Product Environmental Profile

ENCLOSURE SURFACE GAMMA 26 M



Company information

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A question concerning the Product Environmental Profile:
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References covered

Small distribuation boards plastic: Alfa, Gamma, Golf, IC², Pablo, Vector, Vega, Volta, Accessories.
For complete list of the covered references, see details in Appendix.

Methodology

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

Reference product

Reference product identification
GD213A

Use scenario based on :
PSR product Category : PSR-0005-ed3.1-2023 12 08
3.12 Unequipped enclosures and cabinets

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 375mm x 250mm x 103mm with rated current In 63A, while protecting them against mechanical impacts (IK07) and the penetration of solid objects and liquids (IP30), 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	%
PS	792.75	48.3%	Steel	198.92	12.1%	Cardboard	253.38	15.4%
PC	97.80	6.0%	Brass	46.68	2.8%	Wood	39.08	2.4%
PA6	63.24	3.9%	Copper	41.32	2.5%	Paper	13.92	0.8%
PC	46.20	2.8%	Steel	24.70	1.5%	Tetrabromobisphenol A	0.81	<0.1%
PE-LD	7.82	0.5%	Stainless steel	11.65	0.7%	Other	0.36	<0.1%
HI PS	2.44	0.1%	Other	0.43	<0.1%			
Total mass of reference product with raw material packaging :			**1641.50 g**					
Total mass of reference product (Product + packaging)			**1563,14 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 considered scenario, the product has no energy consumption.

Energy model of the use phase :

Europe

Consumables and maintenance :

None

End of life

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

The recycling potential of the product is: 41%. 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 6.2.4-10 with the database version CODDE® 2024-04 .

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

PEP representative of the covered products marketed in: Europe

Energy models considered for each phase

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

Environmental impact indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Acidification (PEF-AP)	mole H+ eq	3.41E-02	1.60E-03	7.20E-04	0.00E+00	9.22E-03	4.57E-02	-1.64E-02
Climate change - Total (PEF-GWP)	kg CO2 eq.	5.81E+00	2.52E-01	3.19E-01	0.00E+00	1.34E+00	7.73E+00	6.21E-01
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	-3.46E-01	0.00E+00	6.01E-02	0.00E+00	4.63E-02	-2.39E-01	2.55E-02
Climate change-Fossil (PEF-GWPf)	kg CO2 eq.	6.16E+00	2.52E-01	2.59E-01	0.00E+00	1.30E+00	7.97E+00	5.95E-01
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	1.77E+03	1.65E-01	3.73E+00	0.00E+00	6.79E+00	1.78E+03	-1.08E-01
EF-particulate Matter (PEF-PM)	Incidence of diseases	2.00E-07	1.30E-08	4.30E-09	0.00E+00	7.04E-08	2.87E-07	1.92E-09
Eutrophication, freshwater (PEF-Epf)	kg P eq.	7.43E-05	9.46E-08	3.55E-06	0.00E+00	1.55E-05	9.35E-05	-2.20E-03
Eutrophication marine (PEF-Epm)	kg N eq.	4.37E-03	7.49E-04	3.44E-04	0.00E+00	3.63E-03	9.10E-03	9.26E-04
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	4.65E-02	8.21E-03	2.14E-03	0.00E+00	1.45E-02	7.13E-02	-1.81E-03
Human toxicity, cancer (PEF-CTUh-c)	CTUh	6.72E-07	4.43E-12	2.86E-08	0.00E+00	1.19E-09	7.02E-07	-1.82E-09
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	2.01E-07	8.57E-11	8.35E-10	0.00E+00	3.97E-08	2.41E-07	-2.36E-07
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	2.65E+01	6.14E-04	3.86E-02	0.00E+00	9.70E-02	2.66E+01	7.74E-02
Land use (PEF-LU)	No dimension	4.15E-01	0.00E+00	6.91E-04	0.00E+00	2.85E+00	3.26E+00	-1.92E+01
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	1.05E-07	3.87E-10	3.32E-09	0.00E+00	1.67E-07	2.76E-07	1.23E-07
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	1.44E-02	2.07E-03	4.99E-04	0.00E+00	4.28E-03	2.12E-02	-4.63E-04
Resource use, fossils (PEF-ADPf)	MJ	1.84E+02	3.52E+00	2.46E+00	0.00E+00	2.06E+01	2.11E+02	1.42E+01
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	1.14E-04	9.93E-09	6.03E-09	0.00E+00	6.30E-06	1.21E-04	-5.89E-05
Water use (PEF-WU)	m3 eq.	1.66E+00	9.58E-04	1.93E-02	0.00E+00	2.27E+02	2.29E+02	-1.81E+01

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	3.87E-02	2.23E-05	4.50E-04	0.00E+00	7.19E+00	7.23E+00	1.22E+00
Total use of primary energy	MJ	1.92E+02	3.52E+00	2.78E+00	0.00E+00	2.19E+01	2.20E+02	1.21E+01
Total use of non renewable primary energy resources	MJ	1.84E+02	3.52E+00	2.46E+00	0.00E+00	2.06E+01	2.11E+02	1.42E+01
Total use of renewable primary energy resources	MJ	8.03E+00	4.70E-03	3.28E-01	0.00E+00	1.37E+00	9.73E+00	-2.19E+00
Use of non-renewable primary energy, excluding non renewable primary energy resources used as raw materials	MJ	1.45E+02	3.52E+00	2.46E+00	0.00E+00	2.06E+01	1.72E+02	1.42E+01
Use of non-renewable primary energy resources as raw materials	MJ	3.89E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E+01	0.00E+00
Use of non-renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	kg	2.55E+00	4.70E-03	3.28E-01	0.00E+00	1.37E+00	4.25E+00	-2.19E+00
Use of renewable primary energy resources as raw materials	MJ	5.48E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E+00	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	4.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-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	9.44E+00	0.00E+00	6.31E-03	0.00E+00	-9.18E-04	9.45E+00	4.43E-19
Non-hazardous waste disposed	kg	8.93E-01	8.85E-03	1.06E-01	0.00E+00	1.23E-02	1.02E+00	1.65E-18
Radioactive waste disposed	kg	3.36E-04	6.31E-06	1.27E-05	0.00E+00	4.59E-07	3.55E-04	0.00E+00

Output flow indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	MJ	1.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02	0.00E+00
Materials for energy recovery	kg	1.78E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	3.91E-02	0.00E+00
Materials for recycling	kg	3.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-02	0.00E+00

Biogenic carbon content

Packaging	Unit	Cardboard	Paper	Wood	Sum
Biogenic carbon content (ratio)	%	2.80E+01	3.78E+01	3.95E+01	
Mass	kg	2.53E-01	1.39E-02	3.91E-02	3.06E-01
Biogenic carbon content (declared unit)	kg of C	7.09E-02	5.26E-03	1.54E-02	9.17E-02
Biogenic carbon content (functional unit)	kg of C	7.09E-02	5.26E-03	1.54E-02	9.17E-02
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

For each reference in this homogeneous family (see Appendix), the environmental impacts for each phase and indicator are either derived from life-cycle analysis (LCA), or extrapolated: for the use phase, based on power consumption, and for the other phases, based on component weight.

Verification

Registration N°: HAGE-00932-V02.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH37	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 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

Stage	Reference	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.]	Land use ((PEF-LU)	Materials for energy recovery - [kg]
Manufacturing A1 - A3	GD213A	2.81E-02	5.71E+00	-3.60E-01	6.07E+00	1.32E-04	0.00E+00	1.97E+03	6.88E-05	4.25E-03	4.51E-02	1.26E-02	2.76E+00	-1.93E-07	7.77E-08	1.16E+01	3.94E-01	1.71E-02
	B04000	4.23E-03	9.80E-01	-2.48E-02	1.00E+00	0.00E+00	0.00E+00	8.50E+00	2.95E-06	7.12E-04	8.04E-03	1.83E-03	2.11E-01	4.87E-09	5.28E-09	4.44E+00	9.01E-03	2.48E-03
	B04021	3.78E-02	1.02E+01	-5.96E-01	1.05E+01	2.49E-05	0.00E+00	3.23E+02	5.59E-05	6.71E-03	7.45E-02	2.19E-02	8.41E-01	1.08E-07	1.22E-07	1.98E+01	4.07E-01	2.96E-02
	B04085	2.19E-02	6.87E+00	-2.54E-01	7.12E+00	4.16E-04	0.00E+00	7.50E+01	2.86E-05	5.31E-03	5.62E-02	1.53E-02	9.10E-01	5.33E-08	4.51E-08	5.92E+00	1.19E+00	2.07E-02
	B04086	2.68E-02	6.98E+00	-1.82E-01	7.17E+00	5.05E-04	0.00E+00	7.17E+01	2.85E-05	5.04E-03	5.36E-02	1.49E-02	1.11E+00	4.48E-08	5.83E-08	7.25E+00	1.43E+00	2.01E-02
	B04089	3.53E-02	1.13E+01	-5.17E-01	1.18E+01	9.54E-04	0.00E+00	1.26E+02	5.05E-05	8.61E-03	8.98E-02	2.63E-02	1.34E+00	1.00E-07	8.35E-08	8.12E+00	2.69E+00	3.56E-02
	B04090	4.79E-02	1.59E+01	-5.98E-01	1.64E+01	1.58E-03	0.00E+00	1.74E+02	7.19E-05	1.17E-02	1.22E-01	3.59E-02	1.76E+00	1.27E-07	1.16E-07	1.33E+01	4.44E+00	4.85E-02
	B04911	1.89E-03	4.80E-01	-2.45E-02	5.20E-01	2.23E-06	0.00E+00	3.20E+00	1.01E-05	3.83E-04	4.07E-03	1.14E-03	1.48E-01	1.07E-08	2.69E-09	1.91E+00	1.19E-01	1.60E-03
	B04912	1.96E-03	5.28E-01	-2.72E-02	5.60E-01	2.15E-06	0.00E+00	3.24E+00	9.52E-06	4.05E-04	4.40E-03	1.34E-03	1.40E-01	2.28E-08	2.67E-09	1.93E+00	1.30E-01	1.86E-03
	B04917	9.68E-03	1.84E+00	-4.34E-01	2.27E+00	0.00E+00	0.00E+00	1.45E+01	1.17E-05	1.91E-03	1.89E-02	8.25E-03	1.47E-02	5.63E-08	9.82E-09	1.86E+00	4.04E-01	1.12E-02
	B04918	1.29E-02	2.46E+00	-5.65E-01	3.02E+00	0.00E+00	0.00E+00	1.90E+01	1.55E-05	2.54E-03	2.52E-02	1.10E-02	1.88E-02	7.34E-08	1.31E-08	2.01E+00	5.41E-01	1.48E-02
	B04919	1.57E-02	2.95E+00	-7.22E-01	3.67E+00	0.00E+00	0.00E+00	2.37E+01	1.92E-05	3.11E-03	3.08E-02	1.34E-02	2.36E-02	9.35E-08	1.58E-08	2.14E+00	6.49E-01	1.81E-02
	B04925	8.85E-03	1.82E+00	-1.37E-01	1.87E+00	8.89E-06	0.00E+00	3.26E+02	2.27E-05	1.32E-03	1.44E-02	3.61E-03	7.14E-01	5.82E-08	1.34E-08	2.63E+00	2.67E-01	4.85E-03
	B04926	8.80E-03	1.97E+00	-1.66E-01	1.97E+00	9.31E-06	0.00E+00	3.36E+02	2.35E-05	1.46E-03	1.56E-02	4.80E-03	6.97E-01	6.15E-08	1.54E-08	2.69E+00	2.86E-01	6.49E-03
	B04927	1.31E-02	2.83E+00	-3.26E-01	3.16E+00	0.00E+00	0.00E+00	7.91E+02	1.83E-05	2.40E-03	2.48E-02	8.35E-03	6.13E-02	4.71E-08	1.91E-08	1.75E+00	2.50E-01	1.13E-02
	B04928	1.61E-02	3.42E+00	-4.52E-01	3.87E+00	0.00E+00	0.00E+00	7.95E+02	2.11E-05	2.99E-03	3.06E-02	1.06E-02	7.24E-02	6.32E-08	2.15E-08	1.84E+00	3.11E-01	1.43E-02
	B04929	1.96E-02	4.18E+00	-5.61E-01	4.74E+00	0.00E+00	0.00E+00	7.99E+02	2.40E-05	3.65E-03	3.74E-02	1.31E-02	8.51E-02	7.75E-08	2.43E-08	1.94E+00	3.89E-01	1.78E-02
	B04943	8.46E-03	2.17E+00	-2.38E-01	2.41E+00	2.84E-04	0.00E+00	1.80E+01	1.15E-05	1.76E-03	1.80E-02	6.27E-03	3.82E-02	3.73E-08	1.72E-08	4.93E+00	9.42E-01	8.49E-03
	B04944	1.31E-02	3.31E+00	-3.05E-01	3.62E+00	4.13E-04	0.00E+00	2.49E+02	2.00E-05	2.61E-03	2.75E-02	8.72E-03	5.00E+00	4.84E-08	3.55E-08	5.82E+00	1.37E+00	1.18E-02
	B04945	1.58E-02	4.17E+00	-5.59E-01	4.73E+00	5.38E-04	0.00E+00	2.59E+02	2.54E-05	3.53E-03	3.65E-02	1.22E-02	5.56E-02	8.21E-08	3.41E-08	7.08E+00	1.76E+00	1.66E-02
	B04946	2.23E-02	5.48E+00	-4.36E-01	5.92E+00	6.59E-04	0.00E+00	2.64E+02	2.98E-05	4.24E-03	4.47E-02	1.41E-02	9.99E+00	7.15E-08	6.26E-08	8.02E+00	2.18E+00	1.91E-02
	B04947	3.04E-02	8.25E+00	-2.53E-01	8.50E+00	1.04E-03	0.00E+00	2.78E+02	3.87E-05	5.70E-03	6.13E-02	1.96E-02	1.49E+01	5.93E-08	8.70E-08	1.02E+01	3.44E+00	2.66E-02
	B04956	2.25E-02	5.52E+00	-4.36E-01	5.96E+00	6.60E-04	0.00E+00	2.64E+02	2.99E-05	4.27E-03	4.50E-02	1.42E-02	9.99E+00	7.15E-08	6.27E-08	8.06E+00	2.18E+00	1.92E-02
	B04957	3.04E-02	8.20E+00	-2.56E-01	8.46E+00	1.01E-03	0.00E+00	2.77E+02	3.83E-05	5.68E-03	6.11E-02	1.95E-02	1.49E+01	5.92E-08	8.63E-08	1.02E+01	3.35E+00	2.64E-02
	B05169	7.39E-04	1.92E-01	-1.76E-02	2.10E-01	0.00E+00	0.00E+00	2.17E+00	7.28E-07	1.68E-04	1.91E-03	0.00E+00	3.33E-03	2.48E-09	9.49E-10	1.21E+00	1.60E-03	8.79E-04
	B05172	2.92E-03	4.96E-01	-1.77E-02	5.59E-01	1.18E-06	0.00E+00	3.93E+01	5.23E-06	3.99E-04	4.47E-03	1.10E-03	4.62E-01	1.51E-08	5.44E-09	2.14E+00	9.04E-02	1.54E-03
	B05173	3.20E-03	6.93E-01	-2.52E-02	7.43E-01	6.24E-06	0.00E+00	2.03E+02	1.18E-05	5.18E-04	6.21E-03	1.55E-03	6.31E-01	2.32E-08	6.32E-09	2.53E+00	1.01E-01	2.15E-03
	B05174	2.12E-03	1.62E-01	-1.13E-01	1.64E-01	2.86E-05	0.00E+00	9.13E+00	8.34E-05	1.11E-04	1.25E-03	3.65E-04	1.38E+00	1.85E-08	4.43E-09	1.95E+00	1.50E+00	5.14E-04
	B05182	2.75E-03	1.60E-01	-1.13E-01	1.65E-01	2.99E-05	0.00E+00	8.22E+00	8.60E-05	1.04E-04	1.16E-03	3.90E-04	1.71E+00	2.40E-08	9.11E-09	2.10E+00	1.50E+00	5.57E-04
	B05184	3.88E-04	8.58E-02	-3.75E-03	8.96E-02	0.00E+00	0.00E+00	1.10E+00	7.05E-07	4.03E-05	3.91E-04	0.00E+00	6.74E-03	1.86E-09	2.35E-10	3.74E-01	3.10E-03	2.31E-04
	B05186	3.88E-04	8.58E-02	-3.75E-03	8.96E-02	0.00E+00	0.00E+00	1.10E+00	7.05E-07	4.03E-05	3.91E-04	0.00E+00	6.74E-03	1.86E-09	2.35E-10	3.74E-01	3.10E-03	2.31E-04
	B05188	3.08E-03	1.74E-01	-1.62E-02	1.68E-01	3.14E-06	0.00E+00	4.30E+01	1.09E-05	1.32E-04	1.34E-03	4.20E-04	1.45E-01	5.54E-09	6.01E-09	3.53E+00	8.37E-02	5.17E-04
	B05190	3.13E-03	1.39E-01	-1.30E-02	1.39E-01	2.90E-06	0.00E+00	1.35E+02	9.12E-06	1.06E-04	1.08E-03	2.95E-04	8.38E-01	4.34E-08	9.87E-09	2.68E+00	8.18E-02	3.98E-04
	B05191	2.37E-03	1.44E-01	-1.08E-02	1.47E-01	5.77E-06	0.00E+00	5.22E+01	1.20E-05	1.08E-04	1.20E-03	2.85E-04	7.84E-01	2.28E-08	1.36E-08	2.33E+00	1.04E-01	3.95E-04
	B05192	2.37E-03	1.44E-01	-1.08E-02	1.47E-01	5.77E-06	0.00E+00	5.22E+01	1.20E-05	1.08E-04	1.20E-03	2.85E-04	7.84E-01	2.28E-08	1.36E-08	2.33E+00	1.04E-01	3.95E-04
	B05196	2.74E-03	1.80E-01	-1.75E-02	1.72E-01	3.96E-06	0.00E+00	6.29E+00	1.06E-05	9.70E-05	1.14E-03	4.00E-04	1.18E+00	4.42E-08	1.20E-08	3.22E+00	9.42E-02	5.65E-04
	B05197	2.73E-03	4.55E-01	-2.65E-02	4.91E-01	1.48E-06	0.00E+00	3.70E+01	5.43E-06	2.91E-04	3.45E-03	1.10E-03	5.16E-01	1.37E-08	6.27E-09	2.14E+00	1.08E-01	1.54E-03
	B05198	3.03E-03	5.92E-01	-3.26E-02	6.46E-01	5.21E-06	0.00E+00	2.09E+02	1.21E-05	4.50E-04	5.07E-03	1.60E-03	7.94E-01	2.09E-08	6.12E-09	2.33E+00	1.39E-01	2.23E-03
	B05199	2.81E-03	2.54E-01	-1.14E-01	2.79E-01	2.99E-05	0.00E+00	8.07E+00	8.59E-05	1.78E-04	1.86E-03	7.36E-04	1.73E+00	2.39E-08	8.47E-09	2.10E+00	1.50E+00	1.04E-03
	B05762	1.02E-02	2.33E+00	-5.52E-02	2.43E+00	1.45E-05	0.00E+00	9.63E+01	2.34E-05	1.58E-03	1.75E-02	3.89E-03	7.66E-01	2.96E-08	3.19E-08	2.47E+01	2.44E-01	5.30E-03
	B05763	9.93E-03	2.27E+00	-4.26E-02	2.41E+00	1.44E-05	0.00E+00	6.66E+01	2.23E-05	1.54E-03	1.68E-02	3.45E-03	6.44E-01	2.85E-08	2.86E-08	1.63E+01	2.32E-01	4.71E-03
	B05765	1.05E-02	3.09E+00	-6.81E-02	3.12E+00	1.49E-05	0.00E+00	9.89E+01	2.57E-05	2.15E-03	2.29E-02	6.94E-03	7.75E-01	3.44E-08	3.97E-08	2.47E+01	2.47E-01	9.42E-03
	B05767	9.73E-03	1.46E+00	-4.51E-02	1.48E+00	1.45E-05	0.00E+00	7.47E+01	2.05E-05	9.43E-04	1.08E-02	3.26E-03	1.85E+00	2.37E-08	4.63E-08	1.75E+01	2.15E-01	4.39E-03
	B05768	9.66E-03	1.46E+00	-4.48E-02	1.48E+00	1.45E-05	0.00E+00	7.47E+01	2.05E-05	9.41E-04	1.08E-02	3.26E-03	1.85E+00	2.32E-08	4.63E-08	1.75E+01	2.15E-01	4.38E-03
	B05769	2.69E-03	1.26E-01	-1.03E-02	1.32E-01	3.81E-06	0.00E+00	5.01E+01	1.03E-05	8.24E-05	9.10E-04	2.48E-04	1.23E+00	4.49E-08	1.25E-08	3.18E+00	7.76E-02	3.36E-04

Stage	Reference	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	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.]
Manufacturing A1 - A3	GD213A	3.19E-02	2.67E-02	7.30E-01	1.44E+02	3.92E+01	6.06E-08	1.44E-07	1.33E-02	3.09E-04	2.86E+00	5.48E+00	1.83E+02	2.62E-05	1.83E+02	1.91E+02	8.34E+00	0.00E+00	0.00E+00	4.62E-02	1.15E+00
	B04000	9.33E-03	6.00E-03	3.05E-01	2.17E+01	7.22E+00	9.56E-09	2.49E-08	2.22E-03	1.75E-04	1.18E+00	5.39E-01	2.90E+01	4.68E-06	2.90E+01	3.07E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01
	B04021	1.02E-01	7.03E-02	2.60E+00	2.55E+02	6.14E+01	1.82E-07	2.49E-07	2.44E-02	6.09E-04	5.65E+00	1.09E+01	3.42E+02	1.78E-05	3.31E+02	3.35E+02	1.00E+01	0.00E+00	0.00E+00	2.16E-04	3.04E+00
	B04085	5.38E-02	4.25E-02	3.00E+00	1.39E+02	5.90E+01	6.83E-08	1.56E-07	1.62E-02	1.70E-03	5.83E+00	5.87E+00	1.98E+02	2.15E-05	1.98E+02	2.09E+02	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.83E+00
	B04086	6.53E-02	4.18E-02	3.05E+00	1.41E+02	5.72E+01	8.12E-08	1.55E-07	1.57E-02	1.71E-03	6.13E+00	4.96E+00	1.98E+02	1.69E-05	1.98E+02	2.09E+02	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.79E+00
	B04089	1.01E-01	7.17E-02	5.22E+00	2.44E+02	9.46E+01	1.34E-07	2.49E-07	2.66E-02	2.95E-03	8.59E+00	1.11E+01	3.39E+02	3.67E-05	3.39E+02	3.58E+02	1.97E+01	0.00E+00	0.00E+00	0.00E+00	3.08E+00
	B04090	1.47E-01	9.95E-02	7.55E+00	3.49E+02	1.31E+02	1.88E-07	3.38E-07	3.65E-02	4.21E-03	1.22E+01	1.41E+01	4.80E+02	5.12E-05	4.80E+02	5.07E+02	2.63E+01	0.00E+00	0.00E+00	0.00E+00	4.27E+00
	B04911	1.85E-03	2.29E-03	1.12E-01	4.61E+00	4.06E+00	7.21E-09	1.36E-08	1.23E-03	3.74E-05	4.03E-01	3.36E-01	1.20E+01	3.98E-05	1.18E+01	1.27E+01	7.25E-01	0.00E+00	0.00E+00	3.41E-03	9.73E-02
	B04912	2.65E-03	3.30E-03	1.26E-01	5.05E+00	5.05E+00	8.40E-09	1.38E-08	1.31E-03	5.42E-05	4.39E-01	4.94E-01	1.24E+01	3.98E-05	1.27E+01	1.36E+01	8.73E-01	0.00E+00	0.00E+00	6.69E-03	1.39E-01
	B04917	9.60E-03	2.03E-02	7.68E-01	1.51E+01	2.89E+01	2.05E-08	4.99E-08	5.73E-03	5.02E-04	-5.92E-01	6.15E+00	4.41E+01	4.49E-07	4.41E+01	4.96E+01	5.56E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-01
	B04918	1.27E-02	2.71E-02	1.02E+00	2.00E+01	3.87E+01	2.68E-08	6.63E-08	7.63E-03	6.69E-04	-8.21E-01	8.02E+00	5.87E+01	5.97E-07	5.87E+01	6.59E+01	7.20E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
	B04919	1.56E-02	3.27E-02	1.25E+00	2.45E+01	4.65E+01	3.33E-08	8.09E-08	9.30E-03	8.13E-04	-1.11E+00	1.02E+01	7.09E+01	7.21E-07	7.09E+01	8.00E+01	9.09E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+00
	B04925	1.24E-02	1.60E-02	5.22E-01	3.36E+01	1.69E+01	3.68E-08	4.94E-08	4.71E-03	3.05E-04	6.38E-01	2.38E+00	4.73E+01	7.15E-04	5.37E+01	7.20E+01	2.98E+00	0.00E+00	0.00E+00	5.76E-02	7.01E-01
	B04926	1.37E-02	1.65E-02	6.51E-01	2.30E+01	2.00E+01	5.29E-08	7.20E-08	4.70E-03	3.71E-04	6.91E-01	2.44E+00	4.37E+01	3.27E-03	4.48E+01	5.07E+01	3.77E+00	0.00E+00	0.00E+00	6.10E-02	7.22E-01
	B04927	1.28E-02	1.60E-02	6.03E-01	3.31E+01	2.97E+01	6.27E-08	6.81E-08	7.87E-03	3.45E-04	-2.80E-01	4.70E+00	6.28E+01	1.28E-02	6.28E+01	6.72E+01	4.42E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-01
	B04928	1.54E-02	2.00E-02	7.75E-01	4.02E+01	3.67E+01	7.73E-08	8.30E-08	9.69E-03	4.40E-04	-5.42E-01	6.45E+00	7.69E+01	1.59E-02	7.69E+01	8.28E+01	5.91E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-01
	B04929	1.84E-02	2.49E-02	9.65E-01	4.86E+01	4.57E+01	9.45E-08	1.00E-07	1.18E-02	5.49E-04	-7.35E-01	8.01E+00	9.43E+01	1.99E-02	9.43E+01	1.02E+02	7.28E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
	B04943	2.73E-02	1.50E-02	1.25E+00	4.93E+01	1.69E+01	4.02E-08	5.54E-08	5.78E-03	7.28E-04	1.20E+00	3.91E+00	6.62E+01	4.60E-06	6.62E+01	7.13E+01	5.11E+00	0.00E+00	0.00E+00	4.42E-02	6.46E-01
	B04944	3.78E-02	2.32E-02	1.83E+00	5.47E+01	2.46E+01	1.97E-07	1.94E-07	8.55E-03	1.03E-03	4.08E+00	5.15E+00	7.93E+01	6.96E-05	7.93E+01	8.85E+01	9.23E+00	0.00E+00	0.00E+00	4.42E-02	9.97E-01
	B04945	5.44E-02	2.93E-02	2.20E+00	1.04E+02	3.19E+01	6.57E-08	1.06E-07	1.11E-02	1.24E-03	4.28E+00	8.79E+00	1.35E+02	9.96E-06	1.35E+02	1.49E+02	1.31E+01	0.00E+00	0.00E+00	4.42E-02	1.26E+00
	B04946	7.16E-02	3.91E-02	3.21E+00	8.99E+01	3.79E+01	3.77E-07	3.59E-07	1.42E-02	1.84E-03	5.38E+00	7.66E+00	1.28E+02	1.39E-04	1.28E+02	1.41E+02	1.30E+01	0.00E+00	0.00E+00	1.25E-01	1.68E+00
	B04947	1.02E-01	5.75E-02	4.90E+00	1.30E+02	5.84E+01	5.51E-07	5.23E-07	1.97E-02	2.85E-03	9.67E+00	6.46E+00	1.88E+02	2.08E-04	1.88E+02	2.05E+02	1.61E+01	0.00E+00	0.00E+00	2.39E-01	2.47E+00
	B04956	7.17E-02	3.92E-02	3.22E+00	9.08E+01	3.81E+01	3.77E-07	3.60E-07	1.43E-02	1.84E-03	5.62E+00	7.67E+00	1.29E+02	1.39E-04	1.29E+02	1.42E+02	1.33E+01	0.00E+00	0.00E+00	1.25E-01	1.68E+00
	B04957	1.02E-01	5.72E-02	4.84E+00	1.29E+02	5.79E+01	5.49E-07	5.23E-07	1.96E-02	2.81E-03	9.78E+00	6.45E+00	1.87E+02	2.08E-04	1.87E+02	2.04E+02	1.62E+01	0.00E+00	0.00E+00	2.39E-01	2.46E+00
	B05169	7.20E-05	1.77E-03	7.13E-02	2.96E+00	1.54E+00	1.46E-09	4.72E-09	4.90E-04	4.10E-05	2.97E-01	2.72E-01	4.51E+00	4.13E-08	4.51E+00	5.07E+00	5.69E-01	0.00E+00	0.00E+00	0.00E+00	7.59E-02
	B05172	9.37E-03	3.14E-03	1.77E-01	9.23E+00	4.37E+00	1.89E-08	1.96E-08	1.30E-03	3.88E-05	7.27E-01	6.09E-01	1.36E+01	5.61E-06	1.26E+01	1.57E+01	1.11E+00	0.00E+00	0.00E+00	5.16E-02	1.33E-01
	B05173	1.19E-02	5.51E-03	2.52E-01	1.33E+01	7.36E+00	1.71E-08	2.02E-08	1.70E-03	9.98E-05	7.47E-01	6.40E-01	2.16E+01	8.10E-05	2.12E+01	2.42E+01	1.29E+00	0.00E+00	0.00E+00	3.99E-02	2.36E-01
	B05174	4.74E-03	4.29E-02	1.32E-01	9.81E+00	1.00E+00	5.65E-07	2.32E-08	4.48E-04	4.06E-05	5.29E-01	3.63E+00	4.39E+00	4.47E-04	4.53E+00	4.60E+00	5.93E-01	0.00E+00	0.00E+00	2.08E-02	1.11E+00
	B05182	5.18E-03	4.39E-02	1.31E-01	9.77E+00	1.03E+00	5.64E-07	2.34E-08	4.25E-04	4.07E-05	5.32E-01	3.61E+00	4.48E+00	4.47E-04	4.60E+00	4.67E+00	5.86E-01	0.00E+00	0.00E+00	2.18E-02	1.15E+00
	B05184	1.90E-05	3.63E-04	4.05E-02	1.48E+00	4.61E-01	6.06E-09	2.45E-09	1.64E-04	2.69E-05	9.98E-03	6.85E-02	1.94E+00	2.01E-09	1.94E+00	2.02E+00	7.84E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-02
	B05186	1.90E-05	3.63E-04	4.05E-02	1.48E+00	4.61E-01	6.06E-09	2.45E-09	1.64E-04	2.69E-05	9.98E-03	6.85E-02	1.94E+00	2.01E-09	1.94E+00	2.02E+00	7.84E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-02
	B05188	6.34E-03	2.63E-03	1.77E-01	1.35E+01	2.35E+00	9.96E-09	1.37E-08	4.73E-04	6.54E-05	4.26E-01	1.72E-01	6.38E+00	4.26E-06	6.10E+00	6.68E+00	8.13E-01	0.00E+00	0.00E+00	2.01E-05	1.15E-01
	B05190	2.47E-03	3.03E-03	1.40E-01	7.87E+00	1.28E+00	1.83E-08	1.63E-08	3.96E-04	2.87E-05	3.76E-01	1.14E-01	3.36E+00	7.35E-06	3.55E+00	3.78E+00	6.04E-01	0.00E+00	0.00E+00	5.38E-04	1.30E-01
	B05191	4.91E-03	3.05E-03	1.53E-01	2.06E+01	1.38E+00	1.01E-08	1.47E-08	4.35E-04	2.98E-05	4.00E-01	1.09E-01	2.90E+01	2.26E-05	2.29E+01	2.27E+01	6.91E-01	0.00E+00	0.00E+00	5.43E-04	1.30E-01
	B05192	4.91E-03	3.05E-03	1.53E-01	2.06E+01	1.38E+00	1.01E-08	1.47E-08	4.35E-04	2.98E-05	4.00E-01	1.09E-01	2.90E+01	2.26E-05	2.29E+01	2.27E+01	6.91E-01	0.00E+00	0.00E+00	5.43E-04	1.30E-01
	B05196	5.00E-03	3.10E-03	2.37E-01	8.15E+00	9.76E-01	1.32E-08	1.65E-08	4.00E-04	1.28E-04	3.78E-01	1.17E-01	4.17E+00	7.92E-06	4.08E+00	4.43E+00	4.43E-01	0.00E+00	0.00E+00	5.38E-04	1.35E-01
	B05197	9.42E-03	2.82E-03	1.73E-01	8.99E+00	4.32E+00	1.76E-08	1.72E-08	1.07E-03	3.90E-05	7.18E-01	4.48E-01	1.29E+01	9.19E-04	1.20E+01	1.47E+01	1.01E+00	0.00E+00	0.00E+00	3.73E-02	1.20E-01
	B05198	1.05E-02	5.16E-03	2.24E-01	1.11E+01	6.87E+00	1.59E-08	1.91E-08	1.49E-03	7.35E-05	7.40E-01	5.30E-01	1.60E+01	6.98E-04	1.58E+01	1.90E+01	1.05E+00	0.00E+00	0.00E+00	4.41E-02	2.18E-01
	B05199	5.29E-03	4.41E-02	1.32E-01	9.34E+00	1.98E+00	5.63E-07	2.39E-08	6.28E-04	4.05E-05	5.07E-01	3.65E+00	7.15E+00	4.97E-04	7.29E+00	7.97E+00	6.98E-01	0.00E+00	0.00E+00	2.18E-02	1.16E+00
	B05762	2.71E-02	1.47E-02	5.79E-01	5.62E+01	1.42E+01	4.93E-08	4.75E-08	5.19E-03	4.49E-04	1.45E+00	1.54E+00	5.79E+01	2.84E-05	6.64E+01	8.48E+01	3.85E+00	0.00E+00	0.00E+00	9.06E-04	6.37E-01
	B05763	1.62E-02	1.47E-02	5.79E-01	4.84E+01	1.40E+01	4.14E-08	4.69E-08	5.16E-03	4.17E-04	1.15E+00	1.48E+00	5.49E+01	1.58E-05	6.45E+01	8.19E+01	3.43E+00	0.00E+00	0.00E+00	1.08E-04	6.39E-01
	B05765	3.61E-02	1.61E-02	8.74E-01	6.36E+01	2.08E+01	6.05E-08	7.77E-08	6.88E-03	5.21E-04	1.56E+00	1.66E+00	8.32E+01	2.86E-05	8.04E+01	9.00E+01	4.74E+00	0.00E+00	0.00E+00	9.06E-04	7.14E-01
	B05767	1.90E-02	1.48E-02	6.33E-01	3.20E+01	1.40E+01	4.98E-08	4.11E-08	3.35E-03	4.27E-04	1.89E+00	1.45E+00	3.56E+01	2.35E-05	3.96E+01	4.28E+01	3.61E+00	0.00E+00	0.00E+00	1.34E-04	6.20E-01
	B05768	1.90E-02	1.47E-02	6.34E-01	3.20E+01	1.39E+01	4.98E-08	4.11E-08	3.35E-03	4.27E-04	1.89E+00	1.40E+00	3.56E+01	2.35E-05	3.96E+01	4.28E+01	3.55E+00	0.00E+00	0.00E+00	1.34E-04	6.16E-01
	B05769	5.29E-03	3.13E-03	1.10E-01	4.43E+01	6.37E-01	1.28E-08	1.63E-08	3.47E-04	2.92E-05	3.58E-01	8.99E-02	3.26E+00	6.05E-06	3.97E+01	4.01E+01	4.09E-01	0.00E+00	0.00E+00	9.20E-04	1.35E-01

B05770	2.69E-03	1.26E-01	-1.03E-02	1.32E-01	3.81E-06	0.00E+00	5.01E+01	1.03E-05	8.24E-05	9.10E-04	2.48E-04	1.23E+00	4.49E-08	1.25E-08	3.18E+00	7.76E-02	3.36E-04	5.29E-03	3.13E-03	1.10E-01	4.43E+01	6.37E-01	1.28E-08	1.63E-08	3.47E-04	2.92E-05	3.58E-01	8.99E-02	3.26E+00	6.05E-06	3.97E+01	4.01E+01	4.09E-01	0.00E+00	0.00E+00	9.20E-04	1.35E-01
B05774	2.14E-03	2.45E-01	-1.09E-02	2.53E-01	1.61E-06	0.00E+00	5.21E+00	8.29E-06	1.67E-04	1.79E-03	5.04E-04	2.67E-01	9.04E-09	8.15E-09	2.28E+00	7.78E-02	6.98E-04	4.53E-03	3.27E-03	1.34E-01	8.19E+00	1.62E+00	1.63E-08	1.64E-08	6.07E-04	3.38E-05	3.91E-01	1.39E-01	6.41E+00	3.82E-06	6.79E+00	7.70E+00	6.33E-01	0.00E+00	0.00E+00	5.38E-04	1.39E-01
B06521	9.58E-03	2.86E+00	-2.59E-02	2.88E+00	1.20E-04	0.00E+00	2.17E+01	8.61E-06	1.94E-03	2.24E-02	4.47E-03	3.63E-02	1.15E-08	1.48E-08	5.13E+00	3.63E-01	6.05E-03	1.24E-02	1.63E-02	1.06E+00	4.87E+01	1.91E+01	2.36E-08	5.94E-08	6.14E-03	5.27E-04	3.86E+00	1.21E+00	6.79E+01	2.49E-06	6.79E+01	7.29E+01	5.06E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-01
B06522	1.24E-02	3.74E+00	-5.12E-02	3.79E+00	1.71E-04	0.00E+00	3.06E+01	1.24E-05	2.54E-03	2.86E-02	6.34E-03	4.94E-02	1.91E-08	2.05E-08	5.75E+00	5.15E-01	8.58E-03	2.18E-02	2.21E-02	1.43E+00	7.00E+01	2.59E+01	3.84E-08	7.67E-08	8.13E-03	7.45E-04	4.31E+00	1.88E+00	9.59E+01	4.29E-06	9.59E+01	1.02E+02	6.20E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-01
B06523	2.39E-02	7.49E+00	-1.35E-01	7.63E+00	3.33E-04	0.00E+00	1.81E+02	2.74E-05	5.38E-03	5.85E-02	1.45E-02	2.26E-01	4.05E-08	4.94E-08	5.97E+00	9.68E-01	1.97E-02	4.03E-02	4.43E-02	2.99E+00	1.27E+02	6.13E+01	6.31E-08	1.51E-07	1.67E-02	1.62E-03	7.18E+00	4.43E+00	1.88E+02	3.95E-06	1.88E+02	2.00E+02	1.16E+01	0.00E+00	0.00E+00	0.00E+00	1.90E+00
B06524	3.82E-02	1.14E+01	-1.95E-01	1.16E+01	4.94E-04	0.00E+00	2.25E+02	5.04E-05	7.61E-03	8.12E-02	2.07E-02	3.85E-01	8.68E-08	6.14E-08	1.37E+01	1.48E+00	2.80E-02	5.88E-02	6.47E-02	4.81E+00	2.06E+02	8.78E+01	2.08E-07	2.41E-07	2.46E-02	2.73E-03	8.93E+00	6.49E+00	2.94E+02	1.20E-05	2.94E+02	3.09E+02	1.54E+01	0.00E+00	0.00E+00	0.00E+00	2.78E+00
B06525	3.71E-02	1.20E+01	-1.73E-01	1.22E+01	8.64E-04	0.00E+00	5.42E+02	4.93E-05	8.43E-03	9.18E-02	2.33E-02	2.13E-01	6.33E-08	8.53E-08	8.50E+00	2.47E+00	3.16E-02	7.39E-02	6.92E-02	5.12E+00	2.13E+02	9.48E+01	1.11E-07	2.35E-07	2.64E-02	2.75E-03	1.22E+01	6.75E+00	3.08E+02	4.61E-06	3.08E+02	3.27E+02	1.90E+01	0.00E+00	0.00E+00	0.00E+00	2.97E+00
B06526	6.25E-02	1.87E+01	-4.77E-01	1.92E+01	1.15E-03	0.00E+00	6.20E+02	9.37E-05	1.22E-02	1.29E-01	3.31E-02	5.32E-01	1.73E-07	1.05E-07	2.32E+01	3.38E+00	4.48E-02	1.08E-01	1.03E-01	8.34E+00	3.56E+02	1.35E+02	4.08E-07	3.93E-07	3.98E-02	4.68E-03	1.36E+01	1.26E+01	4.91E+02	2.05E-05	4.91E+02	5.17E+02	2.62E+01	0.00E+00	0.00E+00	0.00E+00	4.44E+00
B06527	8.82E-02	2.65E+01	-5.37E-01	2.70E+01	1.82E-03	0.00E+00	1.44E+03	1.39E-04	1.70E-02	1.79E-01	4.74E-02	7.16E-01	2.37E-07	1.51E-07	3.31E+01	5.33E+00	6.42E-02	1.60E-01	1.45E-01	1.19E+01	5.11E+02	1.90E+02	5.94E-07	5.55E-07	5.59E-02	6.73E-03	1.92E+01	1.62E+01	7.01E+02	3.02E-05	7.01E+02	7.36E+02	3.54E+01	0.00E+00	0.00E+00	0.00E+00	6.21E+00
B06528	1.74E-01	4.95E+01	-2.42E-01	4.97E+01	2.56E-03	0.00E+00	1.35E+03	2.72E-04	2.75E-02	2.88E-01	6.33E-02	1.90E+00	4.69E-07	2.35E-07	8.62E+01	8.59E+00	8.57E-02	2.13E-01	2.51E-01	3.14E+01	9.04E+02	2.99E+02	1.68E-06	1.16E-06	9.84E-02	1.88E-02	3.46E+01	2.06E+01	1.20E+03	4.03E-05	1.20E+03	1.26E+03	5.52E+01	0.00E+00	0.00E+00	0.00E+00	1.08E+01
B06534	1.50E-02	3.36E+00	-5.47E-02	3.41E+00	1.20E-04	0.00E+00	2.44E+02	4.78E-05	2.12E-03	2.51E-02	5.16E-03	2.10E+00	3.21E-07	5.18E-08	1.70E+01	4.56E-01	6.99E-03	2.43E-02	1.75E-02	7.42E-01	6.05E+01	2.09E+01	3.97E-08	8.91E-08	6.99E-03	2.85E-04	3.68E+00	1.28E+00	8.14E+01	3.28E-05	8.14E+01	8.64E+01	4.95E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-01
B06537	2.11E-02	4.55E+00	-8.68E-02	4.64E+00	1.71E-04	0.00E+00	2.50E+02	7.73E-05	2.88E-03	3.36E-02	7.30E-03	3.49E+00	5.32E-07	8.46E-08	2.07E+01	6.68E-01	9.89E-03	4.12E-02	2.54E-02	1.03E+00	8.93E+01	2.79E+01	6.33E-08	1.25E-07	9.66E-03	4.26E-04	4.47E+00	1.98E+00	1.17E+02	5.47E-05	1.17E+02	1.24E+02	6.45E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
B06540	4.09E-02	8.81E+00	-5.94E-01	9.40E+00	3.33E-04	0.00E+00	1.29E+03	1.50E-04	6.24E-03	6.90E-02	1.76E-02	6.20E+00	9.64E-07	1.57E-07	2.95E+01	1.26E+00	2.38E-02	7.21E-02	4.76E-02	2.10E+00	1.58E+02	6.18E+01	1.37E-07	2.47E-07	1.99E-02	8.93E-04	5.39E+00	9.43E+00	2.20E+02	9.02E-05	2.20E+02	2.35E+02	1.48E+01	0.00E+00	0.00E+00	0.00E+00	2.04E+00
B06541	6.38E-02	1.40E+01	-6.72E-01	1.46E+01	8.65E-04	0.00E+00	1.96E+03	2.64E-04	9.49E-03	1.06E-01	2.71E-02	1.10E+01	1.71E-06	2.82E-07	4.21E+01	2.98E+00	3.67E-02	1.19E-01	7.69E-02	3.83E+00	2.50E+02	9.68E+01	2.21E-07	3.87E-07	3.07E-02	1.67E-03	1.03E+01	1.20E+01	3.47E+02	1.58E-04	3.47E+02	3.69E+02	2.23E+01	0.00E+00	0.00E+00	2.78E-02	3.30E+00
B06542	5.93E-02	1.22E+01	-7.69E-01	1.30E+01	4.94E-04	0.00E+00	1.63E+03	2.55E-04	8.65E-03	9.47E-02	2.51E-02	1.10E+01	1.71E-06	2.60E-07	4.12E+01	2.13E+00	3.40E-02	1.10E-01	7.72E-02	3.88E+00	2.25E+02	9.11E+01	1.92E-07	3.65E-07	2.81E-02	1.86E-03	7.12E+00	1.29E+01	3.16E+02	1.67E-04	3.16E+02	3.36E+02	2.00E+01	0.00E+00	0.00E+00	0.00E+00	3.32E+00
B06544	1.18E-01	2.66E+01	-6.93E-01	2.73E+01	1.82E-03	0.00E+00	4.23E+03	5.30E-04	1.73E-02	1.89E-01	5.01E-02	2.18E+01	3.35E-06	5.50E-07	7.35E+01	6.77E+00	6.78E-02	2.37E-01	1.66E-01	1.01E+01	4.87E+02	1.95E+02	4.24E-07	7.35E-07	5.79E-02	5.12E-03	1.75E+01	1.65E+01	6.82E+02	3.35E-04	6.82E+02	7.16E+02	3.40E+01	0.00E+00	0.00E+00	5.57E-02	7.13E+00
B08700	9.86E-02	1.86E+01	-1.47E+00	2.01E+01	1.79E-04	0.00E+00	2.62E+02	6.58E-04	1.58E-02	1.62E-01	8.00E-02	8.07E-01	3.20E-07	2.81E-07	1.36E+02	1.15E+01	1.08E-01	9.31E-02	7.16E-01	2.72E+00	3.62E+02	1.52E+02	6.13E-06	5.76E-07	5.58E-02	1.14E-03	1.52E+01	3.54E+01	5.11E+02	4.85E-06	5.13E+02	5.64E+02	5.06E+01	0.00E+00	0.00E+00	0.00E+00	3.07E+01
B08702	9.90E-02	1.87E+01	-1.47E+00	2.02E+01	1.79E-04	0.00E+00	2.63E+02	6.62E-04	1.59E-02	1.62E-01	8.03E-02	8.11E-01	3.20E-07	2.83E-07	1.37E+02	1.15E+01	1.09E-01	9.35E-02	7.20E-01	2.72E+00	3.63E+02	1.52E+02	6.17E-06	5.78E-07	5.60E-02	1.14E-03	1.53E+01	3.54E+01	5.13E+02	4.87E-06	5.15E+02	5.66E+02	5.07E+01	0.00E+00	0.00E+00	0.00E+00	3.09E+01
B08704	2.81E-02	7.12E+00	-2.78E-01	7.48E+00	3.43E-05	0.00E+00	6.46E+01	1.26E-04	5.07E-03	5.42E-02	1.83E-02	2.40E-01	1.14E-07	7.71E-08	6.06E+00	1.46E+00	2.49E-02	7.13E-02	1.12E-01	2.21E+00	4.31E+03	5.54E+01	9.02E-07	3.33E-07	1.74E-02	6.27E-04	6.63E+00	6.85E+00	4.63E+03	4.38E-06	4.35E+03	4.32E+03	1.11E+01	0.00E+00	0.00E+00	4.64E-03	3.99E+00
B08705	2.90E-02	8.04E+00	-3.03E-01	8.41E+00	3.72E-05	0.00E+00	6.76E+01	1.32E-04	5.59E-03	6.15E-02	1.91E-02	2.57E-01	1.16E-07	8.22E-08	6.08E+00	1.68E+00	2.60E-02	7.25E-02	1.27E-01	2.23E+00	4.32E+03	5.58E+01	1.02E-06	3.38E-07	2.02E-02	6.28E-04	6.76E+00	7.20E+00	4.64E+03	6.64E-06	4.36E+03	4.33E+03	1.16E+01	0.00E+00	0.00E+00	4.89E-03	4.68E+00
B08712	3.71E-03	7.32E-01	-2.80E-02	7.75E-01	7.68E-06	0.00E+00	1.05E+02	1.53E-05	5.53E-04	6.21E-03	1.61E-03	5.93E-01	9.19E-09	8.38E-09	4.15E+00	9.31E-02	2.21E-03	1.09E-02	5.97E-03	2.44E-01	1.94E+01	8.00E+00	2.79E-08	2.25E-08	1.77E-03	1.33E-04	7.71E-01	6.02E-01	2.28E+01	5.41E-06	2.27E+01	2.45E+01	1.36E+00	0.00E+00	0.00E+00	1.18E-03	2.55E-01
B08716	3.70E-03	7.08E-01	-2.77E-02	7.56E-01	7.44E-06	0.00E+00	9.57E+01	1.52E-05	5.42E-04	6.33E-03	1.55E-03	5.63E-01	6.93E-09	8.37E-09	4.15E+00	9.31E-02	2.13E-03	1.34E-02	5.76E-03	2.43E-01	1.92E+01	7.93E+00	1.86E-08	2.15E-08	1.77E-03	1.30E-04	7.20E-01	6.76E-01	2.48E+01	5.40E-06	2.32E+01	2.63E+01	1.31E+00	0.00E+00	0.00E+00	4.13E-03	2.45E-01
FV22A	1.08E-01	2.44E+01	-8.26E-01	2.55E+01	3.89E-05	0.00E+00	7.81E+02	3.06E-04	1.93E-02	2.26E-01	6.23E-02	4.37E+00	1.13E-07	2.56E-07	1.08E+02	8.83E-01	8.12E-02	7.54E-02	3.37E-01	2.54E+00	5.81E+02	9.39E+01	1.69E-06	6.49E-07	6.64E-02	8.14E-04	6.36E+00	1.26E+01	7.58E+02	6.70E-05	7.40E+02	8.46E+02	1.97E+01	0.00E+00	0.00E+00	2.77E-02	1.51E+01
FV32A	9.74E-02	2.45E+01	-8.62E-01	2.53E+01	2.60E-04	0.00E+00	2.10E+03	2.95E-04	1.86E-02	2.13E-01	6.24E-02	1.03E+01	6.07E-08	2.98E-07	1.08E+02	2.37E+00	8.13E-02	1.56E-01	3.02E-01	2.63E+00	5.68E+02	1.20E+02	1.72E-06	6.40E-07	6.37E-02	9.57E-04	6.91E+00	1.53E+01	7.57E+02	2.82E-04	7.37E+02	8.46E+02	2.17E+01	0.00E+00	0.00E+00	4.21E-02	1.34E+01
FV62A	1.01E-01	2.52E+01	-8.49E-01	2.60E+01	1.02E-04	0.00E+00	1.95E+03	3.05E-04	1.94E-02	2.14E-01	6.79E-02	7.83E+00	6.25E-08	3.37E-07	1.10E+02	5.29E+00	8.94E-02	9.13E-02	3.16E-01	2.62E+00	6.63E+02	1.23E+02	1.72E-06	6.64E-07	6.58E-02	9.46E-04	6.99E+00	2.04E+01	9.09E+02	2.06E-04	8.86E+02	9.92E+02	2.48E+01	0.00E+00	0.00E+00	4.24E-02	1.40E+01
FV72A	1.01E-01	2.51E+01	-1.02E+00	2.59E+01	1.10E-04	0.00E+00	1.95E+03	3.50E-04	1.99E-02	2.22E-01	7.20E-02	8.25E+00	7.23E-08	3.37E-07	1.13E+02	5.64E+00	9.36E-02	8.83E-02	4.11E-01	2.64E+00	6.80E+02	1.22E+02	3.54E-06	7.00E-07	6.61E-02	9.75E-04	8.85E+00	2.38E+01	9.23E+02	2.04E-04	9.03E+02	1.02E+03	2.60E+01	0.00E+00	0.00E+00	4.21E-02	1.76E+01
GA01A	1.45E-02	3.94E+00	-1.89E-01	4.13E+00	0.00E+00	0.00E+00	1.06E+01	6.52E-06	2.74E-03	2.94E-02	4.28E-03	4.57E-02	2.51E-08	3.14E-08	1.63E+00	1.53E-01	5.79E-03	3.67E-01	3.48E-02	4.81E-01	2.26E+02	1.18E+01	7.88E-08	7.50E-08	1.08E-02	2.34E-04	1.94E-01	2.71E+00	2.37E+02	6.63E-07	2.37E+02	2.40E+02	2.90E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
GA01B	1.51E-02	4.14E+00	-1.89E-01	4.32E+00	0.00E+00	0.00E+00	1.14E+01	7.09E-06	2.87E-03	3.08E-02	4.64E-03	5.11E-02	2.53E-08	3.26E-08	1.66E+00	1.77E-01	6.28E-03	3.68E-01	3.60E-02	5.45E-01	2.28E+02	1.35E+01	9.02E-08	7.83E-08	1.13E-02	2.63E-04	2.02E-01	2.75E+00	2.41E+02	7.36E-07	2.41E+02	2.44E+02	2.95E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
GA055N	1.09E-02	2.88E+00	-2.20E-01	3.10E+00	0.00E+00	0.00E+00	1.52E+01	9.66E-06	2.32E-03	2.48E-02	6.97E-03	1.97E-01	2.86E-08	2.13E-08	3.26E+00	2.98E-01	9.43E-03	2.29E-02	2.22E-02	1.03E+00	5.55E+01	2.25E+01	1.55E-07	6.42E-08	9.02E-03	4.30E-04	8.50E-01	3.28E+00	7.80E+01	1.68E-05	7.80E+01	8.22E+01	4.13E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-01
GD018E	3.86E-02	7.11E+00	-2.64E-01	7.35E+00	7.70E-05	0.00E+00	3.94E+02	8.50E-05	5.28E-03	5.64E-02	1.59E-02	3.54E+00	6.21E-08	1.04E-07	9.15E+00	9.06E-01	2.17E-02	2.09E-01	4.32E-02	1.12E+00	1.87E+02	4.47E+01	7.87E-08	1.89E-07	1.80E-02	3.11E-04	3.09E+00	4.62E+00	2.37E+02	2.46E-03	2.34E+02	2.41E+02	7.24E+00	0.00E+00	0.00E+00	4.50E-02	1.86E+00
GD102A	1.73E-03	4.42E-01	-2.13E-02	4.63E-01	2.43E-06	0.00E+00	2.05E+02	3.62E-06	3.22E-04	3.41E-03	1.18E-03	3.18E-03	5.44E-09	2.82E-09	1.60E+00	5.49E-02	1.60E-03	1.37E-03	2.73E-03	8.86E-02	4.37E+00	5.38E+00	3.19E-09	9.26E-09	1.00E-03	5.56E-05	1.25E-01	3.60E-01	9.75E+00	7.82E-08	9.75E+00	1.02E+01	4.85E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
GD102B	1.53E-03	4.40E-01	-3.08E-02	4.71E-01	2.43E-06	0.00E+00	2.05E+02	3.75E-06	3.37E-04	3.53E-03	1.23E-03	3.44E-03	6.41E-09	2.84E-09	1.60E+00	5.49E-02	1.67E-03	1.44E-03	2.77E-03	9.35E-02	4.47E+00	5.38E+00	3.45E-09	9.54E-09	1.04E-03	5.79E-05	9.84E-02	4.82E-01	9.85E+00	8.10E-08	9.85E+00	1.04E+01	5.81E-01	0.00E+00	0.00E+00	0.00E+00	1.19E-01
GD102E	1.60E-03	3.83E-01	-2.12E-02	4.04E-01	2.43E-06	0.00E+00	1.20E+01	1.26E-06	2.85E-04	3.00E-03	1.15E-03	2.59E-03	4.32E-09	1.32E-09	1.60E+00	5.49E-02	1.55E-03	1.33E-03	2.66E-03	8.33E-02	3.70E+00	5.13E+00	2.09E-09	8.35E-09	9.01E-04	5.53E-05	1.24E-01	3.57E-01	8.83E+00	6.61E-08	8.83E+00	9.31E+00	4.81E-01	0.00E+00	0.00E+00	0.00E+00	1.14E-01
GD102N	1.73E-03	4.42E-01	-2.13E-02	4.63E-01	2.43E-06	0.00E+00	2.05E+02	3.62E-06	3.22E-04	3.41E-03	1.18E-03	3.18E-03	5.44E-09	2.82E-09	1.60E+00	5.49E-02	1.60E-03	1.37E-03	2.73E-03	8.86E-02	4.37E+00	5.38E+00	3.19E-09	9.26E-09	1.00E-03	5.56E-05	1.25E-01	3.60E-01	9.75E+00	7.82E-08	9.75E+00	1.02E+01	4.85E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
GD102T	2.02E-03	2.40E-01	-2.18E-02	2.35E-01	4.53E-06	0.00E+00	1.05E+02	5.99E-06	1.68E-04	1.69E-03	6.26E-04	4.89E-01	3.10E-08	7.57E-09	2.03E+00	1.13E-01	8.50E-04	1.51E-03	3.19E-03	8.80E-02	4.35E+00	3.05E+00	3.22E-09	6.07E-09	5.14E-04	5.65E-05	2.15E-01	2.23E-01	6.30E+00	4.51E-06	6.49E+00	6.75E+00	5.18E-01	0.00E+00	0.00E+00	0.00E+00	1.36E-01
GD104E	4.64E-03	1.15E+00	-3.97E-02	1.19E+00	2.45E-06	0.00E+00	1.12E+03	3.78E-05	8.36E-04	8.89E-03	2.45E-03	8.98E-01	1.17E-07	2.60E-08	1.97E+00	1.49E-01	3.32E-03	6.86E-03	7.30E-03	2.78E-01	1.27E+01	1.09E+01	2.25E-08	3.45E-08	2.64E-03	1.55E-04	3.16E-01	7.43E-01	2.36E+01	1.61E-04	2.36E+01	2.47E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-01
GD104T	2.96E-03	5.38E-01	-3.89E-02	5.95E-01	3.40E-06	0.00E+00	5.40E+02	2.28E-05	4.46E-04	4.37E-03	1.70E-03	2.38E-01	4.66E-08	1.20E-08	2.31E+00	1.33E-01	2.29E-03	4.16E-03	4.30E-03	1.56E-01	6.95E+00	5.39E+00	1.24E-08	1.72E-08	1.26E-03	8.11E-05	2.61E-01	5.87E-01	1.23E+01	4.00E-05	1.16E+01	1.25E+01	8.73E-01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
GD106A	5.00E-03	1.23E+00	-5.73E-02	1.29E+00	2.45E-06	0.00E+00	1.13E+03	3.82E-05	9.14E-04	9.67E-03	2.78E-03	8.99E-01	1.19E-07	2.62E-08	3.41E+00	1.58E-01	3.76E-03	7.24E-03	7.92E-03	2.95E-01	1.36E+01	1.20E+01	2.29E-08	3.66E-08	2.86E-03	1.65E-04	2.96E-01	9.68E-01	2.56E+01	1.29E-05	2.56E+01	2.69E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-01
GD106B	3.80E-03	1.11E+00	-9.09E-02	1.20E+00	2.43E-06	0.00E+00	1.02E+03	1.54E-05	8.70E-04	9.04E-03	2.83E-03	9.75E-03	2.16E-08	1.07E-08	1.91E+00	1.09E-01	3.83E-03	3.29E-03	6.16E-03	2.58E-01	1.18E+01	1.19E+01	1.13E-08	2.40E-08	2.60E-03	1.50E-04	8.51E-02	1.37E+00	2.38E+01	2.06E-07	2.38E+01	2.52E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-01
GD106E	5.00E-03	1.23E+00	-5.73E-02	1.29E+00	2.45E-06	0.00E+00	1.13E+03	3.82E-05	9.14E-04	9.67E-03	2.78E-03	8.99E-01	1.19E-07	2.62E-08	3.41E+00	1.58E-01	3.76E-03	7.24E-03	7.92E-03	2.95E-01	1.36E+01	1.20E+01	2.29E-08	3.66E-08	2.86E-03	1.65E-04	2.96E-01	9.68E-01	2.56E+01	1.29E-05	2.56E+01	2.69E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-01
GD106N	6.36E-03	1.35E+00	-5.57E-02	1.40E+00	2.47E-06	0.00E+00	1.23E+03	6.14E-05	1.01E-03	1.07E-02	2.91E-03	1.79E+00	2.21E-07	4.19E-08	4.95E+00	2.07E-01	3.95E-03	1.14E-02	9.85E-03	3.50E-01	1.57E+01	1.22E+01	3.55E-08	5.02E-08	3.24E-03	1.88E-04	4.17E-01	9.82E-01	2.79E+01	2.57E-05	2.79E+01	2.93E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-01
GD106Y	5.17E-03	1.24E+00	-5.06E-02	1.32E+00	3.00E-06	0.00E+00	1.17E+03	4.65E-05	9.20E-04	9.86E-03	2.76E-03	1.29E+00	1.13E-07	3.17E-08	3.86E+00	1.60E-01	3.76E-03	8.15E-03	8.77E-03	3.00E-01	1.40E+01	1.21E+01	2.26E-08	4.14E-08	2.94E-03	1.70E-04	3.12E-01	7.66E-01	2.65E+01	4.91E-05	2.66E+01	2.74E+01	1.14E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-01
GD108A	5.53E-03	1.38E+00	-9.21E-02	1.47E+00	2.46E-06	0.00E+00	1.17E+03	4.41E-05	1.07E-03	1.12E-02	3.34E-03	7.18E-01	1.16E-07	2.64E-08	2.98E+00	1.91E-01	4.52E-03	7.99E-03	8.96E-03	3.70E-01	1.51E+01	1.39E+01	2.08E-08	3.79E-08	3.31E-03	2.13E-04	3.19E-01	1.45E+00	2.90E+01	2.15E-04	2.90E+01	3.07E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-01
GD108E	5.53E-03	1.38E+00	-9.21E-02	1.47E+00	2.46E-06	0.00E+00	1.17E+03	4.41E-05	1.07E-03	1.12E-02	3.34E-03	7.18E-01	1.16E-07	2.64E-08	2.98E+00	1.91E-01	4.52E-03	7.99E-03	8.96E-03	3.70E-01	1.51E+01	1.39E+01	2.08E-08	3.79E-08	3.31E-03	2.13E-04	3.19E-01	1.45E+00	2.90E+01	2.15E-04	2.90E+01	3.07E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-01
GD108N	6.74E-03	1.49E+00	-9.13E-02	1.58E+00	2.48E-06	0.00E+00	1.32E+03	7.25E-05	1.17E-03	1.23E-02	3.47E-03	1.43E+00	2.08E-07	4.14E-08	4.36E+00	2.49E-01	4.70E-03	1.23E-02	1.06E-02	4.12E-01	1.69E+01	1.40E+01	2.89E-08	4.82E-08	3.65E-03	2.30E-04	4.00E-01	1.47E+00	3.09E+01	2.25E-04	3.09E+01	3.28E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-01
GD110A	6.14E-03	1.53E+00	-1.21E-01	1.65E+00	2.46E-06	0.00E+00	1.17E+03	4.48E-05	1.21E-03	1.27E-02	3.90E-03	7.20E-01	1.20E-07	2.69E-08	3.01E+00	2.10E-01	5.28E-03	8.65E-03	1.01E-02	4.09E-01	1.66E+01	1.58E+01	2.21E-08	4.16E-08	3.72E-03	2.38E-04	2.79E-01	1.85E+00	3.25E+01	2.60E-04	3.25E+01	3.46E+01	2.13E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-01
GD110E	6.14E-03	1.53E+00	-1.21E-01	1.65E+00	2.46E-06	0.00E+00	1.17E+03	4.48E-05	1.21E-03	1.27E-02	3.90E-03	7.20E-01	1.20E-07	2.69E-08	3.01E+00	2.10E-01	5.28E-03	8.65E-03	1.01E-02	4.09E-01	1.66E+01	1.58E+01	2.21E-08	4.16E-08	3.72E-03	2.38E-04	2.79E-01	1.85E+00	3.25E+01	2.60E-04	3.25E+01	3.46E+01	2.13E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-01
GD110N	7.39E-03	1.64E+00	-1.19E-01	1.76E+00	2.48E-06	0.00E+00	1.32E+03	7.32E-05	1.31E-03	1.38E-02	4.04E-03	1.43E+00	2.12E-07	4.20E-08	4.39E+00	2.70E-01	5.47E-03	1.29E-02	1.18E-02	4.65E-01	1.85E+01	1.60E+01	3.03E-08	5.21E-08	4.09E-03	2.63E-04	3.69E-01	1.86E+00	3.46E+01	2.70E-04	3.46E+01	3.68E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-01
GD113A	1.87E-02	3.73E+00	-3.25E-01	4.06E+00	6.65E-05	0.00E+00	1.02E+03	4.37E-05	2.91E-03	3.07E-02	8.88E-03	3.03E+00	4.72E-08	6.92E-08	1.20E+01	2.02E-01	1.20E-02	1.94E-02	1.84E-02	5.23E-01	8.64E+01	2.80E+01	4.51E-08	1.08E-07	9.04E-03	2.07E-04	1.94E+00	4.67E+00	1.14E+02	3.31E-05	1.14E+02	1.21E+02	6.61E+00	0.00E+00	0.00E+00	2.38E-02	7.89E-01
GD113D	9.73E-03	3.08E+00	-8.11E-02	3.30E+00	8.75E-05	0.00E+00	1.19E+03	1.18E-04	2.43E-03	2.39E-02	8.42E-03	2.20E+00	7.31E-07	5.59E-08	1.31E+01	9.14E-01	1.15E-02	2.94E-02	2.07E-02	7.76E-01	6.33E+01	2.46E+01	7.53E-08	9.95E-08	7.94E-03	3.45E-04	1.87E+00	1.63E+00	9.04E+01	3.09E-04	8.56E+01	9.13E+01	5.33E+00	0.00E+00	0.00E+00	2.11E-02	8.87E-01
GD113F	1.96E-02	3.82E+00	-7.98E-02	4.12E+00	1.00E-04	0.00E+00	1.95E+03	5.35E-05	2.89E-03	3.02E-02	8.86E-03	5.05E+00	2.32E-08	1.04E-07	2.32E+01	2.60E-01	1.20E-02	2.57E-02	2.25E-02	7.62E-01	7.68E+01	2.68E+01	6.86E-08	1.38E-07	9.28E-03	3.46E-04	2.04E+00	1.83E+00	1.14E+02	9.01E-04	1.09E+02	1.16E+02	5.33E+00	0.00E+00	0.00E+00	5.10E-02	9.80E-01
GD113H	2.50E-02	4.19E+00	-8.31E-02	4.42E+00	9.12E-05	0.00E+00	1.17E+03	1.32E-04	3.21E-03	3.37E-02	1.01E-02	4.69E+00	9.32E-07	1.08E-07	1.54E+01	1.10E+00	1.38E-02	3.43E-02	2.86E-02	7.82E-01	7.62E+01	2.83E+01	9.54E-08	1.51E-07	1.06E-02	3.54E-04	2.15E+00	1.97E+00	1.14E+02	3.21E-04	1.12E+02	1.21E+02	5.67E+00	0.00E+00	0.00E+00	2.12E-02	1.24E+00
GD113J	9.51E-03	2.99E+00	-7.79E-02	3.27E+00	8.72E-05	0.00E+00	1.87E+03	4.90E-05	2.41E-03	2.39E-02	8.30E-03	2.27E+00	3.17E-08	6.17E-08	1.61E+01	2.57E-01	1.13E-02	2.37E-02	1.98E-02	7.59E-01	7.20E+01	2.61E+01	6.65E-08	6.82E-08	7.72E-03	3.48E-04	2.05E+00	1.62E+00	9.40E+01	2.30E-04	8.93E+01	9.49E+01	5.10E+00	0.00E+00	0.00E+00	4.72E-02	8.48E-01
GD113M	9.59E-03	3.13E+00	-7.79E-02	3.41E+00	8.72E-05	0.00E+00	1.87E+03	4.90E-05	2.45E-03	2.43E-02	8.43E-03	2.57E+00	3.18E-08	6.37E-08	1.64E+01	2.57E-01	1.15E-02	2.40E-02	2.00E-02	7.69E-01	7.21E+01	2.61E+01	6.68E-08	8.42E-08	7.99E-03	3.48E-04	2.05E+00	1.62E+00	9.46E+01	2.30E-04	9.04E+01	9.64E+01	5.21E+00	0.00E+00	0.00E+00	4.72E-02	8.56E-01
GD113S	2.90E-02	4.55E+00	-3.17E-01	4.86E+00	7.95E-05	0.00E+00	1.97E+03	5.59E-05	3.56E-03	3.78E-02	1.01E-02	8.70E+00	5.54E-08	1.79E-07	3.66E+01	2.44E-01	1.36E-02	2.48E-02	3.10E-02	7.37E-01	1.04E+02	2.95E+01	8.81E-08	1.70E-07	1.16E-02	2.76E-04	2.46E+00	4.67E+00	1.34E+02	9.54E-05	1.34E+02	1.41E+02	7.13E+00	0.00E+00	0.00E+00	4.62E-02	1.33E+00
GD113U	2.35E-02	4.07E+00	-2.35E-01	4.35E+00	1.01E-04	0.00E+00	2.01E+03	5.87E-05	2.87E-03	3.13E-02	9.30E-03	7.07E+00	3.93E-08	1.35E-07	2.71E+01	2.71E-01	1.26E-02	2.90E-02	2.78E-02	7.15E-01	8.62E+01	2.88E+01	9.23E-08	1.50E-07	9.59E-03	2.84E-04	2.16E+00	3.60E+00	1.19E+02	8.44E-04	1.16E+02	1.23E+02	5.38E+00	0.00E+00	0.00E+00	5.20E-02	1.20E+00
GD118A	2.04E-02	4.36E+00	-2.41E-01	4.60E+00	1.73E-04	0.00E+00	1.15E+03	3.61E-05	3.24E-03	3.46E-02	1.03E-02	3.67E+00	4.29E-08	8.94E-08	1.39E+01	6.99E-01	1.39E-02	1.76E-02	2.89E-02	9.72E-01	9.76E+01	3.53E+01	5.55E-08	1.24E-07	1.05E-02	4.99E-04	3.42E+00	3.99E+00	1.33E+02	4.06E-05	1.33E+02	1.40E+02	7.41E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
GD118M	2.48E-02	4.10E+00	-2.51E-01	4.25E+00	2.07E-04	0.00E+00	8.12E+02	4.30E-05	3.20E-03	3.37E-02	1.04E-02	6.86E+00	5.26E-08	1.14E-07	1.70E+01	8.69E-01	1.41E-02	2.96E-02	3.32E-02	1.15E+00	7.81E+01	3.38E+01	9.59E-08	1.73E-07	1.05E-02	6.28E-04	3.28E+00	4.33E+00	1.16E+02	3.77E-04	1.11E+02	1.20E+02	7.69E+00	0.00E+00	0.00E+00	1.72E-02	1.44E+00
GD118S	3.24E-02	5.38E+00	-2.34E-01	5.61E+00	1.97E-04	0.00E+00	2.25E+03	4.86E-05	4.05E-03	4.34E-02	1.18E-02	1.01E+01	5.26E-08	2.14E-07	2.62E+01	7.68E-01	1.60E-02	3.03E-02	4.39E-02	1.27E+00	1.22E+02	3.71E+01	1.05E-07	1.96E-07	1.36E-02	6.10E-04	3.96E+00	4.20E+00	1.59E+02	1.11E-04	1.59E+02	1.67E+02	8.16E+00	0.00E+00	0.00E+00	4.04E-02	1.88E+00
GD213B	3.96E-02	6.71E+00	-3.46E-01	7.06E+00	1.89E-04	0.00E+00	2.15E+03	7.26E-05	5.01E-03	5.34E-02	1.47E-02	8.04E+00	6.36E-08	1.78E-07	3.74E+01	6.00E-01	1.99E-02	3.83E-02	5.98E-02	1.13E+00	1.63E+02	4.42E+01	1.18E-07	2.08E-07	1.64E-02	4.52E-04	4.06E+00	5.52E+00	2.07E+02	3.71E-03	2.07E+02	2.17E+02	9.57E+00	0.00E+00	0.00E+00	1.19E-01	2.57E+00
GD213D	2.80E-02	5.29E+00	-8.72E-02	5.51E+00	1.16E-04	0.00E+00	1.54E+03	1.31E-04	3.91E-03	4.19E-02	1.20E-02	6.21E+00	8.92E-07	1.48E-07	1.87E+01	9.79E-01	1.63E-02	3.53E-02	4.21E-02	8.79E-01	1.08E+02	4.06E+01	1.07E-07	1.85E-07	1.32E-02	4.32E-04	2.64E+00	2.08E+00	1.56E+02	4.90E-04	1.57E+02	1.64E+02	5.98E+00	0.00E+00	0.00E+00	7.55E-02	1.81E+00
GD213F	2.85E-02	5.48E+00	-8.34E-02	5.73E+00	1.45E-04	0.00E+00	2.09E+03	6.75E-05	3.98E-03	4.26E-02	1.26E-02	7.27E+00	2.75E-08	1.62E-07	2.69E+01	3.92E-01	1.71E-02	3.40E-02	4.19E-02	8.88E-01	1.31E+02	4.13E+01	1.01E-07	1.78E-07	1.35E-02	4.57E-04	2.60E+00	2.09E+00	1.73E+02	1.67E-03	1.77E+02	1.84E+02	6.05E+00	0.00E+00	0.00E+00	8.06E-02	1.80E+00
GD213H	2.77E-02	5.36E+00	-2.59E-01	5.61E+00	1.35E-04	0.00E+00	1.61E+03	1.38E-04	3.98E-03	4.26E-02	1.39E-02	6.96E+00	8.98E-07	1.44E-07	1.89E+01	1.17E+00	1.88E-02	3.71E-02	4.26E-02	1.02E+00	1.66E+02	4.13E+01	1.09E-07	1.86E-07	1.37E-02	4.17E-04	2.84E+00	4.41E+00	1.97E+02	4.93E-04	1.96E+02	2.09E+02	6.46E+00	0.00E+00	0.00E+00	5.97E-02	1.85E+00
GD213J	2.79E-02	5.31E+00	-8.40E-02	5.54E+00	1.29E-04	0.00E+00	2.00E+03	6.42E-05	3.93E-03	4.21E-02	1.25E-02	7.37E+00	2.62E-08	1.67E-07	2.74E+01	3.79E-01	1.69E-02	3.32E-02	4.21E-02	8.84E-01	1.12E+02	4.14E+01	1.01E-07	1.81E-07	1.32E-02	4.31E-04	2.66E+00	2.08E+00	1.60E+02	4.87E-04	1.64E+02	1.73E+02	6.06E+00	0.00E+00	0.00E+00	8.10E-02	1.81E+00
GD213M	2.84E-02	5.40E+00	-8.40E-02	5.61E+00	1.19E-04	0.00E+00	2.03E+03	6.31E-05	3.97E-03	4.25E-02	1.26E-02	7.45E+00	2.69E-08	1.60E-07	2.17E+01	3.76E-01	1.71E-02	3.25E-02	4.20E-02	8.80E-01	1.29E+02	4.12E+01	1.01E-07	1.80E-07	1.34E-02	4.33E-04	2.64E+00	2.09E+00	1.69E+02	4.87E-04	1.73E+02	1.84E+02	5.90E+00	0.00E+00	0.00E+00	7.66E-02	1.81E+00
GD213U	2.82E-02	5.42E+00	-2.67E-01	5.66E+00	1.53E-04	0.00E+00	2.14E+03	6.44E-05	3.96E-03	4.24E-02	1.26E-02	8.68E+00	4.63E-08	1.65E-07	2.87E+01	3.92E-01	1.72E-02	3.34E-02	4.19E-02	8.55E-01	1.32E+02	4.11E+01	1.03E-07	1.81E-07	1.34E-02	4.31E-04	2.66E+00	4.39E+00	1.76E+02	1.68E-03	1.77E+02	1.86E+02	7.29E+00	0.00E+00	0.00E+00	6.57E-02	1.81E+00
GD218A	2.75E-02	6.54E+00	-2.90E-01	6.83E+00	2.68E-04	0.00E+00	2.05E+03	5.29E-05	4.78E-03	5.10E-02	1.52E-02	3.45E+00	-1.95E-07	1.01E-07	1.36E+01	1.03E+00	2.05E-02	2.56E-02	4.14E-02	1.37E+00	1.61E+02	4.92E+01	7.46E-08	1.64E-07	1.55E-02	7.29E-04	3.98E+00	5.12E+00	2.10E+02	3.41E-05	2.10E+02	2.19E+02	9.10E+00	0.00E+00	0.00E+00	4.04E-02	1.78E+00
GD218B	4.05E-02	7.93E+00	-2.79E-01	8.21E+00	3.13E-04	0.00E+00	2.37E+03	5.90E-05	5.78E-03	6.20E-02	1.75E-02	9.49E+00	6.35E-08	2.17E-07	2.86E+01	1.24E+00	2.37E-02	3.37E-02	9.24E-02	1.84E+00	1.88E+02	5.61E+01	1.55E-07	2.43E-07	1.97E-02	8.94E-04	5.28E+00	5.38E+00	2.44E+02	6.31E-03	2.44E+02	2.54E+02	1.07E+01	0.00E+00	0.00E+00	8.55E-02	3.97E+00
GD218M	4.51E-02	7.14E+00	-3.09E-01	7.38E+00	2.77E-04	0.00E+00	9.45E+02	6.33E-05	5.23E-03	5.65E-02	1.64E-02	8.33E+00	6.30E-08	2.22E-07	1.83E+01	1.11E+00	2.21E-02	4.35E-02	6.13E-02	1.84E+00	1.50E+02	5.11E+01	1.11E-07	2.35E-07	1.80E-02	8.05E-04	4.60E+00	5.60E+00	2.14E+02	5.79E-04	2.07E+02	2.24E+02	9.77E+00	0.00E+00	0.00E+00	1.35E-02	2.63E+00
GD218S	4.35E-02	7.44E+00	-2.86E-01	7.73E+00	2.68E-04	0.00E+00	2.73E+03	6.27E-05	5.56E-03	5.95E-02	1.64E-02	1.30E+01	6.56E-08	2.79E-07	3.28E+01	1.04E+00	2.22E-02	3.54E-02	6.08E-02	1.63E+00	1.86E+02	5.00E+01	1.34E-07	2.60E-07	1.89E-02	7.73E-04	4.38E+00	5.29E+00	2.36E+02	1.43E-04	2.36E+02	2.46E+02	9.67E+00	0.00E+00	0.00E+00	4.04E-02	2.61E+00
GD218SMB	2.40E-02	6.61E+00	-5.09E-02	6.81E+00	1.03E-04	0.00E+00	1.53E+02	3.49E-05	4.84E-03	5.02E-02	1.42E-02	4.50E-01	2.94E-08	8.42E-08	8.27E+00	4.44E-01	1.92E-02	3.32E-02	3.89E-02	1.13E+00	1.27E+02	4.56E+01	1.27E-07	1.79E-07	1.54E-02	4.09E-04	3.11E+00	1.88E+00	1.78E+02	1.43E-05	1.75E+02	1.90E+02	6.15E+00	0.00E+00	0.00E+00	3.65E-04	1.69E+00
GD313A	4.68E-02	7.86E+00	-3.22E-01	8.18E+00	1.99E-04	0.00E+00	2.86E+03	2.12E-04	5.73E-03	6.15E-02	1.63E-02	1.04E+01	4.81E-07	2.39E-07	2.90E+01	8.48E-01	2.21E-02	6.07E-02	4.94E-02	1.15E+00	2.00E+02	5.05E+01	1.21E-07	2.50E-07	1.88E-02	4.45E-04	4.46E+00	5.54E+00	2.51E+02	1.25E-04	2.51E+02	2.61E+02	1.00E+01	0.00E+00	0.00E+00	7.00E-02	2.12E+00
GD313B	5.23E-02	8.86E+00	-3.20E-01	9.18E+00	2.60E-04	0.00E+00	2.82E+03	9.12E-05	6.42E-03	6.88E-02	1.85E-02	1.10E+01	6.83E-08	2.43E-07	4.50E+01	8.20E-01	2.50E-02	5.18E-02	8.22E-02	1.43E+00	2.22E+02	5.66E+01	1.56E-07	2.72E-07	2.14E-02	5.64E-04	4.69E+00	5.58E+00	2.79E+02	5.27E-03	2.79E+02	2.89E+02	1.03E+01	0.00E+00	0.00E+00	1.43E-01	3.53E+00
GD313D	3.56E-02	6.89E+00	-8.49E-02	7.18E+00	1.38E-04	0.00E+00	1.61E+03	1.36E-04	5.18E-03	5.56E-02	1.56E-02	6.05E+00	9.19E-07	1.46E-07	1.71E+01	1.07E+00	2.12E-02	4.80E-02	4.48E-02	1.22E+00	1.81E+02	4.82E+01	1.14E-07	2.09E-07	1.66E-02	4.46E-04	3.89E+00	2.14E+00	2.24E+02	4.74E-04	2.21E+02	2.32E+02	7.39E+00	0.00E+00	0.00E+00	7.17E-02	1.92E+00

