2.16E-05	1.04E+02	1.14E+02	9.81E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+03
	FWQ41P	3.88E-02	8.86E+00	4.99E-01	8.36E+00	0.00E+00	0.00E+00	9.06E+01	1.84E-04	9.66E-03	8.32E-02	0.00E+00	-2.07E-02	1.05E-08	2.20E-07	5.66E-01	1.85E+01	4.52E-04	0.00E+00	6.42E+01	2.79E-01	1.17E+02	0.00E+00	8.94E-07	3.92E-07	2.28E-02	8.00E-06	1.11E+01	0.00E+00	1.17E+02	2.61E-05	1.17E+02	1.28E+02	1.11E+01	0.00E+00	0.00E+00	0.00E+00	2.23E+03
	FWQ42P1	4.89E-02	1.16E+01	6.52E-01	1.09E+01	0.00E+00	0.00E+00	9.60E+01	1.93E-04	1.38E-02	1.06E-01	0.00E+00	-3.52E-02	1.36E-08	2.54E-07	6.51E-01	2.11E+01	4.04E-04	0.00E+00	6.98E+01	4.70E-01	1.35E+02	0.00E+00	1.05E-06	4.61E-07	2.87E-02	1.28E-05	1.23E+01	0.00E+00	1.35E+02	2.90E-05	1.35E+02	1.48E+02	1.23E+01	0.00E+00	0.00E+00	0.00E+00	2.40E+03
	FWQ43P	8.43E-02	1.89E+01	1.12E+00	1.77E+01	0.00E+00	0.00E+00	1.87E+02	3.77E-04	2.24E-02	1.77E-01	0.00E+00	-5.29E-02	2.53E-08	4.73E-07	1.19E+00	3.89E+01	6.33E-04	0.00E+00	1.33E+02	7.06E-01	2.47E+02	0.00E+00	1.89E-06	8.27E-07	4.86E-02	1.96E-05	2.32E+01	0.00E+00	2.47E+02	5.39E-05	2.47E+02	2.70E+02	2.32E+01	0.00E+00	0.00E+00	0.00E+00	4.62E+03
	FWQ44P	1.14E-01	2.58E+01	1.49E+00	2.44E+01	0.00E+00	0.00E+00	2.54E+02	5.11E-04	3.03E-02	2.42E-01	0.00E+00	-6.88E-02	3.56E-08	6.39E-07	1.61E+00	5.26E+01	7.25E-04	0.00E+00	1.80E+02	9.19E-01	3.33E+02	0.00E+00	2.55E-06	1.12E-06	6.62E-02	2.55E-05	3.14E+01	0.00E+00	3.33E+02	7.26E-05	3.33E+02	3.65E+02	3.14E+01	0.00E+00	0.00E+00	0.00E+00	6.25E+03
	FWQ51P	5.12E-02	1.20E+01	6.02E-01	1.14E+01	0.00E+00	0.00E+00	1.18E+02	2.37E-04	1.30E-02	1.12E-01	0.00E+00	-2.11E-02	1.70E-08	2.88E-07	7.29E-01	2.40E+01	4.52E-04	0.00E+00	8.31E+01	2.84E-01	1.51E+02	0.00E+00	1.16E-06	5.09E-07	3.04E-02	8.44E-06	1.45E+01	0.00E+00	1.51E+02	3.35E-05	1.51E+02	1.65E+02	1.45E+01	0.00E+00	0.00E+00	0.00E+00	2.89E+03
	FWQ52P	7.69E-02	1.75E+01	9.30E-01	1.66E+01	0.00E+00	0.00E+00	1.71E+02	3.42E-04	2.07E-02	1.63E-01	0.00E+00	-3.75E-02	2.50E-08	4.32E-07	1.07E+00	3.52E+01	5.43E-04	0.00E+00	1.21E+02	5.02E-01	2.22E+02	0.00E+00	1.70E-06	7.47E-07	4.46E-02	1.44E-05	2.10E+01	0.00E+00	2.22E+02	4.87E-05	2.22E+02	2.43E+02	2.10E+01	0.00E+00	0.00E+00	0.00E+00	4.20E+03
	FWQ52P1	6.11E-02	1.41E+01	7.52E-01	1.34E+01	0.00E+00	0.00E+00	1.22E+02	2.44E-04	1.76E-02	1.30E-01	0.00E+00	-3.60E-02	1.70E-08	3.27E-07	8.06E-01	2.64E+01	4.04E-04	0.00E+00	8.79E+01	4.80E-01	1.67E+02	0.00E+00	1.30E-06	5.70E-07	3.53E-02	1.33E-05	1.54E+01	0.00E+00	1.67E+02	3.62E-05	1.67E+02	1.83E+02	1.54E+01	0.00E+00	0.00E+00	0.00E+00	3.04E+03
	FWQ53P	1.03E-01	2.26E+01	1.27E+00	2.13E+01	0.00E+00	0.00E+00	2.29E+02	4.60E-04	2.81E-02	2.12E-01	0.00E+00	-5.40E-02	3.47E-08	5.88E-07	1.44E+00	4.72E+01	6.33E-04	0.00E+00	1.62E+02	7.21E-01	2.97E+02	0.00E+00	2.27E-06	9.97E-07	5.84E-02	2.04E-05	2.82E+01	0.00E+00	2.97E+02	6.53E-05	2.97E+02	3.25E+02	2.82E+01	0.00E+00	0.00E+00	0.00E+00	5.63E+03
	FWQ54P	1.87E-01	3.65E+01	1.63E+00	3.49E+01	0.00E+00	0.00E+00	2.88E+02	5.62E-04	4.04E-02	3.20E-01	0.00E+00	-7.03E-02	4.15E-08	7.49E-07	1.66E+00	5.88E+01	7.23E-04	0.00E+00	1.99E+02	9.38E-01	3.51E+02	0.00E+00	2.73E-06	1.25E-06	8.36E-02	2.64E-05	3.47E+01	0.00E+00	3.51E+02	6.89E-05	3.51E+02	3.86E+02	3.47E+01	0.00E+00	0.00E+00	0.00E+00	7.00E+03
	FWQ62P	8.65E-02	1.94E+01	1.03E+00	1.83E+01	0.00E+00	0.00E+00	2.00E+02	4.02E-04	2.24E-02	1.82E-01	0.00E+00	-3.78E-02	2.94E-08	4.96E-07	1.24E+00	4.07E+01	5.42E-04	0.00E+00	1.41E+02	5.07E-01	2.57E+02	0.00E+00	1.96E-06	8.59E-07	5.01E-02	1.48E-05	2.45E+01	0.00E+00	2.57E+02	5.71E-05	2.57E+02	2.81E+02	2.45E+01	0.00E+00	0.00E+00	0.00E+00	4.90E+03
	FWQ63P	1.19E-01	2.64E+01	1.43E+00	2.50E+01	0.00E+00	0.00E+00	2.71E+02	5.43E-04	3.14E-02	2.49E-01	0.00E+00	-5.45E-02	4.12E-08	6.79E-07	1.69E+00	5.54E+01	6.33E-04	0.00E+00	1.91E+02	7.29E-01	3.49E+02	0.00E+00	2.67E-06	1.17E-06	6.83E-02	2.10E-05	3.32E+01	0.00E+00	3.49E+02	7.74E-05	3.49E+02	3.82E+02	3.32E+01	0.00E+00	0.00E+00	0.00E+00	6.64E+03
	FWQ64P	2.19E-01	4.26E+01	1.83E+00	4.08E+01	0.00E+00	0.00E+00	3.42E+02	6.67E-04	4.67E-02	3.75E-01	0.00E+00	-7.10E-02	4.93E-08	8.80E-07	1.97E+00	6.93E+01	7.23E-04	0.00E+00	2.35E+02	9.49E-01	4.15E+02	0.00E+00	3.21E-06	1.47E-06	9.79E-02	2.73E-05	4.10E+01	0.00E+00	4.15E+02	8.25E-05	4.15E+02	4.56E+02	4.10E+01	0.00E+00	0.00E+00	0.00E+00	8.28E+03
	FWQ74P	1.69E-01	3.73E+01	1.99E+00	3.54E+01	0.00E+00	0.00E+00	3.93E+02	7.89E-04	4.50E-02	3.50E-01	0.00E+00	-7.10E-02	6.03E-08	9.88E-07	2.37E+00	7.90E+01	7.23E-04	0.00E+00	2.75E+02	9.50E-01	4.92E+02	0.00E+00	3.74E-06	1.65E-06	9.62E-02	2.76E-05	4.77E+01	0.00E+00	4.92E+02	1.08E-04	4.92E+02	5.39E+02	4.77E+01	0.00E+00	0.00E+00	0.00E+00	9.60E+03
	FWU31L	1.67E-02	4.11E+00	1.40E-01	3.97E+00	0.00E+00	0.00E+00	3.73E+01	7.78E-05	3.48E-03	3.91E-02	0.00E+00	3.42E-04	5.09E-09	8.12E-08	2.40E-01	7.88E+00	1.15E-03	0.00E+00	2.69E+01	6.38E-03	5.18E+01	0.00E+00	3.96E-07	1.78E-07	1.07E-02	1.14E-06	4.71E+00	0.00E+00	5.18E+01	1.40E-05	5.18E+01	5.65E+01	4.71E+00	0.00E+00	0.00E+00	0.00E+00	9.40E+02
	FWU31S	3.30E-02	6.95E+00	2.91E-01	6.66E+00	0.00E+00	0.00E+00	7.52E+01	1.55E-04	8.50E-03	6.68E-02	0.00E+00	-1.87E-03	1.03E-08	1.88E-07	4.49E-01	1.53E+01	1.16E-03	0.00E+00	5.32E+01	3.62E-02	9.60E+01	0.00E+00	7.26E-07	3.27E-07	1.86E-02	2.24E-06	9.21E+00	0.00E+00	9.60E+01	2.44E-05	9.60E+01	1.05E+02	9.21E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+03
	FWU31S1	3.03E-02	6.79E+00	2.76E-01	6.51E+00	0.00E+00	0.00E+00	7.39E+01	1.52E-04	6.83E-03	6.51E-02	0.00E+00	-9.25E-04	1.01E-08	1.70E-07	4.40E-01	1.48E+01	1.16E-03	0.00E+00	5.19E+01	2.37E-02	9.39E+01	0.00E+00	7.09E-07	3.17E-07	1.80E-02	1.92E-06	8.99E+00	0.00E+00	9.39E+01	2.40E-05	9.39E+01	1.03E+02	8.99E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+03
	FWU32L	2.27E-02	5.79E+00	1.90E-01	5.60E+00	0.00E+00	0.00E+00	5.05E+01	1.04E-04	4.84E-03	5.45E-02	0.00E+00	3.42E-04	6.39E-09	1.10E-07	3.29E-01	1.07E+01	1.15E-03	0.00E+00	3.63E+01	6.63E-03	7.01E+01	0.00E+00	5.40E-07	2.40E-07	1.47E-02	1.32E-06	6.38E+00	0.00E+00	7.01E+01	1.83E-05	7.01E+01	7.65E+01	6.38E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+03
	FWU32M2	5.14E-02	1.16E+01	4.47E-01	1.11E+01	0.00E+00	0.00E+00	1.15E+02	2.35E-04	1.27E-02	1.11E-01	0.00E+00	-2.56E-03	1.72E-08	2.77E-07	7.27E-01	2.39E+01	1.16E-03	0.00E+00	8.20E+01	4.60E-02	1.53E+02	0.00E+00	1.17E-06	5.18E-07	3.04E-02	2.98E-06	1.43E+01	0.00E+00	1.53E+02	3.85E-05	1.53E+02	1.68E+02	1.43E+01	0.00E+00	0.00E+00	0.00E+00	2.86E+03
	FWU32S	5.14E-02	1.06E+01	4.51E-01	1.02E+01	0.00E+00	0.00E+00	1.15E+02	2.36E-04	1.41E-02	1.02E-01	0.00E+00	-3.66E-03	1.72E-08	2.99E-07	6.85E-01	2.35E+01	1.16E-03	0.00E+00	8.14E+01	6.04E-02	1.46E+02	0.00E+00	1.10E-06	4.96E-07	2.84E-02	3.25E-06	1.41E+01	0.00E+00	1.46E+02	3.60E-05	1.46E+02	1.60E+02	1.41E+01	0.00E+00	0.00E+00	0.00E+00	2.86E+03
	FWU33S	7.52E-02	1.57E+01	6.63E-01	1.50E+01	0.00E+00	0.00E+00	1.70E+02	3.45E-04	2.08E-02	1.50E-01	0.00E+00	-5.59E-03	2.35E-08	4.42E-07	1.00E+00	3.44E+01	1.16E-03	0.00E+00	1.20E+02	8.67E-02	2.12E+02	0.00E+00	1.61E-06	7.22E-07	4.15E-02	4.47E-06	2.07E+01	0.00E+00	2.12E+02	5.15E-05	2.12E+02	2.33E+02	2.07E+01	0.00E+00	0.00E+00	0.00E+00	4.20E+03
	FWU41L	2.01E-02	5.05E+00	1.70E-01	4.88E+00	0.00E+00	0.00E+00	4.60E+01	9.48E-05	4.23E-03	4.75E-02	0.00E+00	3.42E-04	5.90E-09	1.00E-07	2.88E-01	9.53E+00	1.15E-03	0.00E+00	3.27E+01	6.52E-03	6.19E+01	0.00E+00	4.74E-07	2.12E-07	1.29E-02	1.24E-06	5.72E+00	0.00E+00	6.19E+01	1.62E-05	6.19E+01	6.76E+01	5.72E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+03
	FWU41S	4.25E-02	9.33E+00	3.69E-01	8.96E+00	0.00E+00	0.00E+00	9.54E+01	1.95E-04	1.09E-02	8.91E-02	0.00E+00	-2.05E-03	1.28E-08	2.36E-07	5.87E-01	1.96E+01	1.16E-03	0.00E+00	6.77E+01	3.89E-02	1.24E+02	0.00E+00	9.46E-07	4.22E-07	2.46E-02	2.56E-06	1.18E+01	0.00E+00	1.24E+02	3.10E-05	1.24E+02	1.36E+02	1.18E+01	0.00E+00	0.00E+00	0.00E+00	2.37E+03
	FWU41S1	3.98E-02	9.17E+00	3.54E-01	8.81E+00	0.00E+00	0.00E+00	9.40E+01	1.92E-04	9.21E-03	8.75E-02	0.00E+00	-1.11E-03	1.25E-08	2.18E-07	5.78E-01	1.91E+01	1.16E-03	0.00E+00	6.65E+01	2.64E-02	1.22E+02	0.00E+00	9.29E-07	4.12E-07	2.40E-02	2.24E-06	1.16E+01	0.00E+00	1.22E+02	3.06E-05	1.22E+02	1.34E+02	1.16E+01	0.00E+00	0.00E+00	0.00E+00	2.32E+03
	FWU42K	5.94E-02	1.39E+01	5.36E-01	1.33E+01	0.00E+00	0.00E+00	1.40E+02	2.87E-04	1.32E-02	1.32E-01	0.00E+00	-3.17E-03	2.04E-08	3.18E-07	8.63E-01	2.86E+01	1.16E-03	0.00E+00	9.92E+01	5.44E-02	1.84E+02	0.00E+00	1.40E-06	6.23E-07	3.63E-02	3.44E-06	1.72E+01	0.00E+00	1.84E+02	4.69E-05	1.84E+02	2.01E+02	1.72E+01	0.00E+00	0.00E+00	0.00E+00	3.47E+03
	FWU42K1	6.27E-02	1.42E+01	5.58E-01	1.36E+01	0.00E+00	0.00E+00	1.43E+02	2.94E-04	1.50E-02	1.35E-01	0.00E+00	-4.11E-03	1.81E-08	3.40E-07	8.82E-01	2.95E+01	1.16E-03	0.00E+00	1.02E+02	6.69E-02	1.88E+02	0.00E+00	1.43E-06	6.39E-07	3.72E-02	3.78E-06	1.77E+01	0.00E+00	1.88E+02	4.79E-05	1.88E+02	2.06E+02	1.77E+01	0.00E+00	0.00E+00	0.00E+00	3.56E+03
	FWU42K2	6.20E-02	1.40E+01	5.51E-01	1.35E+01	0.00E+00	0.00E+00	1.41E+02	2.90E-04	1.49E-02	1.34E-01	0.00E+00	-4.11E-03	2.06E-08	3.36E-07	8.71E-01	2.91E+01	1.16E-03	0.00E+00	1.00E+02	6.69E-02	1.86E+02	0.00E+00	1.42E-06	6.32E-07	3.69E-02	3.76E-06	1.75E+01	0.00E+00	1.86E+02	4.74E-05	1.86E+02	2.03E+02	1.75E+01	0.00E+00	0.00E+00	0.00E+00	3.52E+03
	FWU42K3	6.72E-02	1.50E+01	5.77E-01	1.44E+01	0.00E+00	0.00E+00	1.47E+02	3.07E-04	1.58E-02	1.44E-01	0.00E+00	-4.11E-03	1.86E-08	3.49E-07	9.27E-01	3.11E+01	1.16E-03	0.00E+00	1.06E+02	6.70E-02	2.01E+02	0.00E+00	1.54E-06	6.89E-07	4.00E-02	3.86E-06	1.85E+01	0.00E+00	2.01E+02	5.40E-05	2.01E+02	2.20E+02	1.85E+01	0.00E+00	0.00E+00	0.00E+00	3.72E+03
	FWU42L	2.75E-02	7.09E+00	2.34E-01	6.86E+00	0.00E+00	0.00E+00	6.29E+01	1.28E-04	5.89E-03	6.63E-02	0.00E+00	3.42E-04	7.55E-09	1.37E-07	3.99E-01	1.31E+01	1.15E-03	0.00E+00	4.48E+01	6.83E-03	8.46E+01	0.00E+00	6.51E-07	2.90E-07	1.78E-02	1.46E-06	7.84E+00	0.00E+00	8.46E+01	2.14E-05	8.46E+01	9.25E+01	7.84E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+03
	FWU42M2	6.40E-02	1.46E+01	5.59E-01	1.41E+01	0.00E+00	0.00E+00	1.46E+02	2.96E-04	1.56E-02	1.39E-01	0.00E+00	-2.74E-03	2.15E-08	3.48E-07	9.15E-01	3.01E+01	1.16E-03	0.00E+00	1.04E+02	4.89E-02	1.92E+02	0.00E+00	1.47E-06	6.49E-07	3.82E-02	3.40E-06	1.80E+01	0.00E+00	1.92E+02	4.76E-05	1.92E+02	2.10E+02	1.80E+01	0.00E+00	0.00E+00	0.00E+00	3.60E+03
	FWU42S1	6.23E-02	1.43E+01	5.50E-01	1.37E+01	0.00E+00	0.00E+00	1.45E+02	2.94E-04	1.50E-02	1.36E-01	0.00E+00	-2.35E-03	2.13E-08	3.42E-07	9.00E-01	2.96E+01	1.16E-03	0.00E+00	1.02E+02	4.37E-02	1.89E+02	0.00E+00	1.44E-06	6.36E-07	3.73E-02	3.24E-06	1.78E+01	0.00E+00	1.89E+02	4.65E-05	1.89E+02	2.06E+02	1.78E+01	0.00E+00	0.00E+00	0.00E+00	3.57E+03
	FWU43K	8.70E-02	2.01E+01	7.87E-01	1.93E+01	0.00E+00	0.00E+00	2.06E+02	4.21E-04	1.99E-02	1.92E-01	0.00E+00	-4.55E-03	2.80E-08	4.76E-07	1.27E+00	4.20E+01	1.16E-03	0.00E+00	1.46E+02	7.37E-02	2.68E+02	0.00E+00	2.04E-06	9.04E-07	5.26E-02	4.64E-06	2.54E+01	0.00E+00	2.68E+02	6.69E-05	2.68E+02	2.93E+02	2.54E+01	0.00E+00	0.00E+00	0.00E+00	5.09E+03
	FWU43S	9.75E-02	2.10E+01	8.43E-01	2.01E+01	0.00E+00	0.00E+00	2.15E+02	4.36E-04	2.66E-02	2.00E-01	0.00E+00	-6.04E-03	3.01E-08	5.53E-07	1.33E+00	4.45E+01	1.52E-03	0.00E+00	1.53E+02	9.66E-02	2.79E+02	0.00E+00	2.13E-06	9.43E-07	5.51E-02	5.47E-06	2.66E+01	0.00E+00	2.79E+02	6.74E-05	2.79E+02	3.05E+02	2.66E+01	0.00E+00	0.00E+00	0.00E+00	5.33E+03
	FWU51L	2.34E-02	6.00E+00	2.01E-01	5.80E+00	0.00E+00	0.00E+00	5.46E+01	1.12E-04	4.98E-03	5.61E-02	0.00E+00	3.42E-04	6.71E-09	1.19E-07	3.37E-01	1.12E+01	1.15E-03	0.00E+00	3.86E+01	6.66E-03	7.21E+01	0.00E+00	5.52E-07	2.47E-07	1.51E-02	1.34E-06	6.75E+00	0.00E+00	7.21E+01	1.84E-05	7.21E+01	7.88E+01	6.75E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+03
	FWU51S	4.93E-02	1.11E+01	4.33E-01	1.06E+01	0.00E+00	0.00E+00	1.14E+02	2.31E-04	1.23E-02	1.05E-01	0.00E+00	-2.05E-03	1.67E-08	2.76E-07	6.93E-01	2.31E+01	1.16E-03	0.00E+00	8.03E+01	3.92E-02	1.46E+02	0.00E+00	1.11E-06	4.95E-07	2.89E-02	2.76E-06	1.39E+01	0.00E+00	1.46E+02	3.60E-05	1.46E+02	1.60E+02	1.39E+01	0.00E+00	0.00E+00	0.00E+00	2.81E+03

FWU51S1	4.67E-02	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	2.26E+01	1.16E-03	0.00E+00	7.90E+01	2.67E-02	1.44E+02	0.00E+00	1.10E-06	4.85E-07	2.84E-02	2.45E-06	1.37E+01	0.00E+00	1.44E+02	3.56E-05	1.44E+02	1.58E+02	1.37E+01	0.00E+00	0.00E+00	0.00E+00	2.76E+03
FWU52K	7.23E-02	1.70E+01	6.35E-01	1.64E+01	0.00E+00	0.00E+00	1.72E+02	3.52E-04	1.59E-02	1.62E-01	0.00E+00	-1.43E-03	2.45E-08	3.86E-07	1.05E+00	3.49E+01	1.16E-03	0.00E+00	1.21E+02	3.20E-02	2.24E+02	0.00E+00	1.71E-06	7.60E-07	4.44E-02	3.25E-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
FWU52K1	7.54E-02	1.73E+01	6.55E-01	1.66E+01	0.00E+00	0.00E+00	1.74E+02	3.58E-04	1.76E-02	1.65E-01	0.00E+00	-2.38E-03	2.15E-08	4.07E-07	1.07E+00	3.57E+01	1.16E-03	0.00E+00	1.24E+02	4.45E-02	2.28E+02	0.00E+00	1.74E-06	7.75E-07	4.53E-02	3.58E-06	2.15E+01	0.00E+00	2.28E+02	5.82E-05	2.28E+02	2.49E+02	2.15E+01	0.00E+00	0.00E+00	0.00E+00	4.33E+03
FWU52K2	7.49E-02	1.72E+01	6.50E-01	1.66E+01	0.00E+00	0.00E+00	1.73E+02	3.55E-04	1.75E-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	2.26E+02	0.00E+00	1.72E-06	7.70E-07	4.50E-02	3.57E-06	2.13E+01	0.00E+00	2.26E+02	5.79E-05	2.26E+02	2.48E+02	2.13E+01	0.00E+00	0.00E+00	0.00E+00	4.29E+03
FWU52K3	7.33E-02	1.67E+01	6.06E-01	1.61E+01	0.00E+00	0.00E+00	1.58E+02	3.30E-04	1.72E-02	1.60E-01	0.00E+00	-2.38E-03	2.01E-08	3.73E-07	1.00E+00	3.37E+01	1.16E-03	0.00E+00	1.14E+02	4.43E-02	2.18E+02	0.00E+00	1.67E-06	7.50E-07	4.42E-02	3.47E-06	1.99E+01	0.00E+00	2.18E+02	5.88E-05	2.18E+02	2.38E+02	1.99E+01	0.00E+00	0.00E+00	0.00E+00	4.01E+03
FWU52L	3.22E-02	8.39E+00	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	8.68E-09	1.64E-07	4.67E-01	1.54E+01	1.15E-03	0.00E+00	5.30E+01	7.02E-03	9.88E+01	0.00E+00	7.59E-07	3.38E-07	2.09E-02	1.60E-06	9.28E+00	0.00E+00	9.88E+01	2.46E-05	9.88E+01	1.08E+02	9.28E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+03
FWU52M2	7.59E-02	1.76E+01	6.72E-01	1.69E+01	0.00E+00	0.00E+00	1.78E+02	3.60E-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	4.94E-02	2.30E+02	0.00E+00	1.76E-06	7.77E-07	4.57E-02	3.75E-06	2.18E+01	0.00E+00	2.30E+02	5.64E-05	2.30E+02	2.52E+02	2.18E+01	0.00E+00	0.00E+00	0.00E+00	4.37E+03
FWU52S	7.92E-02	1.75E+01	6.90E-01	1.68E+01	0.00E+00	0.00E+00	1.79E+02	3.63E-04	2.07E-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	6.64E-02	2.31E+02	0.00E+00	1.76E-06	7.81E-07	4.58E-02	4.16E-06	2.20E+01	0.00E+00	2.31E+02	5.59E-05	2.31E+02	2.53E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	4.42E+03
FWU52S1	7.41E-02	1.72E+01	6.62E-01	1.66E+01	0.00E+00	0.00E+00	1.77E+02	3.58E-04	1.74E-02	1.64E-01	0.00E+00	-2.35E-03	2.55E-08	4.11E-07	1.09E+00	3.57E+01	1.16E-03	0.00E+00	1.24E+02	4.41E-02	2.27E+02	0.00E+00	1.73E-06	7.63E-07	4.47E-02	3.60E-06	2.16E+01	0.00E+00	2.27E+02	5.53E-05	2.27E+02	2.48E+02	2.16E+01	0.00E+00	0.00E+00	0.00E+00	4.33E+03
FWU53D	7.62E-02	1.84E+01	7.30E-01	1.76E+01	0.00E+00	0.00E+00	2.06E+02	4.16E-04	1.56E-02	1.74E-01	0.00E+00	-1.16E-04	2.84E-08	4.47E-07	1.19E+00	3.95E+01	1.51E-03	0.00E+00	1.42E+02	1.81E-02	2.48E+02	0.00E+00	1.87E-06	8.27E-07	4.74E-02	3.32E-06	2.45E+01	0.00E+00	2.48E+02	5.88E-05	2.48E+02	2.72E+02	2.45E+01	0.00E+00	0.00E+00	0.00E+00	4.97E+03
FWU53K	1.04E-01	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	-2.81E-03	3.52E-08	5.69E-07	1.53E+00	5.05E+01	1.16E-03	0.00E+00	1.76E+02	5.14E-02	3.22E+02	0.00E+00	2.46E-06	1.09E-06	6.34E-02	4.58E-06	3.06E+01	0.00E+00	3.22E+02	8.06E-05	3.22E+02	3.53E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	6.15E+03
FWU53L	4.48E-02	1.16E+01	3.94E-01	1.12E+01	0.00E+00	0.00E+00	1.08E+02	2.18E-04	9.61E-03	1.08E-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-03	1.39E+02	0.00E+00	1.07E-06	4.73E-07	2.89E-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	2.64E+03
FWU61L	2.69E-02	6.95E+00	2.32E-01	6.72E+00	0.00E+00	0.00E+00	6.34E+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	1.29E+01	1.15E-03	0.00E+00	4.46E+01	6.80E-03	8.24E+01	0.00E+00	6.31E-07	2.83E-07	1.73E-02	1.44E-06	7.78E+00	0.00E+00	8.24E+01	2.07E-05	8.24E+01	9.02E+01	7.78E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+03
FWU61S	5.64E-02	1.29E+01	4.98E-01	1.24E+01	0.00E+00	0.00E+00	1.32E+02	2.68E-04	1.38E-02	1.22E-01	0.00E+00	-2.05E-03	1.91E-08	3.15E-07	8.02E-01	2.67E+01	1.16E-03	0.00E+00	9.28E+01	3.95E-02	1.68E+02	0.00E+00	1.28E-06	5.70E-07	3.34E-02	2.97E-06	1.61E+01	0.00E+00	1.68E+02	4.12E-05	1.68E+02	1.85E+02	1.61E+01	0.00E+00	0.00E+00	0.00E+00	3.25E+03
FWU62K	8.55E-02	2.03E+01	7.51E-01	1.95E+01	0.00E+00	0.00E+00	2.04E+02	4.18E-04	1.86E-02	1.93E-01	0.00E+00	-1.43E-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	2.66E+02	0.00E+00	2.03E-06	9.02E-07	5.28E-02	3.62E-06	2.50E+01	0.00E+00	2.66E+02	6.80E-05	2.66E+02	2.91E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	5.05E+03
FWU62K1	8.87E-02	2.06E+01	7.72E-01	1.98E+01	0.00E+00	0.00E+00	2.07E+02	4.25E-04	2.04E-02	1.96E-01	0.00E+00	-2.38E-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	2.70E+02	0.00E+00	2.06E-06	9.19E-07	5.37E-02	3.96E-06	2.55E+01	0.00E+00	2.70E+02	6.90E-05	2.70E+02	2.96E+02	2.55E+01	0.00E+00	0.00E+00	0.00E+00	5.14E+03
FWU62K2	8.81E-02	2.04E+01	7.66E-01	1.97E+01	0.00E+00	0.00E+00	2.05E+02	4.21E-04	2.03E-02	1.94E-01	0.00E+00	-2.38E-03	2.91E-08	4.75E-07	1.25E+00	4.20E+01	1.16E-03	0.00E+00	1.45E+02	4.50E-02	2.68E+02	0.00E+00	2.04E-06	9.12E-07	5.33E-02	3.94E-06	2.53E+01	0.00E+00	2.68E+02	6.85E-05	2.68E+02	2.93E+02	2.53E+01	0.00E+00	0.00E+00	0.00E+00	5.09E+03
FWU62L	3.72E-02	9.76E+00	3.25E-01	9.44E+00	0.00E+00	0.00E+00	8.84E+01	1.79E-04	8.04E-03	9.05E-02	0.00E+00	4.47E-04	1.04E-08	1.93E-07	5.43E-01	1.79E+01	1.51E-03	0.00E+00	6.21E+01	9.00E-03	1.14E+02	0.00E+00	8.78E-07	3.91E-07	2.42E-02	1.96E-06	1.08E+01	0.00E+00	1.14E+02	2.80E-05	1.14E+02	1.25E+02	1.08E+01	0.00E+00	0.00E+00	0.00E+00	2.17E+03
FWU62M2	8.99E-02	2.06E+01	7.97E-01	1.98E+01	0.00E+00	0.00E+00	2.11E+02	4.27E-04	2.20E-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	1.49E+02	5.96E-02	2.71E+02	0.00E+00	2.06E-06	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	5.18E+03
FWU62M3	8.77E-02	2.04E+01	7.63E-01	1.96E+01	0.00E+00	0.00E+00	2.04E+02	4.19E-04	2.01E-02	1.94E-01	0.00E+00	-2.35E-03	2.75E-08	4.71E-07	1.25E+00	4.18E+01	1.16E-03	0.00E+00	1.45E+02	4.46E-02	2.67E+02	0.00E+00	2.04E-06	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	5.07E+03
FWU62N	8.36E-02	2.06E+01	7.60E-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	4.50E-07	1.29E+00	4.17E+01	1.52E-03	0.00E+00	1.46E+02	2.51E-02	2.68E+02	0.00E+00	2.05E-06	8.98E-07	5.30E-02	3.68E-06	2.54E+01	0.00E+00	2.68E+02	6.56E-05	2.68E+02	2.94E+02	2.54E+01	0.00E+00	0.00E+00	0.00E+00	5.07E+03
FWU62S	9.17E-02	2.06E+01	8.07E-01	1.98E+01	0.00E+00	0.00E+00	2.12E+02	4.28E-04	2.33E-02	1.96E-01	0.00E+00	-3.92E-03	3.09E-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-06	9.14E-07	5.36E-02	4.74E-06	2.60E+01	0.00E+00	2.71E+02	6.52E-05	2.71E+02	2.97E+02	2.60E+01	0.00E+00	0.00E+00	0.00E+00	5.21E+03
FWU62S1	8.66E-02	2.03E+01	7.79E-01	1.96E+01	0.00E+00	0.00E+00	2.10E+02	4.23E-04	2.00E-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-06	8.97E-07	5.26E-02	4.18E-06	2.55E+01	0.00E+00	2.67E+02	6.45E-05	2.67E+02	2.92E+02	2.55E+01	0.00E+00	0.00E+00	0.00E+00	5.12E+03
FWU63N	1.19E-01	2.91E+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	1.85E+00	5.95E+01	1.51E-03	0.00E+00	2.08E+02	3.26E-02	3.82E+02	0.00E+00	2.92E-06	1.28E-06	7.52E-02	4.87E-06	3.63E+01	0.00E+00	3.82E+02	9.29E-05	3.82E+02	4.19E+02	3.63E+01	0.00E+00	0.00E+00	0.00E+00	7.23E+03
FWU63S	1.31E-01	2.92E+01	1.15E+00	2.80E+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	1.85E+00	6.15E+01	1.52E-03	0.00E+00	2.13E+02	9.80E-02	3.86E+02	0.00E+00	2.94E-06	1.30E-06	7.60E-02	6.46E-06	3.71E+01	0.00E+00	3.86E+02	9.22E-05	3.86E+02	4.23E+02	3.71E+01	0.00E+00	0.00E+00	0.00E+00	7.44E+03
FWU63S1	1.23E-01	2.87E+01	1.11E+00	2.76E+01	0.00E+00	0.00E+00	2.99E+02	6.03E-04	2.86E-02	2.73E-01	0.00E+00	-3.62E-03	4.29E-08	6.91E-07	1.83E+00	6.00E+01	1.52E-03	0.00E+00	2.10E+02	6.61E-02	3.80E+02	0.00E+00	2.90E-06	1.27E-06	7.45E-02	5.65E-06	3.65E+01	0.00E+00	3.80E+02	9.12E-05	3.80E+02	4.17E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	7.31E+03
FWU71L	3.03E-02	7.93E+00	2.64E-01	7.67E+00	0.00E+00	0.00E+00	7.22E+01	1.47E-04	6.52E-03	7.35E-02	0.00E+00	3.42E-04	8.36E-09	1.57E-07	4.36E-01	1.46E+01	1.15E-03	0.00E+00	5.06E+01	6.94E-03	9.27E+01	0.00E+00	7.10E-07	3.19E-07	1.96E-02	1.54E-06	8.82E+00	0.00E+00	9.27E+01	2.29E-05	9.27E+01	1.02E+02	8.82E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+03
FWU71S	6.12E-02	1.36E+01	5.60E-01	1.31E+01	0.00E+00	0.00E+00	1.52E+02	3.08E-04	1.46E-02	1.30E-01	0.00E+00	-2.05E-03	2.16E-08	3.57E-07	8.89E-01	2.98E+01	1.16E-03	0.00E+00	1.06E+02	3.97E-02	1.87E+02	0.00E+00	1.41E-06	6.28E-07	3.58E-02	3.12E-06	1.82E+01	0.00E+00	1.87E+02	4.54E-05	1.87E+02	2.05E+02	1.82E+01	0.00E+00	0.00E+00	0.00E+00	3.70E+03
FWU71S1	5.96E-02	1.40E+01	5.48E-01	1.35E+01	0.00E+00	0.00E+00	1.50E+02	3.05E-04	1.33E-02	1.33E-01	0.00E+00	-1.11E-03	2.14E-08	3.40E-07	8.86E-01	2.95E+01	1.16E-03	0.00E+00	1.04E+02	2.73E-02	1.86E+02	0.00E+00	1.41E-06	6.26E-07	3.62E-02	2.83E-06	1.81E+01	0.00E+00	1.86E+02	4.51E-05	1.86E+02	2.04E+02	1.81E+01	0.00E+00	0.00E+00	0.00E+00	3.66E+03
FWU72K1	9.41E-02	2.07E+01	8.18E-01	1.99E+01	0.00E+00	0.00E+00	2.21E+02	4.61E-04	2.09E-02	2.00E-01	0.00E+00	-2.38E-03	2.70E-08	5.08E-07	1.35E+00	4.52E+01	1.16E-03	0.00E+00	1.58E+02	4.52E-02	2.91E+02	0.00E+00	2.21E-06	9.88E-07	5.59E-02	4.07E-06	2.73E+01	0.00E+00	2.91E+02	7.78E-05	2.91E+02	3.18E+02	2.73E+01	0.00E+00	0.00E+00	0.00E+00	5.54E+03
FWU72L	4.32E-02	1.03E+01	3.72E-01	9.93E+00	0.00E+00	0.00E+00	1.02E+02	2.12E-04	8.80E-03	9.85E-02	0.00E+00	4.47E-04	1.16E-08	2.22E-07	6.32E-01	2.10E+01	1.51E-03	0.00E+00	7.28E+01	9.19E-03	1.36E+02	0.00E+00	1.04E-06	4.65E-07	2.71E-02	2.09E-06	1.27E+01	0.00E+00	1.36E+02	3.65E-05	1.36E+02	1.49E+02	1.27E+01	0.00E+00	0.00E+00	0.00E+00	2.55E+03
FWU72M2	1.03E-01	2.30E+01	9.11E-01	2.20E+01	0.00E+00	0.00E+00	2.43E+02	4.97E-04	2.43E-02	2.21E-01	0.00E+00	-3.48E-03	3.44E-08	5.71E-07	1.51E+00	4.96E+01	1.16E-03	0.00E+00	1.72E+02	6.01E-02	3.17E+02	0.00E+00	2.41E-06	1.07E-06	6.12E-02	4.71E-06	2.99E+01	0.00E+00	3.17E+02	8.00E-05	3.17E+02	3.47E+02	2.99E+01	0.00E+00	0.00E+00	0.00E+00	6.01E+03
FWU72N	9.52E-02	2.21E+01	8.67E-01	2.12E+01	0.00E+00	0.00E+00	2.39E+02	4.90E-04	1.91E-02	2.14E-01	0.00E+00	-6.18E-04	3.41E-08	5.17E-07	1.48E+00	4.80E+01	1.52E-03	0.00E+00	1.69E+02	2.55E-02	3.11E+02	0.00E+00	2.36E-06	1.04E-06	5.90E-02	3.99E-06	2.93E+01	0.00E+00	3.11E+02	7.95E-05	3.11E+02	3.41E+02	2.93E+01	0.00E+00	0.00E+00	0.00E+00	5.88E+03
FWU72S	1.01E-01	2.17E+01	9.03E-01	2.08E+01	0.00E+00	0.00E+00	2.42E+02	4.96E-04	2.46E-02	2.09E-01	0.00E+00	-3.92E-03	3.47E-08	5.81E-07	1.45E+00	4.85E+01	1.51E-03	0.00E+00	1.70E+02	6.90E-02	3.06E+02	0.00E+00	2.32E-06	1.03E-06	5.82E-02	4.99E-06	2.94E+01	0.00E+00	3.06E+02	7.69E-05	3.06E+02	3.36E+02	2.94E+01	0.00E+00	0.00E+00	0.00E+00	5.97E+03
FWU73D	9.88E-02	2.39E+01	9.55E-01	2.29E+01	0.00E+00	0.00E+00	2.72E+02	5.46E-04	2.02E-02	2.25E-01	0.00E+00	-6.31E-05	3.70E-08	5.88E-07	1.55E+00	5.14E+01	1.69E-03	0.00E+00	1.86E+02	2.00E-02	3.21E+02	0.00E+00	2.42E-06	1.07E-06	6.13E-02	4.11E-06	3.20E+01	0.00E+00	3.21E+02	7.53E-05	3.21E+02	3.53E+02	3.20E+01	0.00E+00	0.00E+00	0.00E+00	6.53E+03
FWU73L	5.61E-02	1.44E+01	5.07E-01	1.39E+01	0.00E+00	0.00E+00	1.40E+02	2.83E-04	1.19E-02	1.34E-01	0.00E+00	5.00E-04	1.54E-08	3.05E-07	8.41E-01	2.78E+01	1.69E-03	0.00E+00	9.76E+01	1.07E-02	1.76E+02	0.00E+00	1.34E-06	5.95E-07	3.59E-02	2.63E-06	1.70E+01	0.00E+00	1.76E+02	4.20E-05	1.76E+02	1.93E+02	1.70E+01	0.00E+00	0.00E+00	0.00E+00	3.41E+03
FWU73N	1.35E-01	3.29E+01	1.23E+00	3.17E+01	0.00E+00	0.00E+00	3.39E+02	6.84E-04	2.79E-02	3.13E-01	0.00E+00	-1.03E-03	4.84E-08	7.35E-07	2.09E+00	6.76E+01	1.69E-03	0.00E+00	2.37E+02	3.42E-02	4.34E+02	0.00E+00	3.31E-06	1.45E-06	8.50E-02	5.44E-06	4.13E+01	0.00E+00	4.34E+02	1.05E-04	4.34E+02	4.75E+02	4.13E+01	0.00E+00	0.00E+00	0.00E+00	8.25E+03
FWU73S	1.41E-01	3.09E+01	1.28E+00	2.96E+01	0.00E+00	0.00E+00	3.43E+02	6.93E-04	3.51E-02	2.95E-01	0.00E+00	-5.99E-03	4.90E-08	8.29E-07	2.03E+00	6.78E+01	1.70E-03	0.00E+00	2.39E+02	9.93E-02	4.22E+02	0.00E+00	3.20E-06	1.42E-06	8.12E-02	6.87E-06	4.13E+01	0.00E+00	4.22E+02	1.01E-04	4.22E+02	4.64E+02	4.13E+01	0.00E+00	0.00E+00	0.00E+00	8.37E+03
FWU73S1	1.33E-01	3.05E+01	1.24E+00	2.92E+01	0.00E+00	0.00E+00	3.39E+02	6.85E-04	3.02E-02	2.90E-01	0.00E+00	-3.57E-03	4.83E-08	7.76E-07	2.00E+00	6.64E+01	1.70E-03	0.00E+00	2.36E+02	6.74E-02	4.17E+02	0.00E+00	3.15E-06	1.39E-06	7.97E-02	6.06E-06	4.07E+01	0.00E+00	4.17E+02	9.98E-05	4.17E+02	4.57E+02	4.07E+01	0.00E+00	0.00E+00	0.00E+00	8.24E+03
FZ005N	6.81E-03	1.47E+00	7.68E-02	1.40E+00	0.00E+00	0.00E+00	2.03E+01	4.15E-05	1.30E-03	1.43E-02	0.00E+00	-7.15E-04	2.31E-09	4.40E-08	1.13E-01	3.75E+00	2.70E-04	0.00E+00	1.39E+01	1.21E-02	2.34E+01	0.00E+00	1.74E-07	7.64E-08	4.02E-03	6.21E-07	2.38E+00	0.00E+00	2.34E+01	5.49E-06	2.34E+01	2.58E+01	2.38E+00	0.00E+00	0.00E+00	0.00E+00	4.89E+02
FZ006N	1.18E-02	2.54E+00	1.30E-01	2.41E+00	0.00E+00	0.00E+00	3.64E+01	7.32E-05	2.25E-03	2.48E-02	0.00E+00	-7.15E-04	6.41E-09	7.80E-08	1.97E-01	6.57E+00	2.70E-04	0.00E+00	2.45E+01	1.23E-02	4.06E+01	0.00E+00	3.01E-07	1.33E-07	6.94E-03	7.73E-07	4.17E+00	0.00E+00	4.06E+01	9.44E-06	4.06E+01	4.48E+01	4.17E+00	0.00E+00	0.00E+00	0.00E+00	8.62E+02
FZ010N	1.58E-02	3.40E+00	1.72E-01	3.23E+00	0.00E+00	0.00E+00	4.90E+01	9.85E-05	3.01E-03	3.31E-02	0.00E+00	-7.15E-04	8.23E-09	1.05E-07	2.64E-01	8.81E+00	2.70E-04	0.00E+00	3.29E+01	1.25E-02	5.44E+01	0.00E+00	4.03E-07	1.77E-07	9.26E-03	8.94E-07	5.61E+00	0.00E+00	5.44E+01	1.26E-05	5.44E+01	6.00E+01	5.61E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+03
FZ011N	7.60E-03	1.64E+00	8.62E-02	1.56E+00	0.00E+00	0.00E+00	2.39E+01	4.78E-05	1.45E-03	1.59E-02	0.00E+00	-5.89E-04	4.30E-09	5.11E-08	1.28E-01	4.27E+00	2.70E-04	0.00E+00	1.60E+01	1.05E-02	2.62E+01	0.00E+00	1.94E-07	8.54E-08	4.46E-03	6.07E-07	2.72E+00	0.00E+00	2.62E+01	5.96E-06	2.62E+01	2.90E+01	2.72E+00	0.00E+00	0.00E+00	0.00E+00	5.63E+02
FZ014N	1.87E-02	4.03E+00	2.03E-01	3.82E+00	0.00E+00	0.00E+00	5.82E+01	1.17E-04	3.56E-03	3.92E-02	0.00E+00	-7.15E-04	9.72E-09	1.25E-07	3.13E-01	1.05E+01	2.70E-04	0.00E+00	3.91E+01	1.26E-02	6.44E+01	0.00E+00	4.77E-07	2.10E-07	1.10E-02	9.83E-07	6.66E+00	0.00E+00	6.44E+01	1.49E-05	6.44E+01	7.11E+01	6.66E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+03
FZ021N	1.14E-02	2.47E+00	1.26E-01	2.34E+00	0.00E+00	0.00E+00	3.52E+01	7.09E-05	2.18E-03	2.40E-02	0.00E+00	-7.15E-04	6.21E-09	7.55E-08	1.91E-01	6.36E+00	2.70E-04	0.00E+00	2.37E+01	1.23E-02	3.94E+01	0.00E+00	2.92E-07	1.28E-07	6.72E-03	7.62E-07	4.04E+00	0.00E+00	3.94E+01	9.15E-06	3.94E+01	4.34E+01	4.04E+00	0.00E+00	0.00E+00	0.00E+00	8.35E+02
FZ026N	1.34E-02	2.88E+00	1.46E-01	2.74E+00	0.00E+00	0.00E+00	4.14E+01	8.32E-05	2.55E-03	2.80E-02	0.00E+00	-7.15E-04	7.24E-09	8.87E-08	2.24E-01	7.45E+00	2.70E-04	0.00E+00	2.78E+01	1.24E-02	4.61E+01	0.00E+00	3.41E-07	1.50E-07	7.86E-03	8.21E-07	4.74E+00	0.00E+00	4.61E+01	1.07E-05	4.61E+01	5.08E+01	4.74E+00	0.00E+00	0.00E+00	0.00E+00	9.80E+02
FZ402	4.16E-04	1.57E-01	4.13E-02	1.15E-01	0.00E+00	0.00E+00	2.03E-01	7.38E-07	9.39E-05	1.09E-03	0.00E+00	-4.94E-03	3.21E-11	6.71E-10	3.59E-03	1.27E-01	4.50E-07	0.00E+00	2.82E-01	6.52E-02	1.05E+00	0.00E+00	8.52E-09	4.10E-09	2.97E-04	1.59E-06	4.87E-02	0.00E+00	1.05E+00	-9.03E-08	1.05E+00	1.10E+00	4.87E-02	0.00E+00	0.00E+00	0.00E+00	1.01E+01
FZ403	4.25E-05	5.54E-02	3.03E-02	2.50E-02	0.00E+00	0.00E+00	3.92E-02	6.75E-08	1.65E-05	1.94E-04	0.00E+00	-3.74E-03	6.95E-12	2.26E-10	5.13E-04	1.06E-02	0.00E+00	0.00E+00	2.98E-02	4.94E-02	8.34E-02	0.00E+00	7.27E-10	2.36E-10	4.36E-05	1.20E-06	1.21E-03	0.00E+00	8.34E-02	-4.13E-07	8.34E-02	8.46E-02	1.21E-03	0.00E+00	0.00E+00	0.00E+00	9.30E-01
FZ708D	8.27E-02	1.34E+01	1.02E+00	1.24E+01	0.00E+00	0.00E+00	1.86E+02	3.78E-04	1.14E-02	1.26E-01	0.00E+00	-4.84E-02	1.68E-08	4.04E-07	1.00E+00	3.35E+01	3.53E-05	0.00E+00	1.26E+02	6.42E-01	2.05E+02	0.00E+00	1.52E-06	6.68E-07	3.51E-02	1.73E-05	2.14E+01	0.00E+00	2.05E+02	4.15E-05	2.05E+02	2.27E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	4.45E+03
HK1000AB	2.62E-02	4.48E-01	3.75E-02	4.11E-01	0.00E+00	0.00E+00	6.19E+00	1.09E-05	1.18E-02	4.96E-03	0.00E+00	1.22E-19	1.18E-09	1.26E-07	2.75E-02	2.67E+00	0.00E+00	0.00E+00	5.90E+00	5.94E-05	6.71E+00	0.00E+00	5.21E-08	3.56E-08	2.14E-03	4.23E-08	1.03E+00	0.00E+00	6.71E+00	1.92E-07	6.71E+00	7.75E+00	1.03E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+02
JP002	1.96E-04	6.16E-02	8.49E-04	6.07E-02	0.00E+00	0.00E+00	8.91E-02	1.66E-07	5.03E-05	5.86E-04	0.00E+00	1.61E-20	1.89E-11	2.27E-10	2.87E-03	6.51E-02	0.00E+00	0.00E+00	1.33E-01	7.78E-06	5.57E-01	0.00E+00	4.84E-09	1.88E-09	1.51E-04	5.54E-09	2.92E-02	0.00E+00	5.57E-01	1.56E-07	5.57E-01	5.86E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	3.33E+00