GD313F	4.42E-02	7.78E+00	-8.92E-02	8.02E+00	1.92E-04	0.00E+00	2.23E+03	9.70E-05	5.58E-03	5.95E-02	1.60E-02	7.50E+00	2.71E-08	1.84E-07	3.22E+01	6.64E-01	2.16E-02	5.13E-02	4.90E-02	1.26E+00	1.93E+02	5.10E+01	1.18E-07	2.33E-07	1.85E-02	4.96E-04	4.09E+00	2.25E+00	2.49E+02	3.23E-03	2.46E+02	2.54E+02	7.82E+00	0.00E+00	0.00E+00	8.30E-02	2.10E+00
GD313G	3.99E-02	7.62E+00	-3.30E-01	7.95E+00	1.85E-04	0.00E+00	2.23E+03	8.27E-05	5.53E-03	5.91E-02	1.60E-02	8.82E+00	6.20E-08	1.95E-07	3.71E+01	5.52E-01	2.17E-02	4.79E-02	4.41E-02	1.02E+00	2.04E+02	4.96E+01	9.78E-08	2.29E-07	1.81E-02	3.80E-04	3.82E+00	5.30E+00	2.54E+02	9.71E-05	2.54E+02	2.63E+02	9.12E+00	0.00E+00	0.00E+00	4.62E-02	1.89E+00
GD313H	4.30E-02	7.17E+00	-1.42E-01	7.52E+00	1.42E-04	0.00E+00	1.75E+03	1.41E-04	5.46E-03	5.80E-02	1.65E-02	7.54E+00	9.22E-07	2.13E-07	2.12E+01	1.23E+00	2.23E-02	5.11E-02	6.27E-02	1.28E+00	1.93E+02	4.87E+01	1.23E-07	2.49E-07	1.84E-02	4.53E-04	4.09E+00	3.29E+00	2.44E+02	3.94E-04	2.38E+02	2.52E+02	7.59E+00	0.00E+00	0.00E+00	7.19E-02	2.68E+00
GD313J	3.61E-02	7.39E+00	-8.07E-02	7.60E+00	1.53E-04	0.00E+00	2.11E+03	8.51E-05	5.30E-03	5.69E-02	1.56E-02	7.39E+00	2.54E-08	1.70E-07	2.86E+01	5.98E-01	2.12E-02	4.48E-02	4.44E-02	1.12E+00	1.84E+02	4.86E+01	1.11E-07	2.05E-07	1.68E-02	4.35E-04	3.88E+00	2.13E+00	2.25E+02	5.22E-04	2.27E+02	2.38E+02	7.46E+00	0.00E+00	0.00E+00	7.87E-02	1.92E+00
GD313M	4.30E-02	7.40E+00	-8.06E-02	7.67E+00	1.42E-04	0.00E+00	2.19E+03	9.06E-05	5.51E-03	5.87E-02	1.64E-02	7.38E+00	2.51E-08	2.20E-07	3.34E+01	6.55E-01	2.22E-02	4.54E-02	6.16E-02	1.15E+00	1.95E+02	4.98E+01	1.19E-07	2.30E-07	1.83E-02	4.53E-04	4.06E+00	2.10E+00	2.42E+02	3.89E-04	2.43E+02	2.55E+02	7.53E+00	0.00E+00	0.00E+00	7.43E-02	2.63E+00
GD313S	4.41E-02	7.83E+00	-3.28E-01	8.16E+00	1.85E-04	0.00E+00	2.51E+03	8.64E-05	5.70E-03	6.10E-02	1.63E-02	1.15E+01	6.46E-08	2.45E-07	4.32E+01	5.56E-01	2.20E-02	4.82E-02	4.97E-02	1.10E+00	2.07E+02	4.99E+01	1.18E-07	2.54E-07	1.89E-02	4.17E-04	3.97E+00	5.35E+00	2.57E+02	1.27E-04	2.57E+02	2.66E+02	9.31E+00	0.00E+00	0.00E+00	4.62E-02	2.13E+00
GD313U	4.84E-02	7.91E+00	-3.61E-01	8.29E+00	2.32E-04	0.00E+00	2.64E+03	1.03E-04	5.75E-03	6.05E-02	1.65E-02	1.02E+01	7.44E-08	2.37E-07	3.99E+01	7.18E-01	2.23E-02	5.06E-02	6.87E-02	1.30E+00	1.99E+02	5.35E+01	1.31E-07	2.60E-07	1.84E-02	5.09E-04	4.19E+00	6.07E+00	2.54E+02	3.27E-03	2.49E+02	2.62E+02	9.83E+00	0.00E+00	0.00E+00	6.94E-02	2.94E+00
GD318A	4.57E-02	8.99E+00	-3.62E-01	9.36E+00	4.44E-04	0.00E+00	2.87E+03	1.97E-04	6.64E-03	7.11E-02	2.03E-02	1.09E+01	4.95E-07	2.63E-07	3.07E+01	1.85E+00	2.75E-02	5.14E-02	6.84E-02	2.12E+00	2.28E+02	6.34E+01	1.44E-07	2.77E-07	2.22E-02	1.05E-03	5.68E+00	6.85E+00	2.92E+02	1.31E-04	2.92E+02	3.04E+02	1.25E+01	0.00E+00	0.00E+00	4.04E-02	2.94E+00
GD318B	6.64E-02	1.06E+01	-3.69E-01	1.10E+01	3.84E-04	0.00E+00	3.57E+03	8.63E-05	7.81E-03	8.36E-02	2.29E-02	1.55E+01	8.74E-08	3.45E-07	4.36E+01	1.54E+00	3.09E-02	4.73E-02	1.32E-01	2.39E+00	2.65E+02	7.06E+01	2.29E-07	3.46E-07	2.69E-02	1.13E-03	6.01E+00	7.13E+00	3.35E+02	9.00E-03	3.35E+02	3.48E+02	1.31E+01	0.00E+00	0.00E+00	8.55E-02	5.66E+00
GD318M	5.06E-02	9.14E+00	-4.18E-01	9.38E+00	2.91E-04	0.00E+00	1.07E+03	8.41E-05	6.45E-03	6.99E-02	2.13E-02	9.71E+00	9.77E-08	2.67E-07	1.85E+01	1.30E+00	2.88E-02	5.28E-02	6.95E-02	2.24E+00	2.01E+02	6.09E+01	1.18E-07	2.44E-07	2.30E-02	9.96E-04	5.50E+00	6.80E+00	2.71E+02	2.79E-03	2.68E+02	2.73E+02	1.26E+01	0.00E+00	0.00E+00	1.34E-02	3.00E+00
GD318S	5.62E-02	9.56E+00	-3.77E-01	9.94E+00	3.39E-04	0.00E+00	3.51E+03	7.82E-05	7.13E-03	7.61E-02	2.07E-02	1.69E+01	8.56E-08	3.64E-07	4.17E+01	1.30E+00	2.81E-02	6.16E-02	7.96E-02	2.11E+00	2.55E+02	6.17E+01	1.75E-07	3.34E-07	2.43E-02	1.00E-03	4.97E+00	6.91E+00	3.16E+02	1.86E-04	3.16E+02	3.28E+02	1.19E+01	0.00E+00	0.00E+00	4.04E-02	3.42E+00
GD413B	6.32E-02	1.06E+01	-4.60E-01	1.11E+01	3.13E-04	0.00E+00	3.29E+03	1.07E-04	7.81E-03	8.34E-02	2.24E-02	1.32E+01	9.10E-08	2.92E-07	5.06E+01	9.88E-01	3.04E-02	6.42E-02	1.03E-01	1.77E+00	2.76E+02	6.66E+01	1.91E-07	3.27E-07	2.61E-02	7.02E-04	4.99E+00	7.72E+00	3.43E+02	6.83E-03	3.43E+02	3.55E+02	1.27E+01	0.00E+00	0.00E+00	1.43E-01	4.41E+00
GD413D	4.52E-02	7.58E+00	-2.86E-01	8.00E+00	1.54E-04	0.00E+00	1.74E+03	1.48E-04	5.77E-03	6.24E-02	1.83E-02	7.76E+00	9.39E-07	2.23E-07	2.18E+01	1.22E+00	2.47E-02	5.24E-02	7.41E-02	1.40E+00	1.85E+02	5.18E+01	1.31E-07	2.59E-07	2.00E-02	5.99E-04	4.54E+00	5.22E+00	2.29E+02	3.99E-03	2.30E+02	2.45E+02	9.37E+00	0.00E+00	0.00E+00	5.11E-02	3.18E+00
GD413F	4.75E-02	8.28E+00	-8.90E-02	8.60E+00	1.92E-04	0.00E+00	2.34E+03	9.91E-05	6.04E-03	6.55E-02	1.92E-02	7.81E+00	3.02E-08	2.18E-07	3.33E+01	7.13E-01	2.61E-02	6.15E-02	8.07E-02	1.38E+00	1.87E+02	5.52E+01	1.31E-07	2.59E-07	2.06E-02	6.51E-04	4.60E+00	2.25E+00	2.40E+02	7.05E-03	2.40E+02	2.54E+02	8.55E+00	0.00E+00	0.00E+00	8.21E-02	3.48E+00
GD413J	4.55E-02	7.95E+00	-8.21E-02	8.30E+00	1.60E-04	0.00E+00	2.25E+03	9.04E-05	5.83E-03	6.28E-02	1.83E-02	8.12E+00	2.97E-08	2.43E-07	3.50E+01	6.60E-01	2.47E-02	5.58E-02	7.42E-02	1.27E+00	1.88E+02	5.22E+01	1.28E-07	2.60E-07	1.98E-02	6.07E-04	4.48E+00	2.21E+00	2.32E+02	5.08E-03	2.36E+02	2.49E+02	8.46E+00	0.00E+00	0.00E+00	7.76E-02	3.21E+00
GD413M	4.59E-02	7.88E+00	-8.17E-02	8.30E+00	1.47E-04	0.00E+00	2.20E+03	8.78E-05	5.86E-03	6.39E-02	1.95E-02	7.53E+00	2.88E-08	2.48E-07	3.42E+01	6.86E-01	2.66E-02	5.45E-02	7.49E-02	1.30E+00	2.03E+02	5.29E+01	1.28E-07	2.60E-07	2.04E-02	6.21E-04	4.52E+00	2.23E+00	2.50E+02	5.19E-03	2.54E+02	2.63E+02	8.40E+00	0.00E+00	0.00E+00	7.29E-02	3.24E+00
GD413U	5.05E-02	8.31E+00	-3.45E-01	8.68E+00	2.32E-04	0.00E+00	2.62E+03	9.91E-05	6.16E-03	6.59E-02	1.94E-02	1.03E+01	7.29E-08	2.53E-07	4.00E+01	7.19E-01	2.64E-02	5.45E-02	7.93E-02	1.41E+00	1.89E+02	5.72E+01	1.37E-07	2.60E-07	2.09E-02	6.52E-04	4.51E+00	6.17E+00	2.36E+02	6.10E-03	2.40E+02	2.54E+02	1.01E+01	0.00E+00	0.00E+00	6.84E-02	3.41E+00
GD418A	5.38E-02	1.08E+01	-4.23E-01	1.12E+01	5.15E-04	0.00E+00	3.14E+03	2.06E-04	7.91E-03	8.47E-02	2.43E-02	1.23E+01	5.06E-07	2.97E-07	3.41E+01	2.11E+00	3.29E-02	5.87E-02	8.14E-02	2.42E+00	2.87E+02	7.49E+01	1.62E-07	3.25E-07	2.65E-02	1.19E-03	6.91E+00	7.98E+00	3.62E+02	1.46E-04	3.62E+02	3.77E+02	1.49E+01	0.00E+00	0.00E+00	4.04E-02	3.50E+00
GD418B	7.31E-02	1.34E+01	-4.17E-01	1.39E+01	5.58E-04	0.00E+00	4.20E+03	9.92E-05	9.81E-03	1.05E-01	2.85E-02	1.95E+01	1.04E-07	4.32E-07	5.41E+01	2.11E+00	3.85E-02	5.99E-02	1.68E-01	3.16E+00	3.44E+02	8.71E+01	2.90E-07	4.34E-07	3.40E-02	1.51E-03	7.85E+00	8.48E+00	4.32E+02	1.17E-02	4.32E+02	4.48E+02	1.63E+01	0.00E+00	0.00E+00	8.55E-02	7.23E+00
GD418M	6.25E-02	1.08E+01	-4.85E-01	1.13E+01	3.45E-04	0.00E+00	1.26E+03	8.51E-05	8.39E-03	8.85E-02	2.60E-02	1.25E+01	2.17E-07	2.88E-07	2.20E+01	1.36E+00	3.51E-02	5.61E-02	8.54E-02	2.40E+00	2.77E+02	7.43E+01	1.41E-07	3.55E-07	2.71E-02	1.19E-03	5.68E+00	8.26E+00	3.63E+02	3.43E-03	3.62E+02	3.79E+02	1.57E+01	0.00E+00	0.00E+00	1.74E-02	3.61E+00
GD418S	7.01E-02	1.10E+01	-4.40E-01	1.15E+01	4.10E-04	0.00E+00	3.52E+03	8.65E-05	8.17E-03	8.73E-02	2.45E-02	1.69E+01	9.53E-08	3.72E-07	4.21E+01	1.57E+00	3.32E-02	4.89E-02	8.87E-02	2.35E+00	3.02E+02	7.29E+01	1.82E-07	3.64E-07	2.78E-02	1.13E-03	6.11E+00	8.03E+00	3.74E+02	1.86E-04	3.74E+02	3.89E+02	1.41E+01	0.00E+00	0.00E+00	4.04E-02	3.81E+00
GD418SMB	3.50E-02	9.27E+00	-5.33E-02	9.61E+00	1.03E-04	0.00E+00	2.13E+02	4.72E-05	6.31E-03	6.92E-02	2.06E-02	3.71E-01	2.21E-08	1.31E-07	1.30E+01	4.61E-01	2.79E-02	6.35E-02	7.06E-02	2.13E+00	3.10E+02	5.07E+01	1.36E-07	2.34E-07	2.17E-02	4.32E-04	5.02E+00	2.03E+00	4.48E+02	1.63E-05	4.34E+02	4.28E+02	8.40E+00	0.00E+00	0.00E+00	3.66E-04	3.02E+00
GL24PP	3.82E-02	1.00E+01	-2.83E-01	1.03E+01	2.48E-05	0.00E+00	1.65E+03	8.03E-05	6.49E-03	6.97E-02	2.22E-02	9.88E+00	1.61E-07	1.52E-07	2.32E+01	1.02E+00	3.00E-02	8.88E-02	7.65E-02	2.41E+00	1.57E+02	5.92E+01	3.07E-07	3.19E-07	2.33E-02	1.58E-03	5.02E+00	5.88E+00	2.33E+02	1.05E-02	2.32E+02	2.40E+02	1.11E+01	0.00E+00	0.00E+00	7.07E-02	3.28E+00
GL24TP	4.10E-02	1.04E+01	-2.79E-01	1.06E+01	2.93E-05	0.00E+00	1.64E+03	1.11E-04	6.64E-03	7.28E-02	2.32E-02	1.39E+01	2.45E-07	1.55E-07	2.38E+01	1.16E+00	3.14E-02	9.96E-02	9.72E-02	2.95E+00	1.83E+02	9.26E+01	9.50E-07	5.90E-07	2.35E-02	1.64E-03	5.24E+00	6.42E+00	3.00E+02	1.44E-02	2.90E+02	3.08E+02	1.35E+01	0.00E+00	0.00E+00	7.39E-02	4.25E+00
GL42PP	5.54E-02	1.29E+01	-4.99E-01	1.35E+01	2.62E-05	0.00E+00	1.85E+03	7.80E-05	9.13E-03	9.78E-02	3.21E-02	1.08E+01	1.97E-07	2.19E-07	2.75E+01	1.19E+00	4.29E-02	1.53E-01	1.11E-01	2.96E+00	2.66E+02	8.54E+01	3.76E-07	4.54E-07	3.22E-02	2.07E-03	5.23E+00	8.75E+00	3.31E+02	1.19E-02	3.31E+02	3.48E+02	1.51E+01	0.00E+00	0.00E+00	7.04E-02	4.65E+00
GL42TP	5.83E-02	1.33E+01	-5.60E-01	1.41E+01	3.56E-05	0.00E+00	1.87E+03	9.28E-05	9.53E-03	1.01E-01	3.39E-02	1.62E+01	3.09E-07	2.57E-07	3.26E+01	1.37E+00	4.46E-02	1.62E-01	1.28E-01	3.62E+00	3.24E+02	1.12E+02	9.98E-07	6.79E-07	3.26E-02	2.12E-03	5.54E+00	1.12E+01	4.49E+02	1.36E-02	4.52E+02	4.74E+02	1.86E+01	0.00E+00	0.00E+00	7.14E-02	5.63E+00
GP102P	2.16E-04	8.07E-02	-2.86E-03	8.35E-02	2.38E-05	0.00E+00	8.07E-01	5.02E-07	5.36E-05	5.83E-04	1.91E-04	7.37E-04	6.19E-10	5.97E-10	1.51E+00	6.69E-02	2.59E-04	2.22E-04	3.68E-04	5.29E-02	1.58E+00	6.27E-01	1.72E-09	1.72E-09	1.71E-04	2.76E-05	2.39E-01	6.84E-02	2.20E+00	1.61E-08	2.20E+00	2.51E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
GP104T	6.85E-04	1.52E-01	-2.74E-03	1.57E-01	5.31E-05	0.00E+00	1.61E+00	5.45E-06	1.03E-04	1.15E-03	3.32E-04	5.03E-01	1.02E-08	6.21E-09	1.94E+00	1.62E-01	4.58E-04	1.17E-03	2.38E-03	1.04E-01	4.26E+00	1.12E+00	3.62E-09	5.96E-09	3.62E-04	3.21E-05	4.82E-01	1.05E-01	4.32E+00	1.17E-06	4.13E+00	4.53E+00	5.29E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-01
GP108T	8.50E-04	2.38E-01	-3.00E-03	2.43E-01	9.57E-05	0.00E+00	2.58E+00	5.95E-06	1.57E-04	1.63E-03	5.36E-04	5.04E-01	1.07E-08	6.56E-09	1.95E+00	3.08E-01	7.40E-04	1.32E-03	2.25E-03	1.37E-01	4.70E+00	1.93E+00	5.47E-09	6.51E-09	4.92E-04	4.28E-05	6.77E-01	1.57E-01	6.44E+00	1.18E-06	6.41E+00	7.06E+00	7.50E-01	0.00E+00	0.00E+00	0.00E+00	9.72E-02
GP110T	8.62E-04	3.00E-01	-3.53E-03	3.05E-01	1.14E-04	0.00E+00	2.80E+00	2.33E-06	1.99E-04	2.13E-03	6.77E-04	4.60E-03	2.47E-09	2.23E-09	1.65E+00	3.65E-01	9.26E-04	8.99E-04	1.38E-03	1.49E-01	4.95E+00	2.47E+00	5.89E-09	6.83E-09	6.36E-04	5.90E-05	9.60E-01	2.13E-01	8.78E+00	5.17E-08	8.60E+00	9.08E+00	8.04E-01	0.00E+00	0.00E+00	0.00E+00	5.91E-02
GP111T	5.88E-03	1.78E+00	-4.88E-02	2.11E+00	6.31E-04	0.00E+00	5.06E+01	2.10E-05	1.61E-03	1.61E-02	4.13E-03	5.68E-01	2.85E-08	1.74E-08	6.12E+00	1.56E+00	5.65E-03	1.16E-02	1.15E-02	8.90E-01	3.36E+02	1.21E+01	4.49E-08	4.04E-08	4.98E-03	5.99E-04	1.42E+00	1.51E+00	4.32E+02	5.56E-05	4.81E+02	3.83E+02	4.29E+00	0.00E+00	0.00E+00	7.52E-05	4.77E-01
GP112PN	7.78E-03	1.91E+00	-4.74E-01	2.39E+00	3.26E-04	0.00E+00	2.09E+01	2.54E-05	1.80E-03	1.78E-02	7.04E-03	3.78E-02	6.23E-08	1.19E-08	6.04E+00	9.41E-01	9.53E-03	8.20E-03	1.01E-02	1.04E+00	3.38E+01	1.81E+01	4.92E-08	4.65E-08	5.28E-03	5.14E-04	3.03E-01	6.81E+00	5.19E+01	3.92E-07	5.19E+01	5.90E+01	7.11E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-01
GP112TN	5.76E-03	1.72E+00	-5.69E-02	2.00E+00	3.36E-04	0.00E+00	7.66E+01	2.17E-05	1.45E-03	1.51E-02	5.00E-03	5.23E-01	2.97E-08	1.61E-08	6.93E+00	1.11E+00	6.85E-03	9.97E-03	1.06E-02	8.75E-01	2.47E+02	1.24E+01	4.29E-08	4.08E-08	4.41E-03	5.63E-04	1.61E+00	1.52E+00	1.89E+02	5.83E-06	2.80E+02	2.02E+02	4.85E+00	0.00E+00	0.00E+00	1.68E-04	4.48E-01
GP113P	3.33E-03	9.47E-01	-2.72E-01	1.22E+00	3.41E-04	0.00E+00	1.61E+01	9.97E-06	9.36E-04	8.99E-03	3.84E-03	1.61E-02	3.77E-08	9.11E-09	1.74E+00	9.53E-01	5.19E-03	4.46E-03	6.25E-03	8.70E-01	1.92E+01	7.99E+00	2.90E-08	2.26E-08	2.66E-03	4.44E-04	6.25E-01	4.13E+00	2.72E+01	1.62E-07	2.72E+01	3.20E+01	4.76E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
GP113T	3.25E-03	1.08E+00	-4.04E-02	1.27E+00	3.43E-04	0.00E+00	2.87E+01	1.32E-05	8.83E-04	9.18E-03	2.70E-03	5.13E-01	2.47E-08	1.29E-08	2.23E+00	1.02E+00	3.65E-03	5.56E-03	6.71E-03	4.06E-01	1.62E+01	8.80E+00	2.35E-08	2.57E-08	2.56E-03	3.79E-04	8.81E-01	8.15E-01	2.49E+01	4.08E-05	2.63E+01	2.61E+01	1.43E+00	0.00E+00	0.00E+00	3.51E-03	2.80E-01
GP213P	4.48E-03	1.32E+00	-3.50E-01	1.67E+00	4.78E-04	0.00E+00	2.20E+01	1.35E-05	1.26E-03	1.22E-02	5.23E-03	1.99E-02	4.94E-08	1.26E-08	1.92E+00	1.33E+00	7.08E-03	6.09E-03	8.52E-03	1.20E+00	2.65E+01	1.12E+01	3.92E-08	3.06E-08	3.61E-03	6.15E-04	9.20E-01	5.40E+00	3.77E+01	2.24E-07	3.77E+01	4.40E+01	6.32E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-01
GP213T	4.91E-03	1.26E+00	-4.83E-02	1.48E+00	4.71E-04	0.00E+00	2.69E+01	1.05E-05	1.06E-03	1.09E-02	4.00E-03	1.86E-02	1.90E-08	1.29E-08	2.14E+00	1.30E+00	5.43E-03	6.55E-03	9.86E-03	8.52E-01	1.98E+01	1.15E+01	3.53E-08	3.25E-08	3.19E-03	5.38E-04	9.63E-01	1.49E+00	2.95E+01	3.83E-05	3.15E+01	3.38E+01	4.03E+00	0.00E+00	0.00E+00	3.51E-03	4.19E-01
GP218P	5.56E-03	2.12E+00	-1.67E-01	2.29E+00	7.14E-04	0.00E+00	2.60E+01	1.54E-05	1.56E-03	1.61E-02	5.85E-03	1.65E-02	3.19E-08	1.78E-08	2.39E+00	2.00E+00	7.92E-03	6.81E-03	1.02E-02	1.60E+00	3.91E+01	1.68E+01	4.63E-08	4.17E-08	4.80E-03	8.40E-04	3.49E+00	3.48E+00	5.60E+01	3.55E-07	5.60E+01	6.29E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-01
GP218T	5.59E-03	1.57E+00	-7.19E-02	1.77E+00	6.63E-04	0.00E+00	2.24E+01	1.34E-05	1.30E-03	1.35E-02	5.14E-03	1.72E-02	3.89E-08	1.52E-08	2.27E+00	1.89E+00	7.00E-03	8.07E-03	1.10E-02	1.02E+00	2.63E+01	1.28E+01	4.76E-08	3.64E-08	4.13E-03	7.20E-04	2.94E+00	2.36E+00	4.04E+01	2.62E-06	4.33E+01	4.76E+01	5.35E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-01
GP313P	5.67E-03	1.73E+00	-4.27E-01	2.16E+00	6.26E-04	0.00E+00	2.82E+01	1.73E-05	1.60E-03	1.55E-02	6.65E-03	2.36E-02	6.13E-08	1.64E-08	2.10E+00	1.75E+00	9.00E-03	7.74E-03	1.10E-02	1.56E+00	3.42E+01	1.47E+01	5.00E-08	3.89E-08	4.61E-03	7.99E-04	1.24E+00	6.68E+00	4.89E+01	2.86E-07	4.89E+01	5.68E+01	7.92E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-01
GP313T	5.33E-03	1.92E+00	-4.77E-02	2.20E+00	6.47E-04	0.00E+00	2.59E+01	1.26E-05	1.59E-03	1.61E-02	5.18E-03	5.31E-02	3.52E-08	1.64E-08	2.25E+00	1.71E+00	7.08E-03	7.74E-03	1.06E-02	1.22E+00	2.58E+01	1.50E+01	5.01E-08	4.37E-08	4.93E-03	7.17E-04	1.24E+00	1.50E+00	3.97E+01	6.31E-05	4.22E+01	4.82E+01	5.25E+00	0.00E+00	0.00E+00	3.51E-03	4.54E-01
GP318T	6.65E-03	2.14E+00	-4.54E-02	2.34E+00	1.01E-03	0.00E+00	2.98E+01	1.72E-05	1.69E-03	1.78E-02	6.71E-03	5.46E-01	5.24E-08	2.29E-08	2.84E+00	3.05E+00	9.14E-03	1.36E-02	1.19E-02	2.21E+00	4.03E+01	1.86E+01	5.17E-08	5.00E-08	5.67E-03	1.16E-03	3.78E+00	1.51E+00	5.61E+01	2.33E-06	5.50E+01	5.94E+01	5.59E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-01
GP413P	7.38E-03	2.41E+00	-4.95E-01	2.91E+00	8.72E-04	0.00E+00	3.73E+01	2.28E-05	2.08E-03	2.03E-02	8.65E-03	2.83E-02	7.36E-08	2.26E-08	2.39E+00	2.43E+00	1.17E-02	1.01E-02	1.46E-02	2.12E+00	4.64E+01	2.04E+01	6.61E-08	5.10E-08	6.09E-03	1.09E-03	1.97E+00	8.01E+00	6.68E+01	3.85E-07	6.68E+01	7.67E+01	9.98E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-01
GP418P	9.32E-03	3.68E+00	-2.54E-01	3.93E+00	1.26E-03	0.00E+00	4.50E+01	2.64E-05	2.65E-03	2.72E-02	1.01E-02	2.53E-02	5.15E-08	3.12E-08	2.99E+00	3.52E+00	1.37E-02	1.17E-02	1.77E-02	2.80E+00	6.64E+01	2.96E+01	8.00E-08	6.93E-08	8.21E-03	1.47E-03	5.41E+00	5.63E+00	9.60E+01	5.87E-07	9.60E+01	1.07E+02	1.10E+01	0.00E+00	0.00E+00	0.00E+00	7.60E-01
GP418PM	1.77E-02	4.10E+00	-4.74E-02	4.10E+00	1.34E-03	0.00E+00	3.75E+01	3.48E-05	2.95E-03	3.22E-02	9.58E-03	2.02E-01	3.92E-08	3.56E-08	2.96E+00	3.61E+00	1.30E-02	1.86E-02	2.30E-02	4.00E+00	5.81E+01	2.68E+01	8.30E-08	1.13E-07	1.04E-02	1.89E-03	6.56E+00	1.87E+00	9.71E+01	2.15E-06	9.75E+01	1.10E+02	6.84E+00	0.00E+00	0.00E+00	4.78E-04	9.97E-01
GP418T	1.69E-02	3.76E+00	-7.94E-02	3.85E+00	1.34E-03	0.00E+00	3.49E+01	3.17E-05	2.55E-03	2.84E-02	9.28E-03	2.22E-01	4.78E-08	3.54E-08	2.90E+00	3.58E+00	1.26E-02	1.87E-02	2.22E-02	4.00E+00	5.54E+01	2.63E+01	8.46E-08	1.11E-07	8.96E-03	1.89E-03	6.22E+00	2.90E+00	8.61E+01	2.14E-06	8.62E+01	1.00E+02	6.89E+00	0.00E+00	0.00E+00	4.28E-04	9.64E-01
GR013CN	5.79E-03	9.25E-01	-3.92E-02	1.04E+00	8.33E-06	0.00E+00	1.43E+02	2.15E-05	6.84E-04	7.78E-03	2.20E-03	3.89E-01	1.22E-08	1.18E-08	5.08E+00	1.42E-01	2.96E-03	1.46E-02	7.34E-03	3.38E-01	2.04E+01	8.68E+00	1.79E-08	3.45E-08	2.21E-03	1.60E-04	6.97E-01	7.09E-01	2.60E+01	6.83E-06	2.64E+01	2.88E+01	1.35E+00	0.00E+00	0.00E+00	5.42E-02	3.06E-01
GR118AN	6.34E-03	9.73E-01	-3.95E-02	1.10E+00	8.41E-06	0.00E+00	2.26E+02	2.09E-05	7.49E-04	8.03E-03	2.63E-03	8.53E-01	2.66E-08	1.45E-08	4.06E+00	1.80E-01	3.50E-03	1.73E-02	7.81E-03	4.32E-01	2.12E+01	9.37E+00	2.00E-08	3.55E-08	2.32E-03	2.08E-04	7.25E-01	1.00E+00	2.87E+01	6.67E-06	2.85E+01	3.17E+01	2.06E+00	0.00E+00	0.00E+00	5.31E-02	3.26E-01
GR218AN	9.66E-03	2.03E+00	-9.91E-02	2.17E+00	1.00E-05	0.00E+00	1.15E+02	2.23E-05	1.46E-03	1.61E-02	4.54E-03	5.49E-01	3.76E-08	1.48E-08	4.02E+00	2.08E-01	6.25E-03	1.96E-02	1.93E-02	6.08E-01	3.86E+01	1.41E+01	4.69E-08	5.65E-08	4.69E-03	3.06E-04	9.08E-01	2.11E+00	5.16E+01	6.22E-06	5.41E+01	6.37E+01	3.92E+00	0.00E+00	0.00E+00	5.31E-02	8.05E-01
GR318AN	9.79E-03	2.40E+00	-5.39E-02	2.48E+00	1.02E-05	0.00E+00	1.15E+02	2.18E-05	1.75E-03	1.82E-02	5.27E-03	5.45E-01	2.17E-08	1.59E-08	4.10E+00	2.09E-01	7.04E-03	2.19E-02	1.95E-02	8.44E-01	3.73E+01	1.76E+01	5.22E-08	8.20E-08	5.59E-03	3.41E-04	1.00E+00	1.59E+00	5.13E+01	6.22E-06	5.33E+01	6.34E+01	4.13E+00	0.00E+00	0.00E+00	5.31E-02	8.18E-01
GR413AN	9.81E-03	2.53E+00	-6.65E-02	2.58E+00	1.37E-05	0.00E+00	1.52E+02	3.01E-05	1.85E-03	1.92E-02	6.72E-03	5.21E-01	2.08E-08	1.99E-08	5.28E+00	2.17E-01	9.08E-03	2.41E-02	1.95E-02	8.03E-01	4.77E+01	1.74E+01	5.43E-08	8.34E-08	6.18E-03	3.45E-04	1.10E+00	1.74E+00	7.06E+01	6.66E-06	6.65E+01	7.38E+01	4.35E+00	0.00E+00	0.00E+00	5.42E-02	8.04E-01
GR418AN	1.00E-02	2.56E+00	-5.50E-02	2.61E+00	1.03E-05	0.00E+00	1.13E+02	2.34E-05	1.91E-03	1.96E-02	6.75E-03	5.31E-01	2.11E-08	1.97E-08	4.14E+00	2.07E-01	9.14E-03	2.81E-02	1.95E-02	8.90E-01	4.83E+01	1.86E+01	5.39E-08	8.67E-08	6.26E-03	3.50E-04	1.05E+00	1.72E+00	7.24E+01	6.86E-06	6.76E+01	7.42E+01	4.35E+00	0.00E+00	0.00E+00	5.31E-02	8.09E-01
GR71AN	2.89E-03	5.17E-01	-2.29E-02	5.80E-01	5.73E-06	0.00E+00	5.34E+01	1.13E-05	4.15E-04	4.66E-03	1.05E-03	5.17E-01	9.94E-09	5.67E-09	2.26E+00	8.86E-02	1.44E-03	8.14E-03	2.95E-03	1.76E-01	9.16E+00	4.23E+00	1.75E-08	1.97E-08	1.34E-03	3.98E-05	6.67E-01	6.34E-01	1.28E+01	4.86E-06	1.25E+01	1.63E+01	1.22E+00	0.00E+00	0.00E+00	1.64E-02	1.24E-01
GR72AN	9.00E-03	2.63E+00	-5.21E-02	2.79E+00	2.28E-07	0.00E+00	1.11E+01	1.08E-05	2.16E-03	2.20E-02	8.13E-03	5.47E-02	2.00E-08	1.66E-08	1.97E+00	2.48E-01	1.11E-02	1.68E-02	1.69E-02	7.89E-01	4.55E+01	2.21E+01	4.92E-08	7.36E-08	7.17E-03	3.31E-04	7.87E-01	1.66E+00	7.06E+01	3.40E-06	6.90E+01	7.54E+01	4.97E+00	0.00E+00	0.00E+00	5.17E-04	7.39E-01
GS118D	2.74E-03	6.59E-01	-2.41E-02	7.06E-01	2.41E-05	0.00E+00	9.58E+02	2.14E-05	5.02E-04	5.79E-03	1.48E-03	1.12E+00	2.51E-08	3.08E-08	4.15E+00	1.22E-01	2.03E-03	8.47E-03	5.00E-03	2.37E-01	1.09E+01	7.42E+00	2.39E-08	1.62E-08	1.64E-03	1.03E-04	7.44E-01	5.66E-01	2.06E+01	9.38E-05	2.02E+01	2.33E+01	1.07E+00	0.00E+00	0.00E+00	4.95E-02	2.12E-01
GS213D	2.73E-03	3.30E-01	-1.84E-02	3.36E-01	3.07E-05	0.00E+00	1.02E+03	3.34E-05	2.40E-04	2.39E-03	1.10E-03	1.54E+00	6.27E-09	3.43E-08	5.26E+00	1.28E-01	1.45E-03	6.21E-03	3.70E-03	2.78E-01	7.29E+00	4.27E+00	1.55E-08	1.42E-08	7.61E-04	1.32E-04	5.68E-01	2.75E-01	9.24E+00	1.27E-04	8.41E+00	9.57E+00	8.31E-01	0.00E+00	0.00E+00	4.34E-02	1.58E-01
GS218D	3.92E-03	1.05E+00	-5.97E-02	1.16E+00	2.41E-05	0.00E+00	9.69E+02	2.24E-05	8.00E-04	8.82E-03	2.54E-03	1.37E+00	3.45E-08	3.16E-08	4.19E+00	1.36E-01	3.44E-03	9.28E-03	7.25E-03	2.87E-01	1.43E+01	9.52E+00	2.70E-08	3.50E-08	2.47E-03	1.43E-04	7.48E-01	1.10E+00	2.63E+01	9.29E-05	2.65E+01	2.95E+01	1.63E+00	0.00E+00	0.00E+00	4.95E-02	2.99E-01
GS318D	3.94E-03	9.18E-01	-3.06E-02	1.00E+00	2.06E-04	0.00E+00	9.66E+02	2.27E-05	6.77E-04	7.44E-03	2.16E-03	1.12E+00	3.37E-08	3.22E-08	4.19E+00	4.71E-01	2.90E-03	9.11E-02	6.65E-03	2.77E-01	3.07E+01	9.06E+00	2.53E-08	2.94E-08	2.11E-03	1.41E-04	7.54E-01	8.61E-01	4.23E+01	9.38E-05	3.86E+01	4.07E+01	1.29E+00	0.00E+00	0.00E+00	4.95E-02	2.74E-01
GS418D	4.90E-03	9.25E-01	-4.94E-02	1.03E+00	3.39E-04	0.00E+00	9.67E+02	2.31E-05	7.35E-04	7.91E-03	2.57E-03	1.12E+00	3.47E-08	3.29E-08	4.17E+00	5.88E-01	3.40E-03	1.42E-01	7.03E-03	3.58E-01	3.97E+01	9.05E+00	2.79E-08	2.98E-08	2.36E-03	1.79E-04	7.86E-01	1.13E+00	4.32E+01	9.18E-05	4.10E+01	4.41E+01	1.78E+00	0.00E+00	0.00E+00	4.95E-02	2.86E-01
GZ07E	2.15E-03	1.19E-01	-1.05E-02	1.28E-01	2.57E-06	0.00E+00	1.38E+02	1.93E-05	9.66E-05	1.07E-03	2.63E-04	9.94E-01	5.48E-08	1.75E-08	2.95E+00	1.06E-01	3.63E-04	1.57E-03	2.82E-03	7.58E-02	4.08E+00	7.15E-01	7.51E-09	1.14E-08	3.65E-04	1.79E-05	2.77E-01	1.08E-01	3.30E+00	1.32E-04	3.27E+00	3.32E+00	3.54E-01	0.00E+00	0.00E+00	2.16E-03	1.20E-01
GZ08A	3.10E-03	1.35E-01	-1.15E-02	1.45E-01	3.76E-06	0.00E+00	4.81E+00	1.05E-05	1.02E-04	1.23E-03	2.63E-04	1.21E+00	4.29E-08	1.35E-08	3.02E+00	1.06E-01	3.54E-04	5.41E-03	3.21E-03	1.49E-01	1.65E+02	1.28E+00	1.49E-08	1.64E-08	3.81E-04	3.00E-05	6.85E-01	1.01E-01	1.13E+02	6.90E-06	2.24E+02	1.77E+02	7.51E-01	0.00E+00	0.00E+00	5.68E-04	1.39E-01
GZ213S	1.13E-01	2.48E+01	-5.89E-01	2.64E+01	4.01E-04	0.00E+00	3.15E+02	3.24E-04	1.96E-02	2.26E-01	6.08E-02	1.11E+00	1.38E-07	2.70E-07	1.14E+02	2.48E+00	8.07E-02	1.94E-01	3.26E-01	2.20E+00	5.92E+02	1.13E+02	1.02E-07	6.49E-07	6.73E-02	9.47E-04	5.64E+00	1.41E+01	7.75E+02	2.04E-05	7.51E+02	8.76E+02	1.83E+01	0.00E+00	0.00E+00	3.50E-04	1.48E+01
GZ30A	2.62E-03	1.33E-01	-9.28E-03	1.43E-01	2.69E-06	0.00E+00	1.21E+03	2.93E-05	1.05E-04	1.19E-03	2.69E-04	1.77E+00	1.45E-08	3.46E-08	4.80E+00	9.94E-02	3.76E-04	5.33E-03	3.03E-03	1.40E-01	6.20E+00	7.55E-01	1.80E-08	1.76E-08	4.55E-04	2.90E-05	6.74E-01	9.73E-02	3.48E+00	7.65E-05	3.60E+00	3.76E+00	5.73E-01	0.00E+00	0.00E+00	3.31E-02	1.30E-01
GZ30S	2.79E-03	4.89E-01	-1.46E-02	4.97E-01	2.17E-06	0.00E+00	1.19E+03	2.65E-05	3.25E-04	4.05E-03	1.30E-03	1.37E+00	7.40E-09	3.03E-08	4.39E+00	1.03E-01	1.80E-03	6.62E-03	4.75E-03	1.76E-01	1.08E+01	6.78E+00	1.75E-08	1.86E-08	1.28E-03	9.47E-05	7.00E-01	2.09E-01	1.53E+01	7.54E-05	1.60E+01	1.65E+01	7.84E-01	0.00E+00	0.00E+00	3.31E-02	2.05E-01
GZ33A	2.22E-03	1.10E-01	-5.20E-03	1.21E-01	5.36E-05	0.00E+00	3.95E+00	9.92E-06	8.63E-05	9.33E-04	2.39E-04	1.20E+00	4.27E-08	1.20E-08	3.23E+00	1.27E-01	3.14E-04	5.18E-03	2.99E-03	1.12E-01	5.28E+00	6.00E-01	9.18E-09	1.23E-08	3.51E-04	2.60E-05	4.27E-01	8.64E-02	3.13E+00	4.31E-05	3.25E+00	3.24E+00	4.17E-01	0.00E+00	0.00E+00	2.29E-03	1.31E-01
GZ40S	2.11E-03	8.24E-01	-1.49E-02	7.90E-01	1.15E-04	0.00E+00	2.29E+02	1.30E-05	4.99E-04	5.75E-03	1.70E-03	8.03E-02	7.02E-08	5.73E-09	1.98E+00	5.10E-01	2.41E-03	3.96E-03	2.04E-02	1.99E-01	1.10E+01	8.15E+00	1.41E-07	2.14E-08	1.78E-03	1.24E-04	1.08E+00	4.80E-01	1.89E+01	8.45E-06	1.97E+01	1.97E+01	8.55E-01	0.00E+00	0.00E+00	5.92E-03	8.86E-01
GZ413S	1.14E-01	2.52E+01	-8.52E-01	2.69E+01	4.20E-04	0.00E+00	3.20E+02	3.99E-04	2.06E-02	2.33E-01	7.09E-02	1.16E+00	1.46E-07	2.71E-07	1.21E+02	5.59E+00	9.03E-02	1.96E-01	4.19E-01	2.19E+00	7.02E+02	1.17E+02	1.62E-06	7.09E-07	6.94E-02	9.67E-04	6.98E+00	2.08E+01	9.34E+02	2.04E-05	9.18E+02	1.04E+03	2.53E+01	0.00E+00	0.00E+00	3.50E-04	1.90E+01
GZ44F	3.28E-03	1.35E-01	-1.32E-02	1.45E-01	3.76E-06	0.00E+00	4.46E+00	9.99E-06	1.02E-04	1.25E-03	2.63E-04	1.20E+00	4.31E-08	1.34E-08	2.96E+00	8.35E-02	3.54E-04	8.76E-03	3.51E-03	1.51E-01	8.41E+00	1.26E+00	1.80E-08	1.69E-08	3.80E-04	2.77E-05	6.17E-01	1.71E-01	3.37E+00	9.13E-06	3.75E+00	3.60E+00	7.11E-01	0.00E+00	0.00E+00	5.38E-04	1.49E-01
GZ45F	2.43E-03	4.40E-01	-1.44E-02	5.09E-01	9.80E-07	0.00E+00	7.74E+00	4.80E-06	3.42E-04	3.73E-03	8.88E-04	7.53E-01	9.11E-09	7.87E-09	2.36E+00	7.63E-02	1.22E-03	6.02E-03	2.78E-03	1.52E-01	8.76E+00	3.25E+00	1.88E-08	1.85E-08	1.17E-03	3.90E-05	4.90E-01	4.31E-01	1.08E+01	1.84E-05	1.11E+01	1.21E+01	7.18E-01	0.00E+00	0.00E+00	1.69E-03	1.15E-01
JB253N	2.25E-02	4.48E+00	-6.21E-02	4.69E+00	2.30E-05	0.00E+00	7.45E+02	5.34E-05	3.26E-03	3.41E-02	1.06E-02	2.85E+00	4.34E-08	9.68E-08	8.75E+00	1.13E+00	1.44E-02	2.80E-02	3.32E-02	8.29E-01	7.99E+01	3.67E+01	4.68E-07	1.58E-07	1.08E-02	4.24E-04	1.56E+00	3.20E+00	1.14E+02	1.57E-05	1.14E+02	1.25E+02	5.56E+00	0.00E+00	0.00E+00	1.50E-02	1.36E+00
JC113	6.41E-02	1.14E+01	-3.06E-01	1.17E+01	0.00E+00	0.00E+00	8.50E+01	1.51E-04	8.91E-03	1.25E-01	2.08E-02	4.64E-01	8.10E-08	1.02E-07	4.85E+01	2.79E+00	2.81E-02	2.42E-02	1.49E-01	1.59E+00	2.26E+02	4.21E+01	1.90E-06	4.29E-07	2.95E-02	3.20E-04	5.10E+01	8.86E+00	2.68E+02	2.48E-06	2.68E+02	3.28E+02	5.99E+01	0.00E+00	0.00E+00	0.00E+00	6.39E+00
JK113	1.25E-01	3.52E+01	-5.92E-01	3.58E+01	5.80E-05	0.00E+00	2.46E+02	5.13E-04	2.55E-02	3.80E-01	6.56E-02	8.44E-01	1.75E-07	3.53E-07	1.34E+02	4.40E+00	8.97E-02	9.39E-02	4.52E-01	5.06E+00	1.09E+03	1.13E+02	2.19E-06	1.23E-06	8.63E-02	1.14E-03	5.56E+00	1.58E+01	8.17E+02	8.55E-06	1.27E+03	1.62E+03	2.35E+01	0.00E+00	0.00E+00	1.62E-02	1.96E+01
JK113B13	7.16E-02	2.00E+01	-5.21E-02	2.14E+01	1.29E-04	0.00E+00	1.65E+02	1.92E-04	1.45E-02	1.68E-01	3.42E-02	5.93E-01	9.21E-08	2.31E-07	1.66E+01	2.86E+00	4.51E-02	9.26E-02	1.37E-01	3.24E+00	4.83E+02	8.57E+01	6.38E-07	7.14E-07	4.64E-02	8.47E-04	6.63E+00	3.35E+00	5.86E+02	6.51E-06	5.94E+02	6.86E+02	1.59E+01	0.00E+00	0.00E+00	1.15E-02	5.32E+00
JK113B20	1.29E-01	2.95E+01	-5.21E-02	3.02E+01	1.39E-04	0.00E+00	1.79E+02	3.23E-04	2.09E-02	2.94E-01	4.94E-02	7.16E-01	1.03E-07	2.82E-07	4.50E+01	3.05E+00	6.72E-02	9.51E-02	3.49E-01	3.29E+00	5.09E+02	9.74E+01	6.55E-07	1.05E-06	7.30E-02	9.82E-04	6.75E+00	3.49E+00	6.33E+02	6.69E-06	6.35E+02	7.34E+02	1.62E+01	0.00E+00	0.00E+00	1.15E-02	1.50E+01

JK113B26	1.36E-01	3.15E+01	-5.21E-02	3.23E+01	1.49E-04	0.00E+00	1.88E+02	3.72E-04	2.26E-02	3.03E-01	6.01E-02	7.51E-01	1.09E-07	2.85E-07	1.25E+02	3.37E+00	8.11E-02	9.53E-02	3.60E-01	3.31E+00	6.02E+02	1.03E+02	6.55E-07	1.09E-06	7.71E-02	9.99E-04	7.71E+00	5.62E+00	7.47E+02	6.61E-06	7.51E+02	8.79E+02	1.64E+01	0.00E+00	0.00E+00	1.15E-02	1.59E+01
JK213	2.41E-01	4.30E+01	-9.37E-01	4.39E+01	9.73E-05	0.00E+00	3.21E+02	5.69E-04	3.34E-02	4.68E-01	7.79E-02	1.76E+00	2.82E-07	3.87E-07	1.80E+02	1.08E+01	1.06E-01	9.07E-02	5.75E-01	6.19E+00	8.50E+02	1.63E+02	7.18E-06	1.62E-06	1.11E-01	1.33E-03	1.93E+02	3.10E+01	1.01E+03	9.42E-06	1.01E+03	1.24E+03	2.24E+02	0.00E+00	0.00E+00	0.00E+00	2.47E+01
JK213D	2.42E-01	4.37E+01	-4.84E-01	4.41E+01	9.73E-05	0.00E+00	3.16E+02	5.65E-04	3.32E-02	4.69E-01	7.65E-02	1.77E+00	2.27E-07	3.89E-07	1.80E+02	1.08E+01	1.03E-01	8.90E-02	5.75E-01	6.09E+00	8.56E+02	1.69E+02	7.17E-06	1.62E-06	1.11E-01	1.30E-03	1.96E+02	2.54E+01	1.02E+03	9.51E-06	1.02E+03	1.25E+03	2.22E+02	0.00E+00	0.00E+00	0.00E+00	2.47E+01
JS013	1.36E-01	2.44E+01	-5.23E-01	2.49E+01	9.73E-05	0.00E+00	1.84E+02	3.20E-04	1.89E-02	2.64E-01	4.42E-02	9.95E-01	1.58E-07	2.19E-07	1.01E+02	6.17E+00	5.99E-02	5.15E-02	3.23E-01	3.60E+00	4.80E+02	9.36E+01	4.04E-06	9.11E-07	6.26E-02	8.24E-04	1.09E+02	1.74E+01	5.73E+02	5.30E-06	5.73E+02	6.99E+02	1.26E+02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
JS013C	1.63E-01	2.94E+01	-4.16E-01	2.98E+01	9.73E-05	0.00E+00	2.17E+02	3.84E-04	2.25E-02	3.16E-01	5.19E-02	1.19E+00	1.64E-07	2.63E-07	1.21E+02	7.41E+00	7.03E-02	6.04E-02	3.87E-01	4.18E+00	5.76E+02	1.12E+02	4.87E-06	1.09E-06	7.48E-02	9.07E-04	1.32E+02	1.82E+01	6.88E+02	6.39E-06	6.88E+02	8.38E+02	1.50E+02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
JZ103	2.09E-03	4.46E-01	-2.71E-02	4.73E-01	0.00E+00	0.00E+00	4.27E+00	1.60E-06	4.07E-04	4.41E-03	1.30E-03	1.45E-02	3.77E-09	2.04E-09	1.62E+00	1.52E-03	1.76E-03	1.51E-03	2.70E-03	1.36E-01	7.98E+00	5.48E+00	4.70E-09	1.21E-08	1.22E-03	7.62E-05	4.79E-01	5.83E-01	1.35E+01	7.33E-08	1.35E+01	1.45E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-01
JZ104	2.00E-03	5.20E-01	-1.54E-02	5.35E-01	0.00E+00	0.00E+00	1.49E+00	2.02E-06	3.44E-04	3.84E-03	1.02E-03	5.85E-03	3.55E-09	1.94E-09	1.60E+00	5.40E-02	1.38E-03	4.78E-03	3.39E-03	1.49E-01	7.56E+00	6.08E+00	2.75E-09	1.17E-08	1.12E-03	6.07E-05	3.21E-01	4.11E-01	1.36E+01	5.40E-08	1.36E+01	1.44E+01	7.31E-01	0.00E+00	0.00E+00	0.00E+00	1.46E-01
JZ131	2.29E-03	4.39E-01	-5.06E-02	4.90E-01	0.00E+00	0.00E+00	1.77E+00	4.67E-06	3.55E-04	4.26E-03	8.94E-04	2.84E-01	6.18E-09	1.79E-09	6.72E-01	1.24E-02	1.21E-03	1.04E-03	1.63E-03	9.16E-02	6.98E+00	2.97E+00	1.49E-08	1.90E-08	1.11E-03	3.23E-05	8.11E-01	6.88E-01	9.96E+00	3.80E-06	9.96E+00	1.15E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-02
JZ132	9.33E-03	1.83E+00	-5.86E-01	2.41E+00	0.00E+00	0.00E+00	1.39E+01	3.19E-05	1.97E-03	1.92E-02	7.44E-03	1.01E-01	7.24E-08	6.44E-09	3.02E+00	5.58E-02	1.01E-02	8.66E-03	8.71E-03	5.59E-01	2.95E+01	1.94E+01	4.58E-08	5.28E-08	5.64E-03	2.17E-04	-1.03E+00	7.83E+00	4.90E+01	8.21E-06	4.90E+01	5.58E+01	6.80E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-01
JZ181	2.70E-03	5.10E-01	-6.65E-02	5.76E-01	0.00E+00	0.00E+00	2.18E+00	5.52E-06	4.32E-04	5.04E-03	1.25E-03	2.85E-01	8.31E-09	1.94E-09	2.07E+00	1.38E-02	1.69E-03	1.45E-03	1.91E-03	9.89E-02	8.38E+00	3.99E+00	1.63E-08	2.12E-08	1.34E-03	3.80E-05	8.06E-01	9.21E-01	1.24E+01	3.82E-06	1.24E+01	1.41E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02
JZ182	1.14E-02	2.35E+00	-6.70E-01	3.01E+00	0.00E+00	0.00E+00	1.61E+01	4.00E-05	2.38E-03	2.34E-02	8.84E-03	1.10E-01	8.30E-08	7.52E-09	3.06E+00	7.07E-02	1.20E-02	1.03E-02	1.05E-02	6.69E-01	3.65E+01	2.48E+01	5.55E-08	6.40E-08	6.91E-03	2.56E-04	-1.25E+00	8.97E+00	6.13E+01	8.28E-06	6.13E+01	6.90E+01	7.73E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-01
TN904	1.03E-03	1.40E-01	-8.99E-03	1.46E-01	2.55E-06	0.00E+00	3.10E+00	8.28E-06	1.06E-04	1.15E-03	3.13E-04	7.73E-01	3.94E-08	8.74E-09	2.37E+00	8.67E-02	4.23E-04	1.47E-03	2.41E-03	7.37E-02	6.31E+00	8.22E-01	4.26E-09	9.90E-09	3.79E-04	2.71E-05	2.86E-01	1.19E-01	3.55E+00	2.03E-06	3.47E+00	3.86E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	1.04E-01
VA12A	2.76E-02	6.08E+00	-2.83E-01	6.37E+00	3.09E-05	0.00E+00	7.48E+02	5.64E-05	4.04E-03	4.41E-02	1.35E-02	3.56E+00	3.94E-08	9.32E-08	2.41E+01	1.98E-01	1.83E-02	2.51E-02	3.99E-02	6.70E-01	2.23E+02	3.07E+01	9.20E-08	1.51E-07	1.43E-02	2.60E-04	2.02E+00	4.22E+00	2.54E+02	6.75E-05	2.54E+02	2.60E+02	6.24E+00	0.00E+00	0.00E+00	3.65E-02	1.71E+00
VA12B	2.37E-02	3.97E+00	-2.33E-01	4.20E+00	4.09E-05	0.00E+00	1.39E+01	1.57E-04	2.85E-03	3.09E-02	9.06E-03	6.46E+00	9.53E-07	1.38E-07	3.03E+01	4.55E-01	1.23E-02	4.17E-02	2.81E-02	7.39E-01	8.49E+01	3.05E+01	1.07E-07	1.44E-07	9.97E-03	2.62E-04	1.95E+00	3.51E+00	1.15E+02	9.04E-05	1.15E+02	1.21E+02	5.46E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
VA12BN	2.62E-02	4.44E+00	-2.39E-01	4.68E+00	2.12E-05	0.00E+00	1.40E+03	6.78E-05	3.19E-03	3.45E-02	9.65E-03	6.96E+00	4.15E-08	1.47E-07	3.16E+01	1.88E-01	1.31E-02	2.47E-02	2.87E-02	7.08E-01	9.94E+01	3.10E+01	1.06E-07	1.49E-07	1.10E-02	2.66E-04	1.54E+00	3.58E+00	1.30E+02	7.71E-05	1.30E+02	1.36E+02	5.12E+00	0.00E+00	0.00E+00	3.65E-02	1.23E+00
VA12CN	3.39E-02	5.00E+00	-2.58E-01	5.26E+00	2.12E-05	0.00E+00	2.08E+03	9.99E-05	3.65E-03	3.96E-02	1.05E-02	1.12E+01	4.71E-08	2.30E-07	4.10E+01	2.64E-01	1.42E-02	3.44E-02	3.87E-02	8.41E-01	1.15E+02	3.18E+01	1.42E-07	1.94E-07	1.29E-02	3.21E-04	1.77E+00	3.92E+00	1.47E+02	1.24E-04	1.47E+02	1.53E+02	5.69E+00	0.00E+00	0.00E+00	3.65E-02	1.66E+00
VA12D	2.86E-02	5.96E+00	-2.12E-01	6.35E+00	3.00E-05	0.00E+00	9.13E+02	7.45E-05	4.09E-03	4.38E-02	1.35E-02	4.73E+00	3.75E-08	1.21E-07	2.59E+01	2.39E-01	1.82E-02	2.91E-02	3.66E-02	8.77E-01	1.87E+02	3.50E+01	1.07E-07	1.58E-07	1.42E-02	3.29E-04	1.59E+00	3.88E+00	2.36E+02	6.66E-05	2.31E+02	2.45E+02	5.63E+00	0.00E+00	0.00E+00	3.69E-02	1.55E+00
VA12DK	2.03E-02	3.95E+00	-2.07E-01	4.25E+00	2.00E-05	0.00E+00	7.61E+02	5.69E-05	2.78E-03	3.06E-02	8.95E-03	4.37E+00	4.56E-08	9.52E-08	2.45E+01	2.09E-01	1.21E-02	2.42E-02	2.19E-02	7.41E-01	8.87E+01	2.91E+01	7.80E-08	1.23E-07	9.54E-03	2.80E-04	1.55E+00	3.48E+00	1.20E+02	4.75E-05	1.20E+02	1.23E+02	5.09E+00	0.00E+00	0.00E+00	3.75E-02	9.38E-01
VA12DN	2.90E-02	5.80E+00	-1.37E-01	6.13E+00	4.30E-05	0.00E+00	1.33E+02	1.35E-04	4.07E-03	4.28E-02	1.28E-02	5.74E+00	7.51E-07	1.35E-07	2.79E+01	4.54E-01	1.74E-02	3.82E-02	4.12E-02	8.06E-01	1.47E+02	3.65E+01	1.05E-07	1.60E-07	1.41E-02	3.49E-04	1.85E+00	3.20E+00	2.15E+02	1.04E-04	2.01E+02	2.16E+02	5.80E+00	0.00E+00	0.00E+00	9.31E-03	1.77E+00
VA12E	2.16E-02	4.09E+00	-2.69E-01	4.36E+00	2.06E-05	0.00E+00	8.73E+02	6.48E-05	2.83E-03	3.09E-02	9.31E-03	4.98E+00	4.22E-08	1.04E-07	2.58E+01	2.08E-01	1.26E-02	3.16E-02	2.62E-02	7.64E-01	9.49E+01	3.01E+01	1.03E-07	1.39E-07	9.74E-03	2.93E-04	1.79E+00	4.25E+00	1.26E+02	5.86E-05	1.26E+02	1.28E+02	5.99E+00	0.00E+00	0.00E+00	4.00E-02	1.12E+00
VA12G	2.84E-02	6.51E+00	-1.43E-01	6.97E+00	1.50E-04	0.00E+00	1.72E+02	1.34E-04	4.23E-03	4.65E-02	1.26E-02	6.00E+00	7.45E-07	1.38E-07	2.82E+01	6.87E-01	1.71E-02	6.38E-02	4.11E-02	9.19E-01	1.62E+02	3.57E+01	1.03E-07	1.58E-07	1.54E-02	4.28E-04	2.06E+00	3.26E+00	2.20E+02	1.50E-04	2.14E+02	2.24E+02	5.78E+00	0.00E+00	0.00E+00	1.03E-02	1.77E+00
VA12K	4.95E-03	1.22E+00	-4.92E-02	1.45E+00	1.23E-04	0.00E+00	4.99E+01	1.31E-05	1.04E-03	1.05E-02	3.75E-03	6.22E-01	2.48E-08	1.86E-08	2.41E+00	5.15E-01	4.96E-03	3.39E-02	8.33E-03	5.54E-01	5.85E+01	1.12E+01	3.01E-08	3.31E-08	3.10E-03	2.86E-04	3.16E-01	1.44E+00	5.75E+01	7.58E-05	6.24E+01	6.56E+01	2.99E+00	0.00E+00	0.00E+00	1.84E-04	3.47E-01
VA12N	2.87E-02	5.80E+00	-3.13E-01	6.24E+00	2.91E-05	0.00E+00	2.12E+03	9.58E-05	4.12E-03	4.33E-02	1.40E-02	9.12E+00	2.52E-07	1.75E-07	3.62E+01	2.80E-01	1.90E-02	4.33E-02	3.78E-02	1.09E+00	1.79E+02	3.79E+01	1.29E-07	1.84E-07	1.43E-02	4.43E-04	2.13E+00	5.04E+00	2.27E+02	3.33E-04	2.25E+02	2.38E+02	6.68E+00	0.00E+00	0.00E+00	4.43E-02	1.62E+00
VA12NL	1.97E-02	3.88E+00	-2.43E-01	4.12E+00	2.12E-05	0.00E+00	7.03E+02	5.36E-05	2.77E-03	2.99E-02	8.99E-03	3.53E+00	3.61E-08	7.83E-08	2.40E+01	1.67E-01	1.22E-02	1.88E-02	2.09E-02	5.79E-01	8.48E+01	3.02E+01	7.90E-08	1.10E-07	9.36E-03	2.26E-04	1.34E+00	3.52E+00	1.15E+02	3.91E-05	1.15E+02	1.20E+02	4.86E+00	0.00E+00	0.00E+00	3.65E-02	8.98E-01
VA24A	3.69E-02	8.62E+00	-3.79E-01	9.00E+00	3.82E-05	0.00E+00	8.83E+02	6.80E-05	5.65E-03	6.12E-02	1.92E-02	3.79E+00	5.39E-08	1.09E-07	2.46E+01	2.35E-01	2.60E-02	3.52E-02	5.62E-02	8.86E-01	3.35E+02	4.21E+01	1.15E-07	2.00E-07	2.01E-02	3.42E-04	2.04E+00	5.77E+00	3.77E+02	8.32E-05	3.77E+02	3.85E+02	7.81E+00	0.00E+00	0.00E+00	4.91E-02	2.41E+00
VA24B	3.09E-02	5.47E+00	-2.99E-01	5.77E+00	4.09E-05	0.00E+00	1.91E+01	2.06E-04	3.89E-03	4.18E-02	1.27E-02	7.68E+00	1.17E-06	1.71E-07	3.35E+01	5.55E-01	1.71E-02	4.24E-02	3.94E-02	1.04E+00	1.26E+02	4.12E+01	1.30E-07	1.81E-07	1.35E-02	3.84E-04	2.02E+00	4.85E+00	1.67E+02	1.18E-04	1.67E+02	1.74E+02	6.87E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
VA24BN	3.70E-02	6.28E+00	-3.24E-01	6.61E+00	2.12E-05	0.00E+00	1.93E+03	8.60E-05	4.48E-03	4.82E-02	1.36E-02	9.97E+00	5.76E-08	2.09E-07	3.83E+01	2.13E-01	1.84E-02	3.45E-02	4.24E-02	9.69E-01	1.53E+02	4.24E+01	1.46E-07	2.09E-07	1.56E-02	3.62E-04	1.58E+00	4.96E+00	1.96E+02	1.10E-04	1.96E+02	2.02E+02	6.54E+00	0.00E+00	0.00E+00	3.65E-02	1.82E+00
VA24CN	4.33E-02	6.70E+00	-3.44E-01	7.04E+00	2.85E-05	0.00E+00	2.39E+03	1.28E-04	4.84E-03	5.22E-02	1.44E-02	1.36E+01	6.16E-08	2.81E-07	4.64E+01	3.46E-01	1.94E-02	4.53E-02	5.06E-02	1.04E+00	1.65E+02	4.33E+01	1.78E-07	2.47E-07	1.71E-02	3.94E-04	1.89E+00	5.29E+00	2.08E+02	1.52E-04	2.08E+02	2.16E+02	7.19E+00	0.00E+00	0.00E+00	4.91E-02	2.17E+00
VA24D	4.42E-02	9.55E+00	-2.86E-01	9.92E+00	2.95E-05	0.00E+00	1.33E+03	8.09E-05	6.12E-03	6.68E-02	1.90E-02	5.29E+00	5.10E-08	1.82E-07	2.85E+01	2.42E-01	2.57E-02	1.11E-01	7.92E-02	1.25E+00	2.73E+02	4.77E+01	1.27E-07	2.49E-07	2.26E-02	3.50E-04	3.20E+00	5.14E+00	3.50E+02	7.65E-05	3.28E+02	3.49E+02	8.69E+00	0.00E+00	0.00E+00	3.81E-02	3.42E+00
VA24DK	2.83E-02	5.53E+00	-3.26E-01	5.86E+00	2.15E-05	0.00E+00	9.44E+02	7.27E-05	3.94E-03	4.22E-02	1.28E-02	5.56E+00	5.13E-08	1.25E-07	2.82E+01	2.06E-01	1.73E-02	3.00E-02	3.35E-02	7.74E-01	1.33E+02	4.13E+01	1.09E-07	1.64E-07	1.33E-02	2.99E-04	1.64E+00	4.86E+00	1.75E+02	6.46E-05	1.77E+02	1.83E+02	6.34E+00	0.00E+00	0.00E+00	3.63E-02	1.42E+00
VA24DN	4.37E-02	8.91E+00	-2.70E-01	9.47E+00	4.36E-05	0.00E+00	3.74E+02	1.50E-04	5.92E-03	6.63E-02	1.90E-02	7.60E+00	9.80E-07	1.90E-07	2.94E+01	7.13E-01	2.57E-02	1.09E-01	7.34E-02	1.20E+00	2.52E+02	4.91E+01	1.24E-07	2.66E-07	2.24E-02	7.57E-04	3.49E+00	4.70E+00	3.19E+02	9.58E-03	2.97E+02	3.23E+02	8.13E+00	0.00E+00	0.00E+00	2.85E-02	3.16E+00
VA24E	2.89E-02	5.68E+00	-3.30E-01	6.01E+00	2.12E-05	0.00E+00	1.09E+03	7.97E-05	4.01E-03	4.32E-02	1.29E-02	5.46E+00	5.11E-08	1.21E-07	2.83E+01	2.18E-01	1.75E-02	3.04E-02	3.29E-02	7.75E-01	1.39E+02	4.20E+01	1.13E-07	1.62E-07	1.37E-02	2.94E-04	1.52E+00	4.90E+00	1.81E+02	6.06E-05	1.81E+02	1.87E+02	6.42E+00	0.00E+00	0.00E+00	3.65E-02	1.41E+00
VA24G	4.24E-02	8.16E+00	-2.63E-01	8.36E+00	3.01E-04	0.00E+00	1.98E+02	1.45E-04	5.61E-03	6.03E-02	1.78E-02	6.12E+00	9.95E-07	1.68E-07	2.92E+01	9.55E-01	2.41E-02	1.77E-01	7.34E-02	1.58E+00	2.21E+02	4.41E+01	1.28E-07	2.48E-07	2.05E-02	5.56E-04	5.22E+00	4.66E+00	2.99E+02	1.55E-04	2.80E+02	2.92E+02	7.72E+00	0.00E+00	0.00E+00	6.75E-03	3.16E+00
VA24K	7.70E-03	2.44E+00	-4.76E-02	2.44E+00	3.15E-04	0.00E+00	5.24E+01	1.40E-05	1.74E-03	1.79E-02	5.32E-03	6.22E-01	2.59E-08	2.24E-08	2.65E+00	9.36E-01	7.20E-03	1.19E-01	1.30E-02	9.91E-01	8.32E+01	1.54E+01	5.92E-08	6.25E-08	5.70E-03	5.34E-04	7.48E-01	1.48E+00	9.16E+01	7.58E-05	8.95E+01	9.53E+01	4.13E+00	0.00E+00	0.00E+00	1.84E-04	5.67E-01
VA24N	4.88E-02	9.79E+00	-3.39E-01	1.02E+01	2.93E-05	0.00E+00	2.25E+03	1.02E-04	6.21E-03	6.92E-02	2.05E-02	1.15E+01	1.75E-07	2.77E-07	4.49E+01	3.56E-01	2.77E-02	1.13E-01	7.94E-02	1.40E+00	2.96E+02	5.08E+01	1.55E-07	2.70E-07	2.32E-02	4.15E-04	3.34E+00	5.87E+00	3.86E+02	1.71E-03	3.73E+02	3.88E+02	9.44E+00	0.00E+00	0.00E+00	5.18E-02	3.43E+00
VA24NL	2.84E-02	5.56E+00	-3.30E-01	5.89E+00	2.12E-05	0.00E+00	9.64E+02	7.75E-05	3.93E-03	4.22E-02	1.27E-02	5.46E+00	5.02E-08	1.20E-07	2.82E+01	2.16E-01	1.73E-02	3.02E-02	3.21E-02	7.65E-01	1.37E+02	4.13E+01	1.11E-07	1.59E-07	1.35E-02	2.91E-04	1.30E+00	4.88E+00	1.78E+02	6.06E-05	1.78E+02	1.84E+02	6.18E+00	0.00E+00	0.00E+00	3.65E-02	1.38E+00
VA36APZ	4.14E-02	1.16E+01	-7.03E-02	1.16E+01	3.08E-04	0.00E+00	2.70E+02	7.87E-05	6.79E-03	7.48E-02	2.39E-02	7.95E-01	2.74E-08	6.09E-08	5.04E+00	1.04E+00	3.23E-02	3.36E-02	7.29E-02	1.32E+00	3.96E+02	6.70E+01	1.33E-07	2.30E-07	2.45E-02	6.09E-04	4.35E+00	2.66E+00	4.63E+02	6.52E-05	4.63E+02	4.70E+02	7.01E+00	0.00E+00	0.00E+00	2.52E-02	3.13E+00
VA36CN	5.05E-02	8.65E+00	-1.20E-01	8.77E+00	3.58E-05	0.00E+00	2.48E+03	1.39E-04	5.68E-03	6.23E-02	1.69E-02	1.46E+01	3.54E-08	3.05E-07	6.44E+01	3.96E-01	2.29E-02	5.37E-02	6.77E-02	1.14E+00	2.17E+02	5.68E+01	2.05E-07	2.86E-07	2.07E-02	4.33E-04	3.14E+00	2.47E+00	2.74E+02	1.62E-04	2.74E+02	2.80E+02	5.61E+00	0.00E+00	0.00E+00	6.17E-02	2.91E+00
VA36K	8.72E-03	3.49E+00	-4.93E-02	3.72E+00	4.23E-04	0.00E+00	6.23E+01	1.57E-05	3.00E-03	2.76E-02	7.33E-03	6.32E-01	2.82E-08	2.25E-08	2.75E+00	1.04E+00	9.91E-03	2.62E-01	1.48E-02	1.03E+00	1.88E+02	1.76E+01	5.69E-08	5.63E-08	9.03E-03	5.73E-04	8.50E-01	1.57E+00	2.00E+02	9.00E-05	1.84E+02	1.89E+02	4.74E+00	0.00E+00	0.00E+00	8.10E-04	6.46E-01
VA36NW	5.96E-02	1.45E+01	-4.26E-01	1.49E+01	4.85E-04	0.00E+00	2.06E+03	2.97E-04	9.19E-03	1.02E-01	2.93E-02	5.30E+00	7.41E-07	1.95E-07	1.93E+01	2.11E+00	3.96E-02	9.32E-02	9.92E-02	2.26E+00	5.31E+02	6.26E+01	2.13E-06	3.41E-07	3.27E-02	9.70E-04	8.99E+00	7.96E+00	5.93E+02	1.52E-04	5.93E+02	6.10E+02	1.69E+01	0.00E+00	0.00E+00	2.52E-02	4.26E+00
VA36NWB	3.80E-02	1.06E+01	-4.12E-01	1.10E+01	2.94E-04	0.00E+00	7.53E+01	7.28E-05	6.69E-03	7.22E-02	2.38E-02	2.83E-01	6.09E-08	5.29E-08	4.34E+00	9.65E-01	3.22E-02	5.60E-02	6.34E-02	1.37E+00	4.05E+02	5.49E+01	1.11E-07	2.05E-07	2.36E-02	6.22E-04	2.97E+00	6.95E+00	4.60E+02	6.05E-05	4.60E+02	4.70E+02	9.92E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+00
VA36NWP	6.72E-02	1.88E+01	-1.03E-01	1.97E+01	4.56E-04	0.00E+00	1.30E+03	2.32E-04	1.25E-02	1.36E-01	3.56E-02	5.09E+00	5.97E-07	2.70E-07	2.28E+01	1.97E+00	4.79E-02	1.50E-01	1.14E-01	2.38E+00	5.23E+02	6.95E+01	2.05E-06	4.02E-07	4.50E-02	1.09E-03	8.76E+00	4.17E+00	6.43E+02	1.02E-04	6.38E+02	6.81E+02	1.70E+01	0.00E+00	0.00E+00	1.81E-03	4.89E+00
VA36RM	4.12E-02	9.24E+00	-1.07E-01	9.46E+00	1.82E-05	0.00E+00	3.73E+02	4.89E-05	5.69E-03	6.27E-02	1.83E-02	3.21E+00	2.80E-08	1.11E-07	9.06E+00	2.92E-01	2.48E-02	3.09E-01	8.30E-02	1.12E+00	4.36E+02	4.60E+01	1.00E-07	2.23E-07	2.10E-02	3.80E-04	3.80E+00	2.74E+00	4.70E+02	1.30E-04	5.04E+02	5.32E+02	7.41E+00	0.00E+00	0.00E+00	2.76E-02	3.62E+00
VA36V	1.64E-02	4.62E+00	-4.94E-02	5.09E+00	1.48E-05	0.00E+00	4.33E+01	1.94E-05	3.21E-03	3.42E-02	9.38E-03	4.02E-01	2.69E-08	3.51E-08	3.17E+00	2.19E-01	1.27E-02	2.02E-01	2.53E-02	7.74E-01	3.19E+02	2.14E+01	4.98E-08	1.20E-07	1.12E-02	3.15E-04	1.12E+00	1.80E+00	3.16E+02	4.50E-05	3.40E+02	3.48E+02	5.26E+00	0.00E+00	0.00E+00	2.04E-03	1.08E+00
VA36W	8.99E-03	3.95E+00	-4.94E-02	4.07E+00	4.23E-04	0.00E+00	6.25E+01	1.40E-05	3.47E-03	3.07E-02	7.51E-03	1.62E-01	2.23E-08	2.29E-08	2.78E+00	1.05E+00	1.02E-02	2.62E-01	1.63E-02	1.09E+00	1.88E+02	1.89E+01	5.79E-08	5.75E-08	1.07E-02	5.88E-04	7.95E-01	1.58E+00	2.00E+02	8.73E-05	1.84E+02	1.89E+02	4.85E+00	0.00E+00	0.00E+00	2.80E-04	7.22E-01
VA36WWH	5.75E-02	1.35E+01	-7.23E-02	1.40E+01	1.13E-03	0.00E+00	1.57E+03	1.99E-04	8.95E-03	9.82E-02	2.66E-02	3.85E+00	6.03E-07	1.82E-07	1.72E+01	3.35E+00	3.61E-02	2.62E-01	9.94E-02	3.30E+00	4.58E+02	6.66E+01	2.11E-06	3.39E-07	2.91E-02	1.38E-03	1.16E+01	2.29E+00	5.98E+02	1.68E-04	5.89E+02	5.81E+02	1.98E+01	0.00E+00	0.00E+00	2.31E-02	4.30E+00
VA48K	1.63E-02	6.46E+00	-4.93E-02	6.91E+00	4.67E-04	0.00E+00	6.69E+01	1.87E-05	4.32E-03	4.57E-02	8.99E-03	4.69E-01	3.66E-08	3.36E-08	3.12E+00	1.10E+00	1.22E-02	3.77E-01	2.61E-02	1.10E+00	3.74E+02	2.12E+01	5.89E-08	1.24E-07	1.52E-02	6.86E-04	7.36E-01	1.84E+00	3.71E+02	9.76E-05	4.01E+02	4.07E+02	5.31E+00	0.00E+00	0.00E+00	1.80E-03	1.14E+00
VA48NWB	4.97E-02	1.46E+01	-4.66E-01	1.51E+01	2.62E-04	0.00E+00	1.98E+02	1.70E-04	9.15E-03	9.98E-02	2.92E-02	4.21E+00	1.08E-07	1.09E-07	1.25E+01	7.38E-01	3.96E-02	1.35E-01	1.02E-01	1.87E+00	6.00E+02	7.19E+01	2.30E-07	3.23E-07	3.28E-02	3.72E-04	3.88E+00	7.69E+00	6.87E+02	1.30E-04	6.60E+02	6.89E+02	1.23E+01	0.00E+00	0.00E+00	1.29E-03	4.36E+00
VA48V	1.98E-02	5.30E+00	-3.47E-01	5.65E+00	9.78E-06	0.00E+00	6.03E+01	8.39E-06	3.45E-03	3.67E-02	1.25E-02	2.92E-02	4.50E-08	3.66E-08	3.67E+00	3.21E-02	1.70E-02	1.57E-02	4.66E-02	3.11E-01	3.44E+02	1.01E+00	2.61E-08	1.01E-07	1.27E-02	1.17E-04	1.56E-01	5.04E+00	3.46E+02	7.13E-05	3.46E+02	3.51E+02	5.20E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+00
VA48W	1.58E-02	6.46E+00	-4.93E-02	6.91E+00	4.67E-04	0.00E+00	6.60E+01	1.81E-05	4.31E-03	4.55E-02	8.97E-03	4.67E-01	3.66E-08	3.27E-08	3.03E+00	1.10E+00	1.22E-02	3.81E-01	2.49E-02	1.10E+00	3.74E+02	2.11E+01	6.04E-08	1.24E-07	1.52E-02	6.77E-04	7.54E-01	1.84E+00	3.70E+02	9.41E-05	4.00E+02	4.07E+02	5.29E+00	0.00E+00	0.00E+00	1.80E-03	1.09E+00
VB118B	2.98E-02	8.11E+00	-2.24E-01	8.34E+00	8.64E-04	0.00E+00	1.18E+03	4.64E-05	5.73E-03	6.12E-02	2.08E-02	3.63E+00	7.27E-08	1.19E-07	1.80E+01	3.30E+00	2.82E-02	3.53E-02	6.41E-02	4.52E+00	1.41E+02	7.74E+01	1.19E-07	2.08E-07	1.94E-02	2.73E-03	9.05E+00	6.06E+00	2.19E+02	4.10E-05	2.19E+02	2.34E+02	1.51E+01	0.00E+00	0.00E+00	4.96E-02	2.75E+00
VB118C	3.06E-02	8.27E+00	-2.28E-01	8.50E+00	7.64E-04	0.00E+00	1.18E+03	4.54E-05	5.80E-03	6.19E-02	2.14E-02	3.63E+00	1.87E-07	1.21E-07	1.94E+01	3.07E+00	2.90E-02	6.56E-02	6.67E-02	4.67E+00	1.49E+02	7.75E+01	1.22E-07	2.14E-07	1.97E-02	2.86E-03	8.84E+00	6.12E+00	2.27E+02	5.00E-05	2.27E+02	2.42E+02	1.50E+01	0.00E+00	0.00E+00	1.26E-01	2.86E+00
VB118L	3.05E-02	8.81E+00	-2.29E-01	9.11E+00	8.15E-04	0.00E+00	6.42E+02	7.38E-05	6.05E-03	6.50E-02	2.13E-02	1.07E+01	1.53E-07	1.29E-07	1.79E+01	3.22E+00	2.88E-02	5.90E-02	6.93E-02	4.28E+00	3.60E+02	6.62E+01	1.67E-07	2.68E-07	2.15E-02	2.56E-03	8.78E+00	6.00E+00	2.24E+02	3.70E-03	5.32E+02	4.02E+02	1.41E+01	0.00E+00	0.00E+00	2.54E-02	2.97E+00
VB118P	3.06E-02	8.28E+00	-2.28E-01	8.50E+00	7.64E-04	0.00E+00	1.18E+03	4.54E-05	5.81E-03	6.20E-02	2.14E-02	3.63E+00	1.87E-07	1.21E-07	1.94E+01	3.07E+00	2.90E-02	6.56E-02	6.67E-02	4.67E+00	1.49E+02	7.75E+01	1.22E-07	2.15E-07	1.97E-02	2.86E-03	8.84E+00	6.12E+00	2.27E+02	5.00E-05	2.27E+02	2.42E+02	1.50E+01	0.00E+00	0.00E+00	1.26E-01	2.86E+00
VB118PB	3.07E-02	8.12E+00	-1.87E-01	8.30E+00	8.71E-04	0.00E+00	3.66E+02	2.32E-04	5.75E-03	6.15E-02	2.05E-02	4.13E+00	7.94E-07	1.45E-07	2.07E+01	3.72E+00	2.79E-02	5.69E-02	7.07E-02	4.67E+00	1.34E+02	7.76E+01	1.42E-07	2.19E-07	1.95E-02	2.80E-03	9.40E+00	5.99E+00	2.12E+02	7.67E-05	2.12E+02	2.27E+02	1.54E+01	0.00E+00	0.00E+00	1.06E-02	3.04E+00
VB118PP	3.06E-02	8.23E+00	-2.49E-01	8.48E+00	8.64E-04	0.00E+00	1.18E+03	4.45E-05	5.80E-03	6.20E-02	2.08E-02	3.64E+00	1.87E-07	1.18E-07	1.92E+01	3.06E+00	2.82E-02	3.53E-02	5.77E-02	3.52E+00	1.47E+02	7.74E+01	1.14E-07	2.03E-07	1.92E-02	2.04E-03	8.33E+00	6.06E+00	2.25E+02	4.13E-05	2.25E+02	2.39E+02	1.44E+01	0.00E+00	0.00E+00	4.96E-02	2.48E+00
VB118R	2.97E-02	8.32E+00	-2.30E-01	8.61E+00	8.15E-04	0.00E+00	6.38E+02	6.03E-05	5.79E-03	6.26E-02	2.06E-02	1.06E+01	1.52E-07	1.27E-07	1.78E+01	3.22E+00	2.79E-02	5.34E-02	6.68E-02	4.28E+00	3.53E+02	6.59E+01	1.65E-07	2.64E-07	1.97E-02	2.51E-03	8.77E+00	5.67E+00	2.19E+02	3.60E-03	5.25E+02	3.97E+02	1.41E+01	0.00E+00	0.00E+00	2.55E-02	2.87E+00
VB118TB	3.12E-02	8.46E+00	-3.10E-01	8.76E+00	8.50E-04	0.00E+00	5.90E+02	1.74E-04	5.99E-03	6.44E-02	2.09E-02	9.16E+00	9.50E-07	1.33E-07	1.85E+01	3.43E+00	2.83E-02	6.63E-02	6.70E-02	4.56E+00	4.37E+02	7.20E+01	1.79E-07	2.65E-07	2.11E-02	2.65E-03	9.20E+00	7.39E+00	2.26E+02	4.37E-03	4.09E+02	4.23E+02	1.48E+01	0.00E+00	0.00E+00	3.02E-02	2.88E+00
VB218B	4.47E-02	1.17E+01	-3.01E-01	1.21E+01	1.27E-03	0.00E+00	1.40E+03	1.23E-04	8.20E-03	8.71E-02	2.96E-02	7.73E+00	2.71E-07	1.71E-07	2.89E+01	5.10E+00	4.02E-02	8.67E-02	9.38E-02	6.03E+00	5.40E+02	9.73E+01	1.87E-07	3.27E-07	2.80E-02	3.54E-03	1.07E+01	7.85E+00	3.18E+02	4.61E-04	5.44E+02	6.01E+02	1.93E+01	0.00E+00	0.00E+00	5.25E-02	4.02E+00
VB218C	5.40E-02	1.39E+01	-3.36E-01	1.43E+01	1.07E-03	0.00E+00	1.33E+03	6.58E-05	9.44E-03	1.01E-01	3.29E-02	2.37E+01	3.38E-07	2.22E-07	3.00E+01	4.23E+00	4.46E-02	2.05E-01	1.18E-01	7.01E+00	2.90E+02	1.05E+02	7.50E-07	7.66E-07	3.31E-02	4.19E-03	1.08E+01	8.84E+00	3.94E+02	3.39E-04	3.94E+02	4.14E+02	1.97E+01	0.00E+00	0.00E+00	2.02E-01	5.06E+00
VB218L	4.87E-02	1.23E+01	-3.00E-01	1.27E+01	1.27E-03	0.00E+00	4.90E+02	1.21E-04	8.42E-03	9.07E-02	3.15E-02	7.42E+00	2.52E-07	1.86E-07	2.49E+01	5.15E+00	4.24E-02	8.59E-02	9.79E-02	6.30E+00	4.10E+02	9.83E+01	1.94E-07	3.68E-07	2.99E-02	3.75E-03	1.07E+01	7.54E+00	3.26E+02	4.55E-04	5.51E+02	6.05E+02	1.95E+01	0.00E+00	0.00E+00	2.31E-02	4.17E+00
VB218P	5.40E-02	1.39E+01	-3.36E-01	1.43E+01	1.07E-03	0.00E+00	1.33E+03	6.58E-05	9.43E-03	1.01E-01	3.29E-02	2.37E+01	3.38E-07	2.22E-07	3.00E+01	4.23E+00	4.46E-02	2.05E-01	1.18E-01	7.01E+00	2.90E+02	1.05E+02	7.50E-07	7.65E-07	3.31E-02	4.19E-03	1.08E+01	8.84E+00	3.94E+02	3.39E-04	3.94E+02	4.14E+02	1.97E+01	0.00E+00	0.00E+00	2.02E-01	5.06E+00
VB218PB	4.10E-02	1.16E+01	-2.75E-01	1.18E+01	1.29E-03	0.00E+00	3.86E+02	2.47E-04	8.14E-03	8.68E-02	2.97E-02	4.15E+00	9.42E-07	1.70E-07	2.29E+01	5.22E+00	4.03E-02	7.33E-02	9.67E-02	6.37E+00	2.07E+02	1.11E+02	1.86E-07	2.88E-07	2.76E-02	3.83E-03	1.18E+01	8.47E+00	3.18E+02	7.76E-05	3.18E+02	3.38E+02	2.03E+01	0.00E+00	0.00E+00	1.06E-02	4.15E+00
VB218PP	4.47E-02	1.21E+01	-3.40E-01	1.24E+01	1.28E-03	0.00E+00	1.40E+03	6.15E-05	8.49E-03	9.05E-02	3.02E-02	5.15E+00	3.37E-07	1.70E-07	2.47E+01	4.49E+00	4.10E-02	5.47E-02	8.52E-02	5.20E+00	2.32E+02	1.11E+02	1.67E-07	2.93E-07	2.83E-02	3.02E-03	1.07E+01	8.59E+00	3.43E+02	5.86E-05	3.43E+02	3.63E+02	1.93E+01	0.00E+00	0.00E+00	4.96E-02	3.66E+00
VB218R	4.47E-02	1.17E+01	-3.01E-01	1.21E+01	1.27E-03	0.00E+00	1.40E+03	1.23E-04	8.20E-03	8.71E-02	2.96E-02	7.73E+00	2.71E-07	1.71E-07	2.89E+01	5.10E+00	4.02E-02	8.67E-02	9.38E-02	6.03E+00	5.40E+02	9.73E+01	1.87E-07	3.27E-07	2.80E-02	3.54E-03	1.07E+01	7.85E+00	3.18E+02	4.61E-04	5.44E+02	6.01E+02	1.93E+01	0.00E+00	0.00E+00	5.25E-02	4.02E+00
VB218TB	4.10E-02	1.15E+01	-2.75E-01	1.18E+01	1.29E-03	0.00E+00	3.86E+02	2.47E-04	8.13E-03	8.66E-02	2.97E-02	4.15E+00	9.42E-07	1.70E-07	2.29E+01	5.22E+00	4.03E-02	7.33E-02	9.67E-02	6.37E+00	2.07E+02	1.11E+02	1.86E-07	2.88E-07	2.75E-02	3.83E-03	1.18E+01	8.47E+00	3.18E+02	7.76E-05	3.18E+02	3.38E+02	2.03E+01	0.00E+00	0.00E+00	1.06E-02	4.15E+00
VB318A	5.48E-02	1.25E+01	-4.36E-01	1.30E+01	5.06E-04	0.00E+00	2.15E+03	6.74E-05	9.14E-03	9.75E-02	3.13E-02	9.06E+00	5.42E-07	2.43E-07	3.48E+01	2.57E+00	4.26E-02	4.91E-02	1.01E-01	4.50E+00	2.60E+02	1.14E+02	1.74E-07	3.46E-07	3.09E-02	2.72E-03	7.59E+00	9.11E+00	3.74E+02	1.02E-04	3.74E+02	3.90E+02	1.67E+01	0.00E+00	0.00E+00	4.96E-02	4.33E+00
VB318B	5.53E-02	1.56E+01	-3.63E-01	1.61E+01	1.69E-03	0.00E+00	1.44E+03	1.47E-04	1.07E-02	1.14E-01	3.81E-02	7.79E+00	2.52E-07	2.10E-07	3.17E+01	6.33E+00	5.17E-02	9.95E-02	1.19E-01	7.80E+00	6.73E+02	1.24E+02	2.38E-07	4.19E-07	3.69E-02	4.63E-03	1.44E+01	8.66E+00	4.43E+02	2.79E-04	6.67E+02	6.52E+02	2.52E+01	0.00E+00	0.00E+00	5.83E-02	5.03E+00
VB318L	6.66E-02	1.91E+01	-4.27E-01	1.93E+01	1.74E-03	0.00E+00	1.44E+03	1.45E-04	1.32E-02	1.42E-01	4.23E-02	7.61E+00	2.12E-07	2.31E-07	3.30E+01	6.64E+00	5.71E-02	9.61E-02	1.59E-01	9.34E+00	6.86E+02	1.37E+02	2.46E-07	4.51E-07	4.46E-02	5.29E-03	1.57E+01	1.16E+01	4.55E+02	2.83E-04	6.02E+02	6.65E+02	2.90E+01	0.00E+00	0.00E+00	5.81E-02	6.92E+00
VB318MMP	5.39E-02	1.54E+01	-3.22E-01	1.59E+01	1.49E-03	0.00E+00	5.95E+02	1.50E-04	1.09E-02	1.18E-01	3.89E-02	7.35E+00	2.24E-07	1.96E-07	2.75E+01	5.78E+00	5.28E-02	8.35E-02	1.17E-01	7.46E+00	7.54E+02	1.19E+02	2.53E-07	4.15E-07	3.72E-02	4.39E-03	1.12E+01	8.44E+00	4.48E+02	4.04E-03	6.70E+02	8.35E+02	2.36E+01	0.00E+00	0.00E+00	3.02E-02	4.98E+00
VB318MMT	5.71E-02	1.69E+01	-3.90E-01	1.75E+01	1.49E-03	0.00E+00	5.98E+02	1.52E-04	1.22E-02	1.31E-01	3.92E-02	6.92E+00	2.24E-07	2.01E-07	2.81E+01	5.78E+00	5.32E-02	8.33E-02	1.28E-01	8.31E+00	7.56E+02	1.22E+02	2.56E-07	4.21E-07	4.04E-02	4.59E-03	1.18E+01	9.39E+00	4.52E+02	3.67E-03	5.92E+02	7.58E+02	2.57E+01	0.00E+00	0.00E+00	3.04E-02	5.49E+00
VB318MP	5.17E-02	1.61E+01	-4.83E-01	1.66E+01	1.24E-03	0.00E+00	3.85E+02	5.29E-05	1.09E-02	1.16E-01	3.64E-02	8.92E-01	9.92E-08	1.16E-07	1.09E+01	4.72E+00	4.93E-02	3.54E-01	1.34E-01	6.23E+00	6.18E+02	1.10E+02	1.56E-07	3.47E-07	3.85E-02	3.81E-03	1.11E+01	1.10E+01	7.28E+02	1.38E-05	7.28E+02	7.50E+02	2.21E+01	0.00E+00	0.00E+00	1.06E-02	5.75E+00
VB318P	6.36E-02	1.59E+01	-4.68E-01	1.64E+01	1.39E-03	0.00E+00	1.43E+03	8.29E-05	1.11E-02	1.18E-01	3.90E-02	3.54E+01	4.90E-07	2.76E-07	2.68E+01	5.37E+00	5.30E-02	1.93E-01	1.36E-01	8.45E+00	2.37E+02	1.32E+02	1.12E-06	1.06E-06	3.84E-02	4.99E-03	1.27E+01	1.16E+01	3.69E+02	4.80E-04	3.69E+02	3.94E+02	2.43E+01	0.00E+00	0.00E+00	2.02E-01	5.83E+00
VB318PB	5.11E-02	1.49E+01	-4.00E-01	1.53E+01	1.76E-03	0.00E+00	4.09E+02	2.63E-04	1.05E-02	1.12E-01	3.85E-02	4.16E+00	1.09E-06	1.95E-07	2.52E+01	6.82E+00	5.24E-02	8.94E-02	1.21E-01	8.11E+00	2.82E+02	1.42E+02	2.32E-07	3.58E-07	3.55E-02	4.86E-03	1.47E+01	1.15E+01	4.25E+02	7.85E-05	4.25E+02	4.51E+02	2.62E+01	0.00E+00	0.00E+00	1.06E-02	5.20E+00