JP011	7.44E-05	1.65E-02	3.63E-04	1.61E-02	0.00E+00	0.00E+00	3.99E-02	9.44E-08	1.61E-05	1.84E-04	0.00E+00	6.54E-21	7.82E-12	9.71E-11	1.39E-03	2.87E-02	0.00E+00	0.00E+00	6.42E-02	3.16E-06	2.63E-01	0.00E+00	2.20E-09	8.05E-10	5.18E-05	2.25E-09	1.36E-02	0.00E+00	2.63E-01	8.04E-08	2.63E-01	2.77E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	1.57E+00
JP015	1.52E-04	4.85E-02	6.54E-04	4.79E-02	0.00E+00	0.00E+00	6.84E-02	1.26E-07	3.94E-05	4.59E-04	0.00E+00	1.24E-20	1.45E-11	1.75E-10	2.19E-03	5.00E-02	0.00E+00	0.00E+00	1.01E-01	6.01E-06	4.26E-01	0.00E+00	3.71E-09	1.45E-09	1.18E-04	4.28E-09	2.24E-02	0.00E+00	4.26E-01	1.18E-07	4.26E-01	4.49E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	2.55E+00
KU33AHE	8.47E-03	1.18E+00	3.87E-02	1.14E+00	0.00E+00	0.00E+00	3.91E+00	9.13E-06	4.22E-03	1.13E-02	0.00E+00	-1.46E-03	9.50E-10	4.17E-08	4.71E-02	1.99E+00	1.83E-04	0.00E+00	4.38E+00	2.10E-02	1.18E+01	0.00E+00	9.75E-08	4.80E-08	3.28E-03	6.92E-07	8.37E-01	0.00E+00	1.18E+01	3.68E-06	1.18E+01	1.27E+01	8.37E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+02
KU33AHZ	8.32E-02	1.17E+01	3.75E-01	1.14E+01	0.00E+00	0.00E+00	3.82E+01	9.00E-05	4.12E-02	1.12E-01	0.00E+00	-1.46E-02	7.19E-09	4.06E-07	4.65E-01	1.97E+01	1.83E-04	0.00E+00	4.33E+01	1.95E-01	1.17E+02	0.00E+00	9.70E-07	4.76E-07	3.26E-02	5.77E-06	8.25E+00	0.00E+00	1.17E+02	3.68E-05	1.17E+02	1.26E+02	8.25E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+03
KU33LHE	7.24E-03	7.46E-01	3.24E-02	7.14E-01	0.00E+00	0.00E+00	3.39E+00	8.29E-06	3.89E-03	7.37E-03	0.00E+00	-1.32E-03	8.35E-10	4.03E-08	3.13E-02	1.60E+00	1.83E-04	0.00E+00	3.64E+00	1.91E-02	8.68E+00	0.00E+00	6.95E-08	3.67E-08	2.30E-03	6.12E-07	6.70E-01	0.00E+00	8.68E+00	2.86E-06	8.68E+00	9.35E+00	6.70E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
KU33OHZGB	6.63E-02	6.28E+00	2.99E-01	5.98E+00	0.00E+00	0.00E+00	3.07E+01	7.30E-05	3.69E-02	6.21E-02	0.00E+00	-1.37E-02	5.43E-09	3.87E-07	2.67E-01	1.43E+01	0.00E+00	0.00E+00	3.25E+01	1.81E-01	7.36E+01	0.00E+00	5.91E-07	3.15E-07	1.97E-02	4.93E-06	5.94E+00	0.00E+00	7.36E+01	2.29E-05	7.36E+01	7.96E+01	5.94E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+03
KU33VGAZ	8.54E-02	1.22E+01	3.83E-01	1.19E+01	0.00E+00	0.00E+00	3.93E+01	9.39E-05	4.17E-02	1.17E-01	0.00E+00	-1.46E-02	7.36E-09	4.09E-07	4.84E-01	2.04E+01	1.83E-04	0.00E+00	4.48E+01	1.95E-01	1.23E+02	0.00E+00	1.01E-06	4.98E-07	3.40E-02	5.81E-06	8.54E+00	0.00E+00	1.23E+02	3.94E-05	1.23E+02	1.32E+02	8.54E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+03
KU33VGLZ	7.35E-02	8.00E+00	3.26E-01	7.67E+00	0.00E+00	0.00E+00	3.43E+01	8.62E-05	3.84E-02	7.90E-02	0.00E+00	-1.36E-02	6.23E-09	3.95E-07	3.29E-01	1.66E+01	1.83E-04	0.00E+00	3.76E+01	1.83E-01	9.25E+01	0.00E+00	7.43E-07	3.90E-07	2.45E-02	5.18E-06	6.93E+00	0.00E+00	9.25E+01	3.16E-05	9.25E+01	9.95E+01	6.93E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+03
KU40XXE	4.97E-04	1.21E-01	2.33E-03	1.18E-01	0.00E+00	0.00E+00	2.75E-01	9.39E-07	1.04E-04	1.18E-03	0.00E+00	5.41E-05	2.83E-10	5.97E-10	4.61E-03	1.59E-01	1.83E-04	0.00E+00	3.49E-01	9.24E-04	1.32E+00	0.00E+00	1.05E-08	5.18E-09	3.35E-04	1.19E-07	7.06E-02	0.00E+00	1.32E+00	5.96E-07	1.32E+00	1.39E+00	7.06E-02	0.00E+00	0.00E+00	0.00E+00	1.25E+01
KU73S20	6.48E-03	9.42E-01	2.95E-01	6.47E-01	0.00E+00	0.00E+00	2.80E+00	6.29E-06	3.82E-03	6.23E-03	0.00E+00	-3.44E-02	7.41E-10	4.04E-08	2.35E-02	1.29E+00	1.83E-04	0.00E+00	2.89E+00	4.55E-01	6.17E+00	0.00E+00	4.97E-08	2.65E-08	1.89E-03	1.12E-05	4.88E-01	0.00E+00	6.17E+00	-2.08E-06	6.17E+00	6.66E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
KU73S50	6.57E-03	1.16E+00	4.29E-01	7.29E-01	0.00E+00	0.00E+00	2.83E+00	6.32E-06	3.87E-03	6.80E-03	0.00E+00	-5.10E-02	7.46E-10	4.11E-08	2.41E-02	1.29E+00	1.83E-04	0.00E+00	2.90E+00	6.74E-01	6.22E+00	0.00E+00	5.03E-08	2.65E-08	2.01E-03	1.65E-05	4.70E-01	0.00E+00	6.22E+00	-3.99E-06	6.22E+00	6.69E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
KU73S60	6.70E-03	1.56E+00	6.81E-01	8.75E-01	0.00E+00	0.00E+00	2.86E+00	6.29E-06	3.96E-03	7.81E-03	0.00E+00	-8.23E-02	7.52E-10	4.23E-08	2.50E-02	1.29E+00	1.83E-04	0.00E+00	2.89E+00	1.09E+00	6.23E+00	0.00E+00	5.07E-08	2.62E-08	2.21E-03	2.65E-05	4.32E-01	0.00E+00	6.23E+00	-7.63E-06	6.23E+00	6.66E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
KU76S20	5.88E-03	1.06E+00	3.81E-01	6.75E-01	0.00E+00	0.00E+00	2.56E+00	5.86E-06	3.41E-03	6.30E-03	0.00E+00	-4.52E-02	6.94E-10	3.57E-08	2.23E-02	1.18E+00	1.83E-04	0.00E+00	2.65E+00	5.98E-01	5.82E+00	0.00E+00	4.67E-08	2.46E-08	1.86E-03	1.46E-05	4.32E-01	0.00E+00	5.82E+00	-3.37E-06	5.82E+00	6.25E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	9.79E+01
KU83CHZGB	5.93E-02	1.64E+01	3.21E-01	1.60E+01	0.00E+00	0.00E+00	3.45E+01	8.04E-05	1.81E-02	1.49E-01	0.00E+00	-1.03E-02	6.08E-09	1.42E-07	5.54E-01	1.80E+01	3.05E-05	0.00E+00	3.93E+01	1.38E-01	1.33E+02	0.00E+00	1.13E-06	5.16E-07	3.92E-02	4.61E-06	7.93E+00	0.00E+00	1.33E+02	4.34E-05	1.33E+02	1.41E+02	7.93E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+03
U961N	3.94E-03	1.19E+00	1.79E-02	1.17E+00	0.00E+00	0.00E+00	2.75E+00	4.74E-06	1.33E-03	1.07E-02	0.00E+00	5.41E-05	7.71E-10	1.10E-08	4.36E-02	1.20E+00	1.83E-04	0.00E+00	2.73E+00	1.04E-03	8.73E+00	0.00E+00	7.58E-08	3.19E-08	2.70E-03	2.02E-07	5.63E-01	0.00E+00	8.73E+00	2.12E-06	8.73E+00	9.30E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	8.10E+01
U96N	5.37E-03	1.66E+00	2.43E-02	1.63E+00	0.00E+00	0.00E+00	3.79E+00	6.94E-06	1.70E-03	1.49E-02	0.00E+00	5.42E-05	9.63E-10	1.35E-08	5.98E-02	1.67E+00	1.83E-04	0.00E+00	3.81E+00	1.09E-03	1.23E+01	0.00E+00	1.07E-07	4.53E-08	3.78E-03	2.38E-07	7.81E-01	0.00E+00	1.23E+01	3.22E-06	1.23E+01	1.31E+01	7.81E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
U97N	8.96E-03	2.66E+00	4.07E-02	2.62E+00	0.00E+00	0.00E+00	6.70E+00	1.25E-05	2.90E-03	2.41E-02	0.00E+00	5.41E-05	1.50E-09	2.48E-08	9.72E-02	2.79E+00	1.83E-04	0.00E+00	6.53E+00	1.20E-03	2.03E+01	0.00E+00	1.74E-07	7.46E-08	6.13E-03	3.19E-07	1.32E+00	0.00E+00	2.03E+01	5.30E-06	2.03E+01	2.16E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+02
UC11BA	1.49E-03	3.90E-01	7.37E-03	3.83E-01	0.00E+00	0.00E+00	7.51E-01	2.18E-06	3.36E-04	3.87E-03	0.00E+00	-8.71E-05	3.70E-10	1.78E-09	1.85E-02	4.86E-01	1.83E-04	0.00E+00	1.07E+00	2.82E-03	4.23E+00	0.00E+00	3.52E-08	1.51E-08	1.06E-03	1.89E-07	2.21E-01	0.00E+00	4.23E+00	1.56E-06	4.23E+00	4.45E+00	2.21E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
UC12BA	2.23E-03	6.23E-01	1.06E-02	6.13E-01	0.00E+00	0.00E+00	1.09E+00	2.81E-06	5.26E-04	6.08E-03	0.00E+00	-8.71E-05	4.42E-10	2.63E-09	2.93E-02	7.31E-01	1.83E-04	0.00E+00	1.57E+00	2.85E-03	6.33E+00	0.00E+00	5.34E-08	2.22E-08	1.63E-03	2.10E-07	3.31E-01	0.00E+00	6.33E+00	2.14E-06	6.33E+00	6.66E+00	3.31E-01	0.00E+00	0.00E+00	0.00E+00	4.48E+01
UC21LH0	4.68E-03	1.15E+00	3.68E-02	1.11E+00	0.00E+00	0.00E+00	8.94E+00	1.85E-05	9.89E-04	1.12E-02	0.00E+00	-8.71E-05	1.75E-09	1.95E-08	7.05E-02	2.12E+00	1.83E-04	0.00E+00	6.80E+00	2.96E-03	1.48E+01	0.00E+00	1.16E-07	4.97E-08	3.05E-03	2.85E-07	1.22E+00	0.00E+00	1.48E+01	4.08E-06	1.48E+01	1.60E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+02
UC21LH1	4.35E-03	1.07E+00	3.32E-02	1.04E+00	0.00E+00	0.00E+00	7.89E+00	1.64E-05	9.26E-04	1.05E-02	0.00E+00	-8.71E-05	1.57E-09	1.72E-08	6.50E-02	1.93E+00	1.83E-04	0.00E+00	6.10E+00	2.94E-03	1.37E+01	0.00E+00	1.07E-07	4.60E-08	2.86E-03	2.74E-07	1.10E+00	0.00E+00	1.37E+01	3.82E-06	1.37E+01	1.48E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	2.05E+02
UC21ST0	4.13E-03	1.06E+00	2.89E-02	1.03E+00	0.00E+00	0.00E+00	6.30E+00	1.33E-05	9.06E-04	1.03E-02	0.00E+00	-8.71E-05	1.02E-09	1.39E-08	6.05E-02	1.74E+00	1.83E-04	0.00E+00	5.18E+00	2.93E-03	1.27E+01	0.00E+00	1.02E-07	4.30E-08	2.79E-03	2.67E-07	9.55E-01	0.00E+00	1.27E+01	3.64E-06	1.27E+01	1.37E+01	9.55E-01	0.00E+00	0.00E+00	0.00E+00	1.71E+02
UC21TR2	3.82E-03	9.57E-01	2.78E-02	9.29E-01	0.00E+00	0.00E+00	6.30E+00	1.33E-05	8.23E-04	9.33E-03	0.00E+00	-8.71E-05	1.31E-09	1.38E-08	5.61E-02	1.64E+00	1.83E-04	0.00E+00	5.03E+00	2.92E-03	1.18E+01	0.00E+00	9.39E-08	4.01E-08	2.54E-03	2.58E-07	9.17E-01	0.00E+00	1.18E+01	3.40E-06	1.18E+01	1.28E+01	9.17E-01	0.00E+00	0.00E+00	0.00E+00	1.67E+02
UC22BA	3.36E-03	9.77E-01	1.55E-02	9.62E-01	0.00E+00	0.00E+00	1.60E+00	3.77E-06	8.16E-04	9.46E-03	0.00E+00	-8.71E-05	5.50E-10	3.95E-09	4.59E-02	1.11E+00	1.83E-04	0.00E+00	2.34E+00	2.90E-03	9.54E+00	0.00E+00	8.13E-08	3.30E-08	2.50E-03	2.42E-07	5.00E-01	0.00E+00	9.54E+00	3.04E-06	9.54E+00	1.00E+01	5.00E-01	0.00E+00	0.00E+00	0.00E+00	6.41E+01
UC22PEN	6.24E-03	1.61E+00	2.66E-02	1.58E+00	0.00E+00	0.00E+00	3.47E+00	1.02E-05	1.37E-03	1.58E-02	0.00E+00	-8.71E-05	8.33E-10	8.29E-09	7.23E-02	2.07E+00	1.83E-04	0.00E+00	4.66E+00	2.97E-03	1.74E+01	0.00E+00	1.44E-07	6.36E-08	4.37E-03	2.98E-07	9.36E-01	0.00E+00	1.74E+01	6.69E-06	1.74E+01	1.84E+01	9.36E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
UC22RK	5.65E-03	1.47E+00	4.11E-02	1.43E+00	0.00E+00	0.00E+00	9.23E+00	1.90E-05	1.25E-03	1.43E-02	0.00E+00	-8.71E-05	1.23E-09	2.04E-08	8.58E-02	2.44E+00	1.83E-04	0.00E+00	7.42E+00	3.00E-03	1.76E+01	0.00E+00	1.40E-07	5.89E-08	3.83E-03	3.14E-07	1.36E+00	0.00E+00	1.76E+01	4.75E-06	1.76E+01	1.89E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+02
UC31LE3	9.60E-03	2.78E+00	7.27E-02	2.71E+00	0.00E+00	0.00E+00	1.81E+01	3.57E-05	2.23E-03	2.55E-02	0.00E+00	-8.71E-05	3.33E-09	3.95E-08	1.33E-01	4.17E+00	1.83E-04	0.00E+00	1.33E+01	3.15E-03	2.78E+01	0.00E+00	2.21E-07	9.68E-08	6.63E-03	4.22E-07	2.39E+00	0.00E+00	2.78E+01	6.91E-06	2.78E+01	3.02E+01	2.39E+00	0.00E+00	0.00E+00	0.00E+00	4.51E+02
UC32RK	6.77E-03	1.81E+00	4.57E-02	1.76E+00	0.00E+00	0.00E+00	9.75E+00	2.02E-05	1.53E-03	1.75E-02	0.00E+00	-8.71E-05	1.33E-09	2.17E-08	1.01E-01	2.81E+00	1.83E-04	0.00E+00	8.20E+00	3.04E-03	2.07E+01	0.00E+00	1.68E-07	6.98E-08	4.67E-03	3.44E-07	1.53E+00	0.00E+00	2.07E+01	5.75E-06	2.07E+01	2.23E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	2.64E+02
UC34BA	1.44E-02	7.05E+00	4.90E-02	7.00E+00	0.00E+00	0.00E+00	4.36E+00	1.47E-06	4.77E-03	5.69E-02	0.00E+00	-1.98E-04	1.37E-09	1.28E-08	9.40E-02	3.30E+00	1.83E-04	0.00E+00	4.68E+00	4.72E-03	2.17E+01	0.00E+00	2.17E-07	1.05E-07	1.31E-02	5.35E-07	1.21E+00	0.00E+00	2.17E+01	3.82E-06	2.17E+01	2.29E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+02
UC44BA	1.77E-02	8.79E+00	5.94E-02	8.74E+00	0.00E+00	0.00E+00	5.27E+00	1.17E-06	5.92E-03	7.07E-02	0.00E+00	-1.94E-04	1.64E-09	1.56E-08	1.12E-01	4.01E+00	1.97E-04	0.00E+00	5.55E+00	4.90E-03	2.60E+01	0.00E+00	2.62E-07	1.28E-07	1.62E-02	6.23E-07	1.45E+00	0.00E+00	2.60E+01	4.32E-06	2.60E+01	2.75E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+02
UD01F1	2.58E-03	6.56E-01	2.12E-02	6.35E-01	0.00E+00	0.00E+00	5.28E+00	1.06E-05	5.60E-04	6.32E-03	0.00E+00	5.41E-05	7.86E-10	1.16E-08	4.12E-02	1.21E+00	1.83E-04	0.00E+00	3.94E+00	1.02E-03	8.28E+00	0.00E+00	6.49E-08	2.73E-08	1.70E-03	1.85E-07	7.09E-01	0.00E+00	8.28E+00	2.06E-06	8.28E+00	8.99E+00	7.09E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02

UD01F2	1.34E-02	1.24E+00	5.66E-02	1.18E+00	0.00E+00	0.00E+00	1.24E+01	2.44E-05	7.56E-03	1.23E-02	0.00E+00	-8.71E-05	2.04E-09	9.10E-08	7.86E-02	3.46E+00	1.83E-04	0.00E+00	9.88E+00	2.97E-03	1.69E+01	0.00E+00	1.31E-07	6.39E-08	3.82E-03	2.95E-07	1.74E+00	0.00E+00	1.69E+01	3.50E-06	1.69E+01	1.86E+01	1.74E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+02
UD02F1	3.25E-03	8.68E-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-05	8.51E-10	1.23E-08	5.11E-02	1.43E+00	1.83E-04	0.00E+00	4.40E+00	1.04E-03	1.02E+01	0.00E+00	8.15E-08	3.38E-08	2.22E-03	2.04E-07	8.09E-01	0.00E+00	1.02E+01	2.60E-06	1.02E+01	1.10E+01	8.09E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
UD02F2	2.61E-02	1.78E+00	8.66E-02	1.69E+00	0.00E+00	0.00E+00	1.72E+01	3.29E-05	1.63E-02	1.79E-02	0.00E+00	-8.71E-05	2.95E-09	1.83E-07	1.08E-01	5.61E+00	1.83E-04	0.00E+00	1.46E+01	3.04E-03	2.36E+01	0.00E+00	1.85E-07	9.61E-08	5.88E-03	3.45E-07	2.59E+00	0.00E+00	2.36E+01	4.17E-06	2.36E+01	2.62E+01	2.59E+00	0.00E+00	0.00E+00	0.00E+00	5.23E+02
UD11A1	3.66E-03	8.64E-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-04	5.66E-09	1.18E-08	5.34E-02	1.46E+00	3.69E-03	0.00E+00	4.43E+00	2.22E-02	1.12E+01	0.00E+00	8.54E-08	3.85E-08	2.37E-03	2.38E-06	8.54E-01	0.00E+00	1.12E+01	3.62E-06	1.12E+01	1.21E+01	8.54E-01	0.00E+00	0.00E+00	0.00E+00	1.52E+02
UD11B1	3.62E-03	8.28E-01	3.21E-02	7.96E-01	0.00E+00	0.00E+00	6.95E+00	1.51E-05	7.27E-04	8.16E-03	0.00E+00	-5.46E-04	1.05E-09	1.52E-08	5.19E-02	1.64E+00	1.83E-04	0.00E+00	5.33E+00	8.95E-03	1.14E+01	0.00E+00	8.84E-08	3.90E-08	2.29E-03	3.96E-07	9.44E-01	0.00E+00	1.14E+01	3.39E-06	1.14E+01	1.24E+01	9.44E-01	0.00E+00	0.00E+00	0.00E+00	1.84E+02
UD11C1	4.64E-03	1.06E+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-03	1.48E+01	0.00E+00	1.14E-07	5.03E-08	2.92E-03	3.24E-07	1.26E+00	0.00E+00	1.48E+01	4.31E-06	1.48E+01	1.61E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	2.47E+02
UD11F1	1.84E-03	4.69E-01	1.29E-02	4.56E-01	0.00E+00	0.00E+00	2.10E+00	4.77E-06	4.03E-04	4.59E-03	0.00E+00	-2.28E-04	5.97E-10	4.67E-09	2.51E-02	7.04E-01	1.83E-04	0.00E+00	1.93E+00	4.70E-03	5.48E+00	0.00E+00	4.43E-08	1.90E-08	1.26E-03	2.46E-07	3.66E-01	0.00E+00	5.48E+00	1.75E-06	5.48E+00	5.85E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	6.26E+01
UD12A1	4.53E-03	1.14E+00	4.34E-02	1.10E+00	0.00E+00	0.00E+00	8.08E+00	1.65E-05	9.96E-04	1.10E-02	0.00E+00	8.10E-04	5.89E-09	1.65E-08	7.08E-02	1.92E+00	3.69E-03	0.00E+00	5.94E+00	2.23E-02	1.41E+01	0.00E+00	1.09E-07	4.73E-08	3.00E-03	2.41E-06	1.13E+00	0.00E+00	1.41E+01	3.97E-06	1.41E+01	1.53E+01	1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+02
UD12B1	5.03E-03	1.21E+00	4.51E-02	1.16E+00	0.00E+00	0.00E+00	9.43E+00	2.01E-05	1.05E-03	1.18E-02	0.00E+00	-8.63E-04	1.31E-09	2.07E-08	7.41E-02	2.27E+00	1.83E-04	0.00E+00	7.28E+00	1.32E-02	1.59E+01	0.00E+00	1.24E-07	5.37E-08	3.25E-03	5.39E-07	1.30E+00	0.00E+00	1.59E+01	4.47E-06	1.59E+01	1.72E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	2.48E+02
UD12B2	5.16E-03	1.25E+00	4.59E-02	1.20E+00	0.00E+00	0.00E+00	9.46E+00	2.01E-05	1.08E-03	1.22E-02	0.00E+00	-9.11E-04	1.32E-09	2.08E-08	7.60E-02	2.31E+00	1.83E-04	0.00E+00	7.35E+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-06	1.62E+01	1.76E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+02
UD12B4	1.14E-02	2.26E+00	6.85E-02	2.19E+00	0.00E+00	0.00E+00	1.50E+01	2.95E-05	4.75E-03	2.05E-02	0.00E+00	-7.19E-04	2.12E-09	6.22E-08	9.94E-02	3.73E+00	1.83E-04	0.00E+00	1.13E+01	1.14E-02	2.16E+01	0.00E+00	1.71E-07	8.01E-08	5.52E-03	5.61E-07	2.01E+00	0.00E+00	2.16E+01	4.92E-06	2.16E+01	2.36E+01	2.01E+00	0.00E+00	0.00E+00	0.00E+00	3.94E+02
UD12F1	3.12E-03	8.03E-01	1.78E-02	7.85E-01	0.00E+00	0.00E+00	2.72E+00	6.62E-06	6.90E-04	7.92E-03	0.00E+00	-2.28E-04	7.05E-10	6.18E-09	4.06E-02	1.12E+00	1.83E-04	0.00E+00	2.85E+00	4.74E-03	9.09E+00	0.00E+00	7.44E-08	3.19E-08	2.17E-03	2.76E-07	5.53E-01	0.00E+00	9.09E+00	3.10E-06	9.09E+00	9.64E+00	5.53E-01	0.00E+00	0.00E+00	0.00E+00	9.03E+01
UD13A1	5.83E-03	1.48E+00	5.35E-02	1.42E+00	0.00E+00	0.00E+00	1.06E+01	2.16E-05	1.28E-03	1.42E-02	0.00E+00	8.10E-04	6.15E-09	2.21E-08	9.13E-02	2.51E+00	3.69E-03	0.00E+00	7.86E+00	2.23E-02	1.83E+01	0.00E+00	1.42E-07	6.10E-08	3.86E-03	2.45E-06	1.48E+00	0.00E+00	1.83E+01	5.00E-06	1.83E+01	1.97E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	2.63E+02
UD13B1	7.17E-03	1.72E+00	6.00E-02	1.66E+00	0.00E+00	0.00E+00	1.22E+01	2.66E-05	1.49E-03	1.69E-02	0.00E+00	-1.18E-03	1.61E-09	2.69E-08	1.02E-01	3.12E+00	1.83E-04	0.00E+00	9.73E+00	1.75E-02	2.23E+01	0.00E+00	1.75E-07	7.63E-08	4.67E-03	6.93E-07	1.75E+00	0.00E+00	2.23E+01	6.62E-06	2.23E+01	2.41E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	3.30E+02
UD13B2	5.98E-03	1.45E+00	5.66E-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	1.52E-09	2.54E-08	8.95E-02	2.73E+00	1.83E-04	0.00E+00	8.85E+00	1.87E-02	1.90E+01	0.00E+00	1.48E-07	6.39E-08	3.87E-03	7.00E-07	1.58E+00	0.00E+00	1.90E+01	5.18E-06	1.90E+01	2.06E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+02
UD21A1	5.88E-03	1.40E+00	5.19E-02	1.35E+00	0.00E+00	0.00E+00	1.03E+01	2.20E-05	1.24E-03	1.37E-02	0.00E+00	8.10E-04	6.26E-09	2.15E-08	8.71E-02	2.49E+00	3.69E-03	0.00E+00	7.77E+00	2.23E-02	1.83E+01	0.00E+00	1.40E-07	6.21E-08	3.81E-03	2.44E-06	1.45E+00	0.00E+00	1.83E+01	5.53E-06	1.83E+01	1.97E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	2.65E+02
UD21A1-LG	6.83E-03	1.61E+00	6.21E-02	1.55E+00	0.00E+00	0.00E+00	1.34E+01	2.81E-05	1.42E-03	1.57E-02	0.00E+00	8.10E-04	6.63E-09	2.80E-08	1.03E-01	3.03E+00	3.69E-03	0.00E+00	9.80E+00	2.23E-02	2.16E+01	0.00E+00	1.65E-07	7.29E-08	4.37E-03	2.47E-06	1.79E+00	0.00E+00	2.16E+01	6.28E-06	2.16E+01	2.34E+01	1.79E+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	1.46E+01	3.22E-05	1.54E-03	1.73E-02	0.00E+00	-8.63E-04	1.96E-09	3.19E-08	1.09E-01	3.48E+00	1.83E-04	0.00E+00	1.13E+01	1.33E-02	2.45E+01	0.00E+00	1.89E-07	8.40E-08	4.88E-03	6.02E-07	2.00E+00	0.00E+00	2.45E+01	7.55E-06	2.45E+01	2.65E+01	2.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E+02
UD21B5	5.12E-03	1.28E+00	5.85E-02	1.22E+00	0.00E+00	0.00E+00	9.26E+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	1.60E+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-06	1.60E+01	1.73E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+02
UD21C1	8.50E-03	1.97E+00	7.92E-02	1.89E+00	0.00E+00	0.00E+00	2.13E+01	4.32E-05	1.72E-03	1.92E-02	0.00E+00	-2.28E-04	3.54E-09	4.60E-08	1.36E-01	4.30E+00	1.83E-04	0.00E+00	1.50E+01	4.98E-03	2.81E+01	0.00E+00	2.14E-07	9.28E-08	5.28E-03	4.48E-07	2.62E+00	0.00E+00	2.81E+01	7.03E-06	2.81E+01	3.07E+01	2.62E+00	0.00E+00	0.00E+00	0.00E+00	5.20E+02
UD21D2B	5.70E-03	1.39E+00	4.34E-02	1.34E+00	0.00E+00	0.00E+00	1.01E+01	2.15E-05	1.20E-03	1.36E-02	0.00E+00	-2.28E-04	1.64E-09	2.21E-08	8.33E-02	2.51E+00	1.83E-04	0.00E+00	7.91E+00	4.85E-03	1.78E+01	0.00E+00	1.40E-07	6.05E-08	3.73E-03	3.54E-07	1.42E+00	0.00E+00	1.78E+01	5.15E-06	1.78E+01	1.93E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	2.67E+02
UD21F1	3.69E-03	9.23E-01	2.41E-02	8.98E-01	0.00E+00	0.00E+00	4.62E+00	1.04E-05	7.97E-04	9.08E-03	0.00E+00	-2.28E-04	1.02E-09	1.03E-08	5.03E-02	1.45E+00	1.83E-04	0.00E+00	4.11E+00	4.77E-03	1.11E+01	0.00E+00	8.91E-08	3.84E-08	2.49E-03	2.93E-07	7.66E-01	0.00E+00	1.11E+01	3.56E-06	1.11E+01	1.19E+01	7.66E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+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-03	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-06	1.32E+01	1.41E+01	8.97E-01	0.00E+00	0.00E+00	0.00E+00	1.47E+02
UD22G1	9.68E-03	2.29E+00	8.98E-02	2.20E+00	0.00E+00	0.00E+00	2.24E+01	4.61E-05	1.98E-03	2.22E-02	0.00E+00	-7.19E-04	2.67E-09	4.89E-08	1.52E-01	4.76E+00	1.83E-04	0.00E+00	1.63E+01	1.15E-02	3.16E+01	0.00E+00	2.43E-07	1.05E-07	6.11E-03	6.36E-07	2.85E+00	0.00E+00	3.16E+01	8.06E-06	3.16E+01	3.45E+01	2.85E+00	0.00E+00	0.00E+00	0.00E+00	5.59E+02
UD31A1	8.30E-03	1.96E+00	6.27E-02	1.90E+00	0.00E+00	0.00E+00	1.52E+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	3.70E+00	1.83E-04	0.00E+00	1.18E+01	4.95E-03	2.61E+01	0.00E+00	2.03E-07	8.88E-08	5.35E-03	4.21E-07	2.11E+00	0.00E+00	2.61E+01	7.72E-06	2.61E+01	2.82E+01	2.11E+00	0.00E+00	0.00E+00	0.00E+00	4.03E+02
UD31B1	1.12E-02	2.51E+00	9.45E-02	2.41E+00	0.00E+00	0.00E+00	2.21E+01	4.82E-05	2.22E-03	2.48E-02	0.00E+00	-1.18E-03	2.86E-09	4.83E-08	1.60E-01	5.12E+00	1.83E-04	0.00E+00	1.69E+01	1.76E-02	3.55E+01	0.00E+00	2.74E-07	1.21E-07	7.00E-03	7.97E-07	2.97E+00	0.00E+00	3.55E+01	1.06E-05	3.55E+01	3.85E+01	2.97E+00	0.00E+00	0.00E+00	0.00E+00	5.85E+02
UD31C1	1.27E-02	2.92E+00	1.15E-01	2.81E+00	0.00E+00	0.00E+00	3.13E+01	6.40E-05	2.55E-03	2.85E-02	0.00E+00	-2.28E-04	5.21E-09	6.77E-08	2.00E-01	6.37E+00	1.83E-04	0.00E+00	2.22E+01	5.15E-03	4.18E+01	0.00E+00	3.18E-07	1.39E-07	7.88E-03	5.66E-07	3.87E+00	0.00E+00	4.18E+01	1.07E-05	4.18E+01	4.57E+01	3.87E+00	0.00E+00	0.00E+00	0.00E+00	7.70E+02
UD31M1	7.92E-03	1.91E+00	6.58E-02	1.84E+00	0.00E+00	0.00E+00	1.70E+01	3.48E-05	1.65E-03	1.85E-02	0.00E+00	-8.71E-05	3.10E-09	3.69E-08	1.22E-01	3.76E+00	1.83E-04	0.00E+00	1.25E+01	3.09E-03	2.55E+01	0.00E+00	1.98E-07	8.51E-08	5.08E-03	3.80E-07	2.21E+00	0.00E+00	2.55E+01	6.76E-06	2.55E+01	2.77E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	4.27E+02
UD32A1N	1.21E-02	2.93E+00	9.54E-02	2.83E+00	0.00E+00	0.00E+00	2.37E+01	4.97E-05	2.53E-03	2.86E-02	0.00E+00	-2.28E-04	3.19E-09	5.20E-08	1.82E-01	5.56E+00	1.83E-04	0.00E+00	1.80E+01	5.11E-03	3.85E+01	0.00E+00	3.00E-07	1.29E-07	7.84E-03	5.36E-07	3.22E+00	0.00E+00	3.85E+01	1.06E-05	3.85E+01	4.17E+01	3.22E+00	0.00E+00	0.00E+00	0.00E+00	6.13E+02
UD32F1	6.51E-03	1.74E+00	4.07E-02	1.70E+00	0.00E+00	0.00E+00	7.82E+00	1.67E-05	1.47E-03	1.69E-02	0.00E+00	-2.28E-04	1.60E-09	1.75E-08	9.31E-02	2.55E+00	1.83E-04	0.00E+00	7.04E+00	4.88E-03	1.95E+01	0.00E+00	1.59E-07	6.67E-08	4.54E-03	3.75E-07	1.34E+00	0.00E+00	1.95E+01	5.79E-06	1.95E+01	2.09E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+02
UD33A1	1.94E-02	6.57E+00	1.28E-01	6.44E+00	0.00E+00	0.00E+00	3.03E+01	5.91E-05	4.94E-03	5.72E-02	0.00E+00	-2.28E-04	4.05E-09	6.77E-08	2.20E-01	7.47E+00	1.83E-04	0.00E+00	2.24E+01	5.35E-03	4.86E+01	0.00E+00	3.97E-07	1.83E-07	1.43E-02	7.07E-07	4.09E+00	0.00E+00	4.86E+01	1.19E-05	4.86E+01	5.27E+01	4.09E+00	0.00E+00	0.00E+00	0.00E+00	7.73E+02
UD33B1	2.20E-02	7.16E+00	1.81E-01	6.98E+00	0.00E+00	0.00E+00	3.97E+01	7.75E-05	5.43E-03	6.25E-02	0.00E+00	-2.94E-03	5.08E-09	8.81E-08	2.67E-01	9.04E+00	1.83E-04	0.00E+00	2.85E+01	4.13E-02	5.77E+01	0.00E+00	4.64E-07	2.12E-07	1.58E-02	1.66E-06	5.12E+00	0.00E+00	5.77E+01	1.33E-05	5.77E+01	6.28E+01	5.12E+00	0.00E+00	0.00E+00	0.00E+00	9.89E+02
UD41B1	1.35E-02	3.12E+00	1.22E-01	3.00E+00	0.00E+00	0.00E+00	2.90E+01	6.11E-05	2.72E-03	3.05E-02	0.00E+00	-1.50E-03	3.70E-09	6.33E-08	2.03E-01	6.40E+00	1.83E-04	0.00E+00	2.15E+01	2.19E-02	4.34E+01	0.00E+00	3.34E-07	1.46E-07	8.48E-03	9.79E-07	3.78E+00	0.00E+00	4.34E+01	1.19E-05	4.34E+01	4.72E+01	3.78E+00	0.00E+00	0.00E+00	0.00E+00	7.42E+02
UD41M1	1.07E-02	2.55E+00	9.11E-02	2.46E+00	0.00E+00	0.00E+00	2.41E+01	4.90E-05	2.21E-03	2.48E-02	0.00E+00	-8.71E-05	4.28E-09	5.21E-08	1.67E-01	5.16E+00	1.83E-04	0.00E+00	1.75E+01	3.20E-03	3.46E+01	0.00E+00	2.67E-07	1.15E-07	6.79E-03	4.62E-07	3.08E+00	0.00E+00	3.46E+01	8.93E-06	3.46E+01	3.77E+01	3.08E+00	0.00E+00	0.00E+00	0.00E+00	5.97E+02
UD42B1	2.08E-02	6.61E+00	1.75E-01	6.43E+00	0.00E+00	0.00E+00	3.83E+01	7.58E-05	5.05E-03	5.80E-02	0.00E+00	-3.14E-03	4.53E-09	8.49E-08	2.55E-01	8.67E+00	0.00E+00	0.00E+00	2.76E+01	4.22E-02	5.55E+01	0.00E+00	4.43E-07	2.03E-07	1.48E-02	1.56E-06	4.93E+00	0.00E+00	5.55E+01	1.32E-05	5.55E+01	6.04E+01	4.93E+00	0.00E+00	0.00E+00	0.00E+00	9.60E+02
UE11E0	2.64E-03	6.53E-01	1.82E-02	6.35E-01	0.00E+00	0.00E+00	3.42E+00	7.81E-06	5.63E-04	6.40E-03	0.00E+00	-2.28E-04	8.14E-10	7.56E-09	3.49E-02	1.05E+00	1.83E-04	0.00E+00	2.99E+00	4.73E-03	7.89E+00	0.00E+00	6.29E-08	2.77E-08	1.77E-03	2.66E-07	5.54E-01	0.00E+00	7.89E+00	2.59E-06	7.89E+00	8.44E+00	5.54E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
UE21A0	4.07E-03	9.92E-01	1.72E-02	9.74E-01	0.00E+00	0.00E+00	2.25E+00	7.13E-06	8.67E-04	9.97E-03	0.00E+00	-8.71E-05	6.09E-10	5.32E-09	4.58E-02	1.34E+00	1.83E-04	0.00E+00	3.07E+00	2.90E-03	1.14E+01	0.00E+00	9.36E-08	4.19E-08	2.79E-03	2.43E-07	6.07E-01	0.00E+00	1.14E+01	4.60E-06	1.14E+01	1.20E+01	6.07E-01	0.00E+00	0.00E+00	0.00E+00	9.92E+01
UE21D1	5.73E-02	3.32E+00	1.65E-01	3.15E+00	0.00E+00	0.00E+00	3.02E+01	5.86E-05	3.69E-02	3.44E-02	0.00E+00	-5.34E-05	5.86E-09	4.01E-07	1.93E-01	1.13E+01	2.96E-04	0.00E+00	2.75E+01	3.82E-03	4.49E+01	0.00E+00	3.53E-07	1.93E-07	1.18E-02	5.64E-07	4.89E+00	0.00E+00	4.49E+01	8.57E-06	4.49E+01	4.98E+01	4.89E+00	0.00E+00	0.00E+00	0.00E+00	9.98E+02
UE21D3	7.73E-02	4.10E+00	2.21E-01	3.88E+00	0.00E+00	0.00E+00	4.12E+01	7.90E-05	5.05E-02	4.26E-02	0.00E+00	-5.34E-05	7.82E-09	5.53E-07	2.45E-01	1.51E+01	2.96E-04	0.00E+00	3.68E+01	3.94E-03	5.69E+01	0.00E+00	4.44E-07	2.48E-07	1.49E-02	6.50E-07	6.52E+00	0.00E+00	5.69E+01	9.79E-06	5.69E+01	6.34E+01	6.52E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+03
UE21E0	4.91E-03	1.21E+00	2.13E-02	1.18E+00	0.00E+00	0.00E+00	2.99E+00	9.11E-06	1.04E-03	1.20E-02	0.00E+00	-8.71E-05	7.31E-10	7.01E-09	5.41E-02	1.64E+00	1.83E-04	0.00E+00	3.81E+00	2.92E-03	1.37E+01	0.00E+00	1.12E-07	5.06E-08	3.36E-03	2.62E-07	7.49E-01	0.00E+00	1.37E+01	5.51E-06	1.37E+01	1.44E+01	7.49E-01	0.00E+00	0.00E+00	0.00E+00	1.26E+02
UE21E2B	5.22E-03	1.30E+00	2.27E-02	1.28E+00	0.00E+00	0.00E+00	3.13E+00	9.37E-06	1.13E-03	1.29E-02	0.00E+00	-8.71E-05	7.61E-10	7.37E-09	5.86E-02	1.74E+00	1.83E-04	0.00E+00	4.02E+00	2.94E-03	1.46E+01	0.00E+00	1.19E-07	5.36E-08	3.60E-03	2.71E-07	7.95E-01	0.00E+00	1.46E+01	5.75E-06	1.46E+01	1.54E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	1.31E+02
UE21E5	4.88E-03	1.24E+00	4.10E-02	1.20E+00	0.00E+00	0.00E+00	2.96E+00	9.01E-06	1.05E-03	1.20E-02	0.00E+00	-2.56E-03	7.27E-10	7.04E-09	5.30E-02	1.62E+00	1.83E-04	0.00E+00	3.76E+00	3.55E-02	1.35E+01	0.00E+00	1.10E-07	5.01E-08	3.36E-03	1.05E-06	7.35E-01	0.00E+00	1.35E+01	5.15E-06	1.35E+01	1.42E+01	7.35E-01	0.00E+00	0.00E+00	0.00E+00	1.25E+02
UE22E0	6.07E-03	1.57E+00	2.64E-02	1.54E+00	0.00E+00	0.00E+00	3.52E+00	1.01E-05	1.34E-03	1.55E-02	0.00E+00	-8.71E-05	8.43E-10	8.36E-09	7.11E-02	2.03E+00	1.83E-04	0.00E+00	4.60E+00	2.97E-03	1.70E+01	0.00E+00	1.40E-07	6.18E-08	4.25E-03	2.95E-07	9.22E-01	0.00E+00	1.70E+01	6.43E-06	1.70E+01	1.79E+01	9.22E-01	0.00E+00	0.00E+00	0.00E+00	1.46E+02
UE22E5	5.90E-03	1.59E+00	4.54E-02	1.55E+00	0.00E+00	0.00E+00	3.46E+00	9.86E-06	1.32E-03	1.53E-02	0.00E+00	-2.56E-03	8.33E-10	8.32E-09	6.64E-02	1.94E+00	1.83E-04	0.00E+00	4.42E+00	3.56E-02	1.61E+01	0.00E+00	1.33E-07	5.94E-08	4.17E-03	1.08E-06	8.79E-01	0.00E+00	1.61E+01	5.84E-06	1.61E+01	1.70E+01	8.79E-01	0.00E+00	0.00E+00	0.00E+00	1.42E+02
UE22PEN	6.24E-03	1.61E+00	2.66E-02	1.58E+00	0.00E+00	0.00E+00	3.47E+00	1.02E-05	1.37E-03	1.58E-02	0.00E+00	-8.71E-05	8.33E-10	8.29E-09	7.23E-02	2.07E+00	1.83E-04	0.00E+00	4.66E+00	2.97E-03	1.74E+01	0.00E+00	1.44E-07	6.36E-08	4.37E-03	2.98E-07	9.36E-01	0.00E+00	1.74E+01	6.69E-06	1.74E+01	1.84E+01	9.36E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
UE31E2B	7.01E-03	1.73E+00	2.93E-02	1.70E+00	0.00E+00	0.00E+00	4.08E+00	1.26E-05	1.50E-03	1.72E-02	0.00E+00	-8.71E-05	9.14E-10	9.65E-09	7.84E-02	2.33E+00	1.83E-04	0.00E+00	5.37E+00	2.99E-03	1.96E+01	0.00E+00	1.61E-07	7.21E-08	4.82E-03	3.08E-07	1.06E+00	0.00E+00	1.96E+01	7.84E-06	1.96E+01	2.07E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+02
UE52K4N	1.14E-02	4.68E+00	5.19E-01	4.16E+00	0.00E+00	0.00E+00	1.62E+01	3.05E-05	3.09E-03	3.60E-02	0.00E+00	-5.57E-02	3.09E-09	3.83E-08	1.24E-01	4.13E+00	1.83E-04	0.00E+00	1.19E+01	7.37E-01	2.69E+01	0.00E+00	2.23E-07	1.02E-07	8.83E-03	1.82E-05	2.15E+00	0.00E+00	2.69E+01	-9.63E-08	2.69E+01	2.90E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	4.10E+02
UG41T2	1.02E-02	2.54E+00	1.43E-01	2.40E+00	0.00E+00	0.00E+00	2.18E+01	4.50E-05	2.14E-03	2.41E-02	0.00E+00	-7.41E-03	3.09E-09	4.77E-08	1.58E-01	4.84E+00	1.83E-04	0.00E+00	1.61E+01	9.98E-02	3.29E+01	0.00E+00	2.55E-07	1.10E-07	6.59E-03	2.79E-06	2.84E+00	0.00E+00	3.29E+01	7.90E-06	3.29E+01	3.57E+01	2.84E+00	0.00E+00	0.00E+00	0.00E+00	5.50E+02
UG81S3	1.29E-02	2.93E+00	6.39E-02	2.86E+00	0.00E+00	0.00E+00	1.15E+01	2.61E-05	3.77E-03	2.89E-02	0.00E+00	-1.89E-04	2.23E-09	3.97E-08	1.52E-01	4.42E+00	1.83E-04	0.00E+00	1.14E+01	4.52E-03	3.35E+01	0.00E+00	2.75E-07	1.18E-07	7.94E-03	4.75E-07	2.18E+00	0.00E+00	3.35E+01	1.07E-05	3.35E+01	3.57E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+02
UK21A3	4.18E-03	1.05E+00	3.26E-02	1.02E+00	0.00E+00	0.00E+00	7.27E+00	1.51E-05	9.04E-04	1.02E-02	0.00E+00	-2.28E-04	1.33E-09	1.59E-08	6.26E-02	1.83E+00	1.83E-04	0.00E+00	5.71E+00	4.80E-03	1.31E+01	0.00E+00	1.03E-07	4.40E-08	2.78E-03	3.16E-07	1.04E+00	0.00E+00	1.31E+01	3.61E-06	1.31E+01	1.41E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+02
UK21LH0	6.25E-03	1.47E+00	5.12E-02	1.42E+00	0.00E+00	0.00E+00	1.27E+01	2.67E-05	1.28E-03	1.44E-02	0.00E+00	-2.28E-04	2.37E-09	2.77E-08	9.33E-02	2.89E+00	1.83E-04	0.00E+00	9.53E+00	4.88E-03	1.99E+01	0.00E+00	1.54E-07	6.72E-08	3.99E-03	3.71E-07	1.69E+00	0.00E+00	1.99E+01	5.58E-06	1.99E+01	2.16E+01	1.69E+00	0.00E+00	0.00E+00	0.00E+00	3.27E+02
UK21LH1	5.41E-03	1.31E+00	4.53E-02	1.26E+00	0.00E+00	0.00E+00	1.15E+01	2.37E-05	1.13E-03	1.27E-02	0.00E+00	-8.71E-05	2.18E-09	2.50E-08	8.37E-02	2.56E+00	1.83E-04	0.00E+00	8.50E+00	2.99E-03	1.74E+01	0.00E+00	1.35E-07	5.81E-08	3.48E-03	3.08E-07	1.51E+00	0.00E+00	1.74E+01	4.61E-06	1.74E+01	1.89E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	2.90E+02