VB318PE	5.79E-02	1.55E+01	-4.34E-01	1.60E+01	1.75E-03	0.00E+00	1.93E+03	8.64E-05	1.10E-02	1.17E-01	3.95E-02	7.75E+00	4.94E-07	2.52E-07	3.44E+01	6.40E+00	5.38E-02	7.28E-02	1.24E-01	8.15E+00	3.05E+02	1.43E+02	2.45E-07	3.93E-07	3.73E-02	4.86E-03	1.46E+01	1.16E+01	4.48E+02	8.80E-05	4.48E+02	4.74E+02	2.63E+01	0.00E+00	0.00E+00	4.96E-02	5.33E+00
VB318PP	6.27E-02	1.62E+01	-4.66E-01	1.66E+01	1.75E-03	0.00E+00	2.18E+03	8.64E-05	1.14E-02	1.22E-01	3.98E-02	9.01E+00	4.96E-07	2.70E-07	3.55E+01	6.03E+00	5.41E-02	7.57E-02	1.17E-01	6.99E+00	3.26E+02	1.43E+02	2.42E-07	4.07E-07	3.82E-02	4.03E-03	1.38E+01	1.17E+01	4.69E+02	1.02E-04	4.69E+02	4.94E+02	2.55E+01	0.00E+00	0.00E+00	4.96E-02	5.01E+00
VB318R	6.03E-02	1.55E+01	-4.36E-01	1.59E+01	1.77E-03	0.00E+00	2.19E+03	8.87E-05	1.10E-02	1.17E-01	3.89E-02	9.49E+00	1.53E-07	2.77E-07	3.26E+01	6.34E+00	5.30E-02	7.61E-02	1.24E-01	8.05E+00	3.13E+02	1.36E+02	2.42E-07	4.04E-07	3.74E-02	4.75E-03	1.41E+01	1.16E+01	4.49E+02	1.06E-04	4.49E+02	4.75E+02	2.57E+01	0.00E+00	0.00E+00	8.86E-02	5.31E+00
VB318TB	5.12E-02	1.49E+01	-4.00E-01	1.53E+01	1.76E-03	0.00E+00	4.09E+02	2.63E-04	1.05E-02	1.12E-01	3.85E-02	4.16E+00	1.09E-06	1.95E-07	2.52E+01	6.82E+00	5.24E-02	8.94E-02	1.21E-01	8.11E+00	2.83E+02	1.42E+02	2.32E-07	3.58E-07	3.55E-02	4.86E-03	1.47E+01	1.15E+01	4.25E+02	7.85E-05	4.25E+02	4.51E+02	2.62E+01	0.00E+00	0.00E+00	1.06E-02	5.20E+00
VB418A	6.70E-02	1.54E+01	-5.04E-01	1.59E+01	6.67E-04	0.00E+00	2.34E+03	7.35E-05	1.12E-02	1.19E-01	3.80E-02	1.10E+01	7.07E-07	2.96E-07	4.12E+01	3.25E+00	5.18E-02	6.03E-02	1.24E-01	5.70E+00	3.32E+02	1.37E+02	2.15E-07	4.24E-07	3.79E-02	3.45E-03	9.35E+00	1.09E+01	4.69E+02	1.24E-04	4.69E+02	4.89E+02	2.02E+01	0.00E+00	0.00E+00	4.96E-02	5.32E+00
VB418B	7.58E-02	2.00E+01	-4.10E-01	2.04E+01	2.49E-03	0.00E+00	2.73E+03	1.13E-04	1.39E-02	1.48E-01	4.93E-02	1.19E+01	1.81E-07	3.52E-07	3.94E+01	8.68E+00	6.71E-02	9.66E-02	1.57E-01	1.04E+01	4.08E+02	1.74E+02	3.12E-07	5.09E-07	4.75E-02	6.11E-03	1.84E+01	1.32E+01	5.82E+02	1.32E-04	5.82E+02	6.14E+02	3.16E+01	0.00E+00	0.00E+00	8.86E-02	6.73E+00
VB418C	8.04E-02	2.01E+01	-4.23E-01	2.05E+01	1.96E-03	0.00E+00	1.95E+03	1.02E-04	1.36E-02	1.46E-01	4.78E-02	4.89E+01	1.24E-07	3.70E-07	2.89E+01	7.26E+00	6.47E-02	2.55E-01	1.72E-01	1.08E+01	2.98E+02	1.61E+02	1.48E-06	1.41E-06	4.78E-02	6.35E-03	1.63E+01	1.27E+01	4.59E+02	6.60E-04	4.59E+02	4.88E+02	2.90E+01	0.00E+00	0.00E+00	2.79E-01	7.38E+00
VB418L	7.18E-02	2.00E+01	-4.04E-01	2.04E+01	2.39E-03	0.00E+00	1.43E+03	1.93E-04	1.45E-02	1.48E-01	5.07E-02	1.11E+01	2.52E-07	2.83E-07	7.66E+01	8.03E+00	6.86E-02	1.23E-01	1.74E-01	9.80E+00	7.58E+02	1.46E+02	3.29E-07	5.41E-07	4.99E-02	5.84E-03	1.83E+01	1.12E+01	5.50E+02	1.28E-04	6.92E+02	8.20E+02	3.04E+01	0.00E+00	0.00E+00	1.44E-01	7.47E+00
VB418MMP	7.46E-02	1.98E+01	-4.16E-01	2.06E+01	2.39E-03	0.00E+00	5.39E+02	2.12E-04	1.49E-02	1.54E-01	5.03E-02	8.59E+00	2.14E-07	2.56E-07	7.72E+01	8.06E+00	6.80E-02	9.68E-02	1.77E-01	9.84E+00	8.25E+02	1.61E+02	3.08E-07	5.73E-07	4.91E-02	5.73E-03	1.74E+01	1.32E+01	5.23E+02	3.69E-03	6.76E+02	8.68E+02	3.25E+01	0.00E+00	0.00E+00	4.37E-02	7.52E+00
VB418MMT	7.18E-02	1.96E+01	-4.10E-01	2.02E+01	2.37E-03	0.00E+00	5.39E+02	1.76E-04	1.43E-02	1.51E-01	4.90E-02	8.09E+00	2.14E-07	2.49E-07	4.17E+01	7.97E+00	6.66E-02	9.74E-02	1.59E-01	9.80E+00	8.09E+02	1.58E+02	3.06E-07	5.41E-07	4.71E-02	5.73E-03	1.72E+01	1.18E+01	5.15E+02	3.68E-03	6.68E+02	8.44E+02	3.11E+01	0.00E+00	0.00E+00	4.36E-02	6.67E+00
VB418MTP	7.05E-02	1.96E+01	-4.09E-01	2.02E+01	2.39E-03	0.00E+00	5.29E+02	1.74E-04	1.38E-02	1.45E-01	4.90E-02	8.21E+00	2.30E-07	2.53E-07	4.04E+01	7.97E+00	6.66E-02	1.03E-01	1.57E-01	9.80E+00	8.08E+02	1.59E+02	3.02E-07	4.96E-07	4.67E-02	5.74E-03	1.73E+01	1.19E+01	5.16E+02	3.68E-03	6.68E+02	8.45E+02	3.11E+01	0.00E+00	0.00E+00	4.22E-02	6.61E+00
VB418MTT	7.60E-02	1.99E+01	-4.15E-01	2.06E+01	2.41E-03	0.00E+00	5.29E+02	2.17E-04	1.49E-02	1.49E-01	5.09E-02	8.76E+00	2.31E-07	2.60E-07	8.10E+01	8.04E+00	6.93E-02	1.03E-01	1.80E-01	9.84E+00	8.41E+02	1.62E+02	3.04E-07	5.41E-07	4.98E-02	5.75E-03	1.74E+01	1.63E+01	5.41E+02	3.69E-03	6.85E+02	9.34E+02	3.25E+01	0.00E+00	0.00E+00	4.23E-02	7.67E+00
VB418P	8.05E-02	2.01E+01	-4.24E-01	2.05E+01	1.96E-03	0.00E+00	1.95E+03	1.02E-04	1.36E-02	1.46E-01	4.78E-02	4.89E+01	1.25E-07	3.70E-07	2.89E+01	7.26E+00	6.47E-02	2.55E-01	1.72E-01	1.08E+01	2.98E+02	1.61E+02	1.48E-06	1.41E-06	4.78E-02	6.35E-03	1.63E+01	1.27E+01	4.59E+02	6.60E-04	4.59E+02	4.88E+02	2.90E+01	0.00E+00	0.00E+00	2.79E-01	7.38E+00
VB418PB	6.16E-02	1.89E+01	-3.73E-01	1.93E+01	2.48E-03	0.00E+00	4.36E+02	2.79E-04	1.30E-02	1.39E-01	4.80E-02	4.18E+00	1.23E-06	2.26E-07	2.77E+01	9.12E+00	6.53E-02	1.06E-01	1.48E-01	1.03E+01	3.67E+02	1.78E+02	2.88E-07	4.32E-07	4.41E-02	6.16E-03	1.90E+01	1.29E+01	5.44E+02	7.95E-05	5.44E+02	5.76E+02	3.19E+01	0.00E+00	0.00E+00	1.06E-02	6.34E+00
VB418PE	7.12E-02	1.97E+01	-4.07E-01	2.01E+01	2.48E-03	0.00E+00	2.16E+03	1.06E-04	1.37E-02	1.46E-01	4.94E-02	9.13E+00	6.34E-07	3.09E-07	4.00E+01	8.71E+00	6.72E-02	9.27E-02	1.54E-01	1.04E+01	3.98E+02	1.79E+02	3.11E-07	4.83E-07	4.67E-02	6.19E-03	1.89E+01	1.32E+01	5.76E+02	1.04E-04	5.76E+02	6.08E+02	3.21E+01	0.00E+00	0.00E+00	4.96E-02	6.62E+00
VB418PP	7.79E-02	2.06E+01	-4.41E-01	2.10E+01	2.48E-03	0.00E+00	2.39E+03	1.05E-04	1.43E-02	1.52E-01	4.98E-02	1.10E+01	6.36E-07	3.37E-07	4.24E+01	8.29E+00	6.77E-02	9.71E-02	1.47E-01	9.27E+00	4.25E+02	1.79E+02	3.11E-07	5.07E-07	4.81E-02	5.33E-03	1.81E+01	1.32E+01	6.04E+02	1.24E-04	6.04E+02	6.35E+02	3.14E+01	0.00E+00	0.00E+00	4.96E-02	6.30E+00
VB418R	7.58E-02	2.00E+01	-4.10E-01	2.04E+01	2.49E-03	0.00E+00	2.73E+03	1.13E-04	1.39E-02	1.48E-01	4.93E-02	1.19E+01	1.81E-07	3.52E-07	3.94E+01	8.68E+00	6.71E-02	9.66E-02	1.57E-01	1.04E+01	4.08E+02	1.74E+02	3.12E-07	5.09E-07	4.75E-02	6.11E-03	1.84E+01	1.32E+01	5.82E+02	1.32E-04	5.82E+02	6.14E+02	3.16E+01	0.00E+00	0.00E+00	8.86E-02	6.73E+00
VB418TB	6.17E-02	1.89E+01	-3.73E-01	1.93E+01	2.48E-03	0.00E+00	4.36E+02	2.79E-04	1.30E-02	1.39E-01	4.80E-02	4.18E+00	1.23E-06	2.26E-07	2.77E+01	9.12E+00	6.53E-02	1.06E-01	1.48E-01	1.03E+01	3.67E+02	1.78E+02	2.88E-07	4.32E-07	4.41E-02	6.16E-03	1.90E+01	1.29E+01	5.44E+02	7.95E-05	5.44E+02	5.76E+02	3.19E+01	0.00E+00	0.00E+00	1.06E-02	6.34E+00
VD101ND	1.11E-03	2.94E-01	-1.84E-02	2.86E-01	7.55E-07	0.00E+00	7.28E+00	2.90E-06	1.86E-04	2.03E-03	7.16E-04	7.27E-03	3.36E-09	2.55E-09	1.67E+00	1.21E-01	9.87E-04	7.32E-03	1.74E-03	2.07E-01	8.71E+00	2.61E+00	7.59E-09	8.68E-09	6.18E-04	2.87E-04	4.85E-01	2.02E-01	7.68E+00	1.23E-05	7.55E+00	8.37E+00	6.79E-01	0.00E+00	0.00E+00	5.19E-03	7.31E-02
VD101NT	8.67E-04	2.68E-01	-1.65E-02	2.84E-01	0.00E+00	0.00E+00	2.05E+02	3.29E-06	2.01E-04	2.13E-03	7.26E-04	1.80E-03	3.50E-09	2.76E-09	1.57E+00	3.73E-02	9.82E-04	8.45E-04	1.96E-03	6.75E-02	2.91E+00	3.10E+00	2.76E-09	5.92E-09	6.29E-04	4.25E-05	1.78E-01	2.64E-01	6.01E+00	8.38E-08	6.01E+00	6.45E+00	4.42E-01	0.00E+00	0.00E+00	0.00E+00	8.42E-02
VD102ND	1.40E-03	4.58E-01	-2.61E-02	5.02E-01	2.14E-07	0.00E+00	7.32E+00	2.84E-06	3.33E-04	3.59E-03	1.08E-03	7.42E-03	4.43E-09	2.58E-09	1.66E+00	1.21E-01	1.44E-03	7.52E-03	2.80E-03	2.08E-01	8.81E+00	4.06E+00	7.46E-09	1.10E-08	1.11E-03	2.87E-04	4.43E-01	3.21E-01	1.10E+01	1.17E-05	1.08E+01	1.15E+01	6.49E-01	0.00E+00	0.00E+00	5.22E-03	1.19E-01
VD102NE	1.14E-03	2.42E-01	-2.81E-02	2.70E-01	0.00E+00	0.00E+00	1.23E+00	1.08E-06	2.03E-04	2.11E-03	8.71E-04	1.52E-03	3.81E-09	1.37E-09	1.66E+00	4.51E-02	1.18E-03	1.01E-03	2.30E-03	7.87E-02	2.52E+00	3.41E+00	2.09E-09	6.01E-09	6.42E-04	5.27E-05	1.52E-01	4.21E-01	5.93E+00	7.97E-08	5.93E+00	6.50E+00	5.73E-01	0.00E+00	0.00E+00	0.00E+00	9.87E-02
VD102NT	9.06E-04	2.45E-01	-2.87E-02	2.74E-01	0.00E+00	0.00E+00	1.20E+01	1.22E-06	2.07E-04	2.15E-03	8.78E-04	1.58E-03	3.94E-09	1.46E-09	1.66E+00	4.51E-02	1.19E-03	1.02E-03	2.30E-03	7.91E-02	2.57E+00	3.42E+00	2.17E-09	6.09E-09	6.51E-04	5.29E-05	1.53E-01	4.29E-01	5.99E+00	8.07E-08	5.99E+00	6.57E+00	5.82E-01	0.00E+00	0.00E+00	0.00E+00	9.90E-02
VD104NE	1.22E-03	3.15E-01	-4.95E-02	3.64E-01	0.00E+00	0.00E+00	1.88E+00	1.60E-06	2.86E-04	2.92E-03	1.22E-03	2.24E-03	6.55E-09	1.76E-09	1.83E+00	6.06E-02	1.65E-03	1.42E-03	3.11E-03	1.11E-01	3.22E+00	4.55E+00	3.02E-09	8.16E-09	8.84E-04	7.32E-05	1.28E-01	7.20E-01	7.77E+00	9.80E-08	7.77E+00	8.62E+00	8.47E-01	0.00E+00	0.00E+00	0.00E+00	1.33E-01
VD104NT	1.24E-03	3.21E-01	-4.95E-02	3.71E-01	0.00E+00	0.00E+00	2.34E+01	1.86E-06	2.91E-04	2.98E-03	1.23E-03	2.32E-03	6.68E-09	1.93E-09	1.83E+00	6.07E-02	1.66E-03	1.43E-03	3.11E-03	1.11E-01	3.31E+00	4.58E+00	3.15E-09	8.29E-09	8.98E-04	7.32E-05	1.34E-01	7.20E-01	7.89E+00	9.99E-08	7.89E+00	8.74E+00	8.54E-01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
VD106NE	4.64E-03	9.99E-01	-8.14E-02	1.08E+00	0.00E+00	0.00E+00	4.18E+00	3.60E-06	7.50E-04	7.96E-03	2.89E-03	5.55E-03	1.14E-08	5.52E-09	1.74E+00	1.45E-01	3.92E-03	1.66E-02	9.45E-03	2.73E-01	2.49E+01	1.02E+01	6.07E-09	2.39E-08	2.48E-03	1.82E-04	1.04E+00	1.27E+00	3.50E+01	3.27E-06	3.50E+01	3.74E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-01
VD106NP	5.37E-03	1.31E+00	-7.07E-02	1.36E+00	3.15E-06	0.00E+00	4.32E+00	4.53E-05	9.52E-04	9.95E-03	3.27E-03	1.18E+00	6.22E-08	2.37E-08	3.55E+00	2.34E-01	4.35E-03	1.81E-02	9.14E-03	3.22E-01	2.74E+01	1.06E+01	3.83E-08	3.91E-08	3.14E-03	2.12E-04	1.26E+00	1.30E+00	3.79E+01	6.93E-04	3.87E+01	3.88E+01	2.25E+00	0.00E+00	0.00E+00	8.54E-02	3.80E-01
VD106PD	5.07E-03	1.32E+00	-5.62E-02	1.37E+00	6.51E-05	0.00E+00	4.54E+00	4.59E-05	9.60E-04	9.96E-03	3.20E-03	1.20E+00	7.15E-08	2.52E-08	3.60E+00	3.33E-01	4.27E-03	1.80E-02	8.88E-03	3.31E-01	2.79E+01	1.03E+01	4.06E-08	3.89E-08	3.12E-03	2.13E-04	1.69E+00	1.19E+00	3.78E+01	7.35E-04	3.88E+01	3.98E+01	2.10E+00	0.00E+00	0.00E+00	8.74E-02	3.74E-01
VD106TD	5.06E-03	1.31E+00	-5.62E-02	1.37E+00	6.52E-05	0.00E+00	4.50E+00	4.61E-05	9.56E-04	9.91E-03	3.20E-03	1.20E+00	7.13E-08	2.52E-08	3.60E+00	3.34E-01	4.27E-03	1.81E-02	8.87E-03	3.28E-01	2.79E+01	1.03E+01	4.06E-08	3.89E-08	3.10E-03	2.13E-04	1.69E+00	1.18E+00	3.77E+01	7.35E-04	3.87E+01	3.99E+01	2.10E+00	0.00E+00	0.00E+00	8.74E-02	3.73E-01
VD106TF	4.86E-03	1.30E+00	-6.42E-02	1.34E+00	6.53E-05	0.00E+00	4.36E+00	4.23E-05	9.41E-04	9.91E-03	2.94E-03	1.18E+00	7.52E-08	2.41E-08	3.56E+00	3.12E-01	3.92E-03	1.72E-02	9.03E-03	3.07E-01	2.71E+01	1.05E+01	4.30E-08	3.87E-08	3.07E-03	1.85E-04	1.53E+00	1.02E+00	3.66E+01	7.29E-04	3.79E+01	3.77E+01	2.18E+00	0.00E+00	0.00E+00	8.49E-02	3.82E-01
VD108NE	5.52E-03	1.19E+00	-9.52E-02	1.28E+00	0.00E+00	0.00E+00	4.93E+00	4.17E-06	8.89E-04	9.41E-03	3.43E-03	6.18E-03	1.34E-08	6.57E-09	1.77E+00	1.70E-01	4.64E-03	2.09E-02	1.12E-02	3.21E-01	3.07E+01	1.20E+01	7.04E-09	2.80E-08	2.95E-03	2.14E-04	1.08E+00	1.49E+00	4.27E+01	4.18E-06	4.27E+01	4.52E+01	2.56E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-01
VD108NP	6.82E-03	1.44E+00	-7.11E-02	1.53E+00	6.45E-06	0.00E+00	5.82E+00	9.67E-05	1.11E-03	1.13E-02	3.64E-03	1.35E+00	1.70E-07	3.41E-08	4.73E+00	4.40E-01	4.85E-03	3.07E-02	1.26E-02	4.36E-01	3.28E+01	1.27E+01	4.31E-08	4.73E-08	3.62E-03	2.66E-04	1.52E+00	1.40E+00	4.61E+01	3.60E-04	4.57E+01	4.80E+01	3.11E+00	0.00E+00	0.00E+00	9.22E-02	5.36E-01
VD108PD	7.61E-03	1.46E+00	-8.67E-02	1.54E+00	7.33E-05	0.00E+00	7.01E+00	9.60E-05	1.13E-03	1.16E-02	3.94E-03	1.35E+00	1.93E-07	3.59E-08	4.67E+00	5.47E-01	5.28E-03	3.09E-02	1.60E-02	5.12E-01	3.32E+01	1.31E+01	4.63E-08	4.97E-08	3.70E-03	3.17E-04	1.84E+00	1.54E+00	4.64E+01	3.95E-04	4.59E+01	4.94E+01	3.51E+00	0.00E+00	0.00E+00	9.26E-02	6.82E-01
VD108PP	8.86E-03	1.54E+00	-8.68E-02	1.62E+00	7.34E-05	0.00E+00	7.96E+00	9.74E-05	1.17E-03	1.20E-02	4.13E-03	1.36E+00	1.98E-07	3.68E-08	4.82E+00	5.72E-01	5.54E-03	3.22E-02	1.60E-02	5.18E-01	3.40E+01	1.32E+01	4.61E-08	4.95E-08	3.89E-03	3.21E-04	1.90E+00	1.64E+00	4.74E+01	3.58E-04	4.74E+01	5.14E+01	3.54E+00	0.00E+00	0.00E+00	9.42E-02	6.83E-01
VD108TD	7.53E-03	1.47E+00	-6.89E-02	1.57E+00	8.30E-05	0.00E+00	6.92E+00	9.64E-05	1.13E-03	1.16E-02	3.89E-03	1.37E+00	1.86E-07	3.75E-08	4.71E+00	5.38E-01	5.20E-03	3.09E-02	1.55E-02	5.27E-01	3.32E+01	1.30E+01	4.59E-08	4.95E-08	3.69E-03	3.21E-04	1.81E+00	1.44E+00	4.59E+01	3.62E-04	4.57E+01	4.91E+01	3.38E+00	0.00E+00	0.00E+00	9.26E-02	6.62E-01
VD108TF	7.50E-03	1.40E+00	-8.93E-02	1.52E+00	8.45E-05	0.00E+00	6.81E+00	4.59E-05	1.07E-03	1.12E-02	3.94E-03	1.22E+00	8.81E-08	2.94E-08	4.20E+00	3.52E-01	5.28E-03	2.65E-02	1.60E-02	5.14E-01	3.26E+01	1.30E+01	4.85E-08	4.83E-08	3.61E-03	3.16E-04	1.75E+00	1.57E+00	4.52E+01	2.63E-04	4.51E+01	4.83E+01	3.44E+00	0.00E+00	0.00E+00	8.30E-02	6.86E-01
VD108TP	9.81E-03	1.74E+00	-8.32E-02	1.82E+00	8.40E-05	0.00E+00	9.19E+00	1.07E-04	1.27E-03	1.37E-02	4.34E-03	1.43E+00	2.26E-07	4.41E-08	5.18E+00	6.25E-01	5.87E-03	3.72E-02	1.79E-02	5.93E-01	4.13E+01	1.45E+01	2.78E-08	5.44E-08	4.35E-03	3.46E-04	2.19E+00	1.58E+00	5.58E+01	2.65E-05	5.58E+01	5.95E+01	3.77E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-01
VD110NE	6.27E-03	1.35E+00	-1.07E-01	1.45E+00	0.00E+00	0.00E+00	5.53E+00	4.61E-06	1.00E-03	1.06E-02	3.85E-03	6.75E-03	1.50E-08	7.45E-09	1.80E+00	1.88E-01	5.21E-03	2.49E-02	1.27E-02	3.58E-01	3.63E+01	1.33E+01	7.80E-09	3.14E-08	3.35E-03	2.39E-04	1.12E+00	1.67E+00	4.96E+01	5.07E-06	4.96E+01	5.23E+01	2.79E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-01
VD110NP	7.80E-03	1.46E+00	-7.22E-02	1.57E+00	7.12E-06	0.00E+00	6.74E+00	9.79E-05	1.13E-03	1.15E-02	3.90E-03	1.36E+00	1.72E-07	3.58E-08	4.77E+00	4.40E-01	5.23E-03	3.28E-02	1.65E-02	5.20E-01	3.30E+01	1.37E+01	4.91E-08	4.89E-08	3.72E-03	3.16E-04	1.56E+00	1.47E+00	4.60E+01	3.84E-04	4.60E+01	4.83E+01	3.16E+00	0.00E+00	0.00E+00	9.31E-02	7.07E-01
VD110PD	1.00E-02	1.73E+00	-8.94E-02	1.87E+00	8.39E-05	0.00E+00	8.01E+00	9.61E-05	1.46E-03	1.48E-02	4.21E-03	1.38E+00	1.94E-07	3.79E-08	4.72E+00	5.61E-01	5.68E-03	3.38E-02	1.76E-02	5.11E-01	4.63E+01	1.35E+01	5.30E-08	5.13E-08	4.89E-03	3.21E-04	1.93E+00	1.61E+00	5.50E+01	5.21E-04	5.88E+01	7.74E+01	3.71E+00	0.00E+00	0.00E+00	9.35E-02	7.59E-01
VD110PP	9.99E-03	1.74E+00	-9.36E-02	1.88E+00	8.44E-05	0.00E+00	8.25E+00	9.76E-05	1.47E-03	1.48E-02	4.35E-03	1.38E+00	2.00E-07	3.89E-08	4.85E+00	5.75E-01	5.88E-03	3.52E-02	1.77E-02	5.15E-01	4.78E+01	1.37E+01	5.28E-08	5.07E-08	4.92E-03	3.25E-04	1.99E+00	1.71E+00	5.61E+01	5.63E-04	5.99E+01	7.93E+01	3.74E+00	0.00E+00	0.00E+00	9.52E-02	7.61E-01
VD110PT	3.13E-02	2.66E+00	-7.73E-02	2.73E+00	7.49E-05	0.00E+00	5.92E+01	7.99E-06	2.00E-03	2.17E-02	5.94E-03	1.90E+01	2.57E-06	3.36E-07	4.05E+01	4.08E-01	8.04E-03	8.25E-02	4.93E-02	1.23E+00	6.78E+01	1.53E+01	1.87E-07	2.46E-07	8.28E-03	4.84E-04	3.75E+00	1.89E+00	8.31E+01	2.62E-04	8.31E+01	8.88E+01	5.65E+00	0.00E+00	0.00E+00	0.00E+00	2.12E+00
VD110TD	1.01E-02	1.72E+00	-7.03E-02	1.87E+00	9.34E-05	0.00E+00	7.99E+00	9.65E-05	1.46E-03	1.48E-02	4.18E-03	1.39E+00	1.87E-07	3.80E-08	4.77E+00	5.96E-01	5.65E-03	3.39E-02	1.79E-02	5.36E-01	4.65E+01	1.29E+01	5.24E-08	5.07E-08	4.85E-03	3.26E-04	1.96E+00	1.51E+00	5.50E+01	5.24E-04	5.89E+01	7.71E+01	3.60E+00	0.00E+00	0.00E+00	9.45E-02	7.73E-01
VD110TF	9.93E-03	1.70E+00	-1.08E-01	1.89E+00	9.65E-05	0.00E+00	8.02E+00	4.67E-05	1.50E-03	1.51E-02	4.71E-03	1.39E+00	9.72E-08	3.23E-08	4.75E+00	5.31E-01	6.37E-03	3.19E-02	1.91E-02	5.23E-01	4.74E+01	1.32E+01	7.31E-08	5.47E-08	4.89E-03	3.29E-04	1.94E+00	1.80E+00	5.48E+01	4.23E-04	5.89E+01	7.77E+01	3.88E+00	0.00E+00	0.00E+00	8.49E-02	8.43E-01
VD110TP	1.06E-02	1.93E+00	-9.37E-02	2.02E+00	9.60E-05	0.00E+00	1.01E+01	1.08E-04	1.41E-03	1.51E-02	4.82E-03	1.43E+00	2.28E-07	4.52E-08	5.23E+00	6.77E-01	6.52E-03	4.13E-02	1.95E-02	6.55E-01	4.75E+01	1.60E+01	2.93E-08	5.84E-08	4.80E-03	3.84E-04	2.34E+00	1.77E+00	6.35E+01	2.74E-05	6.35E+01	6.76E+01	4.10E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-01
VD110TT	3.35E-02	2.69E+00	-7.61E-02	2.77E+00	8.74E-05	0.00E+00	5.95E+01	8.20E-06	2.02E-03	2.19E-02	6.01E-03	1.90E+01	2.57E-06	3.36E-07	4.05E+01	4.43E-01	8.14E-03	8.26E-02	4.95E-02	1.25E+00	6.84E+01	1.56E+01	1.88E-07	2.46E-07	8.34E-03	4.97E-04	3.80E+00	1.90E+00	8.40E+01	2.62E-04	8.40E+01	8.97E+01	5.70E+00	0.00E+00	0.00E+00	0.00E+00	2.12E+00
VD112NE	9.55E-03	1.90E+00	-1.53E-01	2.05E+00	0.00E+00	0.00E+00	8.55E+00	7.85E-06	1.44E-03	1.53E-02	5.42E-03	4.96E+00	2.17E-08	1.79E-08	1.89E+00	2.73E-01	7.34E-03	2.99E-02	1.89E-02	6.67E-01	2.39E+01	1.94E+01	1.58E-07	1.56E-07	4.89E-03	4.16E-04	1.15E+00	2.40E+00	4.32E+01	6.88E-05	4.32E+01	4.68E+01	3.54E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-01
VD112NP	1.02E-02	2.05E+00	-9.40E-02	2.19E+00	4.78E-06	0.00E+00	3.48E+01	1.01E-04	1.65E-03	1.74E-02	6.53E-03	3.27E+00	1.87E-07	3.97E-08	5.25E+00	4.58E-01	8.80E-03	3.51E-02	2.08E-02	7.80E-01	3.64E+01	1.77E+01	1.52E-07	1.29E-07	5.76E-03	4.19E-04	1.69E+00	1.83E+00	5.50E+01	3.17E-04	5.25E+01	5.50E+01	4.35E+00	0.00E+00	0.00E+00	1.22E-01	8.95E-01
VD112PD	1.01E-02	2.05E+00	-1.21E-01	2.20E+00	1.04E-04	0.00E+00	3.87E+01	1.01E-04	1.65E-03	1.74E-02	6.51E-03	3.24E+00	2.00E-07	4.65E-08	6.25E+00	6.57E-01	8.79E-03	3.60E-02	2.03E-02	8.24E-01	3.76E+01	1.72E+01	1.55E-07	1.29E-07	5.75E-03	4.33E-04	2.17E+00	1.88E+00	5.62E+01	4.67E-04	5.30E+01	5.61E+01	4.70E+00	0.00E+00	0.00E+00	1.22E-01	8.75E-01
VD112PP	1.01E-02	2.05E+00	-1.21E-01	2.20E+00	1.04E-04	0.00E+00	3.87E+01	1.01E-04	1.65E-03	1.74E-02	6.51E-03	3.24E+00	2.00E-07	4.65E-08	6.25E+00	6.57E-01	8.79E-03	3.60E-02	2.03E-02	8.24E-01	3.76E+01	1.72E+01	1.55E-07	1.29E-07	5.75E-03	4.33E-04	2.17E+00	1.88E+00	5.62E+01	4.67E-04	5.30E+01	5.61E+01	4.70E+00	0.00E+00	0.00E+00	1.22E-01	8.75E-01
VD112TD	1.01E-02	1.99E+00	-1.62E-01	2.18E+00	1.24E-04	0.00E+00	3.85E+01	1.04E-04	1.63E-03	1.71E-02	6.55E-03	3.21E+00	2.13E-07	4.81E-08	6.20E+00	7.44E-01	8.83E-03	3.76E-02	2.02E-02	7.94E-01	3.81E+01	1.71E+01	1.64E-07	1.33E-07	5.34E-03	4.68E-04	2.06E+00	2.80E+00	5.67E+01	4.32E-04	5.30E+01	5.69E+01	4.64E+00	0.00E+00	0.00E+00	1.22E-01	8.68E-01
VD112TF	1.02E-02	2.04E+00	-9.13E-02	2.19E+00	1.17E-04	0.00E+00	3.88E+01	9.80E-05	1.65E-03	1.74E-02	6.51E-03	3.24E+00	1.99E-07	4.36E-08	6.15E+00	7.12E-01	8.79E-03	3.51E-02	2.03E-02	8.34E-01	3.76E+01	1.72E+01	1.57E-07	1.29E-07	5.72E-03	4.68E-04	2.09E+00	1.78E+00	5.54E+01	4.67E-04	5.27E+01	5.63E+01	4.65E+00	0.00E+00	0.00E+00	1.19E-01	8.72E-01
VD112TP	1.41E-02	2.56E+00	-1.36E-01	2.70E+00	1.25E-04	0.00E+00	1.40E+01	1.11E-04	1.90E-03	2.03E-02	6.58E-03	6.39E+00	2.35E-07	5.62E-08	5.35E+00	8.43E-01	8.90E-03	4.61E-02	2.58E-02	1.02E+00	3.64E+01	2.28E+01	1.81E-07	1.84E-07	6.50E-03	5.92E-04	2.45E+00	2.51E+00	5.92E+01	9.11E-05	5.92E+01	6.42E+01	4.97E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
VD118NE	1.12E-02	2.41E+00	-1.97E-01	2.60E+00	0.00E+00	0.00E+00	1.02E+01	8.22E-06	1.81E-03	1.90E-02	7.09E-03	1.02E-02	2.78E-08	1.32E-08	1.97E+00	3.48E-01	9.60E-03	4.44E-02	2.29E-02	6.52E-01	6.31E+01	2.48E+01	1.38E-08	5.44E-08	6.04E-03	4.39E-04	1.12E+00	3.09E+00	8.79E+01	9.09E-06	8.79E+01	9.21E+01	4.21E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-01
VD118NP	1.15E-02	2.58E+00	-1.75E-01	2.77E+00	4.82E-06	0.00E+00	2.93E+01	5.57E-05	2.16E-03	2.20E-02	7.57E-03	1.69E+00	5.35E-07	3.73E-08	1.03E+01	3.77E-01	1.02E-02	5.13E-02	2.57E-02	8.60E-01	5.88E+01	2.58E+01	9.63E-08	9.35E-08	6.92E-03	5.25E-04	1.59E+00	2.94E+00	7.76E+01	1.21E-04	7.88E+01	8.77E+01	4.66E+00	0.00E+00	0.00E+00	1.35E-01	1.10E+00
VD118PD	1.16E-02	2.82E+00	-2.11E-01	3.10E+00	1.66E-04	0.00E+00	1.53E+01	5.95E-05	2.29E-03	2.37E-02	8.75E-03	2.11E+00	5.36E-07	4.35E-08	9.76E+00	9.09E-01	1.18E-02	4.88E-02	2.52E-02	1.09E+00	6.17E+01	2.54E+01	1.51E-07	1.42E-07	7.51E-03	6.19E-04	2.28E+00	3.74E+00	8.79E+01	2.69E-04	8.61E+01	9.94E+01	5.42E+00	0.00E+00	0.00E+00	1.26E-01	1.08E+00
VD118PP	1.90E-02	3.49E+00	-1.53E-01	3.64E+00	1.49E-04	0.00E+00	1.99E+01	1.20E-04	2.61E-03	2.77E-02	8.85E-03	5.52E+00	8.54E-07	1.30E-07	1.47E+01	9.95E-01	1.20E-02	6.28E-02	4.05E-02	1.29E+00	8.04E+01	2.87E+01	6.96E-08	1.25E-07	9.02E-03	7.02E-04	2.94E+00	3.26E+00	1.09E+02	8.68E-05	1.09E+02	1.15E+02	6.20E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
VD118TD	1.74E-02	3.24E+00	-1.59E-01	3.49E+00	1.71E-04	0.00E+00	1.53E+01	6.64E-05	2.48E-03	2.66E-02	9.01E-03	4.80E+00	5.34E-07	6.58E-08	1.00E+01	9.72E-01	1.22E-02	5.01E-02	2.88E-02	1.11E+00	6.61E+01	2.75E+01	1.51E-07	1.38E-07	8.64E-03	6.36E-04	2.29E+00	3.26E+00	9.46E+01	3.87E-04	9.34E+01	1.05E+02	5.45E+00	0.00E+00	0.00E+00	1.15E-01	1.24E+00
VD118TF	1.78E-02	3.25E+00	-1.63E-01	3.46E+00	1.70E-04	0.00E+00	1.39E+02	1.02E-04	2.45E-03	2.64E-02	9.00E-03	4.30E+00	2.21E-07	8.24E-08	7.80E+00	1.04E+00	1.22E-02	5.58E-02	3.33E-02	1.08E+00	6.55E+01	2.73E+01	1.15E-07	1.49E-07	8.60E-03	6.30E-04	2.07E+00	3.30E+00	9.48E+01	4.85E-04	9.30E+01	1.05E+02	5.56E+00	0.00E+00	0.00E+00	1.30E-01	1.44E+00
VD118TP	1.92E-02	3.57E+00	-1.50E-01	3.72E+00	1.77E-04	0.00E+00	2.07E+01	1.21E-04	2.65E-03	2.82E-02	9.03E-03	5.52E+00	8.55E-07	1.31E-07	1.47E+01	1.07E+00	1.22E-02	6.30E-02	4.09E-02	1.34E+00	8.17E+01	2.94E+01	7.11E-08	1.26E-07	9.17E-03	7.32E-04	3.05E+00	3.28E+00	1.11E+02	8.69E-05	1.11E+02	1.17E+02	6.33E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
VD212NE	1.29E-02	3.15E+00	-1.97E-01	3.35E+00	0.00E+00	0.00E+00	1.31E+01	1.21E-05	2.30E-03	2.44E-02	8.42E-03	9.92E+00	2.90E-08	3.28E-08	2.06E+00	4.20E-01	1.14E-02	5.71E-02	3.16E-02	1.10E+00	4.05E+01	2.97E+01	3.10E-07	2.93E-07	7.96E-03	6.83E-04	1.38E+00	3.23E+00	7.02E+01	1.37E-04	7.02E+01	7.48E+01	4.61E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
VD212PD	1.87E-02	3.47E+00	-8.97E-02	3.78E+00	1.28E-05	0.00E+00	2.09E+02	1.28E-04	2.72E-03	2.85E-02	1.08E-02	1.01E+01	2.56E-07	8.76E-08	6.46E+00	6.42E-01	1.47E-02	6.02E-02	3.92E-02	1.26E+00	5.42E+01	3.14E+01	3.05E-07	3.01E-07	9.09E-03	6.52E-04	2.47E+00	2.05E+00	8.47E+01	1.75E-03	8.45E+01	9.07E+01	6.02E+00	0.00E+00	0.00E+00	1.97E-01	1.70E+00
VD212PDM	1.48E-02	3.53E+00	-1.47E-01	3.91E+00	3.81E-06	0.00E+00	4.46E+01	4.02E-05	2.75E-03	2.98E-02	9.52E-03	6.02E+00	1.85E-07	4.47E-08	2.79E+00	5.63E-01	1.29E-02	3.99E-02	2.90E-02	1.07E+00	4.55E+01	2.85E+01	1.20E-07	2.06E-07	9.46E-03	6.42E-04	1.81E+00	2.74E+00	8.07E+01	1.24E-03	8.32E+01	8.83E+01	5.04E+00	0.00E+00	0.00E+00	9.90E-02	1.25E+00
VD212PP	1.86E-02	4.15E+00	-1.81E-01	4.33E+00	1.61E-05	0.00E+00	1.80E+01	1.56E-04	3.03E-03	3.24E-02	1.05E-02	1.16E+01	2.76E-07	7.92E-08	6.03E+00	8.79E-01	1.43E-02	7.97E-02	4.44E-02	1.45E+00	5.24E+01	3.85E+01	3.35E-07	3.32E-07	1.05E-02	8.81E-04	2.53E+00	3.44E+00	9.09E+01	1.70E-04	9.09E+01	9.69E+01	5.97E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+00
VD212TD	1.89E-02	3.37E+00	-9.10E-02	3.56E+00	3.44E-04	0.00E+00	1.32E+02	1.22E-04	2.72E-03	2.80E-02	1.13E-02	8.97E+00	2.35E-07	9.74E-08	8.01E+00	1.53E+00	1.53E-02	6.15E-02	4.02E-02	1.50E+00	5.96E+01	3.39E+01	2.75E-07	2.51E-07	8.94E-03	1.05E-03	3.31E+00	2.21E+00	9.07E+01	1.18E-03	8.74E+01	9.45E+01	6.78E+00	0.00E+00	0.00E+00	1.92E-01	1.74E+00
VD212TF	1.88E-02	3.33E+00	-2.31E-01	3.50E+00	3.47E-04	0.00E+00	1.66E+02	1.16E-04	2.73E-03	2.79E-02	1.07E-02	9.19E+00	2.38E-07	9.66E-08	7.86E+00	1.55E+00	1.45E-02	5.94E-02	3.89E-02	1.46E+00	5.96E+01	3.36E+01	2.88E-07	2.45E-07	8.94E-03	1.06E-03	3.52E+00	4.45E+00	8.97E+01	1.85E-03	8.65E+01	9.39E+01	8.06E+00	0.00E+00	0.00E+00	1.69E-01	1.66E+00
VE103A	6.88E-03	1.51E+00	-7.22E-02	1.58E+00	5.73E-05	0.00E+00	2.98E+02	3.73E-05	1.15E-03	1.24E-02	3.56E-03	1.24E+00	1.09E-07	2.88E-08	7.77E+00	4.51E-01	4.79E-03	1.88E-02	1.10E-02	5.16E-01	1.09E+04	1.10E+01	6.02E-08	4.95E-08	3.95E-03	2.66E-04	2.47E+00	1.32E+00	1.09E+04	6.37E-03	1.09E+04	1.10E+04	3.65E+00	0.00E+00	0.00E+00	3.94E-04	4.80E-01
VE103D	7.65E-03	1.54E+00	-6.43E-02	1.60E+00	5.82E-05	0.00E+00	3.49E+02	4.04E-05	1.16E-03	1.26E-02	3.39E-03	1.35E+00	1.28E-07	3.49E-08	1.60E+01	4.81E-01	4.55E-03	1.95E-02	1.15E-02	5.22E-01	1.10E+04	1.08E+01	6.47E-08	5.34E-08	4.04E-03	2.66E-04	2.58E+00	1.20E+00	1.12E+04	1.52E-02	1.11E+04	1.12E+04	3.77E+00	0.00E+00	0.00E+00	8.11E-04	4.93E-01
VE103E	6.35E-03	1.38E+00	-6.22E-02	1.45E+00	5.73E-05	0.00E+00	3.71E+01	1.59E-05	1.05E-03	1.14E-02	3.32E-03	1.66E-01	2.15E-08	1.24E-08	6.26E+00	3.63E-01	4.46E-03	1.62E-02	9.53E-03	4.46E-01	1.09E+04	1.04E+01	4.88E-08	4.06E-08	3.50E-03	2.28E-04	2.04E+00	1.26E+00	1.09E+04	6.36E-03	1.09E+04	1.10E+04	2.50E+00	0.00E+00	0.00E+00	2.57E-05	4.18E-01
VE103F	5.36E-03	1.37E+00	-8.04E-02	1.45E+00	5.24E-05	0.00E+00	1.71E+02	2.51E-05	1.07E-03	1.16E-02	3.42E-03	5.83E-01	6.94E-08	1.93E-08	7.02E+00	5.96E-01	4.63E-03	1.56E-02	1.12E-02	4.83E-01	1.09E+04	1.05E+01	5.66E-08	4.03E-08	3.82E-03	2.66E-04	2.06E+00	1.35E+00	1.09E+04	9.48E-03	1.09E+04	1.09E+04	3.40E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-01
VE103G	6.32E-03	1.38E+00	-7.72E-02	1.45E+00	5.79E-05	0.00E+00	3.74E+01	1.60E-05	1.05E-03	1.14E-02	3.45E-03	1.56E-01	2.10E-08	1.24E-08	6.28E+00	3.70E-01	4.69E-03	1.65E-02	9.58E-03	4.48E-01	1.09E+04	1.08E+01	4.90E-08	4.01E-08	3.54E-03	2.33E-04	2.06E+00	1.40E+00	1.09E+04	6.36E-03	1.09E+04	1.10E+04	2.54E+00	0.00E+00	0.00E+00	2.57E-05	4.20E-01
VE103L	6.89E-03	1.50E+00	-6.43E-02	1.56E+00	5.73E-05	0.00E+00	2.05E+02	3.09E-05	1.13E-03	1.22E-02	3.32E-03	1.16E+00	5.54E-08	2.40E-08	7.40E+00	4.51E-01	4.45E-03	1.79E-02	1.09E-02	5.17E-01	1.09E+04	1.06E+01	5.76E-08	4.96E-08	3.88E-03	2.64E-04	2.34E+00	1.19E+00	1.09E+04	6.37E-03	1.09E+04	1.10E+04	3.62E+00	0.00E+00	0.00E+00	6.09E-05	4.74E-01
VE103M	7.26E-03	1.53E+00	-7.39E-02	1.59E+00	5.68E-05	0.00E+00	2.56E+02	3.16E-05	1.12E-03	1.21E-02	3.52E-03	9.46E-01	6.65E-08	2.26E-08	7.25E+00	4.85E-01	4.76E-03	1.82E-02	1.08E-02	5.16E-01	1.10E+04	1.07E+01	5.95E-08	5.04E-08	3.99E-03	2.67E-04	2.39E+00	1.37E+00	1.12E+04	1.21E-02	1.11E+04	1.11E+04	3.60E+00	0.00E+00	0.00E+00	4.08E-04	4.65E-01
VE103N	6.88E-03	1.51E+00	-6.43E-02	1.58E+00	5.73E-05	0.00E+00	2.98E+02	3.73E-05	1.15E-03	1.24E-02	3.32E-03	1.24E+00	1.09E-07	2.88E-08	7.77E+00	4.51E-01	4.45E-03	1.86E-02	1.09E-02	5.17E-01	1.09E+04	1.07E+01	6.02E-08	4.95E-08	3.95E-03	2.64E-04	2.47E+00	1.18E+00	1.09E+04	6.37E-03	1.09E+04	1.10E+04	3.63E+00	0.00E+00	0.00E+00	3.94E-04	4.74E-01