UK21R1	5.17E-03	1.24E+00	4.00E-02	1.20E+00	0.00E+00	0.00E+00	9.41E+00	2.00E-05	1.08E-03	1.21E-02	0.00E+00	-2.28E-04	1.82E-09	2.05E-08	7.52E-02	2.29E+00	1.83E-04	0.00E+00	7.29E+00	4.83E-03	1.62E+01	0.00E+00	1.27E-07	5.51E-08	3.35E-03	3.38E-07	1.31E+00	0.00E+00	1.62E+01	4.73E-06	1.62E+01	1.75E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.48E+02
UK21S1	5.33E-03	1.27E+00	4.18E-02	1.23E+00	0.00E+00	0.00E+00	9.93E+00	2.11E-05	1.11E-03	1.25E-02	0.00E+00	-2.28E-04	1.90E-09	2.16E-08	7.80E-02	2.39E+00	1.83E-04	0.00E+00	7.64E+00	4.84E-03	1.68E+01	0.00E+00	1.31E-07	5.69E-08	3.45E-03	3.43E-07	1.37E+00	0.00E+00	1.68E+01	4.86E-06	1.68E+01	1.82E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+02
UK31C2	1.19E-02	3.27E+00	9.49E-02	3.17E+00	0.00E+00	0.00E+00	2.42E+01	4.85E-05	2.66E-03	3.02E-02	0.00E+00	-2.28E-04	4.34E-09	5.27E-08	1.68E-01	5.36E+00	1.83E-04	0.00E+00	1.75E+01	5.10E-03	3.55E+01	0.00E+00	2.78E-07	1.23E-07	8.00E-03	5.31E-07	3.12E+00	0.00E+00	3.55E+01	8.99E-06	3.55E+01	3.86E+01	3.12E+00	0.00E+00	0.00E+00	0.00E+00	6.03E+02
UL25B9	1.78E-04	1.18E-01	7.20E-02	4.63E-02	0.00E+00	0.00E+00	6.42E-02	9.59E-08	1.22E-04	3.40E-04	0.00E+00	-8.90E-03	1.20E-11	1.40E-09	5.22E-04	2.29E-02	0.00E+00	0.00E+00	5.13E-02	1.17E-01	7.38E-02	0.00E+00	6.77E-10	2.60E-10	7.89E-05	2.85E-06	-1.60E-03	0.00E+00	7.38E-02	-1.03E-06	7.38E-02	7.22E-02	-1.60E-03	0.00E+00	0.00E+00	0.00E+00	1.94E+00
UM00H1	1.38E-03	3.42E-01	1.39E-02	3.28E-01	0.00E+00	0.00E+00	3.14E+00	6.24E-06	2.95E-04	3.29E-03	0.00E+00	-8.00E-06	1.12E-09	6.66E-09	2.26E-02	6.63E-01	4.49E-04	0.00E+00	2.23E+00	4.16E-03	4.51E+00	0.00E+00	3.46E-08	1.48E-08	8.92E-04	3.54E-07	4.01E-01	0.00E+00	4.51E+00	1.11E-06	4.51E+00	4.91E+00	4.01E-01	0.00E+00	0.00E+00	0.00E+00	7.56E+01
UM00H2	1.51E-03	3.69E-01	1.52E-02	3.54E-01	0.00E+00	0.00E+00	3.53E+00	7.03E-06	3.19E-04	3.54E-03	0.00E+00	-8.00E-06	1.18E-09	7.50E-09	2.47E-02	7.33E-01	4.49E-04	0.00E+00	2.49E+00	4.17E-03	4.93E+00	0.00E+00	3.78E-08	1.62E-08	9.65E-04	3.58E-07	4.45E-01	0.00E+00	4.93E+00	1.20E-06	4.93E+00	5.38E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	8.49E+01
UM00K1	1.51E-03	3.69E-01	1.52E-02	3.54E-01	0.00E+00	0.00E+00	3.53E+00	7.03E-06	3.19E-04	3.54E-03	0.00E+00	-8.00E-06	1.18E-09	7.50E-09	2.47E-02	7.33E-01	4.49E-04	0.00E+00	2.49E+00	4.17E-03	4.93E+00	0.00E+00	3.78E-08	1.62E-08	9.65E-04	3.58E-07	4.45E-01	0.00E+00	4.93E+00	1.20E-06	4.93E+00	5.38E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	8.49E+01
UM00K2	1.51E-03	3.69E-01	1.52E-02	3.54E-01	0.00E+00	0.00E+00	3.53E+00	7.03E-06	3.19E-04	3.54E-03	0.00E+00	-8.00E-06	1.18E-09	7.50E-09	2.47E-02	7.33E-01	4.49E-04	0.00E+00	2.49E+00	4.17E-03	4.93E+00	0.00E+00	3.78E-08	1.62E-08	9.65E-04	3.58E-07	4.45E-01	0.00E+00	4.93E+00	1.20E-06	4.93E+00	5.38E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	8.49E+01
UM00M0	1.61E-03	2.96E-01	6.25E-03	2.90E-01	0.00E+00	0.00E+00	1.25E+00	4.29E-06	2.84E-04	3.22E-03	0.00E+00	8.82E-20	1.80E-10	2.82E-09	1.54E-02	5.55E-01	0.00E+00	0.00E+00	1.45E+00	4.02E-05	4.64E+00	0.00E+00	3.63E-08	1.75E-08	9.88E-04	2.86E-08	2.64E-01	0.00E+00	4.64E+00	2.21E-06	4.64E+00	4.91E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	5.27E+01
UM00M1	4.45E-03	1.47E+00	4.03E-02	1.43E+00	0.00E+00	0.00E+00	2.64E+01	1.92E-05	1.50E-03	8.18E-03	0.00E+00	2.46E-01	1.96E-07	4.49E-08	4.15E-02	1.55E+00	0.00E+00	0.00E+00	4.79E+00	2.74E-02	1.02E+01	0.00E+00	7.84E-08	3.74E-08	2.34E-03	9.01E-07	8.36E-01	0.00E+00	1.02E+01	3.16E-06	1.02E+01	1.11E+01	8.36E-01	0.00E+00	0.00E+00	0.00E+00	1.71E+02
UM00M2	4.28E-03	7.43E-01	4.03E-02	7.02E-01	0.00E+00	0.00E+00	6.01E+00	1.37E-05	1.39E-03	7.27E-03	0.00E+00	-2.05E-03	9.86E-10	2.05E-08	4.14E-02	1.55E+00	0.00E+00	0.00E+00	4.79E+00	2.71E-02	1.01E+01	0.00E+00	7.79E-08	3.69E-08	2.13E-03	7.33E-07	8.36E-01	0.00E+00	1.01E+01	3.16E-06	1.01E+01	1.10E+01	8.36E-01	0.00E+00	0.00E+00	0.00E+00	1.71E+02
UM41UK	5.44E-03	1.08E+00	3.73E-02	1.05E+00	0.00E+00	0.00E+00	8.84E+00	2.15E-05	9.98E-04	1.12E-02	0.00E+00	-2.68E-04	1.65E-09	1.92E-08	6.63E-02	2.29E+00	1.83E-04	0.00E+00	7.23E+00	5.33E-03	1.67E+01	0.00E+00	1.28E-07	5.98E-08	3.30E-03	3.34E-07	1.27E+00	0.00E+00	1.67E+01	6.24E-06	1.67E+01	1.80E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	2.58E+02
UM51UK	7.29E-03	1.43E+00	4.60E-02	1.38E+00	0.00E+00	0.00E+00	1.08E+01	2.73E-05	1.33E-03	1.49E-02	0.00E+00	-2.68E-04	1.96E-09	2.36E-08	8.56E-02	2.98E+00	1.83E-04	0.00E+00	9.18E+00	5.38E-03	2.22E+01	0.00E+00	1.70E-07	8.00E-08	4.43E-03	3.70E-07	1.62E+00	0.00E+00	2.22E+01	8.64E-06	2.22E+01	2.38E+01	1.62E+00	0.00E+00	0.00E+00	0.00E+00	3.28E+02
UM61UK	9.68E-03	1.89E+00	6.06E-02	1.83E+00	0.00E+00	0.00E+00	1.46E+01	3.66E-05	1.76E-03	1.97E-02	0.00E+00	-2.68E-04	2.55E-09	3.18E-08	1.14E-01	3.98E+00	1.83E-04	0.00E+00	1.23E+01	5.45E-03	2.96E+01	0.00E+00	2.27E-07	1.06E-07	5.88E-03	4.23E-07	2.16E+00	0.00E+00	2.96E+01	1.15E-05	2.96E+01	3.17E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	4.40E+02
UM71UK	1.02E-02	2.01E+00	6.66E-02	1.95E+00	0.00E+00	0.00E+00	1.63E+01	4.01E-05	1.87E-03	2.09E-02	0.00E+00	-2.68E-04	2.85E-09	3.56E-08	1.24E-01	4.29E+00	1.83E-04	0.00E+00	1.35E+01	5.47E-03	3.15E+01	0.00E+00	2.41E-07	1.13E-07	6.20E-03	4.40E-07	2.37E+00	0.00E+00	3.15E+01	1.19E-05	3.15E+01	3.39E+01	2.37E+00	0.00E+00	0.00E+00	0.00E+00	4.82E+02
UN04A	3.46E-03	8.33E-01	3.45E-02	7.98E-01	0.00E+00	0.00E+00	1.01E+01	2.01E-05	7.05E-04	7.84E-03	0.00E+00	4.06E-19	1.69E-09	2.18E-08	5.48E-02	1.85E+00	0.00E+00	0.00E+00	6.79E+00	1.46E-04	1.13E+01	0.00E+00	8.50E-08	3.77E-08	2.13E-03	1.04E-07	1.16E+00	0.00E+00	1.13E+01	2.57E-06	1.13E+01	1.25E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02
UN05A	4.04E-03	9.58E-01	4.07E-02	9.17E-01	0.00E+00	0.00E+00	1.20E+01	2.38E-05	8.15E-04	9.05E-03	0.00E+00	4.77E-19	2.00E-09	2.57E-08	6.46E-02	2.18E+00	0.00E+00	0.00E+00	8.02E+00	1.71E-04	1.33E+01	0.00E+00	9.98E-08	4.43E-08	2.47E-03	1.21E-07	1.37E+00	0.00E+00	1.33E+01	3.03E-06	1.33E+01	1.47E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	2.83E+02
UN06A	5.02E-03	1.17E+00	5.11E-02	1.12E+00	0.00E+00	0.00E+00	1.51E+01	3.00E-05	1.00E-03	1.11E-02	0.00E+00	5.96E-19	2.51E-09	3.24E-08	8.10E-02	2.73E+00	0.00E+00	0.00E+00	1.01E+01	2.13E-04	1.67E+01	0.00E+00	1.25E-07	5.53E-08	3.04E-03	1.51E-07	1.73E+00	0.00E+00	1.67E+01	3.80E-06	1.67E+01	1.85E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	3.56E+02
UN07A	5.78E-03	1.33E+00	5.91E-02	1.27E+00	0.00E+00	0.00E+00	1.75E+01	3.48E-05	1.14E-03	1.27E-02	0.00E+00	6.88E-19	2.91E-09	3.75E-08	9.37E-02	3.16E+00	0.00E+00	0.00E+00	1.17E+01	2.45E-04	1.93E+01	0.00E+00	1.44E-07	6.38E-08	3.48E-03	1.74E-07	2.00E+00	0.00E+00	1.93E+01	4.40E-06	1.93E+01	2.13E+01	2.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E+02
UN08A	6.58E-03	1.50E+00	6.76E-02	1.43E+00	0.00E+00	0.00E+00	2.00E+01	3.99E-05	1.30E-03	1.43E-02	0.00E+00	7.86E-19	3.33E-09	4.29E-08	1.07E-01	3.61E+00	0.00E+00	0.00E+00	1.34E+01	2.79E-04	2.21E+01	0.00E+00	1.64E-07	7.28E-08	3.95E-03	1.99E-07	2.29E+00	0.00E+00	2.21E+01	5.03E-06	2.21E+01	2.44E+01	2.29E+00	0.00E+00	0.00E+00	0.00E+00	4.72E+02
UN09A	7.39E-03	1.68E+00	7.62E-02	1.60E+00	0.00E+00	0.00E+00	2.26E+01	4.51E-05	1.45E-03	1.60E-02	0.00E+00	8.85E-19	3.76E-09	4.85E-08	1.21E-01	4.07E+00	0.00E+00	0.00E+00	1.51E+01	3.14E-04	2.49E+01	0.00E+00	1.85E-07	8.19E-08	4.42E-03	2.24E-07	2.58E+00	0.00E+00	2.49E+01	5.68E-06	2.49E+01	2.75E+01	2.58E+00	0.00E+00	0.00E+00	0.00E+00	5.33E+02
UN10A	8.06E-03	1.82E+00	8.34E-02	1.74E+00	0.00E+00	0.00E+00	2.47E+01	4.94E-05	1.58E-03	1.75E-02	0.00E+00	9.67E-19	4.12E-09	5.31E-08	1.32E-01	4.45E+00	0.00E+00	0.00E+00	1.66E+01	3.43E-04	2.72E+01	0.00E+00	2.03E-07	8.95E-08	4.82E-03	2.44E-07	2.82E+00	0.00E+00	2.72E+01	6.22E-06	2.72E+01	3.01E+01	2.82E+00	0.00E+00	0.00E+00	0.00E+00	5.84E+02
UN11A	8.91E-03	2.00E+00	9.24E-02	1.91E+00	0.00E+00	0.00E+00	2.74E+01	5.48E-05	1.74E-03	1.92E-02	0.00E+00	1.07E-18	4.57E-09	5.88E-08	1.46E-01	4.92E+00	0.00E+00	0.00E+00	1.83E+01	3.79E-04	3.02E+01	0.00E+00	2.24E-07	9.90E-08	5.32E-03	2.70E-07	3.13E+00	0.00E+00	3.02E+01	6.89E-06	3.02E+01	3.33E+01	3.13E+00	0.00E+00	0.00E+00	0.00E+00	6.47E+02
UN12A	9.55E-03	2.14E+00	9.93E-02	2.04E+00	0.00E+00	0.00E+00	2.94E+01	5.89E-05	1.86E-03	2.06E-02	0.00E+00	1.15E-18	4.91E-09	6.32E-08	1.57E-01	5.29E+00	0.00E+00	0.00E+00	1.97E+01	4.07E-04	3.24E+01	0.00E+00	2.41E-07	1.06E-07	5.69E-03	2.90E-07	3.36E+00	0.00E+00	3.24E+01	7.40E-06	3.24E+01	3.57E+01	3.36E+00	0.00E+00	0.00E+00	0.00E+00	6.96E+02
UN13A	1.13E-02	2.52E+00	1.18E-01	2.40E+00	0.00E+00	0.00E+00	3.51E+01	7.01E-05	2.20E-03	2.43E-02	0.00E+00	1.36E-18	5.84E-09	7.52E-08	1.87E-01	6.29E+00	0.00E+00	0.00E+00	2.35E+01	4.82E-04	3.85E+01	0.00E+00	2.86E-07	1.26E-07	6.73E-03	3.44E-07	4.00E+00	0.00E+00	3.85E+01	8.80E-06	3.85E+01	4.25E+01	4.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E+02
UN31TN	3.56E-03	7.78E-01	3.90E-02	7.39E-01	0.00E+00	0.00E+00	1.06E+01	2.14E-05	6.84E-04	7.53E-03	0.00E+00	-2.68E-04	2.00E-09	2.27E-08	5.80E-02	1.94E+00	1.83E-04	0.00E+00	7.16E+00	5.30E-03	1.21E+01	0.00E+00	8.97E-08	3.98E-08	2.11E-03	3.18E-07	1.23E+00	0.00E+00	1.21E+01	2.89E-06	1.21E+01	1.33E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	2.53E+02
UN41B1	1.04E-02	2.01E+00	7.17E-02	1.94E+00	0.00E+00	0.00E+00	1.52E+01	3.51E-05	2.71E-03	2.02E-02	0.00E+00	-1.14E-03	2.73E-09	4.22E-08	1.18E-01	4.05E+00	1.83E-04	0.00E+00	1.24E+01	1.70E-02	2.83E+01	0.00E+00	2.19E-07	1.01E-07	5.85E-03	7.12E-07	2.20E+00	0.00E+00	2.83E+01	9.56E-06	2.83E+01	3.05E+01	2.20E+00	0.00E+00	0.00E+00	0.00E+00	4.36E+02
UN41U1	9.07E-03	1.69E+00	5.71E-02	1.63E+00	0.00E+00	0.00E+00	1.18E+01	2.84E-05	2.44E-03	1.72E-02	0.00E+00	-8.19E-04	1.73E-09	3.50E-08	9.82E-02	3.38E+00	1.83E-04	0.00E+00	1.01E+01	1.27E-02	2.41E+01	0.00E+00	1.87E-07	8.66E-08	5.03E-03	5.70E-07	1.80E+00	0.00E+00	2.41E+01	8.54E-06	2.41E+01	2.59E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	3.55E+02
UN51TN	8.05E-03	1.74E+00	8.63E-02	1.66E+00	0.00E+00	0.00E+00	2.48E+01	5.00E-05	1.54E-03	1.69E-02	0.00E+00	-3.21E-04	4.13E-09	5.33E-08	1.33E-01	4.48E+00	3.10E-06	0.00E+00	1.67E+01	4.60E-03	2.76E+01	0.00E+00	2.04E-07	9.04E-08	4.73E-03	3.48E-07	2.84E+00	0.00E+00	2.76E+01	6.46E-06	2.76E+01	3.04E+01	2.84E+00	0.00E+00	0.00E+00	0.00E+00	5.90E+02
UN61B3	1.45E-02	3.01E+00	1.04E-01	2.90E+00	0.00E+00	0.00E+00	2.31E+01	5.14E-05	3.64E-03	2.99E-02	0.00E+00	-1.32E-03	4.07E-09	6.03E-08	1.81E-01	5.92E+00	1.83E-04	0.00E+00	1.84E+01	1.96E-02	4.13E+01	0.00E+00	3.21E-07	1.44E-07	8.51E-03	8.85E-07	3.28E+00	0.00E+00	4.13E+01	1.31E-05	4.13E+01	4.46E+01	3.28E+00	0.00E+00	0.00E+00	0.00E+00	6.39E+02

UN61U3	1.24E-02	2.54E+00	8.26E-02	2.45E+00	0.00E+00	0.00E+00	1.76E+01	4.01E-05	3.23E-03	2.53E-02	0.00E+00	-1.00E-03	2.44E-09	4.85E-08	1.49E-01	4.84E+00	1.83E-04	0.00E+00	1.46E+01	1.52E-02	3.43E+01	0.00E+00	2.68E-07	1.21E-07	7.22E-03	7.23E-07	2.62E+00	0.00E+00	3.43E+01	1.12E-05	3.43E+01	3.69E+01	2.62E+00	0.00E+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	5.66E-05	3.80E-03	3.16E-02	0.00E+00	-1.32E-03	4.50E-09	6.58E-08	1.94E-01	6.38E+00	1.83E-04	0.00E+00	2.02E+01	1.96E-02	4.41E+01	0.00E+00	3.42E-07	1.54E-07	8.99E-03	9.10E-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	0.00E+00	7.00E+02
UN71B4	1.65E-02	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	7.30E-08	2.03E-01	6.73E+00	1.83E-04	0.00E+00	2.13E+01	2.20E-02	4.60E+01	0.00E+00	3.57E-07	1.60E-07	9.39E-03	9.85E-07	3.76E+00	0.00E+00	4.60E+01	1.41E-05	4.60E+01	4.98E+01	3.76E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E+02
UN81B3	1.74E-02	3.57E+00	1.24E-01	3.45E+00	0.00E+00	0.00E+00	2.84E+01	6.38E-05	4.17E-03	3.58E-02	0.00E+00	-1.32E-03	4.92E-09	7.17E-08	2.17E-01	7.19E+00	1.83E-04	0.00E+00	2.26E+01	1.97E-02	5.03E+01	0.00E+00	3.90E-07	1.76E-07	1.02E-02	9.52E-07	4.00E+00	0.00E+00	5.03E+01	1.63E-05	5.03E+01	5.43E+01	4.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E+02
UN81B4	1.73E-02	3.50E+00	1.29E-01	3.37E+00	0.00E+00	0.00E+00	2.97E+01	6.46E-05	4.48E-03	3.47E-02	0.00E+00	-1.51E-03	5.17E-09	7.85E-08	2.17E-01	7.19E+00	1.83E-04	0.00E+00	2.30E+01	2.21E-02	4.88E+01	0.00E+00	3.77E-07	1.69E-07	9.87E-03	1.01E-06	4.06E+00	0.00E+00	4.88E+01	1.47E-05	4.88E+01	5.29E+01	4.06E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E+02
US31A3R1	2.25E-03	7.07E-01	1.03E-02	6.97E-01	0.00E+00	0.00E+00	1.06E+00	1.95E-06	5.79E-04	6.73E-03	0.00E+00	5.41E-05	4.61E-10	2.62E-09	3.33E-02	7.48E-01	1.83E-04	0.00E+00	1.53E+00	9.99E-04	6.42E+00	0.00E+00	5.56E-08	2.16E-08	1.73E-03	1.73E-07	3.39E-01	0.00E+00	6.42E+00	1.79E-06	6.42E+00	6.76E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E+01
UT12PN	2.04E-03	4.39E-01	2.17E-02	4.17E-01	0.00E+00	0.00E+00	6.47E+00	1.30E-05	3.88E-04	4.27E-03	0.00E+00	2.49E-19	9.74E-10	1.39E-08	3.43E-02	1.15E+00	0.00E+00	0.00E+00	4.33E+00	8.75E-05	7.06E+00	0.00E+00	5.21E-08	2.30E-08	1.19E-03	6.23E-08	7.37E-01	0.00E+00	7.06E+00	1.62E-06	7.06E+00	7.79E+00	7.37E-01	0.00E+00	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	4.06E-03	1.75E-02	0.00E+00	-1.76E-03	2.56E-09	5.60E-08	1.08E-01	3.67E+00	9.09E-05	0.00E+00	1.11E+01	2.44E-02	2.29E+01	0.00E+00	1.80E-07	8.02E-08	4.95E-03	8.28E-07	1.99E+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	0.00E+00	3.82E+02
UW41U	1.13E-02	1.88E+00	7.91E-02	1.80E+00	0.00E+00	0.00E+00	1.50E+01	3.04E-05	4.53E-03	1.82E-02	0.00E+00	-1.89E-03	2.92E-09	6.15E-08	1.12E-01	3.86E+00	2.73E-04	0.00E+00	1.17E+01	2.77E-02	2.38E+01	0.00E+00	1.87E-07	8.36E-08	5.15E-03	1.00E-06	2.09E+00	0.00E+00	2.38E+01	5.90E-06	2.38E+01	2.59E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E+02
UW51U	1.28E-02	2.26E+00	9.18E-02	2.16E+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	2.78E-02	2.87E+01	0.00E+00	2.25E-07	9.98E-08	6.14E-03	1.05E-06	2.52E+00	0.00E+00	2.87E+01	7.10E-06	2.87E+01	3.12E+01	2.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E+02
UW51UA	1.02E-02	2.11E+00	7.89E-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	3.25E-09	5.08E-08	1.29E-01	4.10E+00	2.73E-04	0.00E+00	1.29E+01	1.81E-02	2.69E+01	0.00E+00	2.11E-07	9.16E-08	5.65E-03	7.99E-07	2.31E+00	0.00E+00	2.69E+01	6.82E-06	2.69E+01	2.92E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E+02
UW51V	1.37E-02	2.46E+00	1.02E-01	2.36E+00	0.00E+00	0.00E+00	2.14E+01	4.33E-05	5.03E-03	2.39E-02	0.00E+00	-1.95E-03	3.76E-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	9.68E-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	0.00E+00	5.57E+02
UW61U	1.44E-02	2.67E+00	1.04E-01	2.57E+00	0.00E+00	0.00E+00	2.13E+01	4.31E-05	5.20E-03	2.58E-02	0.00E+00	-1.89E-03	4.01E-09	7.54E-08	1.62E-01	5.32E+00	2.73E-04	0.00E+00	1.64E+01	2.78E-02	3.38E+01	0.00E+00	2.65E-07	1.16E-07	7.21E-03	1.09E-06	2.94E+00	0.00E+00	3.38E+01	8.36E-06	3.38E+01	3.67E+01	2.94E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E+02
UW61UA	1.18E-02	2.53E+00	9.12E-02	2.44E+00	0.00E+00	0.00E+00	2.00E+01	4.06E-05	3.56E-03	2.44E-02	0.00E+00	-1.16E-03	3.77E-09	5.75E-08	1.54E-01	4.83E+00	2.73E-04	0.00E+00	1.52E+01	1.81E-02	3.19E+01	0.00E+00	2.51E-07	1.08E-07	6.72E-03	8.46E-07	2.73E+00	0.00E+00	3.19E+01	8.08E-06	3.19E+01	3.47E+01	2.73E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E+02
UW61V	1.58E-02	2.98E+00	1.19E-01	2.86E+00	0.00E+00	0.00E+00	2.59E+01	5.24E-05	5.48E-03	2.89E-02	0.00E+00	-1.95E-03	4.53E-09	8.53E-08	1.86E-01	6.14E+00	9.05E-05	0.00E+00	1.95E+01	2.70E-02	3.88E+01	0.00E+00	3.02E-07	1.33E-07	8.05E-03	1.03E-06	3.46E+00	0.00E+00	3.88E+01	9.52E-06	3.88E+01	4.22E+01	3.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E+02
UW61VA	1.33E-02	2.84E+00	1.06E-01	2.74E+00	0.00E+00	0.00E+00	2.46E+01	4.98E-05	3.83E-03	2.75E-02	0.00E+00	-1.21E-03	4.30E-09	6.74E-08	1.79E-01	5.65E+00	9.05E-05	0.00E+00	1.83E+01	1.73E-02	3.70E+01	0.00E+00	2.88E-07	1.25E-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	0.00E+00	6.25E+02
UW71U	1.65E-02	3.21E+00	1.19E-01	3.10E+00	0.00E+00	0.00E+00	2.48E+01	5.04E-05	5.67E-03	3.11E-02	0.00E+00	-1.89E-03	4.61E-09	8.31E-08	1.94E-01	6.24E+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	4.38E+01	3.45E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E+02
UW71V	1.81E-02	3.57E+00	1.36E-01	3.43E+00	0.00E+00	0.00E+00	3.01E+01	6.09E-05	5.98E-03	3.46E-02	0.00E+00	-1.95E-03	5.24E-09	9.45E-08	2.21E-01	7.18E+00	9.12E-05	0.00E+00	2.28E+01	2.71E-02	4.61E+01	0.00E+00	3.60E-07	1.57E-07	9.60E-03	1.10E-06	4.05E+00	0.00E+00	4.61E+01	1.15E-05	4.61E+01	5.02E+01	4.05E+00	0.00E+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	2.14E-01	6.69E+00	9.05E-05	0.00E+00	2.16E+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	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	7.16E+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	5.63E+00	1.56E-02	1.11E+01	0.00E+00	8.70E-08	3.94E-08	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	0.00E+00	1.94E+02
UY02R2N	6.29E-03	1.18E+00	4.01E-02	1.14E+00	0.00E+00	0.00E+00	9.70E+00	1.93E-05	2.26E-03	1.15E-02	0.00E+00	5.41E-05	1.55E-09	3.46E-08	7.36E-02	2.38E+00	1.83E-04	0.00E+00	7.39E+00	1.10E-03	1.50E+01	0.00E+00	1.19E-07	5.15E-08	3.18E-03	2.46E-07	1.33E+00	0.00E+00	1.50E+01	3.61E-06	1.50E+01	1.64E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E+02
UY02R2S	1.06E-02	1.44E+00	6.87E-02	1.37E+00	0.00E+00	0.00E+00	1.15E+01	2.34E-05	5.04E-03	1.40E-02	0.00E+00	-2.15E-03	1.88E-09	6.30E-08	8.53E-02	3.18E+00	1.83E-04	0.00E+00	9.26E+00	3.02E-02	1.83E+01	0.00E+00	1.43E-07	6.59E-08	4.07E-03	9.70E-07	1.65E+00	0.00E+00	1.83E+01	4.24E-06	1.83E+01	1.99E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E+02
UY31J1N	3.36E-02	6.53E+00	1.62E-01	6.37E+00	0.00E+00	0.00E+00	3.56E+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	2.75E+01	7.96E-03	5.49E+01	0.00E+00	4.45E-07	2.13E-07	1.56E-02	9.75E-07	5.00E+00	0.00E+00	5.49E+01	1.23E-05	5.49E+01	5.99E+01	5.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E+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	8.88E-02	0.00E+00	-2.03E-01	1.94E-08	8.27E-07	4.41E-01	2.50E+01	2.10E-04	0.00E+00	7.41E+01	2.68E+00	9.92E+01	0.00E+00	7.61E-07	4.26E-07	2.76E-02	6.59E-05	1.20E+01	0.00E+00	9.92E+01	-4.93E-06	9.92E+01	1.11E+02	1.20E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E+03
UZ005	2.29E-05	5.15E-02	3.12E-02	2.04E-02	0.00E+00	0.00E+00	3.70E-02	3.02E-08	1.35E-05	1.44E-04	0.00E+00	-3.75E-03	2.46E-10	1.59E-10	4.46E-04	5.92E-06	1.83E-04	0.00E+00	2.02E-04	5.11E-02	2.54E-02	0.00E+00	1.06E-10	8.54E-12	2.97E-05	1.33E-06	-1.69E-03	0.00E+00	2.54E-02	-4.41E-07	2.54E-02	2.37E-02	-1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-03
UZ25V2	1.30E-03	3.09E-01	4.81E-03	3.04E-01	0.00E+00	0.00E+00	6.49E-01	2.44E-06	2.64E-04	3.04E-03	0.00E+00	7.65E-20	1.01E-10	1.57E-09	1.14E-02	4.23E-01	0.00E+00	0.00E+00	9.32E-01	3.70E-05	3.46E+00	0.00E+00	2.79E-08	1.37E-08	8.72E-04	2.63E-08	1.81E-01	0.00E+00	3.46E+00	1.60E-06	3.46E+00	3.64E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E+01
VZ00AS	2.65E-03	4.00E-01	2.49E-02	3.75E-01	0.00E+00	0.00E+00	1.53E+00	4.40E-06	1.08E-03	3.89E-03	0.00E+00	-2.05E-03	2.47E-10	1.09E-08	1.62E-02	6.91E-01	0.00E+00	0.00E+00	1.69E+00	2.71E-02	4.68E+00	0.00E+00	3.73E-08	1.87E-08	1.17E-03	6.87E-07	3.06E-01	0.00E+00	4.68E+00	1.71E-06	4.68E+00	4.99E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E+01
VZ413	5.98E-05	2.15E-02	2.44E-04	2.13E-02	0.00E+00	0.00E+00	2.49E-02	3.87E-08	1.66E-05	1.94E-04	0.00E+00	4.76E-21	5.51E-12	6.53E-11	7.58E-04	1.84E-02	0.00E+00	0.00E+00	3.52E-02	2.30E-06	1.50E-01	0.00E+00	1.34E-09	5.40E-10	4.83E-05	1.64E-09	7.96E-03	0.00E+00	1.50E-01	3.92E-08	1.50E-01	1.58E-01	7.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-01
VZ415	1.16E-04	4.22E-02	4.67E-04	4.17E-02	0.00E+00	0.00E+00	4.75E-02	7.21E-08	3.22E-05	3.78E-04	0.00E+00	9.15E-21	1.06E-11	1.25E-10	1.44E-03	3.51E-02	0.00E+00	0.00E+00	6.69E-02	4.42E-06	2.86E-01	0.00E+00	2.55E-09	1.04E-09	9.37E-05	3.15E-09	1.52E-02	0.00E+00	2.86E-01	7.40E-08	2.86E-01	3.01E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
FZ8935RMA	1.16E-03	2.63E-01	2.08E-02	2.42E-01	0.00E+00	0.00E+00	3.68E+00	7.38E-06	2.24E-04	2.46E-03	0.00E+00	-1.05E-03	6.13E-10	7.94E-09	1.95E-02	6.55E-01	0.00E+00	0.00E+00	2.46E+00	1.39E-02	4.01E+00	0.00E+00	2.96E-08	1.30E-08	6.86E-04	3.72E-07	4.17E-01	0.00E+00	4.01E+00	7.97E-07	4.01E+00	4.43E+00	4.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E+01
FWB52S	-1.05E-01	-2.62E+00	2.32E-01	-2.85E+00	0.00E+00	0.00E+00	5.49E+01	-1.17E-02	-5.34E-03	-7.28E-02	0.00E+00	-4.39E-05	-7.00E-08	-1.12E-06	3.79E-01	-3.40E+01	0.00E+00	0.00E+00	-1.44E+00	-1.58E-02	1.83E+01	0.00E+00	4.25E-07	-5.16E-07	-3.75E-02	-1.05E-05	-5.19E-01	0.00E+00	1.83E+01	-3.85E-04	1.83E+01	1.78E+01	-5.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.20E+02
FZ8960RMA	2.02E-03	4.36E-01	2.17E-02	4.14E-01	0.00E+00	0.00E+00	6.47E+00	1.30E-05	3.81E-04	4.18E-03	0.00E+00	2.48E-19	1.08E-09	1.39E-08	3.43E-02	1.15E+00	0.00E+00	0.00E+00	4.33E+00	8.40E-19	7.01E+00	0.00E+00	5.21E-08	2.28E-08	1.17E-03	0.00E+00	7.36E-01	0.00E+00	7.01E+00	1.62E-06	7.01E+00	7.75E+00	7.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+02
FZ8985RMA	-7.18E-03	-1.36E+00	-1.48E-02	-1.35E+00	0.00E+00	0.00E+00	-4.18E+00	-4.29E-04	-1.18E-03	-1.40E-02	0.00E+00	0.00E+00	-1.19E-08	-4.23E-08	-1.93E-02	-2.02E+00	0.00E+00	0.00E+00	-8.43E+00	0.00E+00	-1.36E+01	0.00E+00	-5.97E-08	-1.10E-07	-6.57E-03	0.00E+00	-9.27E-01	0.00E+00	-1.36E+01	-2.32E-05	-1.36E+01	-1.45E+01	-9.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.52E+02
FZ8911RMA	-9.35E-03	-1.77E+00	-1.92E-02	-1.75E+00	0.00E+00	0.00E+00	-5.44E+00	-5.59E-04	-1.53E-03	-1.82E-02	0.00E+00	0.00E+00	-1.55E-08	-5.51E-08	-2.51E-02	-2.63E+00	0.00E+00	0.00E+00	-1.10E+01	0.00E+00	-1.77E+01	0.00E+00	-7.77E-08	-1.44E-07	-8.55E-03	0.00E+00	-1.21E+00	0.00E+00	-1.77E+01	-3.03E-05	-1.77E+01	-1.89E+01	-1.21E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.58E+02
FZ8913RMA	-1.15E-02	-2.18E+00	-2.37E-02	-2.16E+00	0.00E+00	0.00E+00	-6.70E+00	-6.89E-04	-1.88E-03	-2.24E-02	0.00E+00	0.00E+00	-1.91E-08	-6.79E-08	-3.09E-02	-3.24E+00	0.00E+00	0.00E+00	-1.35E+01	0.00E+00	-2.18E+01	0.00E+00	-9.58E-08	-1.77E-07	-1.05E-02	0.00E+00	-1.49E+00	0.00E+00	-2.18E+01	-3.73E-05	-2.18E+01	-2.33E+01	-1.49E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.64E+02
FZ8916RMA	5.51E-03	1.19E+00	5.90E-02	1.13E+00	0.00E+00	0.00E+00	1.76E+01	3.53E-05	1.04E-03	1.14E-02	0.00E+00	6.77E-19	2.93E-09	3.78E-08	9.34E-02	3.13E+00	0.00E+00	0.00E+00	1.18E+01	2.29E-18	1.91E+01	0.00E+00	1.42E-07	6.21E-08	3.19E-03	0.00E+00	2.00E+00	0.00E+00	1.91E+01	4.40E-06	1.91E+01	2.11E+01	2.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E+02
FZ8935ESA	1.30E-03	2.80E-01	1.39E-02	2.66E-01	0.00E+00	0.00E+00	4.15E+00	8.33E-06	2.44E-04	2.68E-03	0.00E+00	1.59E-19	6.91E-10	8.90E-09	2.20E-02	7.39E-01	0.00E+00	0.00E+00	2.78E+00	5.39E-19	4.50E+00	0.00E+00	3.34E-08	1.46E-08	7.52E-04	0.00E+00	4.72E-01	0.00E+00	4.50E+00	1.04E-06	4.50E+00	4.97E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E+01
FZ8960ESA	2.17E-03	4.68E-01	2.32E-02	4.44E-01	0.00E+00	0.00E+00	6.94E+00	1.39E-05	4.08E-04	4.49E-03	0.00E+00	2.67E-19	1.16E-09	1.49E-08	3.68E-02	1.23E+00	0.00E+00	0.00E+00	4.64E+00	9.01E-19	7.52E+00	0.00E+00	5.59E-08	2.45E-08	1.26E-03	0.00E+00	7.89E-01	0.00E+00	7.52E+00	1.73E-06	7.52E+00	8.31E+00	7.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+02
FZ8985ESA	3.04E-03	6.55E-01	3.25E-02	6.22E-01	0.00E+00	0.00E+00	9.72E+00	1.95E-05	5.72E-04	6.28E-03	0.00E+00	3.73E-19	1.62E-09	2.08E-08	5.15E-02	1.73E+00	0.00E+00	0.00E+00	6.50E+00	1.26E-18	1.05E+01	0.00E+00	7.82E-08	3.43E-08	1.76E-03	0.00E+00	1.11E+00	0.00E+00	1.05E+01	2.43E-06	1.05E+01	1.16E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+02
FZ8911ESA	-9.72E-03	-1.84E+00	-2.00E-02	-1.82E+00	0.00E+00	0.00E+00	-5.65E+00	-5.81E-04	-1.59E-03	-1.89E-02	0.00E+00	0.00E+00	-1.61E-08	-5.73E-08	-2.61E-02	-2.74E+00	0.00E+00	0.00E+00	-1.14E+01	0.00E+00	-1.84E+01	0.00E+00	-8.08E-08	-1.49E-07	-8.89E-03	0.00E+00	-1.25E+00	0.00E+00	-1.84E+01	-3.14E-05	-1.84E+01	-1.96E+01	-1.25E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.76E+02
FZ8913ESA	4.78E-03	1.03E+00	5.12E-02	9.80E-01	0.00E+00	0.00E+00	1.53E+01	3.07E-05	9.00E-04	9.89E-03	0.00E+00	5.88E-19	2.55E-09	3.28E-08	8.11E-02	2.72E+00	0.00E+00	0.00E+00	1.02E+01	1.99E-18	1.66E+01	0.00E+00	1.23E-07	5.40E-08	2.77E-03	0.00E+00	1.74E+00	0.00E+00	1.66E+01	3.82E-06	1.66E+01	1.83E+01	1.74E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E+02
FZ8916ESA	5.65E-03	1.22E+00	6.06E-02	1.16E+00	0.00E+00	0.00E+00	1.81E+01	3.63E-05	1.06E-03	1.17E-02	0.00E+00	6.95E-19	3.01E-09	3.88E-08	9.59E-02	3.22E+00	0.00E+00	0.00E+00	1.21E+01	2.35E-18	1.96E+01	0.00E+00	1.46E-07	6.38E-08	3.28E-03	0.00E+00	2.06E+00	0.00E+00	1.96E+01	4.52E-06	1.96E+01	2.17E+01	2.06E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E+02
FZ8935RRA	1.22E-03	2.64E-01	1.31E-02	2.51E-01	0.00E+00	0.00E+00	3.92E+00	7.85E-06	2.30E-04	2.53E-03	0.00E+00	1.50E-19	6.52E-10	8.40E-09	2.08E-02	6.97E-01	0.00E+00	0.00E+00	2.62E+00	5.08E-19	4.24E+00	0.00E+00	3.15E-08	1.38E-08	7.10E-04	0.00E+00	4.45E-01	0.00E+00	4.24E+00	9.78E-07	4.24E+00	4.69E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E+01
FZ8960RRA	2.10E-03	4.52E-01	2.25E-02	4.29E-01	0.00E+00	0.00E+00	6.71E+00	1.34E-05	3.94E-04	4.33E-03	0.00E+00	2.58E-19	1.12E-09	1.44E-08	3.55E-02	1.19E+00	0.00E+00	0.00E+00	4.48E+00	8.70E-19	7.27E+00	0.00E+00	5.40E-08	2.37E-08	1.22E-03	0.00E+00	7.63E-01	0.00E+00	7.27E+00	1.68E-06	7.27E+00	8.03E+00	7.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+02
FZ8985RRA	2.96E-03	6.39E-01	3.18E-02	6.07E-01	0.00E+00	0.00E+00	9.49E+00	1.90E-05	5.58E-04	6.13E-03	0.00E+00	3.64E-19	1.58E-09	2.03E-08	5.03E-02	1.69E+00	0.00E+00	0.00E+00	6.34E+00	1.23E-18	1.03E+01	0.00E+00	7.63E-08	3.34E-08	1.72E-03	0.00E+00	1.08E+00	0.00E+00	1.03E+01	2.37E-06	1.03E+01	1.14E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+02
FZ8911RRA	-9.53E-03	-1.81E+00	-1.96E-02	-1.79E+00	0.00E+00	0.00E+00	-5.54E+00	-5.70E-04	-1.56E-03	-1.86E-02	0.00E+00	0.00E+00	-1.58E-08	-5.62E-08	-2.56E-02	-2.69E+00	0.00E+00	0.00E+00	-1.12E+01	0.00E+00	-1.80E+01	0.00E+00	-7.93E-08	-1.46E-07	-8.72E-03	0.00E+00	-1.23E+00	0.00E+00	-1.80E+01	-3.09E-05	-1.80E+01	-1.93E+01	-1.23E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.67E+02
FZ8913RRA	4.71E-03	1.01E+00	5.04E-02	9.64E-01	0.00E+00	0.00E+00	1.51E+01	3.02E-05	8.86E-04	9.73E-03	0.00E+00	5.78E-19	2.51E-09	3.23E-08	7.98E-02	2.68E+00	0.00E+00	0.00E+00	1.01E+01	1.96E-18	1.63E+01	0.00E+00	1.21E-07	5.31E-08	2.73E-03	0.00E+00	1.71E+00	0.00E+00	1.63E+01	3.76E-06	1.63E+01	1.80E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E+02
FZ8916RRA	5.58E-03	1.20E+00	5.98E-02	1.14E+00	0.00E+00	0.00E+00	1.79E+01	3.58E-05	1.05E-03	1.15E-02	0.00E+00	6.86E-19	2.97E-09	3.83E-08	9.46E-02	3.18E+00	0.00E+00	0.00E+00	1.19E+01	2.32E-18	1.94E+01	0.00E+00	1.44E-07	6.30E-08	3.23E-03	0.00E+00	2.03E+00	0.00E+00	1.94E+01	4.46E-06	1.94E+01	2.14E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+02
FZ8935RLA	1.22E-03	2.64E-01	1.31E-02	2.51E-01	0.00E+00	0.00E+00	3.92E+00	7.85E-06	2.30E-04	2.53E-03	0.00E+00	1.50E-19	6.52E-10	8.40E-09	2.08E-02	6.97E-01	0.00E+00	0.00E+00	2.62E+00	5.08E-19	4.24E+00	0.00E+00	3.15E-08	1.38E-08	7.10E-04	0.00E+00	4.45E-01	0.00E+00	4.24E+00	9.78E-07	4.24E+00	4.69E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E+01
FZ8960RLA	2.10E-03	4.52E-01	2.25E-02	4.29E-01	0.00E+00	0.00E+00	6.71E+00	1.34E-05	3.94E-04	4.33E-03	0.00E+00	2.58E-19	1.12E-09	1.44E-08	3.55E-02	1.19E+00	0.00E+00	0.00E+00	4.48E+00	8.70E-19	7.27E+00	0.00E+00	5.40E-08	2.37E-08	1.22E-03	0.00E+00	7.63E-01	0.00E+00	7.27E+00	1.68E-06	7.27E+00	8.03E+00	7.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+02
FZ8985RLA	-7.37E-03	-1.40E+00	-1.51E-02	-1.38E+00	0.00E+00	0.00E+00	-4.28E+00	-4.40E-04	-1.21E-03	-1.43E-02	0.00E+00	0.00E+00	-1.22E-08	-4.34E-08	-1.98E-02	-2.08E+00	0.00E+00	0.00E+00	-8.64E+00	0.00E+00	-1.39E+01	0.00E+00	-6.12E-08	-1.13E-07	-6.74E-03	0.00E+00	-9.50E-01	0.00E+00	-1.39E+01	-2.38E-05	-1.39E+01	-1.49E+01	-9.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.61E+02
FZ8911RLA	3.84E-03	8.27E-01	4.11E-02	7.86E-01	0.00E+00	0.00E+00	1.23E+01	2.46E-05	7.22E-04	7.93E-03	0.00E+00	4.71E-19	2.04E-09	2.63E-08	6.51E-02	2.18E+00	0.00E+00	0.00E+00	8.21E+00	1.59E-18	1.33E+01	0.00E+00	9.88E-08	4.33E-08	2.22E-03	0.00E+00	1.40E+00	0.00E+00	1.33E+01	3.07E-06	1.33E+01	1.47E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E+02
FZ8913RLA	4.71E-03	1.01E+00	5.04E-02	9.64E-01	0.00E+00	0.00E+00	1.51E+01	3.02E-05	8.86E-04	9.73E-03	0.00E+00	5.78E-19	2.51E-09	3.23E-08	7.98E-02	2.68E+00	0.00E+00	0.00E+00	1.01E+01	1.96E-18	1.63E+01	0.00E+00	1.21E-07	5.31E-08	2.73E-03	0.00E+00	1.71E+00	0.00E+00	1.63E+01	3.76E-06	1.63E+01	1.80E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E+02
FZ8916RLA	-1.39E-02	-2.63E+00	-2.85E-02	-2.60E+00	0.00E+00	0.00E+00	-8.06E+00	-8.29E-04	-2.27E-03	-2.70E-02	0.00E+00	0.00E+00	-2.30E-08	-8.17E-08	-3.72E-02	-3.91E+00	0.00E+00	0.00E+00	-1.63E+01	0.00E+00	-2.62E+01	0.00E+00	-1.15E-07	-2.13E-07	-1.27E-02	0.00E+00	-1.79E+00	0.00E+00	-2.62E+01	-4.49E-05	-2.62E+01	-2.80E+01	-1.79E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.79E+02