VE103PN	5.98E-03	1.57E+00	-5.21E-02	1.63E+00	3.68E-04	0.00E+00	1.36E+01	8.43E-06	1.07E-03	1.15E-02	3.46E-03	1.55E-01	1.24E-08	1.10E-08	6.38E+00	1.32E+00	4.69E-03	1.07E-02	8.37E-03	9.29E-01	1.09E+04	9.10E+00	4.11E-08	3.62E-08	3.45E-03	4.56E-04	3.21E+00	1.35E+00	1.09E+04	4.04E-06	1.09E+04	1.09E+04	4.56E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-01
VE103S	7.99E-03	1.56E+00	-8.07E-02	1.64E+00	5.25E-05	0.00E+00	2.91E+02	4.55E-05	1.21E-03	1.33E-02	3.59E-03	1.33E+00	1.37E-07	3.13E-08	8.20E+00	6.38E-01	4.86E-03	1.98E-02	1.27E-02	5.06E-01	1.09E+04	1.08E+01	6.97E-08	5.67E-08	4.32E-03	2.67E-04	3.02E+00	1.36E+00	1.09E+04	9.32E-03	1.09E+04	1.09E+04	4.38E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-01
VE103SN	6.05E-03	1.60E+00	-5.14E-02	1.65E+00	3.76E-04	0.00E+00	1.38E+01	8.56E-06	1.08E-03	1.16E-02	3.52E-03	1.55E-01	1.24E-08	1.12E-08	6.39E+00	1.34E+00	4.77E-03	1.08E-02	8.48E-03	9.46E-01	1.09E+04	9.28E+00	4.18E-08	3.66E-08	3.51E-03	4.65E-04	3.25E+00	1.36E+00	1.09E+04	4.04E-06	1.09E+04	1.09E+04	4.60E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-01
VE103U	7.44E-03	1.53E+00	-1.00E-01	1.60E+00	5.88E-05	0.00E+00	2.43E+02	2.03E-05	1.13E-03	1.21E-02	4.12E-03	4.58E+00	3.51E-07	8.09E-08	8.42E+00	4.52E-01	5.58E-03	2.29E-02	1.48E-02	6.13E-01	1.11E+04	1.33E+01	8.08E-08	4.66E-08	3.93E-03	3.39E-04	2.56E+00	1.68E+00	1.13E+04	6.37E-03	1.12E+04	1.11E+04	3.82E+00	0.00E+00	0.00E+00	5.29E-04	6.36E-01
VE106A	1.24E-02	2.42E+00	-1.17E-01	2.54E+00	9.18E-05	0.00E+00	4.64E+02	7.46E-05	1.87E-03	2.02E-02	5.74E-03	2.05E+00	2.36E-07	5.22E-08	9.18E+00	9.56E-01	7.77E-03	3.63E-02	2.02E-02	7.65E-01	1.42E+04	1.73E+01	1.04E-07	8.10E-08	6.74E-03	4.05E-04	2.99E+00	2.04E+00	1.42E+04	1.53E-02	1.42E+04	1.42E+04	5.04E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-01
VE106D	1.08E-02	2.19E+00	-8.13E-02	2.29E+00	8.98E-05	0.00E+00	4.70E+02	7.48E-05	1.76E-03	1.89E-02	5.67E-03	1.88E+00	2.29E-07	4.53E-08	8.42E+00	7.11E-01	7.72E-03	2.95E-02	1.89E-02	7.81E-01	1.33E+04	1.75E+01	9.44E-08	8.71E-08	6.42E-03	4.04E-04	2.92E+00	1.53E+00	1.31E+04	1.42E-02	1.33E+04	1.34E+04	4.99E+00	0.00E+00	0.00E+00	3.79E-03	8.15E-01
VE106E	8.44E-03	1.97E+00	-1.19E-01	2.09E+00	9.18E-05	0.00E+00	1.09E+01	7.58E-06	1.53E-03	1.64E-02	5.22E-03	3.59E-02	1.77E-08	1.40E-08	5.86E+00	8.22E-01	7.06E-03	1.92E-02	1.48E-02	6.69E-01	1.42E+04	1.67E+01	7.14E-08	4.50E-08	5.52E-03	3.73E-04	2.48E+00	1.99E+00	1.42E+04	1.53E-02	1.42E+04	1.42E+04	4.47E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-01
VE106F	8.56E-03	2.17E+00	-1.16E-01	2.28E+00	9.18E-05	0.00E+00	2.88E+02	6.14E-05	1.68E-03	1.81E-02	5.47E-03	9.26E-01	1.25E-07	3.42E-08	7.40E+00	9.34E-01	7.40E-03	2.81E-02	1.77E-02	7.65E-01	1.42E+04	1.71E+01	8.55E-08	6.01E-08	6.08E-03	4.23E-04	2.30E+00	2.02E+00	1.42E+04	1.53E-02	1.42E+04	1.42E+04	4.31E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-01
VE106G	9.07E-03	1.96E+00	-1.18E-01	1.99E+00	9.24E-05	0.00E+00	6.55E+01	1.28E-05	1.48E-03	1.59E-02	5.24E-03	1.96E-01	2.06E-08	1.70E-08	6.25E+00	8.18E-01	7.08E-03	2.27E-02	1.58E-02	6.47E-01	1.41E+04	1.48E+01	7.20E-08	4.71E-08	5.27E-03	3.59E-04	2.42E+00	1.86E+00	1.42E+04	1.65E-02	1.41E+04	1.41E+04	4.48E+00	0.00E+00	0.00E+00	5.04E-04	6.78E-01
VE106H	2.29E-02	3.20E+00	-4.85E-02	3.24E+00	6.23E-04	0.00E+00	3.03E+02	2.11E-04	2.24E-03	2.43E-02	6.85E-03	1.08E+01	1.54E-06	2.26E-07	2.91E+01	2.54E+00	9.28E-03	5.25E-02	3.52E-02	1.95E+00	1.42E+04	1.55E+01	1.46E-07	1.66E-07	8.22E-03	8.71E-04	5.18E+00	2.15E+00	1.42E+04	1.55E-04	1.42E+04	1.42E+04	7.34E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
VE106L	9.99E-03	2.26E+00	-8.13E-02	2.39E+00	8.97E-05	0.00E+00	3.31E+02	6.74E-05	1.73E-03	1.86E-02	5.36E-03	1.51E+00	1.50E-07	4.38E-08	7.93E+00	9.12E-01	7.27E-03	3.08E-02	1.82E-02	7.63E-01	1.39E+04	1.68E+01	9.06E-08	6.44E-08	6.21E-03	4.18E-04	2.66E+00	1.53E+00	1.39E+04	1.48E-02	1.39E+04	1.40E+04	4.60E+00	0.00E+00	0.00E+00	2.53E-03	7.87E-01
VE106M	9.79E-03	2.26E+00	-1.53E-01	2.38E+00	9.94E-05	0.00E+00	3.74E+02	6.99E-05	1.72E-03	1.87E-02	5.45E-03	1.28E+00	1.61E-07	4.65E-08	7.75E+00	9.18E-01	7.37E-03	3.23E-02	1.78E-02	7.49E-01	1.44E+04	1.72E+01	9.71E-08	6.42E-08	6.05E-03	4.18E-04	2.60E+00	2.59E+00	1.44E+04	1.48E-02	1.44E+04	1.43E+04	4.66E+00	0.00E+00	0.00E+00	3.25E-03	7.70E-01
VE106N	1.29E-02	2.64E+00	-8.83E-02	2.71E+00	1.05E-04	0.00E+00	9.62E+02	8.76E-05	1.88E-03	2.10E-02	5.68E-03	2.83E+00	3.34E-07	5.66E-08	1.89E+01	1.02E+00	7.73E-03	3.82E-02	2.29E-02	8.13E-01	1.33E+04	1.69E+01	3.29E-07	8.56E-08	6.92E-03	4.47E-04	2.56E+00	1.74E+00	1.40E+04	1.99E-02	1.38E+04	1.40E+04	4.46E+00	0.00E+00	0.00E+00	4.64E-02	9.94E-01
VE106PN	8.70E-03	2.48E+00	-6.64E-02	2.54E+00	6.22E-04	0.00E+00	2.24E+01	1.33E-05	1.64E-03	1.74E-02	5.69E-03	1.61E-01	1.86E-08	1.81E-08	6.10E+00	2.12E+00	7.70E-03	1.89E-02	1.33E-02	1.50E+00	1.42E+04	1.51E+01	6.26E-08	5.05E-08	5.38E-03	7.56E-04	3.86E+00	2.04E+00	1.42E+04	5.51E-06	1.42E+04	1.42E+04	5.89E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-01
VE106R	9.75E-03	2.26E+00	-1.23E-01	2.39E+00	9.92E-05	0.00E+00	3.43E+02	6.82E-05	1.72E-03	1.87E-02	5.43E-03	1.50E+00	1.57E-07	4.56E-08	7.98E+00	9.29E-01	7.35E-03	3.14E-02	1.76E-02	7.49E-01	1.44E+04	1.73E+01	9.15E-08	6.59E-08	6.19E-03	4.18E-04	2.52E+00	2.12E+00	1.44E+04	1.54E-02	1.44E+04	1.43E+04	4.52E+00	0.00E+00	0.00E+00	2.90E-03	7.61E-01
VE106S	1.26E-02	2.46E+00	-1.16E-01	2.58E+00	9.18E-05	0.00E+00	4.64E+02	7.47E-05	1.89E-03	2.06E-02	5.80E-03	2.05E+00	2.36E-07	5.28E-08	9.24E+00	9.55E-01	7.85E-03	3.64E-02	2.04E-02	7.73E-01	1.42E+04	1.76E+01	1.04E-07	8.26E-08	6.84E-03	4.09E-04	3.33E+00	2.05E+00	1.42E+04	1.50E-02	1.42E+04	1.42E+04	5.38E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-01
VE106SN	8.76E-03	2.50E+00	-6.59E-02	2.56E+00	6.29E-04	0.00E+00	2.26E+01	1.34E-05	1.65E-03	1.76E-02	5.74E-03	1.61E-01	1.86E-08	1.83E-08	6.10E+00	2.14E+00	7.77E-03	1.90E-02	1.34E-02	1.51E+00	1.42E+04	1.53E+01	6.31E-08	5.08E-08	5.42E-03	7.63E-04	3.88E+00	2.04E+00	1.42E+04	5.51E-06	1.42E+04	1.42E+04	5.92E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-01
VE106U	2.00E-02	2.82E+00	-1.06E-01	2.92E+00	9.18E-05	0.00E+00	5.68E+02	1.52E-05	2.15E-03	2.32E-02	6.35E-03	1.02E+01	1.17E-06	1.68E-07	2.32E+01	8.35E-01	8.59E-03	5.32E-02	3.34E-02	1.17E+00	1.42E+04	1.74E+01	2.05E-07	1.84E-07	8.36E-03	5.53E-04	3.28E+00	2.10E+00	1.42E+04	1.54E-02	1.42E+04	1.42E+04	5.39E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
VE106YN	9.99E-03	2.47E+00	-6.68E-02	2.59E+00	6.84E-04	0.00E+00	3.65E+02	6.68E-05	1.88E-03	1.98E-02	6.01E-03	1.07E+00	1.82E-07	3.98E-08	7.16E+00	2.26E+00	8.16E-03	3.40E-02	1.71E-02	1.74E+00	1.36E+04	1.66E+01	1.01E-07	5.66E-08	6.59E-03	1.03E-03	3.65E+00	1.56E+00	1.35E+04	8.21E-05	1.34E+04	1.36E+04	5.66E+00	0.00E+00	0.00E+00	2.14E-03	7.44E-01
VE110A	1.33E-02	3.15E+00	-1.34E-01	3.29E+00	1.51E-04	0.00E+00	7.23E+02	9.51E-05	2.43E-03	2.59E-02	7.80E-03	2.50E+00	3.01E-07	6.78E-08	1.07E+01	1.36E+00	1.06E-02	4.21E-02	2.67E-02	1.20E+00	1.91E+04	2.44E+01	1.39E-07	9.75E-08	8.88E-03	6.65E-04	1.55E+00	2.55E+00	1.91E+04	2.11E-02	1.91E+04	1.91E+04	4.11E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
VE110D	1.35E-02	3.20E+00	-8.61E-02	3.29E+00	1.47E-04	0.00E+00	6.91E+02	9.31E-05	2.45E-03	2.60E-02	8.05E-03	2.30E+00	3.33E-07	6.65E-08	1.72E+01	1.38E+00	1.09E-02	4.69E-02	2.63E-02	1.15E+00	1.90E+04	2.42E+01	1.96E-07	9.55E-08	8.86E-03	6.53E-04	2.02E+00	1.73E+00	1.92E+04	2.23E-02	1.90E+04	1.92E+04	4.65E+00	0.00E+00	0.00E+00	3.10E-03	1.13E+00
VE110E	1.14E-02	2.96E+00	-1.33E-01	3.07E+00	1.53E-04	0.00E+00	1.70E+02	2.06E-05	2.18E-03	2.35E-02	7.35E-03	4.68E-01	2.63E-08	3.80E-08	8.86E+00	1.19E+00	9.96E-03	3.73E-02	2.29E-02	1.05E+00	1.86E+04	2.23E+01	1.02E-07	6.93E-08	7.87E-03	5.70E-04	1.77E+00	2.18E+00	1.86E+04	2.00E-02	1.85E+04	1.87E+04	4.38E+00	0.00E+00	0.00E+00	1.86E-03	9.69E-01
VE110F	1.39E-02	2.96E+00	-1.36E-01	3.10E+00	1.51E-04	0.00E+00	4.83E+02	9.23E-05	2.29E-03	2.44E-02	7.56E-03	1.27E+00	1.81E-07	4.94E-08	8.95E+00	1.35E+00	1.02E-02	3.98E-02	2.44E-02	1.08E+00	1.91E+04	2.41E+01	1.17E-07	7.68E-08	8.34E-03	6.05E-04	1.42E+00	2.53E+00	1.91E+04	2.11E-02	1.91E+04	1.91E+04	3.95E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
VE110G	1.14E-02	2.82E+00	-1.33E-01	2.93E+00	1.53E-04	0.00E+00	1.72E+02	1.98E-05	2.08E-03	2.23E-02	7.18E-03	4.68E-01	2.64E-08	3.67E-08	8.86E+00	1.19E+00	9.74E-03	3.71E-02	2.28E-02	1.05E+00	1.87E+04	2.22E+01	1.01E-07	6.86E-08	7.53E-03	5.70E-04	1.74E+00	2.43E+00	1.86E+04	2.03E-02	1.86E+04	1.87E+04	4.31E+00	0.00E+00	0.00E+00	1.86E-03	9.68E-01
VE110H	4.80E-02	5.08E+00	-2.47E-02	5.11E+00	8.74E-04	0.00E+00	9.80E+02	1.93E-04	3.57E-03	3.86E-02	1.03E-02	2.80E+01	2.84E-06	5.21E-07	6.41E+01	3.40E+00	1.40E-02	1.06E-01	7.20E-02	3.07E+00	1.91E+04	2.25E+01	3.44E-07	3.67E-07	1.42E-02	1.39E-03	6.25E+00	2.80E+00	1.91E+04	3.71E-04	1.91E+04	1.92E+04	9.06E+00	0.00E+00	0.00E+00	0.00E+00	3.09E+00
VE110L	1.39E-02	3.16E+00	-1.33E-01	3.29E+00	1.51E-04	0.00E+00	4.84E+02	1.69E-04	2.46E-03	2.63E-02	7.76E-03	2.49E+00	3.37E-07	7.63E-08	1.13E+01	1.52E+00	1.05E-02	5.15E-02	2.81E-02	1.16E+00	1.91E+04	2.41E+01	1.34E-07	9.60E-08	9.01E-03	6.39E-04	1.57E+00	2.55E+00	1.91E+04	2.11E-02	1.91E+04	1.91E+04	4.12E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
VE110M	1.34E-02	3.17E+00	-8.69E-02	3.26E+00	1.47E-04	0.00E+00	6.07E+02	9.47E-05	2.43E-03	2.54E-02	7.85E-03	1.80E+00	2.88E-07	6.33E-08	1.03E+01	1.34E+00	1.06E-02	4.53E-02	2.55E-02	1.15E+00	1.88E+04	2.40E+01	1.29E-07	9.10E-08	8.70E-03	6.32E-04	1.88E+00	1.70E+00	1.89E+04	2.04E-02	1.89E+04	1.90E+04	4.60E+00	0.00E+00	0.00E+00	2.72E-03	1.10E+00
VE110N	1.36E-02	3.36E+00	-9.12E-02	3.37E+00	1.47E-04	0.00E+00	6.99E+02	9.39E-05	2.49E-03	2.64E-02	8.32E-03	2.62E+00	3.18E-07	7.06E-08	1.17E+01	1.35E+00	1.13E-02	5.09E-02	2.73E-02	1.16E+00	1.88E+04	2.41E+01	2.17E-07	1.22E-07	9.09E-03	6.57E-04	2.04E+00	1.86E+00	1.89E+04	2.05E-02	1.89E+04	1.90E+04	4.88E+00	0.00E+00	0.00E+00	2.77E-03	1.18E+00
VE110PN	1.10E-02	3.30E+00	-6.88E-02	3.36E+00	8.74E-04	0.00E+00	3.07E+01	1.76E-05	2.15E-03	2.26E-02	7.78E-03	1.63E-01	2.31E-08	2.51E-08	7.04E+00	2.95E+00	1.05E-02	2.69E-02	1.81E-02	2.04E+00	1.91E+04	2.12E+01	8.34E-08	6.14E-08	7.11E-03	1.05E-03	3.74E+00	2.55E+00	1.91E+04	6.93E-06	1.91E+04	1.91E+04	6.29E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-01
VE110PVH	1.05E-02	2.54E+00	-1.34E-01	2.67E+00	1.51E-04	0.00E+00	1.49E+01	9.57E-06	1.96E-03	2.08E-02	6.87E-03	4.09E-02	2.19E-08	1.74E-08	2.05E+00	1.18E+00	9.29E-03	2.67E-02	1.89E-02	9.31E-01	1.91E+04	2.23E+01	9.55E-08	5.27E-08	7.12E-03	5.25E-04	1.25E+00	2.44E+00	1.91E+04	2.10E-02	1.91E+04	1.91E+04	3.69E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-01
VE110S	1.35E-02	3.20E+00	-1.34E-01	3.33E+00	1.51E-04	0.00E+00	7.23E+02	9.51E-05	2.47E-03	2.63E-02	7.95E-03	2.50E+00	3.01E-07	6.90E-08	1.08E+01	1.35E+00	1.08E-02	4.22E-02	2.70E-02	1.20E+00	1.91E+04	2.50E+01	1.38E-07	9.89E-08	9.01E-03	6.66E-04	1.69E+00	2.57E+00	1.91E+04	2.07E-02	1.91E+04	1.91E+04	4.26E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
VE110SN	1.12E-02	3.36E+00	-6.71E-02	3.42E+00	8.93E-04	0.00E+00	3.13E+01	1.79E-05	2.19E-03	2.30E-02	7.92E-03	1.64E-01	2.32E-08	2.56E-08	7.05E+00	3.00E+00	1.07E-02	2.71E-02	1.83E-02	2.08E+00	1.91E+04	2.17E+01	8.50E-08	6.24E-08	7.24E-03	1.07E-03	3.81E+00	2.57E+00	1.91E+04	6.94E-06	1.91E+04	1.91E+04	6.38E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-01
VE110U	2.60E-02	3.77E+00	-1.25E-01	3.89E+00	1.51E-04	0.00E+00	9.55E+02	2.23E-05	2.86E-03	3.06E-02	8.74E-03	1.34E+01	1.52E-06	2.21E-07	2.91E+01	1.20E+00	1.18E-02	7.18E-02	4.42E-02	1.57E+00	1.91E+04	2.47E+01	2.73E-07	2.39E-07	1.12E-02	7.52E-04	2.42E+00	2.65E+00	1.91E+04	2.12E-02	1.91E+04	1.91E+04	5.07E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
VE110YN	1.29E-02	3.25E+00	-6.33E-02	3.34E+00	9.91E-04	0.00E+00	5.18E+02	9.20E-05	2.38E-03	2.51E-02	7.89E-03	1.48E+00	3.02E-07	5.20E-08	8.80E+00	3.32E+00	1.07E-02	3.91E-02	2.22E-02	2.69E+00	1.92E+04	2.30E+01	1.30E-07	7.98E-08	8.57E-03	1.50E-03	4.13E+00	1.63E+00	1.87E+04	9.65E-05	1.91E+04	1.93E+04	5.78E+00	0.00E+00	0.00E+00	2.12E-03	9.67E-01
VE112DK	2.71E-02	6.00E+00	-1.35E-01	6.25E+00	3.51E-04	0.00E+00	7.71E+02	3.30E-05	4.56E-03	4.88E-02	1.36E-02	5.60E+00	4.35E-08	1.18E-07	2.09E+01	2.04E+00	1.84E-02	6.01E-02	4.68E-02	2.34E+00	2.36E+04	4.85E+01	2.59E-07	1.64E-07	1.60E-02	1.25E-03	5.03E+00	3.23E+00	2.34E+04	4.35E-02	2.37E+04	2.39E+04	7.97E+00	0.00E+00	0.00E+00	3.62E-02	2.02E+00
VE112DN	3.52E-02	6.63E+00	-3.12E-01	6.95E+00	3.84E-04	0.00E+00	1.74E+03	4.30E-05	5.06E-03	5.45E-02	1.77E-02	9.78E+00	6.49E-08	2.02E-07	3.65E+01	2.43E+00	2.41E-02	7.67E-02	6.07E-02	2.76E+00	2.75E+04	5.72E+01	3.28E-07	2.40E-07	1.87E-02	1.60E-03	5.74E+00	6.13E+00	2.74E+04	5.07E-02	2.77E+04	2.76E+04	1.23E+01	0.00E+00	0.00E+00	2.46E-02	2.62E+00
VE112E	2.38E-02	4.97E+00	-2.42E-01	5.31E+00	3.45E-04	0.00E+00	1.25E+02	3.15E-05	3.83E-03	4.06E-02	1.39E-02	5.08E+00	4.65E-08	9.23E-08	1.63E+01	2.00E+00	1.89E-02	6.19E-02	4.39E-02	2.03E+00	2.39E+04	4.59E+01	2.23E-07	1.66E-07	1.37E-02	1.19E-03	4.21E+00	4.59E+00	2.42E+04	4.39E-02	2.43E+04	2.41E+04	8.41E+00	0.00E+00	0.00E+00	1.34E-02	1.90E+00
VE112F	2.91E-02	6.05E+00	-2.55E-01	6.31E+00	3.50E-04	0.00E+00	7.26E+02	2.98E-05	4.64E-03	4.96E-02	1.56E-02	3.07E+00	4.80E-08	9.85E-08	2.00E+01	2.18E+00	2.12E-02	4.69E-02	4.70E-02	2.22E+00	2.43E+04	5.08E+01	2.23E-07	1.53E-07	1.70E-02	1.21E-03	4.74E+00	4.90E+00	2.43E+04	4.48E-02	2.43E+04	2.44E+04	9.64E+00	0.00E+00	0.00E+00	3.65E-02	2.02E+00
VE112G	2.36E-02	4.97E+00	-2.47E-01	5.31E+00	3.45E-04	0.00E+00	1.25E+02	3.06E-05	3.83E-03	4.05E-02	1.39E-02	5.03E+00	4.93E-08	8.96E-08	1.62E+01	2.00E+00	1.89E-02	6.20E-02	4.39E-02	2.03E+00	2.39E+04	4.59E+01	2.23E-07	1.66E-07	1.37E-02	1.19E-03	4.21E+00	4.70E+00	2.42E+04	4.39E-02	2.43E+04	2.41E+04	8.67E+00	0.00E+00	0.00E+00	1.18E-02	1.90E+00
VE112H	6.88E-02	9.13E+00	-3.24E-02	9.16E+00	1.91E-03	0.00E+00	1.77E+02	5.74E-04	6.34E-03	6.86E-02	1.93E-02	3.28E+01	3.22E-06	6.85E-07	8.76E+01	7.29E+00	2.61E-02	1.26E-01	1.05E-01	5.80E+00	2.44E+04	4.84E+01	4.24E-07	4.69E-07	2.38E-02	2.80E-03	1.41E+01	5.14E+00	2.44E+04	1.02E-03	2.44E+04	2.44E+04	1.93E+01	0.00E+00	0.00E+00	0.00E+00	4.49E+00
VE112L	2.43E-02	6.01E+00	-2.41E-01	6.25E+00	3.48E-04	0.00E+00	3.48E+01	1.39E-04	4.62E-03	4.95E-02	1.52E-02	3.19E+00	4.75E-07	1.05E-07	1.57E+01	2.42E+00	2.06E-02	7.03E-02	4.89E-02	2.24E+00	2.43E+04	5.05E+01	2.34E-07	1.60E-07	1.70E-02	1.23E-03	4.93E+00	4.78E+00	2.43E+04	4.48E-02	2.43E+04	2.44E+04	9.71E+00	0.00E+00	0.00E+00	0.00E+00	2.10E+00
VE112M	3.02E-02	6.80E+00	-2.97E-01	7.03E+00	3.52E-04	0.00E+00	1.52E+03	4.03E-05	4.85E-03	5.22E-02	1.57E-02	7.98E+00	5.69E-08	1.41E-07	2.89E+01	2.24E+00	2.12E-02	5.60E-02	4.85E-02	2.54E+00	2.45E+04	5.53E+01	3.04E-07	1.92E-07	1.74E-02	1.47E-03	5.14E+00	5.67E+00	2.47E+04	4.66E-02	2.46E+04	2.48E+04	1.03E+01	0.00E+00	0.00E+00	2.46E-02	2.07E+00
VE112N	2.59E-02	6.09E+00	-8.68E-02	6.32E+00	3.51E-04	0.00E+00	9.43E+01	1.28E-04	4.60E-03	4.94E-02	1.53E-02	4.72E+00	5.41E-07	9.97E-08	1.75E+01	2.22E+00	2.06E-02	7.33E-02	4.69E-02	2.35E+00	2.36E+04	4.99E+01	2.58E-07	1.67E-07	1.66E-02	1.26E-03	5.10E+00	2.06E+00	2.34E+04	4.36E-02	2.37E+04	2.39E+04	8.08E+00	0.00E+00	0.00E+00	2.94E-02	2.02E+00
VE112PN	2.32E-02	6.94E+00	-9.56E-02	7.03E+00	1.87E-03	0.00E+00	6.45E+01	3.76E-05	4.47E-03	4.75E-02	1.58E-02	1.91E-01	4.36E-08	5.10E-08	1.43E+01	5.89E+00	2.13E-02	4.22E-02	3.58E-02	4.43E+00	2.43E+04	4.51E+01	1.60E-07	1.31E-07	1.47E-02	2.27E-03	1.05E+01	4.78E+00	2.44E+04	9.34E-06	2.44E+04	2.44E+04	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.54E+00
VE112PVH	2.09E-02	5.09E+00	-2.45E-01	5.34E+00	2.82E-04	0.00E+00	2.94E+01	1.92E-05	3.92E-03	4.17E-02	1.37E-02	8.85E-02	4.06E-08	3.40E-08	5.24E+00	1.98E+00	1.85E-02	4.06E-02	3.65E-02	1.84E+00	2.43E+04	4.62E+01	1.90E-07	1.08E-07	1.43E-02	1.04E-03	3.93E+00	4.56E+00	2.43E+04	4.48E-02	2.43E+04	2.43E+04	8.49E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
VE112S	3.48E-02	6.89E+00	-2.41E-01	7.13E+00	3.50E-04	0.00E+00	1.68E+03	4.43E-05	5.30E-03	5.67E-02	1.67E-02	8.75E+00	5.61E-08	2.07E-07	3.43E+01	2.22E+00	2.25E-02	5.21E-02	6.09E-02	2.72E+00	2.43E+04	5.22E+01	2.69E-07	2.19E-07	1.96E-02	1.48E-03	4.93E+00	5.05E+00	2.44E+04	4.34E-02	2.44E+04	2.44E+04	9.98E+00	0.00E+00	0.00E+00	3.65E-02	2.62E+00
VE112SN	2.35E-02	7.06E+00	-9.25E-02	7.15E+00	1.91E-03	0.00E+00	6.56E+01	3.82E-05	4.54E-03	4.83E-02	1.60E-02	1.92E-01	4.38E-08	5.19E-08	1.44E+01	5.99E+00	2.17E-02	4.25E-02	3.63E-02	4.51E+00	2.43E+04	4.59E+01	1.63E-07	1.33E-07	1.50E-02	2.31E-03	1.06E+01	4.81E+00	2.44E+04	9.36E-06	2.44E+04	2.44E+04	1.54E+01	0.00E+00	0.00E+00	0.00E+00	1.56E+00
VE112U	3.61E-02	6.48E+00	-2.30E-01	6.71E+00	3.46E-04	0.00E+00	3.84E+01	2.24E-05	4.92E-03	5.27E-02	1.60E-02	1.44E+01	1.63E-06	2.45E-07	3.72E+01	2.18E+00	2.17E-02	8.74E-02	6.48E-02	2.71E+00	2.43E+04	5.04E+01	3.86E-07	3.09E-07	1.89E-02	1.39E-03	5.77E+00	4.81E+00	2.44E+04	4.50E-02	2.44E+04	2.44E+04	1.06E+01	0.00E+00	0.00E+00	0.00E+00	2.78E+00
VE118AK	5.03E-02	9.12E+00	-3.38E-01	9.46E+00	5.05E-04	0.00E+00	1.96E+03	5.47E-05	7.00E-03	7.48E-02	2.24E-02	9.33E+00	7.34E-08	2.36E-07	3.56E+01	2.97E+00	3.03E-02	7.30E-02	7.63E-02	3.21E+00	2.98E+04	7.12E+01	3.41E-07	2.65E-07	2.57E-02	1.71E-03	6.27E+00	6.79E+00	2.99E+04	6.11E-02	2.99E+04	2.99E+04	1.31E+01	0.00E+00	0.00E+00	3.65E-02	3.27E+00
VE118H	9.59E-02	1.21E+01	-4.24E-02	1.21E+01	2.58E-03	0.00E+00	2.10E+02	4.57E-04	8.31E-03	8.97E-02	2.59E-02	5.02E+01	3.50E-06	9.75E-07	1.23E+02	9.19E+00	3.50E-02	1.87E-01	1.44E-01	7.57E+00	2.99E+04	6.47E+01	6.25E-07	6.83E-07	3.18E-02	3.73E-03	1.80E+01	6.94E+00	3.00E+04	1.46E-03	3.00E+04	3.00E+04	2.49E+01	0.00E+00	0.00E+00	0.00E+00	6.17E+00
VE118L	3.19E-02	8.15E+00	-3.04E-01	8.45E+00	5.03E-04	0.00E+00	4.88E+01	1.80E-04	6.25E-03	6.68E-02	2.09E-02	3.53E+00	5.68E-07	1.32E-07	1.85E+01	3.27E+00	2.82E-02	8.15E-02	6.66E-02	3.14E+00	2.98E+04	6.95E+01	3.05E-07	2.04E-07	2.28E-02	1.72E-03	6.23E+00	6.49E+00	2.99E+04	6.11E-02	2.99E+04	2.99E+04	1.27E+01	0.00E+00	0.00E+00	0.00E+00	2.86E+00
VE118PN	3.03E-02	9.28E+00	-1.28E-01	9.41E+00	2.54E-03	0.00E+00	8.73E+01	5.06E-05	5.95E-03	6.31E-02	2.13E-02	2.06E-01	5.88E-08	6.93E-08	1.64E+01	7.91E+00	2.88E-02	5.99E-02	4.80E-02	5.92E+00	2.99E+04	6.10E+01	2.12E-07	1.71E-07	1.96E-02	3.05E-03	1.36E+01	6.48E+00	2.99E+04	1.24E-05	2.99E+04	2.99E+04	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.06E+00
VE118S	4.68E-02	9.39E+00	-3.24E-01	9.71E+00	5.05E-04	0.00E+00	2.23E+03	5.86E-05	7.21E-03	7.71E-02	2.25E-02	1.15E+01	7.57E-08	2.74E-07	4.21E+01	2.99E+00	3.05E-02	7.55E-02	8.18E-02	3.61E+00	2.99E+04	7.04E+01	3.59E-07	2.92E-07	2.66E-02	1.94E-03	6.37E+00	6.82E+00	2.99E+04	5.94E-02	2.99E+04	2.99E+04	1.32E+01	0.00E+00	0.00E+00	3.65E-02	3.52E+00
VE118SN	3.07E-02	9.44E+00	-1.24E-01	9.56E+00	2.59E-03	0.00E+00	8.88E+01	5.13E-05	6.05E-03	6.42E-02	2.17E-02	2.07E-01	5.91E-08	7.04E-08	1.64E+01	8.04E+00	2.93E-02	6.03E-02	4.87E-02	6.01E+00	2.99E+04	6.20E+01	2.16E-07	1.74E-07	2.00E-02	3.10E-03	1.38E+01	6.52E+00	2.99E+04	1.24E-05	2.99E+04	2.99E+04	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.09E+00
VE118YN	4.00E-02	9.08E+00	-7.06E-02	9.25E+00	2.47E-03	0.00E+00	9.44E+01	1.62E-04	6.19E-03	6.59E-02	2.09E-02	7.52E-01	7.26E-07	1.00E-07	1.80E+01	7.57E+00	2.83E-02	8.99E-02	6.19E-02	5.71E+00	2.98E+04	5.77E+01	2.25E-07	1.87E-07	2.13E-02	2.86E-03	1.36E+01	2.29E+00	3.01E+04	8.09E-05	2.98E+04	2.97E+04	1.77E+01	0.00E+00	0.00E+00	3.76E-03	2.67E+00
VE212DN	4.53E-02	1.00E+01	-3.40E-01	1.03E+01	5.28E-04	0.00E+00	2.22E+03	6.89E-05	7.60E-03	8.11E-02	2.39E-02	8.81E+00	7.85E-08	2.31E-07	3.79E+01	3.22E+00	3.24E-02	8.97E-02	8.32E-02	4.25E+00	3.13E+04	7.54E+01	3.67E-07	2.86E-07	2.80E-02	2.37E-03	6.11E+00	7.23E+00	3.14E+04	6.46E-02	3.14E+04	3.14E+04	1.33E+01	0.00E+00	0.00E+00	3.65E-02	3.57E+00
VE212E	2.48E-02	7.54E+00	-3.36E-01	7.87E+00	4.74E-04	0.00E+00	4.36E+01	2.81E-05	5.69E-03	6.06E-02	1.99E-02	1.24E-01	5.62E-08	5.04E-08	1.67E+01	2.91E+00	2.69E-02	7.26E-02	5.65E-02	2.73E+00	3.12E+04	6.63E+01	2.70E-07	1.57E-07	2.08E-02	1.54E-03	5.38E+00	6.34E+00	3.13E+04	6.21E-02	3.13E+04	3.13E+04	1.17E+01	0.00E+00	0.00E+00	0.00E+00	2.43E+00
VE212H	1.29E-01	1.36E+01	1.42E-03	1.35E+01	2.62E-03	0.00E+00	2.26E+02	9.44E-04	9.68E-03	1.05E-01	2.84E-02	6.99E+01	4.59E-06	1.39E-06	1.72E+02	1.06E+01	3.84E-02	2.62E-01	1.90E-01	8.33E+00	3.14E+04	6.67E+01	7.47E-07	8.71E-07	3.81E-02	4.11E-03	1.90E+01	7.18E+00	3.15E+04	2.04E-03	3.15E+04	3.15E+04	2.62E+01	0.00E+00	0.00E+00	0.00E+00	8.14E+00
VE212L	3.30E-02	8.52E+00	-3.04E-01	8.82E+00	5.26E-04	0.00E+00	5.03E+01	1.81E-04	6.46E-03	6.90E-02	2.15E-02	3.54E+00	5.69E-07	1.34E-07	2.03E+01	3.38E+00	2.91E-02	9.58E-02	7.04E-02	3.25E+00	3.13E+04	7.06E+01	3.12E-07	2.10E-07	2.37E-02	1.79E-03	6.15E+00	6.56E+00	3.13E+04	6.22E-02	3.13E+04	3.13E+04	1.27E+01	0.00E+00	0.00E+00	0.00E+00	3.02E+00
VE212PN	3.17E-02	9.56E+00	-1.31E-01	9.68E+00	2.54E-03	0.00E+00	8.77E+01	5.09E-05	6.10E-03	6.48E-02	2.16E-02	3.47E-01	5.91E-08	7.13E-08	1.82E+01	7.94E+00	2.93E-02	7.29E-02	5.10E-02	5.95E+00	3.13E+04	6.09E+01	2.17E-07	1.80E-07	2.02E-02	3.07E-03	1.39E+01	6.52E+00	3.14E+04	1.74E-05	3.14E+04	3.14E+04	2.04E+01	0.00E+00	0.00E+00	0.00E+00	2.19E+00
VE212S	4.76E-02	9.65E+00	-3.24E-01	9.97E+00	5.28E-04	0.00E+00	2.23E+03	5.90E-05	7.35E-03	7.85E-02	2.30E-02	1.15E+01	7.61E-08	2.77E-07	4.38E+01	3.09E+00	3.11E-02	8.96E-02	8.50E-02	3.68E+00	3.13E+04	7.06E+01	3.61E-07	2.95E-07	2.71E-02	1.99E-03	5.88E+00	6.86E+00	3.14E+04	5.90E-02	3.14E+04	3.14E+04	1.27E+01	0.00E+00	0.00E+00	3.65E-02	3.65E+00
VE212SN	3.21E-02	9.71E+00	-1.26E-01	9.84E+00	2.59E-03	0.00E+00	8.92E+01	5.17E-05	6.20E-03	6.58E-02	2.20E-02	3.48E-01	5.94E-08	7.25E-08	1.83E+01	8.08E+00	2.98E-02	7.33E-02	5.16E-02	6.05E+00	3.13E+04	6.20E+01	2.21E-07	1.82E-07	2.06E-02	3.12E-03	1.41E+01	6.55E+00	3.14E+04	1.74E-05	3.14E+04	3.14E+04	2.07E+01	0.00E+00	0.00E+00	0.00E+00	2.22E+00
VE212U	4.52E-02	9.00E+00	-3.06E-01	9.30E+00	5.40E-04	0.00E+00	5.21E+01	2.50E-04	6.82E-03	7.31E-02	2.27E-02	1.18E+01	1.79E-06	2.95E-07	4.28E+01	3.59E+00	3.08E-02	1.30E-01	8.53E-02	3.66E+00	3.13E+04	7.15E+01	3.59E-07	2.94E-07	2.57E-02	1.93E-03	7.16E+00	6.62E+00	3.13E+04	6.23E-02	3.13E+04	3.14E+04	1.38E+01	0.00E+00	0.00E+00	0.00E+00	3.66E+00
VE212YN	3.86E-02	7.09E+00	-6.58E-02	7.27E+00	2.47E-03	0.00E+00	9.18E+01	1.38E-04	5.01E-03	5.34E-02	1.61E-02	7.28E-01	6.85E-07	9.48E-08	1.82E+01	7.60E+00	2.17E-02	5.88E-02	5.14E-02	5.47E+00	3.06E+04	5.06E+01	2.35E-07	1.77E-07	1.81E-02	2.75E-03	1.38E+01	2.10E+00	3.06E+04	8.64E-05	3.06E+04	3.05E+04	1.25E+01	0.00E+00	0.00E+00	3.64E-03	2.22E+00
VE218F	4.54E-02	1.19E+01	-3.79E-01	1.22E+01	8.53E-04	0.00E+00	1.09E+03	5.29E-05	8.80E-03	9.40E-02	2.96E-02	5.25E+00	7.97E-08	1.79E-07	3.12E+01	4.41E+00	4.01E-02	1.14E-01	9.15E-02	4.41E+00	3.89E+04	9.65E+01	4.05E-07	2.82E-07	3.23E-02	2.43E-03	7.96E+00	8.24E+00	3.90E+04	8.10E-02	3.90E+04	3.90E+04	1.62E+01	0.00E+00	0.00E+00	3.65E-02	3.93E+00
VE218H	1.69E-01	1.88E+01	6.23E-02	1.88E+01	3.69E-03	0.00E+00	2.69E+02	1.34E-03	1.30E-02	1.42E-01	3.89E-02	9.21E+01	8.95E-06	1.81E-06	2.19E+02	1.45E+01	5.26E-02	3.54E-01	2.55E-01	1.19E+01	3.91E+04	9.25E+01	1.08E-06	1.21E-06	5.15E-02	5.63E-03	2.64E+01	9.00E+00	3.92E+04	2.71E-03	3.92E+04	3.92E+04	3.54E+01	0.00E+00	0.00E+00	0.00E+00	1.10E+01
VE218L	4.53E-02	1.18E+01	-3.38E-01	1.21E+01	8.70E-04	0.00E+00	7.10E+01	2.28E-04	8.77E-03	9.37E-02	2.93E-02	5.34E+00	8.48E-07	1.93E-07	2.75E+01	4.85E+00	3.97E-02	1.32E-01	9.63E-02	4.60E+00	3.89E+04	9.69E+01	4.19E-07	2.88E-07	3.22E-02	2.52E-03	8.48E+00	8.16E+00	3.90E+04	8.10E-02	3.90E+04	3.90E+04	1.66E+01	0.00E+00	0.00E+00	0.00E+00	4.14E+00
VE218PN	4.25E-02	1.33E+01	-9.84E-02	1.34E+01	3.60E-03	0.00E+00	1.22E+02	6.99E-05	8.32E-03	8.83E-02	3.01E-02	3.67E-01	7.31E-08	1.00E-07	2.18E+01	1.11E+01	4.07E-02	1.05E-01	7.07E-02	8.25E+00	3.90E+04	8.61E+01	2.97E-07	2.39E-07	2.78E-02	4.29E-03	1.80E+01	8.13E+00	3.91E+04	2.33E-05	3.91E+04	3.91E+04	2.61E+01	0.00E+00	0.00E+00	0.00E+00	3.04E+00
VE218S	6.00E-02	1.30E+01	-3.63E-01	1.34E+01	8.53E-04	0.00E+00	2.45E+03	7.28E-05	9.73E-03	1.04E-01	3.09E-02	1.30E+01	9.12E-08	3.26E-07	5.03E+01	4.47E+00	4.18E-02	1.24E-01	1.10E-01	5.01E+00	3.90E+04	9.73E+01	4.69E-07	3.73E-07	3.60E-02	2.72E-03	8.33E+00	8.44E+00	3.91E+04	8.05E-02	3.91E+04	3.91E+04	1.68E+01	0.00E+00	0.00E+00	3.65E-02	4.74E+00
VE218SN	3.38E-02	1.35E+01	-9.21E-02	1.36E+01	3.67E-03	0.00E+00	1.24E+02	7.08E-05	8.44E-03	8.97E-02	3.06E-02	3.69E-01	7.35E-08	1.02E-07	2.17E+01	1.13E+01	4.14E-02	1.06E-01	7.12E-02	8.42E+00	3.90E+04	8.75E+01	3.02E-07	2.42E-07	2.82E-02	4.38E-03	1.83E+01	8.18E+00	3.91E+04	2.34E-05	3.91E+04	3.91E+04	2.64E+01	0.00E+00	0.00E+00	0.00E+00	3.06E+00
VE312DN	5.62E-02	1.25E+01	-4.29E-01	1.29E+01	7.89E-04	0.00E+00	2.62E+03	8.24E-05	9.44E-03	1.01E-01	2.96E-02	1.09E+01	9.87E-08	2.88E-07	4.61E+01	4.27E+00	4.01E-02	1.25E-01	1.04E-01	5.26E+00	3.83E+04	9.10E+01	4.41E-07	3.53E-07	3.46E-02	2.91E-03	7.73E+00	9.17E+00	3.84E+04	7.48E-02	3.84E+04	3.84E+04	1.69E+01	0.00E+00	0.00E+00	3.65E-02	4.47E+00
VE312H	1.67E-01	1.76E+01	6.11E-03	1.76E+01	3.24E-03	0.00E+00	2.57E+02	1.34E-03	1.24E-02	1.35E-01	3.57E-02	9.29E+01	8.96E-06	1.80E-06	2.20E+02	1.32E+01	4.83E-02	3.48E-01	2.51E-01	1.11E+01	3.84E+04	8.20E+01	1.09E-06	1.22E-06	4.93E-02	5.18E-03	2.43E+01	8.86E+00	3.85E+04	2.72E-03	3.85E+04	3.86E+04	3.32E+01	0.00E+00	0.00E+00	0.00E+00	1.08E+01
VE312L	4.29E-02	1.10E+01	-3.52E-01	1.13E+01	8.39E-04	0.00E+00	6.72E+01	2.26E-04	8.20E-03	8.76E-02	2.72E-02	5.33E+00	8.48E-07	1.89E-07	2.79E+01	4.63E+00	3.68E-02	1.32E-01	9.14E-02	4.41E+00	3.83E+04	8.74E+01	3.85E-07	2.74E-07	3.00E-02	2.41E-03	8.04E+00	8.13E+00	3.84E+04	7.07E-02	3.84E+04	3.84E+04	1.62E+01	0.00E+00	0.00E+00	0.00E+00	3.92E+00
VE312PN	4.03E-02	1.20E+01	-1.54E-01	1.22E+01	3.16E-03	0.00E+00	1.09E+02	6.30E-05	7.66E-03	8.13E-02	2.70E-02	4.99E-01	7.26E-08	9.02E-08	2.19E+01	9.86E+00	3.65E-02	1.03E-01	6.57E-02	7.39E+00	3.83E+04	7.57E+01	2.68E-07	2.26E-07	2.55E-02	3.81E-03	1.65E+01	8.00E+00	3.84E+04	2.57E-05	3.84E+04	3.84E+04	2.45E+01	0.00E+00	0.00E+00	0.00E+00	2.82E+00

VE312S	5.70E-02	1.20E+01	-3.82E-01	1.24E+01	7.89E-04	0.00E+00	2.45E+03	6.98E-05	9.03E-03	9.64E-02	2.83E-02	1.30E+01	9.10E-08	3.21E-07	5.06E+01	4.14E+00	3.83E-02	1.23E-01	1.04E-01	4.65E+00	3.83E+04	8.60E+01	4.29E-07	3.54E-07	3.32E-02	2.51E-03	7.58E+00	8.36E+00	3.84E+04	6.92E-02	3.84E+04	3.84E+04	1.59E+01	0.00E+00	0.00E+00	3.65E-02	4.47E+00
VE312SN	4.07E-02	1.22E+01	-1.49E-01	1.24E+01	3.21E-03	0.00E+00	1.11E+02	6.38E-05	7.77E-03	8.24E-02	2.74E-02	5.00E-01	7.29E-08	9.15E-08	2.20E+01	1.00E+01	3.71E-02	1.04E-01	6.65E-02	7.51E+00	3.84E+04	7.69E+01	2.72E-07	2.29E-07	2.58E-02	3.87E-03	1.67E+01	8.04E+00	3.84E+04	2.57E-05	3.84E+04	3.85E+04	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.86E+00
VE318L	5.69E-02	1.57E+01	-4.26E-01	1.61E+01	1.23E-03	0.00E+00	9.38E+01	4.20E-04	1.15E-02	1.23E-01	3.85E-02	4.59E+00	7.48E-07	2.19E-07	3.07E+01	6.74E+00	5.22E-02	2.03E-01	1.25E-01	6.00E+00	4.64E+04	1.27E+02	5.30E-07	3.61E-07	4.23E-02	3.31E-03	1.07E+01	1.05E+01	4.65E+04	1.05E-01	4.65E+04	4.65E+04	2.12E+01	0.00E+00	0.00E+00	0.00E+00	5.38E+00
VE318PN	5.62E-02	1.75E+01	-1.19E-01	1.76E+01	4.68E-03	0.00E+00	1.59E+02	9.04E-05	1.09E-02	1.16E-01	3.92E-02	5.31E-01	9.40E-08	1.32E-07	2.72E+01	1.43E+01	5.31E-02	1.51E-01	9.45E-02	1.07E+01	4.65E+04	1.12E+02	3.83E-07	3.13E-07	3.65E-02	5.57E-03	2.27E+01	1.05E+01	4.66E+04	3.45E-05	4.66E+04	4.66E+04	3.31E+01	0.00E+00	0.00E+00	0.00E+00	4.06E+00
VE318S	7.12E-02	1.67E+01	-4.54E-01	1.72E+01	1.22E-03	0.00E+00	2.47E+03	8.59E-05	1.23E-02	1.32E-01	3.99E-02	1.31E+01	1.12E-07	3.52E-07	5.53E+01	5.97E+00	5.40E-02	1.70E-01	1.37E-01	6.46E+00	4.64E+04	1.27E+02	5.79E-07	4.43E-07	4.54E-02	3.53E-03	1.05E+01	1.08E+01	4.66E+04	1.04E-01	4.66E+04	4.66E+04	2.13E+01	0.00E+00	0.00E+00	3.65E-02	5.90E+00
VE318SN	5.69E-02	1.77E+01	-1.12E-01	1.78E+01	4.76E-03	0.00E+00	1.62E+02	9.17E-05	1.11E-02	1.17E-01	3.99E-02	5.33E-01	9.46E-08	1.34E-07	2.73E+01	1.46E+01	5.40E-02	1.52E-01	9.57E-02	1.09E+01	4.65E+04	1.13E+02	3.89E-07	3.17E-07	3.71E-02	5.66E-03	2.30E+01	1.05E+01	4.66E+04	3.46E-05	4.66E+04	4.66E+04	3.35E+01	0.00E+00	0.00E+00	0.00E+00	4.11E+00
VE412H	1.85E-01	2.07E+01	2.97E-02	2.07E+01	4.02E-03	0.00E+00	2.87E+02	1.64E-03	1.44E-02	1.57E-01	4.29E-02	9.95E+01	9.12E-06	1.98E-06	2.43E+02	1.63E+01	5.81E-02	3.89E-01	2.81E-01	1.29E+01	4.47E+04	1.01E+02	1.15E-06	1.31E-06	5.67E-02	6.19E-03	2.91E+01	1.03E+01	4.48E+04	3.39E-03	4.48E+04	4.48E+04	3.94E+01	0.00E+00	0.00E+00	0.00E+00	1.21E+01
VE412L	5.09E-02	1.38E+01	-3.90E-01	1.42E+01	1.10E-03	0.00E+00	8.32E+01	4.14E-04	1.02E-02	1.09E-01	3.36E-02	4.56E+00	7.39E-07	2.06E-07	2.96E+01	6.11E+00	4.54E-02	1.88E-01	1.12E-01	5.39E+00	4.45E+04	1.09E+02	4.65E-07	3.24E-07	3.71E-02	2.97E-03	9.50E+00	9.48E+00	4.46E+04	8.83E-02	4.46E+04	4.46E+04	1.90E+01	0.00E+00	0.00E+00	0.00E+00	4.81E+00
VE412PN	4.90E-02	1.49E+01	-1.43E-01	1.51E+01	3.94E-03	0.00E+00	1.35E+02	7.73E-05	9.39E-03	9.96E-02	3.34E-02	6.54E-01	8.45E-08	1.13E-07	2.57E+01	1.22E+01	4.53E-02	1.34E-01	8.21E-02	9.12E+00	4.46E+04	9.42E+01	3.31E-07	2.75E-07	3.14E-02	4.73E-03	1.95E+01	9.36E+00	4.47E+04	3.38E-05	4.47E+04	4.47E+04	2.88E+01	0.00E+00	0.00E+00	0.00E+00	3.52E+00
VE412S	6.46E-02	1.45E+01	-4.23E-01	1.50E+01	1.05E-03	0.00E+00	2.46E+03	7.86E-05	1.08E-02	1.15E-01	3.44E-02	1.31E+01	1.02E-07	3.38E-07	5.41E+01	5.22E+00	4.66E-02	1.55E-01	1.23E-01	5.65E+00	4.45E+04	1.06E+02	5.04E-07	4.01E-07	3.97E-02	3.07E-03	9.09E+00	9.69E+00	4.46E+04	8.55E-02	4.46E+04	4.47E+04	1.88E+01	0.00E+00	0.00E+00	3.65E-02	5.26E+00
VE412SN	4.96E-02	1.51E+01	-1.38E-01	1.53E+01	4.00E-03	0.00E+00	1.37E+02	7.83E-05	9.51E-03	1.01E-01	3.39E-02	6.56E-01	8.49E-08	1.15E-07	2.58E+01	1.24E+01	4.59E-02	1.35E-01	8.29E-02	9.25E+00	4.46E+04	9.56E+01	3.36E-07	2.79E-07	3.18E-02	4.80E-03	1.97E+01	9.41E+00	4.47E+04	3.38E-05	4.47E+04	4.47E+04	2.91E+01	0.00E+00	0.00E+00	0.00E+00	3.56E+00
VF104PEH	6.14E-03	1.74E+00	-1.58E-01	1.92E+00	1.11E-04	0.00E+00	7.27E+02	3.12E-05	1.49E-03	1.57E-02	5.39E-03	6.54E-01	8.55E-08	1.94E-08	3.00E+00	5.22E-01	7.30E-03	1.15E-02	1.37E-02	7.19E-01	2.18E+01	1.91E+01	4.45E-08	5.28E-08	4.82E-03	3.66E-04	9.63E-01	2.43E+00	3.94E+01	2.53E-03	4.11E+01	4.37E+01	3.90E+00	0.00E+00	0.00E+00	1.37E-01	5.96E-01
VF104PJ	6.00E-03	1.78E+00	-1.55E-01	1.91E+00	1.06E-04	0.00E+00	1.27E+01	1.91E-05	1.49E-03	1.54E-02	5.39E-03	3.86E-01	5.22E-08	1.54E-08	2.13E+00	5.05E-01	7.30E-03	1.15E-02	1.32E-02	6.61E-01	2.26E+01	1.75E+01	4.09E-08	5.39E-08	4.86E-03	3.64E-04	9.61E-01	2.43E+00	4.24E+01	1.93E-03	4.24E+01	4.57E+01	3.90E+00	0.00E+00	0.00E+00	1.20E-01	5.60E-01
VF104PP	6.96E-03	1.29E+00	-2.17E-01	1.51E+00	8.42E-05	0.00E+00	1.06E+01	3.84E-05	1.32E-03	1.35E-02	5.87E-03	6.55E-01	1.24E-07	2.45E-08	3.37E+00	4.46E-01	7.95E-03	1.42E-02	1.13E-02	6.26E-01	1.75E+01	1.24E+01	2.66E-08	4.55E-08	4.19E-03	3.58E-04	6.64E-01	3.34E+00	2.99E+01	1.22E-05	2.99E+01	3.39E+01	4.01E+00	0.00E+00	0.00E+00	2.14E-01	4.84E-01
VF104PY	5.70E-03	1.52E+00	-1.56E-01	1.71E+00	1.07E-04	0.00E+00	5.48E+02	1.89E-05	1.29E-03	1.33E-02	5.21E-03	2.80E-01	5.45E-08	1.40E-08	2.42E+00	5.04E-01	7.05E-03	1.02E-02	1.30E-02	6.25E-01	2.25E+01	1.74E+01	3.77E-08	4.24E-08	4.15E-03	3.55E-04	9.98E-01	2.43E+00	4.19E+01	2.02E-03	4.18E+01	4.48E+01	3.87E+00	0.00E+00	0.00E+00	1.20E-01	5.53E-01
VF104TD	6.47E-03	1.87E+00	-7.79E-02	2.02E+00	3.43E-04	0.00E+00	2.30E+01	2.70E-05	1.56E-03	1.61E-02	5.68E-03	5.87E-01	6.21E-08	1.96E-08	3.12E+00	1.13E+00	7.68E-03	1.22E-02	1.37E-02	1.06E+00	2.38E+01	1.84E+01	4.35E-08	5.01E-08	5.16E-03	7.44E-04	2.20E+00	1.61E+00	4.24E+01	4.08E-04	4.27E+01	4.68E+01	4.87E+00	0.00E+00	0.00E+00	1.21E-01	5.90E-01
VF104TJ	5.96E-03	1.78E+00	-1.29E-01	1.99E+00	3.43E-04	0.00E+00	2.24E+01	2.79E-05	1.54E-03	1.58E-02	5.36E-03	5.75E-01	8.30E-08	1.92E-08	3.02E+00	1.14E+00	7.28E-03	1.18E-02	1.34E-02	9.83E-01	2.41E+01	1.89E+01	4.50E-08	5.13E-08	5.12E-03	7.35E-04	2.19E+00	2.07E+00	4.30E+01	4.05E-04	4.34E+01	4.77E+01	4.74E+00	0.00E+00	0.00E+00	1.21E-01	5.78E-01
VF104TM	6.44E-03	1.86E+00	-1.35E-01	2.03E+00	3.43E-04	0.00E+00	2.30E+01	2.84E-05	1.54E-03	1.62E-02	5.61E-03	5.78E-01	8.79E-08	1.94E-08	3.03E+00	1.14E+00	7.60E-03	1.22E-02	1.37E-02	1.05E+00	2.39E+01	1.91E+01	4.60E-08	4.98E-08	5.11E-03	7.54E-04	2.24E+00	2.30E+00	4.28E+01	4.05E-04	4.30E+01	4.70E+01	4.77E+00	0.00E+00	0.00E+00	1.21E-01	5.85E-01
VF104TR	7.15E-03	2.40E+00	-1.32E-01	2.57E+00	3.67E-04	0.00E+00	5.32E+02	3.25E-05	1.86E-03	2.00E-02	6.34E-03	6.78E-01	8.68E-08	2.70E-08	6.93E+00	1.19E+00	8.59E-03	1.62E-02	1.44E-02	1.20E+00	4.94E+01	2.01E+01	5.72E-08	6.20E-08	6.70E-03	7.69E-04	2.78E+00	2.41E+00	6.52E+01	1.02E-03	6.22E+01	6.74E+01	5.06E+00	0.00E+00	0.00E+00	7.62E-02	6.24E-01
VF104TS	7.14E-03	2.18E+00	-9.41E-02	2.34E+00	3.66E-04	0.00E+00	1.37E+03	3.79E-05	1.70E-03	1.82E-02	5.78E-03	9.86E-01	9.74E-08	3.24E-08	8.67E+00	1.21E+00	7.82E-03	1.68E-02	1.42E-02	1.09E+00	4.14E+01	1.96E+01	5.62E-08	6.12E-08	6.12E-03	7.73E-04	2.74E+00	1.69E+00	5.13E+01	4.41E-04	5.53E+01	5.95E+01	5.10E+00	0.00E+00	0.00E+00	1.78E-01	6.19E-01
VF108PA	7.61E-03	1.99E+00	-8.20E-02	2.07E+00	1.13E-04	0.00E+00	3.60E+01	3.95E-05	1.63E-03	1.72E-02	6.80E-03	7.77E-01	7.65E-08	2.36E-08	5.28E+00	5.62E-01	9.24E-03	1.95E-02	1.74E-02	7.52E-01	4.12E+01	2.02E+01	4.37E-08	6.05E-08	5.68E-03	4.08E-04	1.47E+00	1.63E+00	6.34E+01	2.08E-03	5.91E+01	6.45E+01	3.99E+00	0.00E+00	0.00E+00	1.46E-01	7.35E-01
VF108PD	7.52E-03	1.89E+00	-1.58E-01	2.04E+00	1.22E-04	0.00E+00	3.59E+01	3.83E-05	1.58E-03	1.68E-02	6.74E-03	4.97E-01	9.31E-08	2.08E-08	5.13E+00	5.94E-01	9.16E-03	1.92E-02	1.72E-02	7.20E-01	4.06E+01	2.06E+01	4.55E-08	5.83E-08	5.33E-03	3.97E-04	1.38E+00	2.55E+00	5.87E+01	2.24E-03	5.52E+01	5.89E+01	3.82E+00	0.00E+00	0.00E+00	1.46E-01	7.28E-01
VF108PE	7.60E-03	1.60E+00	-1.51E-01	1.76E+00	1.01E-04	0.00E+00	1.06E+01	3.35E-05	1.45E-03	1.51E-02	6.68E-03	5.55E-01	1.02E-07	2.36E-08	3.02E+00	5.22E-01	9.04E-03	1.44E-02	1.29E-02	6.11E-01	1.94E+01	1.63E+01	2.60E-08	4.92E-08	4.72E-03	3.53E-04	1.01E+00	2.58E+00	3.57E+01	1.04E-05	3.57E+01	3.93E+01	3.59E+00	0.00E+00	0.00E+00	2.62E-01	5.54E-01
VF108PEB	5.89E-03	1.39E+00	-1.57E-01	1.55E+00	8.80E-05	0.00E+00	9.07E+00	6.91E-06	1.28E-03	1.32E-02	6.40E-03	2.61E-02	2.28E-08	1.08E-08	1.80E+00	4.30E-01	8.67E-03	1.06E-02	1.06E-02	5.29E-01	1.61E+01	1.55E+01	1.78E-08	3.85E-08	4.11E-03	3.20E-04	7.87E-01	2.55E+00	3.15E+01	6.59E-07	3.15E+01	3.49E+01	3.34E+00	0.00E+00	0.00E+00	2.62E-01	4.53E-01
VF108PEH	7.32E-03	1.82E+00	-1.77E-01	2.02E+00	1.32E-04	0.00E+00	7.04E+02	2.18E-05	1.65E-03	1.68E-02	6.97E-03	3.17E-01	7.52E-08	1.74E-08	2.50E+00	6.14E-01	9.49E-03	2.03E-02	1.55E-02	8.08E-01	4.24E+01	2.05E+01	4.65E-08	5.47E-08	5.19E-03	3.93E-04	1.19E+00	3.07E+00	6.14E+01	2.21E-03	6.15E+01	6.74E+01	4.04E+00	0.00E+00	0.00E+00	2.34E-01	6.66E-01
VF108PF	6.72E-03	1.55E+00	-8.18E-02	1.75E+00	1.02E-04	0.00E+00	3.49E+01	3.76E-05	1.33E-03	1.36E-02	5.10E-03	7.57E-01	7.25E-08	2.09E-08	5.24E+00	5.41E-01	6.93E-03	1.19E-02	1.62E-02	6.79E-01	2.46E+01	1.76E+01	3.72E-08	4.64E-08	4.40E-03	3.84E-04	1.34E+00	1.61E+00	4.23E+01	2.67E-03	4.24E+01	4.45E+01	3.77E+00	0.00E+00	0.00E+00	1.46E-01	6.79E-01
VF108PJ	7.78E-03	2.25E+00	-1.93E-01	2.47E+00	1.28E-04	0.00E+00	3.62E+01	4.00E-05	1.98E-03	2.07E-02	7.27E-03	5.13E-01	1.03E-07	2.20E-08	5.51E+00	6.03E-01	9.86E-03	2.47E-02	1.90E-02	7.06E-01	5.47E+01	2.22E+01	4.33E-08	5.85E-08	6.21E-03	3.95E-04	1.35E+00	3.17E+00	7.52E+01	2.24E-03	7.42E+01	7.93E+01	4.09E+00	0.00E+00	0.00E+00	1.50E-01	8.10E-01
VF108PM	7.28E-03	1.95E+00	-1.35E-01	2.07E+00	1.14E-04	0.00E+00	3.54E+01	3.81E-05	1.60E-03	1.69E-02	6.67E-03	4.60E-01	8.87E-08	2.13E-08	5.10E+00	5.80E-01	9.07E-03	1.89E-02	1.72E-02	7.49E-01	3.79E+01	1.90E+01	4.57E-08	6.05E-08	5.73E-03	4.04E-04	1.49E+00	2.19E+00	5.85E+01	2.08E-03	5.35E+01	5.51E+01	4.01E+00	0.00E+00	0.00E+00	1.46E-01	7.26E-01
VF108PP	8.59E-03	1.68E+00	-1.49E-01	1.83E+00	1.01E-04	0.00E+00	1.12E+01	5.97E-05	1.51E-03	1.58E-02	6.77E-03	1.08E+00	1.81E-07	3.58E-08	5.31E+00	5.78E-01	9.17E-03	1.81E-02	1.46E-02	6.43E-01	2.06E+01	1.63E+01	3.13E-08	5.57E-08	4.96E-03	3.61E-04	1.09E+00	2.58E+00	3.69E+01	2.01E-05	3.69E+01	4.06E+01	3.67E+00	0.00E+00	0.00E+00	2.62E-01	6.29E-01
VF108PR	9.00E-03	2.93E+00	-1.57E-01	3.20E+00	3.62E-04	0.00E+00	5.31E+02	3.23E-05	2.34E-03	2.46E-02	7.42E-03	6.23E-01	9.58E-08	3.18E-08	8.26E+00	1.34E+00	1.00E-02	2.68E-02	1.98E-02	1.38E+00	6.70E+01	2.42E+01	7.00E-08	7.12E-08	7.80E-03	9.08E-04	2.95E+00	2.80E+00	8.09E+01	5.92E-04	8.23E+01	8.90E+01	5.02E+00	0.00E+00	0.00E+00	7.55E-02	8.48E-01
VF108PT	2.91E-02	3.49E+00	-1.37E-01	3.63E+00	9.14E-05	0.00E+00	1.22E+03	2.43E-04	2.78E-03	2.99E-02	8.03E-03	1.27E+01	1.75E-06	2.62E-07	3.12E+01	1.01E+00	1.09E-02	5.47E-02	4.14E-02	1.24E+00	4.50E+01	2.72E+01	1.57E-07	2.10E-07	1.04E-02	5.79E-04	2.47E+00	2.72E+00	7.22E+01	4.67E-03	7.22E+01	7.74E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
VF108PY	7.78E-03	2.34E+00	-1.79E-01	2.54E+00	1.28E-04	0.00E+00	5.55E+02	3.93E-05	2.02E-03	2.11E-02	7.29E-03	5.16E-01	9.18E-08	2.21E-08	6.47E+00	6.05E-01	9.88E-03	2.46E-02	1.90E-02	7.09E-01	5.48E+01	2.24E+01	4.42E-08	5.92E-08	6.33E-03	3.98E-04	1.40E+00	3.10E+00	7.67E+01	2.03E-03	7.53E+01	8.12E+01	4.07E+00	0.00E+00	0.00E+00	1.47E-01	8.12E-01
VF108TA	7.96E-03	2.35E+00	-1.73E-01	2.66E+00	3.35E-04	0.00E+00	4.44E+01	3.88E-05	2.03E-03	2.10E-02	7.18E-03	4.95E-01	9.73E-08	2.29E-08	4.99E+00	1.32E+00	9.73E-03	2.40E-02	1.84E-02	1.28E+00	5.62E+01	2.23E+01	4.96E-08	6.27E-08	6.33E-03	8.87E-04	2.68E+00	3.07E+00	7.66E+01	5.04E-04	7.60E+01	8.17E+01	4.99E+00	0.00E+00	0.00E+00	1.22E-01	7.88E-01
VF108TD	7.79E-03	2.03E+00	-8.26E-02	2.20E+00	3.35E-04	0.00E+00	4.36E+01	3.86E-05	1.67E-03	1.74E-02	6.87E-03	8.18E-01	8.10E-08	2.49E-08	4.88E+00	1.31E+00	9.33E-03	1.90E-02	1.70E-02	1.23E+00	4.31E+01	2.04E+01	4.95E-08	6.31E-08	5.75E-03	8.44E-04	2.56E+00	1.61E+00	6.43E+01	5.43E-04	6.03E+01	6.54E+01	4.84E+00	0.00E+00	0.00E+00	1.22E-01	7.21E-01
VF108TE	7.61E-03	1.87E+00	-1.72E-01	2.11E+00	3.35E-04	0.00E+00	2.06E+01	1.36E-05	1.64E-03	1.65E-02	6.98E-03	4.30E-01	8.02E-08	1.85E-08	2.50E+00	1.32E+00	9.48E-03	2.10E-02	1.80E-02	1.22E+00	4.35E+01	2.05E+01	4.52E-08	5.97E-08	5.17E-03	8.61E-04	2.29E+00	3.10E+00	6.19E+01	4.53E-04	6.24E+01	6.83E+01	4.87E+00	0.00E+00	0.00E+00	2.04E-01	7.64E-01
VF108TF	7.96E-03	1.96E+00	-1.73E-01	2.20E+00	3.35E-04	0.00E+00	4.38E+01	3.80E-05	1.68E-03	1.72E-02	6.97E-03	4.95E-01	9.73E-08	2.25E-08	4.89E+00	1.32E+00	9.47E-03	2.23E-02	1.82E-02	1.23E+00	5.10E+01	2.15E+01	4.92E-08	6.20E-08	5.40E-03	8.62E-04	2.65E+00	3.07E+00	7.16E+01	5.04E-04	6.95E+01	7.62E+01	4.88E+00	0.00E+00	0.00E+00	1.22E-01	7.75E-01
VF108TJ	7.81E-03	2.02E+00	-1.41E-01	2.23E+00	3.36E-04	0.00E+00	4.33E+01	3.75E-05	1.68E-03	1.74E-02	6.94E-03	4.82E-01	9.46E-08	2.23E-08	4.69E+00	1.31E+00	9.43E-03	1.99E-02	1.76E-02	1.22E+00	4.62E+01	2.09E+01	5.31E-08	6.23E-08	5.72E-03	8.60E-04	2.64E+00	2.51E+00	6.65E+01	5.79E-04	6.16E+01	6.80E+01	4.77E+00	0.00E+00	0.00E+00	1.22E-01	7.43E-01
VF108TM	7.46E-03	1.98E+00	-1.35E-01	2.16E+00	3.36E-04	0.00E+00	4.31E+01	3.68E-05	1.64E-03	1.71E-02	6.67E-03	4.76E-01	9.40E-08	2.27E-08	4.72E+00	1.31E+00	9.06E-03	1.83E-02	1.69E-02	1.22E+00	3.94E+01	1.92E+01	5.04E-08	6.32E-08	5.72E-03	8.37E-04	2.66E+00	2.00E+00	5.80E+01	5.41E-04	5.41E+01	5.64E+01	4.84E+00	0.00E+00	0.00E+00	1.22E-01	7.13E-01
VF108TP	7.96E-03	2.35E+00	-1.73E-01	2.66E+00	3.35E-04	0.00E+00	4.44E+01	3.88E-05	2.03E-03	2.10E-02	7.18E-03	4.95E-01	9.73E-08	2.29E-08	4.99E+00	1.32E+00	9.73E-03	2.40E-02	1.84E-02	1.28E+00	5.62E+01	2.23E+01	4.96E-08	6.27E-08	6.33E-03	8.87E-04	2.68E+00	3.07E+00	7.66E+01	5.04E-04	7.60E+01	8.17E+01	4.99E+00	0.00E+00	0.00E+00	1.22E-01	7.88E-01
VF108TR	9.20E-03	3.12E+00	-8.44E-02	3.38E+00	3.61E-04	0.00E+00	5.28E+02	3.27E-05	2.45E-03	2.54E-02	7.69E-03	9.36E-01	7.76E-08	3.48E-08	8.32E+00	1.34E+00	1.05E-02	2.70E-02	2.04E-02	1.42E+00	6.24E+01	2.48E+01	6.96E-08	7.26E-08	8.32E-03	9.16E-04	2.84E+00	1.63E+00	8.10E+01	6.68E-04	8.25E+01	8.73E+01	5.23E+00	0.00E+00	0.00E+00	7.49E-02	8.78E-01
VF108TS	8.20E-03	2.28E+00	-1.73E-01	2.41E+00	3.61E-04	0.00E+00	1.33E+03	3.66E-05	1.78E-03	1.89E-02	6.75E-03	8.70E-01	1.23E-07	3.60E-08	9.56E+00	1.36E+00	9.14E-03	2.21E-02	1.72E-02	1.24E+00	5.42E+01	2.10E+01	6.13E-08	7.09E-08	6.38E-03	8.79E-04	2.94E+00	3.08E+00	6.83E+01	5.49E-04	6.64E+01	7.15E+01	4.80E+00	0.00E+00	0.00E+00	1.83E-01	7.44E-01
VF112PA	1.87E-02	4.03E+00	-2.64E-01	4.28E+00	7.51E-05	0.00E+00	3.03E+02	5.36E-05	3.11E-03	3.34E-02	1.12E-02	8.58E+00	1.37E-07	9.37E-08	1.03E+01	6.58E-01	1.52E-02	5.24E-02	3.93E-02	1.43E+00	6.97E+01	3.35E+01	2.04E-07	2.22E-07	1.06E-02	7.33E-04	2.82E+00	4.49E+00	1.04E+02	3.66E-03	1.03E+02	1.09E+02	7.23E+00	0.00E+00	0.00E+00	1.16E-01	1.69E+00
VF112PD	1.87E-02	4.00E+00	-2.64E-01	4.23E+00	7.51E-05	0.00E+00	2.98E+02	5.41E-05	3.11E-03	3.31E-02	1.12E-02	8.57E+00	1.34E-07	9.50E-08	1.04E+01	6.55E-01	1.52E-02	5.24E-02	3.90E-02	1.43E+00	6.93E+01	3.35E+01	2.04E-07	2.22E-07	1.06E-02	7.33E-04	2.81E+00	4.46E+00	1.03E+02	3.66E-03	1.03E+02	1.08E+02	7.22E+00	0.00E+00	0.00E+00	1.16E-01	1.68E+00
VF112PE	1.44E-02	3.00E+00	-2.62E-01	3.27E+00	7.48E-05	0.00E+00	1.64E+01	3.88E-05	2.56E-03	2.69E-02	1.09E-02	5.53E+00	1.19E-07	3.98E-08	3.45E+00	6.21E-01	1.47E-02	4.45E-02	2.61E-02	1.56E+00	4.18E+01	2.45E+01	1.86E-07	2.01E-07	8.61E-03	9.55E-04	2.61E+00	4.43E+00	6.64E+01	7.92E-05	6.64E+01	7.34E+01	7.03E+00	0.00E+00	0.00E+00	4.07E-01	1.12E+00
VF112PEB	1.13E-02	2.44E+00	-2.81E-01	2.72E+00	0.00E+00	0.00E+00	1.25E+01	1.10E-05	2.15E-03	2.25E-02	1.01E-02	4.99E+00	3.91E-08	2.36E-08	2.16E+00	3.27E-01	1.37E-02	3.85E-02	2.20E-02	1.02E+00	3.31E+01	2.19E+01	1.69E-07	1.80E-07	7.09E-03	6.23E-04	1.99E+00	4.35E+00	5.51E+01	6.93E-05	5.51E+01	6.14E+01	6.34E+00	0.00E+00	0.00E+00	4.07E-01	9.44E-01
VF112PEH	1.96E-02	3.29E+00	-2.62E-01	3.64E+00	7.73E-05	0.00E+00	8.17E+02	3.85E-05	2.77E-03	2.89E-02	1.09E-02	8.98E+00	1.22E-07	7.21E-08	4.82E+00	5.61E-01	1.47E-02	4.88E-02	3.85E-02	1.42E+00	5.00E+01	3.20E+01	2.14E-07	2.08E-07	8.98E-03	7.01E-04	2.61E+00	4.45E+00	8.46E+01	4.25E-03	8.38E+01	8.89E+01	7.08E+00	0.00E+00	0.00E+00	1.96E-01	1.65E+00
VF112PF	1.98E-02	4.00E+00	-8.59E-02	4.26E+00	1.69E-05	0.00E+00	3.91E+02	5.20E-05	3.09E-03	3.29E-02	1.08E-02	6.43E+00	1.23E-07	1.04E-07	9.86E+00	6.17E-01	1.47E-02	4.83E-02	3.48E-02	1.33E+00	6.70E+01	3.53E+01	1.60E-07	2.14E-07	1.05E-02	7.13E-04	2.19E+00	2.06E+00	1.03E+02	4.21E-03	1.05E+02	1.10E+02	5.91E+00	0.00E+00	0.00E+00	1.11E-01	1.52E+00
VF112PJ	1.87E-02	4.00E+00	-1.88E-01	4.25E+00	1.75E-05	0.00E+00	2.65E+02	5.15E-05	3.09E-03	3.29E-02	1.08E-02	8.37E+00	1.16E-07	9.69E-08	1.04E+01	5.99E-01	1.47E-02	4.81E-02	3.85E-02	1.40E+00	6.88E+01	3.36E+01	2.03E-07	2.20E-07	1.05E-02	7.28E-04	2.60E+00	3.47E+00	1.03E+02	4.40E-03	1.03E+02	1.09E+02	6.00E+00	0.00E+00	0.00E+00	1.14E-01	1.65E+00
VF112PM	1.90E-02	3.93E+00	-1.24E-01	4.24E+00	1.16E-05	0.00E+00	6.73E+02	5.37E-05	3.08E-03	3.29E-02	1.06E-02	8.25E+00	1.77E-07	1.00E-07	9.55E+00	4.99E-01	1.44E-02	4.68E-02	3.47E-02	1.29E+00	6.53E+01	3.43E+01	2.08E-07	2.26E-07	1.05E-02	7.14E-04	2.57E+00	2.29E+00	1.01E+02	4.59E-03	1.02E+02	1.08E+02	5.79E+00	0.00E+00	0.00E+00	1.18E-01	1.51E+00
VF112PP	2.21E-02	3.69E+00	-2.92E-01	3.98E+00	7.07E-05	0.00E+00	1.09E+03	2.63E-05	3.12E-03	3.30E-02	1.19E-02	9.48E+00	4.86E-08	1.17E-07	1.22E+01	5.52E-01	1.61E-02	4.75E-02	3.47E-02	1.60E+00	6.04E+01	2.51E+01	2.17E-07	2.46E-07	1.07E-02	9.12E-04	2.83E+00	4.81E+00	8.56E+01	1.19E-04	8.56E+01	9.32E+01	7.64E+00	0.00E+00	0.00E+00	4.31E-01	1.49E+00
VF112PR	2.20E-02	5.01E+00	-8.68E-02	5.33E+00	3.69E-04	0.00E+00	6.41E+02	4.22E-05	3.79E-03	4.04E-02	1.19E-02	8.15E+00	1.33E-07	1.05E-07	1.17E+01	1.55E+00	1.60E-02	4.78E-02	4.19E-02	1.75E+00	8.24E+01	4.27E+01	1.99E-07	2.15E-07	1.33E-02	1.05E-03	3.78E+00	2.00E+00	1.32E+02	4.29E-03	1.34E+02	1.38E+02	6.97E+00	0.00E+00	0.00E+00	5.17E-02	1.81E+00
VF112PS	2.63E-02	4.97E+00	-2.93E-01	5.26E+00	7.07E-05	0.00E+00	1.10E+03	2.86E-05	3.84E-03	4.09E-02	1.20E-02	9.50E+00	1.42E-07	1.23E-07	1.34E+01	6.85E-01	1.63E-02	4.77E-02	4.26E-02	1.77E+00	7.29E+01	4.13E+01	2.43E-07	2.69E-07	1.34E-02	1.03E-03	2.95E+00	4.90E+00	1.14E+02	6.27E-03	1.14E+02	1.22E+02	7.85E+00	0.00E+00	0.00E+00	2.41E-02	1.83E+00
VF112PT	6.78E-02	6.29E+00	-2.24E-01	6.51E+00	2.29E-05	0.00E+00	1.33E+03	5.63E-04	5.01E-03	5.45E-02	1.39E-02	3.77E+01	3.23E-06	6.75E-07	7.80E+01	1.83E+00	1.89E-02	1.25E-01	9.86E-02	2.43E+00	8.98E+01	4.18E+01	4.61E-07	5.51E-07	1.98E-02	1.19E-03	5.86E+00	4.76E+00	1.32E+02	6.62E-03	1.32E+02	1.42E+02	1.06E+01	0.00E+00	0.00E+00	0.00E+00	4.23E+00
VF112PY	2.25E-02	4.60E+00	-2.64E-01	4.85E+00	7.52E-05	0.00E+00	6.64E+02	5.40E-05	3.63E-03	3.85E-02	1.17E-02	8.79E+00	1.39E-07	1.12E-07	1.24E+01	6.67E-01	1.59E-02	5.25E-02	4.23E-02	1.43E+00	7.90E+01	3.90E+01	2.08E-07	2.22E-07	1.24E-02	7.27E-04	2.82E+00	4.46E+00	1.24E+02	3.11E-03	1.23E+02	1.25E+02	7.26E+00	0.00E+00	0.00E+00	1.17E-01	1.82E+00
VF112PZG	1.77E-02	3.71E+00	-2.64E-01	3.98E+00	1.07E-05	0.00E+00	6.03E+02	5.67E-05	2.71E-03	3.00E-02	9.33E-03	6.35E+00	1.23E-07	8.77E-08	1.10E+01	5.52E-01	1.27E-02	4.21E-02	3.24E-02	1.18E+00	6.59E+01	2.91E+01	1.24E-07	1.96E-07	9.54E-03	6.95E-04	1.91E+00	4.37E+00	1.02E+02	3.59E-03	1.00E+02	1.05E+02	6.46E+00	0.00E+00	0.00E+00	1.15E-01	1.39E+00
VF112TA	1.92E-02	4.04E+00	-1.70E-01	4.31E+00	3.46E-04	0.00E+00	3.25E+02	4.83E-05	3.13E-03	3.33E-02	1.08E-02	8.27E+00	1.17E-07	9.99E-08	1.10E+01	1.51E+00	1.47E-02	4.67E-02	3.79E-02	1.71E+00	7.05E+01	3.45E+01	2.02E-07	2.17E-07	1.07E-02	1.09E-03	3.93E+00	3.46E+00	1.04E+02	3.96E-03	1.04E+02	1.12E+02	6.82E+00	0.00E+00	0.00E+00	1.44E-01	1.64E+00
VF112TD	1.92E-02	4.03E+00	-1.97E-01	4.30E+00	3.45E-04	0.00E+00	3.25E+02	4.82E-05	3.12E-03	3.32E-02	1.08E-02	8.24E+00	1.16E-07	9.99E-08	1.10E+01	1.52E+00	1.47E-02	4.88E-02	3.81E-02	1.71E+00	7.07E+01	3.45E+01	2.07E-07	2.18E-07	1.07E-02	1.09E-03	3.94E+00	3.69E+00	1.04E+02	4.01E-03	1.05E+02	1.12E+02	6.83E+00	0.00E+00	0.00E+00	1.44E-01	1.65E+00
VF112TE	1.58E-02	3.15E+00	-2.46E-01	3.42E+00	3.42E-04	0.00E+00	7.85E+01	3.23E-05	2.64E-03	2.73E-02	1.08E-02	6.79E+00	1.02E-07	3.60E-08	3.09E+00	1.33E+00	1.47E-02	3.61E-02	3.29E-02	1.68E+00	5.03E+01	3.34E+01	1.83E-07	1.68E-07	8.66E-03	1.01E-03	3.65E+00	4.44E+00	7.67E+01	2.49E-03	7.76E+01	8.32E+01	8.31E+00	0.00E+00	0.00E+00	2.53E-01	1.42E+00
VF112TF	2.00E-02	4.07E+00	-2.38E-01	4.34E+00	3.46E-04	0.00E+00	2.38E+02	5.05E-05	3.16E-03	3.34E-02	1.08E-02	6.37E+00	1.37E-07	1.06E-07	1.14E+01	1.55E+00	1.46E-02	4.66E-02	3.81E-02	1.69E+00	7.25E+01	3.36E+01	1.58E-07	2.06E-07	1.08E-02	1.10E-03	3.59E+00	4.34E+00	1.07E+02	4.39E-03	1.08E+02	1.16E+02	7.30E+00	0.00E+00	0.00E+00	1.23E-01	1.65E+00
VF112TJ	1.92E-02	4.04E+00	-1.70E-01	4.32E+00	3.45E-04	0.00E+00	3.26E+02	4.73E-05	3.12E-03	3.32E-02	1.08E-02	8.05E+00	1.07E-07	1.00E-07	1.10E+01	1.51E+00	1.47E-02	4.78E-02	3.80E-02	1.71E+00	7.08E+01	3.49E+01	2.03E-07	2.18E-07	1.07E-02	1.09E-03	3.91E+00	3.34E+00	1.04E+02	4.03E-03	1.05E+02	1.12E+02	6.82E+00	0.00E+00	0.00E+00	1.31E-01	1.65E+00
VF112TM	1.77E-02	3.80E+00	-8.72E-02	4.12E+00	3.48E-04	0.00E+00	6.72E+02	5.60E-05	2.71E-03	3.00E-02	9.34E-03	5.65E+00	1.85E-07	9.19E-08	1.05E+01	1.51E+00	1.27E-02	4.53E-02	3.33E-02	1.61E+00	6.62E+01	2.65E+01	2.02E-07	1.93E-07	9.72E-03	1.03E-03	3.18E+00	1.87E+00	1.00E+02	4.31E-03	1.01E+02	1.07E+02	5.91E+00	0.00E+00	0.00E+00	1.32E-01	1.45E+00
VF112TP	2.23E-02	4.01E+00	-2.62E-01	4.28E+00	3.73E-04	0.00E+00	1.10E+03	2.97E-05	3.25E-03	3.44E-02	1.21E-02	9.48E+00	4.89E-08	1.22E-07	1.24E+01	1.28E+00	1.64E-02	4.78E-02	3.33E-02	2.07E+00	7.16E+01	2.39E+01	2.31E-07	2.48E-07	1.11E-02	1.13E-03	3.90E+00	4.83E+00	9.54E+01	1.19E-04	9.54E+01	1.04E+02	8.74E+00	0.00E+00	0.00E+00	4.31E-01	1.43E+00
VF112TR	2.20E-02	5.01E+00	-2.14E-01	5.35E+00	3.69E-04	0.00E+00	6.39E+02	4.26E-05	3.79E-03	4.05E-02	1.19E-02	8.51E+00	1.42E-07	1.05E-07	1.17E+01	1.57E+00	1.60E-02	4.81E-02	4.20E-02	1.78E+00	8.60E+01	4.23E+01	2.03E-07	2.17E-07	1.33E-02	1.07E-03	3.83E+00	3.78E+00	1.32E+02	4.29E-03	1.34E+02	1.39E+02	7.08E+00	0.00E+00	0.00E+00	5.17E-02	1.82E+00
VF112TS	2.49E-02	5.15E+00	-2.36E-01	5.42E+00	3.70E-04	0.00E+00	1.29E+03	4.24E-05	3.79E-03	4.07E-02	1.19E-02	8.93E+00	1.60E-07	1.23E-07	1.37E+01	1.56E+00	1.61E-02	4.94E-02	4.18E-02	1.74E+00	8.51E+01	4.08E+01	2.10E-07	2.22E-07	1.32E-02	1.12E-03	3.82E+00	4.17E+00	1.34E+02	3.87E-03	1.35E+02	1.39E+02	7.11E+00	0.00E+00	0.00E+00	2.16E-01	1.80E+00
VF112TY	2.27E-02	5.00E+00	-2.47E-01	5.30E+00	3.45E-04	0.00E+00	6.66E+02	4.83E-05	3.78E-03	4.02E-02	1.19E-02	8.35E+00	1.31E-07	1.15E-07	1.29E+01	1.51E+00	1.61E-02	4.95E-02	4.18E-02	1.73E+00	8.25E+01	4.10E+01	2.07E-07	2.14E-07	1.30E-02	1.11E-03	3.94E+00	4.45E+00	1.33E+02	3.78E-03	1.30E+02	1.36E+02	8.57E+00	0.00E+00	0.00E+00	1.41E-01	1.81E+00
VF118PA	2.75E-02	5.73E+00	-3.27E-01	6.10E+00	9.51E-05	0.00E+00	2.90E+02	4.88E-05	4.43E-03	4.77E-02	1.35E-02	3.44E+00	1.41E-07	1.01E-07	1.16E+01	7.54E-01	1.83E-02	6.59E-02	4.90E-02	1.83E+00	1.11E+02	5.01E+01	1.27E-07	1.74E-07	1.53E-02	1.08E-03	3.08E+00	5.68E+00	1.56E+02	7.68E-03	1.60E+02	1.69E+02	8.97E+00	0.00E+00	0.00E+00	6.53E-02	2.09E+00
VF118PD	2.36E-02	5.46E+00	-3.51E-01	5.81E+00	8.61E-05	0.00E+00	2.53E+01	1.11E-04	4.21E-03	4.41E-02	1.49E-02	2.13E+00	3.64E-07	7.70E-08	9.42E+00	1.07E+00	2.02E-02	7.18E-02	4.70E-02	1.80E+00	9.88E+01	5.40E+01	8.53E-08	1.47E-07	1.44E-02	1.11E-03	1.13E+00	5.99E+00	1.53E+02	7.72E-03	1.53E+02	1.60E+02	7.13E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
VF118PEH	3.07E-02	6.22E+00	-3.58E-01	6.66E+00	1.34E-04	0.00E+00	1.77E+03	4.38E-05	4.77E-03	5.13E-02	1.53E-02	7.25E+00	1.95E-07	1.48E-07	1.64E+01	7.00E-01	2.08E-02	9.96E-02	4.99E-02	2.11E+00	1.18E+02	4.79E+01	1.31E-07	1.87E-07	1.66E-02	1.25E-03	3.28E+00	6.28E+00	1.65E+02	4.73E-03	1.68E+02	1.81E+02	9.41E+00	0.00E+00	0.00E+00	1.65E-01	2.14E+00
VF118PES	2.25E-02	4.34E+00	-3.90E-01	4.73E+00	9.69E-05	0.00E+00	8.42E+02	2.69E-05	3.73E-03	3.88E-02	1.57E-02	3.69E+00	2.00E-07	1.01E-07	1.17E+01	7.59E-01	2.13E-02	6.48E-02	4.05E-02	1.94E+00	9.99E+01	3.45E+01	7.88E-08	1.43E-07	1.25E-02	1.19E-03	1.18E+00	6.43E+00	1.34E+02	5.02E-05	1.34E+02	1.42E+02	7.61E+00	0.00E+00	0.00E+00	5.52E-01	1.74E+00
VF118PF	2.35E-02	4.43E+00	-3.26E-01	4.79E+00	2.39E-05	0.00E+00	7.11E+02	4.17E-05	3.57E-03	3.73E-02	1.39E-02	4.59E+00	1.06E-07	1.12E-07	1.17E+01	6.76E-01	1.89E-02	6.31E-02	3.92E-02	1.57E+00	1.02E+02	4.38E+01	1.27E-07	1.64E-07	1.28E-02	1.02E-03	1.48E+00	5.44E+00	1.48E+02	6.78E-03	1.49E+02	1.56E+02	7.91E+00	0.00E+00	0.00E+00	7.25E-02	1.70E+00
VF118PJ	2.22E-02	5.52E+00	-2.70E-01	5.81E+00	2.56E-05	0.00E+00	3.11E+02	5.35E-05	3.83E-03	4.17E-02	1.40E-02	3.97E+00	1.29E-07	9.83E-08	1.01E+01	7.11E-01	1.90E-02	6.32E-02	3.95E-02	1.60E+00	1.01E+02	4.62E+01	1.23E-07	1.60E-07	1.35E-02	9.90E-04	2.21E+00	4.73E+00	1.49E+02	6.78E-03	1.50E+02	1.56E+02	7.83E+00	0.00E+00	0.00E+00	7.91E-02	1.71E+00
VF118PJ1	2.69E-02	5.68E+00	-2.76E-01	6.00E+00	2.95E-05	0.00E+00	2.99E+02	5.50E-05	4.31E-03	4.67E-02	1.39E-02	3.68E+00	1.49E-07	9.78E-08	1.07E+01	7.90E-01	1.89E-02	6.35E-02	4.83E-02	1.75E+00	1.06E+02	4.65E+01	1.17E-07	1.56E-07	1.49E-02	1.05E-03	2.76E+00	4.91E+00	1.52E+02	7.78E-03	1.54E+02	1.59E+02	8.25E+00	0.00E+00	0.00E+00	6.72E-02	2.06E+00
VF118PM	2.79E-02	5.65E+00	-3.30E-01	6.00E+00	2.36E-05	0.00E+00	8.24E+02	4.72E-05	4.41E-03	4.78E-02	1.36E-02	4.57E+00	1.67E-07	1.26E-07	1.29E+01	6.26E-01	1.84E-02	6.24E-02	4.44E-02	1.77E+00	1.11E+02	4.98E+01	1.34E-07	1.70E-07	1.54E-02	1.03E-03	2.52E+00	5.68E+00	1.57E+02	8.02E-03	1.59E+02	1.72E+02	8.54E+00	0.00E+00	0.00E+00	6.80E-02	1.92E+00
VF118PP	2.66E-02	4.64E+00	-3.88E-01	5.03E+00	7.94E-05	0.00E+00	1.38E+03	3.32E-05	3.97E-03	4.14E-02	1.59E-02	5.92E+00	6.47E-08	1.42E-07	1.76E+01	7.12E-01	2.16E-02	6.77E-02	4.48E-02	1.96E+00	1.07E+02	3.44E+01	8.88E-08	1.66E-07	1.35E-02	1.16E-03	1.22E+00	6.40E+00	1.42E+02	7.43E-05	1.42E+02	1.49E+02	7.62E+00	0.00E+00	0.00E+00	5.52E-01	1.92E+00