FZ912XE	-9.24E-02	-1.63E+01	-3.69E-01	-1.59E+01	0.00E+00	0.00E+00	-5.17E+01	-3.34E-03	-1.42E-02	-1.66E-01	0.00E+00	6.09E-21	-1.82E-07	-4.57E-07	-2.80E-01	-2.94E+01	0.00E+00	0.00E+00	-2.11E+02	2.33E-20	-1.66E+02	0.00E+00	-7.07E-07	-1.29E-06	-6.97E-02	0.00E+00	-2.24E+01	0.00E+00	-1.66E+02	-3.57E-04	-1.66E+02	-1.88E+02	-2.24E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.98E+03
FG22WD	1.33E-01	3.48E+01	2.53E+00	3.23E+01	0.00E+00	0.00E+00	8.10E+02	1.63E-03	3.63E-02	3.63E-01	0.00E+00	3.19E-17	9.78E-08	1.59E-06	-1.22E+01	9.44E+01	0.00E+00	0.00E+00	2.61E+02	1.08E-16	6.42E+02	0.00E+00	6.42E-06	1.49E-06	1.00E-01	0.00E+00	-1.93E+01	0.00E+00	6.42E+02	2.04E-04	6.42E+02	6.23E+02	-1.93E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E+03
FG23WD	-1.67E-01	-2.67E+01	1.33E+00	-2.80E+01	0.00E+00	0.00E+00	3.84E+02	-2.10E-02	-1.92E-02	-3.03E-01	0.00E+00	2.95E-17	-5.62E-07	-8.62E-07	2.98E+00	1.87E+01	0.00E+00	0.00E+00	-2.87E+01	9.40E-17	-6.21E-01	0.00E+00	2.08E-06	-3.44E-06	-2.22E-01	0.00E+00	2.22E+01	0.00E+00	-6.21E-01	-1.05E-03	-6.21E-01	2.16E+01	2.22E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.87E+03
FG24WD	-1.55E-01	-2.36E+01	2.07E+00	-2.56E+01	0.00E+00	0.00E+00	5.89E+02	-2.47E-02	-1.27E-02	-2.78E-01	0.00E+00	-2.84E-03	-6.56E-07	-6.57E-07	3.62E+00	7.02E+00	0.00E+00	0.00E+00	7.50E+01	-1.01E+00	9.13E+01	0.00E+00	3.65E-06	-3.63E-06	-2.42E-01	-6.68E-04	3.75E+01	0.00E+00	9.13E+01	-1.21E-03	9.13E+01	1.29E+02	3.75E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.39E+02
FG24XD	3.94E-01	1.09E+02	5.26E+00	1.04E+02	0.00E+00	0.00E+00	1.52E+03	-7.59E-03	9.07E-02	9.90E-01	0.00E+00	6.64E-17	1.75E-07	2.09E-06	9.02E+00	2.86E+02	0.00E+00	0.00E+00	1.02E+03	2.19E-16	1.73E+03	0.00E+00	1.28E-05	5.45E-06	2.76E-01	0.00E+00	1.77E+02	0.00E+00	1.73E+03	8.70E-05	1.73E+03	1.91E+03	1.77E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E+04
FG25WD	-3.89E-01	-6.63E+01	1.76E+00	-6.81E+01	0.00E+00	0.00E+00	5.82E+02	-3.11E-02	-4.67E-02	-6.69E-01	0.00E+00	-2.84E-03	-8.41E-07	-1.37E-06	-1.36E+01	-8.52E+01	0.00E+00	0.00E+00	-3.01E+02	-1.01E+00	-3.45E+02	0.00E+00	2.70E-06	-6.66E-06	-3.92E-01	-6.68E-04	-8.41E+01	0.00E+00	-3.45E+02	-1.56E-03	-3.45E+02	-4.29E+02	-8.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.48E+04
FG26WD	-6.29E-01	-1.15E+02	5.44E-01	-1.16E+02	0.00E+00	0.00E+00	2.12E+02	-4.81E-02	-9.12E-02	-1.20E+00	0.00E+00	-4.83E-03	-1.35E-06	-3.34E-06	1.39E+00	-1.74E+02	0.00E+00	0.00E+00	-6.22E+02	-1.73E+00	-8.85E+02	0.00E+00	-8.35E-07	-1.06E-05	-6.46E-01	-1.14E-03	-4.90E+01	0.00E+00	-8.85E+02	-2.69E-03	-8.85E+02	-9.34E+02	-4.90E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.95E+04
FG26XD	4.03E-01	1.17E+02	6.57E+00	1.11E+02	0.00E+00	0.00E+00	1.99E+03	-6.63E-03	1.01E-01	1.10E+00	0.00E+00	7.88E-17	2.25E-07	2.90E-06	-5.75E+00	3.00E+02	0.00E+00	0.00E+00	1.05E+03	2.67E-16	1.95E+03	0.00E+00	1.62E-05	5.58E-06	3.06E-01	0.00E+00	1.16E+02	0.00E+00	1.95E+03	1.99E-04	1.95E+03	2.07E+03	1.16E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E+04
FL220Z	7.73E-04	1.44E-01	2.44E-03	1.42E-01	0.00E+00	0.00E+00	4.03E-01	1.75E-06	1.38E-04	1.57E-03	0.00E+00	3.66E-20	5.27E-11	9.41E-10	6.76E-03	2.46E-01	0.00E+00	0.00E+00	5.95E-01	1.40E-19	2.15E+00	0.00E+00	1.70E-08	8.31E-09	4.81E-04	0.00E+00	1.10E-01	0.00E+00	2.15E+00	1.09E-06	2.15E+00	2.26E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E+01
FL53SPX01	-7.35E-02	-1.58E+01	-1.59E-01	-1.57E+01	0.00E+00	0.00E+00	-5.28E+01	-4.55E-03	-1.01E-02	-1.51E-01	0.00E+00	-9.17E-04	-1.26E-07	-4.21E-07	-3.30E-01	-1.00E+02	0.00E+00	0.00E+00	-8.72E+01	-3.27E-01	-1.59E+02	0.00E+00	-5.88E-07	-1.19E-06	-7.03E-02	-2.16E-04	-2.15E+01	0.00E+00	-1.59E+02	-2.44E-04	-1.59E+02	-1.80E+02	-2.15E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.66E+03
FL73S	1.27E-02	2.87E+00	1.41E-01	2.73E+00	0.00E+00	0.00E+00	4.20E+01	8.59E-05	5.30E-03	3.05E-02	0.00E+00	1.88E-18	6.28E-09	1.06E-07	-8.89E-01	-1.43E+01	0.00E+00	0.00E+00	1.05E+01	6.55E-18	3.86E+01	0.00E+00	4.18E-07	9.17E-08	8.32E-03	0.00E+00	-5.38E+00	0.00E+00	3.86E+01	1.50E-05	3.86E+01	3.33E+01	-5.38E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E+02
FL73SP	-2.46E-02	-4.19E+00	-3.14E-02	-4.15E+00	0.00E+00	0.00E+00	-9.35E+00	-1.64E-03	-1.01E-03	-4.27E-02	0.00E+00	5.75E-19	-4.54E-08	-1.32E-07	-1.14E+00	-8.22E+00	0.00E+00	0.00E+00	-4.50E+01	2.17E-18	-4.87E+01	0.00E+00	-6.98E-08	-4.35E-07	-2.24E-02	0.00E+00	-9.95E+00	0.00E+00	-4.87E+01	-8.19E-05	-4.87E+01	-5.86E+01	-9.95E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.79E+03
FL74SPX01	4.36E-02	8.01E+00	3.93E-01	7.62E+00	0.00E+00	0.00E+00	1.10E+02	8.80E-05	1.13E-02	8.11E-02	0.00E+00	5.34E-18	1.47E-08	2.68E-07	7.36E-01	-5.82E-01	0.00E+00	0.00E+00	7.49E+01	1.75E-17	1.36E+02	0.00E+00	1.04E-06	4.20E-07	2.24E-02	0.00E+00	9.71E+00	0.00E+00	1.36E+02	2.75E-05	1.36E+02	1.46E+02	9.71E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+03
FP03SN2	1.27E-01	3.16E+01	1.20E+00	3.04E+01	0.00E+00	0.00E+00	3.37E+02	6.84E-04	2.63E-02	2.94E-01	0.00E+00	-2.65E-04	3.42E-08	7.40E-07	1.93E+00	6.20E+01	0.00E+00	0.00E+00	2.38E+02	-9.45E-02	4.06E+02	0.00E+00	3.14E-06	1.37E-06	7.94E-02	-6.22E-05	4.02E+01	0.00E+00	4.06E+02	9.69E-05	4.06E+02	4.46E+02	4.02E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E+03
FP04SN2	-3.09E-01	-5.57E+01	-9.12E-01	-5.48E+01	0.00E+00	0.00E+00	-1.88E+02	-1.89E-02	-4.81E-02	-5.71E-01	0.00E+00	-1.41E-03	-5.28E-07	-1.86E-06	-1.27E+00	-1.42E+02	0.00E+00	0.00E+00	-3.73E+02	-6.53E-01	-6.53E+02	0.00E+00	-2.43E-06	-4.83E-06	-2.81E-01	-5.38E-04	-4.88E+01	0.00E+00	-6.53E+02	-1.03E-03	-6.53E+02	-7.02E+02	-4.88E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.57E+04
FP05SN2	-3.89E-01	-7.12E+01	-1.08E+00	-7.01E+01	0.00E+00	0.00E+00	-2.22E+02	-2.39E-02	-6.12E-02	-7.28E-01	0.00E+00	-1.93E-03	-6.65E-07	-2.32E-06	-1.55E+00	-1.76E+02	0.00E+00	0.00E+00	-4.60E+02	-8.65E-01	-8.14E+02	0.00E+00	-2.99E-06	-6.08E-06	-3.56E-01	-6.97E-04	-5.98E+01	0.00E+00	-8.14E+02	-1.30E-03	-8.14E+02	-8.74E+02	-5.98E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.94E+04
FP22TN2	1.18E-01	2.44E+01	1.17E+00	2.32E+01	0.00E+00	0.00E+00	3.78E+02	7.69E-04	2.22E-02	2.44E-01	0.00E+00	-5.51E-04	3.96E-08	8.20E-07	1.83E+00	2.05E+01	0.00E+00	0.00E+00	2.60E+02	-2.54E-01	3.89E+02	0.00E+00	3.10E-06	1.33E-06	6.80E-02	-2.10E-04	3.68E+01	0.00E+00	3.89E+02	9.79E-05	3.89E+02	4.26E+02	3.68E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E+03
FP23SN2	-2.65E-01	-4.72E+01	-5.74E-01	-4.66E+01	0.00E+00	0.00E+00	-1.05E+02	-1.74E-02	-4.07E-02	-4.88E-01	0.00E+00	-1.16E-03	-4.74E-07	-1.58E-06	-7.69E-01	-1.16E+02	0.00E+00	0.00E+00	-2.92E+02	-5.34E-01	-5.25E+02	0.00E+00	-1.72E-06	-4.23E-06	-2.48E-01	-4.40E-04	-3.63E+01	0.00E+00	-5.25E+02	-9.29E-04	-5.25E+02	-5.61E+02	-3.63E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.26E+04
FP23TN2	-4.06E-01	-7.63E+01	-9.81E-01	-7.53E+01	0.00E+00	0.00E+00	-2.39E+02	-2.45E-02	-6.54E-02	-7.78E-01	0.00E+00	-8.06E-04	-6.79E-07	-2.41E-06	-1.36E+00	-1.70E+02	0.00E+00	0.00E+00	-4.76E+02	-3.72E-01	-8.06E+02	0.00E+00	-3.30E-06	-6.29E-06	-3.71E-01	-3.07E-04	-6.04E+01	0.00E+00	-8.06E+02	-1.32E-03	-8.06E+02	-8.67E+02	-6.04E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.99E+04
FP24S1N	-1.66E-01	-3.29E+01	-4.13E-01	-3.25E+01	0.00E+00	0.00E+00	-3.58E+01	-1.09E-02	-2.68E-02	-3.23E-01	0.00E+00	-1.41E-03	-2.92E-07	-9.25E-07	-5.88E-01	-9.63E+01	0.00E+00	0.00E+00	-1.61E+02	-6.53E-01	-3.38E+02	0.00E+00	-9.12E-07	-2.62E-06	-1.59E-01	-5.38E-04	-2.36E+01	0.00E+00	-3.38E+02	-5.76E-04	-3.38E+02	-3.62E+02	-2.36E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.11E+03
FP24SN2	-4.13E-01	-7.82E+01	-8.38E-01	-7.73E+01	0.00E+00	0.00E+00	-2.43E+02	-2.51E-02	-6.71E-02	-8.00E-01	0.00E+00	-2.65E-04	-7.01E-07	-2.47E-06	-1.04E+00	-1.23E+02	0.00E+00	0.00E+00	-4.92E+02	-9.45E-02	-7.70E+02	0.00E+00	-3.22E-06	-6.38E-06	-3.79E-01	-6.22E-05	-5.45E+01	0.00E+00	-7.70E+02	-1.36E-03	-7.70E+02	-8.25E+02	-5.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.07E+04
FP24TN2	-4.14E-01	-7.80E+01	-6.23E-01	-7.74E+01	0.00E+00	0.00E+00	-1.76E+02	-2.63E-02	-6.68E-02	-8.00E-01	0.00E+00	-3.90E-04	-7.25E-07	-2.43E-06	-7.20E-01	-1.41E+02	0.00E+00	0.00E+00	-4.66E+02	-1.39E-01	-7.37E+02	0.00E+00	-2.84E-06	-6.48E-06	-3.88E-01	-9.17E-05	-5.23E+01	0.00E+00	-7.37E+02	-1.41E-03	-7.37E+02	-7.90E+02	-5.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.99E+04
FP25TN2	2.03E-01	4.39E+01	1.91E+00	4.20E+01	0.00E+00	0.00E+00	6.32E+02	1.29E-03	3.92E-02	4.33E-01	0.00E+00	-1.71E-03	6.65E-08	1.38E-06	2.92E+00	3.47E+01	0.00E+00	0.00E+00	4.38E+02	-7.48E-01	6.32E+02	0.00E+00	5.30E-06	2.26E-06	1.19E-01	-5.93E-04	6.19E+01	0.00E+00	6.32E+02	1.64E-04	6.32E+02	6.94E+02	6.19E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+04
FP42QT	-2.47E-02	-4.48E+00	-1.84E-02	-4.46E+00	0.00E+00	0.00E+00	2.51E+01	-2.34E-03	-3.24E-03	-4.09E-02	0.00E+00	-5.51E-04	-6.32E-08	-1.32E-07	-1.91E-02	-5.72E+01	0.00E+00	0.00E+00	-1.27E+01	-2.55E-01	-4.73E+01	0.00E+00	1.07E-07	-4.69E-07	-2.75E-02	-2.10E-04	-7.45E+00	0.00E+00	-4.73E+01	-1.19E-04	-4.73E+01	-5.47E+01	-7.45E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.83E+02
FP62QS	-2.15E-02	-3.29E+00	1.85E-01	-3.48E+00	0.00E+00	0.00E+00	5.16E+01	-3.00E-03	-2.61E-03	-3.60E-02	0.00E+00	3.59E-18	-7.42E-08	-1.35E-07	3.91E-01	-3.24E-01	0.00E+00	0.00E+00	-3.71E+00	1.24E-17	8.53E+00	0.00E+00	3.89E-07	-4.62E-07	-2.95E-02	0.00E+00	3.03E+00	0.00E+00	8.53E+00	-1.44E-04	8.53E+00	1.16E+01	3.03E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.80E+02
FP63QS	-1.47E-01	-2.80E+01	-2.85E-01	-2.77E+01	0.00E+00	0.00E+00	-8.69E+01	-9.15E-03	-2.37E-02	-2.83E-01	0.00E+00	-1.24E-04	-2.54E-07	-8.95E-07	-3.28E-01	-6.64E+01	0.00E+00	0.00E+00	-1.74E+02	-4.41E-02	-2.68E+02	0.00E+00	-1.07E-06	-2.29E-06	-1.36E-01	-2.91E-05	-2.23E+01	0.00E+00	-2.68E+02	-4.88E-04	-2.68E+02	-2.91E+02	-2.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.35E+03
FP64QS	9.32E-02	2.22E+01	8.93E-01	2.14E+01	0.00E+00	0.00E+00	2.52E+02	5.05E-04	1.90E-02	2.12E-01	0.00E+00	1.08E-17	3.16E-08	5.46E-07	1.51E+00	2.65E+01	0.00E+00	0.00E+00	1.75E+02	3.70E-17	3.08E+02	0.00E+00	2.35E-06	1.01E-06	5.76E-02	0.00E+00	2.70E+01	0.00E+00	3.08E+02	7.23E-05	3.08E+02	3.35E+02	2.70E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E+03
FP72QS	4.90E-02	9.19E+00	3.64E-01	8.83E+00	0.00E+00	0.00E+00	1.62E+02	3.36E-04	9.12E-03	1.00E-01	0.00E+00	-1.04E-03	2.19E-08	3.56E-07	5.41E-01	-1.01E+01	0.00E+00	0.00E+00	1.13E+02	-4.70E-01	1.33E+02	0.00E+00	1.37E-06	5.57E-07	2.75E-02	-3.82E-04	1.31E+01	0.00E+00	1.33E+02	4.38E-05	1.33E+02	1.46E+02	1.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E+03

FP72SN2	-2.23E-02	-3.34E+00	2.29E-01	-3.56E+00	0.00E+00	0.00E+00	6.36E+01	-3.37E-03	-2.59E-03	-3.67E-02	0.00E+00	-8.31E-05	-8.27E-08	-1.39E-07	4.42E-01	7.22E-02	0.00E+00	0.00E+00	1.61E-01	-2.97E-02	1.50E+01	0.00E+00	4.94E-07	-4.99E-07	-3.22E-02	-1.95E-05	4.01E+00	0.00E+00	1.50E+01	-1.61E-04	1.50E+01	1.91E+01	4.01E+00	0.00E+00	0.00E+00	0.00E+00	-5.04E+02
FP73SN2	7.95E-02	1.70E+01	8.00E-01	1.62E+01	0.00E+00	0.00E+00	2.31E+02	4.69E-04	1.51E-02	1.67E-01	0.00E+00	-1.24E-04	3.21E-08	5.00E-07	1.33E+00	3.93E+01	0.00E+00	0.00E+00	1.60E+02	-4.41E-02	2.73E+02	0.00E+00	2.08E-06	8.93E-07	4.68E-02	-2.91E-05	2.67E+01	0.00E+00	2.73E+02	6.67E-05	2.73E+02	3.00E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	5.58E+03
FP74QS	-2.01E-01	-3.48E+01	-3.76E-01	-3.44E+01	0.00E+00	0.00E+00	-1.20E+02	-1.31E-02	-3.08E-02	-3.67E-01	0.00E+00	1.46E-18	-3.63E-07	-1.27E-06	-3.65E-01	-5.62E+01	0.00E+00	0.00E+00	-2.47E+02	5.59E-18	-3.70E+02	0.00E+00	-1.42E-06	-3.21E-06	-1.86E-01	0.00E+00	-2.59E+01	0.00E+00	-3.70E+02	-6.99E-04	-3.70E+02	-3.96E+02	-2.59E+01	0.00E+00	0.00E+00	0.00E+00	-1.05E+04
FP74QT	-2.54E-02	-5.00E+00	2.26E-01	-5.23E+00	0.00E+00	0.00E+00	1.30E+02	-4.37E-03	-2.98E-03	-4.45E-02	0.00E+00	-1.19E-03	-1.01E-07	-8.13E-08	3.44E-01	-3.43E+01	0.00E+00	0.00E+00	3.05E+01	-5.35E-01	-5.56E+00	0.00E+00	8.47E-07	-6.06E-07	-4.23E-02	-4.33E-04	3.83E+00	0.00E+00	-5.56E+00	-2.08E-04	-5.56E+00	-1.72E+00	3.83E+00	0.00E+00	0.00E+00	0.00E+00	4.41E+02
FP82QS	5.85E-02	1.33E+01	4.40E-01	1.29E+01	0.00E+00	0.00E+00	1.81E+02	2.31E-04	1.21E-02	1.35E-01	0.00E+00	-9.76E-04	1.30E-08	3.87E-07	6.55E-01	-2.66E+01	0.00E+00	0.00E+00	1.24E+02	-4.51E-01	1.55E+02	0.00E+00	1.57E-06	6.14E-07	3.47E-02	-3.71E-04	1.24E+01	0.00E+00	1.55E+02	4.03E-05	1.55E+02	1.68E+02	1.24E+01	0.00E+00	0.00E+00	0.00E+00	4.33E+03
FP82SN2	-1.49E-01	-2.75E+01	-4.96E-01	-2.70E+01	0.00E+00	0.00E+00	-9.17E+01	-9.03E-03	-2.33E-02	-2.76E-01	0.00E+00	-9.76E-04	-2.50E-07	-8.92E-07	-7.23E-01	-1.02E+02	0.00E+00	0.00E+00	-1.76E+02	-4.51E-01	-3.30E+02	0.00E+00	-1.18E-06	-2.33E-06	-1.35E-01	-3.71E-04	-2.82E+01	0.00E+00	-3.30E+02	-4.88E-04	-3.30E+02	-3.58E+02	-2.82E+01	0.00E+00	0.00E+00	0.00E+00	-7.39E+03
FP83QT	7.53E-02	1.46E+01	6.80E-01	1.39E+01	0.00E+00	0.00E+00	2.47E+02	5.04E-04	1.41E-02	1.54E-01	0.00E+00	-8.06E-04	2.25E-08	5.38E-07	1.06E+00	-3.20E+01	0.00E+00	0.00E+00	1.70E+02	-3.72E-01	2.32E+02	0.00E+00	2.03E-06	8.34E-07	4.28E-02	-3.07E-04	1.74E+01	0.00E+00	2.32E+02	6.37E-05	2.32E+02	2.49E+02	1.74E+01	0.00E+00	0.00E+00	0.00E+00	5.96E+03
FP83SN2	-1.85E-01	-3.51E+01	-3.44E-01	-3.47E+01	0.00E+00	0.00E+00	-1.03E+02	-1.16E-02	-2.99E-02	-3.57E-01	0.00E+00	9.13E-19	-3.21E-07	-1.12E-06	-3.51E-01	-7.54E+01	0.00E+00	0.00E+00	-2.17E+02	3.38E-18	-3.35E+02	0.00E+00	-1.35E-06	-2.89E-06	-1.72E-01	0.00E+00	-2.66E+01	0.00E+00	-3.35E+02	-6.19E-04	-3.35E+02	-3.61E+02	-2.66E+01	0.00E+00	0.00E+00	0.00E+00	-9.20E+03
FP83TN2	7.60E-02	1.47E+01	6.91E-01	1.40E+01	0.00E+00	0.00E+00	2.50E+02	5.12E-04	1.42E-02	1.56E-01	0.00E+00	-9.30E-04	2.59E-08	5.46E-07	1.03E+00	-3.32E+01	0.00E+00	0.00E+00	1.72E+02	-4.17E-01	2.33E+02	0.00E+00	2.06E-06	8.44E-07	4.31E-02	-3.36E-04	1.75E+01	0.00E+00	2.33E+02	6.45E-05	2.33E+02	2.50E+02	1.75E+01	0.00E+00	0.00E+00	0.00E+00	6.06E+03
FP84QT	1.11E-01	2.52E+01	1.12E+00	2.41E+01	0.00E+00	0.00E+00	3.20E+02	6.47E-04	2.19E-02	2.43E-01	0.00E+00	-1.24E-04	2.97E-08	6.97E-07	1.82E+00	1.40E+01	0.00E+00	0.00E+00	2.21E+02	-4.41E-02	3.73E+02	0.00E+00	2.83E-06	1.21E-06	6.70E-02	-2.91E-05	3.11E+01	0.00E+00	3.73E+02	8.77E-05	3.73E+02	4.04E+02	3.11E+01	0.00E+00	0.00E+00	0.00E+00	7.73E+03
FP84SN2	-2.25E-01	-3.93E+01	-4.12E-01	-3.89E+01	0.00E+00	0.00E+00	-1.30E+02	-1.46E-02	-3.46E-02	-4.12E-01	0.00E+00	-1.24E-04	-4.04E-07	-1.41E-06	-4.55E-01	-8.74E+01	0.00E+00	0.00E+00	-2.74E+02	-4.41E-02	-4.17E+02	0.00E+00	-1.60E-06	-3.60E-06	-2.08E-01	-2.91E-05	-3.23E+01	0.00E+00	-4.17E+02	-7.81E-04	-4.17E+02	-4.49E+02	-3.23E+01	0.00E+00	0.00E+00	0.00E+00	-1.16E+04
FP92QS	-1.72E-01	-3.43E+01	-5.58E-01	-3.38E+01	0.00E+00	0.00E+00	-1.03E+02	-9.93E-03	-2.83E-02	-3.36E-01	0.00E+00	-1.08E-03	-2.76E-07	-9.87E-07	-8.30E-01	-1.11E+02	0.00E+00	0.00E+00	-1.95E+02	-4.91E-01	-3.71E+02	0.00E+00	-1.40E-06	-2.62E-06	-1.56E-01	-3.99E-04	-3.13E+01	0.00E+00	-3.71E+02	-5.37E-04	-3.71E+02	-4.02E+02	-3.13E+01	0.00E+00	0.00E+00	0.00E+00	-8.19E+03
FP92SN2	-1.57E-01	-2.84E+01	-4.97E-01	-2.79E+01	0.00E+00	0.00E+00	-9.16E+01	-9.76E-03	-2.43E-02	-2.89E-01	0.00E+00	-9.98E-04	-2.70E-07	-9.48E-07	-7.31E-01	-8.15E+01	0.00E+00	0.00E+00	-1.85E+02	-4.61E-01	-3.42E+02	0.00E+00	-1.18E-06	-2.47E-06	-1.44E-01	-3.80E-04	-2.56E+01	0.00E+00	-3.42E+02	-5.24E-04	-3.42E+02	-3.68E+02	-2.56E+01	0.00E+00	0.00E+00	0.00E+00	-7.80E+03
FP93QS	9.72E-02	2.09E+01	9.88E-01	1.99E+01	0.00E+00	0.00E+00	2.84E+02	5.82E-04	1.85E-02	2.04E-01	0.00E+00	-1.24E-04	2.63E-08	6.19E-07	1.63E+00	4.94E+01	0.00E+00	0.00E+00	1.97E+02	-4.41E-02	3.35E+02	0.00E+00	2.54E-06	1.09E-06	5.71E-02	-2.91E-05	3.31E+01	0.00E+00	3.35E+02	8.10E-05	3.35E+02	3.68E+02	3.31E+01	0.00E+00	0.00E+00	0.00E+00	6.91E+03
FP93SN2	8.44E-02	1.64E+01	6.94E-01	1.57E+01	0.00E+00	0.00E+00	2.76E+02	5.72E-04	1.57E-02	1.73E-01	0.00E+00	-1.38E-03	2.56E-08	6.06E-07	1.05E+00	-2.35E+00	0.00E+00	0.00E+00	1.92E+02	-6.23E-01	2.44E+02	0.00E+00	2.32E-06	9.57E-07	4.77E-02	-5.06E-04	2.44E+01	0.00E+00	2.44E+02	7.32E-05	2.44E+02	2.68E+02	2.44E+01	0.00E+00	0.00E+00	0.00E+00	6.75E+03
FP94QS	-2.82E-01	-5.58E+01	-8.86E-01	-5.49E+01	0.00E+00	0.00E+00	-1.69E+02	-1.65E-02	-4.65E-02	-5.52E-01	0.00E+00	-1.51E-03	-4.59E-07	-1.64E-06	-1.30E+00	-1.40E+02	0.00E+00	0.00E+00	-3.24E+02	-6.97E-01	-6.00E+02	0.00E+00	-2.29E-06	-4.31E-06	-2.57E-01	-5.74E-04	-4.51E+01	0.00E+00	-6.00E+02	-8.92E-04	-6.00E+02	-6.45E+02	-4.51E+01	0.00E+00	0.00E+00	0.00E+00	-1.36E+04
FP94SN2	-2.63E-01	-4.99E+01	-5.02E-01	-4.94E+01	0.00E+00	0.00E+00	-1.49E+02	-1.63E-02	-4.26E-02	-5.08E-01	0.00E+00	-1.24E-04	-4.52E-07	-1.59E-06	-5.82E-01	-9.97E+01	0.00E+00	0.00E+00	-3.09E+02	-4.41E-02	-4.82E+02	0.00E+00	-1.96E-06	-4.09E-06	-2.43E-01	-2.91E-05	-3.70E+01	0.00E+00	-4.82E+02	-8.73E-04	-4.82E+02	-5.19E+02	-3.70E+01	0.00E+00	0.00E+00	0.00E+00	-1.30E+04
FP95SN2	-3.08E-01	-5.35E+01	-5.87E-01	-5.29E+01	0.00E+00	0.00E+00	-1.84E+02	-1.99E-02	-4.74E-02	-5.65E-01	0.00E+00	1.91E-18	-5.50E-07	-1.94E-06	-6.13E-01	-8.71E+01	0.00E+00	0.00E+00	-3.77E+02	7.32E-18	-5.72E+02	0.00E+00	-2.25E-06	-4.90E-06	-2.84E-01	0.00E+00	-4.00E+01	0.00E+00	-5.72E+02	-1.06E-03	-5.72E+02	-6.12E+02	-4.00E+01	0.00E+00	0.00E+00	0.00E+00	-1.59E+04
FR22E1	-5.63E-01	-9.43E+01	-1.10E+00	-9.32E+01	0.00E+00	0.00E+00	-3.31E+02	-3.59E-02	-8.37E-02	-9.97E-01	0.00E+00	-2.36E-03	-8.39E-07	-3.69E-06	-1.81E+00	-1.83E+02	0.00E+00	0.00E+00	-6.12E+02	-8.44E-01	-9.89E+02	0.00E+00	-4.06E-06	-7.75E-06	-4.62E-01	-5.56E-04	-7.35E+01	0.00E+00	-9.89E+02	-1.81E-03	-9.89E+02	-1.06E+03	-7.35E+01	0.00E+00	0.00E+00	0.00E+00	-2.57E+04
FR22E2	-4.73E-01	-8.85E+01	-8.74E-01	-8.77E+01	0.00E+00	0.00E+00	-2.55E+02	-2.97E-02	-7.26E-02	-9.16E-01	0.00E+00	1.93E-18	-8.20E-07	-2.82E-06	-1.06E+00	-1.32E+02	0.00E+00	0.00E+00	-5.58E+02	6.92E-18	-8.84E+02	0.00E+00	-3.67E-06	-7.44E-06	-4.41E-01	0.00E+00	-5.94E+01	0.00E+00	-8.84E+02	-1.60E-03	-8.84E+02	-9.44E+02	-5.94E+01	0.00E+00	0.00E+00	0.00E+00	-2.35E+04
FR22G1	2.54E-01	5.62E+01	2.56E+00	5.37E+01	0.00E+00	0.00E+00	7.39E+02	1.50E-03	5.24E-02	5.33E-01	0.00E+00	3.00E-17	7.44E-08	1.65E-06	4.08E+00	1.37E+02	0.00E+00	0.00E+00	5.13E+02	1.01E-16	8.39E+02	0.00E+00	6.28E-06	2.77E-06	1.48E-01	0.00E+00	8.70E+01	0.00E+00	8.39E+02	1.98E-04	8.39E+02	9.26E+02	8.70E+01	0.00E+00	0.00E+00	0.00E+00	1.81E+04
FR22H2	2.62E-01	5.84E+01	2.68E+00	5.57E+01	0.00E+00	0.00E+00	7.76E+02	1.57E-03	5.06E-02	5.59E-01	0.00E+00	3.14E-17	7.29E-08	1.68E-06	4.37E+00	1.40E+02	0.00E+00	0.00E+00	5.31E+02	1.07E-16	8.93E+02	0.00E+00	6.71E-06	2.92E-06	1.55E-01	0.00E+00	9.04E+01	0.00E+00	8.93E+02	2.08E-04	8.93E+02	9.83E+02	9.04E+01	0.00E+00	0.00E+00	0.00E+00	1.86E+04
FR22S1	-7.13E-01	-9.87E+01	-1.16E+00	-9.75E+01	0.00E+00	0.00E+00	-3.34E+02	-2.94E-02	-8.40E-02	-9.96E-01	0.00E+00	-3.23E-03	-8.31E-07	-2.92E-06	-1.90E+01	-1.99E+02	0.00E+00	0.00E+00	-6.02E+02	-1.15E+00	-1.05E+03	0.00E+00	-4.16E-06	-7.73E-06	-4.62E-01	-7.59E-04	-7.64E+01	0.00E+00	-1.05E+03	-1.62E-03	-1.05E+03	-1.13E+03	-7.64E+01	0.00E+00	0.00E+00	0.00E+00	-2.52E+04
FR22S2	-5.19E-01	-9.83E+01	-1.10E+00	-9.72E+01	0.00E+00	0.00E+00	-3.37E+02	-3.11E-02	-8.45E-02	-1.00E+00	0.00E+00	-3.23E-03	-8.62E-07	-3.07E-06	-1.97E+00	-1.94E+02	0.00E+00	0.00E+00	-6.06E+02	-1.15E+00	-1.04E+03	0.00E+00	-4.15E-06	-7.98E-06	-4.74E-01	-7.59E-04	-7.47E+01	0.00E+00	-1.04E+03	-1.68E-03	-1.04E+03	-1.11E+03	-7.47E+01	0.00E+00	0.00E+00	0.00E+00	-2.54E+04
FR23E1	-9.89E-01	-1.22E+02	-1.38E+00	-1.20E+02	0.00E+00	0.00E+00	-4.05E+02	-4.36E-02	-1.07E-01	-1.27E+00	0.00E+00	-2.10E-03	-1.05E-06	-4.44E-06	-2.14E+00	-2.27E+02	0.00E+00	0.00E+00	-7.66E+02	-7.49E-01	-1.24E+03	0.00E+00	-5.24E-06	-9.78E-06	-5.86E-01	-4.93E-04	-9.14E+01	0.00E+00	-1.24E+03	-2.23E-03	-1.24E+03	-1.33E+03	-9.14E+01	0.00E+00	0.00E+00	0.00E+00	-3.20E+04
FR23E2	-7.26E-01	-1.25E+02	-1.43E+00	-1.23E+02	0.00E+00	0.00E+00	-4.27E+02	-4.57E-02	-1.10E-01	-1.31E+00	0.00E+00	-2.45E-03	-1.11E-06	-4.66E-06	-2.26E+00	-2.48E+02	0.00E+00	0.00E+00	-8.05E+02	-8.75E-01	-1.30E+03	0.00E+00	-5.42E-06	-1.03E-05	-6.11E-01	-5.76E-04	-9.73E+01	0.00E+00	-1.30E+03	-2.34E-03	-1.30E+03	-1.40E+03	-9.73E+01	0.00E+00	0.00E+00	0.00E+00	-3.37E+04
FR23G1	-1.11E+00	-1.38E+02	-1.56E+00	-1.36E+02	0.00E+00	0.00E+00	-4.55E+02	-4.88E-02	-1.21E-01	-1.44E+00	0.00E+00	-2.10E-03	-1.20E-06	-4.94E-06	-2.37E+00	-2.57E+02	0.00E+00	0.00E+00	-8.68E+02	-7.49E-01	-1.40E+03	0.00E+00	-5.96E-06	-1.11E-05	-6.65E-01	-4.93E-04	-1.03E+02	0.00E+00	-1.40E+03	-2.51E-03	-1.40E+03	-1.51E+03	-1.03E+02	0.00E+00	0.00E+00	0.00E+00	-3.63E+04
FR23G2	-7.02E-01	-1.34E+02	-1.35E+00	-1.32E+02	0.00E+00	0.00E+00	-3.85E+02	-4.32E-02	-1.11E-01	-1.37E+00	0.00E+00	1.74E-18	-1.20E-06	-4.15E-06	-1.68E+00	-2.12E+02	0.00E+00	0.00E+00	-8.22E+02	6.14E-18	-1.32E+03	0.00E+00	-5.60E-06	-1.09E-05	-6.52E-01	0.00E+00	-9.11E+01	0.00E+00	-1.32E+03	-2.33E-03	-1.32E+03	-1.41E+03	-9.11E+01	0.00E+00	0.00E+00	0.00E+00	-3.45E+04
FR23H1	-7.00E-01	-1.32E+02	-1.45E+00	-1.31E+02	0.00E+00	0.00E+00	-4.52E+02	-4.23E-02	-1.14E-01	-1.35E+00	0.00E+00	-4.43E-03	-1.17E-06	-4.16E-06	-2.63E+00	-2.63E+02	0.00E+00	0.00E+00	-8.10E+02	-1.58E+00	-1.40E+03	0.00E+00	-5.53E-06	-1.08E-05	-6.42E-01	-1.04E-03	-1.00E+02	0.00E+00	-1.40E+03	-2.28E-03	-1.40E+03	-1.50E+03	-1.00E+02	0.00E+00	0.00E+00	0.00E+00	-3.40E+04
FR23H2	2.76E-01	6.05E+01	3.08E+00	5.74E+01	0.00E+00	0.00E+00	9.05E+02	4.21E-04	5.32E-02	5.83E-01	0.00E+00	-8.69E-15	4.44E-08	1.87E-06	-2.04E+01	1.47E+02	0.00E+00	0.00E+00	6.05E+02	-1.73E-14	9.43E+02	0.00E+00	7.60E-06	2.99E-06	1.52E-01	0.00E+00	1.02E+02	0.00E+00	9.43E+02	1.67E-04	9.43E+02	1.04E+03	1.02E+02	0.00E+00	0.00E+00	0.00E+00	2.11E+04
FR23S1	2.54E-01	5.46E+01	2.67E+00	5.20E+01	0.00E+00	0.00E+00	7.55E+02	1.60E-03	4.83E-02	5.34E-01	0.00E+00	-3.58E-03	7.85E-08	1.71E-06	3.64E+00	7.07E+01	0.00E+00	0.00E+00	5.51E+02	-1.28E+00	8.13E+02	0.00E+00	6.68E-06	2.85E-06	1.48E-01	-8.42E-04	8.08E+01	0.00E+00	8.13E+02	2.09E-04	8.13E+02	8.93E+02	8.08E+01	0.00E+00	0.00E+00	0.00E+00	1.94E+04
FR23S2	-6.15E-01	-1.14E+02	-1.18E+00	-1.13E+02	0.00E+00	0.00E+00	-3.38E+02	-3.78E-02	-9.85E-02	-1.17E+00	0.00E+00	2.63E-18	-1.06E-06	-3.68E-06	-1.32E+00	-1.92E+02	0.00E+00	0.00E+00	-7.41E+02	9.60E-18	-1.13E+03	0.00E+00	-4.64E-06	-9.56E-06	-5.65E-01	0.00E+00	-8.20E+01	0.00E+00	-1.13E+03	-2.06E-03	-1.13E+03	-1.21E+03	-8.20E+01	0.00E+00	0.00E+00	0.00E+00	-3.13E+04
FR24E1	1.90E-01	6.42E+01	3.29E+00	6.09E+01	0.00E+00	0.00E+00	9.32E+02	-9.91E-03	5.23E-02	5.67E-01	0.00E+00	-2.54E-03	8.19E-08	7.42E-07	4.77E+00	1.15E+02	0.00E+00	0.00E+00	6.57E+02	-9.07E-01	1.02E+03	0.00E+00	8.04E-06	3.28E-06	1.58E-01	-5.97E-04	1.04E+02	0.00E+00	1.02E+03	-8.78E-05	1.02E+03	1.13E+03	1.04E+02	0.00E+00	0.00E+00	0.00E+00	2.31E+04
FR24E2	3.38E-01	6.92E+01	3.53E+00	6.56E+01	0.00E+00	0.00E+00	1.02E+03	2.13E-03	6.87E-02	6.73E-01	0.00E+00	-2.54E-03	1.02E-07	2.34E-06	5.10E+00	1.41E+02	0.00E+00	0.00E+00	7.21E+02	-9.07E-01	1.10E+03	0.00E+00	8.57E-06	3.72E-06	1.89E-01	-5.97E-04	1.14E+02	0.00E+00	1.10E+03	2.70E-04	1.10E+03	1.21E+03	1.14E+02	0.00E+00	0.00E+00	0.00E+00	2.55E+04
FR24G1	3.32E-01	7.53E+01	3.60E+00	7.17E+01	0.00E+00	0.00E+00	1.05E+03	2.16E-04	7.18E-02	7.07E-01	0.00E+00	4.31E-17	2.76E-08	2.19E-06	5.81E+00	1.88E+02	0.00E+00	0.00E+00	6.69E+02	1.47E-16	1.14E+03	0.00E+00	8.81E-06	3.43E-06	1.83E-01	0.00E+00	1.19E+02	0.00E+00	1.14E+03	1.43E-04	1.14E+03	1.26E+03	1.19E+02	0.00E+00	0.00E+00	0.00E+00	2.31E+04
FR24G2	-8.47E-01	-1.58E+02	-1.63E+00	-1.57E+02	0.00E+00	0.00E+00	-4.84E+02	-5.27E-02	-1.30E-01	-1.64E+00	0.00E+00	-2.10E-03	-1.46E-06	-5.02E-06	-2.46E+00	-2.68E+02	0.00E+00	0.00E+00	-9.97E+02	-7.49E-01	-1.64E+03	0.00E+00	-6.72E-06	-1.33E-05	-7.88E-01	-4.93E-04	-1.12E+02	0.00E+00	-1.64E+03	-2.84E-03	-1.64E+03	-1.75E+03	-1.12E+02	0.00E+00	0.00E+00	0.00E+00	-4.19E+04
FR24H1	-1.25E+00	-1.72E+02	-1.99E+00	-1.70E+02	0.00E+00	0.00E+00	-5.71E+02	-5.20E-02	-1.47E-01	-1.75E+00	0.00E+00	-4.08E-03	-1.46E-06	-5.14E-06	-3.65E+01	-3.33E+02	0.00E+00	0.00E+00	-1.05E+03	-1.46E+00	-1.83E+03	0.00E+00	-7.33E-06	-1.36E-05	-8.13E-01	-9.60E-04	-1.30E+02	0.00E+00	-1.83E+03	-2.84E-03	-1.83E+03	-1.96E+03	-1.30E+02	0.00E+00	0.00E+00	0.00E+00	-4.37E+04
FR24H2	3.35E-01	7.29E+01	3.81E+00	6.91E+01	0.00E+00	0.00E+00	1.11E+03	2.02E-04	6.44E-02	7.03E-01	0.00E+00	4.51E-17	4.43E-08	2.24E-06	6.21E+00	1.76E+02	0.00E+00	0.00E+00	7.31E+02	1.53E-16	1.22E+03	0.00E+00	9.31E-06	3.62E-06	1.84E-01	0.00E+00	1.24E+02	0.00E+00	1.22E+03	1.86E-04	1.22E+03	1.34E+03	1.24E+02	0.00E+00	0.00E+00	0.00E+00	2.54E+04
FR24S1	2.58E-01	5.41E+01	3.03E+00	5.10E+01	0.00E+00	0.00E+00	8.76E+02	7.60E-06	4.86E-02	5.31E-01	0.00E+00	-3.67E-03	3.78E-08	1.85E-06	-2.91E+01	9.17E+01	0.00E+00	0.00E+00	6.16E+02	-1.31E+00	8.26E+02	0.00E+00	7.46E-06	2.79E-06	1.35E-01	-8.62E-04	9.35E+01	0.00E+00	8.26E+02	1.45E-04	8.26E+02	9.19E+02	9.35E+01	0.00E+00	0.00E+00	0.00E+00	2.15E+04
FR24S2	3.33E-01	7.40E+01	3.48E+00	7.05E+01	0.00E+00	0.00E+00	1.03E+03	2.02E-03	6.44E-02	7.11E-01	0.00E+00	-1.14E-14	8.03E-08	2.23E-06	-2.76E+01	1.62E+02	0.00E+00	0.00E+00	6.84E+02	-2.27E-14	1.09E+03	0.00E+00	8.73E-06	3.69E-06	1.95E-01	0.00E+00	1.14E+02	0.00E+00	1.09E+03	2.39E-04	1.09E+03	1.20E+03	1.14E+02	0.00E+00	0.00E+00	0.00E+00	2.39E+04
FR25E1	-1.48E+00	-1.76E+02	-1.98E+00	-1.75E+02	0.00E+00	0.00E+00	-5.85E+02	-6.62E-02	-1.56E-01	-1.86E+00	0.00E+00	-2.10E-03	-1.54E-06	-6.75E-06	-2.92E+00	-3.18E+02	0.00E+00	0.00E+00	-1.11E+03	-7.49E-01	-1.79E+03	0.00E+00	-7.65E-06	-1.43E-05	-8.57E-01	-4.93E-04	-1.30E+02	0.00E+00	-1.79E+03	-3.31E-03	-1.79E+03	-1.92E+03	-1.30E+02	0.00E+00	0.00E+00	0.00E+00	-4.66E+04
FR25E2	-9.25E-01	-1.74E+02	-1.84E+00	-1.72E+02	0.00E+00	0.00E+00	-5.39E+02	-5.72E-02	-1.43E-01	-1.80E+00	0.00E+00	2.10E-18	-1.58E-06	-5.52E-06	-2.35E+00	-2.94E+02	0.00E+00	0.00E+00	-1.10E+03	7.06E-18	-1.76E+03	0.00E+00	-7.53E-06	-1.45E-05	-8.58E-01	0.00E+00	-1.24E+02	0.00E+00	-1.76E+03	-3.08E-03	-1.76E+03	-1.88E+03	-1.24E+02	0.00E+00	0.00E+00	0.00E+00	-4.59E+04
FR25G1	2.47E-01	7.87E+01	4.16E+00	7.45E+01	0.00E+00	0.00E+00	1.20E+03	-1.15E-02	6.46E-02	6.95E-01	0.00E+00	4.94E-17	4.28E-08	1.10E-06	6.66E+00	1.79E+02	0.00E+00	0.00E+00	7.91E+02	1.67E-16	1.31E+03	0.00E+00	9.99E-06	3.75E-06	1.82E-01	0.00E+00	1.34E+02	0.00E+00	1.31E+03	-1.33E-04	1.31E+03	1.45E+03	1.34E+02	0.00E+00	0.00E+00	0.00E+00	2.75E+04
FR25G2	3.98E-01	8.89E+01	4.38E+00	8.45E+01	0.00E+00	0.00E+00	1.27E+03	3.03E-04	8.41E-02	8.41E-01	0.00E+00	-2.10E-03	5.37E-08	2.69E-06	6.59E+00	1.94E+02	0.00E+00	0.00E+00	8.47E+02	-7.49E-01	1.34E+03	0.00E+00	1.06E-05	4.16E-06	2.18E-01	-4.93E-04	1.41E+02	0.00E+00	1.34E+03	2.07E-04	1.34E+03	1.48E+03	1.41E+02	0.00E+00	0.00E+00	0.00E+00	2.96E+04
FR25H2	4.67E-01	1.07E+02	4.75E+00	1.02E+02	0.00E+00	0.00E+00	1.37E+03	2.77E-03	9.15E-02	1.01E+00	0.00E+00	5.58E-17	1.29E-07	2.98E-06	7.71E+00	2.55E+02	0.00E+00	0.00E+00	9.37E+02	1.90E-16	1.57E+03	0.00E+00	1.19E-05	5.17E-06	2.80E-01	0.00E+00	1.61E+02	0.00E+00	1.57E+03	3.64E-04	1.57E+03	1.73E+03	1.61E+02	0.00E+00	0.00E+00	0.00E+00	3.29E+04
FR25S1	3.25E-01	7.13E+01	3.72E+00	6.76E+01	0.00E+00	0.00E+00	1.09E+03	1.25E-04	6.31E-02	6.89E-01	0.00E+00	4.47E-17	2.57E-08	2.19E-06	6.13E+00	1.50E+02	0.00E+00	0.00E+00	6.94E+02	1.52E-16	1.19E+03	0.00E+00	9.18E-06	3.48E-06	1.79E-01	0.00E+00	1.17E+02	0.00E+00	1.19E+03	1.49E-04	1.19E+03	1.31E+03	1.17E+02	0.00E+00	0.00E+00	0.00E+00	2.39E+04
FR25S2	-9.10E-01	-1.72E+02	-1.84E+00	-1.70E+02	0.00E+00	0.00E+00	-5.40E+02	-5.51E-02	-1.48E-01	-1.76E+00	0.00E+00	-3.23E-03	-1.52E-06	-5.34E-06	-4.50E+01	-3.03E+02	0.00E+00	0.00E+00	-1.05E+03	-1.15E+00	-1.85E+03	0.00E+00	-7.18E-06	-1.41E-05	-8.38E-01	-7.59E-04	-1.23E+02	0.00E+00	-1.85E+03	-2.97E-03	-1.85E+03	-1.97E+03	-1.23E+02	0.00E+00	0.00E+00	0.00E+00	-4.39E+04
FR26G1	-1.81E+00	-2.22E+02	-2.48E+00	-2.20E+02	0.00E+00	0.00E+00	-7.24E+02	-8.05E-02	-1.95E-01	-2.33E+00	0.00E+00	-2.10E-03	-1.93E-06	-8.15E-06	-3.57E+00	-4.00E+02	0.00E+00	0.00E+00	-1.39E+03	-7.49E-01	-2.24E+03	0.00E+00	-9.65E-06	-1.80E-05	-1.08E+00	-4.93E-04	-1.63E+02	0.00E+00	-2.24E+03	-4.09E-03	-2.24E+03	-2.40E+03	-1.63E+02	0.00E+00	0.00E+00	0.00E+00	-5.83E+04
FR26G2	-1.27E+00	-2.18E+02	-2.23E+00	-2.15E+02	0.00E+00	0.00E+00	-6.56E+02	-8.19E-02	-1.92E-01	-2.30E+00	0.00E+00	2.58E-18	-1.95E-06	-8.18E-06	-2.81E+00	-3.57E+02	0.00E+00	0.00E+00	-1.36E+03	9.00E-18	-2.15E+03	0.00E+00	-9.21E-06	-1.80E-05	-1.08E+00	0.00E+00	-1.51E+02	0.00E+00	-2.15E+03	-4.12E-03	-2.15E+03	-2.30E+03	-1.51E+02	0.00E+00	0.00E+00	0.00E+00	-5.70E+04
FR26H2	-1.14E+00	-2.13E+02	-2.17E+00	-2.11E+02	0.00E+00	0.00E+00	-6.23E+02	-6.99E-02	-1.84E-01	-2.19E+00	0.00E+00	3.42E-18	-1.94E-06	-6.78E-06	-2.67E+00	-3.47E+02	0.00E+00	0.00E+00	-1.33E+03	1.22E-17	-2.12E+03	0.00E+00	-8.95E-06	-1.77E-05	-1.05E+00	0.00E+00	-1.48E+02	0.00E+00	-2.12E+03	-3.77E-03	-2.12E+03	-2.27E+03	-1.48E+02	0.00E+00	0.00E+00	0.00E+00	-5.59E+04