VF118PR	2.97E-02	7.01E+00	-3.57E-01	7.30E+00	4.98E-04	0.00E+00	5.08E+02	5.11E-05	4.97E-03	5.29E-02	1.60E-02	5.60E+00	1.59E-07	1.05E-07	1.42E+01	2.23E+00	2.16E-02	5.52E-02	4.82E-02	3.16E+00	1.33E+02	5.60E+01	1.46E-07	1.84E-07	1.75E-02	1.65E-03	5.75E+00	6.56E+00	1.80E+02	8.83E-03	1.81E+02	1.93E+02	1.16E+01	0.00E+00	0.00E+00	4.12E-02	2.06E+00
VF118PS	3.15E-02	6.17E+00	-3.93E-01	6.56E+00	7.94E-05	0.00E+00	1.41E+03	3.43E-05	4.82E-03	5.07E-02	1.61E-02	6.03E+00	2.05E-07	1.52E-07	1.70E+01	8.49E-01	2.18E-02	6.76E-02	5.42E-02	1.85E+00	1.22E+02	5.47E+01	1.19E-07	1.90E-07	1.66E-02	1.10E-03	1.10E+00	6.49E+00	1.76E+02	7.74E-03	1.76E+02	1.84E+02	7.59E+00	0.00E+00	0.00E+00	3.90E-02	2.33E+00
VF118PT	9.11E-02	7.71E+00	-3.09E-01	8.02E+00	2.91E-05	0.00E+00	1.36E+03	4.36E-04	6.21E-03	6.68E-02	1.85E-02	5.00E+01	3.51E-06	9.42E-07	1.12E+02	1.84E+00	2.50E-02	1.86E-01	1.32E-01	2.51E+00	1.46E+02	5.53E+01	4.59E-07	6.25E-07	2.50E-02	1.22E-03	4.54E+00	6.38E+00	2.02E+02	8.27E-03	2.02E+02	2.13E+02	1.09E+01	0.00E+00	0.00E+00	0.00E+00	5.68E+00
VF118PY	3.01E-02	6.23E+00	-3.27E-01	6.58E+00	9.54E-05	0.00E+00	8.96E+02	5.75E-05	4.67E-03	5.01E-02	1.57E-02	5.02E+00	1.48E-07	1.25E-07	1.46E+01	7.56E-01	2.13E-02	6.54E-02	4.95E-02	1.87E+00	1.15E+02	5.30E+01	1.25E-07	1.82E-07	1.64E-02	1.11E-03	3.65E+00	5.69E+00	1.63E+02	6.04E-03	1.67E+02	1.74E+02	9.37E+00	0.00E+00	0.00E+00	6.81E-02	2.10E+00
VF118TA	2.68E-02	6.61E+00	-2.64E-01	6.82E+00	5.00E-04	0.00E+00	2.86E+02	5.94E-05	4.69E-03	5.02E-02	1.52E-02	4.37E+00	1.40E-07	1.03E-07	1.23E+01	2.09E+00	2.06E-02	5.29E-02	4.65E-02	2.83E+00	1.18E+02	5.29E+01	1.38E-07	1.74E-07	1.62E-02	1.56E-03	5.45E+00	5.68E+00	1.60E+02	7.37E-03	1.67E+02	1.76E+02	1.09E+01	0.00E+00	0.00E+00	9.66E-02	2.00E+00
VF118TD	2.64E-02	6.49E+00	-2.57E-01	6.73E+00	5.00E-04	0.00E+00	3.99E+02	5.60E-05	4.59E-03	4.92E-02	1.39E-02	4.45E+00	1.44E-07	1.04E-07	1.21E+01	1.98E+00	1.89E-02	5.22E-02	4.60E-02	2.80E+00	1.13E+02	4.88E+01	1.37E-07	1.75E-07	1.52E-02	1.54E-03	5.38E+00	4.98E+00	1.53E+02	6.73E-03	1.58E+02	1.67E+02	1.06E+01	0.00E+00	0.00E+00	9.94E-02	1.97E+00
VF118TES	3.02E-02	6.77E+00	-2.64E-01	7.00E+00	5.02E-04	0.00E+00	1.50E+03	4.61E-05	4.81E-03	5.14E-02	1.52E-02	7.04E+00	1.74E-07	1.46E-07	1.64E+01	2.20E+00	2.07E-02	8.93E-02	4.72E-02	2.88E+00	1.20E+02	5.03E+01	1.36E-07	1.86E-07	1.65E-02	1.60E-03	5.37E+00	5.69E+00	1.65E+02	4.30E-03	1.70E+02	1.81E+02	1.10E+01	0.00E+00	0.00E+00	1.92E-01	2.04E+00
VF118TF	2.31E-02	6.48E+00	-2.95E-01	6.72E+00	4.87E-04	0.00E+00	3.05E+02	5.45E-05	4.61E-03	4.91E-02	1.43E-02	4.39E+00	1.25E-07	1.03E-07	1.19E+01	1.91E+00	1.94E-02	5.13E-02	4.62E-02	2.46E+00	1.16E+02	5.19E+01	1.34E-07	1.80E-07	1.55E-02	1.55E-03	4.93E+00	5.66E+00	1.58E+02	8.02E-03	1.61E+02	1.74E+02	1.04E+01	0.00E+00	0.00E+00	8.90E-02	1.98E+00
VF118TJ	2.23E-02	6.33E+00	-2.35E-01	6.59E+00	4.86E-04	0.00E+00	1.12E+02	6.25E-05	4.44E-03	4.73E-02	1.42E-02	3.97E+00	1.57E-07	9.61E-08	1.15E+01	1.88E+00	1.92E-02	5.10E-02	4.42E-02	2.36E+00	1.12E+02	4.73E+01	1.22E-07	1.71E-07	1.49E-02	1.44E-03	4.71E+00	4.57E+00	1.53E+02	5.51E-03	1.56E+02	1.67E+02	9.48E+00	0.00E+00	0.00E+00	1.18E-01	1.91E+00
VF118TJ1	2.49E-02	6.44E+00	-2.29E-01	6.70E+00	4.90E-04	0.00E+00	1.07E+02	6.23E-05	4.58E-03	4.90E-02	1.42E-02	3.92E+00	1.56E-07	9.79E-08	1.15E+01	1.90E+00	1.92E-02	5.20E-02	4.46E-02	2.69E+00	1.13E+02	4.81E+01	1.22E-07	1.67E-07	1.51E-02	1.45E-03	5.20E+00	4.34E+00	1.54E+02	5.20E-03	1.57E+02	1.67E+02	8.58E+00	0.00E+00	0.00E+00	1.19E-01	1.93E+00
VF118TM	2.51E-02	6.47E+00	-2.38E-01	6.76E+00	4.89E-04	0.00E+00	6.45E+02	6.42E-05	4.58E-03	4.96E-02	1.43E-02	4.12E+00	2.06E-07	1.01E-07	1.15E+01	1.87E+00	1.93E-02	5.11E-02	4.48E-02	2.72E+00	1.13E+02	4.84E+01	1.31E-07	1.68E-07	1.53E-02	1.48E-03	5.19E+00	4.64E+00	1.55E+02	5.76E-03	1.58E+02	1.69E+02	9.83E+00	0.00E+00	0.00E+00	1.17E-01	1.94E+00
VF118TP	3.05E-02	6.73E+00	-2.65E-01	7.00E+00	5.00E-04	0.00E+00	1.63E+03	5.96E-05	4.80E-03	5.14E-02	1.54E-02	6.82E+00	1.41E-07	1.46E-07	1.62E+01	2.17E+00	2.10E-02	5.35E-02	4.72E-02	2.90E+00	1.22E+02	5.00E+01	1.39E-07	1.85E-07	1.65E-02	1.60E-03	5.52E+00	5.68E+00	1.65E+02	3.84E-03	1.70E+02	1.80E+02	1.11E+01	0.00E+00	0.00E+00	2.09E-01	2.02E+00
VF118TR	2.80E-02	6.90E+00	-2.56E-01	7.13E+00	4.99E-04	0.00E+00	5.31E+02	4.91E-05	4.83E-03	5.16E-02	1.56E-02	5.78E+00	1.48E-07	1.12E-07	1.38E+01	2.20E+00	2.11E-02	7.02E-02	4.73E-02	2.99E+00	1.26E+02	5.06E+01	1.46E-07	1.87E-07	1.67E-02	1.52E-03	5.80E+00	5.09E+00	1.72E+02	7.53E-03	1.73E+02	1.82E+02	1.08E+01	0.00E+00	0.00E+00	4.28E-02	2.03E+00
VF118TS	2.90E-02	6.77E+00	-8.50E-02	6.91E+00	5.01E-04	0.00E+00	1.45E+03	5.07E-05	4.80E-03	5.12E-02	1.54E-02	6.34E+00	1.68E-07	1.39E-07	1.41E+01	2.18E+00	2.10E-02	5.84E-02	4.56E-02	2.86E+00	1.16E+02	4.75E+01	1.28E-07	1.78E-07	1.62E-02	1.46E-03	5.67E+00	2.18E+00	1.61E+02	3.61E-03	1.65E+02	1.75E+02	8.58E+00	0.00E+00	0.00E+00	2.09E-01	1.97E+00
VF122PD	2.50E-02	6.05E+00	-3.93E-01	6.45E+00	8.60E-05	0.00E+00	2.71E+01	9.38E-05	4.63E-03	4.88E-02	1.63E-02	1.60E+00	2.89E-07	6.77E-08	7.56E+00	1.11E+00	2.21E-02	7.71E-02	5.01E-02	1.92E+00	1.14E+02	5.98E+01	8.63E-08	1.59E-07	1.57E-02	1.20E-03	3.14E+00	6.64E+00	1.74E+02	8.55E-03	1.74E+02	1.84E+02	9.78E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+00
VF122PF	2.74E-02	5.77E+00	-3.34E-01	6.21E+00	2.23E-05	0.00E+00	9.39E+02	5.89E-05	4.31E-03	4.79E-02	1.54E-02	4.54E+00	1.15E-07	1.02E-07	1.19E+01	8.86E-01	2.07E-02	1.06E-01	4.55E-02	1.93E+00	1.16E+02	5.12E+01	1.32E-07	1.98E-07	1.54E-02	1.24E-03	2.82E+00	6.08E+00	1.63E+02	7.54E-03	1.65E+02	1.76E+02	9.33E+00	0.00E+00	0.00E+00	1.44E-01	1.96E+00
VF122PJ	2.88E-02	5.95E+00	-8.44E-02	6.31E+00	2.34E-05	0.00E+00	6.49E+02	6.89E-05	4.57E-03	4.97E-02	1.66E-02	5.46E+00	1.16E-07	1.19E-07	1.40E+01	8.85E-01	2.23E-02	7.71E-02	6.07E-02	1.97E+00	1.15E+02	5.22E+01	1.36E-07	2.16E-07	1.62E-02	1.24E-03	3.60E+00	2.19E+00	1.66E+02	8.69E-03	1.64E+02	1.76E+02	7.81E+00	0.00E+00	0.00E+00	1.78E-01	2.62E+00
VF122PM	3.01E-02	6.22E+00	-3.34E-01	6.68E+00	2.21E-05	0.00E+00	9.70E+02	6.46E-05	4.74E-03	5.16E-02	1.65E-02	5.38E+00	1.68E-07	1.26E-07	1.53E+01	8.39E-01	2.21E-02	7.27E-02	6.01E-02	2.05E+00	1.21E+02	5.43E+01	1.31E-07	2.10E-07	1.68E-02	1.25E-03	3.36E+00	6.12E+00	1.73E+02	8.81E-03	1.72E+02	1.88E+02	9.58E+00	0.00E+00	0.00E+00	1.61E-01	2.59E+00
VF122PP	3.29E-02	5.60E+00	-4.29E-01	6.03E+00	7.94E-05	0.00E+00	1.85E+03	4.12E-05	4.70E-03	4.95E-02	1.80E-02	8.04E+00	7.46E-08	1.86E-07	2.17E+01	7.77E-01	2.44E-02	8.00E-02	5.39E-02	2.18E+00	1.34E+02	3.89E+01	1.08E-07	2.08E-07	1.60E-02	1.26E-03	3.40E+00	7.14E+00	1.73E+02	9.94E-05	1.73E+02	1.84E+02	1.05E+01	0.00E+00	0.00E+00	6.00E-01	2.31E+00
VF122PS	3.35E-02	6.17E+00	-2.67E-01	6.48E+00	8.54E-05	0.00E+00	1.41E+03	5.38E-05	4.79E-03	5.13E-02	1.56E-02	8.42E+00	2.09E-07	1.74E-07	1.79E+01	9.53E-01	2.15E-02	7.34E-02	5.81E-02	2.03E+00	1.17E+02	4.84E+01	1.52E-07	2.42E-07	1.71E-02	1.31E-03	3.83E+00	5.10E+00	1.70E+02	4.56E-03	1.67E+02	1.79E+02	9.56E+00	0.00E+00	0.00E+00	3.20E-01	2.50E+00
VF122TA	2.98E-02	6.86E+00	-2.47E-01	7.17E+00	7.00E-04	0.00E+00	4.31E+02	7.40E-05	4.98E-03	5.29E-02	1.64E-02	4.78E+00	1.33E-07	1.03E-07	1.41E+01	2.28E+00	2.17E-02	6.82E-02	5.75E-02	3.15E+00	1.25E+02	5.59E+01	1.40E-07	2.17E-07	1.72E-02	1.78E-03	5.92E+00	6.11E+00	1.75E+02	8.61E-03	1.75E+02	1.90E+02	1.19E+01	0.00E+00	0.00E+00	1.33E-01	2.45E+00
VF122TD	2.93E-02	6.83E+00	-2.45E-01	7.10E+00	6.93E-04	0.00E+00	5.04E+02	7.64E-05	4.97E-03	5.27E-02	1.63E-02	4.66E+00	1.36E-07	1.06E-07	1.40E+01	2.25E+00	2.21E-02	6.21E-02	5.73E-02	2.95E+00	1.25E+02	5.57E+01	1.40E-07	2.09E-07	1.72E-02	1.76E-03	5.73E+00	5.88E+00	1.75E+02	8.68E-03	1.75E+02	1.90E+02	1.15E+01	0.00E+00	0.00E+00	1.08E-01	2.45E+00
VF122TF	2.71E-02	6.79E+00	-2.57E-01	7.09E+00	5.18E-04	0.00E+00	3.57E+02	7.23E-05	4.78E-03	5.14E-02	1.57E-02	4.14E+00	1.23E-07	9.01E-08	1.16E+01	2.22E+00	2.12E-02	6.00E-02	4.73E-02	2.82E+00	1.20E+02	5.59E+01	1.34E-07	1.91E-07	1.63E-02	1.68E-03	5.60E+00	6.08E+00	1.67E+02	8.59E-03	1.70E+02	1.80E+02	1.12E+01	0.00E+00	0.00E+00	9.83E-02	2.03E+00
VF122TJ	2.88E-02	6.81E+00	-1.68E-01	7.03E+00	5.15E-04	0.00E+00	2.89E+02	7.67E-05	4.96E-03	5.26E-02	1.66E-02	5.00E+00	1.33E-07	1.04E-07	1.36E+01	2.21E+00	2.23E-02	6.80E-02	5.88E-02	2.93E+00	1.20E+02	5.12E+01	1.30E-07	2.14E-07	1.73E-02	1.60E-03	5.88E+00	3.81E+00	1.70E+02	7.03E-03	1.69E+02	1.82E+02	9.10E+00	0.00E+00	0.00E+00	1.39E-01	2.53E+00
VF122TM	3.02E-02	6.96E+00	-2.54E-01	7.30E+00	5.21E-04	0.00E+00	7.55E+02	7.71E-05	5.04E-03	5.38E-02	1.72E-02	4.99E+00	1.87E-07	1.08E-07	1.43E+01	2.26E+00	2.33E-02	7.00E-02	5.85E-02	3.11E+00	1.26E+02	5.61E+01	1.45E-07	2.17E-07	1.76E-02	1.77E-03	6.46E+00	6.12E+00	1.76E+02	9.49E-03	1.75E+02	1.92E+02	1.18E+01	0.00E+00	0.00E+00	1.51E-01	2.51E+00
VF122TP	3.45E-02	6.78E+00	-2.49E-01	7.09E+00	7.02E-04	0.00E+00	1.82E+03	6.41E-05	5.00E-03	5.31E-02	1.75E-02	8.02E+00	1.23E-07	2.02E-07	2.00E+01	2.29E+00	2.37E-02	7.23E-02	5.77E-02	3.24E+00	1.27E+02	4.99E+01	1.41E-07	2.29E-07	1.72E-02	1.80E-03	6.18E+00	6.11E+00	1.75E+02	3.88E-03	1.75E+02	1.90E+02	1.21E+01	0.00E+00	0.00E+00	2.89E-01	2.48E+00
VF122TS	3.37E-02	6.79E+00	-2.33E-01	7.05E+00	6.76E-04	0.00E+00	1.46E+03	5.38E-05	5.01E-03	5.30E-02	1.56E-02	8.56E+00	1.96E-07	1.82E-07	1.79E+01	2.26E+00	2.10E-02	8.11E-02	5.80E-02	3.14E+00	1.21E+02	4.83E+01	1.53E-07	2.51E-07	1.76E-02	1.67E-03	5.96E+00	5.13E+00	1.73E+02	4.69E-03	1.71E+02	1.85E+02	1.13E+01	0.00E+00	0.00E+00	2.27E-01	2.49E+00
VF212PA	3.08E-02	6.26E+00	-2.91E-01	6.59E+00	1.85E-04	0.00E+00	2.09E+02	6.62E-05	4.76E-03	5.17E-02	1.62E-02	1.48E+01	1.47E-07	1.27E-07	1.70E+01	1.15E+00	2.20E-02	7.57E-02	5.72E-02	2.65E+00	1.07E+02	5.30E+01	3.71E-07	3.92E-07	1.70E-02	1.57E-03	4.59E+00	5.69E+00	1.59E+02	5.51E-03	1.60E+02	1.63E+02	1.00E+01	0.00E+00	0.00E+00	1.57E-01	2.45E+00
VF212PD	2.88E-02	6.68E+00	-2.38E-01	6.92E+00	1.74E-04	0.00E+00	2.88E+01	9.64E-05	4.82E-03	5.16E-02	1.57E-02	1.15E+01	2.73E-07	8.88E-08	9.64E+00	1.36E+00	2.12E-02	8.19E-02	5.46E-02	2.82E+00	8.56E+01	5.90E+01	3.90E-07	3.96E-07	1.70E-02	1.72E-03	4.63E+00	4.90E+00	1.45E+02	9.14E-03	1.45E+02	1.54E+02	9.53E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+00
VF212PE	2.15E-02	4.84E+00	-2.49E-01	5.09E+00	1.92E-04	0.00E+00	2.43E+01	4.49E-05	3.77E-03	4.01E-02	1.56E-02	1.05E+01	1.22E-07	5.94E-08	3.89E+00	1.12E+00	2.11E-02	7.52E-02	4.07E-02	2.59E+00	6.85E+01	3.70E+01	3.49E-07	3.55E-07	1.30E-02	1.58E-03	4.45E+00	4.89E+00	1.06E+02	1.48E-04	1.06E+02	1.15E+02	9.34E+00	0.00E+00	0.00E+00	5.68E-01	1.75E+00
VF212PEB	1.64E-02	3.68E+00	-2.87E-01	3.97E+00	0.00E+00	0.00E+00	1.62E+01	1.48E-05	2.98E-03	3.16E-02	1.40E-02	9.95E+00	4.19E-08	3.81E-08	2.38E+00	4.65E-01	1.90E-02	6.67E-02	3.40E-02	1.44E+00	5.00E+01	3.15E+01	3.21E-07	3.17E-07	1.01E-02	8.80E-04	2.74E+00	4.73E+00	8.15E+01	1.38E-04	8.15E+01	8.90E+01	7.47E+00	0.00E+00	0.00E+00	5.68E-01	1.46E+00
VF212PEH	2.92E-02	7.00E+00	-2.42E-01	7.24E+00	1.92E-04	0.00E+00	7.97E+02	5.72E-05	5.04E-03	5.39E-02	1.59E-02	1.05E+01	1.27E-07	7.53E-08	4.10E+00	1.31E+00	2.15E-02	7.87E-02	5.18E-02	2.90E+00	9.04E+01	6.00E+01	3.88E-07	3.98E-07	1.78E-02	1.79E-03	4.76E+00	4.94E+00	1.50E+02	8.98E-03	1.50E+02	1.60E+02	9.69E+00	0.00E+00	0.00E+00	0.00E+00	2.22E+00
VF212PF	2.50E-02	5.68E+00	-8.58E-02	5.85E+00	1.85E-05	0.00E+00	6.90E+01	5.89E-05	4.31E-03	4.65E-02	1.42E-02	1.15E+01	1.59E-07	1.15E-07	1.20E+01	6.60E-01	1.93E-02	6.93E-02	4.30E-02	1.68E+00	9.54E+01	4.62E+01	3.36E-07	3.05E-07	1.48E-02	1.05E-03	3.45E+00	2.03E+00	1.47E+02	7.41E-03	1.46E+02	1.48E+02	7.09E+00	0.00E+00	0.00E+00	1.29E-01	1.87E+00
VF212PJ	2.79E-02	6.28E+00	-1.88E-01	6.57E+00	2.01E-05	0.00E+00	7.67E+01	6.72E-05	4.56E-03	4.93E-02	1.57E-02	1.17E+01	1.81E-07	1.10E-07	1.27E+01	7.59E-01	2.13E-02	7.20E-02	5.00E-02	1.84E+00	1.00E+02	4.70E+01	3.41E-07	3.32E-07	1.61E-02	1.17E-03	3.75E+00	3.71E+00	1.50E+02	8.34E-03	1.50E+02	1.52E+02	7.80E+00	0.00E+00	0.00E+00	1.27E-01	2.15E+00
VF212PM	2.80E-02	6.28E+00	-2.16E-01	6.57E+00	1.73E-05	0.00E+00	6.49E+02	6.84E-05	4.58E-03	4.97E-02	1.57E-02	1.16E+01	1.91E-07	1.28E-07	1.33E+01	6.11E-01	2.13E-02	7.08E-02	4.50E-02	1.83E+00	9.86E+01	4.65E+01	3.47E-07	3.35E-07	1.61E-02	1.13E-03	3.58E+00	3.90E+00	1.51E+02	7.90E-03	1.50E+02	1.54E+02	7.65E+00	0.00E+00	0.00E+00	1.37E-01	1.96E+00
VF212PP	3.64E-02	6.14E+00	-2.83E-01	6.43E+00	1.70E-04	0.00E+00	1.85E+03	4.35E-05	4.85E-03	5.19E-02	1.74E-02	1.80E+01	5.86E-08	2.06E-07	2.38E+01	1.01E+00	2.35E-02	8.47E-02	5.76E-02	2.75E+00	1.05E+02	3.83E+01	4.07E-07	4.42E-07	1.71E-02	1.56E-03	4.91E+00	5.40E+00	1.43E+02	2.26E-04	1.43E+02	1.53E+02	1.03E+01	0.00E+00	0.00E+00	5.92E-01	2.47E+00
VF212PR	2.92E-02	7.06E+00	-2.24E-01	7.33E+00	6.79E-04	0.00E+00	7.14E+02	5.53E-05	5.12E-03	5.46E-02	1.80E-02	1.26E+01	1.49E-07	1.24E-07	1.61E+01	2.47E+00	2.43E-02	8.30E-02	6.22E-02	3.44E+00	1.38E+02	5.07E+01	2.70E-07	3.61E-07	1.84E-02	1.67E-03	6.67E+00	4.96E+00	1.80E+02	6.67E-03	1.79E+02	1.92E+02	1.17E+01	0.00E+00	0.00E+00	5.64E-02	2.66E+00
VF212PS	3.48E-02	6.48E+00	-2.79E-01	6.76E+00	1.70E-04	0.00E+00	1.20E+03	3.34E-05	4.83E-03	5.18E-02	1.42E-02	1.59E+01	2.09E-07	1.68E-07	1.76E+01	1.00E+00	1.92E-02	7.80E-02	5.53E-02	2.53E+00	1.04E+02	4.72E+01	3.95E-07	4.28E-07	1.69E-02	1.47E-03	4.66E+00	5.13E+00	1.51E+02	2.04E-04	1.51E+02	1.61E+02	9.79E+00	0.00E+00	0.00E+00	2.41E-02	2.38E+00
VF212PT	1.28E-01	9.82E+00	-1.61E-01	9.99E+00	5.98E-05	0.00E+00	1.37E+03	9.26E-04	7.85E-03	8.62E-02	2.10E-02	7.95E+01	4.59E-06	1.37E-06	1.60E+02	3.20E+00	2.84E-02	2.59E-01	1.83E-01	3.88E+00	1.51E+02	6.03E+01	8.72E-07	1.05E-06	3.26E-02	1.96E-03	9.46E+00	5.46E+00	2.11E+02	9.84E-03	2.11E+02	2.26E+02	1.49E+01	0.00E+00	0.00E+00	0.00E+00	7.84E+00
VF212PY	3.54E-02	6.37E+00	-2.94E-01	6.68E+00	1.84E-04	0.00E+00	9.01E+02	6.05E-05	4.85E-03	5.23E-02	1.74E-02	1.50E+01	1.14E-07	1.85E-07	2.05E+01	1.19E+00	2.35E-02	8.46E-02	5.90E-02	2.71E+00	1.09E+02	5.37E+01	3.75E-07	4.20E-07	1.72E-02	1.57E-03	4.85E+00	5.73E+00	1.59E+02	5.09E-03	1.60E+02	1.65E+02	1.06E+01	0.00E+00	0.00E+00	2.06E-01	2.54E+00
VF212PZB	1.14E-02	2.53E+00	-4.76E-01	3.01E+00	0.00E+00	0.00E+00	1.68E+01	1.42E-05	2.61E-03	2.67E-02	1.38E-02	3.94E-02	6.37E-08	1.53E-08	4.51E+00	4.55E-01	1.86E-02	1.91E-02	2.29E-02	1.07E+00	2.84E+01	3.15E+01	2.97E-08	7.85E-08	8.01E-03	6.78E-04	2.11E+00	7.03E+00	5.98E+01	9.94E-07	5.98E+01	6.90E+01	9.14E+00	0.00E+00	0.00E+00	5.68E-01	9.84E-01
VF212PZC	2.58E-02	4.95E+00	-2.92E-01	5.31E+00	1.80E-04	0.00E+00	7.30E+02	5.32E-05	3.61E-03	3.82E-02	1.28E-02	1.23E+01	1.31E-07	1.24E-07	1.45E+01	9.10E-01	1.73E-02	5.93E-02	4.47E-02	1.72E+00	9.97E+01	4.45E+01	3.33E-07	3.42E-07	1.29E-02	9.29E-04	3.49E+00	5.52E+00	1.51E+02	4.18E-03	1.48E+02	1.52E+02	8.38E+00	0.00E+00	0.00E+00	1.34E-01	1.92E+00
VF212PZG	3.56E-02	6.23E+00	-3.05E-01	6.57E+00	1.72E-05	0.00E+00	8.82E+02	5.17E-05	4.81E-03	5.19E-02	1.75E-02	1.39E+01	1.20E-07	1.81E-07	2.02E+01	7.89E-01	2.36E-02	7.95E-02	6.30E-02	2.10E+00	1.20E+02	5.14E+01	1.62E-07	3.75E-07	1.68E-02	1.37E-03	4.18E+00	5.70E+00	1.73E+02	4.25E-03	1.69E+02	1.76E+02	1.00E+01	0.00E+00	0.00E+00	1.57E-01	2.73E+00
VF212TA	2.93E-02	6.78E+00	-2.31E-01	6.96E+00	6.72E-04	0.00E+00	5.60E+01	8.25E-05	4.92E-03	5.24E-02	1.63E-02	1.21E+01	2.06E-07	1.02E-07	1.53E+01	2.29E+00	2.21E-02	6.50E-02	5.61E-02	3.01E+00	1.10E+02	4.91E+01	3.47E-07	3.42E-07	1.76E-02	1.68E-03	5.81E+00	5.09E+00	1.56E+02	4.14E-03	1.56E+02	1.68E+02	1.12E+01	0.00E+00	0.00E+00	1.58E-01	2.42E+00
VF212TD	3.05E-02	6.87E+00	-2.36E-01	7.04E+00	6.73E-04	0.00E+00	3.22E+02	6.71E-05	4.98E-03	5.32E-02	1.62E-02	1.47E+01	1.68E-07	1.15E-07	1.66E+01	2.31E+00	2.20E-02	6.30E-02	5.69E-02	3.06E+00	1.13E+02	4.99E+01	3.71E-07	3.61E-07	1.76E-02	1.78E-03	5.92E+00	5.28E+00	1.56E+02	4.75E-03	1.58E+02	1.71E+02	1.15E+01	0.00E+00	0.00E+00	1.40E-01	2.44E+00
VF212TE	2.68E-02	6.63E+00	-2.41E-01	6.72E+00	6.71E-04	0.00E+00	1.95E+02	5.03E-05	4.57E-03	4.75E-02	1.59E-02	1.28E+01	1.19E-07	8.46E-08	5.93E+00	2.15E+00	2.15E-02	5.56E-02	4.70E-02	3.00E+00	7.98E+01	5.16E+01	3.41E-07	3.20E-07	1.60E-02	1.60E-03	5.63E+00	5.62E+00	1.19E+02	4.42E-03	1.21E+02	1.34E+02	1.14E+01	0.00E+00	0.00E+00	2.56E-01	2.01E+00
VF212TF	2.83E-02	6.64E+00	-2.51E-01	6.88E+00	5.00E-04	0.00E+00	2.32E+02	6.42E-05	4.74E-03	5.10E-02	1.54E-02	1.39E+01	1.58E-07	1.12E-07	1.45E+01	2.22E+00	2.08E-02	9.67E-02	4.80E-02	2.88E+00	1.10E+02	5.22E+01	3.60E-07	3.27E-07	1.64E-02	1.65E-03	5.56E+00	5.56E+00	1.55E+02	6.57E-03	1.56E+02	1.65E+02	1.06E+01	0.00E+00	0.00E+00	1.20E-01	2.07E+00
VF212TJ	2.96E-02	6.81E+00	-1.68E-01	6.99E+00	4.99E-04	0.00E+00	4.99E+01	7.70E-05	4.90E-03	5.23E-02	1.60E-02	1.16E+01	1.87E-07	1.03E-07	1.48E+01	2.21E+00	2.17E-02	6.78E-02	5.22E-02	2.92E+00	1.12E+02	4.91E+01	3.28E-07	3.30E-07	1.75E-02	1.60E-03	5.84E+00	3.68E+00	1.58E+02	5.33E-03	1.56E+02	1.69E+02	8.93E+00	0.00E+00	0.00E+00	1.49E-01	2.24E+00
VF212TM	3.14E-02	6.98E+00	-2.49E-01	7.25E+00	5.05E-04	0.00E+00	7.08E+02	7.38E-05	5.07E-03	5.41E-02	1.64E-02	1.42E+01	2.02E-07	1.24E-07	1.70E+01	2.26E+00	2.21E-02	6.55E-02	5.83E-02	3.04E+00	1.16E+02	5.49E+01	3.67E-07	3.65E-07	1.79E-02	1.74E-03	6.34E+00	5.69E+00	1.64E+02	7.05E-03	1.63E+02	1.76E+02	1.12E+01	0.00E+00	0.00E+00	1.36E-01	2.51E+00
VF212TP	3.67E-02	6.68E+00	-2.34E-01	6.92E+00	6.68E-04	0.00E+00	1.86E+03	4.90E-05	5.07E-03	5.42E-02	1.78E-02	1.80E+01	5.90E-08	2.14E-07	2.41E+01	2.21E+00	2.40E-02	8.52E-02	5.52E-02	3.52E+00	1.23E+02	3.61E+01	4.31E-07	4.46E-07	1.77E-02	1.92E-03	6.68E+00	5.43E+00	1.59E+02	2.26E-04	1.59E+02	1.71E+02	1.21E+01	0.00E+00	0.00E+00	5.92E-01	2.37E+00
VF212TR	2.90E-02	7.06E+00	-2.28E-01	7.32E+00	6.79E-04	0.00E+00	7.11E+02	5.54E-05	5.11E-03	5.45E-02	1.79E-02	1.27E+01	1.50E-07	1.23E-07	1.60E+01	2.47E+00	2.43E-02	8.30E-02	6.19E-02	3.45E+00	1.38E+02	5.06E+01	2.72E-07	3.62E-07	1.84E-02	1.67E-03	6.67E+00	5.04E+00	1.82E+02	6.67E-03	1.79E+02	1.92E+02	1.24E+01	0.00E+00	0.00E+00	5.64E-02	2.65E+00
VF212TS	3.39E-02	6.80E+00	-2.04E-01	7.04E+00	6.78E-04	0.00E+00	1.39E+03	5.13E-05	5.03E-03	5.35E-02	1.55E-02	1.35E+01	1.86E-07	1.81E-07	1.81E+01	2.33E+00	2.14E-02	6.56E-02	5.77E-02	3.10E+00	1.15E+02	4.63E+01	3.59E-07	3.96E-07	1.79E-02	1.67E-03	5.97E+00	4.04E+00	1.57E+02	4.33E-03	1.57E+02	1.72E+02	9.32E+00	0.00E+00	0.00E+00	2.58E-01	2.46E+00
VF212TY	3.53E-02	6.94E+00	-2.39E-01	7.15E+00	6.83E-04	0.00E+00	9.49E+02	6.91E-05	5.03E-03	5.36E-02	1.77E-02	1.48E+01	1.41E-07	1.89E-07	2.02E+01	2.42E+00	2.40E-02	8.09E-02	5.82E-02	3.33E+00	1.20E+02	5.47E+01	3.76E-07	3.97E-07	1.77E-02	1.83E-03	6.52E+00	5.72E+00	1.64E+02	4.29E-03	1.64E+02	1.78E+02	1.24E+01	0.00E+00	0.00E+00	1.94E-01	2.50E+00
VF218PA	3.30E-02	8.11E+00	-4.34E-01	8.54E+00	1.92E-04	0.00E+00	6.95E+01	1.13E-04	5.89E-03	6.25E-02	2.13E-02	3.83E+00	3.73E-07	1.44E-07	1.85E+01	1.50E+00	2.89E-02	1.17E-01	6.38E-02	2.91E+00	1.76E+02	6.69E+01	1.44E-07	2.31E-07	2.05E-02	1.78E-03	5.05E+00	7.64E+00	2.34E+02	7.46E-03	2.34E+02	2.47E+02	1.28E+01	0.00E+00	0.00E+00	3.56E-01	2.73E+00
VF218PD	3.42E-02	8.23E+00	-4.34E-01	8.67E+00	1.86E-04	0.00E+00	3.64E+01	1.47E-04	6.11E-03	6.47E-02	2.08E-02	2.73E+00	4.66E-07	1.06E-07	1.41E+01	1.66E+00	2.82E-02	1.20E-01	6.84E-02	2.88E+00	1.73E+02	7.44E+01	1.21E-07	2.18E-07	2.11E-02	1.78E-03	4.90E+00	7.79E+00	2.48E+02	1.11E-02	2.48E+02	2.60E+02	1.27E+01	0.00E+00	0.00E+00	0.00E+00	2.94E+00
VF218PEH	3.65E-02	8.52E+00	-4.43E-01	8.82E+00	1.93E-04	0.00E+00	2.04E+03	6.33E-05	6.38E-03	6.53E-02	2.14E-02	9.14E+00	3.54E-07	1.84E-07	1.95E+01	1.40E+00	2.90E-02	1.23E-01	6.48E-02	3.53E+00	1.78E+02	6.05E+01	1.42E-07	2.35E-07	2.12E-02	2.17E-03	5.02E+00	7.81E+00	2.37E+02	3.29E-03	2.35E+02	2.46E+02	1.32E+01	0.00E+00	0.00E+00	4.26E-01	2.79E+00
VF218PES	3.22E-02	6.70E+00	-4.75E-01	7.17E+00	1.97E-04	0.00E+00	9.80E+02	3.55E-05	5.43E-03	5.72E-02	2.20E-02	4.46E+00	3.57E-07	1.32E-07	1.58E+01	1.23E+00	2.98E-02	1.11E-01	5.90E-02	2.95E+00	1.75E+02	4.80E+01	1.09E-07	2.09E-07	1.84E-02	1.80E-03	4.97E+00	8.26E+00	2.23E+02	6.79E-05	2.23E+02	2.37E+02	1.32E+01	0.00E+00	0.00E+00	7.45E-01	2.54E+00
VF218PF	2.98E-02	6.67E+00	-2.67E-01	6.94E+00	2.86E-05	0.00E+00	3.28E+02	8.15E-05	4.83E-03	5.32E-02	1.84E-02	5.42E+00	3.46E-07	1.20E-07	1.59E+01	9.73E-01	2.48E-02	1.06E-01	6.93E-02	2.19E+00	1.59E+02	5.94E+01	1.38E-07	2.27E-07	1.72E-02	1.39E-03	4.99E+00	5.25E+00	2.12E+02	5.62E-03	2.16E+02	2.24E+02	1.20E+01	0.00E+00	0.00E+00	2.81E-01	2.98E+00
VF218PJ	3.09E-02	7.36E+00	-4.40E-01	7.69E+00	2.62E-05	0.00E+00	4.92E+02	6.90E-05	5.52E-03	5.99E-02	1.97E-02	4.95E+00	3.23E-07	1.45E-07	1.92E+01	1.12E+00	2.67E-02	1.12E-01	6.89E-02	2.36E+00	1.57E+02	6.51E+01	1.62E-07	2.39E-07	1.96E-02	1.52E-03	4.79E+00	7.41E+00	2.11E+02	6.83E-03	2.15E+02	2.23E+02	1.20E+01	0.00E+00	0.00E+00	2.83E-01	2.97E+00
VF218PJ1	3.12E-02	8.07E+00	-2.75E-01	8.34E+00	2.82E-05	0.00E+00	3.79E+02	8.44E-05	5.86E-03	6.34E-02	2.07E-02	5.27E+00	3.27E-07	1.39E-07	1.87E+01	1.26E+00	2.81E-02	1.07E-01	6.94E-02	2.49E+00	1.62E+02	6.14E+01	1.52E-07	2.22E-07	2.03E-02	1.70E-03	4.88E+00	5.66E+00	2.26E+02	6.85E-03	2.26E+02	2.37E+02	1.09E+01	0.00E+00	0.00E+00	2.84E-01	2.98E+00
VF218PM	3.10E-02	8.40E+00	-2.66E-01	8.71E+00	2.71E-05	0.00E+00	6.83E+02	8.72E-05	6.15E-03	6.46E-02	2.06E-02	5.58E+00	3.32E-07	1.51E-07	1.82E+01	1.17E+00	2.79E-02	1.07E-01	7.11E-02	2.52E+00	1.65E+02	6.09E+01	1.45E-07	2.34E-07	2.05E-02	1.69E-03	4.70E+00	5.52E+00	2.37E+02	8.70E-03	2.35E+02	2.44E+02	1.21E+01	0.00E+00	0.00E+00	2.95E-01	3.07E+00
VF218PP	4.16E-02	7.45E+00	-4.78E-01	7.93E+00	1.79E-04	0.00E+00	2.06E+03	4.66E-05	6.03E-03	6.37E-02	2.27E-02	9.50E+00	8.66E-08	2.25E-07	2.89E+01	1.18E+00	3.07E-02	1.18E-01	6.95E-02	3.06E+00	1.95E+02	4.80E+01	1.35E-07	2.64E-07	2.07E-02	1.79E-03	5.07E+00	8.32E+00	2.43E+02	1.23E-04	2.43E+02	2.56E+02	1.34E+01	0.00E+00	0.00E+00	7.45E-01	2.99E+00
VF218PR	3.83E-02	9.52E+00	-3.52E-01	9.96E+00	8.68E-04	0.00E+00	4.74E+02	8.63E-05	7.05E-03	7.27E-02	2.31E-02	5.81E+00	1.62E-07	1.40E-07	1.74E+01	3.27E+00	3.13E-02	1.10E-01	7.71E-02	4.64E+00	2.44E+02	7.96E+01	1.56E-07	2.77E-07	2.39E-02	2.48E-03	8.20E+00	7.96E+00	3.16E+02	1.18E-02	3.08E+02	3.19E+02	1.43E+01	0.00E+00	0.00E+00	4.54E-02	3.30E+00
VF218PS	3.65E-02	8.16E+00	-4.35E-01	8.56E+00	1.92E-04	0.00E+00	1.82E+03	5.52E-05	5.96E-03	6.43E-02	2.20E-02	8.32E+00	3.34E-07	1.75E-07	1.99E+01	1.39E+00	2.97E-02	1.21E-01	6.43E-02	2.92E+00	1.77E+02	6.09E+01	1.44E-07	2.33E-07	2.09E-02	1.78E-03	4.99E+00	7.82E+00	2.36E+02	1.39E-03	2.36E+02	2.49E+02	1.30E+01	0.00E+00	0.00E+00	5.10E-01	2.78E+00
VF218PT	1.61E-01	1.26E+01	-3.40E-01	1.29E+01	8.52E-05	0.00E+00	1.39E+03	1.31E-03	1.00E-02	1.09E-01	2.78E-02	9.11E+01	8.96E-06	1.75E-06	2.05E+02	4.15E+00	3.77E-02	3.46E-01	2.36E-01	4.75E+00	2.57E+02	7.58E+01	8.12E-07	1.12E-06	4.12E-02	2.04E-03	1.35E+01	8.51E+00	3.33E+02	1.21E-02	3.33E+02	3.55E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	1.01E+01
VF218PY	4.30E-02	8.50E+00	-4.34E-01	8.87E+00	1.95E-04	0.00E+00	1.08E+03	1.14E-04	6.26E-03	6.80E-02	2.30E-02	6.44E+00	3.01E-07	2.05E-07	2.29E+01	1.45E+00	3.11E-02	1.17E-01	7.56E-02	2.91E+00	1.80E+02	7.93E+01	1.48E-07	2.68E-07	2.23E-02	1.79E-03	5.05E+00	7.83E+00	2.40E+02	7.16E-03	2.38E+02	2.53E+02	1.30E+01	0.00E+00	0.00E+00	3.08E-01	3.23E+00
VF218PZB	1.57E-02	4.11E+00	-3.27E-01	4.30E+00	5.76E-06	0.00E+00	1.13E+02	3.74E-05	3.09E-03	3.32E-02	1.29E-02	1.08E+01	2.22E-07	3.25E-08	3.88E+00	8.94E-01	1.74E-02	3.69E-02	3.14E-02	1.41E+00	5.78E+01	4.48E+01	1.26E-07	2.29E-07	1.09E-02	1.31E-03	7.98E-01	5.99E+00	1.07E+02	6.81E-03	1.12E+02	1.17E+02	8.57E+00	0.00E+00	0.00E+00	2.54E-01	1.35E+00
VF218PZG	4.24E-02	8.81E+00	-4.39E-01	9.16E+00	2.18E-05	0.00E+00	1.19E+03	1.01E-04	6.33E-03	6.88E-02	2.30E-02	8.86E+00	2.24E-07	2.05E-07	2.22E+01	1.17E+00	3.11E-02	1.11E-01	7.76E-02	2.52E+00	1.68E+02	7.19E+01	1.20E-07	3.59E-07	2.29E-02	1.72E-03	4.66E+00	7.79E+00	2.32E+02	6.27E-03	2.29E+02	2.45E+02	1.26E+01	0.00E+00	0.00E+00	2.72E-01	3.34E+00
VF218TA	3.22E-02	8.56E+00	-3.46E-01	9.01E+00	8.65E-04	0.00E+00	1.03E+02	1.16E-04	6.17E-03	6.52E-02	2.20E-02	3.78E+00	1.98E-07	1.34E-07	1.74E+01	3.27E+00	2.97E-02	1.06E-01	6.54E-02	4.56E+00	1.79E+02	6.63E+01	1.50E-07	2.22E-07	2.12E-02	2.51E-03	8.27E+00	7.67E+00	2.39E+02	9.30E-03	2.38E+02	2.51E+02	1.42E+01	0.00E+00	0.00E+00	1.48E-01	2.80E+00
VF218TD	3.10E-02	8.21E+00	-2.41E-01	8.64E+00	8.34E-04	0.00E+00	1.88E+02	1.17E-04	6.09E-03	6.42E-02	2.08E-02	4.46E+00	1.88E-07	1.27E-07	1.73E+01	3.22E+00	2.82E-02	1.00E-01	6.23E-02	4.21E+00	1.72E+02	6.49E+01	1.47E-07	2.28E-07	2.07E-02	2.47E-03	8.29E+00	6.22E+00	2.37E+02	9.31E-03	2.36E+02	2.50E+02	1.35E+01	0.00E+00	0.00E+00	1.53E-01	2.67E+00
VF218TES	3.98E-02	8.62E+00	-3.56E-01	9.01E+00	8.62E-04	0.00E+00	1.80E+03	5.81E-05	6.35E-03	6.80E-02	2.22E-02	7.93E+00	2.01E-07	1.96E-07	1.95E+01	3.20E+00	3.00E-02	1.11E-01	6.49E-02	4.60E+00	1.78E+02	6.19E+01	1.48E-07	2.44E-07	2.22E-02	2.50E-03	8.22E+00	7.85E+00	2.37E+02	3.79E-03	2.36E+02	2.48E+02	1.42E+01	0.00E+00	0.00E+00	2.69E-01	2.78E+00
VF218TF	2.94E-02	7.49E+00	-2.33E-01	7.83E+00	7.12E-04	0.00E+00	7.80E+01	1.07E-04	5.48E-03	5.97E-02	1.91E-02	4.59E+00	2.01E-07	1.20E-07	1.67E+01	2.81E+00	2.58E-02	9.58E-02	6.51E-02	3.13E+00	1.60E+02	5.96E+01	1.37E-07	2.21E-07	1.97E-02	1.78E-03	7.91E+00	5.39E+00	2.16E+02	7.84E-03	2.18E+02	2.26E+02	1.29E+01	0.00E+00	0.00E+00	1.43E-01	2.78E+00
VF218TJ	2.89E-02	7.37E+00	-1.68E-01	7.69E+00	7.11E-04	0.00E+00	7.63E+01	1.06E-04	5.37E-03	5.85E-02	1.88E-02	4.61E+00	1.86E-07	1.18E-07	1.53E+01	2.81E+00	2.54E-02	1.01E-01	6.49E-02	3.14E+00	1.59E+02	5.87E+01	1.40E-07	2.17E-07	1.94E-02	1.75E-03	7.98E+00	3.83E+00	2.16E+02	1.04E-02	2.17E+02	2.26E+02	1.19E+01	0.00E+00	0.00E+00	1.61E-01	2.77E+00
VF218TJ1	3.17E-02	8.63E+00	-2.44E-01	9.05E+00	7.54E-04	0.00E+00	1.88E+02	1.03E-04	6.19E-03	6.58E-02	2.16E-02	4.46E+00	1.82E-07	1.27E-07	1.71E+01	2.89E+00	2.93E-02	1.03E-01	6.56E-02	3.47E+00	1.72E+02	6.56E+01	1.53E-07	2.25E-07	2.15E-02	1.96E-03	7.98E+00	6.22E+00	2.38E+02	9.57E-03	2.37E+02	2.50E+02	1.33E+01	0.00E+00	0.00E+00	1.34E-01	2.79E+00

VF218TM	2.98E-02	8.59E+00	-1.65E-01	8.99E+00	7.47E-04	0.00E+00	6.27E+02	1.09E-04	6.20E-03	6.53E-02	2.06E-02	4.58E+00	2.14E-07	1.30E-07	1.62E+01	2.82E+00	2.79E-02	1.01E-01	6.52E-02	3.51E+00	1.68E+02	6.13E+01	1.46E-07	2.21E-07	2.07E-02	1.85E-03	8.19E+00	3.77E+00	2.40E+02	1.06E-02	2.38E+02	2.47E+02	1.23E+01	0.00E+00	0.00E+00	1.53E-01	2.79E+00
VF218TP	4.03E-02	8.52E+00	-3.54E-01	9.04E+00	8.59E-04	0.00E+00	1.95E+03	8.63E-05	6.53E-03	7.00E-02	2.23E-02	7.83E+00	1.84E-07	2.15E-07	2.15E+01	3.16E+00	3.02E-02	1.07E-01	7.15E-02	4.64E+00	1.80E+02	6.16E+01	1.60E-07	2.63E-07	2.30E-02	2.51E-03	8.23E+00	7.77E+00	2.41E+02	3.59E-03	2.39E+02	2.51E+02	1.41E+01	0.00E+00	0.00E+00	2.88E-01	3.07E+00
VF218TR	3.82E-02	9.52E+00	-2.50E-01	9.96E+00	8.60E-04	0.00E+00	4.78E+02	8.57E-05	7.03E-03	7.28E-02	2.31E-02	6.26E+00	1.59E-07	1.30E-07	1.69E+01	3.25E+00	3.12E-02	9.80E-02	7.69E-02	4.33E+00	2.41E+02	7.69E+01	1.58E-07	2.72E-07	2.37E-02	2.44E-03	8.24E+00	6.72E+00	3.14E+02	1.18E-02	3.08E+02	3.20E+02	1.41E+01	0.00E+00	0.00E+00	4.64E-02	3.27E+00
VF218TS	4.97E-02	1.04E+01	-8.55E-02	1.08E+01	8.25E-04	0.00E+00	1.77E+03	6.81E-05	7.96E-03	8.51E-02	2.49E-02	7.95E+00	2.06E-07	2.03E-07	1.93E+01	3.17E+00	3.36E-02	1.07E-01	8.23E-02	4.16E+00	2.23E+02	7.36E+01	1.50E-07	2.81E-07	2.60E-02	2.27E-03	8.33E+00	2.31E+00	3.14E+02	7.94E-03	3.18E+02	3.37E+02	1.54E+01	0.00E+00	0.00E+00	2.80E-01	3.52E+00
VF312ICT	2.85E-02	7.34E+00	-6.80E-01	8.02E+00	0.00E+00	0.00E+00	8.95E+02	4.19E-05	6.32E-03	6.74E-02	3.27E-02	9.33E-02	1.03E-07	4.35E-08	6.42E+00	1.25E+00	4.43E-02	4.43E-02	5.97E-02	2.56E+00	8.25E+01	8.61E+01	6.52E-08	2.08E-07	2.01E-02	1.67E-03	1.23E+01	1.11E+01	1.69E+02	2.59E-06	1.69E+02	1.92E+02	2.35E+01	0.00E+00	0.00E+00	1.39E+00	2.56E+00
VF312PA	3.13E-02	8.55E+00	-4.11E-01	8.99E+00	2.68E-04	0.00E+00	6.46E+01	8.88E-05	6.08E-03	6.48E-02	2.20E-02	1.71E+01	2.35E-07	1.18E-07	1.61E+01	1.61E+00	2.97E-02	1.12E-01	6.46E-02	3.41E+00	1.49E+02	6.88E+01	5.19E-07	5.30E-07	2.20E-02	1.96E-03	5.42E+00	6.96E+00	2.30E+02	8.54E-03	2.27E+02	2.39E+02	1.28E+01	0.00E+00	0.00E+00	3.69E-01	2.76E+00
VF312PD	3.68E-02	8.79E+00	-2.74E-01	9.06E+00	2.65E-04	0.00E+00	3.78E+01	1.10E-04	6.23E-03	6.67E-02	2.06E-02	1.66E+01	2.98E-07	1.10E-07	1.19E+01	1.86E+00	2.78E-02	1.12E-01	7.25E-02	3.84E+00	1.13E+02	7.74E+01	5.60E-07	5.53E-07	2.21E-02	2.35E-03	5.73E+00	5.98E+00	1.90E+02	1.14E-02	1.90E+02	2.02E+02	1.17E+01	0.00E+00	0.00E+00	0.00E+00	3.12E+00
VF312PE	2.81E-02	6.55E+00	-2.85E-01	6.84E+00	2.83E-04	0.00E+00	3.23E+01	5.12E-05	4.95E-03	5.28E-02	2.05E-02	1.55E+01	1.31E-07	7.68E-08	4.23E+00	1.56E+00	2.77E-02	1.05E-01	5.59E-02	3.59E+00	9.21E+01	5.07E+01	5.11E-07	5.05E-07	1.72E-02	2.19E-03	5.52E+00	5.97E+00	1.43E+02	2.17E-04	1.43E+02	1.54E+02	1.15E+01	0.00E+00	0.00E+00	6.94E-01	2.40E+00
VF312PEB	2.19E-02	5.02E+00	-3.40E-01	5.36E+00	0.00E+00	0.00E+00	2.11E+01	1.94E-05	3.93E-03	4.17E-02	1.82E-02	1.49E+01	5.07E-08	5.32E-08	2.62E+00	6.25E-01	2.47E-02	9.52E-02	4.72E-02	1.91E+00	6.77E+01	4.27E+01	4.74E-07	4.58E-07	1.35E-02	1.17E-03	3.28E+00	5.75E+00	1.10E+02	2.07E-04	1.10E+02	1.19E+02	9.03E+00	0.00E+00	0.00E+00	6.94E-01	2.03E+00
VF312PEBH	1.16E-02	3.22E+00	-8.54E-02	3.42E+00	5.56E-06	0.00E+00	8.60E+02	3.49E-05	2.36E-03	2.50E-02	8.66E-03	6.19E+00	2.14E-07	3.56E-08	3.87E+00	8.57E-01	1.17E-02	6.00E-02	2.69E-02	1.57E+00	5.08E+01	2.75E+01	3.48E-07	2.56E-07	7.70E-03	1.50E-03	1.73E+00	1.69E+00	8.04E+01	8.42E-03	8.00E+01	8.71E+01	5.40E+00	0.00E+00	0.00E+00	4.23E-01	1.16E+00
VF312PF	2.77E-02	6.34E+00	-8.65E-02	6.56E+00	1.99E-05	0.00E+00	7.69E+01	6.97E-05	4.63E-03	5.13E-02	1.82E-02	1.37E+01	2.59E-07	1.10E-07	1.38E+01	8.73E-01	2.47E-02	1.08E-01	6.85E-02	2.18E+00	1.08E+02	5.40E+01	4.50E-07	4.68E-07	1.67E-02	1.41E-03	3.89E+00	2.15E+00	1.62E+02	8.45E-03	1.63E+02	1.71E+02	9.63E+00	0.00E+00	0.00E+00	3.45E-01	2.98E+00
VF312PJ	2.96E-02	7.33E+00	-2.73E-01	7.59E+00	2.22E-05	0.00E+00	7.59E+01	7.06E-05	5.35E-03	5.79E-02	2.06E-02	1.41E+01	2.39E-07	1.17E-07	1.56E+01	1.15E+00	2.78E-02	1.05E-01	6.94E-02	2.49E+00	1.15E+02	5.74E+01	4.85E-07	4.71E-07	1.93E-02	1.74E-03	4.43E+00	5.54E+00	1.82E+02	7.76E-03	1.81E+02	1.89E+02	1.03E+01	0.00E+00	0.00E+00	3.33E-01	2.98E+00
VF312PM	2.93E-02	7.49E+00	-2.73E-01	7.62E+00	1.99E-05	0.00E+00	6.33E+02	7.21E-05	5.55E-03	5.88E-02	2.04E-02	1.40E+01	2.39E-07	1.29E-07	1.58E+01	1.04E+00	2.77E-02	1.05E-01	7.09E-02	2.42E+00	1.14E+02	5.65E+01	4.76E-07	4.76E-07	1.95E-02	1.68E-03	4.27E+00	5.54E+00	1.82E+02	5.86E-03	1.82E+02	1.91E+02	1.11E+01	0.00E+00	0.00E+00	3.40E-01	3.05E+00
VF312PR	3.84E-02	1.02E+01	-8.84E-02	1.06E+01	8.40E-04	0.00E+00	8.49E+02	8.41E-05	7.40E-03	7.72E-02	2.37E-02	1.57E+01	1.79E-07	1.37E-07	1.72E+01	3.12E+00	3.22E-02	1.05E-01	7.81E-02	4.31E+00	2.32E+02	7.63E+01	3.61E-07	5.16E-07	2.53E-02	2.39E-03	8.58E+00	2.23E+00	3.19E+02	1.44E-02	3.17E+02	3.34E+02	1.34E+01	0.00E+00	0.00E+00	6.46E-02	3.38E+00
VF312PS	4.87E-02	9.91E+00	-3.14E-01	1.02E+01	2.61E-04	0.00E+00	1.68E+03	5.32E-05	7.16E-03	7.68E-02	2.22E-02	2.22E+01	3.46E-07	2.24E-07	2.25E+01	1.67E+00	3.01E-02	1.14E-01	8.46E-02	3.95E+00	1.49E+02	7.88E+01	6.11E-07	6.21E-07	2.54E-02	2.34E-03	6.11E+00	6.55E+00	2.28E+02	1.15E-02	2.28E+02	2.41E+02	1.27E+01	0.00E+00	0.00E+00	2.41E-02	3.63E+00
VF312PT	1.66E-01	1.32E+01	-1.86E-01	1.34E+01	9.55E-05	0.00E+00	1.39E+03	1.31E-03	1.02E-02	1.13E-01	2.78E-02	1.07E+02	8.95E-06	1.78E-06	2.08E+02	4.24E+00	3.76E-02	3.44E-01	2.45E-01	5.74E+00	1.96E+02	7.97E+01	1.31E-06	1.50E-06	4.29E-02	2.62E-03	1.32E+01	6.73E+00	2.75E+02	1.32E-02	2.75E+02	2.95E+02	1.99E+01	0.00E+00	0.00E+00	0.00E+00	1.05E+01
VF312PY	4.38E-02	9.32E+00	-4.25E-01	9.68E+00	2.68E-04	0.00E+00	1.02E+03	9.12E-05	6.74E-03	7.21E-02	2.32E-02	1.69E+01	2.11E-07	2.10E-07	2.09E+01	1.60E+00	3.14E-02	1.13E-01	7.57E-02	3.41E+00	1.67E+02	8.07E+01	5.29E-07	5.40E-07	2.43E-02	1.97E-03	5.41E+00	7.81E+00	2.55E+02	8.39E-03	2.51E+02	2.64E+02	1.29E+01	0.00E+00	0.00E+00	3.70E-01	3.23E+00
VF312PZC	4.26E-02	9.42E+00	-4.31E-01	9.78E+00	2.57E-04	0.00E+00	9.03E+02	8.84E-05	6.82E-03	7.26E-02	2.32E-02	1.59E+01	2.15E-07	2.07E-07	2.01E+01	1.39E+00	3.14E-02	1.08E-01	7.74E-02	3.23E+00	1.68E+02	7.68E+01	4.85E-07	5.20E-07	2.43E-02	1.34E-03	5.48E+00	7.81E+00	2.56E+02	6.24E-03	2.51E+02	2.65E+02	1.28E+01	0.00E+00	0.00E+00	2.84E-01	3.31E+00
VF312PZG	3.07E-02	6.21E+00	-4.30E-01	6.54E+00	1.92E-05	0.00E+00	8.55E+02	6.39E-05	4.67E-03	5.06E-02	1.58E-02	1.48E+01	2.64E-07	1.44E-07	1.72E+01	8.89E-01	2.14E-02	7.25E-02	4.55E-02	2.02E+00	1.18E+02	5.55E+01	2.25E-07	3.42E-07	1.58E-02	1.55E-03	3.35E+00	7.11E+00	1.73E+02	5.56E-03	1.71E+02	1.76E+02	9.59E+00	0.00E+00	0.00E+00	2.87E-01	1.97E+00
VF312TA	3.56E-02	8.99E+00	-3.39E-01	9.45E+00	8.69E-04	0.00E+00	7.53E+01	9.83E-05	6.56E-03	7.01E-02	2.24E-02	1.67E+01	1.89E-07	1.16E-07	1.61E+01	3.16E+00	3.03E-02	1.03E-01	7.33E-02	4.51E+00	1.53E+02	6.83E+01	4.70E-07	5.04E-07	2.38E-02	2.59E-03	8.44E+00	7.06E+00	2.37E+02	1.14E-02	2.32E+02	2.45E+02	1.46E+01	0.00E+00	0.00E+00	1.58E-01	3.14E+00
VF312TD	3.05E-02	8.76E+00	-2.77E-01	9.11E+00	8.66E-04	0.00E+00	7.43E+01	9.78E-05	6.19E-03	6.63E-02	2.13E-02	1.64E+01	1.84E-07	1.12E-07	1.57E+01	3.14E+00	2.89E-02	1.03E-01	6.27E-02	4.37E+00	1.52E+02	6.58E+01	4.69E-07	4.98E-07	2.18E-02	2.58E-03	8.49E+00	6.51E+00	2.36E+02	1.06E-02	2.32E+02	2.45E+02	1.44E+01	0.00E+00	0.00E+00	1.58E-01	2.68E+00
VF312TE	3.00E-02	8.33E+00	-3.49E-01	8.59E+00	8.69E-04	0.00E+00	6.69E+01	7.15E-05	5.94E-03	6.42E-02	2.07E-02	1.60E+01	1.40E-07	9.86E-08	1.09E+01	3.14E+00	2.81E-02	8.26E-02	6.14E-02	4.62E+00	1.26E+02	6.39E+01	4.79E-07	4.70E-07	2.09E-02	2.56E-03	8.43E+00	7.38E+00	2.09E+02	8.00E-03	2.04E+02	2.14E+02	1.44E+01	0.00E+00	0.00E+00	2.75E-01	2.65E+00
VF312TF	2.94E-02	7.46E+00	-2.62E-01	7.74E+00	7.35E-04	0.00E+00	6.90E+01	8.72E-05	5.54E-03	6.00E-02	1.90E-02	1.63E+01	1.57E-07	1.07E-07	1.55E+01	2.78E+00	2.57E-02	9.67E-02	6.23E-02	3.15E+00	1.18E+02	6.32E+01	4.71E-07	4.71E-07	1.97E-02	1.95E-03	7.75E+00	6.08E+00	1.74E+02	1.14E-02	1.75E+02	1.91E+02	1.33E+01	0.00E+00	0.00E+00	1.44E-01	2.66E+00
VF312TJ	2.99E-02	8.38E+00	-2.44E-01	8.77E+00	7.36E-04	0.00E+00	5.56E+01	9.94E-05	6.11E-03	6.54E-02	2.07E-02	1.42E+01	1.93E-07	1.06E-07	1.53E+01	2.76E+00	2.80E-02	9.65E-02	6.49E-02	3.45E+00	1.37E+02	6.07E+01	4.53E-07	4.71E-07	2.11E-02	1.97E-03	7.88E+00	5.89E+00	2.21E+02	9.15E-03	2.16E+02	2.26E+02	1.27E+01	0.00E+00	0.00E+00	1.42E-01	2.78E+00
VF312TM	2.88E-02	7.79E+00	-2.08E-01	7.98E+00	7.27E-04	0.00E+00	6.33E+02	9.57E-05	5.77E-03	6.14E-02	2.04E-02	1.37E+01	2.13E-07	1.12E-07	1.51E+01	2.73E+00	2.76E-02	9.57E-02	6.46E-02	3.31E+00	1.20E+02	5.84E+01	4.38E-07	4.57E-07	2.02E-02	1.84E-03	8.00E+00	4.10E+00	1.87E+02	1.20E-02	1.85E+02	1.98E+02	1.19E+01	0.00E+00	0.00E+00	1.62E-01	2.77E+00
VF312TP	4.13E-02	9.51E+00	-3.55E-01	9.96E+00	8.69E-04	0.00E+00	1.88E+03	8.43E-05	6.91E-03	7.41E-02	2.31E-02	1.67E+01	1.83E-07	2.10E-07	2.18E+01	3.08E+00	3.14E-02	1.08E-01	7.58E-02	4.75E+00	1.73E+02	7.64E+01	4.82E-07	5.30E-07	2.47E-02	2.58E-03	8.42E+00	7.86E+00	2.59E+02	5.31E-03	2.55E+02	2.70E+02	1.47E+01	0.00E+00	0.00E+00	3.07E-01	3.23E+00
VF312TR	4.16E-02	9.78E+00	-3.82E-01	1.02E+01	8.78E-04	0.00E+00	9.16E+02	8.32E-05	7.40E-03	7.72E-02	2.41E-02	1.84E+01	1.78E-07	1.49E-07	1.90E+01	3.19E+00	3.27E-02	1.13E-01	7.80E-02	4.95E+00	2.40E+02	8.34E+01	4.20E-07	5.34E-07	2.53E-02	2.72E-03	8.68E+00	8.48E+00	3.27E+02	1.33E-02	3.23E+02	3.38E+02	1.53E+01	0.00E+00	0.00E+00	5.85E-02	3.34E+00
VF312TS	3.64E-02	8.96E+00	-2.55E-01	9.32E+00	8.38E-04	0.00E+00	1.64E+03	5.74E-05	6.46E-03	6.98E-02	2.20E-02	1.83E+01	2.01E-07	1.97E-07	2.03E+01	3.10E+00	2.98E-02	1.03E-01	6.57E-02	4.37E+00	1.51E+02	6.29E+01	4.91E-07	5.40E-07	2.32E-02	2.57E-03	8.59E+00	6.26E+00	2.35E+02	9.52E-03	2.30E+02	2.42E+02	1.41E+01	0.00E+00	0.00E+00	2.90E-01	2.81E+00
VF312TY	4.07E-02	9.69E+00	-3.50E-01	1.00E+01	8.71E-04	0.00E+00	9.44E+02	9.99E-05	6.90E-03	7.44E-02	2.39E-02	1.65E+01	1.93E-07	2.07E-07	2.05E+01	3.16E+00	3.24E-02	1.09E-01	7.75E-02	4.72E+00	1.76E+02	8.21E+01	4.78E-07	5.28E-07	2.46E-02	2.58E-03	8.42E+00	7.83E+00	2.63E+02	9.47E-03	2.61E+02	2.76E+02	1.47E+01	0.00E+00	0.00E+00	1.61E-01	3.32E+00
VF318PD	4.43E-02	1.12E+01	-5.17E-01	1.17E+01	2.76E-04	0.00E+00	4.82E+01	1.69E-04	8.15E-03	8.63E-02	2.84E-02	2.97E+00	5.15E-07	1.26E-07	1.75E+01	2.29E+00	3.84E-02	1.67E-01	9.30E-02	4.00E+00	2.43E+02	1.03E+02	1.56E-07	2.82E-07	2.82E-02	2.50E-03	5.55E+00	9.67E+00	3.45E+02	1.55E-02	3.45E+02	3.61E+02	1.52E+01	0.00E+00	0.00E+00	0.00E+00	3.99E+00
VF318PEH	5.22E-02	1.04E+01	-5.14E-01	1.10E+01	2.89E-04	0.00E+00	2.05E+03	8.19E-05	8.10E-03	8.79E-02	2.61E-02	9.24E+00	5.04E-07	2.29E-07	2.90E+01	1.86E+00	3.53E-02	1.64E-01	9.37E-02	4.59E+00	2.43E+02	7.90E+01	1.49E-07	3.29E-07	2.70E-02	2.70E-03	5.83E+00	8.88E+00	3.24E+02	6.99E-03	3.24E+02	3.38E+02	1.58E+01	0.00E+00	0.00E+00	5.24E-01	3.98E+00
VF318PES	4.58E-02	9.40E+00	-5.66E-01	9.97E+00	2.87E-04	0.00E+00	1.57E+03	4.77E-05	7.44E-03	7.85E-02	3.03E-02	7.76E+00	5.19E-07	2.12E-07	2.49E+01	1.74E+00	4.10E-02	1.59E-01	8.62E-02	4.09E+00	2.50E+02	6.78E+01	1.58E-07	2.94E-07	2.55E-02	2.50E-03	5.58E+00	1.03E+01	3.17E+02	1.13E-04	3.17E+02	3.33E+02	1.59E+01	0.00E+00	0.00E+00	9.95E-01	3.70E+00
VF318PF	4.15E-02	8.19E+00	-5.26E-01	8.59E+00	3.06E-05	0.00E+00	6.37E+02	1.29E-04	6.25E-03	6.68E-02	2.30E-02	5.03E+00	4.39E-07	1.41E-07	2.37E+01	1.71E+00	3.12E-02	1.66E-01	8.98E-02	3.43E+00	1.79E+02	8.44E+01	1.34E-07	3.07E-07	2.21E-02	2.17E-03	4.91E+00	9.34E+00	2.27E+02	1.20E-02	2.25E+02	2.40E+02	1.37E+01	0.00E+00	0.00E+00	3.88E-01	3.86E+00
VF318PJ	4.47E-02	1.00E+01	-8.56E-02	1.05E+01	3.08E-05	0.00E+00	4.58E+02	1.30E-04	7.38E-03	7.84E-02	2.54E-02	5.52E+00	3.89E-07	1.44E-07	2.01E+01	1.57E+00	3.43E-02	1.46E-01	9.91E-02	3.30E+00	2.31E+02	8.35E+01	1.51E-07	3.22E-07	2.52E-02	2.16E-03	5.03E+00	2.30E+00	3.21E+02	1.38E-02	3.18E+02	3.37E+02	1.52E+01	0.00E+00	0.00E+00	3.93E-01	4.19E+00
VF318PM	5.66E-02	1.13E+01	-5.69E-01	1.19E+01	3.48E-05	0.00E+00	1.55E+03	1.22E-04	8.30E-03	9.08E-02	2.83E-02	8.91E+00	3.33E-07	2.36E-07	3.58E+01	1.98E+00	3.78E-02	1.60E-01	1.03E-01	3.71E+00	2.47E+02	1.03E+02	1.67E-07	3.59E-07	2.84E-02	2.26E-03	5.01E+00	1.17E+01	3.34E+02	7.87E-03	3.30E+02	3.50E+02	1.82E+01	0.00E+00	0.00E+00	3.87E-01	4.37E+00
VF318PP	6.00E-02	1.06E+01	-5.69E-01	1.11E+01	2.70E-04	0.00E+00	3.26E+03	6.82E-05	8.37E-03	8.86E-02	3.14E-02	1.54E+01	1.13E-07	3.55E-07	4.50E+01	1.69E+00	4.25E-02	1.71E-01	1.02E-01	4.12E+00	2.80E+02	6.82E+01	1.98E-07	3.77E-07	2.90E-02	2.39E-03	5.84E+00	1.04E+01	3.49E+02	1.97E-04	3.49E+02	3.65E+02	1.62E+01	0.00E+00	0.00E+00	9.95E-01	4.39E+00
VF318PS	5.70E-02	1.25E+01	-5.68E-01	1.30E+01	2.70E-04	0.00E+00	1.95E+03	6.06E-05	9.19E-03	9.76E-02	3.04E-02	8.88E+00	5.22E-07	2.45E-07	2.76E+01	1.98E+00	4.12E-02	1.64E-01	1.05E-01	4.02E+00	2.84E+02	1.04E+02	2.13E-07	3.52E-07	3.20E-02	2.43E-03	5.43E+00	1.04E+01	3.89E+02	1.55E-02	3.89E+02	4.05E+02	1.58E+01	0.00E+00	0.00E+00	3.90E-02	4.53E+00
VF318PT	2.11E-01	1.66E+01	-3.96E-01	1.70E+01	1.15E-04	0.00E+00	1.41E+03	1.93E-03	1.31E-02	1.43E-01	3.78E-02	1.17E+02	1.11E-05	2.30E-06	2.71E+02	6.01E+00	5.11E-02	4.46E-01	3.14E-01	6.19E+00	3.39E+02	1.05E+02	1.01E-06	1.42E-06	5.41E-02	2.76E-03	1.49E+01	1.06E+01	4.43E+02	1.68E-02	4.43E+02	4.69E+02	2.55E+01	0.00E+00	0.00E+00	0.00E+00	1.35E+01
VF318PY	5.14E-02	1.12E+01	-5.29E-01	1.19E+01	2.82E-04	0.00E+00	1.44E+03	1.48E-04	8.36E-03	9.04E-02	2.87E-02	6.89E+00	3.96E-07	2.30E-07	2.95E+01	2.01E+00	3.88E-02	1.65E-01	9.33E-02	3.90E+00	2.46E+02	9.39E+01	1.60E-07	3.45E-07	2.88E-02	2.42E-03	5.70E+00	9.74E+00	3.32E+02	9.20E-03	3.35E+02	3.55E+02	1.56E+01	0.00E+00	0.00E+00	4.11E-01	3.96E+00
VF318PZC	5.48E-02	1.17E+01	-5.29E-01	1.22E+01	2.65E-04	0.00E+00	1.28E+03	1.49E-04	8.57E-03	9.24E-02	2.87E-02	6.32E+00	2.67E-07	2.17E-07	2.58E+01	1.54E+00	3.87E-02	1.46E-01	8.75E-02	3.64E+00	2.58E+02	9.19E+01	1.80E-07	2.99E-07	2.94E-02	1.10E-03	5.72E+00	9.71E+00	3.48E+02	6.68E-03	3.54E+02	3.76E+02	1.57E+01	0.00E+00	0.00E+00	1.31E-01	3.74E+00
VF318TA	4.63E-02	1.16E+01	-4.41E-01	1.19E+01	1.26E-03	0.00E+00	8.99E+01	1.49E-04	7.92E-03	8.40E-02	2.70E-02	3.37E+00	3.11E-07	1.46E-07	1.95E+01	4.63E+00	3.65E-02	1.57E-01	8.57E-02	5.56E+00	2.58E+02	9.38E+01	1.78E-07	2.98E-07	2.56E-02	3.22E-03	9.06E+00	9.61E+00	3.42E+02	1.40E-02	3.48E+02	3.72E+02	1.89E+01	0.00E+00	0.00E+00	1.55E-01	3.67E+00
VF318TD	4.45E-02	1.22E+01	-4.21E-01	1.27E+01	1.26E-03	0.00E+00	7.18E+01	1.80E-04	8.53E-03	9.03E-02	2.90E-02	2.98E+00	5.16E-07	1.42E-07	1.81E+01	4.65E+00	3.93E-02	1.68E-01	8.80E-02	5.50E+00	2.78E+02	9.80E+01	2.02E-07	2.88E-07	2.94E-02	3.19E-03	9.03E+00	9.73E+00	3.76E+02	1.55E-02	3.76E+02	3.95E+02	1.88E+01	0.00E+00	0.00E+00	0.00E+00	3.78E+00
VF318TES	5.08E-02	1.14E+01	-4.06E-01	1.15E+01	1.26E-03	0.00E+00	1.83E+03	7.54E-05	8.06E-03	8.43E-02	2.71E-02	7.47E+00	3.07E-07	2.23E-07	2.68E+01	4.76E+00	3.67E-02	1.52E-01	8.52E-02	5.68E+00	2.59E+02	8.21E+01	1.80E-07	2.95E-07	2.60E-02	3.17E-03	9.11E+00	8.99E+00	3.38E+02	8.69E-03	3.41E+02	3.60E+02	1.89E+01	0.00E+00	0.00E+00	3.23E-01	3.66E+00
VF318TM	5.49E-02	1.21E+01	-4.92E-01	1.25E+01	1.12E-03	0.00E+00	1.39E+03	1.42E-04	8.64E-03	9.32E-02	2.85E-02	7.34E+00	3.20E-07	2.36E-07	3.14E+01	4.65E+00	3.85E-02	1.55E-01	8.77E-02	5.55E+00	2.57E+02	1.12E+02	1.79E-07	3.13E-07	2.92E-02	3.11E-03	9.27E+00	1.21E+01	3.42E+02	1.01E-02	3.48E+02	3.68E+02	1.99E+01	0.00E+00	0.00E+00	1.39E-01	3.74E+00
VF318TP	5.25E-02	1.14E+01	-4.47E-01	1.18E+01	1.26E-03	0.00E+00	2.04E+03	1.22E-04	8.19E-03	8.56E-02	2.66E-02	7.28E+00	2.94E-07	2.21E-07	2.67E+01	4.59E+00	3.61E-02	1.57E-01	8.54E-02	5.59E+00	2.59E+02	8.38E+01	1.82E-07	3.02E-07	2.56E-02	3.19E-03	9.08E+00	9.56E+00	3.42E+02	8.53E-03	3.47E+02	3.71E+02	1.87E+01	0.00E+00	0.00E+00	3.22E-01	3.65E+00
VF318TR	5.80E-02	1.25E+01	-4.95E-01	1.29E+01	1.41E-03	0.00E+00	5.31E+02	1.19E-04	8.74E-03	9.47E-02	3.19E-02	6.97E+00	3.07E-07	1.90E-07	3.19E+01	5.08E+00	4.37E-02	1.54E-01	1.07E-01	6.37E+00	3.31E+02	1.13E+02	1.96E-07	3.75E-07	3.09E-02	3.55E-03	9.58E+00	1.62E+01	4.24E+02	1.28E-02	4.13E+02	4.59E+02	2.30E+01	0.00E+00	0.00E+00	1.13E-01	4.57E+00
VF412PA	4.98E-02	1.13E+01	-4.89E-01	1.19E+01	3.76E-04	0.00E+00	1.10E+02	1.37E-04	8.47E-03	8.97E-02	2.72E-02	2.00E+01	3.21E-07	1.58E-07	1.90E+01	2.23E+00	3.70E-02	1.51E-01	9.67E-02	5.16E+00	2.11E+02	9.17E+01	7.67E-07	7.35E-07	2.94E-02	3.01E-03	6.86E+00	8.97E+00	2.96E+02	1.35E-02	3.01E+02	3.19E+02	1.71E+01	0.00E+00	0.00E+00	2.93E-01	4.13E+00
VF412PD	4.95E-02	1.17E+01	-5.07E-01	1.22E+01	3.65E-04	0.00E+00	5.29E+01	1.42E-04	8.51E-03	9.06E-02	2.82E-02	2.20E+01	4.00E-07	1.43E-07	1.52E+01	2.49E+00	3.82E-02	1.49E-01	9.63E-02	5.34E+00	1.53E+02	1.03E+02	7.50E-07	7.41E-07	2.99E-02	3.25E-03	7.21E+00	9.81E+00	2.56E+02	1.63E-02	2.56E+02	2.73E+02	1.70E+01	0.00E+00	0.00E+00	0.00E+00	4.14E+00
VF412PE	3.71E-02	8.52E+00	-5.25E-01	9.05E+00	3.82E-04	0.00E+00	4.51E+01	6.10E-05	6.69E-03	7.08E-02	2.80E-02	2.04E+01	1.66E-07	9.75E-08	4.75E+00	2.05E+00	3.79E-02	1.39E-01	7.32E-02	4.77E+00	1.22E+02	6.55E+01	6.81E-07	6.70E-07	2.30E-02	2.90E-03	6.75E+00	9.80E+00	1.88E+02	2.86E-04	1.88E+02	2.04E+02	1.65E+01	0.00E+00	0.00E+00	9.69E-01	3.14E+00
VF412PEB	1.69E-02	4.03E+00	-7.87E-02	4.36E+00	9.24E-06	0.00E+00	7.17E+01	4.59E-05	3.20E-03	3.36E-02	1.27E-02	1.27E+01	2.26E-07	4.76E-08	3.66E+00	1.19E+00	1.71E-02	5.74E-02	3.47E-02	1.64E+00	6.33E+01	4.83E+01	5.11E-07	3.27E-07	1.09E-02	1.87E-03	1.87E+00	1.91E+00	1.06E+02	1.32E-02	1.11E+02	1.21E+02	6.78E+00	0.00E+00	0.00E+00	4.22E-01	1.49E+00
VF412PEBH	2.11E-02	4.21E+00	-8.49E-02	4.54E+00	1.10E-05	0.00E+00	9.55E+02	5.19E-05	3.23E-03	3.42E-02	1.27E-02	1.43E+01	2.52E-07	8.52E-08	4.87E+00	1.21E+00	1.71E-02	7.53E-02	3.82E-02	1.77E+00	6.82E+01	4.92E+01	5.30E-07	3.56E-07	1.12E-02	2.36E-03	1.94E+00	2.00E+00	1.25E+02	1.29E-02	1.24E+02	1.32E+02	6.89E+00	0.00E+00	0.00E+00	3.82E-01	1.66E+00
VF412PEH	5.71E-02	1.17E+01	-5.08E-01	1.23E+01	3.53E-04	0.00E+00	1.37E+03	1.30E-04	8.89E-03	9.51E-02	2.72E-02	1.87E+01	2.67E-07	2.40E-07	1.87E+01	2.21E+00	3.70E-02	1.32E-01	9.88E-02	4.97E+00	2.13E+02	9.18E+01	7.62E-07	7.37E-07	3.01E-02	3.01E-03	7.04E+00	8.95E+00	3.02E+02	1.21E-02	3.05E+02	3.23E+02	1.71E+01	0.00E+00	0.00E+00	3.76E-01	4.11E+00
VF412PF	4.72E-02	1.00E+01	-4.70E-01	1.05E+01	2.41E-05	0.00E+00	1.42E+02	1.23E-04	7.64E-03	8.10E-02	2.54E-02	1.92E+01	2.69E-07	1.54E-07	1.84E+01	1.51E+00	3.44E-02	1.46E-01	9.96E-02	3.59E+00	1.98E+02	8.53E+01	7.61E-07	6.95E-07	2.55E-02	2.20E-03	5.14E+00	8.05E+00	2.99E+02	1.37E-02	2.95E+02	3.10E+02	1.55E+01	0.00E+00	0.00E+00	3.47E-01	4.18E+00
VF412PJ	5.38E-02	1.12E+01	-5.46E-01	1.17E+01	2.73E-05	0.00E+00	1.59E+02	1.10E-04	8.33E-03	8.79E-02	2.73E-02	1.91E+01	2.49E-07	1.76E-07	2.34E+01	1.64E+00	3.71E-02	1.43E-01	9.96E-02	3.95E+00	2.07E+02	1.01E+02	7.65E-07	7.47E-07	2.86E-02	2.32E-03	5.35E+00	1.04E+01	3.00E+02	1.10E-02	3.05E+02	3.23E+02	1.59E+01	0.00E+00	0.00E+00	3.42E-01	4.29E+00
VF412PM	5.38E-02	1.16E+01	-3.39E-01	1.22E+01	2.47E-05	0.00E+00	1.42E+03	1.36E-04	8.72E-03	9.40E-02	2.90E-02	1.94E+01	2.67E-07	2.27E-07	2.32E+01	1.57E+00	3.87E-02	1.36E-01	1.00E-01	3.67E+00	1.99E+02	8.79E+01	7.40E-07	7.04E-07	2.98E-02	2.29E-03	5.32E+00	7.09E+00	3.07E+02	1.24E-02	3.04E+02	3.24E+02	1.65E+01	0.00E+00	0.00E+00	3.48E-01	4.24E+00
VF412PP	6.88E-02	1.13E+01	-5.61E-01	1.19E+01	3.75E-04	0.00E+00	3.45E+03	8.02E-05	8.96E-03	9.55E-02	3.18E-02	3.64E+01	1.17E-07	4.13E-07	4.71E+01	1.99E+00	4.31E-02	1.61E-01	1.10E-01	5.28E+00	1.97E+02	6.89E+01	8.05E-07	8.56E-07	3.15E-02	2.98E-03	7.86E+00	1.06E+01	2.66E+02	4.57E-04	2.66E+02	2.85E+02	1.85E+01	0.00E+00	0.00E+00	1.02E+00	4.74E+00
VF412PR	5.32E-02	1.29E+01	-4.82E-01	1.34E+01	1.35E-03	0.00E+00	9.18E+02	1.06E-04	8.98E-03	9.78E-02	3.16E-02	1.80E+01	2.59E-07	2.07E-07	2.71E+01	4.90E+00	4.28E-02	1.28E-01	9.53E-02	6.51E+00	2.82E+02	1.11E+02	6.42E-07	5.69E-07	3.24E-02	3.65E-03	9.74E+00	1.18E+01	3.71E+02	1.32E-02	3.71E+02	3.86E+02	2.06E+01	0.00E+00	0.00E+00	1.01E-01	4.09E+00
VF412PS	6.35E-02	1.30E+01	-5.49E-01	1.36E+01	3.61E-04	0.00E+00	1.95E+03	6.78E-05	9.60E-03	1.02E-01	3.02E-02	2.87E+01	4.76E-07	2.79E-07	2.74E+01	2.24E+00	4.09E-02	1.51E-01	1.11E-01	5.25E+00	1.96E+02	1.05E+02	8.11E-07	8.18E-07	3.38E-02	3.09E-03	7.33E+00	1.04E+01	3.01E+02	1.64E-02	3.01E+02	3.18E+02	1.77E+01	0.00E+00	0.00E+00	2.41E-02	4.76E+00
VF412PT	1.76E-01	1.55E+01	-4.36E-01	1.59E+01	1.13E-04	0.00E+00	1.40E+03	1.51E-03	1.21E-02	1.33E-01	3.47E-02	1.11E+02	9.12E-06	1.81E-06	2.09E+02	4.95E+00	4.69E-02	3.72E-01	2.64E-01	6.55E+00	2.20E+02	1.02E+02	1.44E-06	1.64E-06	4.90E-02	3.09E-03	1.44E+01	1.05E+01	3.22E+02	1.73E-02	3.22E+02	3.47E+02	2.49E+01	0.00E+00	0.00E+00	0.00E+00	1.13E+01
VF412PY	5.74E-02	1.20E+01	-5.08E-01	1.26E+01	3.80E-04	0.00E+00	1.55E+03	1.39E-04	9.09E-03	9.78E-02	3.11E-02	2.02E+01	2.68E-07	2.91E-07	3.01E+01	2.22E+00	4.21E-02	1.54E-01	1.06E-01	5.18E+00	2.32E+02	9.29E+01	7.70E-07	7.33E-07	3.20E-02	3.10E-03	7.65E+00	9.34E+00	3.09E+02	1.14E-02	3.16E+02	3.33E+02	1.72E+01	0.00E+00	0.00E+00	2.94E-01	4.56E+00
VF412PZC	5.67E-02	1.23E+01	-5.12E-01	1.28E+01	3.80E-04	0.00E+00	1.36E+03	1.40E-04	9.16E-03	9.86E-02	3.11E-02	1.44E+01	2.31E-07	2.57E-07	2.59E+01	2.21E+00	4.21E-02	1.26E-01	9.53E-02	5.02E+00	2.42E+02	9.11E+01	5.81E-07	5.68E-07	3.23E-02	1.68E-03	7.88E+00	9.32E+00	3.30E+02	7.19E-03	3.39E+02	3.60E+02	1.73E+01	0.00E+00	0.00E+00	7.74E-02	4.08E+00
VF412TA	4.71E-02	1.19E+01	-3.91E-01	1.22E+01	1.27E-03	0.00E+00	8.20E+01	1.52E-04	8.53E-03	8.97E-02	2.75E-02	1.58E+01	2.62E-07	1.47E-07	1.73E+01	4.74E+00	3.73E-02	1.37E-01	8.73E-02	5.59E+00	2.25E+02	9.21E+01	6.41E-07	5.51E-07	2.96E-02	3.22E-03	9.16E+00	9.04E+00	3.14E+02	1.57E-02	3.20E+02	3.45E+02	1.90E+01	0.00E+00	0.00E+00	9.89E-02	3.77E+00
VF412TD	4.75E-02	1.19E+01	-4.46E-01	1.23E+01	1.28E-03	0.00E+00	8.15E+01	1.52E-04	8.62E-03	9.03E-02	2.81E-02	1.59E+01	2.68E-07	1.48E-07	1.75E+01	4.74E+00	3.80E-02	1.37E-01	8.86E-02	5.62E+00	2.25E+02	9.43E+01	6.41E-07	5.55E-07	2.98E-02	3.29E-03	9.16E+00	9.86E+00	3.14E+02	1.54E-02	3.21E+02	3.46E+02	1.90E+01	0.00E+00	0.00E+00	9.91E-02	3.81E+00
VF412TE	4.72E-02	1.19E+01	-3.94E-01	1.23E+01	1.26E-03	0.00E+00	7.21E+01	1.46E-04	8.52E-03	8.96E-02	2.77E-02	1.44E+01	2.37E-07	1.30E-07	1.29E+01	4.73E+00	3.75E-02	9.93E-02	8.96E-02	5.60E+00	2.27E+02	9.26E+01	6.33E-07	5.32E-07	2.95E-02	3.22E-03	9.16E+00	9.01E+00	3.17E+02	1.45E-02	3.22E+02	3.45E+02	1.89E+01	0.00E+00	0.00E+00	2.25E-01	3.78E+00
VF412TF	4.24E-02	1.03E+01	-3.64E-01	1.08E+01	1.02E-03	0.00E+00	7.80E+01	1.35E-04	7.63E-03	8.22E-02	2.56E-02	1.61E+01	2.44E-07	1.46E-07	1.66E+01	4.38E+00	3.45E-02	1.30E-01	8.48E-02	5.00E+00	2.17E+02	8.75E+01	6.23E-07	5.41E-07	2.59E-02	2.69E-03	8.73E+00	8.07E+00	3.09E+02	1.52E-02	3.17E+02	3.37E+02	1.73E+01	0.00E+00	0.00E+00	1.42E-01	3.66E+00
VF412TJ	5.04E-02	1.17E+01	-4.72E-01	1.21E+01	1.07E-03	0.00E+00	8.88E+01	1.32E-04	8.48E-03	8.99E-02	2.80E-02	1.56E+01	2.70E-07	1.62E-07	2.12E+01	4.54E+00	3.78E-02	1.33E-01	8.77E-02	5.47E+00	2.26E+02	9.31E+01	6.38E-07	5.50E-07	2.91E-02	3.09E-03	8.95E+00	1.02E+01	3.13E+02	1.39E-02	3.22E+02	3.47E+02	1.88E+01	0.00E+00	0.00E+00	1.42E-01	3.77E+00
VF412TM	5.10E-02	1.20E+01	-2.62E-01	1.25E+01	1.02E-03	0.00E+00	1.31E+03	1.48E-04	8.85E-03	9.48E-02	2.85E-02	1.47E+01	2.38E-07	2.28E-07	2.10E+01	4.33E+00	3.84E-02	1.12E-01	8.73E-02	4.78E+00	2.16E+02	8.70E+01	6.15E-07	5.36E-07	3.01E-02	2.74E-03	9.15E+00	6.38E+00	3.14E+02	1.25E-02	3.22E+02	3.46E+02	1.76E+01	0.00E+00	0.00E+00	1.51E-01	3.75E+00
VF412TP	5.43E-02	1.21E+01	-4.03E-01	1.26E+01	1.28E-03	0.00E+00	2.16E+03	1.25E-04	9.07E-03	9.58E-02	3.11E-02	1.69E+01	2.45E-07	2.55E-07	2.77E+01	4.76E+00	4.20E-02	1.38E-01	9.61E-02	6.02E+00	2.40E+02	8.48E+01	6.52E-07	5.77E-07	3.19E-02	3.40E-03	9.40E+00	9.40E+00	3.17E+02	1.05E-02	3.27E+02	3.49E+02	1.94E+01	0.00E+00	0.00E+00	2.45E-01	4.12E+00
VF412TR	5.25E-02	1.29E+01	-4.77E-01	1.34E+01	1.33E-03	0.00E+00	9.18E+02	1.06E-04	8.97E-03	9.72E-02	3.16E-02	1.84E+01	2.57E-07	2.03E-07	2.68E+01	4.97E+00	4.27E-02	1.30E-01	9.55E-02	6.40E+00	2.81E+02	9.67E+01	6.42E-07	5.71E-07	3.23E-02	3.63E-03	9.75E+00	1.06E+01	3.68E+02	1.45E-02	3.70E+02	3.85E+02	1.97E+01	0.00E+00	0.00E+00	1.01E-01	4.09E+00
VF412TS	5.23E-02	1.23E+01	-1.19E-01	1.28E+01	1.28E-03	0.00E+00	1.85E+03	9.08E-05	8.99E-03	9.42E-02	3.01E-02	1.75E+01	2.57E-07	2.19E-07	2.34E+01	4.84E+00	4.07E-02	1.20E-01	9.28E-02	5.52E+00	1.98E+02	8.44E+01	5.74E-07	5.64E-07	3.16E-02	3.14E-03	9.59E+00	2.88E+00	3.01E+02	1.57E-02	3.04E+02	3.24E+02	1.83E+01	0.00E+00	0.00E+00	2.52E-01	3.96E+00
VF418PA	6.08E-02	1.33E+01	-4.35E-01	1.37E+01	3.96E-04	0.00E+00	5.79E+02	1.43E-04	9.94E-03	1.06E-01	3.62E-02	8.00E+00	4.84E-07	2.99E-07	3.48E+01	2.38E+00	4.90E-02	1.99E-01	1.14E-01	4.87E+00	3.37E+02	1.00E+02	2.02E-07	3.87E-07	3.47E-02	3.06E-03	7.13E+00	7.90E+00	4.37E+02	2.57E-03	4.39E+02	4.59E+02	1.70E+01	0.00E+00	0.00E+00	3.42E-01	4.90E+00
VF418PD	5.42E-02	1.42E+01	-4.47E-01	1.46E+01	3.76E-04	0.00E+00	5.69E+01	1.89E-04	9.95E-03	1.06E-01	3.46E-02	3.32E+00	5.62E-07	1.50E-07	2.11E+01	2.91E+00	4.68E-02	2.14E-01	1.16E-01	5.04E+00	3.12E+02	1.29E+02	1.88E-07	3.45E-07	3.49E-02	3.17E-03	6.97E+00	9.53E+00	4.40E+02	1.97E-02	4.40E+02	4.57E+02	1.65E+01	0.00E+00	0.00E+00	0.00E+00	4.97E+00
VF418PEH	6.56E-02	1.65E+01	-5.43E-01	1.67E+01	3.90E-04	0.00E+00	2.75E+03	1.09E-04	1.07E-02	1.16E-01	3.70E-02	1.32E+01	5.59E-07	3.07E-07	3.76E+01	2.66E+00	5.01E-02	2.10E-01	1.26E-01	5.08E+00	3.41E+02	1.19E+02	2.25E-07	4.33E-07	3.78E-02	3.06E-03	7.17E+00	1.14E+01	4.35E+02	4.84E-03	4.39E+02	4.63E+02	1.79E+01	0.00E+00	0.00E+00	5.14E-01	5.39E+00
VF418PES	5.42E-02	1.17E+01	-4.97E-01	1.22E+01	3.87E-04	0.00E+00	1.63E+03	5.29E-05	8.92E-03	9.46E-02	3.67E-02	8.40E+00	6.57E-07	2.42E-07	2.81E+01	2.25E+00	4.97E-02	2.06E-01	1.05E-01	5.04E+00	3.17E+02	8.46E+01	1.83E-07	3.48E-07	3.09E-02	3.12E-03	6.90E+00	1.02E+01	4.01E+02	1.30E-04	4.01E+02	4.18E+02	1.71E+01	0.00E+00	0.00E+00	1.24E+00	4.53E+00

VF418PF	5.97E-02	1.21E+01	-5.02E-01	1.29E+01	3.60E-05	0.00E+00	9.51E+02	1.29E-04	8.66E-03	9.38E-02	3.33E-02	7.69E+00	5.32E-07	2.63E-07	3.11E+01	1.75E+00	4.45E-02	2.03E-01	1.17E-01	3.69E+00	3.33E+02	1.11E+02	1.65E-07	3.64E-07	3.09E-02	2.26E-03	5.34E+00	9.73E+00	4.60E+02	7.30E-03	4.56E+02	4.70E+02	1.69E+01	0.00E+00	0.00E+00	3.88E-01	4.95E+00
VF418PJ	5.89E-02	1.19E+01	-4.78E-01	1.26E+01	3.57E-05	0.00E+00	9.33E+02	1.37E-04	8.61E-03	9.29E-02	3.33E-02	7.78E+00	4.87E-07	2.73E-07	3.12E+01	1.68E+00	4.44E-02	2.01E-01	1.17E-01	3.61E+00	3.21E+02	1.08E+02	1.66E-07	3.57E-07	3.10E-02	2.24E-03	5.33E+00	8.47E+00	4.42E+02	7.23E-03	4.41E+02	4.53E+02	1.67E+01	0.00E+00	0.00E+00	3.87E-01	4.93E+00
VF418PM	6.81E-02	1.56E+01	-2.75E-01	1.60E+01	3.70E-05	0.00E+00	1.76E+03	1.42E-04	1.06E-02	1.14E-01	3.68E-02	9.90E+00	4.65E-07	3.48E-07	3.90E+01	1.64E+00	4.93E-02	1.98E-01	1.22E-01	3.59E+00	3.47E+02	1.03E+02	1.99E-07	3.92E-07	3.71E-02	2.25E-03	5.54E+00	5.90E+00	4.69E+02	1.09E-02	4.67E+02	4.88E+02	1.64E+01	0.00E+00	0.00E+00	3.96E-01	5.17E+00
VF418PP	7.55E-02	1.36E+01	-4.99E-01	1.41E+01	3.92E-04	0.00E+00	3.89E+03	8.11E-05	1.04E-02	1.11E-01	3.89E-02	1.94E+01	1.17E-07	4.47E-07	5.67E+01	2.28E+00	5.27E-02	2.25E-01	1.30E-01	5.45E+00	3.66E+02	8.58E+01	2.45E-07	4.74E-07	3.65E-02	3.19E-03	7.61E+00	1.04E+01	4.51E+02	2.49E-04	4.51E+02	4.70E+02	1.80E+01	0.00E+00	0.00E+00	1.28E+00	5.57E+00
VF418PR	5.99E-02	1.92E+01	-4.49E-01	1.95E+01	1.84E-03	0.00E+00	5.74E+02	1.23E-04	1.19E-02	1.35E-01	3.94E-02	8.37E+00	3.02E-07	2.02E-07	3.29E+01	6.18E+00	5.34E-02	1.97E-01	1.34E-01	8.51E+00	3.70E+02	1.25E+02	2.42E-07	4.39E-07	4.33E-02	4.65E-03	1.52E+01	1.16E+01	4.83E+02	1.29E-02	4.80E+02	5.29E+02	2.65E+01	0.00E+00	0.00E+00	9.89E-02	5.86E+00
VF418PS	6.94E-02	1.57E+01	-4.96E-01	1.62E+01	3.69E-04	0.00E+00	2.19E+03	6.54E-05	1.12E-02	1.19E-01	3.70E-02	1.03E+01	6.62E-07	2.92E-07	3.26E+01	2.55E+00	5.01E-02	2.12E-01	1.31E-01	5.11E+00	3.63E+02	1.31E+02	2.58E-07	4.28E-07	3.94E-02	3.13E-03	6.85E+00	1.03E+01	4.93E+02	1.98E-02	4.93E+02	5.11E+02	1.71E+01	0.00E+00	0.00E+00	3.90E-02	5.61E+00
VF418PY	7.06E-02	1.88E+01	-5.35E-01	1.86E+01	4.12E-04	0.00E+00	2.01E+03	1.33E-04	1.18E-02	1.34E-01	3.94E-02	1.43E+01	3.04E-07	3.83E-07	4.61E+01	2.66E+00	5.34E-02	2.16E-01	1.42E-01	5.16E+00	3.48E+02	1.15E+02	2.24E-07	4.76E-07	4.23E-02	3.09E-03	7.84E+00	1.14E+01	4.50E+02	2.11E-03	4.52E+02	4.77E+02	1.85E+01	0.00E+00	0.00E+00	3.42E-01	6.16E+00
VF418PZC	5.59E-02	1.21E+01	-5.42E-01	1.26E+01	3.94E-04	0.00E+00	1.36E+03	1.35E-04	8.72E-03	9.47E-02	2.89E-02	9.17E+00	3.52E-07	2.41E-07	3.36E+01	2.30E+00	3.92E-02	1.65E-01	9.22E-02	4.89E+00	2.64E+02	1.09E+02	1.82E-07	3.27E-07	3.03E-02	1.67E-03	7.80E+00	1.10E+01	3.76E+02	7.77E-03	3.72E+02	3.88E+02	1.78E+01	0.00E+00	0.00E+00	1.20E-01	3.94E+00
VF418TA	5.85E-02	1.60E+01	-4.41E-01	1.62E+01	1.69E-03	0.00E+00	1.13E+02	1.36E-04	1.07E-02	1.15E-01	3.86E-02	7.05E+00	3.50E-07	2.03E-07	3.45E+01	6.01E+00	5.25E-02	2.02E-01	1.22E-01	7.40E+00	3.56E+02	1.26E+02	2.41E-07	4.41E-07	3.73E-02	4.43E-03	1.32E+01	1.16E+01	4.74E+02	1.34E-02	4.75E+02	5.00E+02	2.33E+01	0.00E+00	0.00E+00	1.75E-01	5.18E+00
VF418TD	5.43E-02	1.54E+01	-3.28E-01	1.57E+01	1.57E-03	0.00E+00	8.59E+01	2.02E-04	1.04E-02	1.11E-01	3.53E-02	3.32E+00	5.63E-07	1.69E-07	2.19E+01	5.77E+00	4.77E-02	2.15E-01	1.10E-01	6.75E+00	3.55E+02	1.22E+02	2.46E-07	3.50E-07	3.62E-02	3.94E-03	1.11E+01	9.60E+00	4.77E+02	1.97E-02	4.77E+02	4.98E+02	2.07E+01	0.00E+00	0.00E+00	0.00E+00	4.70E+00
VF418TES	5.96E-02	1.62E+01	-4.48E-01	1.65E+01	1.82E-03	0.00E+00	2.67E+03	9.62E-05	1.09E-02	1.16E-01	3.85E-02	1.25E+01	3.88E-07	2.34E-07	3.55E+01	6.21E+00	5.21E-02	2.01E-01	1.21E-01	7.44E+00	3.49E+02	1.21E+02	2.44E-07	4.32E-07	3.79E-02	4.40E-03	1.36E+01	1.16E+01	4.63E+02	1.01E-02	4.67E+02	4.92E+02	2.31E+01	0.00E+00	0.00E+00	3.79E-01	5.13E+00
VF418TF	5.34E-02	1.34E+01	-3.64E-01	1.40E+01	1.30E-03	0.00E+00	1.00E+02	1.74E-04	9.06E-03	9.80E-02	3.25E-02	4.05E+00	3.81E-07	1.88E-07	2.34E+01	5.06E+00	4.39E-02	1.91E-01	1.09E-01	6.23E+00	3.36E+02	1.10E+02	1.93E-07	3.44E-07	3.24E-02	3.69E-03	9.63E+00	9.08E+00	4.62E+02	1.56E-02	4.60E+02	4.79E+02	1.99E+01	0.00E+00	0.00E+00	2.22E-01	4.66E+00
VF418TJ	5.27E-02	1.42E+01	-3.60E-01	1.46E+01	1.31E-03	0.00E+00	9.94E+01	1.72E-04	9.68E-03	1.04E-01	3.26E-02	4.13E+00	3.81E-07	1.89E-07	2.34E+01	5.08E+00	4.40E-02	1.92E-01	1.08E-01	6.23E+00	3.36E+02	1.10E+02	1.94E-07	3.50E-07	3.35E-02	3.63E-03	9.58E+00	8.46E+00	4.62E+02	1.56E-02	4.60E+02	4.80E+02	1.97E+01	0.00E+00	0.00E+00	2.21E-01	4.65E+00
VF418TM	5.90E-02	1.60E+01	-2.01E-01	1.64E+01	1.34E-03	0.00E+00	1.45E+03	1.69E-04	1.06E-02	1.15E-01	3.61E-02	6.91E+00	3.71E-07	2.49E-07	2.86E+01	5.17E+00	4.89E-02	1.75E-01	1.11E-01	6.01E+00	3.45E+02	1.04E+02	2.18E-07	3.78E-07	3.72E-02	3.48E-03	9.62E+00	4.68E+00	4.66E+02	1.59E-02	4.71E+02	4.99E+02	1.93E+01	0.00E+00	0.00E+00	2.40E-01	4.78E+00
VF418TP	6.51E-02	1.95E+01	-4.47E-01	1.94E+01	1.70E-03	0.00E+00	3.04E+03	1.22E-04	1.20E-02	1.29E-01	3.94E-02	1.30E+01	3.26E-07	2.68E-07	3.62E+01	6.10E+00	5.34E-02	2.03E-01	1.32E-01	8.85E+00	3.56E+02	1.19E+02	2.44E-07	4.56E-07	4.21E-02	4.90E-03	1.49E+01	1.16E+01	4.74E+02	9.76E-03	4.76E+02	5.07E+02	2.66E+01	0.00E+00	0.00E+00	3.78E-01	5.69E+00
VF418TR	6.03E-02	1.90E+01	-4.34E-01	1.93E+01	1.81E-03	0.00E+00	5.62E+02	1.25E-04	1.18E-02	1.34E-01	3.94E-02	8.01E+00	2.59E-07	1.99E-07	3.05E+01	6.04E+00	5.33E-02	2.01E-01	1.34E-01	8.27E+00	3.70E+02	1.16E+02	2.42E-07	4.21E-07	4.31E-02	4.60E-03	1.50E+01	1.03E+01	4.82E+02	1.65E-02	4.78E+02	5.26E+02	2.57E+01	0.00E+00	0.00E+00	9.82E-02	5.84E+00
VF418TS	5.88E-02	1.60E+01	-3.61E-01	1.64E+01	1.78E-03	0.00E+00	2.40E+03	9.66E-05	1.07E-02	1.14E-01	3.69E-02	8.79E+00	5.18E-07	2.26E-07	3.02E+01	6.06E+00	4.99E-02	1.98E-01	1.16E-01	7.02E+00	3.44E+02	1.10E+02	2.34E-07	3.96E-07	3.75E-02	4.20E-03	1.32E+01	9.42E+00	4.64E+02	1.39E-02	4.64E+02	4.87E+02	2.21E+01	0.00E+00	0.00E+00	3.78E-01	4.95E+00
VH12AT	4.73E-02	1.34E+01	-1.05E-01	1.35E+01	2.23E-05	0.00E+00	2.21E+03	9.10E-05	7.47E-03	8.16E-02	2.13E-02	6.64E+00	3.67E-08	2.01E-07	2.69E+01	2.53E-01	2.89E-02	4.85E-01	8.75E-02	2.07E+00	5.32E+02	4.34E+01	1.66E-07	2.76E-07	2.77E-02	4.99E-04	5.55E+00	3.08E+00	5.67E+02	1.94E-04	5.73E+02	5.87E+02	8.38E+00	0.00E+00	0.00E+00	2.19E-02	3.81E+00
VH12DKN	4.42E-02	1.25E+01	-1.83E-01	1.26E+01	2.17E-05	0.00E+00	8.69E+02	7.87E-05	7.07E-03	7.80E-02	2.07E-02	4.05E+00	3.90E-08	1.66E-07	2.38E+01	2.42E-01	2.81E-02	4.76E-01	8.08E-02	2.11E+00	5.20E+02	4.28E+01	1.43E-07	2.59E-07	2.61E-02	4.55E-04	5.47E+00	3.51E+00	5.62E+02	1.34E-04	5.73E+02	5.83E+02	8.16E+00	0.00E+00	0.00E+00	2.15E-02	3.46E+00
VH12EP	4.45E-02	1.28E+01	-1.88E-01	1.29E+01	2.20E-05	0.00E+00	1.01E+03	7.85E-05	7.07E-03	7.79E-02	2.13E-02	4.13E+00	3.95E-08	1.64E-07	2.43E+01	2.34E-01	2.89E-02	4.75E-01	8.24E-02	2.08E+00	5.37E+02	4.27E+01	1.43E-07	2.61E-07	2.69E-02	4.43E-04	5.48E+00	3.55E+00	5.75E+02	1.50E-04	5.79E+02	5.85E+02	8.29E+00	0.00E+00	0.00E+00	2.14E-02	3.53E+00
VH12ET	4.63E-02	1.15E+01	-1.64E-01	1.17E+01	3.30E-04	0.00E+00	2.21E+03	8.43E-05	6.65E-03	7.33E-02	2.06E-02	6.73E+00	2.38E-07	2.03E-07	2.83E+01	9.92E-01	2.78E-02	5.05E-01	8.39E-02	2.55E+00	5.12E+02	4.36E+01	1.85E-07	2.71E-07	2.52E-02	6.20E-04	7.47E+00	3.49E+00	5.85E+02	2.32E-04	5.86E+02	5.86E+02	8.18E+00	0.00E+00	0.00E+00	2.24E-02	3.62E+00
VH12NA	4.33E-02	1.28E+01	-1.42E-01	1.29E+01	2.23E-05	0.00E+00	1.17E+03	7.82E-05	7.18E-03	7.83E-02	2.13E-02	3.81E+00	3.11E-08	1.73E-07	2.34E+01	2.23E-01	2.88E-02	5.03E-01	8.41E-02	1.93E+00	5.32E+02	4.22E+01	1.31E-07	2.54E-07	2.71E-02	4.57E-04	5.25E+00	2.93E+00	5.74E+02	1.33E-04	5.74E+02	5.82E+02	8.18E+00	0.00E+00	0.00E+00	2.11E-02	3.61E+00
VH12NC	5.84E-02	1.40E+01	-1.31E-01	1.42E+01	2.23E-05	0.00E+00	2.70E+03	1.24E-04	8.12E-03	8.86E-02	2.28E-02	1.19E+01	4.31E-08	3.34E-07	4.14E+01	3.17E-01	3.08E-02	5.19E-01	1.02E-01	2.22E+00	5.65E+02	4.41E+01	1.93E-07	3.44E-07	3.08E-02	5.66E-04	5.73E+00	3.07E+00	6.09E+02	2.23E-04	6.09E+02	6.18E+02	8.81E+00	0.00E+00	0.00E+00	2.11E-02	4.40E+00
VH12NE	4.43E-02	1.30E+01	-1.60E-01	1.32E+01	6.32E-05	0.00E+00	6.31E+02	1.83E-04	7.34E-03	8.02E-02	2.17E-02	3.95E+00	4.61E-07	1.81E-07	2.34E+01	5.67E-01	2.94E-02	5.27E-01	8.80E-02	2.08E+00	5.36E+02	4.32E+01	1.52E-07	2.67E-07	2.77E-02	5.32E-04	5.72E+00	3.21E+00	5.79E+02	1.46E-04	5.79E+02	5.88E+02	8.93E+00	0.00E+00	0.00E+00	2.11E-02	3.78E+00
VH12NK	8.89E-03	2.98E+00	-4.77E-02	3.10E+00	1.03E-05	0.00E+00	5.55E+02	4.57E-05	2.20E-03	2.17E-02	7.35E-03	2.18E+00	2.32E-08	4.03E-08	2.32E+00	2.08E-01	9.93E-03	8.51E-02	1.52E-02	1.35E+00	5.70E+01	2.57E+01	9.94E-08	6.99E-08	6.59E-03	3.73E-04	2.33E+00	1.27E+00	7.90E+01	7.63E-05	8.06E+01	8.61E+01	4.67E+00	0.00E+00	0.00E+00	4.25E-02	6.52E-01
VH12NN	5.58E-02	1.37E+01	-1.32E-01	1.38E+01	2.23E-05	0.00E+00	2.27E+03	1.00E-04	7.88E-03	8.61E-02	2.24E-02	1.09E+01	4.01E-08	3.10E-07	3.92E+01	2.57E-01	3.03E-02	5.11E-01	9.98E-02	2.14E+00	5.53E+02	4.37E+01	1.85E-07	3.29E-07	3.00E-02	5.31E-04	5.66E+00	3.03E+00	5.97E+02	2.11E-04	5.97E+02	6.06E+02	8.70E+00	0.00E+00	0.00E+00	2.11E-02	4.29E+00
VH24AT	5.94E-02	1.51E+01	-1.96E-01	1.53E+01	4.06E-05	0.00E+00	2.44E+03	1.16E-04	9.31E-03	1.01E-01	2.94E-02	1.33E+01	4.92E-08	3.13E-07	4.47E+01	3.25E-01	3.97E-02	9.60E-02	1.24E-01	2.34E+00	7.38E+02	4.76E+01	1.97E-07	3.33E-07	3.42E-02	5.66E-04	6.00E+00	4.35E+00	7.67E+02	2.78E-04	7.64E+02	7.64E+02	1.05E+01	0.00E+00	0.00E+00	3.30E-02	5.28E+00
VH24DKN	5.74E-02	1.48E+01	-2.02E-01	1.50E+01	2.45E-05	0.00E+00	1.24E+03	8.60E-05	9.36E-03	1.01E-01	2.85E-02	4.45E+00	4.43E-08	1.84E-07	2.67E+01	2.54E-01	3.85E-02	1.36E-01	1.20E-01	2.21E+00	7.37E+02	4.48E+01	1.55E-07	3.32E-07	3.41E-02	4.99E-04	5.77E+00	4.28E+00	7.64E+02	2.22E-04	7.60E+02	7.57E+02	9.78E+00	0.00E+00	0.00E+00	2.38E-02	5.09E+00
VH24EP	5.81E-02	1.49E+01	-1.87E-01	1.51E+01	2.56E-05	0.00E+00	1.46E+03	9.74E-05	9.34E-03	1.01E-01	2.86E-02	4.84E+00	4.41E-08	1.98E-07	3.00E+01	2.63E-01	3.87E-02	1.26E-01	1.21E-01	2.25E+00	7.42E+02	4.49E+01	1.61E-07	3.37E-07	3.41E-02	5.70E-04	5.93E+00	4.26E+00	7.69E+02	2.30E-04	7.64E+02	7.63E+02	1.01E+01	0.00E+00	0.00E+00	3.09E-02	5.16E+00
VH24ET	5.88E-02	1.51E+01	-1.12E-01	1.54E+01	5.02E-04	0.00E+00	2.17E+03	1.18E-04	9.20E-03	1.00E-01	2.68E-02	7.49E+00	1.58E-07	2.29E-07	3.37E+01	1.07E+00	3.65E-02	2.30E-01	1.24E-01	2.81E+00	7.43E+02	4.56E+01	1.86E-07	3.41E-07	3.32E-02	6.69E-04	7.72E+00	3.30E+00	7.75E+02	3.29E-04	7.70E+02	7.58E+02	1.07E+01	0.00E+00	0.00E+00	3.09E-02	5.35E+00
VH24NA	5.62E-02	1.49E+01	-1.72E-01	1.51E+01	3.79E-05	0.00E+00	1.46E+03	7.46E-05	8.87E-03	9.67E-02	3.00E-02	4.48E+00	3.93E-08	1.94E-07	2.72E+01	2.51E-01	4.07E-02	8.69E-02	1.20E-01	2.13E+00	7.14E+02	4.22E+01	1.44E-07	3.24E-07	3.29E-02	5.42E-04	5.84E+00	3.79E+00	7.56E+02	2.56E-04	7.56E+02	7.66E+02	9.63E+00	0.00E+00	0.00E+00	2.88E-02	5.14E+00
VH24NC	7.35E-02	1.61E+01	-1.59E-01	1.63E+01	3.79E-05	0.00E+00	3.02E+03	1.38E-04	9.83E-03	1.07E-01	3.15E-02	1.43E+01	5.16E-08	3.88E-07	4.90E+01	3.90E-01	4.27E-02	1.05E-01	1.41E-01	2.39E+00	7.45E+02	4.40E+01	2.17E-07	4.27E-07	3.68E-02	6.29E-04	6.36E+00	3.94E+00	7.89E+02	3.66E-04	7.89E+02	8.00E+02	1.03E+01	0.00E+00	0.00E+00	2.88E-02	6.04E+00
VH24NE	5.62E-02	1.49E+01	-1.69E-01	1.51E+01	7.88E-05	0.00E+00	6.47E+02	2.17E-04	8.91E-03	9.73E-02	3.03E-02	4.32E+00	5.46E-07	2.01E-07	2.70E+01	6.83E-01	4.10E-02	1.03E-01	1.24E-01	2.34E+00	7.08E+02	4.28E+01	1.60E-07	3.29E-07	3.30E-02	6.50E-04	6.35E+00	4.06E+00	7.51E+02	2.77E-04	7.51E+02	7.61E+02	1.04E+01	0.00E+00	0.00E+00	2.88E-02	5.34E+00
VH24NK	1.58E-02	4.51E+00	-4.67E-02	4.56E+00	1.22E-05	0.00E+00	5.48E+02	5.74E-05	2.87E-03	3.11E-02	9.34E-03	8.59E-01	1.26E-08	5.93E-08	1.97E+00	1.61E-01	1.26E-02	3.49E-02	2.27E-02	1.64E+00	6.39E+01	3.94E+01	8.41E-08	1.14E-07	9.51E-03	3.68E-04	3.78E+00	1.17E+00	1.03E+02	1.00E-04	1.03E+02	1.08E+02	4.95E+00	0.00E+00	0.00E+00	2.11E-02	9.77E-01
VH24NN	7.20E-02	1.60E+01	-1.62E-01	1.62E+01	2.67E-05	0.00E+00	2.82E+03	1.05E-04	9.77E-03	1.06E-01	3.14E-02	1.34E+01	5.03E-08	3.67E-07	4.70E+01	2.68E-01	4.25E-02	9.93E-02	1.39E-01	2.37E+00	7.43E+02	4.35E+01	2.10E-07	4.18E-07	3.65E-02	6.10E-04	6.22E+00	3.93E+00	7.87E+02	3.54E-04	7.87E+02	7.97E+02	1.02E+01	0.00E+00	0.00E+00	2.88E-02	5.99E+00
VH24NWB	6.01E-02	1.80E+01	-9.18E-02	1.81E+01	3.06E-04	0.00E+00	6.51E+02	6.82E-05	1.03E-02	1.12E-01	2.44E-02	8.72E-01	2.99E-08	1.52E-07	6.70E+00	9.86E-01	3.30E-02	1.01E+00	1.43E-01	2.42E+00	9.46E+02	4.71E+01	1.21E-07	3.38E-07	3.89E-02	7.43E-04	6.08E+00	2.99E+00	9.93E+02	2.41E-04	9.93E+02	1.00E+03	9.08E+00	0.00E+00	0.00E+00	2.11E-02	6.16E+00
VH36AT	8.28E-02	2.33E+01	-5.38E-01	2.34E+01	3.68E-05	0.00E+00	2.80E+03	1.54E-04	1.26E-02	1.39E-01	3.89E-02	1.39E+01	9.13E-08	3.77E-07	5.95E+01	3.60E-01	5.28E-02	8.76E-01	1.57E-01	2.66E+00	1.15E+03	7.64E+01	2.46E-07	4.64E-07	5.00E-02	6.69E-04	6.47E+00	8.55E+00	1.19E+03	2.62E-04	1.20E+03	1.21E+03	1.15E+01	0.00E+00	0.00E+00	3.63E-02	6.79E+00
VH36DKN	7.83E-02	2.26E+01	-1.21E-01	2.29E+01	2.53E-05	0.00E+00	1.37E+03	9.58E-05	1.30E-02	1.41E-01	3.55E-02	4.28E+00	3.69E-08	2.58E-07	4.33E+01	2.60E-01	4.80E-02	9.99E-01	1.52E-01	2.31E+00	1.10E+03	6.49E+01	1.73E-07	4.41E-07	4.93E-02	5.87E-04	5.87E+00	3.72E+00	1.18E+03	2.57E-04	1.17E+03	1.17E+03	9.88E+00	0.00E+00	0.00E+00	2.30E-02	6.58E+00
VH36EP	7.85E-02	2.20E+01	-2.93E-01	2.25E+01	2.68E-05	0.00E+00	1.75E+03	1.08E-04	1.25E-02	1.34E-01	3.66E-02	9.56E+00	5.85E-08	3.09E-07	5.05E+01	3.01E-01	4.93E-02	8.10E-01	1.50E-01	2.53E+00	1.03E+03	6.60E+01	1.83E-07	4.31E-07	4.81E-02	5.66E-04	6.29E+00	4.88E+00	1.09E+03	2.07E-04	1.10E+03	1.11E+03	1.05E+01	0.00E+00	0.00E+00	3.19E-02	6.50E+00
VH36ET	7.76E-02	2.17E+01	-1.46E-01	2.23E+01	5.21E-04	0.00E+00	2.65E+03	1.53E-04	1.28E-02	1.33E-01	3.24E-02	1.09E+01	3.54E-07	3.19E-07	5.15E+01	9.29E-01	4.39E-02	1.09E+00	1.55E-01	3.15E+00	1.07E+03	6.69E+01	4.63E-07	4.59E-07	4.55E-02	7.72E-04	9.63E+00	4.04E+00	1.17E+03	5.71E-03	1.16E+03	1.15E+03	1.16E+01	0.00E+00	0.00E+00	5.13E-02	6.71E+00
VH36NA	8.97E-02	2.50E+01	-1.97E-01	2.52E+01	3.79E-05	0.00E+00	1.48E+03	1.03E-04	1.45E-02	1.57E-01	3.43E-02	4.56E+00	4.30E-08	2.60E-07	4.09E+01	3.15E-01	4.64E-02	1.35E+00	2.00E-01	2.37E+00	1.33E+03	6.41E+01	1.82E-07	4.91E-07	5.51E-02	6.53E-04	5.83E+00	4.21E+00	1.39E+03	3.17E-04	1.39E+03	1.40E+03	1.00E+01	0.00E+00	0.00E+00	2.88E-02	8.57E+00
VH36NC	8.69E-02	2.23E+01	-1.90E-01	2.25E+01	4.23E-05	0.00E+00	3.27E+03	1.66E-04	1.25E-02	1.36E-01	3.83E-02	1.53E+01	5.87E-08	4.47E-07	6.48E+01	4.60E-01	5.18E-02	7.28E-01	1.55E-01	2.74E+00	9.46E+02	6.63E+01	2.64E-07	4.94E-07	4.82E-02	7.81E-04	6.49E+00	4.61E+00	1.01E+03	2.62E-04	1.01E+03	1.02E+03	1.11E+01	0.00E+00	0.00E+00	3.65E-02	6.67E+00
VH36NCT	6.10E-02	1.78E+01	-1.47E-01	1.81E+01	2.11E-05	0.00E+00	6.10E+02	1.48E-04	1.04E-02	1.13E-01	2.72E-02	3.29E+00	1.06E-07	1.58E-07	1.18E+01	3.24E-01	3.70E-02	1.12E+00	1.66E-01	2.38E+00	1.16E+03	6.57E+01	1.92E-07	4.42E-07	3.95E-02	5.48E-04	6.02E+00	4.21E+00	1.23E+03	2.02E-04	1.22E+03	1.21E+03	1.09E+01	0.00E+00	0.00E+00	2.17E-02	7.09E+00
VH36NE	6.95E-02	2.11E+01	-1.91E-01	2.13E+01	1.19E-04	0.00E+00	6.46E+02	2.82E-04	1.16E-02	1.26E-01	3.71E-02	5.09E+00	6.56E-07	2.59E-07	4.23E+01	9.36E-01	5.03E-02	7.28E-01	1.40E-01	2.76E+00	9.05E+02	6.64E+01	2.11E-07	3.96E-07	4.44E-02	8.44E-04	6.76E+00	4.74E+00	9.72E+02	1.76E-04	9.72E+02	9.83E+02	1.15E+01	0.00E+00	0.00E+00	2.88E-02	6.01E+00
VH36NK	1.76E-02	5.07E+00	-3.68E-02	5.10E+00	1.22E-05	0.00E+00	5.49E+02	6.50E-05	3.18E-03	3.45E-02	1.05E-02	9.09E-01	1.34E-08	6.01E-08	2.03E+00	1.80E-01	1.42E-02	1.34E-02	2.39E-02	1.75E+00	6.63E+01	4.54E+01	9.32E-08	1.24E-07	1.06E-02	4.07E-04	3.84E+00	1.28E+00	1.12E+02	1.01E-04	1.12E+02	1.17E+02	5.13E+00	0.00E+00	0.00E+00	2.11E-02	1.03E+00
VH36NKM	2.62E-02	4.80E+00	-5.97E-02	5.34E+00	1.86E-04	0.00E+00	1.51E+03	7.41E-05	3.81E-03	3.98E-02	1.38E-02	2.59E+00	4.73E-07	8.98E-08	3.83E+00	9.05E-01	1.87E-02	9.72E-02	4.45E-02	1.79E+00	9.43E+01	4.89E+01	1.76E-06	1.62E-07	1.27E-02	7.07E-04	3.68E+00	1.74E+00	1.39E+02	1.09E-04	1.37E+02	1.43E+02	6.39E+00	0.00E+00	0.00E+00	1.02E-01	1.91E+00
VH36NN	1.16E-01	2.69E+01	-1.80E-01	2.71E+01	3.12E-05	0.00E+00	3.66E+03	1.68E-04	1.60E-02	1.74E-01	3.66E-02	1.94E+01	6.09E-08	5.49E-07	7.39E+01	4.19E-01	4.96E-02	1.38E+00	2.32E-01	2.73E+00	1.38E+03	6.65E+01	2.92E-07	6.47E-07	6.11E-02	7.50E-04	6.58E+00	4.45E+00	1.44E+03	4.82E-04	1.44E+03	1.45E+03	1.10E+01	0.00E+00	0.00E+00	3.65E-02	9.97E+00
VH36NW	9.50E-02	2.58E+01	-1.48E-01	2.59E+01	3.97E-04	0.00E+00	2.64E+03	2.95E-04	1.51E-02	1.66E-01	3.38E-02	5.91E+00	7.13E-07	3.22E-07	2.26E+01	1.90E+00	4.58E-02	1.36E+00	2.16E-01	3.25E+00	1.33E+03	5.77E+01	2.16E-06	5.38E-07	5.71E-02	1.05E-03	1.13E+01	4.58E+00	1.39E+03	3.68E-04	1.39E+03	1.41E+03	1.59E+01	0.00E+00	0.00E+00	4.42E-02	9.28E+00
VH36NWB	6.34E-02	1.79E+01	-1.47E-01	1.82E+01	2.78E-04	0.00E+00	6.85E+02	1.69E-04	1.06E-02	1.14E-01	3.01E-02	4.34E+00	5.97E-08	1.73E-07	1.33E+01	7.88E-01	4.07E-02	1.24E+00	1.65E-01	2.62E+00	1.17E+03	6.64E+01	2.37E-07	4.33E-07	3.96E-02	6.03E-04	6.07E+00	4.25E+00	1.22E+03	2.19E-04	1.23E+03	1.24E+03	1.10E+01	0.00E+00	0.00E+00	2.19E-02	7.11E+00
VH36NWP	8.86E-02	2.27E+01	-1.45E-01	2.29E+01	5.46E-04	0.00E+00	2.42E+03	2.26E-04	1.32E-02	1.40E-01	3.54E-02	5.92E+00	6.58E-07	2.96E-07	2.47E+01	2.29E+00	4.78E-02	1.27E+00	1.86E-01	3.33E+00	1.23E+03	6.81E+01	2.08E-06	5.00E-07	4.90E-02	1.13E-03	1.02E+01	4.81E+00	1.32E+03	3.12E-04	1.30E+03	1.30E+03	1.69E+01	0.00E+00	0.00E+00	5.88E-02	7.98E+00
VH36WWH	8.28E-02	1.83E+01	-9.78E-02	1.83E+01	1.19E-03	0.00E+00	2.38E+03	2.26E-04	1.07E-02	1.17E-01	3.16E-02	4.47E+00	6.69E-07	2.77E-07	2.69E+01	4.01E+00	4.28E-02	1.43E+00	1.92E-01	4.46E+00	1.29E+03	6.68E+01	2.16E-06	5.08E-07	3.99E-02	1.58E-03	1.45E+01	3.65E+00	1.42E+03	7.47E-04	1.38E+03	1.34E+03	2.11E+01	0.00E+00	0.00E+00	5.88E-02	8.28E+00
VH48AT	9.75E-02	2.62E+01	-2.12E-01	2.64E+01	4.23E-05	0.00E+00	2.78E+03	1.73E-04	1.45E-02	1.58E-01	4.41E-02	1.48E+01	6.00E-08	4.58E-07	6.37E+01	4.91E-01	5.98E-02	9.64E-01	1.79E-01	2.81E+00	1.15E+03	7.62E+01	2.78E-07	5.45E-07	5.62E-02	8.31E-04	6.69E+00	5.19E+00	1.23E+03	2.56E-04	1.23E+03	1.24E+03	1.19E+01	0.00E+00	0.00E+00	3.65E-02	7.70E+00
VH48DKN	8.50E-02	2.53E+01	-1.19E-01	2.55E+01	2.63E-05	0.00E+00	1.93E+03	1.30E-04	1.39E-02	1.51E-01	4.26E-02	9.90E+00	4.02E-08	3.49E-07	5.57E+01	3.17E-01	5.77E-02	9.90E-01	1.82E-01	2.49E+00	1.14E+03	7.57E+01	1.98E-07	4.75E-07	5.34E-02	7.02E-04	6.12E+00	4.15E+00	1.25E+03	2.16E-04	1.25E+03	1.25E+03	1.09E+01	0.00E+00	0.00E+00	2.71E-02	7.94E+00
VH48EP	8.62E-02	2.52E+01	-3.18E-01	2.56E+01	2.71E-05	0.00E+00	1.74E+03	1.34E-04	1.40E-02	1.52E-01	4.30E-02	6.59E+00	6.19E-08	3.01E-07	4.97E+01	3.02E-01	5.82E-02	9.80E-01	1.72E-01	2.60E+00	1.14E+03	7.34E+01	2.02E-07	4.88E-07	5.33E-02	7.21E-04	6.33E+00	5.30E+00	1.20E+03	2.19E-04	1.21E+03	1.22E+03	1.11E+01	0.00E+00	0.00E+00	3.59E-02	7.35E+00
VH48ET	9.28E-02	2.80E+01	-4.57E-01	2.80E+01	5.12E-04	0.00E+00	2.27E+03	1.66E-04	1.48E-02	1.52E-01	4.19E-02	8.19E+00	2.04E-07	3.18E-07	5.16E+01	9.72E-01	5.63E-02	1.11E+00	2.63E-01	3.27E+00	1.24E+03	7.75E+01	2.43E-07	5.33E-07	5.59E-02	1.23E-03	9.52E+00	7.95E+00	1.27E+03	1.03E-02	1.29E+03	1.28E+03	1.16E+01	0.00E+00	0.00E+00	6.32E-02	1.13E+01
VH48MMV	1.05E-01	3.25E+01	-1.37E-01	3.20E+01	3.83E-04	0.00E+00	2.47E+03	2.75E-04	1.92E-02	2.10E-01	3.96E-02	5.09E+00	5.15E-07	3.33E-07	2.60E+01	1.90E+00	5.36E-02	2.06E+00	2.58E-01	3.75E+00	1.78E+03	7.52E+01	1.93E-06	6.16E-07	7.03E-02	1.14E-03	9.30E+00	4.98E+00	1.95E+03	1.47E-03	1.91E+03	1.93E+03	1.72E+01	0.00E+00	0.00E+00	5.19E-02	1.13E+01
VH48NA	8.24E-02	2.51E+01	-2.23E-01	2.53E+01	4.23E-05	0.00E+00	1.59E+03	1.30E-04	1.37E-02	1.49E-01	4.28E-02	6.32E+00	5.01E-08	2.93E-07	4.49E+01	3.95E-01	5.79E-02	9.47E-01	1.61E-01	2.55E+00	1.12E+03	7.49E+01	2.16E-07	4.56E-07	5.27E-02	7.30E-04	6.23E+00	5.06E+00	1.20E+03	1.62E-04	1.20E+03	1.21E+03	1.13E+01	0.00E+00	0.00E+00	3.65E-02	6.91E+00
VH48NC	1.00E-01	2.66E+01	-2.11E-01	2.68E+01	4.23E-05	0.00E+00	3.53E+03	1.77E-04	1.48E-02	1.61E-01	4.45E-02	1.57E+01	6.50E-08	4.80E-07	6.57E+01	4.78E-01	6.03E-02	9.64E-01	1.82E-01	2.94E+00	1.16E+03	7.71E+01	2.88E-07	5.61E-07	5.72E-02	8.68E-04	6.77E+00	5.23E+00	1.24E+03	2.66E-04	1.24E+03	1.25E+03	1.20E+01	0.00E+00	0.00E+00	3.65E-02	7.82E+00
VH48NE	8.24E-02	2.54E+01	-2.08E-01	2.56E+01	1.24E-04	0.00E+00	6.51E+02	3.14E-04	1.39E-02	1.51E-01	4.34E-02	5.39E+00	6.96E-07	2.92E-07	4.31E+01	1.02E+00	5.87E-02	9.67E-01	1.67E-01	2.96E+00	1.12E+03	7.69E+01	2.35E-07	4.62E-07	5.33E-02	9.35E-04	7.10E+00	5.36E+00	1.19E+03	1.82E-04	1.19E+03	1.21E+03	1.25E+01	0.00E+00	0.00E+00	3.65E-02	7.17E+00
VH48NK	1.97E-02	5.64E+00	-4.13E-02	5.68E+00	1.22E-05	0.00E+00	5.49E+02	7.24E-05	3.53E-03	3.83E-02	1.19E-02	9.60E-01	1.44E-08	6.13E-08	2.13E+00	1.98E-01	1.61E-02	1.50E-02	2.55E-02	1.79E+00	7.35E+01	5.16E+01	1.02E-07	1.36E-07	1.18E-02	4.30E-04	3.91E+00	1.42E+00	1.25E+02	1.02E-04	1.25E+02	1.30E+02	5.33E+00	0.00E+00	0.00E+00	2.11E-02	1.10E+00
VH48NKM	3.35E-02	7.46E+00	-4.38E-02	7.50E+00	9.13E-05	0.00E+00	2.53E+03	2.89E-04	4.87E-03	5.41E-02	1.36E-02	5.91E+00	6.92E-07	1.92E-07	1.32E+01	1.05E+00	1.84E-02	4.79E-02	4.98E-02	2.43E+00	1.02E+02	5.55E+01	2.12E-06	2.26E-07	1.68E-02	6.77E-04	6.82E+00	2.00E+00	1.58E+02	1.75E-04	1.58E+02	1.66E+02	8.82E+00	0.00E+00	0.00E+00	2.11E-02	2.14E+00
VH48NMB	8.39E-02	2.36E+01	-9.21E-01	2.46E+01	3.93E-05	0.00E+00	9.72E+02	3.46E-04	1.39E-02	1.50E-01	4.45E-02	6.44E+00	6.51E-07	3.10E-07	2.23E+01	8.98E-01	6.03E-02	9.76E-01	1.68E-01	5.44E+00	1.02E+03	5.81E+01	2.20E-07	4.88E-07	5.24E-02	8.79E-04	4.04E+00	1.43E+01	1.08E+03	4.31E-03	1.08E+03	1.10E+03	1.84E+01	0.00E+00	0.00E+00	0.00E+00	7.24E+00
VH48NN	1.11E-01	2.71E+01	-2.53E-01	2.73E+01	3.12E-05	0.00E+00	3.88E+03	2.02E-04	1.53E-02	1.66E-01	4.55E-02	2.27E+01	6.92E-08	6.11E-07	1.08E+02	5.11E-01	6.16E-02	9.74E-01	1.98E-01	3.00E+00	1.18E+03	7.76E+01	3.45E-07	6.27E-07	5.94E-02	8.85E-04	7.29E+00	5.57E+00	1.25E+03	3.44E-04	1.25E+03	1.27E+03	1.29E+01	0.00E+00	0.00E+00	3.65E-02	8.48E+00
VH48NRM	8.29E-02	2.01E+01	-9.02E-02	2.08E+01	1.92E-05	0.00E+00	5.44E+02	1.52E-04	1.21E-02	1.29E-01	3.25E-02	2.49E+00	1.03E-07	2.65E-07	1.44E+01	3.31E-01	4.39E-02	1.82E+00	1.88E-01	2.38E+00	1.60E+03	6.93E+01	2.43E-07	5.36E-07	4.38E-02	6.08E-04	5.81E+00	3.49E+00	1.70E+03	3.07E-04	1.72E+03	1.72E+03	1.19E+01	0.00E+00	0.00E+00	7.84E-02	8.02E+00
VH48NW	1.09E-01	3.00E+01	-1.50E-01	3.01E+01	5.39E-04	0.00E+00	2.66E+03	3.06E-04	1.74E-02	1.92E-01	3.90E-02	5.97E+00	7.17E-07	3.50E-07	2.30E+01	2.31E+00	5.28E-02	1.65E+00	2.50E-01	3.61E+00	1.57E+03	6.73E+01	2.19E-06	6.09E-07	6.62E-02	1.23E-03	1.21E+01	5.09E+00	1.64E+03	4.05E-04	1.64E+03	1.66E+03	1.72E+01	0.00E+00	0.00E+00	4.42E-02	1.07E+01
VH48NWB	9.03E-02	2.38E+01	-1.49E-01	2.48E+01	2.78E-04	0.00E+00	7.01E+02	1.77E-04	1.43E-02	1.47E-01	3.62E-02	4.82E+00	6.46E-08	2.94E-07	2.41E+01	7.89E-01	4.90E-02	1.78E+00	1.90E-01	2.78E+00	1.50E+03	7.35E+01	2.80E-07	4.89E-07	5.39E-02	6.59E-04	6.30E+00	4.92E+00	1.60E+03	3.28E-04	1.64E+03	1.67E+03	1.19E+01	0.00E+00	0.00E+00	2.32E-02	8.30E+00
VH48NWP	9.87E-02	2.93E+01	-1.41E-01	2.95E+01	5.57E-04	0.00E+00	2.50E+03	2.86E-04	1.68E-02	1.84E-01	3.96E-02	5.95E+00	6.99E-07	3.18E-07	2.40E+01	2.30E+00	5.35E-02	1.43E+00	2.24E-01	3.43E+00	1.43E+03	7.13E+01	2.10E-06	5.75E-07	6.25E-02	1.22E-03	1.04E+01	5.20E+00	1.56E+03	3.16E-04	1.51E+03	1.51E+03	1.69E+01	0.00E+00	0.00E+00	6.16E-02	9.56E+00
VH48WWH	8.65E-02	2.32E+01	-8.58E-02	2.33E+01	1.09E-03	0.00E+00	2.66E+03	3.14E-04	1.38E-02	1.53E-01	4.43E-02	6.03E+00	7.28E-07	2.96E-07	3.26E+01	3.87E+00	5.99E-02	1.11E-01	2.68E-01	4.86E+00	9.42E+02	8.07E+01	2.28E-06	5.13E-07	5.07E-02	1.89E-03	1.67E+01	5.61E+00	1.02E+03	3.30E-04	1.02E+03	1.05E+03	2.23E+01	0.00E+00	0.00E+00	4.42E-02	1.15E+01
VH48WWV	1.08E-01	3.47E+01	-1.24E-01	3.43E+01	6.99E-04	0.00E+00	2.47E+03	2.76E-04	2.03E-02	2.18E-01	3.97E-02	5.08E+00	5.22E-07	3.31E-07	2.78E+01	2.26E+00	5.38E-02	2.39E+00	3.20E-01	4.41E+00	1.86E+03	7.74E+01	1.97E-06	6.24E-07	7.36E-02	1.52E-03	1.27E+01	4.98E+00	2.06E+03	1.47E-03	2.01E+03	2.03E+03	2.01E+01	0.00E+00	0.00E+00	5.19E-02	1.38E+01
VH602NWH	1.40E-01	3.58E+01	-1.41E-01	3.62E+01	5.42E-04	0.00E+00	3.23E+03	2.23E-04	2.05E-02	2.31E-01	4.75E-02	1.22E+01	2.11E-07	4.56E-07	5.75E+01	2.33E+00	6.45E-02	2.06E+00	2.83E-01	3.54E+00	1.86E+03	9.42E+01	1.04E-06	7.40E-07	7.93E-02	1.28E-03	7.81E+00	5.58E+00	1.96E+03	4.57E-04	1.96E+03	1.97E+03	1.63E+01	0.00E+00	0.00E+00	5.00E-02	1.19E+01
VH602WWH	1.54E-01	4.13E+01	-8.66E-02	4.14E+01	1.25E-03	0.00E+00	3.44E+03	2.61E-04	2.37E-02	2.61E-01	4.24E-02	1.29E+01	3.03E-07	5.31E-07	6.32E+01	4.05E+00	5.73E-02	2.86E+00	4.76E-01	5.80E+00	2.06E+03	1.12E+02	1.23E-06	8.56E-07	9.06E-02	2.28E-03	1.62E+01	5.80E+00	2.17E+03	4.87E-04	2.17E+03	2.19E+03	2.19E+01	0.00E+00	0.00E+00	2.88E-02	2.05E+01
VH603NWH	1.39E-01	3.53E+01	-1.69E-01	3.55E+01	5.12E-04	0.00E+00	3.30E+03	1.99E-04	2.04E-02	2.29E-01	4.86E-02	1.39E+01	2.12E-07	4.89E-07	6.52E+01	2.25E+00	6.60E-02	2.05E+00	2.80E-01	3.48E+00	1.86E+03	9.49E+01	1.03E-06	7.49E-07	7.85E-02	1.27E-03	7.74E+00	5.59E+00	1.96E+03	4.60E-04	1.96E+03	1.98E+03	1.60E+01	0.00E+00	0.00E+00	5.13E-02	1.17E+01
VH603WWH	1.42E-01	3.80E+01	-1.55E-01	3.82E+01	9.29E-04	0.00E+00	3.23E+03	2.05E-04	2.17E-02	2.40E-01	4.44E-02	1.36E+01	2.29E-07	4.86E-07	6.37E+01	3.06E+00	6.00E-02	2.51E+00	3.83E-01	4.75E+00	1.94E+03	1.02E+02	1.09E-06	7.61E-07	8.31E-02	1.80E-03	1.26E+01	5.51E+00	2.06E+03	4.48E-04	2.07E+03	2.07E+03	1.89E+01	0.00E+00	0.00E+00	4.44E-02	1.63E+01
VH60AT	1.31E-01	3.33E+01	-2.31E-01	3.37E+01	4.75E-05	0.00E+00	3.32E+03	1.95E-04	1.90E-02	2.09E-01	4.95E-02	1.52E+01	7.32E-08	4.76E-07	7.11E+01	3.96E-01	6.72E-02	1.56E+00	2.33E-01	2.98E+00	1.66E+03	9.18E+01	3.19E-07	7.00E-07	7.35E-02	8.72E-04	6.80E+00	5.70E+00	1.75E+03	4.09E-04	1.75E+03	1.76E+03	1.25E+01	0.00E+00	0.00E+00	3.90E-02	1.02E+01