FR26S1	-1.48E+00	-2.01E+02	-2.25E+00	-1.99E+02	0.00E+00	0.00E+00	-6.44E+02	-6.19E-02	-1.73E-01	-2.05E+00	0.00E+00	-3.23E-03	-1.74E-06	-6.11E-06	-3.48E+00	-3.64E+02	0.00E+00	0.00E+00	-1.24E+03	-1.15E+00	-2.05E+03	0.00E+00	-8.68E-06	-1.61E-05	-9.58E-01	-7.59E-04	-1.48E+02	0.00E+00	-2.05E+03	-3.38E-03	-2.05E+03	-2.19E+03	-1.48E+02	0.00E+00	0.00E+00	0.00E+00	-5.19E+04
FR26S2	-1.04E+00	-1.96E+02	-2.05E+00	-1.94E+02	0.00E+00	0.00E+00	-6.01E+02	-6.32E-02	-1.69E-01	-2.01E+00	0.00E+00	-3.23E-03	-1.75E-06	-6.14E-06	-3.20E+00	-3.56E+02	0.00E+00	0.00E+00	-1.21E+03	-1.15E+00	-2.01E+03	0.00E+00	-8.28E-06	-1.61E-05	-9.56E-01	-7.59E-04	-1.42E+02	0.00E+00	-2.01E+03	-3.41E-03	-2.01E+03	-2.15E+03	-1.42E+02	0.00E+00	0.00E+00	0.00E+00	-5.06E+04
FR42E	8.58E-02	1.73E+01	8.49E-01	1.64E+01	0.00E+00	0.00E+00	2.47E+02	4.96E-04	1.96E-02	1.70E-01	0.00E+00	9.77E-18	2.33E-08	5.75E-07	1.35E+00	-6.82E+00	0.00E+00	0.00E+00	1.68E+02	3.32E-17	2.76E+02	0.00E+00	2.06E-06	8.83E-07	4.77E-02	0.00E+00	2.11E+01	0.00E+00	2.76E+02	6.37E-05	2.76E+02	2.97E+02	2.11E+01	0.00E+00	0.00E+00	0.00E+00	5.92E+03
FR52E	-2.06E-01	-3.96E+01	-3.90E-01	-3.92E+01	0.00E+00	0.00E+00	-1.19E+02	-1.31E-02	-2.99E-02	-4.06E-01	0.00E+00	-8.81E-04	-3.62E-07	-1.22E-06	-6.46E-01	-7.88E+01	0.00E+00	0.00E+00	-2.43E+02	-3.15E-01	-4.07E+02	0.00E+00	-1.60E-06	-3.29E-06	-1.95E-01	-2.07E-04	-2.93E+01	0.00E+00	-4.07E+02	-7.04E-04	-4.07E+02	-4.36E+02	-2.93E+01	0.00E+00	0.00E+00	0.00E+00	-1.03E+04
FR62E	1.02E-01	2.25E+01	1.08E+00	2.14E+01	0.00E+00	0.00E+00	3.11E+02	-1.08E-04	2.35E-02	2.12E-01	0.00E+00	1.29E-17	8.31E-09	6.57E-07	1.74E+00	5.32E+01	0.00E+00	0.00E+00	2.04E+02	4.38E-17	3.43E+02	0.00E+00	2.65E-06	1.02E-06	5.43E-02	0.00E+00	3.53E+01	0.00E+00	3.43E+02	4.56E-05	3.43E+02	3.78E+02	3.53E+01	0.00E+00	0.00E+00	0.00E+00	7.07E+03
FR63E	-3.19E-01	-6.20E+01	-6.47E-01	-6.13E+01	0.00E+00	0.00E+00	-1.87E+02	-1.96E-02	-4.87E-02	-6.30E-01	0.00E+00	3.28E-19	-5.43E-07	-1.88E-06	-8.22E-01	-1.41E+02	0.00E+00	0.00E+00	-3.80E+02	1.26E-18	-6.07E+02	0.00E+00	-2.62E-06	-5.01E-06	-2.97E-01	0.00E+00	-4.88E+01	0.00E+00	-6.07E+02	-1.06E-03	-6.07E+02	-6.56E+02	-4.88E+01	0.00E+00	0.00E+00	0.00E+00	-1.59E+04
FR72E	1.08E-01	2.31E+01	1.17E+00	2.19E+01	0.00E+00	0.00E+00	3.34E+02	-1.10E-04	2.43E-02	2.21E-01	0.00E+00	-1.25E-03	9.23E-09	7.25E-07	1.65E+00	4.18E+01	0.00E+00	0.00E+00	2.27E+02	-4.47E-01	3.47E+02	0.00E+00	2.89E-06	1.09E-06	5.60E-02	-2.94E-04	3.62E+01	0.00E+00	3.47E+02	4.89E-05	3.47E+02	3.83E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	7.89E+03
FR73E	-3.30E-01	-6.11E+01	-6.09E-01	-6.05E+01	0.00E+00	0.00E+00	-1.81E+02	-2.12E-02	-4.91E-02	-6.35E-01	0.00E+00	1.66E-18	-5.84E-07	-1.99E-06	-7.35E-01	-1.13E+02	0.00E+00	0.00E+00	-3.96E+02	6.06E-18	-6.22E+02	0.00E+00	-2.54E-06	-5.27E-06	-3.10E-01	0.00E+00	-4.49E+01	0.00E+00	-6.22E+02	-1.13E-03	-6.22E+02	-6.67E+02	-4.49E+01	0.00E+00	0.00E+00	0.00E+00	-1.67E+04
FR74E	7.67E-02	4.22E+01	2.00E+00	4.02E+01	0.00E+00	0.00E+00	5.64E+02	-1.07E-02	3.22E-02	3.46E-01	0.00E+00	2.36E-17	4.09E-08	-1.08E-07	3.23E+00	8.53E+01	0.00E+00	0.00E+00	3.81E+02	8.00E-17	6.60E+02	0.00E+00	4.96E-06	1.97E-06	9.63E-02	0.00E+00	6.47E+01	0.00E+00	6.60E+02	-1.86E-04	6.60E+02	7.25E+02	6.47E+01	0.00E+00	0.00E+00	0.00E+00	1.33E+04
FR75E	-5.15E-01	-9.95E+01	-1.02E+00	-9.85E+01	0.00E+00	0.00E+00	-2.99E+02	-3.21E-02	-7.78E-02	-1.02E+00	0.00E+00	1.29E-18	-8.87E-07	-3.06E-06	-1.29E+00	-2.12E+02	0.00E+00	0.00E+00	-6.11E+02	4.24E-18	-9.80E+02	0.00E+00	-4.18E-06	-8.14E-06	-4.83E-01	0.00E+00	-7.59E+01	0.00E+00	-9.80E+02	-1.73E-03	-9.80E+02	-1.06E+03	-7.59E+01	0.00E+00	0.00E+00	0.00E+00	-2.56E+04
FR83E	1.76E-01	3.65E+01	1.80E+00	3.47E+01	0.00E+00	0.00E+00	5.26E+02	1.06E-03	3.66E-02	3.57E-01	0.00E+00	2.07E-17	4.90E-08	1.18E-06	2.87E+00	2.87E+01	0.00E+00	0.00E+00	3.57E+02	7.03E-17	5.86E+02	0.00E+00	4.38E-06	1.89E-06	1.00E-01	0.00E+00	5.11E+01	0.00E+00	5.86E+02	1.36E-04	5.86E+02	6.37E+02	5.11E+01	0.00E+00	0.00E+00	0.00E+00	1.26E+04
FR84E	9.14E-02	4.33E+01	2.21E+00	4.11E+01	0.00E+00	0.00E+00	6.17E+02	-1.06E-02	3.41E-02	3.67E-01	0.00E+00	-1.87E-03	5.06E-08	4.45E-08	3.19E+00	2.44E+01	0.00E+00	0.00E+00	4.37E+02	-6.67E-01	6.88E+02	0.00E+00	5.45E-06	2.14E-06	1.02E-01	-4.40E-04	6.19E+01	0.00E+00	6.88E+02	-1.68E-04	6.88E+02	7.49E+02	6.19E+01	0.00E+00	0.00E+00	0.00E+00	1.53E+04
FR85E	2.33E-01	4.95E+01	2.51E+00	4.70E+01	0.00E+00	0.00E+00	7.33E+02	1.68E-04	5.07E-02	4.72E-01	0.00E+00	2.95E-17	3.04E-08	1.56E-06	4.02E+00	1.18E+02	0.00E+00	0.00E+00	4.83E+02	1.00E-16	7.98E+02	0.00E+00	6.09E-06	2.41E-06	1.24E-01	0.00E+00	8.20E+01	0.00E+00	7.98E+02	1.25E-04	7.98E+02	8.80E+02	8.20E+01	0.00E+00	0.00E+00	0.00E+00	1.69E+04
FR92E	-3.49E-01	-6.87E+01	-7.25E-01	-6.80E+01	0.00E+00	0.00E+00	-2.20E+02	-2.12E-02	-5.43E-02	-6.95E-01	0.00E+00	-1.85E-03	-5.84E-07	-2.04E-06	-1.29E+00	-1.62E+02	0.00E+00	0.00E+00	-4.03E+02	-6.61E-01	-7.00E+02	0.00E+00	-2.86E-06	-5.44E-06	-3.25E-01	-4.35E-04	-5.42E+01	0.00E+00	-7.00E+02	-1.14E-03	-7.00E+02	-7.54E+02	-5.42E+01	0.00E+00	0.00E+00	0.00E+00	-1.69E+04
FR92S	1.14E-01	2.33E+01	1.36E+00	2.20E+01	0.00E+00	0.00E+00	3.89E+02	-1.34E-04	2.15E-02	2.34E-01	0.00E+00	-2.43E-03	1.09E-08	8.23E-07	-1.13E+01	8.94E-01	0.00E+00	0.00E+00	2.74E+02	-8.69E-01	3.59E+02	0.00E+00	3.39E-06	1.21E-06	5.83E-02	-5.72E-04	3.58E+01	0.00E+00	3.59E+02	5.76E-05	3.59E+02	3.95E+02	3.58E+01	0.00E+00	0.00E+00	0.00E+00	9.50E+03
FR93E	1.93E-01	4.15E+01	1.95E+00	3.95E+01	0.00E+00	0.00E+00	5.61E+02	1.17E-03	4.03E-02	4.00E-01	0.00E+00	-1.59E-03	5.38E-08	1.29E-06	2.82E+00	6.00E+01	0.00E+00	0.00E+00	3.94E+02	-5.67E-01	6.11E+02	0.00E+00	4.84E-06	2.09E-06	1.11E-01	-3.73E-04	5.98E+01	0.00E+00	6.11E+02	1.50E-04	6.11E+02	6.70E+02	5.98E+01	0.00E+00	0.00E+00	0.00E+00	1.39E+04
FR93G	-5.48E-01	-8.81E+01	-9.46E-01	-8.72E+01	0.00E+00	0.00E+00	-2.83E+02	-3.65E-02	-7.93E-02	-9.48E-01	0.00E+00	2.05E-18	-8.46E-07	-3.68E-06	-1.11E+00	-1.57E+02	0.00E+00	0.00E+00	-5.97E+02	7.52E-18	-9.02E+02	0.00E+00	-3.72E-06	-7.65E-06	-4.53E-01	0.00E+00	-6.62E+01	0.00E+00	-9.02E+02	-1.82E-03	-9.02E+02	-9.68E+02	-6.62E+01	0.00E+00	0.00E+00	0.00E+00	-2.51E+04
FR93S	1.71E-01	3.91E+01	1.86E+00	3.72E+01	0.00E+00	0.00E+00	5.42E+02	1.20E-04	3.39E-02	3.73E-01	0.00E+00	-6.62E-15	2.36E-08	1.11E-06	-1.63E+01	7.60E+01	0.00E+00	0.00E+00	3.63E+02	-1.32E-14	5.66E+02	0.00E+00	4.67E-06	1.81E-06	9.58E-02	0.00E+00	5.95E+01	0.00E+00	5.66E+02	9.75E-05	5.66E+02	6.25E+02	5.95E+01	0.00E+00	0.00E+00	0.00E+00	1.26E+04
FR94E	1.18E-01	5.07E+01	2.45E+00	4.82E+01	0.00E+00	0.00E+00	6.95E+02	-1.04E-02	3.98E-02	4.29E-01	0.00E+00	2.86E-17	5.31E-08	1.76E-07	3.94E+00	1.09E+02	0.00E+00	0.00E+00	4.70E+02	9.71E-17	8.05E+02	0.00E+00	6.03E-06	2.44E-06	1.20E-01	0.00E+00	7.98E+01	0.00E+00	8.05E+02	-1.52E-04	8.05E+02	8.85E+02	7.98E+01	0.00E+00	0.00E+00	0.00E+00	1.64E+04
FR94S	2.41E-01	5.32E+01	2.47E+00	5.07E+01	0.00E+00	0.00E+00	7.18E+02	1.44E-03	4.66E-02	5.16E-01	0.00E+00	-8.56E-15	7.19E-08	1.57E-06	-2.10E+01	5.59E+01	0.00E+00	0.00E+00	5.03E+02	-1.71E-14	7.70E+02	0.00E+00	6.17E-06	2.65E-06	1.41E-01	0.00E+00	7.35E+01	0.00E+00	7.70E+02	1.96E-04	7.70E+02	8.43E+02	7.35E+01	0.00E+00	0.00E+00	0.00E+00	1.77E+04
FR95E	-6.91E-01	-1.05E+02	-1.06E+00	-1.04E+02	0.00E+00	0.00E+00	-3.38E+02	-4.81E-02	-9.62E-02	-1.15E+00	0.00E+00	3.27E-18	-1.01E-06	-4.87E-06	-1.26E+00	-1.74E+02	0.00E+00	0.00E+00	-6.93E+02	1.13E-17	-1.07E+03	0.00E+00	-4.36E-06	-9.21E-06	-5.50E-01	0.00E+00	-7.43E+01	0.00E+00	-1.07E+03	-2.28E-03	-1.07E+03	-1.14E+03	-7.43E+01	0.00E+00	0.00E+00	0.00E+00	-2.92E+04
FR95S	2.88E-01	6.48E+01	2.94E+00	6.19E+01	0.00E+00	0.00E+00	8.49E+02	1.71E-03	5.65E-02	6.25E-01	0.00E+00	3.46E-17	7.98E-08	1.84E-06	4.78E+00	7.25E+01	0.00E+00	0.00E+00	5.80E+02	1.18E-16	9.74E+02	0.00E+00	7.34E-06	3.16E-06	1.72E-01	0.00E+00	8.70E+01	0.00E+00	9.74E+02	2.26E-04	9.74E+02	1.06E+03	8.70E+01	0.00E+00	0.00E+00	0.00E+00	2.04E+04
FW324FT	-1.45E-02	1.15E+01	5.81E-01	1.09E+01	0.00E+00	0.00E+00	1.59E+02	-6.65E-03	7.38E-03	7.56E-02	0.00E+00	-4.56E-05	1.03E-08	-4.37E-07	9.21E-01	2.42E+01	0.00E+00	0.00E+00	1.06E+02	-1.63E-02	1.87E+02	0.00E+00	1.41E-06	4.98E-07	2.10E-02	-1.07E-05	1.87E+01	0.00E+00	1.87E+02	-1.57E-04	1.87E+02	2.05E+02	1.87E+01	0.00E+00	0.00E+00	0.00E+00	3.63E+03
FW324WT	-1.43E-01	-2.80E+01	-2.95E-01	-2.77E+01	0.00E+00	0.00E+00	-8.46E+01	-8.82E-03	-2.10E-02	-2.87E-01	0.00E+00	-2.85E-05	-2.45E-07	-8.37E-07	-4.16E-01	-4.50E+01	0.00E+00	0.00E+00	-1.72E+02	-1.02E-02	-2.78E+02	0.00E+00	-1.22E-06	-2.26E-06	-1.35E-01	-6.69E-06	-1.94E+01	0.00E+00	-2.78E+02	-4.78E-04	-2.78E+02	-2.98E+02	-1.94E+01	0.00E+00	0.00E+00	0.00E+00	-7.17E+03
FW424FT	7.40E-02	1.49E+01	7.44E-01	1.41E+01	0.00E+00	0.00E+00	2.18E+02	4.42E-04	1.68E-02	1.43E-01	0.00E+00	-4.56E-05	2.35E-08	5.13E-07	1.14E+00	3.83E+01	0.00E+00	0.00E+00	1.48E+02	-1.63E-02	2.39E+02	0.00E+00	1.79E-06	7.85E-07	4.04E-02	-1.07E-05	2.50E+01	0.00E+00	2.39E+02	5.49E-05	2.39E+02	2.64E+02	2.50E+01	0.00E+00	0.00E+00	0.00E+00	5.24E+03
FW424WT	4.24E-02	1.54E+01	7.71E-01	1.47E+01	0.00E+00	0.00E+00	2.23E+02	-2.54E-03	1.23E-02	1.33E-01	0.00E+00	-2.85E-05	1.89E-08	1.44E-07	1.22E+00	3.72E+01	0.00E+00	0.00E+00	1.50E+02	-1.02E-02	2.49E+02	0.00E+00	1.86E-06	7.64E-07	3.73E-02	-6.69E-06	2.56E+01	0.00E+00	2.49E+02	-5.00E-05	2.49E+02	2.75E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	5.25E+03
FW436WT	-1.80E-01	-3.68E+01	-2.79E-01	-3.65E+01	0.00E+00	0.00E+00	-8.54E+01	-1.25E-02	-1.88E-02	-3.78E-01	0.00E+00	-5.16E-18	-3.44E-07	-1.02E-06	-3.47E-01	-5.00E+01	0.00E+00	0.00E+00	-2.19E+02	-7.93E-18	-3.49E+02	0.00E+00	-1.36E-06	-3.06E-06	-1.83E-01	0.00E+00	-2.22E+01	0.00E+00	-3.49E+02	-6.72E-04	-3.49E+02	-3.71E+02	-2.22E+01	0.00E+00	0.00E+00	0.00E+00	-9.33E+03
FW524FT	2.25E-02	6.11E+00	6.27E-01	5.49E+00	0.00E+00	0.00E+00	1.83E+02	-2.69E-03	8.66E-03	5.09E-02	0.00E+00	-4.56E-05	-5.33E-08	1.75E-07	1.00E+00	2.48E+01	0.00E+00	0.00E+00	9.10E+01	-1.63E-02	1.48E+02	0.00E+00	1.36E-06	8.32E-08	-1.44E-03	-1.07E-05	1.84E+01	0.00E+00	1.48E+02	-1.02E-04	1.48E+02	1.66E+02	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.88E+03
FW524WT	2.21E-02	1.17E+01	7.61E-01	1.09E+01	0.00E+00	0.00E+00	2.20E+02	-3.94E-03	9.11E-03	9.40E-02	0.00E+00	-2.85E-05	-2.18E-08	2.80E-08	1.22E+00	3.25E+01	0.00E+00	0.00E+00	1.30E+02	-1.02E-02	2.17E+02	0.00E+00	1.76E-06	4.37E-07	1.75E-02	-6.69E-06	2.39E+01	0.00E+00	2.17E+02	-1.25E-04	2.17E+02	2.40E+02	2.39E+01	0.00E+00	0.00E+00	0.00E+00	4.35E+03
FW536FT	-2.37E-01	-3.61E+01	-2.26E-01	-3.58E+01	0.00E+00	0.00E+00	-7.19E+01	-1.76E-02	-2.85E-02	-3.98E-01	0.00E+00	-4.32E-18	-3.45E-07	-1.66E-06	-2.62E-01	-5.63E+01	0.00E+00	0.00E+00	-2.14E+02	-5.31E-18	-3.33E+02	0.00E+00	-1.26E-06	-3.10E-06	-1.89E-01	0.00E+00	-2.15E+01	0.00E+00	-3.33E+02	-8.50E-04	-3.33E+02	-3.55E+02	-2.15E+01	0.00E+00	0.00E+00	0.00E+00	-9.19E+03
FW624FT	-2.86E-01	-4.40E+01	-4.84E-01	-4.35E+01	0.00E+00	0.00E+00	-1.48E+02	-1.93E-02	-4.01E-02	-4.79E-01	0.00E+00	-4.56E-05	-3.87E-07	-2.01E-06	-6.37E-01	-7.35E+01	0.00E+00	0.00E+00	-2.80E+02	-1.63E-02	-4.39E+02	0.00E+00	-1.93E-06	-3.63E-06	-2.19E-01	-1.07E-05	-3.13E+01	0.00E+00	-4.39E+02	-9.41E-04	-4.39E+02	-4.70E+02	-3.13E+01	0.00E+00	0.00E+00	0.00E+00	-1.17E+04
FW624WT	-2.77E-01	-4.71E+01	-5.16E-01	-4.66E+01	0.00E+00	0.00E+00	-1.51E+02	-1.78E-02	-4.18E-02	-4.98E-01	0.00E+00	-2.85E-05	-4.14E-07	-1.81E-06	-6.96E-01	-7.61E+01	0.00E+00	0.00E+00	-2.95E+02	-1.02E-02	-4.70E+02	0.00E+00	-2.07E-06	-3.85E-06	-2.31E-01	-6.69E-06	-3.30E+01	0.00E+00	-4.70E+02	-9.07E-04	-4.70E+02	-5.03E+02	-3.30E+01	0.00E+00	0.00E+00	0.00E+00	-1.23E+04

Module D

FW636FT	6.10E-02	1.23E+01	1.01E+00	1.13E+01	0.00E+00	0.00E+00	2.95E+02	-2.48E-03	1.88E-02	1.12E-01	0.00E+00	-4.56E-05	-5.76E-08	4.77E-07	1.58E+00	4.44E+01	0.00E+00	0.00E+00	1.60E+02	-1.63E-02	2.58E+02	0.00E+00	2.23E-06	3.70E-07	1.26E-02	-1.07E-05	3.09E+01	0.00E+00	2.58E+02	-8.83E-05	2.58E+02	2.89E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	5.27E+03
FWB31D1	-2.38E-02	-3.64E+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-07	-3.14E-02	-1.66E+01	0.00E+00	0.00E+00	-3.00E+01	-1.16E-17	-4.20E+01	0.00E+00	-1.26E-07	-4.05E-07	-2.25E-02	0.00E+00	-4.37E+00	0.00E+00	-4.20E+01	-9.15E-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	-7.08E+00	-8.88E-02	-7.00E+00	0.00E+00	0.00E+00	-7.66E+00	-2.38E-03	-3.15E-03	-6.82E-02	0.00E+00	-3.35E-04	-6.43E-08	-1.78E-07	-1.46E-01	-2.61E+01	0.00E+00	0.00E+00	-3.46E+01	-1.55E-01	-7.18E+01	0.00E+00	-1.69E-07	-5.61E-07	-3.40E-02	-1.28E-04	-5.81E+00	0.00E+00	-7.18E+01	-1.25E-04	-7.18E+01	-7.76E+01	-5.81E+00	0.00E+00	0.00E+00	0.00E+00	-1.54E+03
FWB32D1	-3.98E-02	-7.59E+00	-7.34E-02	-7.51E+00	0.00E+00	0.00E+00	-2.33E+01	-2.57E-03	-6.36E-03	-7.61E-02	0.00E+00	2.94E-19	-7.11E-08	-2.49E-07	-5.52E-02	-2.20E+01	0.00E+00	0.00E+00	-4.77E+01	1.13E-18	-7.00E+01	0.00E+00	-2.62E-07	-6.31E-07	-3.72E-02	0.00E+00	-6.59E+00	0.00E+00	-7.00E+01	-1.36E-04	-7.00E+01	-7.66E+01	-6.59E+00	0.00E+00	0.00E+00	0.00E+00	-2.04E+03
FWB32M2	-7.70E-02	-1.54E+01	-3.54E-01	-1.50E+01	0.00E+00	0.00E+00	-5.09E+01	-4.88E-03	-9.75E-03	-1.48E-01	0.00E+00	-1.08E-03	-1.35E-07	-4.53E-07	-5.56E-01	-7.47E+01	0.00E+00	0.00E+00	-9.26E+01	-4.90E-01	-1.99E+02	0.00E+00	-5.93E-07	-1.26E-06	-7.31E-02	-3.98E-04	-1.80E+01	0.00E+00	-1.99E+02	-2.62E-04	-1.99E+02	-2.17E+02	-1.80E+01	0.00E+00	0.00E+00	0.00E+00	-3.92E+03
FWB32S	-2.71E-02	-5.95E+00	-4.89E-02	-5.90E+00	0.00E+00	0.00E+00	1.33E+01	-2.87E-03	2.32E-04	-5.82E-02	0.00E+00	-6.44E-04	-7.77E-08	-1.46E-07	-1.02E-01	-2.70E+01	0.00E+00	0.00E+00	-2.49E+01	-2.89E-01	-6.69E+01	0.00E+00	3.17E-08	-5.82E-07	-3.51E-02	-2.33E-04	-4.20E+00	0.00E+00	-6.69E+01	-1.46E-04	-6.69E+01	-7.11E+01	-4.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.27E+03
FWB34S	-3.05E-01	-3.13E+01	-5.41E-01	-3.08E+01	0.00E+00	0.00E+00	-1.27E+02	-2.42E-02	-3.13E-02	-3.78E-01	0.00E+00	-1.01E-03	-2.58E-07	-2.68E-06	-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-06	-2.57E-06	-1.60E-01	-3.85E-04	-3.62E+01	0.00E+00	-3.37E+02	-9.14E-04	-3.37E+02	-3.73E+02	-3.62E+01	0.00E+00	0.00E+00	0.00E+00	-8.34E+03
FWB41D1	1.13E-02	1.89E+00	8.65E-02	1.80E+00	0.00E+00	0.00E+00	4.60E+01	-4.96E-05	2.15E-03	2.31E-02	0.00E+00	-3.51E-04	1.88E-10	8.97E-08	1.09E-01	-1.66E+01	0.00E+00	0.00E+00	3.03E+01	-1.62E-01	3.01E+01	0.00E+00	3.74E-07	1.14E-07	5.35E-03	-1.34E-04	1.61E+00	0.00E+00	3.01E+01	4.43E-06	3.01E+01	3.17E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+03
FWB41S	-8.97E-02	-8.62E+00	-3.56E-02	-8.58E+00	0.00E+00	0.00E+00	-2.07E+01	-7.76E-03	-8.83E-03	-1.08E-01	0.00E+00	1.12E-18	-9.11E-08	-8.07E-07	2.26E-02	-3.96E+01	0.00E+00	0.00E+00	-5.52E+01	3.95E-18	-7.00E+01	0.00E+00	-1.90E-07	-8.08E-07	-5.02E-02	0.00E+00	-8.59E+00	0.00E+00	-7.00E+01	-2.97E-04	-7.00E+01	-7.86E+01	-8.59E+00	0.00E+00	0.00E+00	0.00E+00	-2.45E+03
FWB42D1	-2.39E-02	-4.42E+00	8.75E-03	-4.43E+00	0.00E+00	0.00E+00	8.05E-01	-1.92E-03	-3.61E-03	-4.44E-02	0.00E+00	-5.71E-18	-5.12E-08	-1.51E-07	5.05E-02	-1.58E+01	0.00E+00	0.00E+00	-2.36E+01	-9.89E-18	-3.09E+01	0.00E+00	-2.86E-08	-4.10E-07	-2.45E-02	0.00E+00	-3.18E+00	0.00E+00	-3.09E+01	-9.80E-05	-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	-1.99E+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	-4.39E-05	-1.66E-07	-1.10E-06	-3.09E-01	-1.13E+02	0.00E+00	0.00E+00	-1.23E+02	-1.58E-02	-1.90E+02	0.00E+00	-8.41E-07	-1.61E-06	-9.64E-02	-1.05E-05	-2.54E+01	0.00E+00	-1.90E+02	-4.44E-04	-1.90E+02	-2.15E+02	-2.54E+01	0.00E+00	0.00E+00	0.00E+00	-5.11E+03
FWB42K5	-2.07E-02	8.07E-01	2.30E-01	5.76E-01	0.00E+00	0.00E+00	5.90E+01	-3.99E-03	1.73E-04	-3.98E-03	0.00E+00	-8.31E-05	-4.32E-08	-2.69E-07	4.45E-01	7.36E-01	0.00E+00	0.00E+00	1.82E+01	-2.97E-02	5.08E+01	0.00E+00	6.08E-07	-1.65E-07	-1.30E-02	-1.95E-05	5.06E+00	0.00E+00	5.08E+01	-1.38E-04	5.08E+01	5.59E+01	5.06E+00	0.00E+00	0.00E+00	0.00E+00	3.22E+02
FWB42M2	-8.27E-03	-3.73E+00	-3.30E-02	-3.69E+00	0.00E+00	0.00E+00	5.94E+01	-1.80E-03	1.30E-03	-2.19E-02	0.00E+00	-1.20E-03	-4.08E-08	8.29E-09	-7.02E-02	-7.63E+01	0.00E+00	0.00E+00	1.87E+01	-5.55E-01	-3.35E+01	0.00E+00	4.05E-07	-2.74E-07	-1.88E-02	-4.57E-04	-6.90E+00	0.00E+00	-3.35E+01	-8.47E-05	-3.35E+01	-4.04E+01	-6.90E+00	0.00E+00	0.00E+00	0.00E+00	3.72E+02
FWB42P2	-3.72E-02	-6.80E+00	-1.40E-01	-6.66E+00	0.00E+00	0.00E+00	6.94E+00	-3.12E-03	-3.92E-03	-6.48E-02	0.00E+00	-9.87E-04	-8.50E-08	-2.12E-07	-2.28E-01	-4.98E+01	0.00E+00	0.00E+00	-3.23E+01	-4.47E-01	-9.66E+01	0.00E+00	-2.59E-08	-6.78E-07	-3.95E-02	-3.63E-04	-8.25E+00	0.00E+00	-9.66E+01	-1.61E-04	-9.66E+01	-1.05E+02	-8.25E+00	0.00E+00	0.00E+00	0.00E+00	-1.58E+03
FWB42S	-3.85E-02	1.24E+01	4.60E-01	1.19E+01	0.00E+00	0.00E+00	1.10E+02	-8.89E-03	7.03E-03	7.27E-02	0.00E+00	-7.80E-19	7.70E-09	-7.82E-07	8.01E-01	-4.54E-02	0.00E+00	0.00E+00	7.56E+01	7.11E-18	1.65E+02	0.00E+00	1.29E-06	3.94E-07	1.90E-02	0.00E+00	1.17E+01	0.00E+00	1.65E+02	-2.22E-04	1.65E+02	1.76E+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	-8.43E+00	0.00E+00	0.00E+00	6.64E+00	-1.75E-02	-1.07E-02	-1.35E-01	0.00E+00	-2.41E-03	-1.19E-07	-1.81E-06	-5.64E-01	-1.54E+02	0.00E+00	0.00E+00	-4.12E+01	-1.12E+00	-1.55E+02	0.00E+00	2.24E-07	-1.03E-06	-6.64E-02	-9.19E-04	-2.16E+01	0.00E+00	-1.55E+02	-5.85E-04	-1.55E+02	-1.76E+02	-2.16E+01	0.00E+00	0.00E+00	0.00E+00	-2.25E+03
FWB44S	-3.52E-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	-9.56E-02	0.00E+00	-2.10E-03	-1.15E-07	-8.86E-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	4.04E-07	-9.10E-07	-5.79E-02	-8.00E-04	-1.84E+01	0.00E+00	-1.19E+02	-2.35E-04	-1.19E+02	-1.37E+02	-1.84E+01	0.00E+00	0.00E+00	0.00E+00	-7.76E+02
FWB51D1	1.90E-03	5.18E-02	5.20E-02	-2.08E-04	0.00E+00	0.00E+00	3.70E+01	-5.33E-04	5.76E-04	4.66E-03	0.00E+00	-3.68E-04	-1.34E-08	3.36E-08	5.88E-02	-2.05E+01	0.00E+00	0.00E+00	1.81E+01	-1.70E-01	9.48E+00	0.00E+00	2.72E-07	-2.39E-08	-2.76E-03	-1.40E-04	-3.73E-02	0.00E+00	9.48E+00	-2.23E-05	9.48E+00	9.45E+00	-3.73E-02	0.00E+00	0.00E+00	0.00E+00	5.49E+02
FWB51S	-1.39E-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-05	7.75E-09	-3.19E-07	5.23E-01	-9.15E+00	0.00E+00	0.00E+00	5.97E+01	-1.58E-02	1.06E+02	0.00E+00	8.09E-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	-8.18E-03	-1.10E-02	-1.34E-01	0.00E+00	3.69E-19	-1.05E-07	-8.87E-07	-9.66E-02	-4.63E+01	0.00E+00	0.00E+00	-7.58E+01	1.41E-18	-1.03E+02	0.00E+00	-4.01E-07	-9.77E-07	-5.97E-02	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	-3.23E+03
FWB52D1	3.49E-03	1.20E+00	1.66E-01	1.03E+00	0.00E+00	0.00E+00	4.66E+01	-9.52E-04	1.18E-03	1.06E-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	1.95E+01	8.49E-18	4.00E+01	0.00E+00	4.13E-07	-3.58E-08	-3.55E-03	0.00E+00	4.50E+00	0.00E+00	4.00E+01	-3.93E-05	4.00E+01	4.45E+01	4.50E+00	0.00E+00	0.00E+00	0.00E+00	5.23E+02
FWB52K1	2.15E-02	1.61E+01	5.88E-01	1.55E+01	0.00E+00	0.00E+00	1.53E+02	-4.26E-03	1.18E-02	1.30E-01	0.00E+00	-8.31E-05	1.42E-08	-1.78E-07	9.87E-01	2.26E+01	0.00E+00	0.00E+00	1.09E+02	-2.97E-02	2.11E+02	0.00E+00	1.64E-06	6.40E-07	3.50E-02	-1.95E-05	1.84E+01	0.00E+00	2.11E+02	-7.77E-05	2.11E+02	2.29E+02	1.84E+01	0.00E+00	0.00E+00	0.00E+00	3.71E+03
FWB52K5	-1.32E-01	-2.09E+01	-2.08E-01	-2.07E+01	0.00E+00	0.00E+00	-6.99E+01	-9.47E-03	-1.86E-02	-2.23E-01	0.00E+00	8.19E-19	-2.04E-07	-9.61E-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	-7.15E-07	-1.79E-06	-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	-5.85E+03
FWB52M2	-1.05E-01	-1.80E+01	-1.81E-01	-1.78E+01	0.00E+00	0.00E+00	-6.45E+01	-7.54E-03	-1.28E-02	-1.91E-01	0.00E+00	1.35E-18	-2.08E-07	-6.91E-07	-1.24E-01	-3.96E+01	0.00E+00	0.00E+00	-1.36E+02	5.17E-18	-1.94E+02	0.00E+00	-6.56E-07	-1.78E-06	-1.02E-01	0.00E+00	-1.52E+01	0.00E+00	-1.94E+02	-3.96E-04	-1.94E+02	-2.09E+02	-1.52E+01	0.00E+00	0.00E+00	0.00E+00	-5.84E+03
FWB52N	6.34E-02	1.34E+01	6.24E-01	1.28E+01	0.00E+00	0.00E+00	1.78E+02	3.61E-04	1.21E-02	1.34E-01	0.00E+00	7.46E-18	2.40E-08	3.85E-07	1.08E+00	1.27E+01	0.00E+00	0.00E+00	1.24E+02	2.56E-17	2.19E+02	0.00E+00	1.66E-06	7.02E-07	3.76E-02	0.00E+00	1.83E+01	0.00E+00	2.19E+02	5.40E-05	2.19E+02	2.38E+02	1.83E+01	0.00E+00	0.00E+00	0.00E+00	4.32E+03
FWB52N3	-3.51E-02	-8.34E+00	-6.82E-02	-8.27E+00	0.00E+00	0.00E+00	5.59E+01	-3.32E-03	-5.32E-03	-6.76E-02	0.00E+00	-1.37E-03	-8.17E-08	-1.46E-07	-1.44E-01	-9.50E+01	0.00E+00	0.00E+00	-3.90E+00	-6.22E-01	-7.69E+01	0.00E+00	2.74E-07	-6.48E-07	-4.14E-02	-5.08E-04	-1.09E+01	0.00E+00	-7.69E+01	-1.66E-04	-7.69E+01	-8.78E+01	-1.09E+01	0.00E+00	0.00E+00	0.00E+00	-6.27E+02
FWB52P2	-9.85E-02	-1.70E+01	-1.78E-01	-1.69E+01	0.00E+00	0.00E+00	-5.98E+01	-6.72E-03	-1.36E-02	-1.79E-01	0.00E+00	9.80E-19	-1.86E-07	-6.35E-07	-1.54E-01	-5.20E+01	0.00E+00	0.00E+00	-1.25E+02	3.75E-18	-1.83E+02	0.00E+00	-6.69E-07	-1.63E-06	-9.29E-02	0.00E+00	-1.64E+01	0.00E+00	-1.83E+02	-3.56E-04	-1.83E+02	-2.00E+02	-1.64E+01	0.00E+00	0.00E+00	0.00E+00	-5.31E+03
FWB53K1	-3.78E-01	-3.40E+01	-3.71E-01	-3.36E+01	0.00E+00	0.00E+00	-1.20E+02	-1.91E-02	-3.16E-02	-3.80E-01	0.00E+00	-4.39E-05	-2.87E-07	-2.05E-06	-5.12E-01	-1.77E+02	0.00E+00	0.00E+00	-2.13E+02	-1.58E-02	-3.26E+02	0.00E+00	-1.45E-06	-2.78E-06	-1.68E-01	-1.05E-05	-4.12E+01	0.00E+00	-3.26E+02	-8.01E-04	-3.26E+02	-3.67E+02	-4.12E+01	0.00E+00	0.00E+00	0.00E+00	-8.90E+03
FWB53N	-6.11E-02	-2.72E+00	1.43E-01	-2.86E+00	0.00E+00	0.00E+00	2.97E+01	-6.64E-03	-4.88E-03	-6.24E-02	0.00E+00	-5.59E-06	-1.80E-07	-4.58E-07	2.82E-01	-1.44E+01	0.00E+00	0.00E+00	-6.68E+01	-2.58E-03	-8.60E+01	0.00E+00	1.18E-07	-1.26E-06	-6.50E-02	-2.13E-06	-3.15E+00	0.00E+00	-8.60E+01	-3.42E-04	-8.60E+01	-8.92E+01	-3.15E+00	0.00E+00	0.00E+00	0.00E+00	-3.25E+03
FWB53N3	-1.68E-01	-3.15E+01	-3.08E-01	-3.12E+01	0.00E+00	0.00E+00	-9.84E+01	-1.10E-02	-2.68E-02	-3.21E-01	0.00E+00	1.27E-18	-3.04E-07	-1.06E-06	-2.38E-01	-4.83E+01	0.00E+00	0.00E+00	-2.03E+02	4.85E-18	-2.95E+02	0.00E+00	-1.08E-06	-2.66E-06	-1.58E-01	0.00E+00	-2.13E+01	0.00E+00	-2.95E+02	-5.77E-04	-2.95E+02	-3.16E+02	-2.13E+01	0.00E+00	0.00E+00	0.00E+00	-8.64E+03
FWB53S	-1.14E-01	7.92E+00	4.85E-01	7.43E+00	0.00E+00	0.00E+00	1.04E+02	-1.62E-02	1.23E-03	-1.41E-04	0.00E+00	9.76E-19	-6.72E-08	-1.52E-06	9.24E-01	-6.85E+00	0.00E+00	0.00E+00	3.62E+01	1.33E-17	1.25E+02	0.00E+00	1.30E-06	-2.32E-07	-1.96E-02	0.00E+00	9.55E+00	0.00E+00	1.25E+02	-4.92E-04	1.25E+02	1.35E+02	9.55E+00	0.00E+00	0.00E+00	0.00E+00	6.16E+02
FWB54S	-2.63E-01	-1.59E+01	1.35E-01	-1.60E+01	0.00E+00	0.00E+00	-3.69E+00	-2.57E-02	-1.96E-02	-2.47E-01	0.00E+00	-1.24E-04	-2.24E-07	-2.64E-06	4.44E-01	-9.08E+01	0.00E+00	0.00E+00	-9.88E+01	-4.41E-02	-8.93E+01	0.00E+00	1.74E-07	-1.79E-06	-1.17E-01	-2.91E-05	-1.43E+01	0.00E+00	-8.93E+01	-8.98E-04	-8.93E+01	-1.04E+02	-1.43E+01	0.00E+00	0.00E+00	0.00E+00	-4.84E+03
FWB61D	-3.94E-02	-8.00E+00	-7.56E-02	-7.93E+00	0.00E+00	0.00E+00	1.16E+00	-2.74E-03	-6.31E-03	-7.65E-02	0.00E+00	-4.67E-04	-7.28E-08	-2.12E-07	-1.37E-01	-3.90E+01	0.00E+00	0.00E+00	-3.42E+01	-2.07E-01	-7.77E+01	0.00E+00	-1.46E-07	-6.39E-07	-3.90E-02	-1.66E-04	-7.22E+00	0.00E+00	-7.77E+01	-1.44E-04	-7.77E+01	-8.49E+01	-7.22E+00	0.00E+00	0.00E+00	0.00E+00	-1.57E+03
FWB61S	4.07E-02	7.92E+00	2.40E-01	7.68E+00	0.00E+00	0.00E+00	1.13E+02	2.30E-04	1.05E-02	8.41E-02	0.00E+00	-8.04E-04	1.48E-08	2.77E-07	3.54E-01	-2.89E+01	0.00E+00	0.00E+00	7.98E+01	-3.71E-01	8.99E+01	0.00E+00	9.96E-07	3.99E-07	2.24E-02	-3.06E-04	6.02E+00	0.00E+00	8.99E+01	3.01E-05	8.99E+01	9.60E+01	6.02E+00	0.00E+00	0.00E+00	0.00E+00	2.78E+03
FWB62D1	-5.96E-02	-9.12E+00	-1.05E-01	-9.01E+00	0.00E+00	0.00E+00	-3.67E+01	-4.17E-03	-8.45E-03	-1.01E-01	0.00E+00	7.63E-19	-1.15E-07	-4.01E-07	-8.35E-02	-1.68E+01	0.00E+00	0.00E+00	-7.69E+01	2.92E-18	-1.10E+02	0.00E+00	-3.81E-07	-9.87E-07	-5.54E-02	0.00E+00	-7.83E+00	0.00E+00	-1.10E+02	-2.20E-04	-1.10E+02	-1.18E+02	-7.83E+00	0.00E+00	0.00E+00	0.00E+00	-3.28E+03
FWB62K1	-2.79E-01	-3.01E+01	-3.20E-01	-2.97E+01	0.00E+00	0.00E+00	-9.76E+01	-1.33E-02	-2.64E-02	-3.16E-01	0.00E+00	-4.39E-05	-2.48E-07	-1.40E-06	-4.49E-01	-1.79E+02	0.00E+00	0.00E+00	-1.81E+02	-1.58E-02	-2.85E+02	0.00E+00	-1.27E-06	-2.40E-06	-1.42E-01	-1.05E-05	-3.95E+01	0.00E+00	-2.85E+02	-6.05E-04	-2.85E+02	-3.25E+02	-3.95E+01	0.00E+00	0.00E+00	0.00E+00	-7.56E+03
FWB62K5	3.85E-02	1.13E+01	4.21E-01	1.08E+01	0.00E+00	0.00E+00	1.77E+02	-1.82E-03	1.03E-02	1.11E-01	0.00E+00	-1.03E-03	2.32E-08	1.42E-07	6.72E-01	-1.14E+01	0.00E+00	0.00E+00	1.25E+02	-4.76E-01	1.65E+02	0.00E+00	1.64E-06	6.42E-07	3.10E-02	-3.92E-04	1.48E+01	0.00E+00	1.65E+02	-6.37E-06	1.65E+02	1.80E+02	1.48E+01	0.00E+00	0.00E+00	0.00E+00	4.36E+03
FWB62M2	-1.58E-02	9.10E+00	3.19E-01	8.78E+00	0.00E+00	0.00E+00	1.67E+02	-6.65E-03	7.05E-03	7.19E-02	0.00E+00	-1.48E-03	1.78E-08	-4.18E-07	4.64E-01	-4.31E+01	0.00E+00	0.00E+00	1.16E+02	-6.83E-01	1.28E+02	0.00E+00	1.54E-06	4.86E-07	1.91E-02	-5.62E-04	9.72E+00	0.00E+00	1.28E+02	-1.52E-04	1.28E+02	1.38E+02	9.72E+00	0.00E+00	0.00E+00	0.00E+00	3.94E+03
FWB62N	6.38E-02	1.36E+01	3.92E-01	1.32E+01	0.00E+00	0.00E+00	1.96E+02	3.96E-04	1.32E-02	1.47E-01	0.00E+00	-1.47E-03	2.73E-08	4.30E-07	5.83E-01	-8.50E+01	0.00E+00	0.00E+00	1.37E+02	-6.81E-01	1.50E+02	0.00E+00	1.72E-06	6.63E-07	3.84E-02	-5.61E-04	5.28E+00	0.00E+00	1.50E+02	5.16E-05	1.50E+02	1.55E+02	5.28E+00	0.00E+00	0.00E+00	0.00E+00	4.78E+03
FWB62N3	7.62E-02	1.63E+01	7.35E-01	1.56E+01	0.00E+00	0.00E+00	2.08E+02	4.27E-04	1.46E-02	1.61E-01	0.00E+00	-8.31E-05	2.86E-08	4.52E-07	1.27E+00	3.74E+01	0.00E+00	0.00E+00	1.47E+02	-2.97E-02	2.61E+02	0.00E+00	1.99E-06	8.53E-07	4.53E-02	-1.95E-05	2.48E+01	0.00E+00	2.61E+02	6.59E-05	2.61E+02	2.86E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	5.10E+03
FWB62S	-3.53E-01	-2.97E+01	-3.35E-01	-2.94E+01	0.00E+00	0.00E+00	-1.10E+02	-1.81E-02	-2.87E-02	-3.45E-01	0.00E+00	-4.39E-05	-2.59E-07	-1.95E-06	-4.61E-01	-9.39E+01	0.00E+00	0.00E+00	-1.93E+02	-1.58E-02	-2.93E+02	0.00E+00	-1.30E-06	-2.49E-06	-1.52E-01	-1.05E-05	-2.76E+01	0.00E+00	-2.93E+02	-7.47E-04	-2.93E+02	-3.21E+02	-2.76E+01	0.00E+00	0.00E+00	0.00E+00	-8.08E+03
FWB63D1	4.43E-02	1.18E+01	3.93E-01	1.14E+01	0.00E+00	0.00E+00	1.07E+02	2.12E-04	9.63E-03	1.09E-01	0.00E+00	4.91E-18	1.33E-08	2.34E-07	6.78E-01	1.16E+01	0.00E+00	0.00E+00	7.52E+01	1.70E-17	1.38E+02	0.00E+00	1.07E-06	4.62E-07	2.88E-02	0.00E+00	1.17E+01	0.00E+00	1.38E+02	3.21E-05	1.38E+02	1.50E+02	1.17E+01	0.00E+00	0.00E+00	0.00E+00	2.60E+03
FWB63K1	-4.23E-01	-4.03E+01	-4.38E-01	-3.99E+01	0.00E+00	0.00E+00	-1.39E+02	-2.10E-02	-3.69E-02	-4.43E-01	0.00E+00	-4.39E-05	-3.39E-07	-2.24E-06	-6.01E-01	-2.12E+02	0.00E+00	0.00E+00	-2.51E+02	-1.58E-02	-3.87E+02	0.00E+00	-1.72E-06	-3.28E-06	-1.97E-01	-1.05E-05	-4.91E+01	0.00E+00	-3.87E+02	-9.03E-04	-3.87E+02	-4.36E+02	-4.91E+01	0.00E+00	0.00E+00	0.00E+00	-1.05E+04
FWB63K5	-2.14E-02	7.61E+00	5.65E-01	7.05E+00	0.00E+00	0.00E+00	1.46E+02	-7.19E-03	5.43E-03	5.22E-02	0.00E+00	-1.24E-04	-6.16E-08	-4.20E-07	1.02E+00	-1.16E+02	0.00E+00	0.00E+00	6.14E+01	-4.41E-02	1.36E+02	0.00E+00	1.42E-06	-1.45E-07	-7.16E-03	-2.91E-05	-4.32E+00	0.00E+00	1.36E+02	-2.39E-04	1.36E+02	1.32E+02	-4.32E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+03
FWB63N	8.69E-02	1.85E+01	4.92E-01	1.80E+01	0.00E+00	0.00E+00	2.67E+02	5.43E-04	1.78E-02	1.99E-01	0.00E+00	-2.22E-03	3.85E-08	5.87E-07	7.28E-01	-9.09E+01	0.00E+00	0.00E+00	1.88E+02	-1.03E+00	1.96E+02	0.00E+00	2.36E-06	9.20E-07	5.21E-02	-8.45E-04	1.08E+01	0.00E+00	1.96E+02	7.19E-05	1.96E+02	2.07E+02	1.08E+01	0.00E+00	0.00E+00	0.00E+00	6.53E+03
FWB63N3	-2.95E-02	-7.98E+00	-4.87E-02	-7.93E+00	0.00E+00	0.00E+00	1.23E+02	-4.18E-03	-3.90E-03	-5.45E-02	0.00E+00	-2.35E-03	-9.66E-08	-7.61E-08	-8.64E-02	-1.15E+02	0.00E+00	0.00E+00	3.18E+01	-1.08E+00	-6.99E+01	0.00E+00	8.23E-07	-6.46E-07	-4.46E-02	-8.93E-04	-8.34E+00	0.00E+00	-6.99E+01	-1.98E-04	-6.99E+01	-7.82E+01	-8.34E+00	0.00E+00	0.00E+00	0.00E+00	4.69E+02
FWB63S	-4.94E-01	-3.97E+01	-4.49E-01	-3.92E+01	0.00E+00	0.00E+00	-1.50E+02	-2.56E-02	-3.89E-02	-4.68E-01	0.00E+00	-4.39E-05	-3.48E-07	-2.77E-06	-6.08E-01	-1.26E+02	0.00E+00	0.00E+00	-2.61E+02	-1.58E-02	-3.92E+02	0.00E+00	-1.73E-06	-3.35E-06	-2.05E-01	-1.05E-05	-3.70E+01	0.00E+00	-3.92E+02	-1.04E-03	-3.92E+02	-4.29E+02	-3.70E+01	0.00E+00	0.00E+00	0.00E+00	-1.09E+04
FWB64N	9.07E-02	1.47E+01	5.19E-01	1.42E+01	0.00E+00	0.00E+00	3.14E+02	6.51E-04	1.68E-02	1.84E-01	0.00E+00	-2.91E-03	4.29E-08	6.90E-07	7.12E-01	-1.40E+02	0.00E+00	0.00E+00	2.22E+02	-1.33E+00	2.10E+02	0.00E+00	2.66E-06	1.00E-06	4.98E-02	-1.09E-03	7.78E+00	0.00E+00	2.10E+02	8.53E-05	2.10E+02	2.18E+02	7.78E+00	0.00E+00	0.00E+00	0.00E+00	7.73E+03
FWB64N3	1.39E-01	3.40E+01	1.25E+00	3.27E+01	0.00E+00	0.00E+00	3.46E+02	6.96E-04	2.87E-02	3.22E-01	0.00E+00	1.55E-17	4.72E-08	7.51E-07	2.20E+00	5.39E+01	0.00E+00	0.00E+00	2.44E+02	5.35E-17	4.51E+02	0.00E+00	3.48E-06	1.49E-06	8.75E-02	0.00E+00	4.03E+01	0.00E+00	4.51E+02	1.10E-04	4.51E+02	4.91E+02	4.03E+01	0.00E+00	0.00E+00	0.00E+00	8.44E+03
FWB64S	-6.53E-02	2.35E+01	1.13E+00	2.24E+01	0.00E+00	0.00E+00	2.87E+02	-1.76E-02	1.46E-02	1.47E-01	0.00E+00	7.28E-18	2.31E-08	-1.42E-06	1.97E+00	-1.09E+01	0.00E+00	0.00E+00	1.97E+02	3.46E-17	3.96E+02	0.00E+00	3.03E-06	9.60E-07	4.09E-02	0.00E+00	2.78E+01	0.00E+00	3.96E+02	-4.27E-04	3.96E+02	4.24E+02	2.78E+01	0.00E+00	0.00E+00	0.00E+00	6.53E+03
FWB71D1	2.06E-02	3.76E+00	1.57E-01	3.60E+00	0.00E+00	0.00E+00	6.96E+01	1.43E-04	3.83E-03	4.20E-02	0.00E+00	-4.00E-04	6.53E-09	1.52E-07	2.37E-01	-1.44E+01	0.00E+00	0.00E+00	4.83E+01	-1.85E-01	5.66E+01	0.00E+00	5.75E-07	2.29E-07	1.15E-02	-1.52E-04	4.12E+00	0.00E+00	5.66E+01	1.81E-05	5.66E+01	6.08E+01	4.12E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+03
FWB71S	-6.70E-02	2.62E-01	1.34E-01	1.27E-01	0.00E+00	0.00E+00	2.50E+01	-7.70E-03	-2.75E-03	-3.77E-02	0.00E+00	3.34E-18	-8.38E-08	-7.08E-07	2.58E-01	-5.58E+00	0.00E+00	0.00E+00	-2.54E+01	1.17E-17	-1.79E+01	0.00E+00	2.35E-07	-5.95E-07	-3.33E-02	0.00E+00	3.35E-01	0.00E+00	-1.79E+01	-2.88E-04	-1.79E+01	-1.76E+01	3.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.39E+03
FWB72K1	-6.29E-02	-8.21E+00	9.94E-02	-8.31E+00	0.00E+00	0.00E+00	2.20E+01	-6.16E-03	-4.60E-03	-9.36E-02	0.00E+00	-4.25E-05	-1.61E-07	-4.12E-07	2.02E-01	-1.41E+02	0.00E+00	0.00E+00	-6.67E+01	-1.52E-02	-9.77E+01	0.00E+00	-4.93E-08	-1.30E-06	-6.85E-02	-1.00E-05	-2.22E+01	0.00E+00	-9.77E+01	-3.20E-04	-9.77E+01	-1.20E+02	-2.22E+01	0.00E+00	0.00E+00	0.00E+00	-3.17E+03
FWB72K5	-7.79E-02	-1.60E+01	5.47E-02	-1.60E+01	0.00E+00	0.00E+00	1.36E+01	-6.29E-03	-1.09E-02	-1.51E-01	0.00E+00	3.42E-18	-1.72E-07	-4.58E-07	2.11E-01	-1.50E+02	0.00E+00	0.00E+00	-7.20E+01	1.18E-17	-1.04E+02	0.00E+00	-1.33E-07	-1.39E-06	-8.18E-02	0.00E+00	-2.41E+01	0.00E+00	-1.04E+02	-3.23E-04	-1.04E+02	-1.28E+02	-2.41E+01	0.00E+00	0.00E+00	0.00E+00	-3.40E+03
FWB72M2	-1.41E-01	-9.94E+00	8.15E-02	-1.00E+01	0.00E+00	0.00E+00	-2.11E+00	-1.37E-02	-1.17E-02	-1.47E-01	0.00E+00	4.47E-18	-1.89E-07	-1.31E-06	3.20E-01	-5.18E+01	0.00E+00	0.00E+00	-8.58E+01	1.58E-17	-9.07E+01	0.00E+00	6.82E-08	-1.45E-06	-8.55E-02	0.00E+00	-9.80E+00	0.00E+00	-9.07E+01	-5.39E-04	-9.07E+01	-1.00E+02	-9.80E+00	0.00E+00	0.00E+00	0.00E+00	-4.09E+03
FWB72N	-6.80E-03	2.86E+00	4.06E-01	2.46E+00	0.00E+00	0.00E+00	1.08E+02	-3.90E-03	2.15E-03	1.71E-02	0.00E+00	6.96E-18	-9.15E-08	-9.10E-08	7.92E-01	-2.84E+01	0.00E+00	0.00E+00	2.30E+01	2.42E-17	6.71E+01	0.00E+00	9.74E-07	-4.25E-07	-2.31E-02	0.00E+00	3.75E+00	0.00E+00	6.71E+01	-1.79E-04	6.71E+01	7.09E+01	3.75E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+02
FWB72N3	-8.78E-02	-1.86E+01	-2.57E-01	-1.83E+01	0.00E+00	0.00E+00	1.72E+01	-6.38E-03	-1.40E-02	-1.70E-01	0.00E+00	-1.59E-03	-1.75E-07	-4.63E-07	-3.79E-01	-1.04E+02	0.00E+00	0.00E+00	-6.77E+01	-7.33E-01	-1.91E+02	0.00E+00	-1.74E-07	-1.44E-06	-8.91E-02	-6.04E-04	-1.73E+01	0.00E+00	-1.91E+02	-3.30E-04	-1.91E+02	-2.08E+02	-1.73E+01	0.00E+00	0.00E+00	0.00E+00	-3.27E+03
FWB72S	1.41E-02	8.13E+00	4.45E-01	7.69E+00	0.00E+00	0.00E+00	1.20E+02	-3.13E-03	1.13E-02	5.82E-02	0.00E+00	-4.25E-05	-6.88E-08	5.45E-08	6.97E-01	-2.25E+01	0.00E+00	0.00E+00	3.80E+01	-1.52E-02	7.38E+01	0.00E+00	9.58E-07	-2.45E-07	-8.51E-03	-1.00E-05	5.55E+00	0.00E+00	7.38E+01	-1.46E-04	7.38E+01	7.94E+01	5.55E+00	0.00E+00	0.00E+00	0.00E+00	8.94E+02
FWB73N	1.05E-02	2.93E+00	1.22E-01	2.81E+00	0.00E+00	0.00E+00	1.69E+02	-2.81E-03	4.61E-03	4.55E-02	0.00E+00	-2.38E-03	-5.44E-08	1.26E-07	1.48E-01	-1.17E+02	0.00E+00	0.00E+00	7.99E+01	-1.10E+00	1.26E+01	0.00E+00	1.36E-06	-1.54E-07	-1.08E-02	-9.06E-04	-3.61E+00	0.00E+00	1.26E+01	-1.19E-04	1.26E+01	8.96E+00	-3.61E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+03
FWB73N3	-1.34E-01	-2.42E+01	-5.07E-01	-2.37E+01	0.00E+00	0.00E+00	-1.98E+01	-9.63E-03	-1.95E-02	-2.34E-01	0.00E+00	-2.50E-03	-2.64E-07	-7.85E-07	-7.99E-01	-1.32E+02	0.00E+00	0.00E+00	-1.30E+02	-1.14E+00	-3.24E+02	0.00E+00	-4.72E-07	-2.23E-06	-1.30E-01	-9.35E-04	-2.61E+01	0.00E+00	-3.24E+02	-5.03E-04	-3.24E+02	-3.50E+02	-2.61E+01	0.00E+00	0.00E+00	0.00E+00	-5.92E+03
FWB74N	-1.47E-01	-2.26E+01	5.08E-02	-2.27E+01	0.00E+00	0.00E+00	-5.52E+00	-1.26E-02	-2.01E-02	-2.47E-01	0.00E+00	-3.40E-20	-3.44E-07	-1.00E-06	4.01E-01	-4.70E+01	0.00E+00	0.00E+00	-1.59E+02	1.03E-17	-2.01E+02	0.00E+00	-1.43E-07	-2.61E-06	-1.51E-01	0.00E+00	-1.33E+01	0.00E+00	-2.01E+02	-6.40E-04	-2.01E+02	-2.14E+02	-1.33E+01	0.00E+00	0.00E+00	0.00E+00	-7.42E+03
FWB74N3	-5.72E-03	-3.46E+00	1.31E-01	-3.59E+00	0.00E+00	0.00E+00	2.14E+02	-4.34E-03	6.46E-04	-5.28E-03	0.00E+00	-2.99E-03	-9.04E-08	9.38E-08	1.76E-01	-1.09E+02	0.00E+00	0.00E+00	9.09E+01	-1.38E+00	-4.13E+00	0.00E+00	1.60E-06	-3.94E-07	-3.33E-02	-1.14E-03	5.35E-01	0.00E+00	-4.13E+00	-1.89E-04	-4.13E+00	-3.60E+00	5.35E-01	0.00E+00	0.00E+00	0.00E+00	2.49E+03
FWB74S	-1.61E-01	4.96E+00	7.79E-01	4.18E+00	0.00E+00	0.00E+00	2.03E+02	-2.18E-02	-2.11E-03	-4.79E-02	0.00E+00	-4.25E-05	-8.88E-08	-1.93E-06	1.28E+00	-1.59E+01	0.00E+00	0.00E+00	7.74E+01	-1.52E-02	1.69E+02	0.00E+00	1.70E-06	-3.78E-07	-3.90E-02	-1.00E-05	1.56E+01	0.00E+00	1.69E+02	-6.75E-04	1.69E+02	1.85E+02	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.97E+03
FWB81D1	-6.45E-02	-1.12E+01	-1.86E-01	-1.11E+01	0.00E+00	0.00E+00	-3.97E+01	-4.03E-03	-9.80E-03	-1.16E-01	0.00E+00	-2.87E-04	-1.12E-07	-3.96E-07	-2.63E-01	-3.95E+01	0.00E+00	0.00E+00	-7.82E+01	-1.32E-01	-1.38E+02	0.00E+00	-5.08E-07	-1.03E-06	-5.87E-02	-1.09E-04	-1.16E+01	0.00E+00	-1.38E+02	-2.18E-04	-1.38E+02	-1.49E+02	-1.16E+01	0.00E+00	0.00E+00	0.00E+00	-3.28E+03
FWB81S	6.21E-02	1.44E+01	5.73E-01	1.38E+01	0.00E+00	0.00E+00	1.61E+02	3.20E-04	1.41E-02	1.38E-01	0.00E+00	1.80E-19	2.07E-08	3.66E-07	9.38E-01	7.00E-01	0.00E+00	0.00E+00	1.11E+02	1.03E-17	1.95E+02	0.00E+00	1.49E-06	6.36E-07	3.74E-02	0.00E+00	1.48E+01	0.00E+00	1.95E+02	4.54E-05	1.95E+02	2.10E+02	1.48E+01	0.00E+00	0.00E+00	0.00E+00	3.88E+03
FWQ32P1	-1.26E-03	1.85E-01	1.25E-01	5.92E-02	0.00E+00	0.00E+00	3.14E+01	-1.42E-03	2.98E-03	-7.68E-04	0.00E+00	2.17E-18	-3.74E-08	-2.05E-08	2.47E-01	-1.06E+01	0.00E+00	0.00E+00	4.28E+00	7.57E-18	1.74E+01	0.00E+00	2.98E-07	-1.73E-07	-9.82E-03	0.00E+00	7.24E-01	0.00E+00	1.74E+01	-6.56E-05	1.74E+01	1.81E+01	7.24E-01	0.00E+00	0.00E+00	0.00E+00	-6.85E+01
FWQ41P	-1.00E-02	4.16E+00	1.53E-01	4.00E+00	0.00E+00	0.00E+00	7.39E+01	-3.32E-03	3.10E-03	3.13E-02	0.00E+00	-6.21E-04	4.48E-09	-2.27E-07	2.36E-01	-2.14E+01	0.00E+00	0.00E+00	5.17E+01	-2.87E-01	6.05E+01	0.00E+00	6.97E-07	2.16E-07	8.36E-03	-2.36E-04	4.10E+00	0.00E+00	6.05E+01	-7.76E-05	6.05E+01	6.46E+01	4.10E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+03
FWQ42P1	-1.43E-01	-1.64E+01	-3.92E-01	-1.60E+01	0.00E+00	0.00E+00	-6.31E+01	-1.10E-02	-1.53E-02	-1.84E-01	0.00E+00	-1.11E-03	-1.22E-07	-1.22E-06	-6.21E-01	-1.01E+02	0.00E+00	0.00E+00	-9.36E+01	-5.15E-01	-1.94E+02	0.00E+00	-6.09E-07	-1.24E-06	-7.76E-02	-4.24E-04	-2.15E+01	0.00E+00	-1.94E+02	-4.20E-04	-1.94E+02	-2.16E+02	-2.15E+01	0.00E+00	0.00E+00	0.00E+00	-3.95E+03
FWQ43P	-1.57E-01	-1.29E+01	-2.29E-01	-1.27E+01	0.00E+00	0.00E+00	7.43E+00	-1.45E-02	-1.29E-02	-1.61E-01	0.00E+00	-1.61E-03	-1.18E-07	-1.47E-06	-3.48E-01	-1.22E+02	0.00E+00	0.00E+00	-4.81E+01	-7.43E-01	-1.38E+02	0.00E+00	2.51E-08	-1.09E-06	-7.27E-02	-6.12E-04	-1.80E+01	0.00E+00	-1.38E+02	-5.09E-04	-1.38E+02	-1.56E+02	-1.80E+01	0.00E+00	0.00E+00	0.00E+00	-2.44E+03
FWQ44P	-3.90E-02	-1.21E+01	-1.47E-01	-1.20E+01	0.00E+00	0.00E+00	7.62E+01	-4.69E-03	1.19E-03	-9.55E-02	0.00E+00	-2.10E-03	-1.16E-07	-1.25E-07	-2.81E-01	-1.38E+02	0.00E+00	0.00E+00	-5.22E+00	-9.71E-01	-1.21E+02	0.00E+00	3.93E-07	-9.08E-07	-5.81E-02	-8.00E-04	-1.60E+01	0.00E+00	-1.21E+02	-2.34E-04	-1.21E+02	-1.37E+02	-1.60E+01	0.00E+00	0.00E+00	0.00E+00	-8.74E+02
FWQ51P	-7.97E-02	-5.76E+00	6.34E-02	-5.83E+00	0.00E+00	0.00E+00	6.66E+00	-7.82E-03	-6.63E-03	-8.39E-02	0.00E+00	2.24E-18	-8.72E-08	-7.63E-07	1.90E-01	-9.90E+00	0.00E+00	0.00E+00	-3.42E+01	7.80E-18	-3.18E+01	0.00E+00	8.70E-08	-6.57E-07	-4.26E-02	0.00E+00	-1.60E+00	0.00E+00	-3.18E+01	-2.88E-04	-3.18E+01	-3.34E+01	-1.60E+00	0.00E+00	0.00E+00	0.00E+00	-1.70E+03
FWQ52P	-3.66E-02	-5.61E+00	1.15E-01	-5.72E+00	0.00E+00	0.00E+00	2.10E+01	-4.58E-03	9.92E-04	-6.47E-02	0.00E+00	-8.31E-05	-1.24E-07	-2.56E-07	2.82E-01	-3.25E+01	0.00E+00	0.00E+00	-4.11E+01	-2.97E-02	-4.61E+01	0.00E+00	1.81E-07	-8.60E-07	-4.83E-02	-1.95E-05	-4.86E+00	0.00E+00	-4.61E+01	-2.30E-04	-4.61E+01	-5.10E+01	-4.86E+00	0.00E+00	0.00E+00	0.00E+00	-2.12E+03
FWQ52P1	-8.42E-02	-1.96E+01	-4.27E-01	-1.92E+01	0.00E+00	0.00E+00	-5.45E+01	-5.19E-03	-9.17E-03	-1.81E-01	0.00E+00	-1.26E-03	-1.44E-07	-4.54E-07	-6.96E-01	-1.07E+02	0.00E+00	0.00E+00	-9.92E+01	-5.81E-01	-2.28E+02	0.00E+00	-7.12E-07	-1.39E-06	-8.31E-02	-4.79E-04	-2.34E+01	0.00E+00	-2.28E+02	-2.80E-04	-2.28E+02	-2.52E+02	-2.34E+01	0.00E+00	0.00E+00	0.00E+00	-4.19E+03
FWQ53P	-9.37E-02	-2.23E+01	-3.91E-01	-2.19E+01	0.00E+00	0.00E+00	-1.38E+01	-7.02E-03	-7.85E-03	-2.05E-01	0.00E+00	-1.82E-03	-1.93E-07	-4.84E-07	-6.13E-01	-1.08E+02	0.00E+00	0.00E+00	-9.38E+01	-8.38E-01	-2.46E+02	0.00E+00	-4.32E-07	-1.67E-06	-1.02E-01	-6.91E-04	-2.09E+01	0.00E+00	-2.46E+02	-3.68E-04	-2.46E+02	-2.66E+02	-2.09E+01	0.00E+00	0.00E+00	0.00E+00	-4.26E+03
FWQ54P	-5.98E-01	-4.27E+01	-4.87E-01	-4.22E+01	0.00E+00	0.00E+00	-1.71E+02	-3.19E-02	-4.34E-02	-5.24E-01	0.00E+00	-4.39E-05	-3.76E-07	-3.49E-06	-6.56E-01	-1.47E+02	0.00E+00	0.00E+00	-2.86E+02	-1.58E-02	-4.20E+02	0.00E+00	-1.87E-06	-3.65E-06	-2.25E-01	-1.05E-05	-4.15E+01	0.00E+00	-4.20E+02	-1.24E-03	-4.20E+02	-4.62E+02	-4.15E+01	0.00E+00	0.00E+00	0.00E+00	-1.20E+04
FWQ62P	-9.51E-02	2.48E+00	3.47E-01	2.14E+00	0.00E+00	0.00E+00	7.51E+01	-1.25E-02	-1.52E-03	-2.92E-02	0.00E+00	-8.31E-05	-7.56E-08	-1.15E-06	6.53E-01	-3.44E+01	0.00E+00	0.00E+00	1.27E+01	-2.97E-02	6.50E+01	0.00E+00	8.64E-07	-4.17E-07	-2.87E-02	-1.95E-05	1.95E+00	0.00E+00	6.50E+01	-4.03E-04	6.50E+01	6.69E+01	1.95E+00	0.00E+00	0.00E+00	0.00E+00	-1.66E+02
FWQ63P	-3.46E-01	-4.01E+01	-8.58E-01	-3.92E+01	0.00E+00	0.00E+00	-1.61E+02	-2.64E-02	-3.82E-02	-4.58E-01	0.00E+00	-2.09E-03	-3.47E-07	-2.87E-06	-1.28E+00	-2.09E+02	0.00E+00	0.00E+00	-2.59E+02	-9.67E-01	-4.90E+02	0.00E+00	-1.64E-06	-3.40E-06	-2.05E-01	-7.96E-04	-4.93E+01	0.00E+00	-4.90E+02	-1.06E-03	-4.90E+02	-5.39E+02	-4.93E+01	0.00E+00	0.00E+00	0.00E+00	-1.09E+04
FWQ64P	-6.90E-01	-5.05E+01	-5.76E-01	-4.99E+01	0.00E+00	0.00E+00	-2.00E+02	-3.66E-02	-5.10E-02	-6.15E-01	0.00E+00	-4.39E-05	-4.45E-07	-3.99E-06	-7.70E-01	-1.62E+02	0.00E+00	0.00E+00	-3.38E+02	-1.58E-02	-4.98E+02	0.00E+00	-2.21E-06	-4.31E-06	-2.66E-01	-1.05E-05	-4.76E+01	0.00E+00	-4.98E+02	-1.44E-03	-4.98E+02	-5.46E+02	-4.76E+01	0.00E+00	0.00E+00	0.00E+00	-1.41E+04
FWQ74P	4.23E-02	7.41E+00	4.39E-01	6.97E+00	0.00E+00	0.00E+00	2.42E+02	-3.53E-03	2.18E-02	8.37E-02	0.00E+00	-2.28E-03	-6.51E-08	3.51E-07	6.25E-01	-1.09E+02	0.00E+00	0.00E+00	1.20E+02	-1.04E+00	8.62E+01	0.00E+00	1.94E-06	-5.28E-08	-5.12E-03	-8.48E-04	3.64E+00	0.00E+00	8.62E+01	-1.47E-04	8.62E+01	8.99E+01	3.64E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+03
FWU31L	1.64E-02	4.06E+00	1.36E-01	3.92E+00	0.00E+00	0.00E+00	3.70E+01	7.25E-05	3.39E-03	3.81E-02	0.00E+00	1.69E-18	3.39E-09	8.05E-08	2.37E-01	7.83E+00	0.00E+00	0.00E+00	2.67E+01	5.85E-18	5.11E+01	0.00E+00	3.95E-07	1.75E-07	1.04E-02	0.00E+00	4.66E+00	0.00E+00	5.11E+01	1.37E-05	5.11E+01	5.58E+01	4.66E+00	0.00E+00	0.00E+00	0.00E+00	9.34E+02
FWU31S	-3.49E-02	1.61E+00	1.43E-01	1.47E+00	0.00E+00	0.00E+00	3.16E+01	-4.87E-03	-1.53E-04	-6.35E-03	0.00E+00	-3.26E-05	-2.82E-08	-4.50E-07	2.40E-01	-2.56E+00	0.00E+00	0.00E+00	9.56E+00	-1.17E-02	3.31E+01	0.00E+00	3.71E-07	-1.01E-07	-8.36E-03	-7.68E-06	2.71E+00	0.00E+00	3.31E+01	-1.50E-04	3.31E+01	3.58E+01	2.71E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+02
FWU31S1	-2.64E-02	-4.83E+00	-2.39E-02	-4.81E+00	0.00E+00	0.00E+00	1.77E-01	-2.24E-03	-3.04E-03	-4.92E-02	0.00E+00	-2.05E-04	-5.97E-08	-1.65E-07	-3.95E-02	-2.35E+01	0.00E+00	0.00E+00	-2.75E+01	-8.99E-02	-4.82E+01	0.00E+00	-5.72E-08	-4.81E-07	-2.82E-02	-7.13E-05	-4.59E+00	0.00E+00	-4.82E+01	-1.14E-04	-4.82E+01	-5.27E+01	-4.59E+00	0.00E+00	0.00E+00	0.00E+00	-1.27E+03

FWU32L	1.60E-02	2.85E+00	1.65E-01	2.69E+00	0.00E+00	0.00E+00	4.75E+01	8.86E-05	3.02E-03	3.30E-02	0.00E+00	1.99E-18	4.06E-09	1.02E-07	2.81E-01	-4.03E+01	0.00E+00	0.00E+00	3.28E+01	6.80E-18	5.64E+01	0.00E+00	4.26E-07	1.59E-07	9.28E-03	0.00E+00	-1.52E+00	0.00E+00	5.64E+01	1.36E-05	5.64E+01	5.49E+01	-1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+03
FWU32M2	-2.06E-02	-3.62E+00	1.02E-01	-3.72E+00	0.00E+00	0.00E+00	2.37E+01	-2.71E-03	1.16E-04	-3.49E-02	0.00E+00	-3.26E-05	-7.29E-08	-1.38E-07	2.03E-01	-8.02E+01	0.00E+00	0.00E+00	-1.77E+01	-1.17E-02	-1.78E+01	0.00E+00	1.75E-07	-5.13E-07	-2.78E-02	-7.68E-06	-1.08E+01	0.00E+00	-1.78E+01	-1.35E-04	-1.78E+01	-2.87E+01	-1.08E+01	0.00E+00	0.00E+00	0.00E+00	-1.02E+03
FWU32S	-8.71E-02	-7.42E-01	1.45E-01	-8.87E-01	0.00E+00	0.00E+00	2.42E+01	-9.89E-03	-3.70E-03	-5.08E-02	0.00E+00	-3.26E-05	-6.00E-08	-9.89E-07	2.90E-01	-1.25E+01	0.00E+00	0.00E+00	-1.17E+01	-1.17E-02	1.17E+01	0.00E+00	3.42E-07	-4.14E-07	-2.85E-02	-7.68E-06	5.18E-01	0.00E+00	1.17E+01	-3.21E-04	1.17E+01	1.22E+01	5.18E-01	0.00E+00	0.00E+00	0.00E+00	-8.19E+02
FWU33S	-5.40E-02	1.40E+01	5.60E-01	1.35E+01	0.00E+00	0.00E+00	1.37E+02	-1.13E-02	7.50E-03	7.55E-02	0.00E+00	3.11E-19	6.69E-09	-1.01E-06	9.32E-01	9.95E+00	0.00E+00	0.00E+00	9.27E+01	1.07E-17	1.95E+02	0.00E+00	1.51E-06	4.62E-07	2.00E-02	0.00E+00	1.58E+01	0.00E+00	1.95E+02	-2.85E-04	1.95E+02	2.11E+02	1.58E+01	0.00E+00	0.00E+00	0.00E+00	3.08E+03
FWU41L	-2.94E-02	-4.94E+00	-8.69E-02	-4.85E+00	0.00E+00	0.00E+00	-1.85E+01	-2.02E-03	-4.33E-03	-5.16E-02	0.00E+00	-1.59E-04	-5.59E-08	-1.95E-07	-1.11E-01	-1.43E+01	0.00E+00	0.00E+00	-3.70E+01	-7.36E-02	-6.18E+01	0.00E+00	-1.89E-07	-4.81E-07	-2.75E-02	-6.06E-05	-4.75E+00	0.00E+00	-6.18E+01	-1.05E-04	-6.18E+01	-6.65E+01	-4.75E+00	0.00E+00	0.00E+00	0.00E+00	-1.57E+03
FWU41S	-1.15E-01	-1.37E+01	-2.35E-01	-1.34E+01	0.00E+00	0.00E+00	-5.36E+01	-8.78E-03	-1.29E-02	-1.55E-01	0.00E+00	-4.29E-04	-1.22E-07	-9.51E-07	-3.36E-01	-9.86E+01	0.00E+00	0.00E+00	-9.02E+01	-1.98E-01	-1.55E+02	0.00E+00	-5.63E-07	-1.19E-06	-7.02E-02	-1.63E-04	-2.08E+01	0.00E+00	-1.55E+02	-3.58E-04	-1.55E+02	-1.76E+02	-2.08E+01	0.00E+00	0.00E+00	0.00E+00	-3.79E+03
FWU41S1	1.09E-02	7.24E+00	3.15E-01	6.93E+00	0.00E+00	0.00E+00	8.48E+01	-2.02E-03	5.77E-03	6.27E-02	0.00E+00	-4.56E-05	7.63E-09	-6.16E-08	5.21E-01	-4.48E+01	0.00E+00	0.00E+00	5.83E+01	-1.63E-02	1.06E+02	0.00E+00	8.20E-07	2.92E-07	1.68E-02	-1.07E-05	1.59E+00	0.00E+00	1.06E+02	-3.78E-05	1.06E+02	1.08E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+03
FWU42K	-4.90E-02	-3.70E+00	1.20E-01	-3.82E+00	0.00E+00	0.00E+00	2.53E+01	-5.47E-03	-3.84E-03	-5.05E-02	0.00E+00	3.12E-18	-9.10E-08	-4.53E-07	2.77E-01	-6.13E+01	0.00E+00	0.00E+00	-2.44E+01	1.09E-17	-1.76E+01	0.00E+00	2.36E-07	-6.25E-07	-3.60E-02	0.00E+00	-7.88E+00	0.00E+00	-1.76E+01	-2.23E-04	-1.76E+01	-2.55E+01	-7.88E+00	0.00E+00	0.00E+00	0.00E+00	-1.36E+03
FWU42K1	6.78E-03	1.17E+01	4.83E-01	1.13E+01	0.00E+00	0.00E+00	1.27E+02	-4.32E-03	8.73E-03	9.42E-02	0.00E+00	-3.26E-05	1.00E-08	-2.38E-07	8.13E-01	-4.60E+01	0.00E+00	0.00E+00	8.78E+01	-1.17E-02	1.67E+02	0.00E+00	1.29E-06	4.58E-07	2.54E-02	-7.68E-06	5.74E+00	0.00E+00	1.67E+02	-9.01E-05	1.67E+02	1.73E+02	5.74E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+03
FWU42K2	-1.37E-01	-1.64E+01	-1.77E-01	-1.62E+01	0.00E+00	0.00E+00	-6.63E+01	-1.08E-02	-1.58E-02	-1.91E-01	0.00E+00	-5.83E-18	-1.77E-07	-1.14E-06	-1.81E-01	-7.79E+01	0.00E+00	0.00E+00	-1.23E+02	-1.00E-17	-1.70E+02	0.00E+00	-6.22E-07	-1.58E-06	-9.28E-02	0.00E+00	-1.97E+01	0.00E+00	-1.70E+02	-4.57E-04	-1.70E+02	-1.90E+02	-1.97E+01	0.00E+00	0.00E+00	0.00E+00	-5.22E+03
FWU42K3	-9.94E-02	-2.05E+01	-3.16E-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	-6.20E-04	-1.77E-07	-5.97E-07	-4.62E-01	-1.95E+02	0.00E+00	0.00E+00	-1.22E+02	-2.83E-01	-2.22E+02	0.00E+00	-7.84E-07	-1.67E-06	-9.43E-02	-2.31E-04	-3.74E+01	0.00E+00	-2.22E+02	-3.40E-04	-2.22E+02	-2.60E+02	-3.74E+01	0.00E+00	0.00E+00	0.00E+00	-5.12E+03
FWU42L	1.99E-02	3.77E+00	1.41E-01	3.63E+00	0.00E+00	0.00E+00	5.88E+01	1.24E-04	3.69E-03	4.07E-02	0.00E+00	-3.17E-04	5.40E-09	1.29E-07	2.25E-01	-1.83E+00	0.00E+00	0.00E+00	4.20E+01	-1.47E-01	5.53E+01	0.00E+00	5.37E-07	2.24E-07	1.13E-02	-1.21E-04	5.12E+00	0.00E+00	5.53E+01	1.88E-05	5.53E+01	6.04E+01	5.12E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+03
FWU42M2	1.17E-03	1.03E+01	4.85E-01	9.86E+00	0.00E+00	0.00E+00	1.29E+02	-4.73E-03	7.57E-03	7.98E-02	0.00E+00	-3.26E-05	1.28E-08	-2.81E-07	8.22E-01	-3.02E+00	0.00E+00	0.00E+00	8.94E+01	-1.17E-02	1.72E+02	0.00E+00	1.32E-06	4.73E-07	2.25E-02	-7.68E-06	1.22E+01	0.00E+00	1.72E+02	-9.96E-05	1.72E+02	1.84E+02	1.22E+01	0.00E+00	0.00E+00	0.00E+00	3.04E+03
FWU42S1	-8.09E-02	-7.46E+00	9.05E-02	-7.55E+00	0.00E+00	0.00E+00	1.58E+01	-7.89E-03	-7.29E-03	-9.24E-02	0.00E+00	-3.92E-18	-9.99E-08	-7.37E-07	2.20E-01	-7.58E+01	0.00E+00	0.00E+00	-3.50E+01	-3.76E-18	-3.51E+01	0.00E+00	1.12E-07	-7.73E-07	-4.82E-02	0.00E+00	-1.08E+01	0.00E+00	-3.51E+01	-3.01E-04	-3.51E+01	-4.59E+01	-1.08E+01	0.00E+00	0.00E+00	0.00E+00	-1.80E+03
FWU43K	-8.03E-02	-8.13E+00	2.80E-03	-8.13E+00	0.00E+00	0.00E+00	4.97E+01	-8.38E-03	-7.21E-03	-9.30E-02	0.00E+00	-1.11E-03	-1.12E-07	-7.01E-07	3.06E-02	-6.31E+01	0.00E+00	0.00E+00	-1.54E+01	-5.01E-01	-6.08E+01	0.00E+00	3.73E-07	-7.81E-07	-5.23E-02	-4.08E-04	-6.19E+00	0.00E+00	-6.08E+01	-3.19E-04	-6.08E+01	-6.70E+01	-6.19E+00	0.00E+00	0.00E+00	0.00E+00	-1.17E+03
FWU43S	-7.98E-02	8.82E+00	3.77E-01	8.45E+00	0.00E+00	0.00E+00	1.59E+02	-1.33E-02	4.64E-03	3.98E-02	0.00E+00	-1.36E-03	7.90E-09	-1.18E-06	5.68E-01	-9.90E+01	0.00E+00	0.00E+00	1.09E+02	-6.21E-01	1.40E+02	0.00E+00	1.57E-06	3.70E-07	1.01E-02	-5.07E-04	1.96E+00	0.00E+00	1.40E+02	-3.43E-04	1.40E+02	1.42E+02	1.96E+00	0.00E+00	0.00E+00	0.00E+00	3.61E+03
FWU51L	1.47E-02	2.37E+00	1.37E-01	2.23E+00	0.00E+00	0.00E+00	5.01E+01	9.57E-05	2.72E-03	2.96E-02	0.00E+00	-1.59E-04	4.25E-09	1.08E-07	2.12E-01	-4.65E+01	0.00E+00	0.00E+00	3.42E+01	-7.36E-02	4.61E+01	0.00E+00	4.04E-07	1.47E-07	8.22E-03	-6.06E-05	-2.31E+00	0.00E+00	4.61E+01	1.27E-05	4.61E+01	4.38E+01	-2.31E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+03
FWU51S	-2.14E-02	-5.06E+00	1.31E-03	-5.06E+00	0.00E+00	0.00E+00	2.66E+01	-2.48E-03	-8.05E-04	-4.71E-02	0.00E+00	-5.25E-04	-6.69E-08	-1.11E-07	1.45E-02	-2.22E+01	0.00E+00	0.00E+00	-1.18E+01	-2.39E-01	-4.03E+01	0.00E+00	1.50E-07	-4.57E-07	-2.91E-02	-1.95E-04	-2.15E+00	0.00E+00	-4.03E+01	-1.22E-04	-4.03E+01	-4.25E+01	-2.15E+00	0.00E+00	0.00E+00	0.00E+00	-7.52E+02
FWU51S1	-2.71E-02	-6.40E+00	-1.45E-02	-6.38E+00	0.00E+00	0.00E+00	2.44E+01	-2.47E-03	-3.05E-03	-5.56E-02	0.00E+00	-4.92E-04	-6.70E-08	-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	6.56E-08	-5.19E-07	-3.16E-02	-1.87E-04	-1.00E+01	0.00E+00	-5.01E+01	-1.25E-04	-5.01E+01	-6.01E+01	-1.00E+01	0.00E+00	0.00E+00	0.00E+00	-8.71E+02
FWU52K	3.01E-02	9.40E+00	4.16E-01	8.99E+00	0.00E+00	0.00E+00	1.55E+02	-1.87E-03	8.69E-03	9.38E-02	0.00E+00	-6.95E-04	1.85E-08	9.20E-08	6.34E-01	-5.09E+01	0.00E+00	0.00E+00	1.08E+02	-3.16E-01	1.52E+02	0.00E+00	1.40E-06	5.27E-07	2.61E-02	-2.58E-04	6.95E+00	0.00E+00	1.52E+02	-1.55E-05	1.52E+02	1.59E+02	6.95E+00	0.00E+00	0.00E+00	0.00E+00	3.77E+03
FWU52K1	1.90E-02	3.95E+00	3.84E-01	3.56E+00	0.00E+00	0.00E+00	1.06E+02	-1.81E-03	6.71E-03	3.75E-02	0.00E+00	-3.26E-05	-4.58E-08	9.94E-08	6.67E-01	5.81E+00	0.00E+00	0.00E+00	5.06E+01	-1.17E-02	1.02E+02	0.00E+00	9.87E-07	2.37E-08	-1.72E-03	-7.68E-06	9.75E+00	0.00E+00	1.02E+02	-6.68E-05	1.02E+02	1.11E+02	9.75E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+03
FWU52K2	9.54E-03	1.04E+01	4.23E-01	9.99E+00	0.00E+00	0.00E+00	1.51E+02	-4.26E-03	8.29E-03	8.79E-02	0.00E+00	-6.83E-04	1.60E-08	-1.83E-07	6.62E-01	-8.64E+00	0.00E+00	0.00E+00	1.06E+02	-3.12E-01	1.60E+02	0.00E+00	1.46E-06	5.38E-07	2.46E-02	-2.55E-04	1.33E+01	0.00E+00	1.60E+02	-8.06E-05	1.60E+02	1.73E+02	1.33E+01	0.00E+00	0.00E+00	0.00E+00	3.67E+03
FWU52K3	5.75E-03	5.05E-01	1.67E-01	3.38E-01	0.00E+00	0.00E+00	8.12E+01	-1.88E-03	4.96E-03	1.88E-02	0.00E+00	-6.50E-04	-4.84E-08	4.58E-08	2.49E-01	-1.68E+02	0.00E+00	0.00E+00	3.18E+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	6.55E+00	-1.81E+01	0.00E+00	0.00E+00	0.00E+00	8.34E+02
FWU52L	2.36E-02	4.58E+00	1.81E-01	4.40E+00	0.00E+00	0.00E+00	7.07E+01	1.49E-04	4.40E-03	4.84E-02	0.00E+00	-3.17E-04	6.46E-09	1.55E-07	2.88E-01	7.02E-02	0.00E+00	0.00E+00	5.00E+01	-1.47E-01	6.83E+01	0.00E+00	6.33E-07	2.66E-07	1.35E-02	-1.21E-04	6.45E+00	0.00E+00	6.83E+01	2.18E-05	6.83E+01	7.47E+01	6.45E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+03
FWU52M2	-1.76E-01	-2.34E+01	-4.73E-01	-2.30E+01	0.00E+00	0.00E+00	-9.07E+01	-1.29E-02	-2.16E-02	-2.59E-01	0.00E+00	-1.07E-03	-2.23E-07	-1.36E-06	-6.78E-01	-8.58E+01	0.00E+00	0.00E+00	-1.59E+02	-4.96E-01	-2.89E+02	0.00E+00	-9.41E-07	-2.07E-06	-1.23E-01	-4.09E-04	-2.41E+01	0.00E+00	-2.89E+02	-5.62E-04	-2.89E+02	-3.13E+02	-2.41E+01	0.00E+00	0.00E+00	0.00E+00	-6.71E+03
FWU52S	6.19E-02	1.15E+01	3.95E-01	1.11E+01	0.00E+00	0.00E+00	1.67E+02	3.35E-04	1.70E-02	1.25E-01	0.00E+00	-9.81E-04	2.28E-08	4.23E-07	5.82E-01	-8.88E+01	0.00E+00	0.00E+00	1.17E+02	-4.53E-01	1.40E+02	0.00E+00	1.44E-06	5.63E-07	3.32E-02	-3.73E-04	2.12E+00	0.00E+00	1.40E+02	4.30E-05	1.40E+02	1.42E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	4.09E+03
FWU52S1	6.79E-02	1.50E+01	6.18E-01	1.44E+01	0.00E+00	0.00E+00	1.73E+02	3.43E-04	1.60E-02	1.48E-01	0.00E+00	-4.56E-05	2.33E-08	4.02E-07	1.03E+00	-4.15E+01	0.00E+00	0.00E+00	1.20E+02	-1.63E-02	2.10E+02	0.00E+00	1.61E-06	6.68E-07	4.03E-02	-1.07E-05	9.85E+00	0.00E+00	2.10E+02	4.93E-05	2.10E+02	2.20E+02	9.85E+00	0.00E+00	0.00E+00	0.00E+00	4.19E+03
FWU53D	-5.04E-02	-7.94E+00	6.25E-02	-8.00E+00	0.00E+00	0.00E+00	4.44E+01	-4.80E-03	-6.50E-03	-8.20E-02	0.00E+00	-5.57E-04	-1.22E-07	-2.87E-07	1.20E-01	-7.42E+01	0.00E+00	0.00E+00	-3.31E+01	-2.49E-01	-7.52E+01	0.00E+00	1.42E-07	-9.54E-07	-5.55E-02	-2.00E-04	-9.76E+00	0.00E+00	-7.52E+01	-2.45E-04	-7.52E+01	-8.50E+01	-9.76E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E+03
FWU53K	-8.53E-02	-7.61E+00	3.81E-02	-7.64E+00	0.00E+00	0.00E+00	6.64E+01	-9.14E-03	-6.42E-03	-8.44E-02	0.00E+00	-1.14E-03	-1.22E-07	-7.31E-07	8.18E-02	-2.03E+02	0.00E+00	0.00E+00	-1.81E+01	-5.26E-01	-7.34E+01	0.00E+00	4.15E-07	-9.83E-07	-5.71E-02	-4.34E-04	-2.58E+01	0.00E+00	-7.34E+01	-3.63E-04	-7.34E+01	-9.92E+01	-2.58E+01	0.00E+00	0.00E+00	0.00E+00	-1.38E+03
FWU53L	3.92E-02	9.77E+00	2.75E-01	9.49E+00	0.00E+00	0.00E+00	1.03E+02	2.11E-04	8.34E-03	9.40E-02	0.00E+00	-4.76E-04	9.73E-09	2.27E-07	4.35E-01	2.22E+00	0.00E+00	0.00E+00	7.30E+01	-2.20E-01	1.02E+02	0.00E+00	9.74E-07	4.15E-07	2.47E-02	-1.81E-04	9.79E+00	0.00E+00	1.02E+02	3.05E-05	1.02E+02	1.12E+02	9.79E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+03
FWU61L	1.76E-02	2.97E+00	1.67E-01	2.81E+00	0.00E+00	0.00E+00	5.89E+01	1.18E-04	3.25E-03	3.55E-02	0.00E+00	-1.59E-04	5.17E-09	1.27E-07	2.58E-01	-4.51E+01	0.00E+00	0.00E+00	4.02E+01	-7.36E-02	5.58E+01	0.00E+00	4.76E-07	1.79E-07	9.89E-03	-6.06E-05	-1.33E+00	0.00E+00	5.58E+01	1.52E-05	5.58E+01	5.45E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+03
FWU61S	-6.62E-02	-3.61E+00	1.37E-01	-3.74E+00	0.00E+00	0.00E+00	2.94E+01	-7.28E-03	-4.60E-03	-6.07E-02	0.00E+00	-3.26E-05	-7.27E-08	-6.68E-07	2.75E-01	-1.04E+01	0.00E+00	0.00E+00	-1.52E+01	-1.17E-02	-1.64E+00	0.00E+00	2.89E-07	-5.10E-07	-3.43E-02	-7.68E-06	4.43E-01	0.00E+00	-1.64E+00	-2.60E-04	-1.64E+00	-1.20E+00	4.43E-01	0.00E+00	0.00E+00	0.00E+00	-9.84E+02
FWU62K	-5.62E-02	-6.23E+00	6.77E-02	-6.30E+00	0.00E+00	0.00E+00	5.63E+01	-6.15E-03	-4.64E-03	-6.13E-02	0.00E+00	-7.37E-04	-1.00E-07	-4.44E-07	1.08E-01	-1.96E+02	0.00E+00	0.00E+00	-1.47E+01	-3.40E-01	-5.26E+01	0.00E+00	3.26E-07	-8.08E-07	-4.49E-02	-2.81E-04	-2.56E+01	0.00E+00	-5.26E+01	-2.60E-04	-5.26E+01	-7.82E+01	-2.56E+01	0.00E+00	0.00E+00	0.00E+00	-1.11E+03
FWU62K1	-1.42E-01	-2.88E+01	-4.31E-01	-2.83E+01	0.00E+00	0.00E+00	-8.63E+01	-9.12E-03	-2.09E-02	-2.84E-01	0.00E+00	-7.37E-04	-2.53E-07	-8.62E-07	-6.03E-01	-7.04E+01	0.00E+00	0.00E+00	-1.70E+02	-3.40E-01	-2.99E+02	0.00E+00	-1.05E-06	-2.27E-06	-1.36E-01	-2.81E-04	-2.29E+01	0.00E+00	-2.99E+02	-4.81E-04	-2.99E+02	-3.22E+02	-2.29E+01	0.00E+00	0.00E+00	0.00E+00	-7.18E+03
FWU62K2	-9.56E-02	-9.15E+00	-1.04E-02	-9.14E+00	0.00E+00	0.00E+00	2.70E+01	-9.33E-03	-8.34E-03	-1.06E-01	0.00E+00	-7.70E-04	-1.34E-07	-8.31E-07	-1.03E-03	-1.65E+02	0.00E+00	0.00E+00	-4.28E+01	-3.52E-01	-8.95E+01	0.00E+00	1.36E-07	-1.06E-06	-6.19E-02	-2.88E-04	-2.35E+01	0.00E+00	-8.95E+01	-3.71E-04	-8.95E+01	-1.13E+02	-2.35E+01	0.00E+00	0.00E+00	0.00E+00	-2.23E+03
FWU62L	-6.14E-02	-1.16E+01	-1.19E-01	-1.15E+01	0.00E+00	0.00E+00	-3.58E+01	-3.94E-03	-9.91E-03	-1.18E-01	0.00E+00	3.04E-19	-1.09E-07	-3.83E-07	-1.19E-01	-1.85E+01	0.00E+00	0.00E+00	-7.37E+01	1.16E-18	-1.11E+02	0.00E+00	-4.33E-07	-9.65E-07	-5.74E-02	0.00E+00	-8.01E+00	0.00E+00	-1.11E+02	-2.08E-04	-1.11E+02	-1.19E+02	-8.01E+00	0.00E+00	0.00E+00	0.00E+00	-3.11E+03
FWU62M2	-1.11E-01	-4.92E+00	1.74E-01	-5.09E+00	0.00E+00	0.00E+00	2.76E+01	-1.20E-02	-7.27E-03	-9.49E-02	0.00E+00	-3.26E-05	-1.43E-07	-1.12E-06	4.20E-01	-3.35E+01	0.00E+00	0.00E+00	-4.51E+01	-1.17E-02	-3.02E+01	0.00E+00	3.52E-07	-9.97E-07	-6.04E-02	-7.68E-06	-3.66E+00	0.00E+00	-3.02E+01	-4.48E-04	-3.02E+01	-3.39E+01	-3.66E+00	0.00E+00	0.00E+00	0.00E+00	-2.42E+03
FWU62M3	-2.18E-02	-3.55E+00	9.94E-02	-3.65E+00	0.00E+00	0.00E+00	6.82E+01	-3.76E-03	7.46E-04	-3.00E-02	0.00E+00	-8.41E-04	-1.00E-07	-1.28E-07	1.54E-01	-1.21E+02	0.00E+00	0.00E+00	-1.70E-01	-3.84E-01	-3.17E+01	0.00E+00	5.00E-07	-6.25E-07	-3.48E-02	-3.14E-04	-1.34E+01	0.00E+00	-3.17E+01	-1.82E-04	-3.17E+01	-4.51E+01	-1.34E+01	0.00E+00	0.00E+00	0.00E+00	-5.41E+02
FWU62N	-5.34E-02	-8.79E+00	-1.22E-01	-8.67E+00	0.00E+00	0.00E+00	3.40E+01	-4.95E-03	-6.79E-03	-8.46E-02	0.00E+00	-1.34E-03	-1.34E-07	-3.14E-07	-1.91E-01	-7.81E+01	0.00E+00	0.00E+00	-3.72E+01	-6.16E-01	-1.19E+02	0.00E+00	1.58E-07	-9.93E-07	-5.79E-02	-5.06E-04	-1.10E+01	0.00E+00	-1.19E+02	-2.50E-04	-1.19E+02	-1.30E+02	-1.10E+01	0.00E+00	0.00E+00	0.00E+00	-2.02E+03
FWU62S	-2.39E-02	1.45E+01	4.42E-01	1.41E+01	0.00E+00	0.00E+00	1.74E+02	-8.75E-03	9.84E-03	1.04E-01	0.00E+00	-1.19E-03	1.56E-08	-6.37E-07	6.68E-01	-4.12E+01	0.00E+00	0.00E+00	1.21E+02	-5.45E-01	1.66E+02	0.00E+00	1.73E-06	5.53E-07	2.64E-02	-4.47E-04	1.12E+01	0.00E+00	1.66E+02	-2.08E-04	1.66E+02	1.77E+02	1.12E+01	0.00E+00	0.00E+00	0.00E+00	4.08E+03
FWU62S1	-2.03E-01	-3.23E+01	-5.68E-01	-3.17E+01	0.00E+00	0.00E+00	-1.07E+02	-1.37E-02	-2.81E-02	-3.35E-01	0.00E+00	-1.20E-03	-2.64E-07	-1.44E-06	-8.50E-01	-1.08E+02	0.00E+00	0.00E+00	-1.89E+02	-5.50E-01	-3.53E+02	0.00E+00	-1.26E-06	-2.51E-06	-1.52E-01	-4.50E-04	-3.00E+01	0.00E+00	-3.53E+02	-6.26E-04	-3.53E+02	-3.83E+02	-3.00E+01	0.00E+00	0.00E+00	0.00E+00	-7.96E+03
FWU63N	-7.63E-02	-1.43E+01	2.08E-01	-1.45E+01	0.00E+00	0.00E+00	5.47E+01	-7.24E-03	-1.10E-02	-1.40E-01	0.00E+00	-8.08E-05	-1.96E-07	-4.61E-07	4.94E-01	-1.03E+02	0.00E+00	0.00E+00	-5.48E+01	-2.88E-02	-6.59E+01	0.00E+00	2.85E-07	-1.41E-06	-8.52E-02	-1.90E-05	-1.37E+01	0.00E+00	-6.59E+01	-3.62E-04	-6.59E+01	-7.96E+01	-1.37E+01	0.00E+00	0.00E+00	0.00E+00	-2.98E+03
FWU63S	-1.69E-01	-5.87E+00	3.79E-01	-6.25E+00	0.00E+00	0.00E+00	8.05E+01	-1.91E-02	-9.47E-03	-1.28E-01	0.00E+00	-8.08E-05	-1.49E-07	-1.80E-06	7.84E-01	-4.33E+01	0.00E+00	0.00E+00	-1.85E+01	-2.88E-02	2.76E+01	0.00E+00	8.37E-07	-1.03E-06	-7.16E-02	-1.90E-05	2.00E-01	0.00E+00	2.76E+01	-6.50E-04	2.76E+01	2.78E+01	2.00E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+03
FWU63S1	-5.87E-02	-7.69E+00	2.58E-01	-7.94E+00	0.00E+00	0.00E+00	6.00E+01	-7.29E-03	-2.84E-03	-9.14E-02	0.00E+00	-9.37E-05	-1.97E-07	-4.09E-07	5.78E-01	-4.65E+01	0.00E+00	0.00E+00	-4.98E+01	-3.35E-02	-4.83E+01	0.00E+00	4.66E-07	-1.30E-06	-7.42E-02	-2.20E-05	-4.81E+00	0.00E+00	-4.83E+01	-3.62E-04	-4.83E+01	-5.31E+01	-4.81E+00	0.00E+00	0.00E+00	0.00E+00	-2.81E+03
FWU71L	-5.54E-02	-1.13E+01	-1.48E-01	-1.12E+01	0.00E+00	0.00E+00	-3.25E+01	-3.23E-03	-9.15E-03	-1.09E-01	0.00E+00	-1.59E-04	-8.97E-08	-3.20E-07	-2.09E-01	-7.13E+01	0.00E+00	0.00E+00	-6.38E+01	-7.36E-02	-1.12E+02	0.00E+00	-4.62E-07	-8.64E-07	-5.05E-02	-6.06E-05	-1.52E+01	0.00E+00	-1.12E+02	-1.75E-04	-1.12E+02	-1.27E+02	-1.52E+01	0.00E+00	0.00E+00	0.00E+00	-2.66E+03
FWU71S	9.98E-03	1.29E+01	5.16E-01	1.24E+01	0.00E+00	0.00E+00	1.38E+02	-4.30E-03	9.22E-03	9.96E-02	0.00E+00	-4.08E-19	1.40E-08	-2.14E-07	8.48E-01	2.05E+01	0.00E+00	0.00E+00	9.50E+01	8.21E-18	1.79E+02	0.00E+00	1.37E-06	5.24E-07	2.71E-02	0.00E+00	1.63E+01	0.00E+00	1.79E+02	-8.74E-05	1.79E+02	1.96E+02	1.63E+01	0.00E+00	0.00E+00	0.00E+00	3.26E+03
FWU71S1	-3.28E-02	-6.58E+00	1.27E-01	-6.71E+00	0.00E+00	0.00E+00	3.60E+01	-3.39E-03	-3.63E-03	-6.40E-02	0.00E+00	-4.56E-05	-9.16E-08	-1.82E-07	2.52E-01	-5.75E+01	0.00E+00	0.00E+00	-1.98E+01	-1.63E-02	-2.71E+01	0.00E+00	1.55E-07	-6.52E-07	-3.95E-02	-1.07E-05	-7.06E+00	0.00E+00	-2.71E+01	-1.70E-04	-2.71E+01	-3.42E+01	-7.06E+00	0.00E+00	0.00E+00	0.00E+00	-1.16E+03