VH60DKN	1.17E-01	3.30E+01	-1.22E-01	3.30E+01	3.30E-05	0.00E+00	2.18E+03	1.88E-04	1.84E-02	2.03E-01	5.06E-02	1.10E+01	5.86E-08	3.99E-07	9.01E+01	4.01E-01	6.85E-02	1.56E+00	2.54E-01	2.68E+00	1.58E+03	9.11E+01	2.47E-07	6.18E-07	7.14E-02	8.73E-04	6.22E+00	4.64E+00	1.61E+03	3.02E-04	1.66E+03	1.68E+03	1.18E+01	0.00E+00	0.00E+00	2.85E-02	1.08E+01
VH60EP	1.19E-01	3.25E+01	-5.99E-01	3.26E+01	3.45E-05	0.00E+00	2.34E+03	1.80E-04	1.83E-02	1.97E-01	5.03E-02	1.33E+01	1.36E-07	4.31E-07	8.71E+01	4.15E-01	6.80E-02	1.51E+00	2.41E-01	3.12E+00	1.57E+03	9.43E+01	2.64E-07	6.25E-07	7.04E-02	8.63E-04	6.52E+00	1.06E+01	1.59E+03	3.08E-04	1.64E+03	1.66E+03	1.26E+01	0.00E+00	0.00E+00	3.86E-02	1.03E+01
VH60ET	1.17E-01	3.35E+01	-1.23E-01	3.40E+01	1.40E-04	0.00E+00	2.20E+03	1.63E-04	1.84E-02	2.02E-01	4.54E-02	1.21E+01	6.41E-08	4.21E-07	6.86E+01	7.58E-01	6.14E-02	1.64E+00	2.86E-01	3.26E+00	1.55E+03	9.15E+01	2.59E-07	5.92E-07	7.16E-02	9.90E-04	7.86E+00	4.39E+00	1.61E+03	3.01E-03	1.65E+03	1.68E+03	1.18E+01	0.00E+00	0.00E+00	5.23E-02	1.21E+01
VH60MMV	1.24E-01	3.47E+01	-1.37E-01	3.45E+01	3.85E-04	0.00E+00	2.48E+03	2.95E-04	1.99E-02	2.19E-01	4.43E-02	5.20E+00	5.26E-07	3.46E-07	2.65E+01	1.92E+00	5.98E-02	2.06E+00	2.92E-01	3.75E+00	1.84E+03	8.78E+01	1.94E-06	6.69E-07	7.53E-02	1.23E-03	9.17E+00	5.10E+00	1.94E+03	1.48E-03	1.94E+03	1.94E+03	1.72E+01	0.00E+00	0.00E+00	5.24E-02	1.25E+01
VH60NA	1.05E-01	3.06E+01	-2.49E-01	3.09E+01	4.68E-05	0.00E+00	2.30E+03	1.65E-04	1.67E-02	1.82E-01	4.92E-02	1.08E+01	6.02E-08	4.10E-07	6.84E+01	4.74E-01	6.67E-02	1.34E+00	2.01E-01	2.91E+00	1.38E+03	9.12E+01	2.76E-07	5.77E-07	6.48E-02	8.74E-04	6.72E+00	5.70E+00	1.47E+03	2.11E-04	1.47E+03	1.48E+03	1.24E+01	0.00E+00	0.00E+00	4.42E-02	8.63E+00
VH60NE	1.19E-01	3.29E+01	-4.01E-01	3.31E+01	1.52E-04	0.00E+00	1.39E+03	3.65E-04	1.89E-02	2.05E-01	5.06E-02	7.83E+00	7.10E-07	3.58E-07	9.03E+01	1.14E+00	6.83E-02	1.66E+00	2.58E-01	2.94E+00	1.63E+03	9.15E+01	3.39E-07	6.35E-07	7.19E-02	8.93E-04	6.91E+00	7.62E+00	1.68E+03	2.98E-04	1.72E+03	1.75E+03	1.26E+01	0.00E+00	0.00E+00	3.91E-02	1.11E+01
VH60NK	2.32E-02	6.66E+00	-4.82E-02	6.71E+00	1.22E-05	0.00E+00	5.51E+02	8.58E-05	4.13E-03	4.47E-02	1.41E-02	1.02E+00	1.60E-08	6.32E-08	2.08E+00	2.28E-01	1.91E-02	1.76E-02	2.83E-02	1.89E+00	8.59E+01	6.23E+01	1.17E-07	1.55E-07	1.38E-02	4.69E-04	4.00E+00	1.64E+00	1.48E+02	1.02E-04	1.48E+02	1.54E+02	5.63E+00	0.00E+00	0.00E+00	2.11E-02	1.22E+00
VH60NKM	4.41E-02	6.87E+00	-2.55E-01	7.16E+00	2.35E-04	0.00E+00	1.63E+03	7.96E-05	5.11E-03	5.33E-02	1.60E-02	3.99E+00	4.83E-07	1.65E-07	1.16E+01	1.04E+00	2.19E-02	1.01E-01	6.16E-02	2.69E+00	1.18E+02	4.94E+01	1.76E-06	2.72E-07	1.75E-02	7.09E-04	5.54E+00	5.10E+00	1.70E+02	1.14E-04	1.64E+02	1.75E+02	9.23E+00	0.00E+00	0.00E+00	1.03E-01	2.64E+00
VH60NN	1.56E-01	3.78E+01	-2.31E-01	3.80E+01	4.68E-05	0.00E+00	4.21E+03	2.23E-04	2.21E-02	2.40E-01	5.08E-02	2.27E+01	7.54E-08	6.74E-07	9.49E+01	5.93E-01	6.88E-02	2.01E+00	3.17E-01	3.31E+00	1.97E+03	9.35E+01	3.65E-07	8.57E-07	8.49E-02	1.01E-03	7.56E+00	5.86E+00	2.07E+03	5.90E-04	2.07E+03	2.08E+03	1.34E+01	0.00E+00	0.00E+00	4.42E-02	1.36E+01
VH60NW	1.24E-01	3.47E+01	-1.54E-01	3.48E+01	6.80E-04	0.00E+00	2.67E+03	3.23E-04	1.99E-02	2.19E-01	4.50E-02	6.03E+00	7.22E-07	3.78E-07	2.33E+01	2.74E+00	6.08E-02	1.95E+00	2.84E-01	4.01E+00	1.82E+03	8.14E+01	2.21E-06	6.87E-07	7.61E-02	1.43E-03	1.29E+01	5.68E+00	1.90E+03	4.41E-04	1.90E+03	1.92E+03	1.85E+01	0.00E+00	0.00E+00	4.42E-02	1.22E+01
VH60NWB	1.15E-01	3.10E+01	-1.52E-01	3.16E+01	2.79E-04	0.00E+00	7.13E+02	2.53E-04	1.84E-02	2.11E-01	4.23E-02	5.19E+00	6.89E-08	3.19E-07	2.53E+01	7.87E-01	5.73E-02	1.92E+00	2.61E-01	2.85E+00	1.67E+03	8.41E+01	2.91E-07	6.33E-07	7.15E-02	8.49E-04	6.33E+00	5.29E+00	1.75E+03	3.36E-04	1.78E+03	1.82E+03	1.24E+01	0.00E+00	0.00E+00	2.55E-02	1.15E+01
VH60NWP	1.23E-01	3.43E+01	-1.49E-01	3.46E+01	6.87E-04	0.00E+00	2.65E+03	3.08E-04	1.97E-02	2.17E-01	4.53E-02	6.11E+00	7.13E-07	3.46E-07	2.60E+01	2.65E+00	6.12E-02	1.92E+00	2.68E-01	3.48E+00	1.82E+03	8.35E+01	2.15E-06	6.90E-07	7.53E-02	1.29E-03	1.05E+01	5.52E+00	1.92E+03	4.11E-04	1.91E+03	1.93E+03	1.73E+01	0.00E+00	0.00E+00	6.24E-02	1.14E+01
VH60WWH	1.28E-01	3.79E+01	-1.26E-01	3.78E+01	1.26E-03	0.00E+00	2.62E+03	2.98E-04	2.15E-02	2.34E-01	4.22E-02	5.96E+00	7.25E-07	3.56E-07	3.06E+01	4.25E+00	5.69E-02	2.51E+00	3.73E-01	4.46E+00	1.97E+03	9.36E+01	2.23E-06	6.98E-07	8.04E-02	1.82E-03	1.48E+01	5.28E+00	2.10E+03	8.28E-04	2.08E+03	2.11E+03	2.13E+01	0.00E+00	0.00E+00	6.15E-02	1.61E+01
VH60WWV	1.11E-01	3.56E+01	-1.24E-01	3.49E+01	7.02E-04	0.00E+00	2.47E+03	2.77E-04	2.05E-02	2.19E-01	3.97E-02	5.19E+00	5.33E-07	3.47E-07	2.79E+01	2.27E+00	5.38E-02	2.53E+00	3.20E-01	4.37E+00	1.93E+03	8.96E+01	1.98E-06	6.51E-07	7.43E-02	1.53E-03	1.25E+01	5.07E+00	2.08E+03	1.48E-03	2.06E+03	2.07E+03	2.01E+01	0.00E+00	0.00E+00	5.20E-02	1.38E+01
VR108NE	6.56E-03	1.31E+00	-7.81E-02	1.44E+00	2.20E-06	0.00E+00	6.57E+00	1.07E-05	1.02E-03	1.07E-02	3.88E-03	5.66E-01	3.15E-08	1.44E-08	2.26E+00	2.33E-01	5.17E-03	2.28E-02	1.22E-02	4.40E-01	2.99E+01	1.31E+01	3.23E-08	3.95E-08	3.39E-03	2.55E-04	1.13E+00	1.53E+00	4.11E+01	2.08E-04	4.09E+01	4.17E+01	2.92E+00	0.00E+00	0.00E+00	7.39E-02	5.25E-01
VR108NH	6.58E-03	1.32E+00	-8.14E-02	1.43E+00	1.52E-06	0.00E+00	4.37E+02	2.65E-05	1.02E-03	1.07E-02	3.64E-03	7.42E-01	3.09E-08	1.25E-08	2.17E+00	2.84E-01	4.88E-03	2.20E-02	1.13E-02	4.61E-01	3.02E+01	1.28E+01	3.90E-08	3.88E-08	3.54E-03	2.62E-04	1.25E+00	1.44E+00	4.10E+01	2.39E-04	4.02E+01	4.06E+01	2.94E+00	0.00E+00	0.00E+00	8.04E-02	4.85E-01
VR108NP	8.95E-03	1.68E+00	-1.26E-01	1.85E+00	6.84E-06	0.00E+00	8.72E+00	1.02E-04	1.46E-03	1.48E-02	4.76E-03	1.40E+00	1.92E-07	3.68E-08	4.77E+00	4.42E-01	6.48E-03	3.57E-02	1.64E-02	5.31E-01	4.74E+01	1.23E+01	5.68E-08	5.24E-08	4.89E-03	3.00E-04	1.62E+00	2.12E+00	5.38E+01	2.50E-04	5.76E+01	7.70E+01	3.95E+00	0.00E+00	0.00E+00	1.20E-01	7.08E-01
VR108PP	7.33E-03	1.41E+00	-1.24E-01	1.53E+00	8.56E-05	0.00E+00	9.02E+00	1.07E-04	1.18E-03	1.26E-02	5.21E-03	1.43E+00	2.31E-07	4.30E-08	5.13E+00	5.47E-01	7.05E-03	3.82E-02	1.45E-02	5.37E-01	4.07E+01	8.46E+00	2.94E-08	5.04E-08	3.89E-03	2.90E-04	2.10E+00	2.10E+00	4.92E+01	2.65E-05	4.92E+01	5.34E+01	4.20E+00	0.00E+00	0.00E+00	2.23E-01	6.24E-01
VR108TD	9.01E-03	1.58E+00	-7.73E-02	1.70E+00	9.41E-05	0.00E+00	8.65E+00	9.73E-05	1.26E-03	1.34E-02	5.05E-03	1.43E+00	1.88E-07	3.94E-08	4.83E+00	6.15E-01	6.86E-03	3.38E-02	1.67E-02	5.92E-01	3.60E+01	1.12E+01	5.52E-08	5.19E-08	4.27E-03	3.37E-04	2.10E+00	1.53E+00	4.77E+01	2.56E-04	4.71E+01	5.12E+01	4.19E+00	0.00E+00	0.00E+00	1.23E-01	7.12E-01
VR108TF	8.90E-03	1.68E+00	-1.27E-01	1.85E+00	1.03E-04	0.00E+00	8.75E+00	4.87E-05	1.46E-03	1.48E-02	4.45E-03	1.29E+00	1.03E-07	3.21E-08	4.28E+00	5.62E-01	6.04E-03	2.96E-02	1.66E-02	5.77E-01	4.67E+01	1.21E+01	6.06E-08	5.36E-08	4.79E-03	3.26E-04	1.84E+00	2.46E+00	5.26E+01	2.29E-04	5.68E+01	7.57E+01	3.66E+00	0.00E+00	0.00E+00	1.13E-01	7.14E-01
VR108TP	8.78E-03	1.62E+00	-1.17E-01	1.78E+00	9.63E-05	0.00E+00	8.92E+00	9.93E-05	1.31E-03	1.38E-02	5.18E-03	1.42E+00	2.07E-07	4.04E-08	4.94E+00	6.44E-01	7.02E-03	3.56E-02	1.65E-02	6.08E-01	3.71E+01	1.35E+01	6.11E-08	5.10E-08	4.44E-03	3.60E-04	2.14E+00	2.08E+00	4.83E+01	2.51E-04	4.78E+01	5.30E+01	4.29E+00	0.00E+00	0.00E+00	1.24E-01	7.03E-01
VR112NE	7.08E-03	1.18E+00	-1.87E-01	1.37E+00	0.00E+00	0.00E+00	6.94E+00	6.15E-06	1.11E-03	1.15E-02	5.71E-03	4.96E+00	2.49E-08	1.46E-08	1.76E+00	1.08E-01	7.73E-03	3.03E-02	1.17E-02	4.80E-01	2.08E+01	7.54E+00	1.57E-07	1.44E-07	3.57E-03	2.64E-04	9.14E-01	2.76E+00	2.83E+01	6.86E-05	2.83E+01	3.20E+01	3.68E+00	0.00E+00	0.00E+00	2.97E-01	5.04E-01
VR112NH	9.71E-03	1.46E+00	-8.28E-02	1.59E+00	3.52E-06	0.00E+00	4.38E+02	3.04E-05	1.13E-03	1.22E-02	4.18E-03	1.51E+00	3.63E-08	1.80E-08	2.49E+00	2.99E-01	5.63E-03	2.43E-02	2.01E-02	5.49E-01	2.41E+01	1.56E+01	6.91E-08	5.32E-08	4.00E-03	3.14E-04	1.21E+00	1.57E+00	4.05E+01	4.35E-04	4.24E+01	4.34E+01	3.08E+00	0.00E+00	0.00E+00	8.72E-02	8.72E-01
VR112PD	9.82E-03	1.92E+00	-1.75E-01	2.15E+00	1.11E-04	0.00E+00	3.76E+01	1.09E-04	1.61E-03	1.70E-02	6.77E-03	2.06E+00	2.08E-07	4.83E-08	6.26E+00	6.92E-01	9.11E-03	3.78E-02	2.03E-02	7.72E-01	3.90E+01	1.41E+01	1.52E-07	1.06E-07	5.14E-03	4.19E-04	2.00E+00	3.07E+00	5.69E+01	1.55E-04	5.33E+01	5.75E+01	4.74E+00	0.00E+00	0.00E+00	1.72E-01	8.68E-01
VR112PP	9.92E-03	1.82E+00	-1.72E-01	1.99E+00	1.10E-04	0.00E+00	1.20E+01	1.09E-04	1.54E-03	1.64E-02	6.77E-03	6.39E+00	2.38E-07	5.32E-08	5.19E+00	6.37E-01	9.16E-03	4.64E-02	1.87E-02	8.28E-01	3.28E+01	1.07E+01	1.80E-07	1.71E-07	5.14E-03	4.40E-04	2.13E+00	2.87E+00	4.35E+01	9.10E-05	4.35E+01	4.85E+01	5.00E+00	0.00E+00	0.00E+00	2.97E-01	8.01E-01
VR112TD	1.01E-02	2.02E+00	-8.87E-02	2.20E+00	1.15E-04	0.00E+00	3.79E+01	1.01E-04	1.64E-03	1.76E-02	6.71E-03	2.12E+00	1.97E-07	4.71E-08	6.37E+00	7.57E-01	9.08E-03	3.58E-02	2.03E-02	8.23E-01	3.84E+01	1.45E+01	1.44E-07	1.06E-07	5.67E-03	4.38E-04	2.18E+00	1.71E+00	5.61E+01	2.33E-04	5.38E+01	5.63E+01	4.73E+00	0.00E+00	0.00E+00	1.67E-01	8.67E-01
VR112TP	9.99E-03	1.95E+00	-1.72E-01	2.18E+00	1.23E-04	0.00E+00	3.75E+01	1.06E-04	1.63E-03	1.72E-02	6.77E-03	2.06E+00	2.11E-07	4.83E-08	6.31E+00	7.73E-01	9.11E-03	3.78E-02	2.03E-02	7.77E-01	3.91E+01	1.41E+01	1.52E-07	1.06E-07	5.23E-03	4.35E-04	2.08E+00	3.05E+00	5.69E+01	1.55E-04	5.34E+01	5.75E+01	4.74E+00	0.00E+00	0.00E+00	1.68E-01	8.68E-01
VR118NE	8.06E-03	1.53E+00	-2.29E-01	1.75E+00	0.00E+00	0.00E+00	7.99E+00	5.99E-06	1.39E-03	1.43E-02	7.42E-03	1.03E-02	3.05E-08	9.12E-09	1.80E+00	1.46E-01	1.00E-02	4.48E-02	1.41E-02	4.17E-01	5.92E+01	1.02E+01	1.15E-08	3.94E-08	4.39E-03	2.50E-04	8.74E-01	3.40E+00	6.94E+01	8.90E-06	6.94E+01	7.36E+01	4.27E+00	0.00E+00	0.00E+00	3.70E-01	6.05E-01
VR118NH	1.08E-02	2.17E+00	-8.50E-02	2.28E+00	5.11E-06	0.00E+00	4.81E+02	3.20E-05	1.65E-03	1.84E-02	5.76E-03	1.30E+00	3.91E-08	2.11E-08	3.12E+00	2.97E-01	7.81E-03	3.35E-02	2.19E-02	6.48E-01	3.70E+01	1.75E+01	3.94E-08	5.90E-08	5.98E-03	3.70E-04	1.17E+00	1.76E+00	5.29E+01	4.44E-04	5.30E+01	5.38E+01	4.15E+00	0.00E+00	0.00E+00	1.63E-01	9.42E-01
VR118NP	1.13E-02	2.37E+00	-1.43E-01	2.62E+00	5.29E-06	0.00E+00	3.49E+01	5.69E-05	2.10E-03	2.09E-02	7.81E-03	1.47E+00	5.42E-07	3.82E-08	1.03E+01	2.89E-01	1.06E-02	5.02E-02	2.57E-02	8.31E-01	5.71E+01	1.77E+01	9.85E-08	8.86E-08	6.84E-03	4.29E-04	1.66E+00	2.09E+00	7.46E+01	2.98E-04	7.40E+01	8.02E+01	5.03E+00	0.00E+00	0.00E+00	2.24E-01	1.10E+00
VR118PD	1.08E-02	2.53E+00	-1.54E-01	2.80E+00	1.56E-04	0.00E+00	2.23E+01	5.88E-05	2.16E-03	2.15E-02	8.43E-03	1.29E+00	5.39E-07	3.63E-08	9.69E+00	8.67E-01	1.14E-02	4.70E-02	2.35E-02	1.07E+00	5.98E+01	1.86E+01	1.33E-07	9.27E-08	6.98E-03	5.88E-04	2.26E+00	2.73E+00	8.06E+01	2.64E-04	7.67E+01	8.60E+01	5.30E+00	0.00E+00	0.00E+00	2.05E-01	1.02E+00
VR118PP	1.67E-02	2.61E+00	-1.85E-01	2.79E+00	1.49E-04	0.00E+00	1.77E+01	1.18E-04	2.19E-03	2.30E-02	9.18E-03	5.51E+00	8.57E-07	1.26E-07	1.45E+01	7.93E-01	1.24E-02	6.32E-02	3.17E-02	1.05E+00	7.63E+01	1.42E+01	6.73E-08	1.10E-07	7.37E-03	5.13E-04	2.63E+00	3.57E+00	9.05E+01	8.66E-05	9.05E+01	9.67E+01	6.20E+00	0.00E+00	0.00E+00	3.70E-01	1.36E+00
VR118TP	1.76E-02	2.94E+00	-2.32E-01	3.14E+00	1.71E-04	0.00E+00	3.98E+01	7.09E-05	2.28E-03	2.45E-02	8.98E-03	4.54E+00	5.56E-07	8.57E-08	1.27E+01	9.43E-01	1.21E-02	5.61E-02	3.19E-02	1.11E+00	6.61E+01	1.89E+01	1.31E-07	1.70E-07	8.03E-03	6.02E-04	2.30E+00	4.27E+00	8.89E+01	3.75E-04	8.74E+01	9.50E+01	7.15E+00	0.00E+00	0.00E+00	2.15E-01	1.39E+00
VR212NE	1.22E-02	2.55E+00	-2.33E-01	2.78E+00	0.00E+00	0.00E+00	1.18E+01	1.07E-05	2.05E-03	2.16E-02	9.43E-03	1.25E+01	3.24E-08	4.42E-08	1.89E+00	2.10E-01	1.28E-02	7.01E-02	2.62E-02	9.74E-01	4.29E+01	1.43E+01	3.88E-07	3.41E-07	7.04E-03	5.43E-04	1.17E+00	3.62E+00	5.72E+01	1.74E-04	5.72E+01	6.20E+01	4.78E+00	0.00E+00	0.00E+00	4.31E-01	1.13E+00
VR212NE1	5.15E-03	9.77E-01	-4.81E-02	1.03E+00	6.07E-06	0.00E+00	1.56E+01	1.49E-05	7.17E-04	7.12E-03	2.81E-03	9.41E-01	3.31E-08	1.35E-08	2.66E+00	2.27E-01	3.66E-03	9.14E-03	8.78E-03	4.34E-01	1.51E+01	1.28E+01	2.28E-08	3.98E-08	2.42E-03	2.40E-04	4.51E-01	9.51E-01	2.50E+01	5.58E-04	2.53E+01	2.66E+01	2.61E+00	0.00E+00	0.00E+00	9.68E-03	3.80E-01
VR212NE2	2.46E-03	2.87E-01	-1.30E-02	2.93E-01	2.19E-06	0.00E+00	2.37E+00	7.80E-06	2.05E-04	2.16E-03	9.53E-04	5.93E-01	1.47E-08	7.91E-09	1.87E+00	9.61E-02	1.32E-03	2.53E-03	2.93E-03	1.27E-01	5.58E+00	3.76E+00	1.75E-08	1.30E-08	6.40E-04	3.56E-05	7.85E-01	2.30E-01	7.53E+00	4.86E-06	7.34E+00	8.24E+00	9.07E-01	0.00E+00	0.00E+00	8.83E-03	1.26E-01
VR212NE3	4.35E-03	9.12E-01	-3.43E-02	9.42E-01	6.44E-06	0.00E+00	1.00E+01	1.59E-05	5.96E-04	6.47E-03	2.35E-03	8.94E-01	9.61E-08	1.27E-08	2.88E+00	2.01E-01	3.14E-03	1.55E-02	7.82E-03	2.76E-01	1.79E+01	1.26E+01	2.33E-08	2.90E-08	2.05E-03	1.48E-04	6.63E-01	4.54E-01	2.88E+01	1.51E-03	3.05E+01	2.98E+01	1.20E+00	0.00E+00	0.00E+00	5.63E-02	3.31E-01
VR212NEB	1.26E-02	2.27E+00	-1.91E-01	2.46E+00	0.00E+00	0.00E+00	1.01E+01	9.28E-06	1.83E-03	1.94E-02	8.97E-03	9.92E+00	2.75E-08	2.84E-08	6.95E-01	2.08E-01	1.21E-02	5.77E-02	2.21E-02	8.39E-01	3.67E+01	1.48E+01	3.07E-07	2.77E-07	6.22E-03	4.76E-04	1.25E+00	3.10E+00	5.15E+01	1.37E-04	5.15E+01	5.59E+01	4.35E+00	0.00E+00	0.00E+00	4.31E-01	9.51E-01
VR212NH	9.93E-03	2.72E+00	-1.31E-01	2.89E+00	1.71E-06	0.00E+00	4.85E+02	3.66E-05	2.17E-03	2.23E-02	8.44E-03	2.23E+00	1.05E-07	2.73E-08	2.25E+00	3.25E-01	1.15E-02	4.54E-02	2.21E-02	9.79E-01	4.72E+01	2.38E+01	2.81E-07	1.02E-07	7.37E-03	5.29E-04	1.81E+00	2.00E+00	7.33E+01	6.38E-04	7.19E+01	7.51E+01	4.82E+00	0.00E+00	0.00E+00	1.59E-01	9.50E-01
VR212NH1	5.15E-03	9.77E-01	-4.81E-02	1.03E+00	6.16E-06	0.00E+00	1.56E+01	1.51E-05	7.17E-04	7.13E-03	2.81E-03	9.43E-01	3.39E-08	1.35E-08	2.69E+00	2.27E-01	3.66E-03	9.14E-03	8.78E-03	4.34E-01	1.51E+01	1.29E+01	2.27E-08	3.98E-08	2.42E-03	2.40E-04	4.54E-01	9.51E-01	2.50E+01	5.58E-04	2.53E+01	2.69E+01	2.61E+00	0.00E+00	0.00E+00	9.68E-03	3.80E-01
VR212PD	1.80E-02	3.27E+00	-8.89E-02	3.56E+00	1.25E-05	0.00E+00	1.48E+02	1.29E-04	2.71E-03	2.82E-02	1.13E-02	1.02E+01	2.21E-07	9.02E-08	6.55E+00	6.32E-01	1.53E-02	6.93E-02	3.80E-02	1.19E+00	5.33E+01	3.13E+01	2.90E-07	2.75E-07	8.98E-03	6.80E-04	2.38E+00	2.07E+00	8.06E+01	2.95E-03	8.00E+01	8.45E+01	5.94E+00	0.00E+00	0.00E+00	2.19E-01	1.64E+00
VR212PDM	1.66E-02	3.62E+00	-2.33E-01	3.81E+00	2.90E-06	0.00E+00	1.04E+02	3.70E-05	2.96E-03	3.10E-02	1.06E-02	7.33E+00	4.44E-08	5.08E-08	2.53E+00	5.31E-01	1.44E-02	4.04E-02	2.92E-02	9.65E-01	4.80E+01	3.13E+01	9.63E-08	1.50E-07	9.77E-03	6.61E-04	1.65E+00	3.67E+00	8.52E+01	3.02E-03	8.66E+01	9.07E+01	5.22E+00	0.00E+00	0.00E+00	1.13E-01	1.25E+00
VR212PP	1.64E-02	3.27E+00	-2.15E-01	3.49E+00	1.61E-05	0.00E+00	1.59E+01	1.53E-04	2.62E-03	2.79E-02	1.14E-02	1.16E+01	2.79E-07	7.51E-08	5.85E+00	6.75E-01	1.54E-02	8.06E-02	3.54E-02	1.22E+00	4.86E+01	2.39E+01	3.33E-07	3.17E-07	8.90E-03	6.91E-04	2.24E+00	3.81E+00	7.24E+01	1.70E-04	7.24E+01	7.85E+01	6.05E+00	0.00E+00	0.00E+00	4.31E-01	1.52E+00
VR212PPC	1.80E-02	3.14E+00	-2.27E-01	3.46E+00	1.18E-05	0.00E+00	1.77E+02	1.36E-04	2.71E-03	2.78E-02	1.07E-02	1.06E+01	2.36E-07	8.90E-08	6.49E+00	5.93E-01	1.45E-02	6.85E-02	3.74E-02	1.15E+00	5.35E+01	2.82E+01	3.13E-07	2.75E-07	8.89E-03	6.77E-04	2.12E+00	3.70E+00	7.88E+01	3.10E-03	7.89E+01	8.20E+01	5.64E+00	0.00E+00	0.00E+00	2.37E-01	1.60E+00
VR212PPH	1.80E-02	3.19E+00	-2.43E-01	3.55E+00	1.24E-05	0.00E+00	6.83E+02	1.36E-04	2.74E-03	2.80E-02	1.07E-02	1.06E+01	2.88E-07	9.13E-08	6.55E+00	5.95E-01	1.45E-02	6.73E-02	3.72E-02	1.15E+00	5.66E+01	2.90E+01	3.47E-07	2.73E-07	8.99E-03	6.81E-04	2.20E+00	3.70E+00	8.27E+01	2.96E-03	8.37E+01	8.63E+01	5.62E+00	0.00E+00	0.00E+00	2.37E-01	1.59E+00
VR212TD	1.98E-02	3.23E+00	-2.66E-01	3.38E+00	3.49E-04	0.00E+00	3.64E+02	1.31E-04	2.63E-03	2.74E-02	1.13E-02	1.04E+01	2.45E-07	1.03E-07	8.41E+00	1.64E+00	1.53E-02	5.97E-02	4.01E-02	1.52E+00	5.82E+01	3.60E+01	3.07E-07	2.81E-07	8.69E-03	1.15E-03	3.65E+00	5.31E+00	8.74E+01	2.32E-03	8.50E+01	8.90E+01	8.83E+00	0.00E+00	0.00E+00	1.93E-01	1.72E+00
VR212TF	1.89E-02	3.16E+00	-2.35E-01	3.34E+00	3.47E-04	0.00E+00	1.30E+02	1.16E-04	2.62E-03	2.72E-02	1.09E-02	9.58E+00	2.36E-07	9.62E-08	7.79E+00	1.61E+00	1.48E-02	5.83E-02	3.90E-02	1.48E+00	5.84E+01	3.26E+01	2.85E-07	2.65E-07	8.61E-03	1.06E-03	3.55E+00	4.44E+00	8.57E+01	1.47E-03	8.35E+01	8.85E+01	8.38E+00	0.00E+00	0.00E+00	2.13E-01	1.68E+00
VS104PD	6.03E-03	1.42E+00	-1.35E-01	1.59E+00	1.24E-05	0.00E+00	8.15E+00	2.79E-05	1.18E-03	1.27E-02	4.37E-03	5.37E-01	9.33E-08	1.26E-08	2.36E+00	2.55E-01	5.90E-03	8.59E-03	1.39E-02	5.23E-01	1.80E+01	1.65E+01	3.23E-08	4.25E-08	4.07E-03	3.25E-04	6.21E-01	2.31E+00	3.18E+01	3.50E-03	3.64E+01	4.26E+01	2.96E+00	0.00E+00	0.00E+00	7.32E-03	5.98E-01
VS104PE	5.09E-03	1.27E+00	-1.37E-01	1.41E+00	1.36E-05	0.00E+00	7.76E+00	2.13E-05	1.08E-03	1.12E-02	4.32E-03	3.28E-01	6.64E-08	1.36E-08	2.49E+00	2.97E-01	5.85E-03	7.14E-03	1.24E-02	5.22E-01	1.23E+01	1.65E+01	2.67E-08	3.40E-08	3.56E-03	3.30E-04	6.35E-01	2.16E+00	2.88E+01	3.80E-03	2.88E+01	3.16E+01	2.80E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-01
VS104PEB	4.14E-03	1.13E+00	-1.42E-01	1.27E+00	4.86E-06	0.00E+00	6.72E+00	5.35E-06	9.76E-04	1.00E-02	4.15E-03	1.28E-02	1.93E-08	5.94E-09	1.73E+00	2.34E-01	5.62E-03	4.83E-03	1.08E-02	4.02E-01	9.98E+00	1.60E+01	2.09E-08	2.72E-08	3.21E-03	2.61E-04	3.25E-01	2.14E+00	2.60E+01	3.79E-03	2.60E+01	2.85E+01	2.47E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-01
VS104PF	5.88E-03	1.35E+00	-1.29E-01	1.50E+00	1.24E-05	0.00E+00	8.18E+00	2.81E-05	1.11E-03	1.17E-02	4.33E-03	5.26E-01	9.64E-08	1.25E-08	2.37E+00	2.54E-01	5.84E-03	8.61E-03	1.36E-02	5.25E-01	1.63E+01	1.64E+01	2.92E-08	4.15E-08	3.80E-03	3.25E-04	6.21E-01	2.16E+00	3.07E+01	3.46E-03	3.27E+01	3.49E+01	2.99E+00	0.00E+00	0.00E+00	7.32E-03	5.79E-01
VS104PJ	5.23E-03	1.25E+00	-1.03E-01	1.39E+00	5.32E-06	0.00E+00	6.93E+00	1.72E-05	1.05E-03	1.09E-02	4.09E-03	2.20E-01	5.44E-08	1.05E-08	1.95E+00	2.44E-01	5.55E-03	7.84E-03	1.26E-02	5.13E-01	1.46E+01	1.57E+01	2.71E-08	4.05E-08	3.45E-03	3.22E-04	5.76E-01	1.68E+00	2.87E+01	3.11E-03	2.94E+01	3.05E+01	2.92E+00	0.00E+00	0.00E+00	7.32E-03	5.35E-01
VS104PP	5.69E-03	1.32E+00	-1.35E-01	1.45E+00	1.36E-05	0.00E+00	8.14E+00	3.70E-05	1.12E-03	1.16E-02	4.37E-03	6.41E-01	1.13E-07	2.09E-08	3.34E+00	3.30E-01	5.92E-03	9.31E-03	1.35E-02	5.41E-01	1.30E+01	1.65E+01	3.00E-08	3.80E-08	3.71E-03	3.36E-04	6.74E-01	2.17E+00	2.95E+01	3.80E-03	2.95E+01	3.24E+01	2.84E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-01
VS104PR	6.28E-03	1.82E+00	-1.04E-01	2.03E+00	1.35E-04	0.00E+00	3.99E+02	2.75E-05	1.51E-03	1.59E-02	4.43E-03	4.98E-01	7.13E-08	1.74E-08	6.25E+00	6.51E-01	6.01E-03	1.07E-02	1.35E-02	6.23E-01	4.67E+01	1.46E+01	4.43E-08	4.40E-08	5.16E-03	3.65E-04	1.91E+00	2.29E+00	5.05E+01	1.10E-04	5.80E+01	7.49E+01	3.74E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-01
VS104PY	4.70E-03	1.23E+00	-6.26E-02	1.35E+00	6.86E-06	0.00E+00	4.98E+02	1.79E-05	9.97E-04	1.05E-02	3.30E-03	6.09E-01	4.99E-08	1.36E-08	2.36E+00	2.20E-01	4.43E-03	7.71E-03	8.96E-03	3.35E-01	1.33E+01	1.35E+01	2.20E-08	3.82E-08	3.21E-03	2.18E-04	5.97E-01	1.24E+00	2.71E+01	3.11E-03	2.80E+01	2.87E+01	1.76E+00	0.00E+00	0.00E+00	8.26E-03	3.85E-01
VS104TD	5.60E-03	1.34E+00	-6.35E-02	1.48E+00	1.28E-04	0.00E+00	8.67E+00	2.60E-05	1.09E-03	1.14E-02	4.03E-03	7.64E-01	6.66E-08	1.71E-08	2.83E+00	5.52E-01	5.41E-03	7.95E-03	1.29E-02	6.04E-01	1.66E+01	1.40E+01	2.77E-08	3.81E-08	3.57E-03	3.59E-04	1.20E+00	1.52E+00	2.93E+01	1.83E-04	3.12E+01	3.37E+01	3.35E+00	0.00E+00	0.00E+00	3.31E-02	5.52E-01
VS104TE	5.60E-03	1.45E+00	-1.09E-01	1.63E+00	1.36E-04	0.00E+00	8.96E+00	2.18E-05	1.18E-03	1.28E-02	4.32E-03	4.22E-01	8.00E-08	1.27E-08	2.41E+00	5.89E-01	5.83E-03	7.61E-03	1.33E-02	6.13E-01	1.97E+01	1.42E+01	3.58E-08	3.64E-08	4.04E-03	3.58E-04	1.27E+00	2.40E+00	3.20E+01	1.79E-04	3.74E+01	4.53E+01	3.55E+00	0.00E+00	0.00E+00	3.45E-02	5.69E-01
VS104TF	5.59E-03	1.36E+00	-1.04E-01	1.50E+00	1.29E-04	0.00E+00	8.84E+00	2.51E-05	1.11E-03	1.15E-02	4.28E-03	4.11E-01	7.92E-08	1.33E-08	2.52E+00	5.79E-01	5.75E-03	8.09E-03	1.28E-02	6.06E-01	1.73E+01	1.44E+01	3.18E-08	3.82E-08	3.65E-03	3.63E-04	1.30E+00	2.03E+00	3.03E+01	1.79E-04	3.25E+01	3.52E+01	3.42E+00	0.00E+00	0.00E+00	3.31E-02	5.51E-01
VS104TJ	5.16E-03	1.29E+00	-1.01E-01	1.43E+00	1.29E-04	0.00E+00	7.82E+00	1.58E-05	1.07E-03	1.10E-02	4.12E-03	1.31E-01	5.85E-08	1.09E-08	2.09E+00	5.76E-01	5.53E-03	7.81E-03	1.23E-02	6.01E-01	1.67E+01	1.39E+01	2.98E-08	3.71E-08	3.46E-03	3.54E-04	1.29E+00	1.70E+00	2.93E+01	1.04E-04	3.07E+01	3.27E+01	3.44E+00	0.00E+00	0.00E+00	3.31E-02	5.19E-01
VS104TM	5.84E-03	1.57E+00	-1.07E-01	1.81E+00	1.36E-04	0.00E+00	9.08E+00	2.62E-05	1.45E-03	1.44E-02	4.42E-03	4.30E-01	8.48E-08	1.30E-08	2.47E+00	5.81E-01	5.96E-03	8.62E-03	1.33E-02	6.19E-01	3.34E+01	1.43E+01	3.61E-08	3.92E-08	4.65E-03	3.62E-04	1.28E+00	2.41E+00	4.58E+01	1.78E-04	5.17E+01	6.96E+01	3.58E+00	0.00E+00	0.00E+00	3.31E-02	5.68E-01
VS104TR	6.00E-03	1.39E+00	-6.58E-02	1.52E+00	1.27E-04	0.00E+00	4.00E+02	2.61E-05	1.11E-03	1.18E-02	4.01E-03	5.01E-01	4.62E-08	1.60E-08	6.18E+00	6.29E-01	5.41E-03	9.79E-03	1.27E-02	5.95E-01	2.44E+01	1.42E+01	3.27E-08	4.19E-08	3.63E-03	3.60E-04	1.80E+00	1.52E+00	3.08E+01	1.15E-04	3.26E+01	3.45E+01	3.46E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-01
VS108PD	7.29E-03	1.82E+00	-8.31E-02	1.95E+00	1.70E-05	0.00E+00	1.70E+01	4.80E-05	1.52E-03	1.58E-02	5.66E-03	7.33E-01	9.34E-08	2.39E-08	5.24E+00	2.91E-01	7.69E-03	1.27E-02	1.69E-02	7.14E-01	2.39E+01	2.03E+01	4.42E-08	5.63E-08	5.19E-03	3.87E-04	8.85E-01	1.70E+00	4.30E+01	4.76E-03	4.30E+01	4.50E+01	3.79E+00	0.00E+00	0.00E+00	7.93E-03	7.25E-01
VS108PE	7.11E-03	1.67E+00	-2.00E-01	1.87E+00	1.81E-05	0.00E+00	1.07E+01	3.39E-05	1.47E-03	1.51E-02	5.76E-03	5.45E-01	1.07E-07	2.07E-08	3.05E+00	3.91E-01	7.80E-03	1.03E-02	1.65E-02	6.13E-01	1.63E+01	2.15E+01	3.63E-08	4.63E-08	4.81E-03	3.76E-04	5.53E-01	3.09E+00	3.78E+01	4.98E-03	3.78E+01	4.15E+01	3.64E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-01
VS108PEB	5.20E-03	1.46E+00	-1.59E-01	1.62E+00	4.86E-06	0.00E+00	8.16E+00	6.51E-06	1.22E-03	1.26E-02	5.22E-03	1.55E-02	2.20E-08	7.57E-09	1.77E+00	2.98E-01	7.07E-03	6.08E-03	1.38E-02	5.03E-01	1.23E+01	2.07E+01	2.63E-08	3.40E-08	4.05E-03	3.30E-04	3.47E-01	2.45E+00	3.30E+01	4.97E-03	3.30E+01	3.58E+01	2.80E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-01
VS108PF	7.19E-03	1.78E+00	-1.46E-01	1.95E+00	1.70E-05	0.00E+00	1.73E+01	4.83E-05	1.49E-03	1.56E-02	5.40E-03	7.36E-01	1.24E-07	2.33E-08	5.23E+00	2.92E-01	7.32E-03	1.25E-02	1.67E-02	6.70E-01	2.57E+01	2.08E+01	4.70E-08	5.87E-08	5.03E-03	3.83E-04	6.99E-01	2.47E+00	4.38E+01	3.73E-03	4.33E+01	4.52E+01	3.64E+00	0.00E+00	0.00E+00	7.93E-03	7.17E-01
VS108PJ	7.20E-03	1.83E+00	-1.43E-01	1.97E+00	1.70E-05	0.00E+00	1.78E+01	4.86E-05	1.51E-03	1.58E-02	5.74E-03	7.33E-01	1.24E-07	2.38E-08	5.21E+00	2.93E-01	7.78E-03	1.27E-02	1.68E-02	6.97E-01	2.57E+01	2.08E+01	4.59E-08	5.64E-08	5.22E-03	3.85E-04	7.33E-01	2.17E+00	4.40E+01	3.73E-03	4.33E+01	4.54E+01	3.76E+00	0.00E+00	0.00E+00	7.93E-03	7.22E-01
VS108PM	7.45E-03	1.79E+00	-1.81E-01	1.97E+00	1.76E-05	0.00E+00	1.85E+01	4.97E-05	1.55E-03	1.60E-02	5.80E-03	7.93E-01	1.30E-07	2.54E-08	5.46E+00	2.97E-01	7.86E-03	1.37E-02	1.75E-02	6.70E-01	2.73E+01	2.11E+01	4.33E-08	5.50E-08	5.13E-03	3.81E-04	6.91E-01	2.83E+00	4.44E+01	3.78E-03	4.47E+01	4.72E+01	3.73E+00	0.00E+00	0.00E+00	7.93E-03	7.56E-01
VS108PP	8.13E-03	1.75E+00	-1.97E-01	1.95E+00	1.82E-05	0.00E+00	1.14E+01	6.02E-05	1.53E-03	1.58E-02	5.86E-03	1.07E+00	1.85E-07	3.29E-08	5.35E+00	4.46E-01	7.93E-03	1.39E-02	1.83E-02	6.46E-01	1.76E+01	2.15E+01	4.20E-08	5.29E-08	5.07E-03	3.86E-04	6.27E-01	3.10E+00	3.91E+01	4.99E-03	3.91E+01	4.28E+01	3.72E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-01
VS108PR	7.75E-03	2.28E+00	-8.20E-02	2.41E+00	3.69E-04	0.00E+00	4.34E+02	2.92E-05	1.73E-03	1.85E-02	5.73E-03	7.22E-01	6.65E-08	2.56E-08	6.35E+00	1.33E+00	7.79E-03	1.58E-02	1.75E-02	1.09E+00	3.84E+01	1.99E+01	5.67E-08	6.31E-08	6.17E-03	7.79E-04	2.78E+00	1.63E+00	4.98E+01	9.26E-04	5.24E+01	5.65E+01	4.90E+00	0.00E+00	0.00E+00	7.97E-04	7.60E-01
VS108PT	2.38E-02	2.25E+00	-1.87E-01	2.44E+00	8.34E-06	0.00E+00	1.51E+01	2.27E-04	1.97E-03	2.09E-02	6.74E-03	1.26E+01	1.75E-06	2.42E-07	3.11E+01	7.96E-01	9.12E-03	4.70E-02	3.97E-02	1.10E+00	2.72E+01	2.13E+01	1.42E-07	1.79E-07	7.51E-03	5.13E-04	1.75E+00	3.18E+00	4.85E+01	5.39E-03	4.85E+01	5.35E+01	4.94E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
VS108PY	6.98E-03	1.81E+00	-1.43E-01	1.96E+00	1.10E-05	0.00E+00	5.33E+02	3.90E-05	1.51E-03	1.59E-02	5.74E-03	3.18E-01	8.24E-08	2.08E-08	5.64E+00	2.84E-01	7.79E-03	1.28E-02	1.68E-02	6.95E-01	2.58E+01	2.00E+01	4.65E-08	5.52E-08	5.28E-03	3.81E-04	7.33E-01	2.20E+00	4.40E+01	4.13E-03	4.34E+01	4.53E+01	3.67E+00	0.00E+00	0.00E+00	9.08E-03	7.19E-01
VS108TA	7.58E-03	1.87E+00	-1.77E-01	2.10E+00	3.47E-04	0.00E+00	3.87E+01	4.39E-05	1.60E-03	1.66E-02	6.38E-03	7.24E-01	1.37E-07	2.52E-08	5.11E+00	1.30E+00	8.59E-03	1.41E-02	1.73E-02	1.08E+00	3.71E+01	2.05E+01	4.57E-08	5.62E-08	5.20E-03	8.39E-04	2.46E+00	3.06E+00	5.79E+01	1.04E-03	5.37E+01	5.65E+01	4.73E+00	0.00E+00	0.00E+00	1.05E-02	7.45E-01
VS108TD	7.46E-03	1.81E+00	-1.60E-01	2.02E+00	3.48E-04	0.00E+00	3.82E+01	4.42E-05	1.58E-03	1.61E-02	5.81E-03	7.35E-01	1.21E-07	2.48E-08	4.99E+00	1.29E+00	7.85E-03	1.38E-02	1.73E-02	1.06E+00	2.84E+01	2.03E+01	4.95E-08	5.55E-08	5.18E-03	8.32E-04	2.48E+00	2.49E+00	4.44E+01	1.08E-03	4.45E+01	4.73E+01	4.70E+00	0.00E+00	0.00E+00	1.05E-02	7.45E-01
VS108TE	7.37E-03	1.79E+00	-1.72E-01	2.00E+00	3.47E-04	0.00E+00	1.43E+01	2.44E-05	1.55E-03	1.58E-02	5.81E-03	6.60E-01	9.97E-08	2.23E-08	3.30E+00	1.30E+00	7.85E-03	1.27E-02	1.73E-02	1.04E+00	2.37E+01	2.00E+01	4.24E-08	5.36E-08	5.02E-03	8.35E-04	2.24E+00	3.05E+00	4.10E+01	1.03E-03	4.29E+01	4.57E+01	4.72E+00	0.00E+00	0.00E+00	1.15E-02	7.45E-01

VS108TF	7.11E-03	1.73E+00	-1.33E-01	1.97E+00	3.48E-04	0.00E+00	3.62E+01	4.19E-05	1.49E-03	1.52E-02	5.31E-03	6.77E-01	1.12E-07	2.23E-08	4.89E+00	1.28E+00	7.21E-03	1.17E-02	1.63E-02	9.37E-01	2.59E+01	1.94E+01	4.95E-08	5.87E-08	4.99E-03	7.77E-04	2.38E+00	1.85E+00	4.29E+01	1.30E-03	4.34E+01	4.69E+01	4.52E+00	0.00E+00	0.00E+00	1.05E-02	6.99E-01
VS108TJ	7.57E-03	1.88E+00	-1.78E-01	2.11E+00	3.47E-04	0.00E+00	3.88E+01	4.39E-05	1.60E-03	1.67E-02	6.40E-03	7.86E-01	1.43E-07	2.69E-08	5.20E+00	1.30E+00	8.61E-03	1.44E-02	1.72E-02	1.08E+00	3.73E+01	2.05E+01	4.88E-08	5.49E-08	5.20E-03	8.43E-04	2.51E+00	3.07E+00	5.80E+01	1.23E-03	5.38E+01	5.67E+01	4.74E+00	0.00E+00	0.00E+00	1.11E-02	7.40E-01
VS108TM	7.48E-03	1.81E+00	-1.60E-01	2.02E+00	3.48E-04	0.00E+00	3.82E+01	4.42E-05	1.58E-03	1.61E-02	5.81E-03	7.34E-01	1.22E-07	2.49E-08	5.00E+00	1.29E+00	7.85E-03	1.39E-02	1.71E-02	1.06E+00	2.84E+01	2.02E+01	4.95E-08	5.44E-08	5.18E-03	8.32E-04	2.48E+00	2.51E+00	4.44E+01	1.27E-03	4.45E+01	4.73E+01	4.70E+00	0.00E+00	0.00E+00	1.05E-02	7.35E-01
VS108TP	7.58E-03	1.80E+00	-1.77E-01	2.03E+00	3.47E-04	0.00E+00	3.84E+01	4.42E-05	1.59E-03	1.61E-02	5.82E-03	7.42E-01	1.25E-07	2.51E-08	5.09E+00	1.30E+00	7.87E-03	1.37E-02	1.74E-02	1.05E+00	2.90E+01	2.01E+01	4.56E-08	5.62E-08	5.15E-03	8.36E-04	2.46E+00	3.06E+00	4.50E+01	1.04E-03	4.53E+01	4.86E+01	4.72E+00	0.00E+00	0.00E+00	1.05E-02	7.48E-01
VS108TR	7.74E-03	2.21E+00	-1.57E-01	2.36E+00	3.69E-04	0.00E+00	4.33E+02	3.10E-05	1.71E-03	1.83E-02	5.82E-03	8.26E-01	9.54E-08	2.63E-08	6.41E+00	1.33E+00	7.88E-03	1.57E-02	1.74E-02	1.08E+00	4.21E+01	2.03E+01	6.09E-08	6.36E-08	5.85E-03	7.99E-04	2.84E+00	2.48E+00	5.08E+01	8.87E-04	5.27E+01	5.78E+01	4.80E+00	0.00E+00	0.00E+00	7.97E-04	7.57E-01
VS108TS	7.98E-03	2.10E+00	-8.43E-02	2.26E+00	3.68E-04	0.00E+00	5.11E+02	3.84E-05	1.65E-03	1.74E-02	5.68E-03	7.59E-01	1.09E-07	2.63E-08	7.28E+00	1.35E+00	7.70E-03	1.47E-02	1.70E-02	1.08E+00	3.71E+01	1.96E+01	5.49E-08	6.35E-08	5.95E-03	8.22E-04	2.85E+00	1.69E+00	4.95E+01	1.16E-03	5.06E+01	5.44E+01	4.83E+00	0.00E+00	0.00E+00	1.38E-02	7.40E-01
VS112PA	1.66E-02	3.71E+00	-2.31E-01	3.98E+00	1.59E-05	0.00E+00	5.91E+01	5.54E-05	2.66E-03	3.00E-02	9.34E-03	6.21E+00	1.30E-07	7.64E-08	9.23E+00	4.85E-01	1.26E-02	4.64E-02	3.39E-02	1.26E+00	6.65E+01	2.92E+01	2.12E-07	1.94E-07	9.68E-03	7.02E-04	2.32E+00	3.60E+00	1.00E+02	5.80E-03	9.89E+01	1.04E+02	5.38E+00	0.00E+00	0.00E+00	4.63E-02	1.45E+00
VS112PD	1.46E-02	3.34E+00	-2.73E-01	3.62E+00	2.28E-05	0.00E+00	1.79E+01	6.63E-05	2.64E-03	2.79E-02	9.56E-03	6.04E+00	1.98E-07	4.92E-08	6.51E+00	6.51E-01	1.29E-02	4.18E-02	3.31E-02	1.32E+00	4.17E+01	3.40E+01	2.06E-07	2.02E-07	9.01E-03	8.00E-04	3.05E+00	4.44E+00	7.56E+01	7.64E-03	7.56E+01	8.31E+01	7.49E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
VS112PE	1.35E-02	3.25E+00	-2.75E-01	3.53E+00	2.28E-05	0.00E+00	1.72E+01	3.99E-05	2.57E-03	2.71E-02	9.46E-03	5.51E+00	1.19E-07	3.70E-08	3.63E+00	5.95E-01	1.28E-02	3.82E-02	3.12E-02	1.29E+00	4.00E+01	3.39E+01	2.00E-07	1.95E-07	8.73E-03	7.90E-04	2.83E+00	4.43E+00	7.40E+01	7.63E-03	7.40E+01	8.12E+01	7.26E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
VS112PEB	1.16E-02	2.94E+00	-2.86E-01	3.23E+00	4.86E-06	0.00E+00	1.51E+01	1.28E-05	2.34E-03	2.46E-02	9.05E-03	4.98E+00	3.96E-08	2.35E-08	2.26E+00	4.72E-01	1.23E-02	3.42E-02	2.80E-02	1.04E+00	3.45E+01	3.25E+01	1.90E-07	1.81E-07	7.96E-03	6.45E-04	1.85E+00	4.39E+00	6.70E+01	7.62E-03	6.70E+01	7.33E+01	6.24E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
VS112PF	1.54E-02	3.55E+00	-9.02E-02	3.90E+00	1.34E-05	0.00E+00	5.86E+01	4.83E-05	2.66E-03	2.88E-02	8.85E-03	5.42E+00	1.14E-07	6.34E-08	9.18E+00	4.81E-01	1.20E-02	4.21E-02	3.03E-02	1.24E+00	5.75E+01	2.81E+01	1.74E-07	1.88E-07	9.30E-03	6.94E-04	2.20E+00	1.97E+00	9.75E+01	5.79E-03	9.36E+01	9.78E+01	5.32E+00	0.00E+00	0.00E+00	4.03E-02	1.30E+00
VS112PJ	1.71E-02	3.71E+00	-1.83E-01	4.01E+00	2.95E-05	0.00E+00	6.94E+01	5.43E-05	2.68E-03	3.00E-02	9.33E-03	6.28E+00	1.23E-07	7.66E-08	9.29E+00	4.99E-01	1.26E-02	4.64E-02	3.37E-02	1.36E+00	6.65E+01	2.89E+01	2.03E-07	1.93E-07	9.69E-03	7.01E-04	2.35E+00	3.09E+00	1.01E+02	5.81E-03	9.95E+01	1.05E+02	5.38E+00	0.00E+00	0.00E+00	4.19E-02	1.46E+00
VS112PM	1.54E-02	3.53E+00	-1.44E-01	3.89E+00	1.34E-05	0.00E+00	5.86E+01	4.83E-05	2.65E-03	2.88E-02	8.85E-03	5.54E+00	1.17E-07	6.34E-08	9.18E+00	4.85E-01	1.20E-02	4.22E-02	3.03E-02	1.24E+00	5.92E+01	2.82E+01	1.74E-07	1.88E-07	9.30E-03	6.96E-04	2.15E+00	2.56E+00	9.71E+01	5.79E-03	9.35E+01	9.83E+01	5.31E+00	0.00E+00	0.00E+00	4.03E-02	1.31E+00
VS112PP	2.13E-02	3.94E+00	-3.07E-01	4.24E+00	1.88E-05	0.00E+00	1.09E+03	2.73E-05	3.14E-03	3.33E-02	1.05E-02	9.46E+00	4.87E-08	1.14E-07	1.41E+01	5.28E-01	1.42E-02	4.12E-02	3.97E-02	1.35E+00	5.88E+01	3.46E+01	2.31E-07	2.40E-07	1.09E-02	7.61E-04	3.09E+00	4.81E+00	9.33E+01	7.67E-03	9.33E+01	1.01E+02	7.90E+00	0.00E+00	0.00E+00	2.41E-02	1.70E+00
VS112PR	2.00E-02	3.94E+00	-2.33E-01	4.28E+00	3.62E-04	0.00E+00	5.19E+02	3.86E-05	3.01E-03	3.26E-02	9.60E-03	5.95E+00	1.25E-07	8.28E-08	1.10E+01	1.51E+00	1.30E-02	4.44E-02	3.39E-02	1.67E+00	7.60E+01	2.75E+01	1.70E-07	1.89E-07	1.07E-02	9.84E-04	3.50E+00	4.03E+00	1.05E+02	4.33E-03	1.09E+02	1.16E+02	6.28E+00	0.00E+00	0.00E+00	2.32E-02	1.46E+00
VS112PS	2.14E-02	3.94E+00	-3.14E-01	4.26E+00	1.88E-05	0.00E+00	1.10E+03	2.74E-05	3.16E-03	3.36E-02	1.06E-02	9.47E+00	1.42E-07	1.16E-07	1.34E+01	5.19E-01	1.43E-02	4.13E-02	3.99E-02	1.28E+00	5.98E+01	3.46E+01	2.35E-07	2.41E-07	1.09E-02	7.20E-04	3.14E+00	4.90E+00	9.44E+01	7.67E-03	9.44E+01	1.02E+02	8.04E+00	0.00E+00	0.00E+00	2.41E-02	1.71E+00
VS112PY	1.87E-02	3.87E+00	-2.33E-01	4.17E+00	1.62E-05	0.00E+00	5.79E+02	5.63E-05	2.96E-03	3.23E-02	9.60E-03	6.74E+00	1.30E-07	9.35E-08	1.16E+01	5.04E-01	1.30E-02	4.62E-02	3.39E-02	1.29E+00	6.82E+01	2.99E+01	2.16E-07	1.98E-07	1.04E-02	7.29E-04	2.35E+00	3.63E+00	1.06E+02	5.26E-03	1.04E+02	1.10E+02	5.40E+00	0.00E+00	0.00E+00	4.85E-02	1.46E+00
VS112TA	1.84E-02	3.79E+00	-2.09E-01	4.13E+00	3.38E-04	0.00E+00	1.17E+02	5.08E-05	2.82E-03	3.10E-02	9.49E-03	6.16E+00	1.25E-07	8.06E-08	1.03E+01	1.46E+00	1.28E-02	4.55E-02	3.38E-02	1.65E+00	7.28E+01	2.65E+01	1.90E-07	1.90E-07	1.02E-02	1.03E-03	3.47E+00	3.60E+00	1.04E+02	5.46E-03	1.03E+02	1.10E+02	6.08E+00	0.00E+00	0.00E+00	3.97E-02	1.46E+00
VS112TD	1.84E-02	3.78E+00	-1.50E-01	4.11E+00	3.38E-04	0.00E+00	2.41E+02	5.16E-05	2.70E-03	3.03E-02	9.39E-03	5.83E+00	1.12E-07	8.22E-08	1.05E+01	1.44E+00	1.27E-02	4.54E-02	3.33E-02	1.65E+00	7.28E+01	2.66E+01	1.82E-07	1.87E-07	9.81E-03	1.03E-03	3.23E+00	3.07E+00	1.04E+02	5.42E-03	1.03E+02	1.10E+02	6.02E+00	0.00E+00	0.00E+00	4.58E-02	1.45E+00
VS112TE	1.72E-02	2.99E+00	-2.06E-01	3.28E+00	3.37E-04	0.00E+00	4.21E+01	2.83E-05	2.34E-03	2.49E-02	9.12E-03	5.56E+00	9.69E-08	4.97E-08	4.51E+00	1.44E+00	1.24E-02	4.46E-02	3.31E-02	1.61E+00	5.63E+01	2.45E+01	1.73E-07	1.82E-07	8.15E-03	1.02E-03	2.96E+00	3.57E+00	8.29E+01	4.32E-03	8.22E+01	8.92E+01	6.07E+00	0.00E+00	0.00E+00	8.07E-02	1.42E+00
VS112TF	1.80E-02	3.69E+00	-1.66E-01	4.03E+00	3.38E-04	0.00E+00	1.17E+02	4.54E-05	2.64E-03	2.95E-02	9.03E-03	5.71E+00	1.12E-07	6.64E-08	1.06E+01	1.45E+00	1.22E-02	4.29E-02	3.05E-02	1.63E+00	7.16E+01	2.62E+01	1.68E-07	1.82E-07	9.49E-03	1.03E-03	3.11E+00	3.22E+00	1.03E+02	5.38E-03	1.02E+02	1.09E+02	5.95E+00	0.00E+00	0.00E+00	3.65E-02	1.33E+00
VS112TJ	1.83E-02	3.81E+00	-8.56E-02	4.15E+00	3.40E-04	0.00E+00	1.18E+02	5.06E-05	2.75E-03	3.06E-02	9.39E-03	5.49E+00	1.15E-07	8.01E-08	1.04E+01	1.45E+00	1.27E-02	4.51E-02	3.34E-02	1.65E+00	6.93E+01	2.65E+01	1.84E-07	1.87E-07	9.94E-03	1.01E-03	3.23E+00	1.93E+00	1.03E+02	5.29E-03	1.03E+02	1.10E+02	6.02E+00	0.00E+00	0.00E+00	3.61E-02	1.46E+00
VS112TM	1.84E-02	3.75E+00	-1.47E-01	4.10E+00	3.38E-04	0.00E+00	1.17E+02	5.04E-05	2.69E-03	3.01E-02	9.38E-03	5.77E+00	1.13E-07	8.05E-08	1.04E+01	1.45E+00	1.27E-02	4.56E-02	3.32E-02	1.64E+00	7.22E+01	2.66E+01	1.85E-07	1.86E-07	9.72E-03	1.02E-03	3.18E+00	3.06E+00	1.04E+02	5.29E-03	1.03E+02	1.10E+02	5.99E+00	0.00E+00	0.00E+00	3.65E-02	1.45E+00
VS112TP	2.14E-02	4.26E+00	-2.77E-01	4.54E+00	3.21E-04	0.00E+00	1.10E+03	3.06E-05	3.26E-03	3.47E-02	1.07E-02	9.46E+00	4.90E-08	1.19E-07	1.43E+01	1.26E+00	1.45E-02	4.15E-02	3.83E-02	1.81E+00	6.99E+01	3.33E+01	2.46E-07	2.42E-07	1.13E-02	9.79E-04	4.16E+00	4.83E+00	1.03E+02	7.67E-03	1.03E+02	1.12E+02	9.00E+00	0.00E+00	0.00E+00	2.41E-02	1.64E+00
VS112TR	2.04E-02	3.94E+00	-1.92E-01	4.29E+00	3.62E-04	0.00E+00	5.19E+02	3.79E-05	3.04E-03	3.28E-02	9.64E-03	5.99E+00	1.19E-07	8.60E-08	1.10E+01	1.49E+00	1.31E-02	4.48E-02	3.39E-02	1.67E+00	7.68E+01	2.77E+01	1.66E-07	1.90E-07	1.08E-02	9.81E-04	3.53E+00	3.40E+00	1.05E+02	4.33E-03	1.09E+02	1.16E+02	6.15E+00	0.00E+00	0.00E+00	3.47E-02	1.47E+00
VS112TS	2.04E-02	3.95E+00	-8.51E-02	4.31E+00	3.61E-04	0.00E+00	6.16E+02	4.30E-05	3.05E-03	3.27E-02	9.64E-03	6.21E+00	1.48E-07	8.76E-08	1.14E+01	1.50E+00	1.30E-02	4.46E-02	3.40E-02	1.66E+00	7.17E+01	2.76E+01	1.89E-07	1.97E-07	1.08E-02	1.02E-03	3.50E+00	1.93E+00	1.05E+02	5.61E-03	1.09E+02	1.16E+02	6.08E+00	0.00E+00	0.00E+00	4.10E-02	1.47E+00
VS112TY	2.14E-02	3.93E+00	-2.10E-01	4.32E+00	3.38E-04	0.00E+00	6.26E+02	5.07E-05	3.10E-03	3.36E-02	1.02E-02	6.80E+00	1.24E-07	1.07E-07	1.27E+01	1.45E+00	1.37E-02	4.55E-02	3.40E-02	1.64E+00	7.40E+01	2.73E+01	1.89E-07	1.90E-07	1.08E-02	1.03E-03	3.54E+00	3.63E+00	1.11E+02	5.10E-03	1.09E+02	1.17E+02	6.47E+00	0.00E+00	0.00E+00	5.02E-02	1.47E+00
VS118PA	2.05E-02	4.67E+00	-2.61E-01	4.94E+00	3.00E-05	0.00E+00	2.61E+02	5.30E-05	3.68E-03	3.89E-02	1.27E-02	3.82E+00	1.24E-07	9.89E-08	1.07E+01	7.88E-01	1.71E-02	6.18E-02	4.42E-02	1.46E+00	8.68E+01	4.49E+01	1.11E-07	1.60E-07	1.27E-02	9.24E-04	1.33E+00	4.58E+00	1.35E+02	7.62E-03	1.36E+02	1.38E+02	6.09E+00	0.00E+00	0.00E+00	2.75E-02	1.91E+00
VS118PD	1.79E-02	4.35E+00	-2.55E-01	4.60E+00	3.41E-05	0.00E+00	2.13E+01	1.08E-04	3.30E-03	3.46E-02	1.26E-02	2.10E+00	3.51E-07	6.97E-08	9.37E+00	9.19E-01	1.70E-02	6.45E-02	4.39E-02	1.48E+00	8.28E+01	4.59E+01	7.97E-08	1.15E-07	1.14E-02	9.27E-04	1.23E+00	4.54E+00	1.29E+02	1.01E-02	1.29E+02	1.34E+02	5.77E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
VS118PES	2.13E-02	4.71E+00	-2.97E-01	5.01E+00	4.50E-05	0.00E+00	8.41E+02	2.47E-05	3.62E-03	3.81E-02	1.34E-02	3.64E+00	1.65E-07	9.71E-08	1.15E+01	7.57E-01	1.82E-02	5.71E-02	4.62E-02	1.55E+00	9.64E+01	4.65E+01	9.55E-08	1.33E-07	1.26E-02	9.60E-04	1.23E+00	4.97E+00	1.43E+02	1.01E-02	1.43E+02	1.49E+02	6.21E+00	0.00E+00	0.00E+00	3.90E-02	1.98E+00
VS118PF	2.06E-02	4.67E+00	-2.61E-01	4.94E+00	2.86E-05	0.00E+00	2.62E+02	5.31E-05	3.66E-03	3.89E-02	1.20E-02	3.91E+00	1.23E-07	9.89E-08	1.08E+01	7.80E-01	1.62E-02	6.12E-02	4.41E-02	1.44E+00	8.28E+01	4.46E+01	1.12E-07	1.60E-07	1.27E-02	9.18E-04	1.38E+00	4.58E+00	1.32E+02	7.30E-03	1.34E+02	1.35E+02	6.12E+00	0.00E+00	0.00E+00	2.73E-02	1.91E+00
VS118PJ	2.05E-02	4.67E+00	-2.61E-01	4.94E+00	2.99E-05	0.00E+00	2.62E+02	5.30E-05	3.68E-03	3.89E-02	1.27E-02	3.82E+00	1.24E-07	9.89E-08	1.07E+01	7.88E-01	1.71E-02	6.18E-02	4.42E-02	1.46E+00	8.81E+01	4.49E+01	1.11E-07	1.60E-07	1.27E-02	9.23E-04	1.35E+00	4.58E+00	1.35E+02	7.30E-03	1.37E+02	1.39E+02	6.09E+00	0.00E+00	0.00E+00	2.73E-02	1.91E+00
VS118PJ1	2.19E-02	4.66E+00	-2.29E-01	4.93E+00	3.87E-05	0.00E+00	2.24E+02	5.37E-05	3.63E-03	3.81E-02	1.27E-02	3.50E+00	1.30E-07	1.00E-07	1.15E+01	7.89E-01	1.71E-02	6.20E-02	4.42E-02	1.52E+00	9.64E+01	4.44E+01	1.11E-07	1.53E-07	1.27E-02	9.49E-04	1.31E+00	3.88E+00	1.43E+02	1.05E-02	1.44E+02	1.44E+02	5.66E+00	0.00E+00	0.00E+00	4.68E-02	1.90E+00
VS118PM	9.52E-03	1.99E+00	-8.12E-02	2.17E+00	2.07E-05	0.00E+00	1.54E+02	4.40E-05	1.55E-03	1.70E-02	4.26E-03	2.33E+00	1.17E-07	2.76E-08	8.22E+00	7.10E-01	5.79E-03	2.84E-02	2.10E-02	6.07E-01	4.64E+01	1.84E+01	6.06E-08	6.57E-08	5.34E-03	6.55E-04	1.02E+00	1.71E+00	5.46E+01	9.65E-03	6.28E+01	7.74E+01	3.20E+00	0.00E+00	0.00E+00	4.50E-02	9.09E-01
VS118PP	2.54E-02	5.03E+00	-2.93E-01	5.32E+00	2.74E-05	0.00E+00	1.38E+03	3.10E-05	3.87E-03	4.08E-02	1.36E-02	5.87E+00	5.13E-08	1.39E-07	1.77E+01	7.10E-01	1.84E-02	6.01E-02	5.05E-02	1.57E+00	1.04E+02	4.64E+01	1.06E-07	1.56E-07	1.35E-02	9.39E-04	1.25E+00	4.94E+00	1.50E+02	1.02E-02	1.50E+02	1.57E+02	6.19E+00	0.00E+00	0.00E+00	3.90E-02	2.17E+00
VS118PS	2.58E-02	5.06E+00	-2.98E-01	5.36E+00	2.74E-05	0.00E+00	1.41E+03	3.15E-05	3.91E-03	4.12E-02	1.38E-02	6.00E+00	1.91E-07	1.44E-07	1.69E+01	7.00E-01	1.86E-02	6.02E-02	5.11E-02	1.53E+00	1.06E+02	4.66E+01	1.13E-07	1.58E-07	1.37E-02	9.10E-04	1.21E+00	5.04E+00	1.52E+02	1.02E-02	1.52E+02	1.58E+02	6.24E+00	0.00E+00	0.00E+00	3.90E-02	2.19E+00
VS118PT	8.47E-02	6.48E+00	-2.00E-01	6.68E+00	3.40E-05	0.00E+00	1.39E+02	4.19E-04	5.15E-03	5.58E-02	1.61E-02	5.00E+01	3.48E-06	9.26E-07	1.12E+02	1.87E+00	2.18E-02	1.77E-01	1.31E-01	2.55E+00	1.29E+02	4.71E+01	4.62E-07	5.90E-07	2.18E-02	1.28E-03	4.78E+00	4.90E+00	1.77E+02	1.09E-02	1.77E+02	1.86E+02	9.68E+00	0.00E+00	0.00E+00	0.00E+00	5.61E+00
VS118PY	2.45E-02	4.73E+00	-2.31E-01	4.99E+00	3.03E-05	0.00E+00	6.96E+02	5.56E-05	3.57E-03	3.80E-02	1.29E-02	4.55E+00	1.20E-07	1.12E-07	1.31E+01	7.75E-01	1.74E-02	6.08E-02	4.55E-02	1.47E+00	9.77E+01	4.47E+01	1.17E-07	1.56E-07	1.27E-02	9.39E-04	1.35E+00	3.88E+00	1.45E+02	1.00E-02	1.45E+02	1.47E+02	5.72E+00	0.00E+00	0.00E+00	4.91E-02	1.96E+00
VS118TA	2.17E-02	5.12E+00	-2.38E-01	5.42E+00	4.85E-04	0.00E+00	1.48E+02	5.63E-05	3.82E-03	4.05E-02	1.27E-02	4.16E+00	1.42E-07	9.45E-08	1.13E+01	1.84E+00	1.72E-02	5.22E-02	4.30E-02	1.85E+00	1.03E+02	4.37E+01	1.12E-07	1.76E-07	1.33E-02	1.29E-03	3.94E+00	4.59E+00	1.48E+02	5.41E-03	1.49E+02	1.54E+02	8.74E+00	0.00E+00	0.00E+00	3.40E-02	1.85E+00
VS118TD	2.18E-02	5.12E+00	-2.38E-01	5.42E+00	4.85E-04	0.00E+00	1.48E+02	5.70E-05	3.82E-03	4.05E-02	1.28E-02	4.18E+00	1.43E-07	9.45E-08	1.12E+01	1.84E+00	1.73E-02	5.21E-02	4.35E-02	1.85E+00	1.03E+02	4.41E+01	1.12E-07	1.76E-07	1.34E-02	1.29E-03	4.00E+00	4.60E+00	1.48E+02	5.45E-03	1.49E+02	1.55E+02	8.74E+00	0.00E+00	0.00E+00	3.41E-02	1.87E+00
VS118TES	2.29E-02	5.20E+00	-2.36E-01	5.47E+00	4.90E-04	0.00E+00	3.09E+02	4.99E-05	3.86E-03	4.08E-02	1.34E-02	4.78E+00	1.83E-07	9.56E-08	1.19E+01	1.90E+00	1.81E-02	5.21E-02	4.46E-02	2.01E+00	1.05E+02	4.49E+01	1.13E-07	1.75E-07	1.36E-02	1.39E-03	4.02E+00	4.62E+00	1.50E+02	5.67E-03	1.51E+02	1.59E+02	8.84E+00	0.00E+00	0.00E+00	3.81E-02	1.92E+00
VS118TF	2.13E-02	4.96E+00	-1.92E-01	5.25E+00	4.85E-04	0.00E+00	1.57E+02	5.36E-05	3.74E-03	3.98E-02	1.19E-02	4.38E+00	1.25E-07	1.03E-07	1.16E+01	1.81E+00	1.61E-02	5.12E-02	4.25E-02	1.79E+00	8.49E+01	4.29E+01	1.19E-07	1.79E-07	1.29E-02	1.20E-03	3.80E+00	3.76E+00	1.35E+02	5.28E-03	1.36E+02	1.39E+02	7.05E+00	0.00E+00	0.00E+00	5.27E-02	1.83E+00
VS118TJ	2.13E-02	5.03E+00	-2.16E-01	5.31E+00	4.85E-04	0.00E+00	1.51E+02	5.45E-05	3.77E-03	4.00E-02	1.26E-02	4.17E+00	1.37E-07	1.02E-07	1.15E+01	1.84E+00	1.71E-02	5.13E-02	4.30E-02	1.83E+00	9.11E+01	4.35E+01	1.14E-07	1.76E-07	1.30E-02	1.20E-03	3.84E+00	3.82E+00	1.39E+02	5.28E-03	1.40E+02	1.44E+02	7.18E+00	0.00E+00	0.00E+00	5.31E-02	1.85E+00
VS118TJ1	2.21E-02	5.17E+00	-1.94E-01	5.46E+00	4.90E-04	0.00E+00	1.58E+02	5.90E-05	3.84E-03	4.08E-02	1.28E-02	4.22E+00	1.38E-07	1.01E-07	1.17E+01	1.86E+00	1.73E-02	5.16E-02	4.38E-02	1.84E+00	1.04E+02	4.40E+01	1.16E-07	1.76E-07	1.35E-02	1.28E-03	3.92E+00	3.82E+00	1.49E+02	5.32E-03	1.50E+02	1.57E+02	7.05E+00	0.00E+00	0.00E+00	5.07E-02	1.89E+00
VS118TM	2.20E-02	5.11E+00	-2.30E-01	5.43E+00	4.85E-04	0.00E+00	1.48E+02	5.67E-05	3.85E-03	4.07E-02	1.28E-02	4.13E+00	1.36E-07	1.00E-07	1.17E+01	1.84E+00	1.72E-02	5.16E-02	4.31E-02	1.84E+00	1.03E+02	4.36E+01	1.14E-07	1.75E-07	1.34E-02	1.28E-03	3.87E+00	4.49E+00	1.49E+02	5.27E-03	1.49E+02	1.56E+02	8.56E+00	0.00E+00	0.00E+00	3.99E-02	1.85E+00
VS118TP	2.23E-02	5.18E+00	-2.38E-01	5.47E+00	4.85E-04	0.00E+00	1.76E+02	5.74E-05	3.83E-03	4.07E-02	1.35E-02	4.39E+00	1.44E-07	9.40E-08	1.13E+01	1.84E+00	1.82E-02	5.18E-02	4.47E-02	1.98E+00	1.04E+02	4.44E+01	1.13E-07	1.75E-07	1.35E-02	1.38E-03	4.01E+00	4.61E+00	1.49E+02	5.34E-03	1.50E+02	1.58E+02	8.77E+00	0.00E+00	0.00E+00	3.44E-02	1.93E+00
VS118TS	2.31E-02	5.20E+00	-8.38E-02	5.46E+00	4.86E-04	0.00E+00	3.08E+02	4.83E-05	3.86E-03	4.09E-02	1.34E-02	4.66E+00	1.58E-07	1.02E-07	1.24E+01	1.88E+00	1.81E-02	5.16E-02	4.43E-02	1.99E+00	1.04E+02	4.60E+01	1.15E-07	1.78E-07	1.35E-02	1.36E-03	3.89E+00	2.11E+00	1.51E+02	5.39E-03	1.50E+02	1.60E+02	7.19E+00	0.00E+00	0.00E+00	5.50E-02	1.91E+00
VS122PD	2.54E-02	5.49E+00	-8.33E-02	5.76E+00	2.62E-05	0.00E+00	6.69E+02	6.71E-05	4.18E-03	4.55E-02	1.36E-02	5.80E+00	1.19E-07	1.10E-07	1.24E+01	8.84E-01	1.84E-02	6.76E-02	4.87E-02	1.86E+00	1.08E+02	4.89E+01	1.37E-07	2.26E-07	1.41E-02	1.06E-03	2.89E+00	2.14E+00	1.55E+02	9.94E-03	1.56E+02	1.64E+02	7.46E+00	0.00E+00	0.00E+00	4.38E-02	2.10E+00
VS122PF	2.30E-02	5.48E+00	-2.86E-01	5.77E+00	2.53E-05	0.00E+00	8.34E+02	6.69E-05	4.20E-03	4.56E-02	1.36E-02	6.11E+00	1.23E-07	1.09E-07	1.27E+01	8.65E-01	1.84E-02	6.72E-02	4.97E-02	1.85E+00	1.10E+02	4.77E+01	1.24E-07	2.28E-07	1.41E-02	1.07E-03	2.65E+00	4.93E+00	1.55E+02	8.15E-03	1.57E+02	1.64E+02	8.64E+00	0.00E+00	0.00E+00	2.06E-02	2.13E+00
VS122PJ	2.28E-02	5.49E+00	-8.33E-02	5.76E+00	2.62E-05	0.00E+00	6.69E+02	6.74E-05	4.18E-03	4.55E-02	1.35E-02	5.79E+00	1.21E-07	1.10E-07	1.24E+01	8.84E-01	1.83E-02	6.73E-02	4.83E-02	1.85E+00	1.08E+02	4.91E+01	1.37E-07	2.29E-07	1.41E-02	1.06E-03	2.76E+00	2.14E+00	1.55E+02	9.95E-03	1.56E+02	1.63E+02	7.36E+00	0.00E+00	0.00E+00	4.25E-02	2.09E+00
VS122PM	2.86E-02	6.01E+00	-2.86E-01	6.35E+00	2.53E-05	0.00E+00	8.40E+02	7.17E-05	4.45E-03	4.85E-02	1.57E-02	6.19E+00	1.27E-07	1.11E-07	1.41E+01	8.67E-01	2.12E-02	6.92E-02	5.07E-02	1.91E+00	1.13E+02	5.03E+01	1.20E-07	2.14E-07	1.56E-02	1.10E-03	3.55E+00	4.97E+00	1.64E+02	7.58E-03	1.66E+02	1.73E+02	9.05E+00	0.00E+00	0.00E+00	2.06E-02	2.18E+00
VS122PP	3.30E-02	6.37E+00	-3.34E-01	6.71E+00	2.74E-05	0.00E+00	1.85E+03	4.02E-05	4.84E-03	5.16E-02	1.63E-02	7.99E+00	6.18E-08	1.85E-07	2.19E+01	8.42E-01	2.21E-02	7.30E-02	6.27E-02	1.91E+00	1.35E+02	5.55E+01	1.36E-07	2.06E-07	1.70E-02	1.11E-03	4.10E+00	5.75E+00	1.90E+02	1.31E-02	1.90E+02	2.00E+02	9.85E+00	0.00E+00	0.00E+00	3.90E-02	2.69E+00
VS122PS	2.91E-02	6.02E+00	-3.40E-01	6.36E+00	2.74E-05	0.00E+00	1.41E+03	3.48E-05	4.57E-03	4.87E-02	1.60E-02	6.01E+00	2.29E-07	1.49E-07	1.79E+01	8.30E-01	2.17E-02	7.00E-02	5.84E-02	1.78E+00	1.27E+02	5.53E+01	1.28E-07	1.83E-07	1.60E-02	1.07E-03	3.86E+00	5.78E+00	1.82E+02	1.31E-02	1.82E+02	1.92E+02	9.64E+00	0.00E+00	0.00E+00	3.90E-02	2.51E+00
VS122PY	2.95E-02	6.00E+00	-2.87E-01	6.33E+00	2.53E-05	0.00E+00	1.04E+03	7.11E-05	4.49E-03	4.89E-02	1.57E-02	6.46E+00	1.29E-07	1.32E-07	1.64E+01	8.67E-01	2.12E-02	6.83E-02	5.07E-02	1.91E+00	1.14E+02	5.01E+01	1.21E-07	2.16E-07	1.57E-02	1.10E-03	3.53E+00	4.98E+00	1.64E+02	6.37E-03	1.66E+02	1.73E+02	9.09E+00	0.00E+00	0.00E+00	2.49E-02	2.17E+00
VS122TA	2.61E-02	6.63E+00	-2.30E-01	6.83E+00	5.15E-04	0.00E+00	3.28E+02	7.21E-05	4.72E-03	5.09E-02	1.52E-02	5.32E+00	1.46E-07	9.95E-08	1.21E+01	2.05E+00	2.05E-02	5.34E-02	4.60E-02	2.79E+00	1.17E+02	5.13E+01	1.26E-07	1.98E-07	1.59E-02	1.56E-03	5.41E+00	4.95E+00	1.62E+02	7.04E-03	1.66E+02	1.76E+02	1.04E+01	0.00E+00	0.00E+00	1.14E-02	1.99E+00
VS122TD	2.59E-02	6.49E+00	-2.30E-01	6.77E+00	5.15E-04	0.00E+00	3.32E+02	7.11E-05	4.64E-03	5.00E-02	1.34E-02	5.30E+00	1.46E-07	9.95E-08	1.23E+01	1.97E+00	1.82E-02	5.36E-02	4.61E-02	2.77E+00	1.15E+02	5.07E+01	1.26E-07	1.98E-07	1.51E-02	1.56E-03	5.34E+00	4.94E+00	1.57E+02	7.08E-03	1.61E+02	1.72E+02	1.03E+01	0.00E+00	0.00E+00	1.15E-02	1.99E+00
VS122TF	2.55E-02	6.49E+00	-2.30E-01	6.76E+00	5.15E-04	0.00E+00	3.32E+02	7.11E-05	4.64E-03	5.00E-02	1.42E-02	5.29E+00	1.46E-07	9.84E-08	1.17E+01	1.95E+00	1.92E-02	5.34E-02	4.58E-02	2.77E+00	1.14E+02	5.10E+01	1.26E-07	2.00E-07	1.51E-02	1.56E-03	5.34E+00	4.94E+00	1.57E+02	7.72E-03	1.61E+02	1.71E+02	1.03E+01	0.00E+00	0.00E+00	1.14E-02	1.98E+00
VS122TJ	2.26E-02	6.45E+00	-2.19E-01	6.73E+00	5.14E-04	0.00E+00	2.76E+02	7.19E-05	4.61E-03	4.96E-02	1.41E-02	5.03E+00	1.42E-07	9.81E-08	1.17E+01	1.95E+00	1.91E-02	5.36E-02	4.47E-02	2.69E+00	1.14E+02	4.98E+01	1.23E-07	1.99E-07	1.51E-02	1.47E-03	4.93E+00	4.34E+00	1.57E+02	6.87E-03	1.60E+02	1.69E+02	8.54E+00	0.00E+00	0.00E+00	3.21E-02	1.94E+00
VS122TM	2.96E-02	6.86E+00	-2.28E-01	7.11E+00	5.15E-04	0.00E+00	3.29E+02	7.66E-05	4.92E-03	5.27E-02	1.60E-02	5.53E+00	1.46E-07	1.07E-07	1.46E+01	2.16E+00	2.16E-02	5.45E-02	4.84E-02	2.82E+00	1.20E+02	5.24E+01	1.25E-07	2.11E-07	1.74E-02	1.59E-03	5.62E+00	5.10E+00	1.74E+02	6.92E-03	1.75E+02	1.88E+02	1.06E+01	0.00E+00	0.00E+00	1.12E-02	2.07E+00
VS122TP	2.73E-02	6.84E+00	-2.30E-01	7.07E+00	5.15E-04	0.00E+00	3.33E+02	7.66E-05	4.81E-03	5.19E-02	1.57E-02	5.39E+00	1.46E-07	9.81E-08	1.24E+01	2.16E+00	2.12E-02	5.36E-02	4.66E-02	2.82E+00	1.17E+02	5.23E+01	1.25E-07	2.02E-07	1.63E-02	1.59E-03	5.58E+00	4.97E+00	1.66E+02	7.12E-03	1.69E+02	1.80E+02	1.06E+01	0.00E+00	0.00E+00	1.13E-02	1.99E+00
VS212PA	2.44E-02	4.79E+00	-2.66E-01	5.03E+00	3.65E-05	0.00E+00	7.20E+01	7.32E-05	3.57E-03	3.74E-02	1.33E-02	1.12E+01	1.79E-07	8.93E-08	1.11E+01	7.26E-01	1.79E-02	6.81E-02	4.74E-02	1.83E+00	9.47E+01	4.46E+01	3.48E-07	3.37E-07	1.26E-02	1.11E-03	3.38E+00	4.71E+00	1.42E+02	7.01E-03	1.42E+02	1.38E+02	8.27E+00	0.00E+00	0.00E+00	2.25E-02	2.05E+00
VS212PD	2.14E-02	5.00E+00	-2.68E-01	5.26E+00	2.29E-05	0.00E+00	2.32E+01	9.27E-05	3.69E-03	3.94E-02	1.33E-02	1.15E+01	2.71E-07	7.63E-08	9.47E+00	9.13E-01	1.80E-02	7.29E-02	4.97E-02	1.93E+00	6.12E+01	4.88E+01	3.73E-07	3.51E-07	1.30E-02	1.18E-03	3.57E+00	4.74E+00	1.10E+02	1.09E-02	1.10E+02	1.18E+02	8.31E+00	0.00E+00	0.00E+00	0.00E+00	2.14E+00
VS212PE	1.97E-02	4.92E+00	-2.69E-01	5.19E+00	4.04E-05	0.00E+00	2.27E+01	4.48E-05	3.62E-03	3.85E-02	1.33E-02	1.05E+01	1.21E-07	5.41E-08	3.89E+00	8.59E-01	1.80E-02	6.63E-02	4.68E-02	1.91E+00	5.99E+01	4.91E+01	3.64E-07	3.40E-07	1.27E-02	1.18E-03	3.51E+00	4.73E+00	1.09E+02	1.09E-02	1.09E+02	1.17E+02	8.25E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+00
VS212PEB	1.78E-02	4.58E+00	-2.82E-01	4.86E+00	4.86E-06	0.00E+00	2.01E+01	1.75E-05	3.37E-03	3.59E-02	1.27E-02	9.95E+00	4.17E-08	4.04E-08	2.64E+00	6.84E-01	1.72E-02	6.21E-02	4.33E-02	1.58E+00	5.50E+01	4.71E+01	3.52E-07	3.26E-07	1.18E-02	9.85E-04	3.14E+00	4.68E+00	1.02E+02	1.09E-02	1.02E+02	1.10E+02	7.82E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00
VS212PF	2.44E-02	4.74E+00	-1.51E-01	5.00E+00	2.02E-05	0.00E+00	5.75E+01	6.57E-05	3.51E-03	3.70E-02	1.32E-02	1.13E+01	1.68E-07	1.04E-07	1.08E+01	7.20E-01	1.78E-02	6.82E-02	4.73E-02	1.64E+00	9.34E+01	4.49E+01	3.23E-07	3.04E-07	1.25E-02	1.07E-03	3.23E+00	3.20E+00	1.41E+02	1.12E-02	1.42E+02	1.40E+02	6.38E+00	0.00E+00	0.00E+00	3.67E-02	2.05E+00
VS212PJ	2.46E-02	4.92E+00	-2.69E-01	5.21E+00	3.63E-05	0.00E+00	6.69E+01	6.85E-05	3.64E-03	3.85E-02	1.38E-02	1.13E+01	1.89E-07	9.18E-08	1.09E+01	7.22E-01	1.86E-02	6.77E-02	4.81E-02	1.79E+00	9.50E+01	4.59E+01	3.54E-07	3.33E-07	1.26E-02	1.10E-03	3.53E+00	4.81E+00	1.42E+02	9.43E-03	1.43E+02	1.40E+02	8.33E+00	0.00E+00	0.00E+00	1.05E-02	2.07E+00
VS212PM	2.45E-02	4.68E+00	-2.16E-01	4.96E+00	1.94E-05	0.00E+00	7.25E+01	6.71E-05	3.53E-03	3.68E-02	1.37E-02	1.13E+01	1.70E-07	1.06E-07	1.17E+01	7.11E-01	1.85E-02	6.80E-02	4.74E-02	1.70E+00	9.60E+01	4.42E+01	3.38E-07	3.02E-07	1.25E-02	1.06E-03	3.31E+00	3.88E+00	1.44E+02	1.02E-02	1.43E+02	1.41E+02	6.64E+00	0.00E+00	0.00E+00	3.70E-02	2.05E+00
VS212PP	3.07E-02	4.99E+00	-3.00E-01	5.29E+00	1.88E-05	0.00E+00	1.64E+03	3.49E-05	3.87E-03	4.14E-02	1.16E-02	1.78E+01	5.35E-08	1.91E-07	2.34E+01	5.38E-01	1.57E-02	7.13E-02	5.38E-02	1.75E+00	8.62E+01	3.51E+01	3.83E-07	4.02E-07	1.35E-02	9.61E-04	3.65E+00	4.90E+00	1.21E+02	2.24E-04	1.21E+02	1.30E+02	8.55E+00	0.00E+00	0.00E+00	2.41E-02	2.31E+00
VS212PR	2.64E-02	6.81E+00	-2.32E-01	7.01E+00	4.92E-04	0.00E+00	6.52E+02	4.90E-05	4.77E-03	5.08E-02	1.52E-02	1.14E+01	1.54E-07	1.03E-07	1.24E+01	2.24E+00	2.06E-02	9.04E-02	4.80E-02	2.70E+00	1.24E+02	4.86E+01	2.55E-07	2.98E-07	1.63E-02	1.41E-03	5.44E+00	4.77E+00	1.70E+02	4.66E-03	1.73E+02	1.77E+02	1.03E+01	0.00E+00	0.00E+00	1.07E-02	2.08E+00
VS212PS	3.05E-02	5.83E+00	-3.09E-01	6.14E+00	1.88E-05	0.00E+00	1.41E+03	3.59E-05	4.40E-03	4.70E-02	1.47E-02	1.59E+01	2.40E-07	1.64E-07	1.80E+01	7.28E-01	1.99E-02	7.24E-02	5.89E-02	1.89E+00	8.77E+01	4.98E+01	4.13E-07	4.01E-07	1.56E-02	1.09E-03	3.63E+00	5.25E+00	1.38E+02	1.10E-02	1.38E+02	1.46E+02	8.89E+00	0.00E+00	0.00E+00	2.41E-02	2.53E+00
VS212PT	1.22E-01	8.51E+00	-1.61E-01	8.67E+00	6.46E-05	0.00E+00	1.57E+02	9.10E-04	6.91E-03	7.60E-02	1.92E-02	7.95E+01	4.58E-06	1.36E-06	1.60E+02	3.23E+00	2.61E-02	2.50E-01	1.82E-01	3.76E+00	1.33E+02	5.23E+01	8.78E-07	1.02E-06	2.95E-02	1.89E-03	9.02E+00	5.34E+00	1.86E+02	1.18E-02	1.86E+02	2.00E+02	1.44E+01	0.00E+00	0.00E+00	0.00E+00	7.81E+00
VS212PY	2.69E-02	5.45E+00	-2.74E-01	5.68E+00	1.93E-05	0.00E+00	6.53E+02	6.89E-05	4.21E-03	4.54E-02	1.36E-02	1.24E+01	1.83E-07	1.28E-07	1.57E+01	6.81E-01	1.84E-02	6.70E-02	5.12E-02	1.82E+00	9.82E+01	4.41E+01	3.62E-07	3.57E-07	1.46E-02	1.08E-03	3.63E+00	4.93E+00	1.46E+02	5.85E-03	1.46E+02	1.41E+02	8.53E+00	0.00E+00	0.00E+00	1.38E-02	2.20E+00
VS212PZB	1.34E-02	3.62E+00	-2.81E-01	3.90E+00	4.86E-06	0.00E+00	1.73E+01	1.46E-05	2.85E-03	3.01E-02	1.14E-02	5.18E-02	4.08E-08	2.10E-08	2.61E+00	6.70E-01	1.54E-02	1.64E-02	3.13E-02	1.11E+00	3.39E+01	4.68E+01	5.87E-08	8.91E-08	9.75E-03	7.35E-04	2.92E+00	4.53E+00	8.08E+01	1.08E-02	8.08E+01	8.82E+01	7.45E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+00
VS212TA	2.26E-02	5.42E+00	-2.32E-01	5.78E+00	4.97E-04	0.00E+00	5.45E+01	7.78E-05	3.92E-03	4.17E-02	1.39E-02	1.09E+01	2.04E-07	8.56E-08	1.10E+01	2.00E+00	1.88E-02	5.52E-02	4.50E-02	2.46E+00	1.01E+02	4.52E+01	3.33E-07	2.99E-07	1.38E-02	1.46E-03	5.02E+00	4.73E+00	1.49E+02	6.94E-03	1.48E+02	1.53E+02	9.83E+00	0.00E+00	0.00E+00	2.31E-02	1.94E+00