FWU72K1	8.32E-02	1.60E+01	7.59E-01	1.52E+01	0.00E+00	0.00E+00	2.17E+02	4.48E-04	1.78E-02	1.64E-01	0.00E+00	8.92E-18	2.45E-08	4.97E-07	1.27E+00	-2.82E+01	0.00E+00	0.00E+00	1.52E+02	3.05E-17	2.70E+02	0.00E+00	2.03E-06	8.65E-07	4.69E-02	0.00E+00	1.59E+01	0.00E+00	2.70E+02	7.18E-05	2.70E+02	2.86E+02	1.59E+01	0.00E+00	0.00E+00	0.00E+00	5.37E+03
FWU72L	-6.97E-02	-1.30E+01	-1.99E-01	-1.28E+01	0.00E+00	0.00E+00	-4.27E+01	-4.50E-03	-1.08E-02	-1.28E-01	0.00E+00	-3.17E-04	-1.25E-07	-4.40E-07	-2.66E-01	-8.01E+01	0.00E+00	0.00E+00	-8.48E+01	-1.47E-01	-1.45E+02	0.00E+00	-5.01E-07	-1.13E-06	-6.46E-02	-1.21E-04	-1.79E+01	0.00E+00	-1.45E+02	-2.38E-04	-1.45E+02	-1.63E+02	-1.79E+01	0.00E+00	0.00E+00	0.00E+00	-3.57E+03
FWU72M2	7.66E-02	1.26E+01	5.04E-01	1.21E+01	0.00E+00	0.00E+00	2.26E+02	4.68E-04	1.76E-02	1.44E-01	0.00E+00	-1.43E-03	3.06E-08	5.38E-07	7.62E-01	-6.92E+01	0.00E+00	0.00E+00	1.60E+02	-6.56E-01	1.91E+02	0.00E+00	1.97E-06	7.85E-07	4.02E-02	-5.39E-04	1.04E+01	0.00E+00	1.91E+02	6.55E-05	1.91E+02	2.01E+02	1.04E+01	0.00E+00	0.00E+00	0.00E+00	5.60E+03
FWU72N	-3.73E-02	-7.10E+00	-5.89E-03	-7.09E+00	0.00E+00	0.00E+00	7.61E+01	-4.48E-03	-4.38E-03	-5.83E-02	0.00E+00	-1.40E-03	-1.10E-07	-1.97E-07	-4.76E-03	-1.28E+02	0.00E+00	0.00E+00	-4.33E+00	-6.47E-01	-7.01E+01	0.00E+00	5.02E-07	-7.96E-07	-4.75E-02	-5.33E-04	-1.44E+01	0.00E+00	-7.01E+01	-2.18E-04	-7.01E+01	-8.45E+01	-1.44E+01	0.00E+00	0.00E+00	0.00E+00	-8.06E+02
FWU72S	-1.65E-01	-1.69E+01	-6.88E-02	-1.69E+01	0.00E+00	0.00E+00	1.46E+01	-1.49E-02	-1.56E-02	-1.94E-01	0.00E+00	-8.55E-04	-1.69E-07	-1.45E-06	-6.57E-02	-2.06E+02	0.00E+00	0.00E+00	-6.77E+01	-3.95E-01	-1.34E+02	0.00E+00	-7.87E-08	-1.47E-06	-9.20E-02	-3.25E-04	-3.08E+01	0.00E+00	-1.34E+02	-5.61E-04	-1.34E+02	-1.65E+02	-3.08E+01	0.00E+00	0.00E+00	0.00E+00	-3.30E+03
FWU73D	-5.63E-02	-6.72E+00	2.45E-01	-6.97E+00	0.00E+00	0.00E+00	6.68E+01	-6.30E-03	-6.52E-03	-8.47E-02	0.00E+00	-8.08E-05	-1.60E-07	-3.62E-07	4.60E-01	-5.90E+00	0.00E+00	0.00E+00	-3.75E+01	-2.88E-02	-4.40E+01	0.00E+00	3.64E-07	-1.12E-06	-6.60E-02	-1.90E-05	1.52E+00	0.00E+00	-4.40E+01	-3.15E-04	-4.40E+01	-4.25E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	-2.19E+03
FWU73L	-9.81E-02	-1.67E+01	-2.87E-01	-1.65E+01	0.00E+00	0.00E+00	-6.08E+01	-6.33E-03	-1.47E-02	-1.75E-01	0.00E+00	-4.76E-04	-1.75E-07	-6.18E-07	-3.94E-01	-4.58E+01	0.00E+00	0.00E+00	-1.20E+02	-2.20E-01	-2.09E+02	0.00E+00	-7.28E-07	-1.57E-06	-9.00E-02	-1.81E-04	-1.56E+01	0.00E+00	-2.09E+02	-3.38E-04	-2.09E+02	-2.25E+02	-1.56E+01	0.00E+00	0.00E+00	0.00E+00	-5.07E+03
FWU73N	-7.66E-02	-9.96E+00	2.71E-01	-1.02E+01	0.00E+00	0.00E+00	6.42E+01	-8.33E-03	-8.61E-03	-1.11E-01	0.00E+00	-8.08E-05	-2.25E-07	-5.25E-07	6.16E-01	-1.10E+02	0.00E+00	0.00E+00	-6.16E+01	-2.88E-02	-6.45E+01	0.00E+00	4.56E-07	-1.55E-06	-8.72E-02	-1.90E-05	-1.44E+01	0.00E+00	-6.45E+01	-4.16E-04	-6.45E+01	-7.89E+01	-1.44E+01	0.00E+00	0.00E+00	0.00E+00	-3.40E+03
FWU73S	-4.37E-02	-1.17E+01	1.61E-01	-1.18E+01	0.00E+00	0.00E+00	1.21E+02	-6.18E-03	9.40E-04	-1.02E-01	0.00E+00	-1.36E-03	-1.51E-07	-1.57E-07	2.32E-01	-1.24E+02	0.00E+00	0.00E+00	2.00E+00	-6.21E-01	-6.57E+01	0.00E+00	6.53E-07	-1.08E-06	-6.91E-02	-5.07E-04	-1.11E+01	0.00E+00	-6.57E+01	-3.05E-04	-6.57E+01	-7.68E+01	-1.11E+01	0.00E+00	0.00E+00	0.00E+00	-7.87E+02
FWU73S1	1.25E-01	2.76E+01	1.18E+00	2.64E+01	0.00E+00	0.00E+00	3.34E+02	6.66E-04	2.83E-02	2.69E-01	0.00E+00	-9.37E-05	4.53E-08	7.64E-07	1.90E+00	-3.30E+01	0.00E+00	0.00E+00	2.30E+02	-3.35E-02	3.93E+02	0.00E+00	3.00E-06	1.27E-06	7.35E-02	-2.20E-05	2.56E+01	0.00E+00	3.93E+02	9.22E-05	3.93E+02	4.19E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	8.05E+03
FZ005N	4.73E-03	9.90E-01	5.97E-02	9.31E-01	0.00E+00	0.00E+00	1.71E+01	-2.77E-05	8.99E-04	9.75E-03	0.00E+00	-8.31E-05	-1.61E-10	3.36E-08	8.13E-02	1.16E+00	0.00E+00	0.00E+00	1.14E+01	-2.97E-02	1.69E+01	0.00E+00	1.46E-07	4.92E-08	2.33E-03	-1.95E-05	1.71E+00	0.00E+00	1.69E+01	1.40E-06	1.69E+01	1.86E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	3.95E+02
FZ006N	-2.77E-02	-5.26E+00	-5.61E-02	-5.20E+00	0.00E+00	0.00E+00	-1.61E+01	-1.68E-03	-4.52E-03	-5.39E-02	0.00E+00	2.53E-20	-4.65E-08	-1.65E-07	-7.05E-02	-8.44E+00	0.00E+00	0.00E+00	-3.26E+01	9.68E-20	-5.19E+01	0.00E+00	-2.24E-07	-4.27E-07	-2.54E-02	0.00E+00	-3.66E+00	0.00E+00	-5.19E+01	-9.03E-05	-5.19E+01	-5.56E+01	-3.66E+00	0.00E+00	0.00E+00	0.00E+00	-1.36E+03
FZ010N	-3.79E-02	-7.23E+00	-7.88E-02	-7.15E+00	0.00E+00	0.00E+00	-2.29E+01	-2.26E-03	-6.21E-03	-7.39E-02	0.00E+00	-8.31E-05	-6.28E-08	-2.23E-07	-1.17E-01	-1.19E+01	0.00E+00	0.00E+00	-4.42E+01	-2.97E-02	-7.29E+01	0.00E+00	-3.10E-07	-5.81E-07	-3.47E-02	-1.95E-05	-5.07E+00	0.00E+00	-7.29E+01	-1.22E-04	-7.29E+01	-7.80E+01	-5.07E+00	0.00E+00	0.00E+00	0.00E+00	-1.85E+03
FZ011N	7.32E-03	1.56E+00	7.87E-02	1.48E+00	0.00E+00	0.00E+00	2.33E+01	4.75E-05	1.37E-03	1.51E-02	0.00E+00	-4.05E-05	3.92E-09	5.07E-08	1.18E-01	3.61E+00	0.00E+00	0.00E+00	1.59E+01	-1.45E-02	2.48E+01	0.00E+00	1.91E-07	8.29E-08	4.22E-03	-9.54E-06	2.59E+00	0.00E+00	2.48E+01	5.93E-06	2.48E+01	2.74E+01	2.59E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+02
FZ014N	1.85E-02	3.99E+00	1.96E-01	3.79E+00	0.00E+00	0.00E+00	5.81E+01	1.17E-04	3.49E-03	3.84E-02	0.00E+00	2.25E-18	9.35E-09	1.25E-07	3.12E-01	1.05E+01	0.00E+00	0.00E+00	3.91E+01	7.63E-18	6.41E+01	0.00E+00	4.77E-07	2.09E-07	1.08E-02	0.00E+00	6.66E+00	0.00E+00	6.41E+01	1.50E-05	6.41E+01	7.07E+01	6.66E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+03
FZ021N	1.09E-02	2.30E+00	1.16E-01	2.19E+00	0.00E+00	0.00E+00	3.41E+01	7.02E-05	2.04E-03	2.24E-02	0.00E+00	-8.31E-05	5.81E-09	7.47E-08	1.70E-01	5.02E+00	0.00E+00	0.00E+00	2.35E+01	-2.97E-02	3.65E+01	0.00E+00	2.86E-07	1.24E-07	6.28E-03	-1.95E-05	3.78E+00	0.00E+00	3.65E+01	9.02E-06	3.65E+01	4.03E+01	3.78E+00	0.00E+00	0.00E+00	0.00E+00	8.29E+02
FZ026N	-3.16E-02	-5.99E+00	-6.41E-02	-5.93E+00	0.00E+00	0.00E+00	-1.84E+01	-1.91E-03	-5.16E-03	-6.14E-02	0.00E+00	2.53E-20	-5.30E-08	-1.88E-07	-8.09E-02	-9.54E+00	0.00E+00	0.00E+00	-3.72E+01	9.68E-20	-5.92E+01	0.00E+00	-2.56E-07	-4.87E-07	-2.90E-02	0.00E+00	-4.16E+00	0.00E+00	-5.92E+01	-1.03E-04	-5.92E+01	-6.34E+01	-4.16E+00	0.00E+00	0.00E+00	0.00E+00	-1.55E+03
FZ402	3.67E-04	8.40E-02	1.37E-03	8.27E-02	0.00E+00	0.00E+00	1.83E-01	6.71E-07	7.46E-05	8.57E-04	0.00E+00	2.20E-20	2.77E-11	4.36E-10	3.22E-03	-2.39E-01	0.00E+00	0.00E+00	2.63E-01	8.40E-20	9.71E-01	0.00E+00	7.89E-09	3.70E-09	2.45E-04	0.00E+00	-1.06E-03	0.00E+00	9.71E-01	4.54E-07	9.71E-01	9.70E-01	-1.06E-03	0.00E+00	0.00E+00	0.00E+00	9.41E+00
FZ403	-8.02E-06	-1.14E-03	1.75E-05	-1.16E-03	0.00E+00	0.00E+00	-5.17E-03	-1.20E-06	-6.76E-07	-9.32E-06	0.00E+00	1.10E-21	-3.25E-11	-1.04E-10	1.77E-04	-2.36E-03	0.00E+00	0.00E+00	-1.32E-02	4.20E-21	5.06E-03	0.00E+00	1.98E-10	-1.79E-10	-1.01E-05	0.00E+00	-5.77E-04	0.00E+00	5.06E-03	-5.24E-08	5.06E-03	4.48E-03	-5.77E-04	0.00E+00	0.00E+00	0.00E+00	-7.34E-01
FZ708D	-2.05E-01	-2.77E+01	-3.01E-01	-2.74E+01	0.00E+00	0.00E+00	-8.51E+01	-8.75E-03	-2.39E-02	-2.85E-01	0.00E+00	0.00E+00	-2.43E-07	-8.58E-07	-3.93E-01	-4.12E+01	0.00E+00	0.00E+00	-1.72E+02	0.00E+00	-2.77E+02	0.00E+00	-1.22E-06	-2.25E-06	-1.34E-01	0.00E+00	-1.89E+01	0.00E+00	-2.77E+02	-4.74E-04	-2.77E+02	-2.96E+02	-1.89E+01	0.00E+00	0.00E+00	0.00E+00	-7.16E+03
HK1000AB	-2.79E-01	-1.31E+00	-3.72E-02	-1.27E+00	0.00E+00	0.00E+00	-4.41E+01	-1.80E-02	-7.93E-03	-1.01E-01	0.00E+00	0.00E+00	-2.22E-08	-2.10E-06	-3.72E-02	-1.55E+01	0.00E+00	0.00E+00	-3.43E+01	0.00E+00	-1.44E+01	0.00E+00	-7.62E-08	-3.34E-07	-2.88E-02	0.00E+00	-3.52E+00	0.00E+00	-1.44E+01	-5.18E-04	-1.44E+01	-1.79E+01	-3.52E+00	0.00E+00	0.00E+00	0.00E+00	-1.47E+03
JP002	-5.78E-05	-2.43E-02	-4.73E-03	-1.96E-02	0.00E+00	0.00E+00	-1.20E-01	-1.29E-07	-3.17E-06	-1.68E-05	0.00E+00	-2.31E-05	-3.57E-12	-1.24E-10	-8.08E-03	-8.83E-01	0.00E+00	0.00E+00	3.82E-03	-1.07E-02	-1.18E+00	0.00E+00	3.91E-10	-8.05E-10	-3.36E-05	-8.77E-06	-1.35E-01	0.00E+00	-1.18E+00	-1.00E-10	-1.18E+00	-1.31E+00	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-8.17E-01
JP011	-6.28E-05	-3.00E-02	-2.66E-03	-2.74E-02	0.00E+00	0.00E+00	-7.33E-02	-6.58E-08	-1.27E-05	-1.41E-04	0.00E+00	-1.25E-05	-4.33E-12	-9.34E-11	-4.54E-03	-4.85E-01	0.00E+00	0.00E+00	-5.68E-03	-5.77E-03	-6.75E-01	0.00E+00	-2.04E-10	-6.49E-10	-4.79E-05	-4.75E-06	-7.53E-02	0.00E+00	-6.75E-01	-3.91E-09	-6.75E-01	-7.51E-01	-7.53E-02	0.00E+00	0.00E+00	0.00E+00	-6.76E-01
JP015	-8.82E-05	-4.23E-02	-3.73E-03	-3.85E-02	0.00E+00	0.00E+00	-1.03E-01	-9.54E-08	-1.79E-05	-1.99E-04	0.00E+00	-1.75E-05	-6.11E-12	-1.31E-10	-6.37E-03	-6.91E-01	0.00E+00	0.00E+00	-8.90E-03	-8.07E-03	-9.48E-01	0.00E+00	-3.06E-10	-9.18E-10	-6.73E-05	-6.65E-06	-1.07E-01	0.00E+00	-9.48E-01	-5.48E-09	-9.48E-01	-1.06E+00	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	-9.57E-01
KU33AHE	-4.27E-02	-9.22E-01	-3.05E-02	-8.91E-01	0.00E+00	0.00E+00	-1.06E+01	-4.28E-03	-1.45E-03	-2.53E-02	0.00E+00	-1.15E-04	-5.29E-09	-4.94E-07	-4.85E-02	-4.24E+01	0.00E+00	0.00E+00	-7.88E+00	-5.29E-02	-9.37E+00	0.00E+00	-1.65E-08	-9.91E-08	-7.24E-03	-4.36E-05	-6.46E+00	0.00E+00	-9.37E+00	-1.23E-04	-9.37E+00	-1.58E+01	-6.46E+00	0.00E+00	0.00E+00	0.00E+00	-3.43E+02
KU33AHZ	-4.65E-01	4.39E+00	1.79E-02	4.37E+00	0.00E+00	0.00E+00	-1.07E+02	-4.94E-02	-1.51E-02	-2.01E-01	0.00E+00	2.19E-18	-6.33E-08	-5.74E-06	2.34E-01	-3.64E+01	0.00E+00	0.00E+00	-7.47E+01	8.37E-18	4.34E+01	0.00E+00	5.04E-07	-6.31E-07	-5.90E-02	0.00E+00	-5.93E+00	0.00E+00	4.34E+01	-1.45E-03	4.34E+01	3.74E+01	-5.93E+00	0.00E+00	0.00E+00	0.00E+00	-3.42E+03
KU33LHE	7.21E-03	7.24E-01	2.09E-02	7.03E-01	0.00E+00	0.00E+00	3.35E+00	8.26E-06	3.87E-03	7.22E-03	0.00E+00	1.92E-19	5.90E-10	4.02E-08	3.09E-02	1.60E+00	0.00E+00	0.00E+00	3.64E+00	7.30E-19	8.62E+00	0.00E+00	6.95E-08	3.65E-08	2.27E-03	0.00E+00	6.69E-01	0.00E+00	8.62E+00	3.02E-06	8.62E+00	9.29E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
KU33OHZGB	-4.09E-01	-6.58E+00	-6.39E-02	-6.52E+00	0.00E+00	0.00E+00	-9.62E+01	-4.13E-02	-1.33E-02	-2.39E-01	0.00E+00	2.44E-19	-5.07E-08	-4.76E-06	-7.35E-02	-3.09E+02	0.00E+00	0.00E+00	-7.57E+01	8.68E-19	-3.23E+01	0.00E+00	-1.64E-07	-8.86E-07	-6.72E-02	0.00E+00	-4.75E+01	0.00E+00	-3.23E+01	-1.19E-03	-3.23E+01	-7.98E+01	-4.75E+01	0.00E+00	0.00E+00	0.00E+00	-3.26E+03
KU33VGAZ	5.46E-02	2.79E-01	1.55E-01	1.24E-01	0.00E+00	0.00E+00	2.40E+01	2.51E-05	3.51E-02	4.00E-02	0.00E+00	1.52E-18	3.77E-09	3.65E-07	2.23E-01	-3.63E+02	0.00E+00	0.00E+00	2.33E+01	5.74E-18	4.47E+01	0.00E+00	3.89E-07	2.23E-08	1.25E-02	0.00E+00	-4.99E+01	0.00E+00	4.47E+01	9.79E-06	4.47E+01	-5.19E+00	-4.99E+01	0.00E+00	0.00E+00	0.00E+00	7.96E+02
KU33VGLZ	6.90E-02	6.95E+00	1.95E-01	6.76E+00	0.00E+00	0.00E+00	2.85E+01	-1.02E-04	3.75E-02	6.92E-02	0.00E+00	1.91E-18	3.13E-10	3.69E-07	3.00E-01	1.51E+01	0.00E+00	0.00E+00	3.15E+01	7.31E-18	8.22E+01	0.00E+00	6.86E-07	3.28E-07	2.07E-02	0.00E+00	6.11E+00	0.00E+00	8.22E+01	2.25E-05	8.22E+01	8.83E+01	6.11E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+03
KU40XXE	4.89E-04	1.17E-01	1.81E-03	1.16E-01	0.00E+00	0.00E+00	2.43E-01	9.08E-07	9.95E-05	1.15E-03	0.00E+00	2.89E-20	3.81E-11	5.89E-10	4.28E-03	1.59E-01	0.00E+00	0.00E+00	3.49E-01	1.10E-19	1.29E+00	0.00E+00	1.05E-08	5.12E-09	3.27E-04	0.00E+00	6.78E-02	0.00E+00	1.29E+00	5.96E-07	1.29E+00	1.36E+00	6.78E-02	0.00E+00	0.00E+00	0.00E+00	1.25E+01
KU73S20	-5.03E-02	-5.79E-02	-5.70E-03	-5.22E-02	0.00E+00	0.00E+00	-1.20E+01	-5.15E-03	-2.00E-03	-2.60E-02	0.00E+00	8.62E-20	-6.49E-09	-6.01E-07	1.63E-03	-4.01E+00	0.00E+00	0.00E+00	-8.96E+00	3.30E-19	-5.52E-01	0.00E+00	8.24E-09	-8.28E-08	-7.42E-03	0.00E+00	-8.26E-01	0.00E+00	-5.52E-01	-1.52E-04	-5.52E-01	-1.38E+00	-8.26E-01	0.00E+00	0.00E+00	0.00E+00	-3.91E+02
KU73S50	-5.20E-02	-7.08E-01	-1.18E-02	-6.97E-01	0.00E+00	0.00E+00	-1.28E+01	-5.15E-03	-2.36E-03	-3.01E-02	0.00E+00	2.68E-21	-6.67E-09	-6.03E-07	-1.27E-02	-2.54E+01	0.00E+00	0.00E+00	-1.01E+01	1.03E-20	-4.85E+00	0.00E+00	-2.63E-08	-1.09E-07	-8.59E-03	0.00E+00	-4.08E+00	0.00E+00	-4.85E+00	-1.53E-04	-4.85E+00	-8.93E+00	-4.08E+00	0.00E+00	0.00E+00	0.00E+00	-4.33E+02
KU73S60	-5.20E-02	-7.06E-01	-1.18E-02	-6.94E-01	0.00E+00	0.00E+00	-1.28E+01	-5.15E-03	-2.36E-03	-3.01E-02	0.00E+00	2.68E-21	-6.67E-09	-6.03E-07	-1.27E-02	-2.52E+01	0.00E+00	0.00E+00	-1.01E+01	1.03E-20	-4.85E+00	0.00E+00	-2.63E-08	-1.09E-07	-8.59E-03	0.00E+00	-4.05E+00	0.00E+00	-4.85E+00	-1.53E-04	-4.85E+00	-8.90E+00	-4.05E+00	0.00E+00	0.00E+00	0.00E+00	-4.33E+02
KU76S20	-4.39E-02	3.58E-03	-3.60E-03	7.18E-03	0.00E+00	0.00E+00	-1.02E+01	-4.52E-03	-1.70E-03	-2.21E-02	0.00E+00	8.95E-20	-5.45E-09	-5.26E-07	3.73E-03	-4.39E+00	0.00E+00	0.00E+00	-7.53E+00	3.39E-19	2.33E-01	0.00E+00	1.20E-08	-6.94E-08	-6.29E-03	0.00E+00	-8.15E-01	0.00E+00	2.33E-01	-1.29E-04	2.33E-01	-5.83E-01	-8.15E-01	0.00E+00	0.00E+00	0.00E+00	-3.30E+02

KU83CHZGB	-9.61E-02	-1.05E+01	-4.13E-01	-1.01E+01	0.00E+00	0.00E+00	-2.92E+01	-8.18E-03	-6.84E-03	-8.42E-02	0.00E+00	-1.83E-03	-1.68E-08	-9.72E-07	-7.01E-01	-4.22E+02	0.00E+00	0.00E+00	-1.97E+01	-8.44E-01	-1.16E+02	0.00E+00	-1.26E-07	-4.71E-07	-2.59E-02	-6.96E-04	-6.28E+01	0.00E+00	-1.16E+02	-2.98E-04	-1.16E+02	-1.79E+02	-6.28E+01	0.00E+00	0.00E+00	0.00E+00	-8.96E+02
U961N	-7.24E-03	-9.88E-02	-5.25E-02	-4.62E-02	0.00E+00	0.00E+00	-3.24E+00	-6.89E-04	-2.18E-04	-2.60E-03	0.00E+00	-2.50E-04	-2.44E-09	-8.06E-08	-8.80E-02	-1.03E+01	0.00E+00	0.00E+00	-2.17E+00	-1.16E-01	-1.43E+01	0.00E+00	2.94E-09	-3.11E-08	-1.60E-03	-9.52E-05	-1.67E+00	0.00E+00	-1.43E+01	-2.58E-05	-1.43E+01	-1.60E+01	-1.67E+00	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
U96N	-2.11E-03	-9.78E-01	-6.97E-02	-9.08E-01	0.00E+00	0.00E+00	-2.31E+00	-8.48E-05	-7.09E-05	-5.60E-03	0.00E+00	-3.23E-04	-2.38E-09	-5.22E-09	-1.18E-01	-1.32E+01	0.00E+00	0.00E+00	-1.37E+00	-1.49E-01	-1.91E+01	0.00E+00	-8.12E-09	-3.38E-08	-2.25E-03	-1.23E-04	-2.13E+00	0.00E+00	-1.91E+01	-4.20E-06	-1.91E+01	-2.12E+01	-2.13E+00	0.00E+00	0.00E+00	0.00E+00	-6.94E+01
U97N	-1.12E-02	4.14E-01	-8.69E-02	5.01E-01	0.00E+00	0.00E+00	-1.79E+00	-1.25E-03	1.60E-04	1.68E-03	0.00E+00	-4.91E-04	-9.81E-10	-1.42E-07	-1.49E-01	-2.97E+01	0.00E+00	0.00E+00	3.23E-01	-2.27E-01	-2.05E+01	0.00E+00	5.18E-08	-2.27E-08	-5.78E-04	-1.87E-04	-4.18E+00	0.00E+00	-2.05E+01	-4.42E-05	-2.05E+01	-2.47E+01	-4.18E+00	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
UC11BA	1.48E-03	3.84E-01	5.71E-03	3.78E-01	0.00E+00	0.00E+00	7.18E-01	2.15E-06	3.28E-04	3.80E-03	0.00E+00	1.01E-19	1.26E-10	1.76E-09	1.82E-02	4.86E-01	0.00E+00	0.00E+00	1.07E+00	3.84E-19	4.19E+00	0.00E+00	3.51E-08	1.50E-08	1.04E-03	0.00E+00	2.18E-01	0.00E+00	4.19E+00	1.57E-06	4.19E+00	4.41E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
UC12BA	-6.21E-04	-3.64E-01	-3.93E-02	-3.25E-01	0.00E+00	0.00E+00	-1.06E+00	-1.67E-06	-6.35E-05	-6.08E-04	0.00E+00	-1.89E-04	-6.85E-11	-1.39E-09	-6.74E-02	-1.81E+01	0.00E+00	0.00E+00	-6.11E-02	-8.75E-02	-9.96E+00	0.00E+00	8.46E-10	-1.26E-08	-3.96E-04	-7.21E-05	-2.69E+00	0.00E+00	-9.96E+00	-3.90E-09	-9.96E+00	-1.27E+01	-2.69E+00	0.00E+00	0.00E+00	0.00E+00	-9.90E+00
UC21LH0	3.88E-03	8.58E-01	3.27E-02	8.25E-01	0.00E+00	0.00E+00	8.50E+00	1.65E-05	8.24E-04	9.27E-03	0.00E+00	4.31E-19	1.42E-09	1.83E-08	6.37E-02	-8.92E+00	0.00E+00	0.00E+00	6.23E+00	1.51E-18	1.27E+01	0.00E+00	9.98E-08	3.68E-08	2.50E-03	0.00E+00	-4.56E-01	0.00E+00	1.27E+01	3.21E-06	1.27E+01	1.22E+01	-4.56E-01	0.00E+00	0.00E+00	0.00E+00	2.09E+02
UC21LH1	-5.90E-03	-1.36E+00	-4.94E-02	-1.32E+00	0.00E+00	0.00E+00	-4.12E+00	-3.18E-04	-9.29E-04	-1.09E-02	0.00E+00	-1.86E-04	-8.85E-09	-3.26E-08	-8.04E-02	-1.94E+01	0.00E+00	0.00E+00	-6.27E+00	-8.58E-02	-1.98E+01	0.00E+00	-4.32E-08	-9.38E-08	-5.23E-03	-7.07E-05	-3.36E+00	0.00E+00	-1.98E+01	-1.71E-05	-1.98E+01	-2.31E+01	-3.36E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E+02
UC21ST0	-4.68E-03	-1.15E+00	-5.42E-02	-1.10E+00	0.00E+00	0.00E+00	-3.54E+00	-2.40E-04	-7.19E-04	-8.38E-03	0.00E+00	-2.22E-04	-6.68E-09	-2.50E-08	-8.96E-02	-2.05E+01	0.00E+00	0.00E+00	-4.73E+00	-1.03E-01	-1.92E+01	0.00E+00	-3.17E-08	-7.49E-08	-4.08E-03	-8.46E-05	-3.40E+00	0.00E+00	-1.92E+01	-1.29E-05	-1.92E+01	-2.26E+01	-3.40E+00	0.00E+00	0.00E+00	0.00E+00	-2.06E+02
UC21TR2	5.81E-04	-2.47E-01	-2.17E-02	-2.26E-01	0.00E+00	0.00E+00	4.10E+00	8.91E-06	8.71E-05	8.80E-04	0.00E+00	-1.82E-04	7.70E-10	9.51E-09	-3.95E-02	-1.71E+01	0.00E+00	0.00E+00	3.32E+00	-8.39E-02	-4.47E+00	0.00E+00	3.67E-08	3.00E-09	1.37E-04	-6.91E-05	-2.10E+00	0.00E+00	-4.47E+00	1.25E-06	-4.47E+00	-6.57E+00	-2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+02
UC22BA	3.33E-03	9.69E-01	1.38E-02	9.56E-01	0.00E+00	0.00E+00	1.57E+00	3.74E-06	8.02E-04	9.32E-03	0.00E+00	2.54E-19	3.06E-10	3.93E-09	4.55E-02	1.11E+00	0.00E+00	0.00E+00	2.34E+00	9.72E-19	9.47E+00	0.00E+00	8.13E-08	3.28E-08	2.46E-03	0.00E+00	4.97E-01	0.00E+00	9.47E+00	3.06E-06	9.47E+00	9.97E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	6.41E+01
UC22PEN	2.57E-03	3.63E-01	-5.34E-02	4.17E-01	0.00E+00	0.00E+00	4.61E-01	5.80E-06	5.97E-04	7.09E-03	0.00E+00	-3.23E-04	2.64E-10	3.21E-09	-8.21E-02	-1.26E+01	0.00E+00	0.00E+00	2.79E+00	-1.49E-01	-7.13E+00	0.00E+00	7.99E-08	2.43E-08	1.70E-03	-1.23E-04	-1.58E+00	0.00E+00	-7.13E+00	4.41E-06	-7.13E+00	-8.71E+00	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	8.71E+01
UC22RK	5.60E-03	1.46E+00	3.94E-02	1.42E+00	0.00E+00	0.00E+00	9.19E+00	1.90E-05	1.23E-03	1.40E-02	0.00E+00	5.46E-19	9.86E-10	2.04E-08	8.54E-02	2.44E+00	0.00E+00	0.00E+00	7.42E+00	1.95E-18	1.75E+01	0.00E+00	1.40E-07	5.85E-08	3.77E-03	0.00E+00	1.36E+00	0.00E+00	1.75E+01	4.77E-06	1.75E+01	1.88E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+02
UC31LE3	5.86E-03	1.50E+00	4.39E-03	1.50E+00	0.00E+00	0.00E+00	1.52E+01	3.03E-05	1.44E-03	1.65E-02	0.00E+00	-2.66E-04	2.74E-09	3.44E-08	1.16E-04	-1.78E+01	0.00E+00	0.00E+00	1.12E+01	-1.23E-01	5.70E+00	0.00E+00	1.54E-07	5.28E-08	3.94E-03	-1.01E-04	-1.18E+00	0.00E+00	5.70E+00	4.25E-06	5.70E+00	4.52E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	3.83E+02
UC32RK	1.97E-03	1.80E-01	-6.10E-02	2.42E-01	0.00E+00	0.00E+00	5.78E+00	1.46E-05	5.08E-04	5.96E-03	0.00E+00	-4.35E-04	6.66E-10	1.51E-08	-1.06E-01	-1.51E+01	0.00E+00	0.00E+00	5.77E+00	-2.01E-01	-1.20E+01	0.00E+00	8.38E-08	1.90E-08	1.16E-03	-1.65E-04	-1.57E+00	0.00E+00	-1.20E+01	2.83E-06	-1.20E+01	-1.35E+01	-1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+02
UC34BA	-1.40E-03	-7.76E-01	-5.22E-02	-7.24E-01	0.00E+00	0.00E+00	-1.44E+00	-2.65E-06	-2.87E-04	-3.28E-03	0.00E+00	-2.25E-04	-1.31E-10	-2.25E-09	-8.85E-02	-2.29E+01	0.00E+00	0.00E+00	-4.42E-01	-1.04E-01	-1.33E+01	0.00E+00	-1.12E-08	-2.04E-08	-1.05E-03	-8.56E-05	-3.49E+00	0.00E+00	-1.33E+01	-7.45E-08	-1.33E+01	-1.68E+01	-3.49E+00	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
UC44BA	-7.57E-04	-5.60E-01	-5.46E-02	-5.06E-01	0.00E+00	0.00E+00	-1.16E+00	-9.50E-07	-1.65E-04	-1.85E-03	0.00E+00	-2.42E-04	-5.94E-11	-1.31E-09	-8.98E-02	-1.34E+01	0.00E+00	0.00E+00	5.59E-02	-1.12E-01	-1.25E+01	0.00E+00	3.14E-09	-9.36E-09	-6.34E-04	-9.23E-05	-2.07E+00	0.00E+00	-1.25E+01	8.03E-07	-1.25E+01	-1.45E+01	-2.07E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-01
UD01F1	-2.55E-03	-3.63E-01	-2.44E-03	-3.61E-01	0.00E+00	0.00E+00	-1.47E+00	-2.15E-04	-3.25E-04	-3.94E-03	0.00E+00	9.06E-20	-5.88E-09	-1.98E-08	6.21E-03	-1.12E+00	0.00E+00	0.00E+00	-3.43E+00	3.44E-19	-3.76E+00	0.00E+00	-3.44E-09	-4.54E-08	-2.51E-03	0.00E+00	-3.63E-01	0.00E+00	-3.76E+00	-1.08E-05	-3.76E+00	-4.12E+00	-3.63E-01	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
UD01F2	1.26E-02	8.74E-01	5.21E-02	8.22E-01	0.00E+00	0.00E+00	1.21E+01	2.33E-05	7.33E-03	9.62E-03	0.00E+00	4.50E-19	1.71E-09	9.00E-08	7.22E-02	-3.10E+00	0.00E+00	0.00E+00	9.44E+00	1.58E-18	1.51E+01	0.00E+00	1.16E-07	5.36E-08	3.13E-03	0.00E+00	7.25E-01	0.00E+00	1.51E+01	2.95E-06	1.51E+01	1.58E+01	7.25E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+02
UD02F1	2.50E-03	5.41E-01	2.10E-02	5.20E-01	0.00E+00	0.00E+00	5.16E+00	3.00E-06	5.05E-04	5.63E-03	0.00E+00	2.84E-19	3.20E-10	1.07E-08	4.64E-02	6.44E-01	0.00E+00	0.00E+00	3.98E+00	1.01E-18	8.95E+00	0.00E+00	7.14E-08	2.69E-08	1.54E-03	0.00E+00	6.40E-01	0.00E+00	8.95E+00	2.03E-06	8.95E+00	9.59E+00	6.40E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
UD02F2	2.13E-02	5.78E-01	6.48E-02	5.13E-01	0.00E+00	0.00E+00	1.19E+01	-1.31E-04	1.53E-02	7.05E-03	0.00E+00	4.51E-19	-2.28E-09	1.59E-07	7.60E-02	-2.38E+00	0.00E+00	0.00E+00	8.80E+00	1.64E-18	1.30E+01	0.00E+00	1.19E-07	3.24E-08	1.99E-03	0.00E+00	8.30E-01	0.00E+00	1.30E+01	-5.68E-06	1.30E+01	1.38E+01	8.30E-01	0.00E+00	0.00E+00	0.00E+00	2.99E+02
UD11A1	-5.02E-05	-6.06E-02	-1.39E-02	-4.67E-02	0.00E+00	0.00E+00	1.08E+00	-9.78E-05	5.20E-05	4.84E-04	0.00E+00	-1.03E-04	-2.64E-09	-5.03E-09	-1.86E-02	-3.65E+00	0.00E+00	0.00E+00	3.10E-01	-4.74E-02	-2.67E+00	0.00E+00	3.25E-08	-9.02E-09	-5.61E-04	-3.91E-05	-4.13E-01	0.00E+00	-2.67E+00	-3.24E-06	-2.67E+00	-3.09E+00	-4.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.17E+00
UD11B1	-3.10E-03	-5.03E-01	-3.62E-03	-5.00E-01	0.00E+00	0.00E+00	-1.94E+00	-2.82E-04	-4.30E-04	-5.25E-03	0.00E+00	1.05E-19	-7.78E-09	-2.61E-08	6.28E-03	-7.98E-01	0.00E+00	0.00E+00	-4.36E+00	4.02E-19	-4.30E+00	0.00E+00	-6.38E-10	-5.61E-08	-3.22E-03	0.00E+00	-3.71E-01	0.00E+00	-4.30E+00	-1.35E-05	-4.30E+00	-4.67E+00	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.94E+02
UD11C1	1.18E-03	6.78E-02	2.24E-02	4.54E-02	0.00E+00	0.00E+00	6.29E+00	-6.60E-05	2.56E-04	2.58E-03	0.00E+00	3.17E-19	-1.07E-09	7.06E-09	4.24E-02	-1.75E+01	0.00E+00	0.00E+00	3.40E+00	1.10E-18	6.55E+00	0.00E+00	5.83E-08	1.44E-10	2.53E-04	0.00E+00	-2.00E+00	0.00E+00	6.55E+00	-1.93E-06	6.55E+00	4.55E+00	-2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+02
UD11F1	-3.50E-04	-7.47E-02	1.16E-03	-7.59E-02	0.00E+00	0.00E+00	-3.00E-01	-6.48E-05	9.96E-06	4.33E-05	0.00E+00	7.10E-20	-1.76E-09	-5.71E-09	8.94E-03	-9.18E+00	0.00E+00	0.00E+00	-7.64E-01	2.72E-19	1.49E-01	0.00E+00	1.04E-08	-1.35E-08	-4.36E-04	0.00E+00	-1.35E+00	0.00E+00	1.49E-01	-2.83E-06	1.49E-01	-1.20E+00	-1.35E+00	0.00E+00	0.00E+00	0.00E+00	-4.11E+01
UD12A1	-6.05E-03	-1.60E+00	-5.11E-02	-1.55E+00	0.00E+00	0.00E+00	-4.06E+00	-2.95E-04	-1.04E-03	-1.23E-02	0.00E+00	-1.89E-04	-8.27E-09	-3.08E-08	-8.35E-02	-2.30E+01	0.00E+00	0.00E+00	-5.97E+00	-8.75E-02	-1.99E+01	0.00E+00	-4.71E-08	-9.31E-08	-5.37E-03	-7.21E-05	-3.86E+00	0.00E+00	-1.99E+01	-1.60E-05	-1.99E+01	-2.38E+01	-3.86E+00	0.00E+00	0.00E+00	0.00E+00	-2.55E+02
UD12B1	2.02E-03	8.11E-02	-8.05E-03	8.92E-02	0.00E+00	0.00E+00	7.38E+00	1.62E-05	3.54E-04	3.85E-03	0.00E+00	-1.73E-04	7.98E-10	1.67E-08	-1.60E-02	-1.44E+01	0.00E+00	0.00E+00	5.72E+00	-7.97E-02	5.67E-01	0.00E+00	7.12E-08	1.97E-08	9.99E-04	-6.57E-05	-1.39E+00	0.00E+00	5.67E-01	2.61E-06	5.67E-01	-8.27E-01	-1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+02
UD12B2	1.89E-03	1.10E-01	-1.18E-02	1.22E-01	0.00E+00	0.00E+00	7.10E+00	1.46E-05	4.05E-04	4.51E-03	0.00E+00	-1.89E-04	7.67E-10	1.61E-08	-2.41E-02	-2.22E+01	0.00E+00	0.00E+00	5.43E+00	-8.75E-02	-1.14E+00	0.00E+00	6.63E-08	1.35E-08	1.05E-03	-7.21E-05	-2.57E+00	0.00E+00	-1.14E+00	2.06E-06	-1.14E+00	-3.71E+00	-2.57E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+02
UD12B4	-5.28E-02	-1.61E+00	-1.34E-02	-1.60E+00	0.00E+00	0.00E+00	-1.26E+01	-5.10E-03	-3.01E-03	-3.79E-02	0.00E+00	1.59E-19	-1.74E-08	-5.82E-07	-5.68E-03	-1.89E+01	0.00E+00	0.00E+00	-1.52E+01	5.59E-19	-1.29E+01	0.00E+00	-4.43E-08	-1.90E-07	-1.34E-02	0.00E+00	-3.41E+00	0.00E+00	-1.29E+01	-1.57E-04	-1.29E+01	-1.64E+01	-3.41E+00	0.00E+00	0.00E+00	0.00E+00	-6.64E+02
UD12F1	1.31E-03	6.40E-02	9.33E-03	5.46E-02	0.00E+00	0.00E+00	1.88E+00	3.16E-06	2.62E-04	2.89E-03	0.00E+00	1.53E-19	2.85E-10	3.85E-09	2.66E-02	-1.80E+01	0.00E+00	0.00E+00	1.74E+00	5.61E-19	4.95E+00	0.00E+00	4.06E-08	6.80E-09	8.32E-04	0.00E+00	-2.37E+00	0.00E+00	4.95E+00	1.56E-06	4.95E+00	2.58E+00	-2.37E+00	0.00E+00	0.00E+00	0.00E+00	5.14E+01
UD13A1	-5.73E-03	-1.62E+00	-5.80E-02	-1.56E+00	0.00E+00	0.00E+00	-2.24E+00	-2.94E-04	-9.87E-04	-1.17E-02	0.00E+00	-2.56E-04	-7.99E-09	-2.68E-08	-9.62E-02	-2.53E+01	0.00E+00	0.00E+00	-4.56E+00	-1.18E-01	-2.12E+01	0.00E+00	-3.06E-08	-8.94E-08	-5.26E-03	-9.76E-05	-4.02E+00	0.00E+00	-2.12E+01	-1.56E-05	-2.12E+01	-2.53E+01	-4.02E+00	0.00E+00	0.00E+00	0.00E+00	-2.08E+02
UD13B1	5.01E-03	9.29E-01	4.30E-02	8.86E-01	0.00E+00	0.00E+00	1.10E+01	2.09E-05	1.06E-03	1.19E-02	0.00E+00	5.76E-19	1.14E-09	2.37E-08	8.39E-02	-2.76E+01	0.00E+00	0.00E+00	8.15E+00	2.03E-18	1.66E+01	0.00E+00	1.31E-07	4.08E-08	3.21E-03	0.00E+00	-2.90E+00	0.00E+00	1.66E+01	4.31E-06	1.66E+01	1.37E+01	-2.90E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+02
UD13B2	-8.14E-03	-1.76E+00	-5.80E-02	-1.70E+00	0.00E+00	0.00E+00	-5.54E+00	-4.81E-04	-1.28E-03	-1.51E-02	0.00E+00	-2.09E-04	-1.34E-08	-4.81E-08	-9.09E-02	-1.74E+01	0.00E+00	0.00E+00	-9.06E+00	-9.65E-02	-2.46E+01	0.00E+00	-5.34E-08	-1.29E-07	-7.42E-03	-7.95E-05	-3.25E+00	0.00E+00	-2.46E+01	-2.53E-05	-2.46E+01	-2.78E+01	-3.25E+00	0.00E+00	0.00E+00	0.00E+00	-3.89E+02
UD21A1	3.29E-03	3.79E-01	3.16E-02	3.47E-01	0.00E+00	0.00E+00	8.54E+00	1.62E-05	6.27E-04	6.84E-03	0.00E+00	4.12E-19	1.08E-09	1.80E-08	6.13E-02	-2.60E+01	0.00E+00	0.00E+00	6.18E+00	1.43E-18	1.20E+01	0.00E+00	9.26E-08	2.54E-08	1.95E-03	0.00E+00	-2.95E+00	0.00E+00	1.20E+01	3.23E-06	1.20E+01	9.02E+00	-2.95E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+02
UD21A1-LG	-1.42E-03	-3.74E-01	1.55E-02	-3.90E-01	0.00E+00	0.00E+00	3.52E+00	-2.50E-04	-7.81E-05	-1.39E-03	0.00E+00	3.44E-19	-6.70E-09	-1.29E-08	3.84E-02	-2.75E+01	0.00E+00	0.00E+00	-5.47E-01	1.22E-18	1.51E+00	0.00E+00	4.18E-08	-4.76E-08	-2.08E-03	0.00E+00	-3.76E+00	0.00E+00	1.51E+00	-1.15E-05	1.51E+00	-2.25E+00	-3.76E+00	0.00E+00	0.00E+00	0.00E+00	-6.29E+01
UD21B1	7.70E-03	1.71E+00	5.62E-02	1.66E+00	0.00E+00	0.00E+00	1.45E+01	3.22E-05	1.51E-03	1.70E-02	0.00E+00	7.15E-19	1.71E-09	3.19E-08	1.08E-01	3.48E+00	0.00E+00	0.00E+00	1.13E+01	2.51E-18	2.43E+01	0.00E+00	1.89E-07	8.36E-08	4.80E-03	0.00E+00	1.99E+00	0.00E+00	2.43E+01	7.65E-06	2.43E+01	2.63E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	3.92E+02
UD21B5	-1.40E-03	-4.37E-01	-2.73E-02	-4.09E-01	0.00E+00	0.00E+00	2.15E+00	-1.53E-04	-1.41E-04	-1.81E-03	0.00E+00	-1.86E-04	-4.12E-09	-6.94E-09	-4.51E-02	-1.61E+01	0.00E+00	0.00E+00	1.66E-01	-8.58E-02	-8.67E+00	0.00E+00	2.53E-08	-3.22E-08	-1.72E-03	-7.07E-05	-2.19E+00	0.00E+00	-8.67E+00	-7.03E-06	-8.67E+00	-1.09E+01	-2.19E+00	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
UD21C1	5.75E-03	1.03E+00	2.94E-02	1.00E+00	0.00E+00	0.00E+00	1.92E+01	3.91E-05	1.13E-03	1.26E-02	0.00E+00	-1.86E-04	3.05E-09	4.22E-08	4.15E-02	-1.27E+01	0.00E+00	0.00E+00	1.35E+01	-8.58E-02	1.22E+01	0.00E+00	1.64E-07	6.00E-08	3.30E-03	-7.07E-05	-1.21E-01	0.00E+00	1.22E+01	5.06E-06	1.22E+01	1.21E+01	-1.21E-01	0.00E+00	0.00E+00	0.00E+00	4.70E+02
UD21D2B	-7.55E-03	-1.79E+00	-6.02E-02	-1.73E+00	0.00E+00	0.00E+00	-5.21E+00	-4.06E-04	-1.20E-03	-1.41E-02	0.00E+00	-2.22E-04	-1.13E-08	-4.16E-08	-9.77E-02	-2.90E+01	0.00E+00	0.00E+00	-8.04E+00	-1.03E-01	-2.46E+01	0.00E+00	-5.63E-08	-1.22E-07	-6.70E-03	-8.46E-05	-4.88E+00	0.00E+00	-2.46E+01	-2.19E-05	-2.46E+01	-2.95E+01	-4.88E+00	0.00E+00	0.00E+00	0.00E+00	-3.44E+02
UD21F1	3.20E-03	6.63E-01	1.97E-02	6.44E-01	0.00E+00	0.00E+00	4.47E+00	1.04E-05	6.20E-04	6.99E-03	0.00E+00	2.75E-19	7.40E-10	9.85E-09	4.74E-02	1.23E+00	0.00E+00	0.00E+00	3.98E+00	9.96E-19	1.04E+01	0.00E+00	8.28E-08	3.50E-08	2.02E-03	0.00E+00	7.11E-01	0.00E+00	1.04E+01	3.53E-06	1.04E+01	1.11E+01	7.11E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
UD22F1	2.91E-03	5.26E-01	2.09E-02	5.05E-01	0.00E+00	0.00E+00	4.59E+00	9.13E-06	5.92E-04	6.64E-03	0.00E+00	3.08E-19	7.71E-10	9.95E-09	5.39E-02	-7.99E+00	0.00E+00	0.00E+00	3.99E+00	1.12E-18	1.04E+01	0.00E+00	8.38E-08	2.83E-08	1.88E-03	0.00E+00	-6.12E-01	0.00E+00	1.04E+01	2.98E-06	1.04E+01	9.77E+00	-6.12E-01	0.00E+00	0.00E+00	0.00E+00	1.23E+02
UD22G1	-1.31E-02	-2.85E+00	-7.07E-02	-2.78E+00	0.00E+00	0.00E+00	-5.49E+00	-8.07E-04	-2.16E-03	-2.58E-02	0.00E+00	-2.68E-04	-2.21E-08	-7.37E-08	-1.08E-01	-1.35E+01	0.00E+00	0.00E+00	-1.31E+01	-1.24E-01	-3.43E+01	0.00E+00	-7.24E-08	-2.03E-07	-1.24E-02	-1.02E-04	-2.88E+00	0.00E+00	-3.43E+01	-4.22E-05	-3.43E+01	-3.72E+01	-2.88E+00	0.00E+00	0.00E+00	0.00E+00	-5.75E+02
UD31A1	-9.11E-03	-2.09E+00	-1.48E-02	-2.07E+00	0.00E+00	0.00E+00	-5.34E+00	-6.13E-04	-1.45E-03	-1.75E-02	0.00E+00	1.39E-19	-1.70E-08	-5.95E-08	-1.30E-03	-3.52E+01	0.00E+00	0.00E+00	-1.10E+01	5.32E-19	-1.48E+01	0.00E+00	-4.56E-08	-1.59E-07	-8.64E-03	0.00E+00	-5.86E+00	0.00E+00	-1.48E+01	-3.15E-05	-1.48E+01	-2.06E+01	-5.86E+00	0.00E+00	0.00E+00	0.00E+00	-4.78E+02
UD31B1	-1.68E-03	-1.00E+00	-1.18E-02	-9.91E-01	0.00E+00	0.00E+00	9.29E+00	-2.58E-04	-1.70E-04	-2.68E-03	0.00E+00	-2.24E-04	-6.82E-09	-1.40E-09	-2.35E-02	-6.08E+01	0.00E+00	0.00E+00	3.23E+00	-1.04E-01	-6.93E+00	0.00E+00	6.37E-08	-6.11E-08	-2.71E-03	-8.53E-05	-8.16E+00	0.00E+00	-6.93E+00	-1.18E-05	-6.93E+00	-1.51E+01	-8.16E+00	0.00E+00	0.00E+00	0.00E+00	6.98E+01
UD31C1	8.38E-03	1.44E+00	4.44E-02	1.40E+00	0.00E+00	0.00E+00	2.82E+01	5.71E-05	1.65E-03	1.82E-02	0.00E+00	-2.66E-04	4.57E-09	6.17E-08	6.27E-02	-2.34E+01	0.00E+00	0.00E+00	1.98E+01	-1.23E-01	1.82E+01	0.00E+00	2.40E-07	8.54E-08	4.80E-03	-1.01E-04	-8.86E-01	0.00E+00	1.82E+01	7.42E-06	1.82E+01	1.73E+01	-8.86E-01	0.00E+00	0.00E+00	0.00E+00	6.87E+02
UD31M1	4.30E-03	5.51E-01	-2.20E-03	5.53E-01	0.00E+00	0.00E+00	1.44E+01	3.14E-05	7.81E-04	8.60E-03	0.00E+00	-2.65E-04	2.54E-09	3.22E-08	-7.53E-03	-7.47E+00	0.00E+00	0.00E+00	1.08E+01	-1.22E-01	4.62E+00	0.00E+00	1.38E-07	4.92E-08	2.28E-03	-1.01E-04	2.48E-01	0.00E+00	4.62E+00	4.90E-06	4.62E+00	4.87E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	3.74E+02
UD32A1N	8.83E-03	1.55E+00	8.24E-02	1.47E+00	0.00E+00	0.00E+00	2.23E+01	4.42E-05	1.71E-03	1.88E-02	0.00E+00	1.04E-18	2.64E-09	4.79E-08	1.58E-01	-2.53E+01	0.00E+00	0.00E+00	1.62E+01	3.63E-18	3.13E+01	0.00E+00	2.41E-07	8.63E-08	5.32E-03	0.00E+00	-1.51E+00	0.00E+00	3.13E+01	8.11E-06	3.13E+01	2.98E+01	-1.51E+00	0.00E+00	0.00E+00	0.00E+00	5.48E+02
UD32F1	-2.00E-03	-5.31E-01	2.71E-03	-5.34E-01	0.00E+00	0.00E+00	-1.25E+00	-2.56E-04	-2.16E-04	-2.87E-03	0.00E+00	2.28E-19	-6.96E-09	-2.27E-08	3.46E-02	-1.91E+01	0.00E+00	0.00E+00	-3.01E+00	8.71E-19	3.64E-01	0.00E+00	3.65E-08	-4.89E-08	-2.37E-03	0.00E+00	-2.84E+00	0.00E+00	3.64E-01	-1.12E-05	3.64E-01	-2.48E+00	-2.84E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
UD33A1	1.46E-02	4.88E+00	7.52E-02	4.81E+00	0.00E+00	0.00E+00	2.72E+01	4.93E-05	3.94E-03	4.58E-02	0.00E+00	-1.70E-04	3.33E-09	6.09E-08	1.15E-01	-4.06E+01	0.00E+00	0.00E+00	1.93E+01	-7.84E-02	2.80E+01	0.00E+00	3.04E-07	1.15E-07	1.10E-02	-6.46E-05	-3.35E+00	0.00E+00	2.80E+01	7.55E-06	2.80E+01	2.46E+01	-3.35E+00	0.00E+00	0.00E+00	0.00E+00	6.66E+02
UD33B1	-1.71E-02	-3.57E+00	-4.32E-02	-3.53E+00	0.00E+00	0.00E+00	-2.23E+00	-1.20E-03	-2.76E-03	-3.34E-02	0.00E+00	-1.70E-04	-3.23E-08	-9.92E-08	-5.65E-02	-2.14E+01	0.00E+00	0.00E+00	-1.66E+01	-7.84E-02	-3.42E+01	0.00E+00	-6.92E-08	-2.81E-07	-1.69E-02	-6.46E-05	-4.02E+00	0.00E+00	-3.42E+01	-6.20E-05	-3.42E+01	-3.83E+01	-4.02E+00	0.00E+00	0.00E+00	0.00E+00	-7.42E+02
UD41B1	-1.01E-02	-2.25E+00	7.32E-03	-2.26E+00	0.00E+00	0.00E+00	1.04E+00	-8.31E-04	-1.52E-03	-1.89E-02	0.00E+00	5.01E-19	-2.21E-08	-6.41E-08	4.04E-02	-4.01E+01	0.00E+00	0.00E+00	-9.59E+00	1.77E-18	-1.17E+01	0.00E+00	1.14E-09	-1.88E-07	-1.05E-02	0.00E+00	-6.13E+00	0.00E+00	-1.17E+01	-4.17E-05	-1.17E+01	-1.78E+01	-6.13E+00	0.00E+00	0.00E+00	0.00E+00	-4.63E+02
UD41M1	6.91E-03	1.29E+00	8.50E-03	1.28E+00	0.00E+00	0.00E+00	2.10E+01	4.46E-05	1.40E-03	1.57E-02	0.00E+00	-3.35E-04	3.71E-09	4.70E-08	7.73E-03	-8.61E+00	0.00E+00	0.00E+00	1.56E+01	-1.55E-01	9.28E+00	0.00E+00	2.02E-07	7.54E-08	4.03E-03	-1.27E-04	6.89E-01	0.00E+00	9.28E+00	6.68E-06	9.28E+00	9.97E+00	6.89E-01	0.00E+00	0.00E+00	0.00E+00	5.37E+02
UD42B1	-1.84E-02	-1.27E+00	-2.71E-02	-1.24E+00	0.00E+00	0.00E+00	-1.30E+01	-1.64E-03	-1.72E-03	-2.05E-02	0.00E+00	6.10E-19	-4.49E-08	-1.53E-07	-1.18E-02	-1.47E+01	0.00E+00	0.00E+00	-2.87E+01	2.33E-18	-3.67E+01	0.00E+00	-8.25E-08	-3.55E-07	-1.73E-02	0.00E+00	-4.03E+00	0.00E+00	-3.67E+01	-8.48E-05	-3.67E+01	-4.07E+01	-4.03E+00	0.00E+00	0.00E+00	0.00E+00	-1.23E+03
UE11E0	1.50E-03	2.63E-01	-9.39E-03	2.72E-01	0.00E+00	0.00E+00	2.46E+00	6.46E-06	3.16E-04	3.63E-03	0.00E+00	-1.03E-04	4.69E-10	5.97E-09	-1.42E-02	-3.18E+00	0.00E+00	0.00E+00	2.41E+00	-4.74E-02	1.27E-01	0.00E+00	4.31E-08	1.56E-08	9.27E-04	-3.91E-05	-1.80E-01	0.00E+00	1.27E-01	1.93E-06	1.27E-01	-5.26E-02	-1.80E-01	0.00E+00	0.00E+00	0.00E+00	8.16E+01
UE21A0	1.12E-03	-9.35E-02	6.14E-03	-9.96E-02	0.00E+00	0.00E+00	7.06E-01	-4.09E-07	2.82E-04	3.15E-03	0.00E+00	1.39E-19	5.07E-11	1.04E-09	2.07E-02	-3.99E+01	0.00E+00	0.00E+00	9.05E-01	5.28E-19	3.64E+00	0.00E+00	3.25E-08	-6.22E-09	8.20E-04	0.00E+00	-5.65E+00	0.00E+00	3.64E+00	1.31E-06	3.64E+00	-2.01E+00	-5.65E+00	0.00E+00	0.00E+00	0.00E+00	2.13E+01
UE21D1	5.60E-02	2.98E+00	1.54E-01	2.83E+00	0.00E+00	0.00E+00	2.84E+01	4.32E-05	3.66E-02	3.09E-02	0.00E+00	-1.01E-15	5.09E-09	3.98E-07	-2.77E+00	1.10E+01	0.00E+00	0.00E+00	2.67E+01	-2.02E-15	3.54E+01	0.00E+00	3.30E-07	1.78E-07	1.06E-02	0.00E+00	4.68E+00	0.00E+00	3.54E+01	7.56E-06	3.54E+01	4.00E+01	4.68E+00	0.00E+00	0.00E+00	0.00E+00	9.77E+02
UE21D3	7.19E-02	2.12E+00	1.63E-01	1.96E+00	0.00E+00	0.00E+00	3.79E+01	6.91E-05	4.94E-02	2.91E-02	0.00E+00	-1.86E-04	6.88E-09	5.45E-07	1.29E-01	-3.39E+01	0.00E+00	0.00E+00	3.35E+01	-8.58E-02	3.43E+01	0.00E+00	3.41E-07	1.74E-07	1.11E-02	-7.07E-05	-1.09E+00	0.00E+00	3.43E+01	5.18E-06	3.43E+01	3.32E+01	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+03
UE21E0	1.67E-03	1.18E-01	-3.01E-02	1.48E-01	0.00E+00	0.00E+00	2.01E-01	-2.48E-05	3.20E-04	3.70E-03	0.00E+00	-1.86E-04	-6.77E-10	-6.04E-10	-4.18E-02	-6.48E+00	0.00E+00	0.00E+00	1.62E+00	-8.58E-02	-2.59E+00	0.00E+00	6.02E-08	1.55E-08	8.32E-04	-7.07E-05	-7.69E-01	0.00E+00	-2.59E+00	2.41E-06	-2.59E+00	-3.36E+00	-7.69E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
UE21E2B	1.59E-04	-5.51E-01	3.32E-03	-5.54E-01	0.00E+00	0.00E+00	7.81E-02	-3.14E-05	3.73E-05	1.97E-04	0.00E+00	1.16E-19	-8.79E-10	-2.93E-09	1.85E-02	-4.98E+01	0.00E+00	0.00E+00	1.19E-01	4.45E-19	2.30E+00	0.00E+00	2.44E-08	-2.11E-08	-7.72E-05	0.00E+00	-7.16E+00	0.00E+00	2.30E+00	-2.16E-07	2.30E+00	-4.86E+00	-7.16E+00	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
UE21E5	-7.87E-05	-5.51E-01	-3.41E-02	-5.17E-01	0.00E+00	0.00E+00	-6.35E-01	-2.88E-05	-4.97E-05	-6.43E-04	0.00E+00	-1.74E-04	-8.71E-10	-3.09E-09	-5.30E-02	-2.88E+01	0.00E+00	0.00E+00	3.57E-01	-8.04E-02	-6.57E+00	0.00E+00	2.33E-08	-1.20E-08	-3.74E-04	-6.62E-05	-4.17E+00	0.00E+00	-6.57E+00	5.56E-07	-6.57E+00	-1.07E+01	-4.17E+00	0.00E+00	0.00E+00	0.00E+00	3.96E+00
UE22E0	4.51E-03	9.85E-01	1.88E-02	9.67E-01	0.00E+00	0.00E+00	2.32E+00	-2.14E-05	9.19E-04	1.05E-02	0.00E+00	3.34E-19	-4.11E-10	3.29E-09	6.15E-02	1.38E+00	0.00E+00	0.00E+00	3.36E+00	1.28E-18	1.42E+01	0.00E+00	1.20E-07	4.58E-08	2.86E-03	0.00E+00	6.88E-01	0.00E+00	1.42E+01	4.55E-06	1.42E+01	1.49E+01	6.88E-01	0.00E+00	0.00E+00	0.00E+00	9.93E+01
UE22E5	1.17E-03	-1.02E-01	-4.85E-02	-5.37E-02	0.00E+00	0.00E+00	-3.38E-01	-2.92E-05	2.22E-04	2.59E-03	0.00E+00	-2.71E-04	-8.15E-10	-1.63E-09	-7.32E-02	-9.93E+00	0.00E+00	0.00E+00	1.50E+00	-1.25E-01	-7.35E+00	0.00E+00	5.81E-08	1.00E-08	4.42E-04	-1.03E-04	-1.31E+00	0.00E+00	-7.35E+00	2.18E-06	-7.35E+00	-8.66E+00	-1.31E+00	0.00E+00	0.00E+00	0.00E+00	4.08E+01
UE22PEN	6.10E-03	1.56E+00	2.47E-02	1.54E+00	0.00E+00	0.00E+00	3.38E+00	9.94E-06	1.34E-03	1.54E-02	0.00E+00	4.18E-19	5.78E-10	8.13E-09	7.11E-02	6.81E-01	0.00E+00	0.00E+00	4.59E+00	1.59E-18	1.71E+01	0.00E+00	1.42E-07	6.17E-08	4.25E-03	0.00E+00	7.22E-01	0.00E+00	1.71E+01	6.59E-06	1.71E+01	1.78E+01	7.22E-01	0.00E+00	0.00E+00	0.00E+00	1.45E+02
UE31E2B	2.93E-03	1.13E-01	1.48E-02	9.86E-02	0.00E+00	0.00E+00	2.13E+00	3.90E-06	5.85E-04	6.51E-03	0.00E+00	2.76E-19	2.62E-10	4.18E-09	4.61E-02	-4.55E+01	0.00E+00	0.00E+00	2.72E+00	1.04E-18	9.81E+00	0.00E+00	8.16E-08	1.22E-08	1.90E-03	0.00E+00	-6.22E+00	0.00E+00	9.81E+00	3.97E-06	9.81E+00	3.58E+00	-6.22E+00	0.00E+00	0.00E+00	0.00E+00	8.05E+01
UE52K4N	9.78E-03	3.48E+00	6.45E-02	3.41E+00	0.00E+00	0.00E+00	1.55E+01	2.70E-05	2.65E-03	3.08E-02	0.00E+00	9.41E-19	2.70E-09	3.42E-08	1.11E-01	-1.48E+01	0.00E+00	0.00E+00	1.10E+01	3.36E-18	2.31E+01	0.00E+00	1.95E-07	8.02E-08	7.50E-03	0.00E+00	-6.51E-01	0.00E+00	2.31E+01	4.86E-06	2.31E+01	2.25E+01	-6.51E-01	0.00E+00	0.00E+00	0.00E+00	3.74E+02
UG41T2	-1.38E-02	-2.79E+00	-2.31E-02	-2.76E+00	0.00E+00	0.00E+00	-8.09E+00	-9.27E-04	-2.18E-03	-2.62E-02	0.00E+00	1.76E-19	-2.56E-08	-8.96E-08	-6.42E-03	-2.24E+01	0.00E+00	0.00E+00	-1.67E+01	6.72E-19	-2.29E+01	0.00E+00	-7.42E-08	-2.27E-07	-1.30E-02	0.00E+00	-4.39E+00	0.00E+00	-2.29E+01	-4.81E-05	-2.29E+01	-2.73E+01	-4.39E+00	0.00E+00	0.00E+00	0.00E+00	-7.24E+02
UG81S3	9.13E-03	1.56E+00	4.97E-02	1.51E+00	0.00E+00	0.00E+00	9.46E+00	1.60E-05	3.03E-03	2.03E-02	0.00E+00	7.57E-19	1.58E-09	3.42E-08	1.20E-01	-5.03E+01	0.00E+00	0.00E+00	8.55E+00	2.79E-18	2.33E+01	0.00E+00	1.96E-07	5.49E-08	5.41E-03	0.00E+00	-6.12E+00	0.00E+00	2.33E+01	6.35E-06	2.33E+01	1.72E+01	-6.12E+00	0.00E+00	0.00E+00	0.00E+00	2.62E+02
UK21A3	3.64E-03	7.75E-01	2.81E-02	7.47E-01	0.00E+00	0.00E+00	7.10E+00	1.51E-05	7.11E-04	7.96E-03	0.00E+00	3.68E-19	1.04E-09	1.55E-08	5.95E-02	1.59E+00	0.00E+00	0.00E+00	5.57E+00	1.30E-18	1.23E+01	0.00E+00	9.65E-08	4.02E-08	2.26E-03	0.00E+00	9.76E-01	0.00E+00	1.23E+01	3.58E-06	1.23E+01	1.33E+01	9.76E-01	0.00E+00	0.00E+00	0.00E+00	1.86E+02
UK21LH0	-9.59E-03	-2.16E+00	-5.71E-02	-2.10E+00	0.00E+00	0.00E+00	-6.25E+00	-5.33E-04	-1.54E-03	-1.82E-02	0.00E+00	-1.86E-04	-1.48E-08	-5.39E-08	-9.07E-02	-2.82E+01	0.00E+00	0.00E+00	-1.05E+01	-8.58E-02	-2.68E+01	0.00E+00	-7.46E-08	-1.53E-07	-8.59E-03	-7.07E-05	-4.94E+00	0.00E+00	-2.68E+01	-2.87E-05	-2.68E+01	-3.17E+01	-4.94E+00	0.00E+00	0.00E+00	0.00E+00	-4.47E+02
UK21LH1	2.88E-03	3.58E-01	-2.75E-03	3.61E-01	0.00E+00	0.00E+00	9.70E+00	2.13E-05	5.22E-04	5.75E-03	0.00E+00	-1.86E-04	1.72E-09	2.18E-08	-7.26E-03	-5.29E+00	0.00E+00	0.00E+00	7.34E+00	-8.57E-02	2.80E+00	0.00E+00	9.30E-08	3.30E-08	1.52E-03	-7.06E-05	1.32E-01	0.00E+00	2.80E+00	3.31E-06	2.80E+00	2.94E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+02
UK21R1	1.38E-03	-1.68E-01	-1.23E-02	-1.56E-01	0.00E+00	0.00E+00	6.93E+00	1.42E-05	2.31E-04	2.43E-03	0.00E+00	-1.82E-04	1.22E-09	1.54E-08	-2.49E-02	-2.43E+01	0.00E+00	0.00E+00	5.18E+00	-8.39E-02	-1.56E+00	0.00E+00	5.83E-08	8.93E-09	5.79E-04	-6.91E-05	-2.90E+00	0.00E+00	-1.56E+00	1.97E-06	-1.56E+00	-4.46E+00	-2.90E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+02
UK21S1	2.00E-03	1.11E-01	-9.06E-03	1.20E-01	0.00E+00	0.00E+00	7.57E+00	1.53E-05	4.20E-04	4.66E-03	0.00E+00	-1.82E-04	1.34E-09	1.69E-08	-1.96E-02	-2.40E+01	0.00E+00	0.00E+00	5.65E+00	-8.39E-02	-4.11E-01	0.00E+00	6.86E-08	1.39E-08	1.10E-03	-6.91E-05	-2.79E+00	0.00E+00	-4.11E-01	2.15E-06	-4.11E-01	-3.20E+00	-2.79E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+02
UK31C2	9.53E-03	2.02E+00	8.45E-02	1.94E+00	0.00E+00	0.00E+00	2.35E+01	4.86E-05	1.82E-03	2.03E-02	0.00E+00	1.04E-18	3.92E-09	5.08E-08	1.55E-01	4.27E+00	0.00E+00	0.00E+00	1.69E+01	3.60E-18	3.24E+01	0.00E+00	2.47E-07	1.06E-07	5.75E-03	0.00E+00	2.86E+00	0.00E+00	3.24E+01	8.75E-06	3.24E+01	3.52E+01	2.86E+00	0.00E+00	0.00E+00	0.00E+00	5.85E+02
UL25B9	1.47E-04	5.09E-03	3.45E-04	4.75E-03	0.00E+00	0.00E+00	5.70E-02	1.15E-07	9.91E-05	6.24E-05	0.00E+00	1.60E-21	1.03E-11	1.05E-09	3.30E-04	-2.79E-02	0.00E+00	0.00E+00	5.76E-02	6.13E-21	8.83E-02	0.00E+00	6.91E-10	3.96E-10	2.44E-05	0.00E+00	2.39E-03	0.00E+00	8.83E-02	1.92E-08	8.83E-02	9.07E-02	2.39E-03	0.00E+00	0.00E+00	0.00E+00	2.17E+00
UM00H1	1.30E-03	3.12E-01	1.13E-02	3.00E-01	0.00E+00	0.00E+00	3.03E+00	6.01E-06	2.72E-04	3.06E-03	0.00E+00	1.44E-19	5.10E-10	6.55E-09	2.13E-02	-1.58E-01	0.00E+00	0.00E+00	2.18E+00	5.04E-19	4.28E+00	0.00E+00	3.34E-08	1.37E-08	8.31E-04	0.00E+00	2.69E-01	0.00E+00	4.28E+00	1.06E-06	4.28E+00	4.55E+00	2.69E-01	0.00E+00	0.00E+00	0.00E+00	7.41E+01
UM00H2	-2.72E-03	-5.92E-01	-1.60E-02	-5.76E-01	0.00E+00	0.00E+00	-1.74E+00	-1.50E-04	-4.55E-04	-5.38E-03	0.00E+00	-5.17E-05	-4.18E-09	-1.51E-08	-2.52E-02	-2.73E+00	0.00E+00	0.00E+00	-2.93E+00	-2.39E-02	-7.41E+00	0.00E+00	-2.07E-08	-4.07E-08	-2.46E-03	-1.97E-05	-6.34E-01	0.00E+00	-7.41E+00	-8.06E-06	-7.41E+00	-8.05E+00	-6.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
UM00K1	8.60E-04	1.46E-01	1.49E-04	1.46E-01	0.00E+00	0.00E+00	2.95E+00	6.14E-06	1.77E-04	1.98E-03	0.00E+00	-5.17E-05	5.25E-10	6.61E-09	-1.13E-03	-2.21E+00	0.00E+00	0.00E+00	2.16E+00	-2.39E-02	8.30E-01	0.00E+00	2.66E-08	9.08E-09	4.93E-04	-1.97E-05	-5.40E-02	0.00E+00	8.30E-01	8.05E-07	8.30E-01	7.76E-01	-5.40E-02	0.00E+00	0.00E+00	0.00E+00	7.41E+01
UM00K2	-2.78E-03	-6.12E-01	-1.62E-02	-5.96E-01	0.00E+00	0.00E+00	-1.77E+00	-1.50E-04	-4.66E-04	-5.50E-03	0.00E+00	-5.17E-05	-4.18E-09	-1.52E-08	-2.56E-02	-3.55E+00	0.00E+00	0.00E+00	-2.97E+00	-2.39E-02	-7.57E+00	0.00E+00	-2.19E-08	-4.17E-08	-2.50E-03	-1.97E-05	-7.58E-01	0.00E+00	-7.57E+00	-8.13E-06	-7.57E+00	-8.32E+00	-7.58E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
UM00M0	1.60E-03	2.95E-01	6.25E-03	2.89E-01	0.00E+00	0.00E+00	1.25E+00	4.29E-06	2.81E-04	3.18E-03	0.00E+00	8.82E-20	1.80E-10	2.82E-09	1.54E-02	5.55E-01	0.00E+00	0.00E+00	1.45E+00	3.29E-19	4.63E+00	0.00E+00	3.63E-08	1.75E-08	9.79E-04	0.00E+00	2.64E-01	0.00E+00	4.63E+00	2.21E-06	4.63E+00	4.89E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	5.27E+01
UM00M1	-1.49E-02	-8.95E-01	-8.56E-03	-8.86E-01	0.00E+00	0.00E+00	-4.78E+00	-1.38E-03	-1.05E-03	-1.31E-02	0.00E+00	3.17E-20	-7.58E-09	-1.58E-07	-8.29E-03	-1.80E+01	0.00E+00	0.00E+00	-6.21E+00	1.21E-19	-6.60E+00	0.00E+00	-2.51E-08	-8.04E-08	-5.00E-03	0.00E+00	-2.97E+00	0.00E+00	-6.60E+00	-4.50E-05	-6.60E+00	-9.57E+00	-2.97E+00	0.00E+00	0.00E+00	0.00E+00	-2.63E+02
UM00M2	-9.61E-03	1.98E-01	1.54E-02	1.83E-01	0.00E+00	0.00E+00	2.16E+00	-1.15E-03	-1.20E-04	-2.22E-03	0.00E+00	2.24E-19	-6.48E-10	-1.25E-07	2.76E-02	-1.59E+01	0.00E+00	0.00E+00	1.34E+00	7.76E-19	5.73E+00	0.00E+00	4.59E-08	-5.83E-09	-6.35E-04	0.00E+00	-1.92E+00	0.00E+00	5.73E+00	-3.19E-05	5.73E+00	3.81E+00	-1.92E+00	0.00E+00	0.00E+00	0.00E+00	3.11E+01
UM41UK	-6.25E-03	-1.87E+00	-1.34E-02	-1.86E+00	0.00E+00	0.00E+00	-3.59E+00	-3.34E-04	-1.08E-03	-1.30E-02	0.00E+00	0.00E+00	-9.39E-09	-3.45E-08	-1.99E-02	-5.68E+01	0.00E+00	0.00E+00	-6.96E+00	0.00E+00	-1.20E+01	0.00E+00	-5.75E-08	-1.15E-07	-5.64E-03	0.00E+00	-8.79E+00	0.00E+00	-1.20E+01	-1.79E-05	-1.20E+01	-2.07E+01	-8.79E+00	0.00E+00	0.00E+00	0.00E+00	-2.87E+02

UM51UK	1.57E-03	-6.39E-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-06	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	-5.66E+00	-5.31E-04	-1.72E-03	-2.07E-02	0.00E+00	1.57E-20	-1.49E-08	-5.49E-08	-3.06E-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	-8.93E-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	-6.62E+00	-6.14E-04	-2.01E-03	-2.41E-02	0.00E+00	0.00E+00	-1.73E-08	-6.35E-08	-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	-5.29E+02
UN04A	3.44E-03	8.29E-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	4.06E-19	1.69E-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	3.75E-08	2.10E-03	0.00E+00	1.16E+00	0.00E+00	1.13E+01	2.57E-06	1.13E+01	1.24E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02
UN05A	3.70E-03	7.93E-01	3.97E-02	7.53E-01	0.00E+00	0.00E+00	1.19E+01	2.38E-05	6.96E-04	7.65E-03	0.00E+00	4.56E-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	1.28E+01	0.00E+00	9.53E-08	4.16E-08	2.14E-03	0.00E+00	1.29E+00	0.00E+00	1.28E+01	2.96E-06	1.28E+01	1.41E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	2.80E+02
UN06A	4.67E-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	5.26E-08	2.71E-03	0.00E+00	1.64E+00	0.00E+00	1.62E+01	3.74E-06	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	-7.75E+00	-8.06E-04	-2.10E-03	-2.50E-02	0.00E+00	2.15E-20	-2.24E-08	-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	-2.75E+00	0.00E+00	0.00E+00	-8.90E+00	-9.24E-04	-2.43E-03	-2.89E-02	0.00E+00	2.15E-20	-2.56E-08	-9.08E-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	-1.39E-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	1.51E+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	8.63E-19	3.74E-09	4.82E-08	1.19E-01	3.59E+00	0.00E+00	0.00E+00	1.50E+01	2.92E-18	2.43E+01	0.00E+00	1.81E-07	7.90E-08	4.07E-03	0.00E+00	2.49E+00	0.00E+00	2.43E+01	5.61E-06	2.43E+01	2.68E+01	2.49E+00	0.00E+00	0.00E+00	0.00E+00	5.30E+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	9.67E-19	4.12E-09	5.31E-08	1.32E-01	4.45E+00	0.00E+00	0.00E+00	1.66E+01	3.28E-18	2.71E+01	0.00E+00	2.03E-07	8.90E-08	4.74E-03	0.00E+00	2.82E+00	0.00E+00	2.71E+01	6.21E-06	2.71E+01	2.99E+01	2.82E+00	0.00E+00	0.00E+00	0.00E+00	5.84E+02
UN11A	-2.12E-02	-4.03E+00	-4.36E-02	-3.98E+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	-3.52E-08	-1.25E-07	-5.70E-02	-6.39E+00	0.00E+00	0.00E+00	-2.49E+01	0.00E+00	-4.01E+01	0.00E+00	-1.76E-07	-3.26E-07	-1.94E-02	0.00E+00	-2.80E+00	0.00E+00	-4.01E+01	-6.86E-05	-4.01E+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	2.94E+01	5.89E-05	1.83E-03	2.02E-02	0.00E+00	1.15E-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	1.06E-07	5.60E-03	0.00E+00	3.36E+00	0.00E+00	3.22E+01	7.40E-06	3.22E+01	3.56E+01	3.36E+00	0.00E+00	0.00E+00	0.00E+00	6.96E+02
UN13A	-2.72E-02	-5.15E+00	-5.58E-02	-5.10E+00	0.00E+00	0.00E+00	-1.58E+01	-1.62E-03	-4.44E-03	-5.29E-02	0.00E+00	0.00E+00	-4.51E-08	-1.60E-07	-7.30E-02	-8.06E+00	0.00E+00	0.00E+00	-3.19E+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	6.45E-01	3.48E-02	6.10E-01	0.00E+00	0.00E+00	1.04E+01	2.07E-05	6.01E-04	6.58E-03	0.00E+00	4.00E-19	1.72E-09	2.22E-08	5.49E-02	-2.05E+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	1.85E-03	0.00E+00	6.15E-01	0.00E+00	1.12E+01	2.60E-06	1.12E+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-05	-4.64E-04	0.00E+00	-1.12E-04	6.58E-11	-1.44E-07	2.49E-02	-6.08E+01	0.00E+00	0.00E+00	5.51E+00	-5.16E-02	7.25E+00	0.00E+00	1.02E-07	-9.53E-09	-2.31E-04	-4.25E-05	-7.88E+00	0.00E+00	7.25E+00	-3.74E-05	7.25E+00	-6.31E-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	-5.15E+00	-1.84E-03	-8.82E-04	-1.15E-02	0.00E+00	2.56E-19	-1.28E-08	-2.03E-07	2.48E-02	-5.83E+00	0.00E+00	0.00E+00	-7.28E+00	9.79E-19	-1.06E+00	0.00E+00	4.22E-08	-8.48E-08	-5.61E-03	0.00E+00	-1.10E+00	0.00E+00	-1.06E+00	-5.77E-05	-1.06E+00	-2.16E+00	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-3.32E+02
UN51TN	-1.89E-02	-3.57E+00	-3.84E-02	-3.53E+00	0.00E+00	0.00E+00	-1.10E+01	-1.15E-03	-3.08E-03	-3.67E-02	0.00E+00	1.57E-20	-3.18E-08	-1.13E-07	-4.91E-02	-5.32E+00	0.00E+00	0.00E+00	-2.23E+01	6.02E-20	-3.56E+01	0.00E+00	-1.54E-07	-2.92E-07	-1.74E-02	0.00E+00	-2.44E+00	0.00E+00	-3.56E+01	-6.17E-05	-3.56E+01	-3.80E+01	-2.44E+00	0.00E+00	0.00E+00	0.00E+00	-9.32E+02
UN61B3	9.70E-03	1.13E+00	7.76E-02	1.05E+00	0.00E+00	0.00E+00	2.07E+01	4.07E-05	2.58E-03	1.75E-02	0.00E+00	9.64E-19	3.33E-09	5.36E-08	1.42E-01	-5.33E+01	0.00E+00	0.00E+00	1.52E+01	3.37E-18	2.93E+01	0.00E+00	2.26E-07	7.13E-08	5.09E-03	0.00E+00	-5.74E+00	0.00E+00	2.93E+01	8.41E-06	2.93E+01	2.36E+01	-5.74E+00	0.00E+00	0.00E+00	0.00E+00	5.23E+02
UN61U3	-2.01E-02	-1.67E+00	3.96E-03	-1.67E+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-08	-2.14E-07	3.10E-02	-6.49E+01	0.00E+00	0.00E+00	-7.27E+00	1.24E-18	-4.57E+00	0.00E+00	1.69E-08	-1.36E-07	-7.55E-03	0.00E+00	-9.59E+00	0.00E+00	-4.57E+00	-6.47E-05	-4.57E+00	-1.42E+01	-9.59E+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	-2.56E-03	-3.14E-03	-3.84E-02	0.00E+00	1.94E-19	-2.97E-08	-2.80E-07	-1.62E-02	-7.48E+01	0.00E+00	0.00E+00	-2.12E+01	7.42E-19	-2.69E+01	0.00E+00	-9.41E-08	-2.98E-07	-1.69E-02	0.00E+00	-1.22E+01	0.00E+00	-2.69E+01	-9.64E-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	-3.52E+00	-8.52E-02	-3.44E+00	0.00E+00	0.00E+00	-9.39E+00	-1.05E-03	-1.12E-03	-3.01E-02	0.00E+00	-3.07E-04	-2.90E-08	-8.65E-08	-1.23E-01	-2.98E+01	0.00E+00	0.00E+00	-1.73E+01	-1.42E-01	-3.89E+01	0.00E+00	-6.39E-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	1.45E+00	9.42E-02	1.36E+00	0.00E+00	0.00E+00	2.53E+01	4.83E-05	3.03E-03	2.25E-02	0.00E+00	1.19E-18	4.05E-09	6.30E-08	1.67E-01	-7.76E+01	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	-8.85E+00	0.00E+00	3.45E+01	9.64E-06	3.45E+01	2.57E+01	-8.85E+00	0.00E+00	0.00E+00	0.00E+00	6.28E+02
UN81B4	-4.34E-02	-5.48E+00	-1.10E-01	-5.37E+00	0.00E+00	0.00E+00	-1.87E+01	-3.38E-03	-4.57E-03	-5.52E-02	0.00E+00	-3.07E-04	-3.56E-08	-3.77E-07	-1.69E-01	-8.84E+01	0.00E+00	0.00E+00	-2.74E+01	-1.42E-01	-5.54E+01	0.00E+00	-1.76E-07	-3.89E-07	-2.29E-02	-1.17E-04	-1.49E+01	0.00E+00	-5.54E+01	-1.26E-04	-5.54E+01	-7.03E+01	-1.49E+01	0.00E+00	0.00E+00	0.00E+00	-1.16E+03
US31A3R1	1.56E-03	3.44E-01	7.51E-03	3.36E-01	0.00E+00	0.00E+00	8.44E-01	1.96E-06	3.36E-04	3.84E-03	0.00E+00	1.39E-19	1.65E-10	2.05E-09	2.93E-02	4.30E-01	0.00E+00	0.00E+00	1.35E+00	5.32E-19	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-06	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	4.15E-01	0.00E+00	0.00E+00	6.46E+00	1.30E-05	3.81E-04	4.19E-03	0.00E+00	2.49E-19	9.74E-10	1.39E-08	3.43E-02	1.15E+00	0.00E+00	0.00E+00	4.33E+00	8.41E-19	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-06	7.02E+00	7.76E+00	7.37E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+02
UW31V	-3.37E-02	1.11E+00	4.05E-02	1.07E+00	0.00E+00	0.00E+00	2.76E+00	-3.94E-03	-4.72E-04	-7.94E-03	0.00E+00	6.41E-19	-2.79E-09	-4.36E-07	8.71E-02	-1.07E+01	0.00E+00	0.00E+00	1.72E+00	2.26E-18	1.62E+01	0.00E+00	1.36E-07	-1.39E-08	-2.45E-03	0.00E+00	-5.81E-01	0.00E+00	1.62E+01	-1.09E-04	1.62E+01	1.56E+01	-5.81E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+01
UW41U	-3.16E-03	-1.37E+00	-8.67E-04	-1.37E+00	0.00E+00	0.00E+00	-2.79E+00	-5.41E-04	1.90E-03	-1.24E-02	0.00E+00	1.90E-19	-1.47E-08	-1.94E-08	1.38E-02	-1.29E+01	0.00E+00	0.00E+00	-7.71E+00	7.27E-19	-9.47E+00	0.00E+00	-1.13E-08	-1.17E-07	-6.63E-03	0.00E+00	-2.30E+00	0.00E+00	-9.47E+00	-2.74E-05	-9.47E+00	-1.18E+01	-2.30E+00	0.00E+00	0.00E+00	0.00E+00	-3.52E+02
UW51U	-5.79E-02	-2.82E+00	-9.94E-02	-2.73E+00	0.00E+00	0.00E+00	-1.94E+01	-5.29E-03	-3.86E-03	-4.75E-02	0.00E+00	-3.33E-04	-2.49E-08	-6.07E-07	-1.52E-01	-2.51E+01	0.00E+00	0.00E+00	-2.18E+01	-1.54E-01	-4.08E+01	0.00E+00	-9.68E-08	-2.71E-07	-1.81E-02	-1.27E-04	-5.03E+00	0.00E+00	-4.08E+01	-1.69E-04	-4.08E+01	-4.59E+01	-5.03E+00	0.00E+00	0.00E+00	0.00E+00	-9.37E+02
UW51UA	-3.39E-02	-2.69E+00	-9.50E-02	-2.59E+00	0.00E+00	0.00E+00	-1.35E+01	-2.88E-03	-2.82E-03	-3.42E-02	0.00E+00	-3.33E-04	-2.14E-08	-3.25E-07	-1.49E-01	-2.46E+01	0.00E+00	0.00E+00	-1.71E+01	-1.54E-01	-3.92E+01	0.00E+00	-9.08E-08	-2.25E-07	-1.42E-02	-1.27E-04	-4.79E+00	0.00E+00	-3.92E+01	-9.94E-05	-3.92E+01	-4.40E+01	-4.79E+00	0.00E+00	0.00E+00	0.00E+00	-7.34E+02
UW51V	-3.72E-02	1.81E+00	6.50E-02	1.74E+00	0.00E+00	0.00E+00	8.25E+00	-4.56E-03	-1.54E-04	-4.80E-03	0.00E+00	9.60E-19	-2.39E-09	-4.95E-07	1.32E-01	-6.38E+00	0.00E+00	0.00E+00	5.55E+00	3.36E-18	2.53E+01	0.00E+00	2.07E-07	7.67E-09	-1.62E-03	0.00E+00	6.65E-01	0.00E+00	2.53E+01	-1.25E-04	2.53E+01	2.59E+01	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
UW61U	-1.05E-02	-3.27E+00	-1.05E-01	-3.16E+00	0.00E+00	0.00E+00	-8.29E+00	-8.13E-04	5.60E-04	-2.79E-02	0.00E+00	-4.20E-04	-2.24E-08	-5.00E-08	-1.74E-01	-1.94E+01	0.00E+00	0.00E+00	-1.40E+01	-1.94E-01	-4.41E+01	0.00E+00	-8.53E-08	-2.12E-07	-1.29E-02	-1.60E-04	-3.93E+00	0.00E+00	-4.41E+01	-4.29E-05	-4.41E+01	-4.80E+01	-3.93E+00	0.00E+00	0.00E+00	0.00E+00	-6.06E+02
UW61UA	-3.20E-02	-1.77E+00	-1.70E-02	-1.75E+00	0.00E+00	0.00E+00	-1.16E+01	-3.00E-03	-2.29E-03	-2.84E-02	0.00E+00	2.94E-19	-2.46E-08	-3.32E-07	1.07E-02	-1.73E+01	0.00E+00	0.00E+00	-1.75E+01	1.12E-18	-1.72E+01	0.00E+00	-3.46E-08	-2.19E-07	-1.32E-02	0.00E+00	-3.50E+00	0.00E+00	-1.72E+01	-1.04E-04	-1.72E+01	-2.07E+01	-3.50E+00	0.00E+00	0.00E+00	0.00E+00	-7.76E+02
UW61V	-3.97E-02	7.53E-01	-1.95E-02	7.72E-01	0.00E+00	0.00E+00	8.99E+00	-4.56E-03	-6.90E-04	-1.09E-02	0.00E+00	-4.20E-04	-2.03E-09	-4.92E-07	-3.42E-02	-2.18E+01	0.00E+00	0.00E+00	6.52E+00	-1.94E-01	4.77E-01	0.00E+00	1.78E-07	-1.87E-08	-3.64E-03	-1.60E-04	-1.61E+00	0.00E+00	4.77E-01	-1.26E-04	4.77E-01	-1.13E+00	-1.61E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+02
UW61VA	-3.50E-02	-2.21E+00	-2.22E-02	-2.18E+00	0.00E+00	0.00E+00	-1.34E+01	-3.21E-03	-2.75E-03	-3.39E-02	0.00E+00	3.21E-19	-3.05E-08	-3.52E-07	6.69E-03	-9.21E+00	0.00E+00	0.00E+00	-2.13E+01	1.23E-18	-2.23E+01	0.00E+00	-5.08E-08	-2.63E-07	-1.60E-02	0.00E+00	-2.58E+00	0.00E+00	-2.23E+01	-1.15E-04	-2.23E+01	-2.49E+01	-2.58E+00	0.00E+00	0.00E+00	0.00E+00	-9.34E+02
UW71U	-5.78E-02	-2.23E+00	-2.33E-02	-2.21E+00	0.00E+00	0.00E+00	-1.86E+01	-5.55E-03	-3.56E-03	-4.44E-02	0.00E+00	3.73E-19	-3.18E-08	-6.27E-07	1.23E-02	-2.67E+01	0.00E+00	0.00E+00	-2.46E+01	1.43E-18	-2.15E+01	0.00E+00	-4.40E-08	-2.98E-07	-1.87E-02	0.00E+00	-5.17E+00	0.00E+00	-2.15E+01	-1.81E-04	-2.15E+01	-2.67E+01	-5.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.08E+03
UW71V	-6.87E-02	-5.57E+00	-1.64E-01	-5.40E+00	0.00E+00	0.00E+00	-2.60E+01	-5.80E-03	-5.84E-03	-7.09E-02	0.00E+00	-5.35E-04	-3.92E-08	-6.60E-07	-2.56E-01	-4.42E+01	0.00E+00	0.00E+00	-3.24E+01	-2.47E-01	-7.00E+01	0.00E+00	-1.90E-07	-4.25E-07	-2.77E-02	-2.04E-04	-8.70E+00	0.00E+00	-7.00E+01	-1.97E-04	-7.00E+01	-7.87E+01	-8.70E+00	0.00E+00	0.00E+00	0.00E+00	-1.38E+03
UW71VA	-1.52E-02	8.91E-01	-2.85E-02	9.19E-01	0.00E+00	0.00E+00	1.74E+01	-2.15E-03	4.74E-04	3.86E-03	0.00E+00	-5.35E-04	1.42E-09	-2.05E-07	-5.52E-02	-2.82E+01	0.00E+00	0.00E+00	1.31E+01	-2.47E-01	-7.65E-01	0.00E+00	2.10E-07	2.82E-08	3.97E-04	-2.04E-04	-2.14E+00	0.00E+00	-7.65E-01	-5.66E-05	-7.65E-01	-2.90E+00	-2.14E+00	0.00E+00	0.00E+00	0.00E+00	4.08E+02
UY01R1S	-2.67E-02	2.10E-02	-1.18E-02	3.28E-02	0.00E+00	0.00E+00	-1.99E+00	-2.81E-03	-9.15E-04	-1.22E-02	0.00E+00	-1.22E-04	-2.94E-09	-3.18E-07	-1.78E-02	-9.30E+00	0.00E+00	0.00E+00	-1.55E+00	-5.62E-02	-2.03E+00	0.00E+00	3.80E-08	-3.70E-08	-3.62E-03	-4.63E-05	-1.08E+00	0.00E+00	-2.03E+00	-7.96E-05	-2.03E+00	-3.12E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-9.98E+01
UY02R2N	-1.32E-02	2.27E-01	-1.65E-02	2.43E-01	0.00E+00	0.00E+00	3.39E+00	-1.52E-03	-9.25E-06	-3.58E-03	0.00E+00	-2.01E-04	-9.50E-10	-1.63E-07	-2.95E-02	-8.29E+00	0.00E+00	0.00E+00	2.67E+00	-9.26E-02	-2.40E+00	0.00E+00	6.46E-08	-6.58E-09	-1.27E-03	-7.63E-05	-6.35E-01	0.00E+00	-2.40E+00	-5.34E-05	-2.40E+00	-3.03E+00	-6.35E-01	0.00E+00	0.00E+00	0.00E+00	6.46E+01
UY02R2S	-6.02E-02	-4.49E-01	3.70E-03	-4.53E-01	0.00E+00	0.00E+00	-1.10E+01	-6.17E-03	-2.56E-03	-3.32E-02	0.00E+00	2.99E-19	-1.16E-08	-7.07E-07	2.88E-02	-1.15E+01	0.00E+00	0.00E+00	-1.05E+01	1.06E-18	-3.05E-01	0.00E+00	2.89E-08	-1.27E-07	-1.05E-02	0.00E+00	-1.76E+00	0.00E+00	-3.05E-01	-1.80E-04	-3.05E-01	-2.06E+00	-1.76E+00	0.00E+00	0.00E+00	0.00E+00	-4.89E+02
UY31J1N	2.42E-02	2.01E+00	1.27E-01	1.88E+00	0.00E+00	0.00E+00	3.23E+01	6.22E-05	1.23E-02	2.41E-02	0.00E+00	1.26E-18	5.44E-09	1.70E-07	1.89E-01	-2.88E+01	0.00E+00	0.00E+00	2.39E+01	4.39E-18	3.91E+01	0.00E+00	2.99E-07	1.23E-07	7.46E-03	0.00E+00	-1.15E+00	0.00E+00	3.91E+01	8.65E-06	3.91E+01	3.80E+01	-1.15E+00	0.00E+00	0.00E+00	0.00E+00	8.43E+02
UY32A3N	7.39E-02	3.77E-01	2.04E-01	1.72E-01	0.00E+00	0.00E+00	2.63E+01	-1.68E-03	6.45E-02	-8.74E-04	0.00E+00	1.77E-18	-3.62E-08	5.64E-07	1.54E-01	9.94E+00	0.00E+00	0.00E+00	1.42E+01	5.87E-18	1.70E+00	0.00E+00	2.06E-07	-1.60E-07	-7.84E-03	0.00E+00	4.16E+00	0.00E+00	1.70E+00	-8.62E-05	1.70E+00	5.85E+00	4.16E+00	0.00E+00	0.00E+00	0.00E+00	4.31E+02
UZ005	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UZ25V2	1.30E-03	3.08E-01	4.81E-03	3.03E-01	0.00E+00	0.00E+00	6.49E-01	2.44E-06	2.61E-04	3.00E-03	0.00E+00	7.65E-20	1.01E-10	1.57E-09	1.14E-02	4.23E-01	0.00E+00	0.00E+00	9.32E-01	2.93E-19	3.44E+00	0.00E+00	2.79E-08	1.36E-08	8.63E-04	0.00E+00	1.81E-01	0.00E+00	3.44E+00	1.60E-06	3.44E+00	3.62E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.34E+01
VZ00AS	-1.03E-02	1.94E-01	2.98E-03	1.91E-01	0.00E+00	0.00E+00	-1.82E+00	-1.16E-03	-2.46E-04	-3.51E-03	0.00E+00	8.15E-20	-1.29E-09	-1.34E-07	1.04E-02	-2.93E+00	0.00E+00	0.00E+00	-1.05E+00	3.05E-19	2.83E+00	0.00E+00	2.52E-08	-8.21E-09	-9.77E-04	0.00E+00	-3.58E-01	0.00E+00	2.83E+00	-3.22E-05	2.83E+00	2.47E+00	-3.58E-01	0.00E+00	0.00E+00	0.00E+00	-5.29E+01
VZ413	-2.84E-05	-1.36E-02	-1.20E-03	-1.24E-02	0.00E+00	0.00E+00	-3.29E-02	-3.13E-08	-5.75E-06	-6.39E-05	0.00E+00	-5.59E-06	-1.97E-12	-4.22E-11	-2.04E-03	-2.24E-01	0.00E+00	0.00E+00	-3.07E-03	-2.58E-03	-3.04E-01	0.00E+00	-1.03E-10	-2.96E-10	-2.16E-05	-2.13E-06	-3.49E-02	0.00E+00	-3.04E-01	-1.75E-09	-3.04E-01	-3.39E-01	-3.49E-02	0.00E+00	0.00E+00	0.00E+00	-3.09E-01
VZ415	-5.32E-05	-2.55E-02	-2.25E-03	-2.33E-02	0.00E+00	0.00E+00	-6.17E-02	-5.89E-08	-1.08E-05	-1.20E-04	0.00E+00	-1.05E-05	-3.69E-12	-7.93E-11	-3.83E-03	-4.21E-01	0.00E+00	0.00E+00	-5.83E-03	-4.84E-03	-5.70E-01	0.00E+00	-1.94E-10	-5.56E-10	-4.05E-05	-3.99E-06	-6.55E-02	0.00E+00	-5.70E-01	-3.29E-09	-5.70E-01	-6.36E-01	-6.55E-02	0.00E+00	0.00E+00	0.00E+00	-5.81E-01
FZ8935RMA	-2.86E-03	-5.42E-01	-5.87E-03	-5.36E-01	0.00E+00	0.00E+00	-1.66E+00	-1.71E-04	-4.68E-04	-5.57E-03	0.00E+00	0.00E+00	-4.75E-09	-1.68E-08	-7.67E-03	-8.06E-01	0.00E+00	0.00E+00	-3.35E+00	0.00E+00	-5.41E+00	0.00E+00	-2.38E-08	-4.39E-08	-2.62E-03	0.00E+00	-3.69E-01	0.00E+00	-5.41E+00	-9.25E-06	-5.41E+00	-5.77E+00	-3.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+02