VS212TD	2.16E-02	5.53E+00	-2.19E-01	5.75E+00	5.21E-04	0.00E+00	3.52E+01	9.82E-05	3.90E-03	4.16E-02	1.37E-02	1.15E+01	2.72E-07	8.42E-08	9.78E+00	2.11E+00	1.86E-02	7.33E-02	4.74E-02	2.70E+00	7.95E+01	4.66E+01	3.96E-07	3.54E-07	1.37E-02	1.53E-03	5.33E+00	4.78E+00	1.26E+02	1.09E-02	1.26E+02	1.36E+02	1.01E+01	0.00E+00	0.00E+00	0.00E+00	2.04E+00
VS212TE	1.95E-02	4.55E+00	-2.37E-01	4.95E+00	4.95E-04	0.00E+00	4.15E+01	4.28E-05	3.68E-03	3.87E-02	1.35E-02	1.04E+01	1.19E-07	6.27E-08	4.80E+00	2.00E+00	1.82E-02	5.40E-02	4.55E-02	2.08E+00	6.70E+01	4.56E+01	3.45E-07	3.04E-07	1.23E-02	1.42E-03	4.21E+00	4.72E+00	1.03E+02	7.83E-03	1.02E+02	1.12E+02	9.41E+00	0.00E+00	0.00E+00	5.38E-02	1.97E+00
VS212TF	2.25E-02	5.24E+00	-1.96E-01	5.53E+00	4.95E-04	0.00E+00	4.78E+01	7.44E-05	3.87E-03	4.11E-02	1.28E-02	1.07E+01	1.95E-07	9.20E-08	1.09E+01	2.00E+00	1.73E-02	5.49E-02	4.45E-02	1.99E+00	9.99E+01	4.42E+01	3.07E-07	3.01E-07	1.37E-02	1.33E-03	4.37E+00	3.83E+00	1.44E+02	7.28E-03	1.45E+02	1.51E+02	7.23E+00	0.00E+00	0.00E+00	4.46E-02	1.92E+00
VS212TJ	2.47E-02	6.56E+00	-2.49E-01	6.74E+00	4.98E-04	0.00E+00	2.74E+02	6.44E-05	4.62E-03	4.95E-02	1.42E-02	1.35E+01	1.62E-07	1.04E-07	1.31E+01	1.99E+00	1.92E-02	5.42E-02	4.66E-02	2.76E+00	1.07E+02	4.92E+01	3.58E-07	3.16E-07	1.54E-02	1.56E-03	5.29E+00	4.95E+00	1.53E+02	7.83E-03	1.53E+02	1.62E+02	1.05E+01	0.00E+00	0.00E+00	1.75E-02	2.02E+00
VS212TM	2.29E-02	5.14E+00	-1.43E-01	5.51E+00	4.98E-04	0.00E+00	5.51E+01	7.60E-05	3.89E-03	4.10E-02	1.39E-02	1.08E+01	1.87E-07	9.27E-08	1.15E+01	2.00E+00	1.88E-02	5.48E-02	4.51E-02	2.41E+00	1.04E+02	4.44E+01	3.18E-07	2.97E-07	1.37E-02	1.43E-03	4.78E+00	3.27E+00	1.49E+02	6.75E-03	1.48E+02	1.54E+02	7.43E+00	0.00E+00	0.00E+00	4.29E-02	1.94E+00
VS212TR	2.60E-02	6.70E+00	-1.40E-01	6.84E+00	4.92E-04	0.00E+00	6.54E+02	4.81E-05	4.70E-03	4.96E-02	1.35E-02	1.13E+01	1.49E-07	1.10E-07	1.27E+01	2.05E+00	1.83E-02	5.44E-02	4.81E-02	2.71E+00	1.22E+02	4.80E+01	2.45E-07	2.98E-07	1.55E-02	1.39E-03	5.56E+00	3.26E+00	1.58E+02	4.63E-03	1.63E+02	1.70E+02	8.32E+00	0.00E+00	0.00E+00	2.91E-02	2.09E+00
VS212TS	2.32E-02	5.15E+00	-8.51E-02	5.50E+00	4.96E-04	0.00E+00	7.91E+02	5.81E-05	3.91E-03	4.11E-02	1.39E-02	1.15E+01	1.76E-07	1.06E-07	1.24E+01	2.02E+00	1.88E-02	5.44E-02	4.62E-02	2.40E+00	1.03E+02	4.62E+01	3.30E-07	3.06E-07	1.37E-02	1.41E-03	4.75E+00	2.03E+00	1.50E+02	6.77E-03	1.49E+02	1.56E+02	7.50E+00	0.00E+00	0.00E+00	4.81E-02	1.99E+00
VS212TY	2.73E-02	6.57E+00	-2.32E-01	6.75E+00	4.97E-04	0.00E+00	6.78E+02	7.68E-05	4.75E-03	5.06E-02	1.49E-02	1.12E+01	2.02E-07	1.19E-07	1.39E+01	2.11E+00	2.01E-02	5.55E-02	4.61E-02	2.82E+00	1.07E+02	4.79E+01	3.35E-07	3.21E-07	1.56E-02	1.48E-03	5.36E+00	4.77E+00	1.56E+02	5.12E-03	1.58E+02	1.60E+02	1.02E+01	0.00E+00	0.00E+00	2.70E-02	2.01E+00
VS218PA	3.31E-02	7.01E+00	-3.13E-01	7.34E+00	4.13E-05	0.00E+00	8.51E+02	6.34E-05	4.99E-03	5.38E-02	1.81E-02	7.62E+00	3.40E-07	1.58E-07	2.04E+01	1.04E+00	2.45E-02	1.03E-01	6.78E-02	2.20E+00	1.66E+02	6.37E+01	1.22E-07	2.17E-07	1.74E-02	1.36E-03	5.50E+00	5.73E+00	2.30E+02	1.28E-03	2.28E+02	2.37E+02	1.15E+01	0.00E+00	0.00E+00	2.54E-02	2.92E+00
VS218PD	2.57E-02	6.55E+00	-2.69E-01	6.81E+00	3.42E-05	0.00E+00	2.65E+01	1.43E-04	4.67E-03	5.00E-02	1.73E-02	2.67E+00	4.41E-07	9.21E-08	1.43E+01	1.28E+00	2.34E-02	1.10E-01	6.51E-02	2.02E+00	1.46E+02	6.59E+01	6.30E-08	1.73E-07	1.60E-02	1.31E-03	6.20E+00	5.19E+00	2.12E+02	6.65E-05	2.12E+02	2.23E+02	1.14E+01	0.00E+00	0.00E+00	0.00E+00	2.80E+00
VS218PDE	2.90E-02	6.22E+00	-1.50E-01	6.51E+00	1.09E-05	0.00E+00	3.94E+02	5.31E-05	4.41E-03	4.67E-02	1.66E-02	1.04E+01	2.60E-07	1.07E-07	8.20E+00	1.02E+00	2.23E-02	7.01E-02	6.45E-02	2.03E+00	9.96E+01	5.54E+01	4.07E-07	3.29E-07	1.58E-02	1.37E-03	4.44E+00	3.43E+00	1.54E+02	5.91E-03	1.55E+02	1.68E+02	8.71E+00	0.00E+00	0.00E+00	1.04E-01	2.80E+00
VS218PES	3.00E-02	7.09E+00	-3.12E-01	7.40E+00	4.50E-05	0.00E+00	9.75E+02	3.23E-05	5.11E-03	5.49E-02	1.85E-02	4.38E+00	2.90E-07	1.24E-07	1.56E+01	1.06E+00	2.50E-02	1.01E-01	6.80E-02	2.11E+00	1.66E+02	6.70E+01	8.32E-08	1.96E-07	1.75E-02	1.36E-03	6.28E+00	5.66E+00	2.33E+02	6.69E-05	2.33E+02	2.45E+02	1.19E+01	0.00E+00	0.00E+00	3.90E-02	2.92E+00
VS218PF	3.36E-02	6.84E+00	-3.08E-01	7.10E+00	2.77E-05	0.00E+00	9.05E+02	6.62E-05	4.83E-03	5.23E-02	1.73E-02	8.03E+00	3.37E-07	1.67E-07	2.16E+01	1.03E+00	2.35E-02	1.02E-01	6.65E-02	2.19E+00	1.61E+02	5.93E+01	1.17E-07	2.27E-07	1.72E-02	1.37E-03	5.09E+00	5.33E+00	2.27E+02	8.02E-04	2.25E+02	2.31E+02	1.07E+01	0.00E+00	0.00E+00	2.91E-02	2.87E+00
VS218PJ	3.28E-02	6.80E+00	-1.51E-01	7.04E+00	2.90E-05	0.00E+00	5.96E+02	7.63E-05	4.81E-03	5.23E-02	1.76E-02	7.73E+00	3.33E-07	1.61E-07	1.93E+01	1.05E+00	2.38E-02	1.06E-01	6.93E-02	2.18E+00	1.53E+02	6.04E+01	1.40E-07	2.26E-07	1.73E-02	1.38E-03	4.95E+00	3.53E+00	2.19E+02	4.69E-03	2.13E+02	2.20E+02	8.53E+00	0.00E+00	0.00E+00	4.46E-02	2.99E+00
VS218PJ1	3.45E-02	7.63E+00	-3.08E-01	7.97E+00	4.14E-05	0.00E+00	9.09E+02	6.15E-05	5.48E-03	5.95E-02	1.90E-02	7.70E+00	3.38E-07	1.68E-07	2.28E+01	1.02E+00	2.58E-02	1.03E-01	7.28E-02	2.17E+00	1.69E+02	6.39E+01	1.21E-07	2.14E-07	1.92E-02	1.37E-03	5.70E+00	5.43E+00	2.38E+02	3.96E-04	2.36E+02	2.49E+02	1.15E+01	0.00E+00	0.00E+00	2.84E-02	3.13E+00
VS218PM	3.34E-02	7.39E+00	-1.89E-01	7.64E+00	2.91E-05	0.00E+00	6.02E+02	7.55E-05	5.21E-03	5.71E-02	1.85E-02	7.72E+00	3.42E-07	1.72E-07	2.10E+01	1.04E+00	2.50E-02	1.03E-01	7.34E-02	2.13E+00	1.70E+02	6.35E+01	1.32E-07	2.23E-07	1.87E-02	1.35E-03	5.56E+00	3.96E+00	2.36E+02	4.42E-03	2.35E+02	2.47E+02	1.06E+01	0.00E+00	0.00E+00	4.48E-02	3.16E+00
VS218PP	3.96E-02	7.86E+00	-3.10E-01	8.17E+00	2.74E-05	0.00E+00	2.05E+03	4.54E-05	5.73E-03	6.16E-02	1.92E-02	9.46E+00	6.25E-08	2.19E-07	2.93E+01	1.02E+00	2.59E-02	1.08E-01	7.88E-02	2.26E+00	1.86E+02	6.72E+01	1.12E-07	2.52E-07	1.99E-02	1.37E-03	6.39E+00	5.72E+00	2.53E+02	1.22E-04	2.53E+02	2.65E+02	1.21E+01	0.00E+00	0.00E+00	3.90E-02	3.38E+00
VS218PS	3.56E-02	7.52E+00	-3.13E-01	7.83E+00	2.74E-05	0.00E+00	1.67E+03	4.46E-05	5.47E-03	5.88E-02	1.89E-02	7.31E+00	3.39E-07	1.84E-07	2.25E+01	1.01E+00	2.56E-02	1.06E-01	7.42E-02	2.07E+00	1.79E+02	6.71E+01	1.06E-07	2.27E-07	1.89E-02	1.28E-03	6.24E+00	5.75E+00	2.46E+02	9.92E-05	2.46E+02	2.58E+02	1.20E+01	0.00E+00	0.00E+00	3.90E-02	3.19E+00
VS218PT	1.54E-01	1.13E+01	-1.45E-01	1.15E+01	9.00E-05	0.00E+00	1.68E+02	1.29E-03	8.78E-03	9.70E-02	2.50E-02	9.10E+01	8.92E-06	1.74E-06	2.05E+02	4.26E+00	3.38E-02	3.37E-01	2.38E-01	4.82E+00	2.37E+02	7.00E+01	7.88E-07	1.09E-06	3.73E-02	2.18E-03	1.45E+01	5.97E+00	3.07E+02	1.21E-03	3.07E+02	3.28E+02	2.04E+01	0.00E+00	0.00E+00	0.00E+00	1.02E+01
VS218PY	3.88E-02	7.71E+00	-3.15E-01	8.08E+00	2.79E-05	0.00E+00	1.40E+03	6.22E-05	5.68E-03	6.14E-02	1.93E-02	8.75E+00	3.27E-07	1.88E-07	2.57E+01	1.05E+00	2.63E-02	1.05E-01	7.51E-02	2.24E+00	1.74E+02	6.68E+01	1.19E-07	2.34E-07	1.95E-02	1.38E-03	5.71E+00	5.92E+00	2.38E+02	1.05E-03	2.39E+02	2.53E+02	1.18E+01	0.00E+00	0.00E+00	2.73E-02	3.24E+00
VS218TA	2.93E-02	7.27E+00	-2.32E-01	7.57E+00	7.19E-04	0.00E+00	3.11E+02	1.10E-04	5.10E-03	5.45E-02	1.83E-02	6.67E+00	3.56E-07	1.32E-07	1.71E+01	2.87E+00	2.48E-02	9.85E-02	6.55E-02	3.20E+00	1.66E+02	6.29E+01	1.36E-07	2.04E-07	1.76E-02	1.83E-03	8.04E+00	5.74E+00	2.26E+02	3.80E-03	2.31E+02	2.41E+02	1.35E+01	0.00E+00	0.00E+00	1.61E-02	2.80E+00
VS218TD	2.60E-02	7.28E+00	-2.04E-01	7.48E+00	7.01E-04	0.00E+00	4.27E+01	1.50E-04	4.95E-03	5.31E-02	1.79E-02	2.67E+00	4.42E-07	1.03E-07	1.47E+01	2.89E+00	2.42E-02	1.11E-01	6.21E-02	3.05E+00	1.70E+02	6.34E+01	9.45E-08	1.78E-07	1.69E-02	1.79E-03	8.57E+00	5.25E+00	2.34E+02	6.65E-05	2.34E+02	2.48E+02	1.38E+01	0.00E+00	0.00E+00	0.00E+00	2.67E+00
VS218TES	2.95E-02	7.52E+00	-2.31E-01	7.86E+00	7.33E-04	0.00E+00	5.82E+02	7.14E-05	5.40E-03	5.79E-02	1.85E-02	6.96E+00	3.65E-07	1.28E-07	1.65E+01	2.88E+00	2.51E-02	9.86E-02	6.61E-02	3.19E+00	1.67E+02	6.34E+01	1.43E-07	2.00E-07	1.90E-02	1.86E-03	8.01E+00	5.78E+00	2.28E+02	4.21E-03	2.32E+02	2.43E+02	1.35E+01	0.00E+00	0.00E+00	2.10E-02	2.81E+00
VS218TF	2.83E-02	7.12E+00	-2.22E-01	7.33E+00	7.05E-04	0.00E+00	9.07E+01	1.22E-04	5.01E-03	5.33E-02	1.75E-02	6.62E+00	3.60E-07	1.21E-07	1.64E+01	2.70E+00	2.37E-02	9.65E-02	6.37E-02	3.19E+00	1.57E+02	5.73E+01	1.27E-07	2.02E-07	1.75E-02	1.83E-03	7.54E+00	5.30E+00	2.21E+02	2.77E-03	2.21E+02	2.28E+02	1.22E+01	0.00E+00	0.00E+00	1.31E-02	2.74E+00
VS218TJ	2.91E-02	7.26E+00	-2.79E-01	7.55E+00	7.37E-04	0.00E+00	2.56E+02	1.15E-04	5.03E-03	5.39E-02	1.79E-02	6.39E+00	3.56E-07	1.27E-07	1.72E+01	2.84E+00	2.42E-02	9.85E-02	6.40E-02	3.43E+00	1.62E+02	6.21E+01	1.39E-07	2.05E-07	1.73E-02	1.89E-03	7.97E+00	6.26E+00	2.24E+02	3.87E-03	2.25E+02	2.36E+02	1.38E+01	0.00E+00	0.00E+00	1.53E-02	2.75E+00
VS218TJ1	3.02E-02	7.70E+00	-2.72E-01	8.10E+00	7.76E-04	0.00E+00	2.59E+02	1.06E-04	5.61E-03	6.01E-02	1.94E-02	6.64E+00	3.43E-07	1.31E-07	1.95E+01	2.90E+00	2.63E-02	9.98E-02	6.63E-02	3.38E+00	1.68E+02	6.53E+01	1.40E-07	2.05E-07	1.95E-02	1.92E-03	8.04E+00	6.38E+00	2.29E+02	3.88E-03	2.34E+02	2.45E+02	1.38E+01	0.00E+00	0.00E+00	1.56E-02	2.84E+00
VS218TM	3.00E-02	7.66E+00	-2.33E-01	8.06E+00	7.44E-04	0.00E+00	3.13E+02	1.07E-04	5.59E-03	5.96E-02	1.94E-02	6.84E+00	3.43E-07	1.33E-07	1.94E+01	2.83E+00	2.63E-02	9.94E-02	6.64E-02	3.31E+00	1.68E+02	6.41E+01	1.37E-07	2.06E-07	1.93E-02	1.87E-03	8.04E+00	5.94E+00	2.29E+02	3.97E-03	2.33E+02	2.43E+02	1.35E+01	0.00E+00	0.00E+00	1.62E-02	2.84E+00
VS218TP	2.97E-02	7.57E+00	-2.33E-01	7.94E+00	7.24E-04	0.00E+00	3.12E+02	1.07E-04	5.43E-03	5.82E-02	1.88E-02	6.73E+00	3.56E-07	1.32E-07	1.77E+01	2.83E+00	2.54E-02	9.90E-02	6.63E-02	3.20E+00	1.67E+02	6.36E+01	1.36E-07	2.04E-07	1.90E-02	1.86E-03	8.04E+00	5.76E+00	2.29E+02	3.97E-03	2.32E+02	2.43E+02	1.35E+01	0.00E+00	0.00E+00	1.62E-02	2.83E+00
VS218TS	2.85E-02	7.58E+00	-8.67E-02	7.90E+00	7.35E-04	0.00E+00	3.93E+02	7.88E-05	5.43E-03	5.85E-02	1.93E-02	7.07E+00	3.63E-07	1.22E-07	1.72E+01	2.80E+00	2.62E-02	1.05E-01	6.78E-02	3.28E+00	1.66E+02	6.06E+01	1.45E-07	1.99E-07	1.92E-02	1.75E-03	8.06E+00	2.27E+00	2.29E+02	5.40E-03	2.31E+02	2.41E+02	1.21E+01	0.00E+00	0.00E+00	4.58E-02	2.93E+00
VS218TY	3.43E-02	7.68E+00	-2.35E-01	8.07E+00	7.44E-04	0.00E+00	1.02E+03	1.07E-04	5.63E-03	6.05E-02	1.94E-02	7.98E+00	3.42E-07	1.89E-07	2.07E+01	2.83E+00	2.63E-02	9.87E-02	6.67E-02	3.32E+00	1.69E+02	6.41E+01	1.37E-07	2.10E-07	1.94E-02	1.87E-03	8.02E+00	5.95E+00	2.29E+02	3.34E-03	2.33E+02	2.43E+02	1.35E+01	0.00E+00	0.00E+00	1.96E-02	2.85E+00
VS312PA	2.94E-02	6.61E+00	-3.18E-01	6.94E+00	3.78E-05	0.00E+00	1.21E+02	5.97E-05	4.80E-03	5.21E-02	1.76E-02	1.62E+01	2.68E-07	1.11E-07	1.41E+01	1.06E+00	2.38E-02	1.02E-01	6.57E-02	2.42E+00	1.06E+02	6.20E+01	5.14E-07	4.71E-07	1.71E-02	1.50E-03	4.18E+00	5.69E+00	1.64E+02	1.15E-02	1.65E+02	1.70E+02	1.01E+01	0.00E+00	0.00E+00	1.71E-02	2.83E+00
VS312PD	2.81E-02	6.66E+00	-3.11E-01	6.97E+00	2.29E-05	0.00E+00	2.94E+01	1.05E-04	4.83E-03	5.15E-02	1.75E-02	1.66E+01	2.96E-07	9.58E-08	1.16E+01	1.15E+00	2.36E-02	1.02E-01	6.62E-02	2.56E+00	8.11E+01	6.43E+01	5.38E-07	4.98E-07	1.72E-02	1.56E-03	3.96E+00	5.67E+00	1.45E+02	1.41E-02	1.45E+02	1.55E+02	9.63E+00	0.00E+00	0.00E+00	0.00E+00	2.84E+00
VS312PE	3.21E-02	6.56E+00	-3.13E-01	6.88E+00	4.04E-05	0.00E+00	2.87E+01	4.99E-05	4.73E-03	5.05E-02	1.74E-02	1.54E+01	1.29E-07	7.04E-08	4.13E+00	1.08E+00	2.35E-02	9.47E-02	6.27E-02	2.52E+00	7.94E+01	6.46E+01	5.27E-07	4.85E-07	1.68E-02	1.57E-03	3.88E+00	5.66E+00	1.44E+02	1.41E-02	1.44E+02	1.54E+02	9.54E+00	0.00E+00	0.00E+00	0.00E+00	2.69E+00
VS312PF	2.92E-02	6.51E+00	-8.55E-02	6.77E+00	2.14E-05	0.00E+00	8.08E+01	7.46E-05	4.65E-03	5.11E-02	1.66E-02	1.38E+01	2.73E-07	1.17E-07	1.40E+01	1.02E+00	2.24E-02	8.75E-02	6.49E-02	2.18E+00	1.04E+02	5.60E+01	4.75E-07	4.44E-07	1.71E-02	1.43E-03	3.89E+00	2.11E+00	1.65E+02	1.09E-02	1.63E+02	1.68E+02	7.91E+00	0.00E+00	0.00E+00	3.99E-02	2.81E+00
VS312PJ	3.02E-02	7.43E+00	-3.18E-01	7.72E+00	3.79E-05	0.00E+00	1.22E+02	5.48E-05	5.30E-03	5.81E-02	1.90E-02	1.61E+01	2.60E-07	1.19E-07	1.66E+01	9.91E-01	2.57E-02	1.03E-01	7.07E-02	2.32E+00	1.13E+02	5.99E+01	5.16E-07	4.65E-07	1.94E-02	1.45E-03	4.38E+00	5.67E+00	1.72E+02	8.12E-03	1.76E+02	1.86E+02	1.03E+01	0.00E+00	0.00E+00	2.06E-02	3.03E+00
VS312PM	2.88E-02	6.59E+00	-2.66E-01	6.88E+00	2.15E-05	0.00E+00	8.19E+01	6.87E-05	4.66E-03	5.12E-02	1.80E-02	1.41E+01	2.72E-07	1.18E-07	1.51E+01	9.99E-01	2.44E-02	1.01E-01	6.86E-02	2.21E+00	1.08E+02	5.58E+01	4.82E-07	4.56E-07	1.70E-02	1.41E-03	4.16E+00	5.10E+00	1.67E+02	1.04E-02	1.66E+02	1.73E+02	9.73E+00	0.00E+00	0.00E+00	3.16E-02	2.95E+00
VS312PP	4.37E-02	7.06E+00	-3.42E-01	7.40E+00	3.27E-05	0.00E+00	2.49E+03	5.06E-05	5.37E-03	5.75E-02	1.59E-02	2.64E+01	6.80E-08	2.79E-07	3.33E+01	7.48E-01	2.15E-02	1.05E-01	7.59E-02	2.47E+00	1.23E+02	4.76E+01	5.66E-07	5.87E-07	1.90E-02	1.35E-03	4.36E+00	5.88E+00	1.71E+02	3.32E-04	1.71E+02	1.81E+02	1.02E+01	0.00E+00	0.00E+00	4.81E-02	3.26E+00
VS312PR	2.81E-02	7.68E+00	-3.06E-01	7.98E+00	7.58E-04	0.00E+00	8.46E+02	5.85E-05	5.71E-03	6.12E-02	1.95E-02	1.83E+01	1.54E-07	1.21E-07	1.80E+01	2.75E+00	2.64E-02	9.56E-02	6.50E-02	3.40E+00	1.40E+02	6.59E+01	3.85E-07	4.51E-07	2.04E-02	1.94E-03	7.98E+00	6.51E+00	1.88E+02	1.25E-02	1.91E+02	2.07E+02	1.35E+01	0.00E+00	0.00E+00	9.30E-03	2.79E+00
VS312PS	3.97E-02	7.74E+00	-3.54E-01	8.10E+00	1.88E-05	0.00E+00	1.67E+03	4.45E-05	5.73E-03	6.13E-02	1.92E-02	2.21E+01	3.00E-07	2.08E-07	2.15E+01	9.52E-01	2.59E-02	1.04E-01	7.82E-02	2.58E+00	1.16E+02	6.55E+01	5.89E-07	5.62E-07	2.05E-02	1.50E-03	4.05E+00	6.24E+00	1.82E+02	1.41E-02	1.82E+02	1.92E+02	1.03E+01	0.00E+00	0.00E+00	2.41E-02	3.36E+00
VS312PT	1.59E-01	1.17E+01	-1.76E-01	1.19E+01	1.00E-04	0.00E+00	1.73E+02	1.30E-03	9.15E-03	1.01E-01	2.54E-02	1.07E+02	8.94E-06	1.76E-06	2.08E+02	4.30E+00	3.44E-02	3.35E-01	2.46E-01	5.61E+00	1.74E+02	7.13E+01	1.29E-06	1.46E-06	3.90E-02	2.60E-03	1.28E+01	6.48E+00	2.45E+02	1.42E-03	2.45E+02	2.65E+02	1.93E+01	0.00E+00	0.00E+00	0.00E+00	1.06E+01
VS312PY	3.58E-02	7.52E+00	-3.21E-01	7.85E+00	2.21E-05	0.00E+00	9.62E+02	5.77E-05	5.61E-03	6.08E-02	1.94E-02	1.62E+01	2.50E-07	1.81E-07	1.99E+01	1.05E+00	2.63E-02	1.03E-01	7.25E-02	2.42E+00	1.15E+02	6.47E+01	5.07E-07	4.78E-07	1.99E-02	1.48E-03	4.38E+00	5.92E+00	1.72E+02	9.12E-03	1.74E+02	1.84E+02	1.06E+01	0.00E+00	0.00E+00	1.93E-02	3.13E+00
VS312TA	2.89E-02	7.15E+00	-2.45E-01	7.39E+00	6.97E-04	0.00E+00	9.87E+01	9.70E-05	5.04E-03	5.37E-02	1.78E-02	1.54E+01	1.56E-07	1.03E-07	1.37E+01	2.75E+00	2.42E-02	9.62E-02	6.27E-02	3.15E+00	1.13E+02	5.91E+01	4.46E-07	4.59E-07	1.77E-02	1.89E-03	7.76E+00	5.70E+00	1.70E+02	1.17E-02	1.69E+02	1.82E+02	1.28E+01	0.00E+00	0.00E+00	9.00E-03	2.69E+00
VS312TD	2.83E-02	7.33E+00	-2.47E-01	7.58E+00	6.61E-04	0.00E+00	4.50E+01	1.12E-04	5.09E-03	5.42E-02	1.79E-02	1.66E+01	2.96E-07	1.06E-07	1.20E+01	2.68E+00	2.42E-02	1.03E-01	6.33E-02	3.54E+00	1.04E+02	6.11E+01	5.70E-07	5.02E-07	1.80E-02	2.02E-03	6.22E+00	5.71E+00	1.65E+02	1.41E-02	1.65E+02	1.77E+02	1.19E+01	0.00E+00	0.00E+00	0.00E+00	2.72E+00
VS312TE	2.88E-02	6.69E+00	-2.48E-01	6.92E+00	6.94E-04	0.00E+00	8.43E+01	6.83E-05	4.73E-03	4.94E-02	1.75E-02	1.55E+01	1.15E-07	8.70E-08	9.57E+00	2.62E+00	2.37E-02	8.32E-02	6.19E-02	3.16E+00	8.16E+01	5.64E+01	4.58E-07	4.51E-07	1.63E-02	1.86E-03	7.44E+00	5.71E+00	1.31E+02	1.03E-02	1.29E+02	1.42E+02	1.20E+01	0.00E+00	0.00E+00	4.63E-02	2.68E+00
VS312TF	2.92E-02	7.04E+00	-2.44E-01	7.26E+00	6.86E-04	0.00E+00	1.85E+02	9.34E-05	5.00E-03	5.35E-02	1.63E-02	1.54E+01	1.66E-07	1.02E-07	1.38E+01	2.57E+00	2.17E-02	8.57E-02	6.14E-02	3.09E+00	1.07E+02	5.34E+01	4.40E-07	4.44E-07	1.76E-02	1.86E-03	7.18E+00	5.38E+00	1.68E+02	9.72E-03	1.66E+02	1.74E+02	1.20E+01	0.00E+00	0.00E+00	9.75E-03	2.64E+00
VS312TJ	2.81E-02	7.14E+00	-1.68E-01	7.37E+00	6.88E-04	0.00E+00	4.49E+01	9.58E-05	5.05E-03	5.42E-02	1.81E-02	1.34E+01	1.77E-07	9.80E-08	1.38E+01	2.73E+00	2.46E-02	9.48E-02	6.57E-02	3.13E+00	1.13E+02	5.41E+01	4.06E-07	4.38E-07	1.80E-02	1.75E-03	7.85E+00	3.85E+00	1.70E+02	1.14E-02	1.73E+02	1.83E+02	1.16E+01	0.00E+00	0.00E+00	3.60E-02	2.81E+00
VS312TM	2.83E-02	7.48E+00	-2.37E-01	7.73E+00	6.89E-04	0.00E+00	4.49E+01	9.59E-05	5.29E-03	5.77E-02	1.83E-02	1.35E+01	1.88E-07	9.70E-08	1.40E+01	2.70E+00	2.48E-02	9.41E-02	6.61E-02	3.09E+00	1.14E+02	5.61E+01	4.17E-07	4.35E-07	1.93E-02	1.76E-03	7.73E+00	5.08E+00	1.72E+02	1.14E-02	1.74E+02	1.86E+02	1.24E+01	0.00E+00	0.00E+00	2.14E-02	2.82E+00
VS312TP	2.93E-02	7.68E+00	-2.47E-01	8.00E+00	7.30E-04	0.00E+00	1.01E+02	9.10E-05	5.62E-03	6.03E-02	1.93E-02	1.57E+01	1.56E-07	1.02E-07	1.56E+01	2.73E+00	2.63E-02	9.73E-02	6.45E-02	3.23E+00	1.16E+02	6.21E+01	4.48E-07	4.50E-07	1.99E-02	1.95E-03	7.76E+00	5.93E+00	1.73E+02	1.17E-02	1.77E+02	1.91E+02	1.29E+01	0.00E+00	0.00E+00	9.46E-03	2.77E+00
VS312TR	2.80E-02	7.64E+00	-2.44E-01	7.95E+00	7.32E-04	0.00E+00	8.22E+02	5.77E-05	5.68E-03	6.07E-02	1.95E-02	1.76E+01	1.45E-07	1.21E-07	1.77E+01	2.73E+00	2.63E-02	9.54E-02	6.52E-02	3.15E+00	1.37E+02	6.32E+01	3.87E-07	4.46E-07	2.02E-02	1.87E-03	7.96E+00	5.96E+00	1.88E+02	1.25E-02	1.88E+02	2.02E+02	1.28E+01	0.00E+00	0.00E+00	9.56E-03	2.79E+00
VS312TY	3.42E-02	7.77E+00	-2.49E-01	8.05E+00	7.30E-04	0.00E+00	8.86E+02	9.08E-05	5.74E-03	6.20E-02	1.96E-02	1.58E+01	1.55E-07	1.87E-07	1.87E+01	2.73E+00	2.65E-02	9.66E-02	6.50E-02	3.27E+00	1.21E+02	6.25E+01	4.48E-07	4.52E-07	2.02E-02	1.95E-03	7.75E+00	5.96E+00	1.79E+02	9.72E-03	1.81E+02	1.95E+02	1.29E+01	0.00E+00	0.00E+00	1.41E-02	2.79E+00
VS318PA	3.94E-02	9.54E+00	-4.21E-01	1.00E+01	4.13E-05	0.00E+00	1.03E+03	1.28E-04	6.84E-03	7.33E-02	2.45E-02	4.49E+00	4.52E-07	1.33E-07	1.91E+01	1.50E+00	3.30E-02	1.30E-01	8.98E-02	2.90E+00	2.26E+02	8.79E+01	1.21E-07	2.76E-07	2.34E-02	1.85E-03	4.80E+00	7.48E+00	3.17E+02	7.43E-04	3.19E+02	3.33E+02	1.25E+01	0.00E+00	0.00E+00	3.68E-02	3.85E+00
VS318PD	3.33E-02	8.68E+00	-4.27E-01	9.11E+00	3.42E-05	0.00E+00	3.57E+01	1.63E-04	6.27E-03	6.64E-02	2.39E-02	2.89E+00	4.98E-07	1.10E-07	1.73E+01	1.64E+00	3.23E-02	1.56E-01	8.75E-02	2.67E+00	2.01E+02	8.92E+01	7.77E-08	2.18E-07	2.14E-02	1.76E-03	4.51E+00	7.75E+00	2.90E+02	7.98E-05	2.90E+02	3.02E+02	1.23E+01	0.00E+00	0.00E+00	0.00E+00	3.76E+00
VS318PES	4.36E-02	9.71E+00	-4.74E-01	1.02E+01	4.50E-05	0.00E+00	1.56E+03	4.62E-05	7.12E-03	7.56E-02	2.57E-02	7.73E+00	4.37E-07	2.04E-07	2.43E+01	1.39E+00	3.49E-02	1.48E-01	9.77E-02	2.94E+00	2.33E+02	9.14E+01	1.27E-07	2.76E-07	2.45E-02	1.89E-03	4.64E+00	8.40E+00	3.24E+02	1.13E-04	3.24E+02	3.37E+02	1.30E+01	0.00E+00	0.00E+00	3.90E-02	4.20E+00
VS318PF	3.65E-02	8.69E+00	-4.26E-01	9.12E+00	3.01E-05	0.00E+00	1.11E+03	1.30E-04	6.28E-03	6.69E-02	2.28E-02	4.84E+00	4.41E-07	1.29E-07	1.91E+01	1.49E+00	3.09E-02	1.30E-01	8.83E-02	2.86E+00	1.69E+02	8.02E+01	1.18E-07	2.69E-07	2.20E-02	1.83E-03	4.71E+00	7.47E+00	2.24E+02	1.09E-03	2.25E+02	2.39E+02	1.22E+01	0.00E+00	0.00E+00	3.76E-02	3.80E+00
VS318PJ	3.75E-02	8.79E+00	-8.48E-02	9.20E+00	3.08E-05	0.00E+00	9.46E+02	1.31E-04	6.31E-03	6.74E-02	2.31E-02	5.22E+00	4.40E-07	1.29E-07	1.82E+01	1.44E+00	3.13E-02	1.34E-01	8.86E-02	2.78E+00	1.68E+02	8.11E+01	1.36E-07	2.65E-07	2.20E-02	1.80E-03	4.81E+00	2.30E+00	2.23E+02	4.46E-03	2.27E+02	2.40E+02	1.11E+01	0.00E+00	0.00E+00	5.72E-02	3.83E+00
VS318PM	5.01E-02	9.92E+00	-3.63E-01	1.04E+01	3.01E-05	0.00E+00	1.58E+03	1.14E-04	7.58E-03	7.94E-02	2.49E-02	6.76E+00	4.42E-07	2.02E-07	2.53E+01	1.46E+00	3.36E-02	1.29E-01	9.86E-02	2.91E+00	2.27E+02	8.85E+01	1.26E-07	2.85E-07	2.49E-02	1.86E-03	4.75E+00	7.16E+00	3.19E+02	8.33E-04	3.20E+02	3.36E+02	1.28E+01	0.00E+00	0.00E+00	4.06E-02	4.22E+00
VS318PP	5.81E-02	1.09E+01	-4.68E-01	1.14E+01	2.74E-05	0.00E+00	3.26E+03	6.69E-05	8.09E-03	8.61E-02	2.69E-02	1.54E+01	9.53E-08	3.48E-07	4.50E+01	1.35E+00	3.64E-02	1.60E-01	1.14E-01	3.11E+00	2.65E+02	9.20E+01	1.70E-07	3.61E-07	2.82E-02	1.87E-03	4.99E+00	8.45E+00	3.57E+02	1.96E-04	3.57E+02	3.70E+02	1.34E+01	0.00E+00	0.00E+00	3.90E-02	4.90E+00
VS318PS	4.60E-02	9.92E+00	-4.77E-01	1.04E+01	2.74E-05	0.00E+00	1.93E+03	5.44E-05	7.31E-03	7.77E-02	2.59E-02	8.80E+00	5.04E-07	2.28E-07	2.73E+01	1.32E+00	3.51E-02	1.53E-01	9.99E-02	2.69E+00	2.43E+02	9.09E+01	1.35E-07	2.87E-07	2.52E-02	1.69E-03	4.39E+00	8.43E+00	3.34E+02	1.25E-04	3.34E+02	3.46E+02	1.28E+01	0.00E+00	0.00E+00	3.90E-02	4.29E+00
VS318PT	2.01E-01	1.46E+01	-2.62E-01	1.49E+01	1.19E-04	0.00E+00	2.09E+02	1.91E-03	1.16E-02	1.27E-01	3.44E-02	1.17E+02	1.11E-05	2.28E-06	2.71E+02	6.10E+00	4.65E-02	4.35E-01	3.12E-01	6.11E+00	3.08E+02	9.55E+01	9.41E-07	1.37E-06	4.87E-02	2.78E-03	1.51E+01	8.80E+00	4.03E+02	1.56E-03	4.03E+02	4.27E+02	2.39E+01	0.00E+00	0.00E+00	0.00E+00	1.34E+01
VS318PY	5.09E-02	1.08E+01	-4.24E-01	1.13E+01	4.16E-05	0.00E+00	1.58E+03	1.05E-04	8.00E-03	8.25E-02	2.68E-02	6.29E+00	4.32E-07	2.01E-07	2.54E+01	1.51E+00	3.63E-02	1.30E-01	9.96E-02	3.00E+00	2.32E+02	9.11E+01	1.41E-07	3.04E-07	2.51E-02	1.89E-03	4.94E+00	7.61E+00	3.24E+02	7.44E-04	3.27E+02	3.44E+02	1.32E+01	0.00E+00	0.00E+00	4.05E-02	4.25E+00
VS318TA	3.81E-02	1.02E+01	-3.33E-01	1.07E+01	1.03E-03	0.00E+00	1.54E+02	1.33E-04	7.43E-03	7.94E-02	2.49E-02	3.59E+00	4.60E-07	1.24E-07	1.85E+01	4.06E+00	3.36E-02	1.18E-01	8.39E-02	4.90E+00	2.32E+02	8.52E+01	1.39E-07	2.85E-07	2.47E-02	2.59E-03	8.46E+00	7.53E+00	3.25E+02	3.45E-03	3.26E+02	3.42E+02	1.66E+01	0.00E+00	0.00E+00	9.85E-03	3.60E+00
VS318TD	3.35E-02	9.69E+00	-3.31E-01	1.00E+01	1.02E-03	0.00E+00	5.94E+01	1.74E-04	6.65E-03	7.04E-02	2.45E-02	2.90E+00	4.98E-07	1.25E-07	1.79E+01	4.00E+00	3.32E-02	1.57E-01	8.25E-02	4.18E+00	2.37E+02	8.44E+01	1.24E-07	2.24E-07	2.26E-02	2.45E-03	7.99E+00	7.81E+00	3.21E+02	7.98E-05	3.21E+02	3.37E+02	1.58E+01	0.00E+00	0.00E+00	0.00E+00	3.54E+00
VS318TES	3.86E-02	1.04E+01	-3.33E-01	1.09E+01	1.02E-03	0.00E+00	4.67E+02	7.36E-05	7.42E-03	7.89E-02	2.50E-02	5.96E+00	4.92E-07	1.39E-07	2.47E+01	4.16E+00	3.37E-02	1.18E-01	8.26E-02	4.90E+00	2.33E+02	8.51E+01	1.40E-07	2.81E-07	2.51E-02	2.60E-03	8.42E+00	7.61E+00	3.23E+02	3.66E-03	3.22E+02	3.36E+02	1.67E+01	0.00E+00	0.00E+00	1.60E-02	3.57E+00
VS318TF	3.55E-02	9.16E+00	-2.59E-01	9.50E+00	1.03E-03	0.00E+00	2.00E+02	1.36E-04	6.47E-03	6.86E-02	2.31E-02	3.95E+00	4.54E-07	1.14E-07	1.83E+01	3.97E+00	3.12E-02	1.15E-01	8.02E-02	4.66E+00	1.76E+02	7.96E+01	1.35E-07	2.64E-07	2.21E-02	2.57E-03	8.41E+00	6.85E+00	2.38E+02	3.85E-03	2.37E+02	2.53E+02	1.49E+01	0.00E+00	0.00E+00	1.12E-02	3.43E+00
VS318TJ	3.54E-02	9.58E+00	-2.64E-01	9.89E+00	1.03E-03	0.00E+00	1.60E+02	1.37E-04	6.59E-03	6.97E-02	2.40E-02	3.78E+00	4.56E-07	1.13E-07	1.82E+01	3.97E+00	3.25E-02	1.15E-01	8.05E-02	4.70E+00	2.07E+02	8.18E+01	1.35E-07	2.58E-07	2.24E-02	2.57E-03	8.40E+00	7.00E+00	2.99E+02	3.72E-03	2.98E+02	3.09E+02	1.51E+01	0.00E+00	0.00E+00	1.10E-02	3.45E+00
VS318TM	4.65E-02	1.03E+01	-3.41E-01	1.08E+01	1.03E-03	0.00E+00	1.04E+03	1.17E-04	7.67E-03	8.08E-02	2.58E-02	5.45E+00	4.59E-07	2.06E-07	2.47E+01	4.10E+00	3.48E-02	1.44E-01	8.52E-02	5.03E+00	2.39E+02	8.77E+01	1.41E-07	2.86E-07	2.51E-02	2.60E-03	8.49E+00	8.00E+00	3.28E+02	2.07E-03	3.31E+02	3.46E+02	1.69E+01	0.00E+00	0.00E+00	1.46E-02	3.66E+00
VS318TP	3.82E-02	1.02E+01	-3.33E-01	1.07E+01	1.03E-03	0.00E+00	1.50E+02	1.33E-04	7.43E-03	7.94E-02	2.49E-02	3.64E+00	4.60E-07	1.24E-07	1.85E+01	4.02E+00	3.36E-02	1.19E-01	8.40E-02	4.89E+00	2.32E+02	8.53E+01	1.39E-07	2.85E-07	2.47E-02	2.60E-03	8.46E+00	7.53E+00	3.25E+02	3.45E-03	3.26E+02	3.42E+02	1.66E+01	0.00E+00	0.00E+00	9.85E-03	3.60E+00
VS318TS	3.92E-02	1.05E+01	-8.92E-02	1.09E+01	1.02E-03	0.00E+00	4.42E+02	7.49E-05	7.47E-03	7.90E-02	2.48E-02	6.15E+00	4.89E-07	1.36E-07	2.45E+01	4.07E+00	3.35E-02	1.21E-01	8.38E-02	4.45E+00	2.32E+02	7.71E+01	1.50E-07	2.75E-07	2.51E-02	2.38E-03	8.52E+00	2.37E+00	3.22E+02	6.52E-03	3.23E+02	3.37E+02	1.53E+01	0.00E+00	0.00E+00	4.25E-02	3.63E+00
VS412PA	4.11E-02	9.75E+00	-4.17E-01	1.02E+01	3.78E-05	0.00E+00	2.04E+02	1.16E-04	7.12E-03	7.61E-02	2.44E-02	2.14E+01	1.87E-07	1.31E-07	1.68E+01	1.45E+00	3.30E-02	1.25E-01	9.08E-02	3.26E+00	1.87E+02	8.50E+01	6.78E-07	5.94E-07	2.43E-02	1.94E-03	5.04E+00	7.46E+00	2.99E+02	1.57E-02	2.94E+02	3.11E+02	1.27E+01	0.00E+00	0.00E+00	2.73E-02	3.93E+00
VS412PD	3.68E-02	8.74E+00	-4.26E-01	9.17E+00	2.53E-05	0.00E+00	3.87E+01	1.33E-04	6.36E-03	6.77E-02	2.32E-02	2.20E+01	3.80E-07	1.25E-07	1.47E+01	1.50E+00	3.13E-02	1.35E-01	8.73E-02	3.35E+00	1.05E+02	8.50E+01	7.13E-07	6.58E-07	2.26E-02	2.05E-03	4.52E+00	7.65E+00	1.90E+02	1.85E-02	1.90E+02	2.03E+02	1.22E+01	0.00E+00	0.00E+00	0.00E+00	3.75E+00
VS412PE	3.39E-02	8.57E+00	-4.29E-01	9.00E+00	4.28E-05	0.00E+00	3.76E+01	5.74E-05	6.19E-03	6.58E-02	2.29E-02	2.04E+01	1.47E-07	8.91E-08	4.50E+00	1.39E+00	3.11E-02	1.25E-01	8.23E-02	3.29E+00	1.02E+02	8.52E+01	6.98E-07	6.40E-07	2.20E-02	2.04E-03	4.37E+00	7.63E+00	1.88E+02	1.84E-02	1.88E+02	2.00E+02	1.20E+01	0.00E+00	0.00E+00	0.00E+00	3.54E+00
VS412PF	4.42E-02	8.29E+00	-5.46E-01	8.75E+00	2.52E-05	0.00E+00	2.50E+02	9.71E-05	6.28E-03	6.75E-02	2.24E-02	2.07E+01	1.74E-07	1.48E-07	2.15E+01	1.63E+00	3.04E-02	1.33E-01	8.93E-02	3.32E+00	1.35E+02	7.37E+01	6.90E-07	6.05E-07	2.27E-02	1.91E-03	5.19E+00	1.11E+01	2.13E+02	1.06E-02	2.11E+02	2.24E+02	1.27E+01	0.00E+00	0.00E+00	3.05E-02	3.85E+00
VS412PJ	4.33E-02	9.96E+00	-2.81E-01	1.04E+01	3.93E-05	0.00E+00	1.82E+02	1.14E-04	7.36E-03	7.85E-02	2.45E-02	1.88E+01	1.89E-07	1.34E-07	1.64E+01	1.38E+00	3.31E-02	1.23E-01	9.33E-02	3.14E+00	1.89E+02	8.27E+01	6.58E-07	5.86E-07	2.48E-02	1.91E-03	5.11E+00	6.33E+00	2.95E+02	1.28E-02	2.93E+02	3.10E+02	1.24E+01	0.00E+00	0.00E+00	2.66E-02	4.03E+00
VS412PM	5.77E-02	9.81E+00	-5.37E-01	1.03E+01	2.57E-05	0.00E+00	1.21E+03	9.32E-05	7.82E-03	8.30E-02	2.49E-02	2.12E+01	1.65E-07	2.30E-07	2.73E+01	1.45E+00	3.36E-02	1.36E-01	9.93E-02	3.37E+00	1.99E+02	9.09E+01	7.07E-07	6.11E-07	2.56E-02	1.94E-03	5.19E+00	1.00E+01	2.98E+02	9.26E-03	2.96E+02	3.13E+02	1.39E+01	0.00E+00	0.00E+00	3.16E-02	4.28E+00

VS412PP	6.57E-02	1.14E+01	-4.65E-01	1.18E+01	3.52E-05	0.00E+00	3.44E+03	7.65E-05	8.47E-03	9.07E-02	2.68E-02	3.64E+01	9.70E-08	4.04E-07	4.68E+01	1.33E+00	3.62E-02	1.47E-01	1.20E-01	3.80E+00	1.78E+02	8.87E+01	8.23E-07	8.26E-07	3.05E-02	2.13E-03	5.46E+00	8.45E+00	2.66E+02	1.86E-02	2.66E+02	2.80E+02	1.39E+01	0.00E+00	0.00E+00	4.81E-02	5.13E+00
VS412PR	4.27E-02	1.12E+01	-8.67E-02	1.17E+01	1.02E-03	0.00E+00	7.88E+02	8.07E-05	7.90E-03	8.51E-02	2.60E-02	1.93E+01	1.82E-07	1.43E-07	1.74E+01	3.82E+00	3.51E-02	1.13E-01	8.55E-02	4.38E+00	2.57E+02	8.13E+01	4.28E-07	5.05E-07	2.66E-02	2.49E-03	8.98E+00	2.23E+00	3.76E+02	1.69E-02	3.61E+02	3.85E+02	1.69E+01	0.00E+00	0.00E+00	2.90E-02	3.69E+00
VS412PS	5.09E-02	1.01E+01	-4.67E-01	1.05E+01	2.12E-05	0.00E+00	1.94E+03	5.92E-05	7.48E-03	7.99E-02	2.52E-02	2.87E+01	4.56E-07	2.60E-07	2.68E+01	1.25E+00	3.41E-02	1.38E-01	1.02E-01	3.26E+00	1.49E+02	8.67E+01	7.75E-07	7.36E-07	2.67E-02	1.89E-03	4.62E+00	8.26E+00	2.36E+02	1.85E-02	2.36E+02	2.48E+02	1.29E+01	0.00E+00	0.00E+00	2.41E-02	4.37E+00
VS412PT	1.65E-01	1.34E+01	-2.93E-01	1.37E+01	1.21E-04	0.00E+00	1.94E+02	1.50E-03	1.05E-02	1.15E-01	3.15E-02	1.11E+02	9.10E-06	1.79E-06	2.09E+02	5.06E+00	4.26E-02	3.60E-01	2.63E-01	6.26E+00	1.85E+02	9.41E+01	1.37E-06	1.58E-06	4.31E-02	2.98E-03	1.40E+01	8.50E+00	2.80E+02	1.48E-03	2.80E+02	3.02E+02	2.25E+01	0.00E+00	0.00E+00	0.00E+00	1.13E+01
VS412PY	5.27E-02	1.02E+01	-8.63E-02	1.08E+01	2.51E-05	0.00E+00	1.06E+03	9.57E-05	8.07E-03	8.41E-02	2.58E-02	1.87E+01	1.79E-07	1.97E-07	1.99E+01	1.41E+00	3.48E-02	1.30E-01	9.84E-02	3.40E+00	1.90E+02	8.16E+01	6.31E-07	6.97E-07	2.59E-02	2.02E-03	5.18E+00	2.22E+00	2.98E+02	1.50E-02	3.02E+02	3.21E+02	1.23E+01	0.00E+00	0.00E+00	5.03E-02	4.27E+00
VS412TA	4.09E-02	1.04E+01	-3.35E-01	1.09E+01	1.01E-03	0.00E+00	7.03E+01	1.25E-04	7.67E-03	8.22E-02	2.49E-02	1.93E+01	2.22E-07	1.30E-07	1.64E+01	3.88E+00	3.37E-02	1.15E-01	8.42E-02	4.91E+00	2.10E+02	8.34E+01	5.99E-07	5.38E-07	2.58E-02	2.70E-03	8.66E+00	7.52E+00	3.11E+02	1.62E-02	3.11E+02	3.32E+02	1.67E+01	0.00E+00	0.00E+00	1.07E-02	3.63E+00
VS412TD	3.70E-02	9.71E+00	-3.34E-01	1.00E+01	9.64E-04	0.00E+00	6.12E+01	1.44E-04	6.72E-03	7.16E-02	2.38E-02	2.20E+01	3.80E-07	1.39E-07	1.52E+01	3.75E+00	3.22E-02	1.36E-01	8.26E-02	4.78E+00	1.39E+02	8.05E+01	7.57E-07	6.64E-07	2.38E-02	2.72E-03	7.81E+00	7.72E+00	2.20E+02	1.85E-02	2.20E+02	2.35E+02	1.55E+01	0.00E+00	0.00E+00	0.00E+00	3.55E+00
VS412TE	3.88E-02	8.61E+00	-4.72E-01	9.07E+00	1.00E-03	0.00E+00	5.39E+01	1.06E-04	6.46E-03	6.87E-02	2.27E-02	1.63E+01	1.72E-07	1.07E-07	8.75E+00	3.66E+00	3.07E-02	8.88E-02	8.00E-02	5.03E+00	1.44E+02	6.72E+01	5.76E-07	5.28E-07	2.30E-02	2.81E-03	8.68E+00	9.38E+00	2.31E+02	1.26E-02	2.28E+02	2.39E+02	1.50E+01	0.00E+00	0.00E+00	5.70E-02	3.42E+00
VS412TF	4.15E-02	8.64E+00	-4.76E-01	9.03E+00	1.05E-03	0.00E+00	6.18E+01	1.14E-04	6.50E-03	6.92E-02	2.24E-02	1.91E+01	2.41E-07	1.46E-07	2.01E+01	3.93E+00	3.03E-02	1.29E-01	7.90E-02	5.15E+00	1.52E+02	6.79E+01	5.88E-07	5.33E-07	2.31E-02	2.87E-03	8.75E+00	9.90E+00	2.34E+02	1.38E-02	2.31E+02	2.43E+02	1.54E+01	0.00E+00	0.00E+00	1.11E-02	3.40E+00
VS412TJ	4.13E-02	1.04E+01	-2.59E-01	1.09E+01	1.01E-03	0.00E+00	7.49E+01	1.19E-04	7.67E-03	8.22E-02	2.52E-02	1.80E+01	2.20E-07	1.27E-07	1.61E+01	3.82E+00	3.40E-02	1.10E-01	8.49E-02	4.69E+00	2.08E+02	8.19E+01	5.86E-07	5.35E-07	2.59E-02	2.62E-03	8.71E+00	6.35E+00	3.09E+02	1.43E-02	3.10E+02	3.32E+02	1.65E+01	0.00E+00	0.00E+00	9.93E-03	3.65E+00
VS412TM	5.22E-02	1.01E+01	-4.75E-01	1.05E+01	1.02E-03	0.00E+00	1.05E+03	1.12E-04	7.96E-03	8.42E-02	2.51E-02	1.94E+01	2.50E-07	2.23E-07	2.28E+01	3.91E+00	3.39E-02	1.31E-01	8.52E-02	5.10E+00	2.18E+02	8.92E+01	6.11E-07	5.27E-07	2.58E-02	2.88E-03	8.73E+00	9.83E+00	3.14E+02	1.34E-02	3.15E+02	3.35E+02	1.80E+01	0.00E+00	0.00E+00	1.63E-02	3.69E+00
VS412TP	4.20E-02	1.12E+01	-3.35E-01	1.18E+01	1.01E-03	0.00E+00	6.98E+01	1.20E-04	8.06E-03	8.54E-02	2.65E-02	1.97E+01	2.22E-07	1.30E-07	1.66E+01	3.97E+00	3.59E-02	1.15E-01	8.47E-02	4.88E+00	2.13E+02	8.50E+01	6.02E-07	5.47E-07	2.61E-02	2.75E-03	8.75E+00	7.55E+00	3.17E+02	1.64E-02	3.18E+02	3.42E+02	1.75E+01	0.00E+00	0.00E+00	1.21E-02	3.65E+00
VS412TR	4.26E-02	1.12E+01	-2.61E-01	1.17E+01	1.03E-03	0.00E+00	8.61E+02	7.81E-05	7.90E-03	8.49E-02	2.60E-02	2.08E+01	1.81E-07	1.43E-07	1.83E+01	3.84E+00	3.51E-02	1.06E-01	8.52E-02	4.60E+00	2.56E+02	8.48E+01	4.95E-07	5.04E-07	2.65E-02	2.63E-03	8.91E+00	6.36E+00	3.78E+02	1.46E-02	3.62E+02	3.84E+02	1.70E+01	0.00E+00	0.00E+00	1.11E-02	3.65E+00
VS418PA	4.79E-02	1.14E+01	-5.04E-01	1.20E+01	3.99E-05	0.00E+00	1.14E+03	1.55E-04	8.29E-03	8.76E-02	3.09E-02	5.43E+00	5.33E-07	2.06E-07	2.61E+01	1.85E+00	4.19E-02	1.99E-01	1.13E-01	3.56E+00	2.78E+02	1.10E+02	1.49E-07	3.36E-07	2.89E-02	2.32E-03	5.22E+00	9.37E+00	3.75E+02	6.73E-04	3.75E+02	3.91E+02	1.47E+01	0.00E+00	0.00E+00	1.20E-01	4.85E+00
VS418PD	4.14E-02	1.10E+01	-5.12E-01	1.15E+01	3.66E-05	0.00E+00	4.45E+01	1.84E-04	7.90E-03	8.37E-02	3.02E-02	3.22E+00	5.62E-07	1.30E-07	2.09E+01	2.01E+00	4.08E-02	2.01E-01	1.11E-01	3.38E+00	2.61E+02	1.13E+02	9.51E-08	2.70E-07	2.71E-02	2.24E-03	5.01E+00	9.45E+00	3.74E+02	9.47E-05	3.74E+02	3.88E+02	1.45E+01	0.00E+00	0.00E+00	0.00E+00	4.76E+00
VS418PES	5.26E-02	1.22E+01	-5.57E-01	1.27E+01	4.74E-05	0.00E+00	1.62E+03	5.34E-05	8.82E-03	9.37E-02	3.22E-02	8.35E+00	6.57E-07	2.33E-07	2.82E+01	1.73E+00	4.36E-02	1.93E-01	1.22E-01	3.60E+00	2.97E+02	1.16E+02	1.50E-07	3.32E-07	3.05E-02	2.34E-03	5.05E+00	1.01E+01	4.13E+02	1.29E-04	4.13E+02	4.28E+02	1.52E+01	0.00E+00	0.00E+00	3.90E-02	5.22E+00
VS418PF	4.41E-02	1.13E+01	-3.76E-01	1.17E+01	3.47E-05	0.00E+00	1.21E+03	1.54E-04	8.12E-03	8.54E-02	2.89E-02	5.60E+00	5.23E-07	1.67E-07	2.48E+01	1.76E+00	3.92E-02	1.87E-01	1.05E-01	3.45E+00	2.47E+02	1.04E+02	1.36E-07	3.16E-07	2.82E-02	2.25E-03	5.23E+00	7.31E+00	3.56E+02	1.33E-03	3.57E+02	3.76E+02	1.44E+01	0.00E+00	0.00E+00	1.20E-01	4.53E+00
VS418PJ	4.68E-02	1.12E+01	-4.96E-01	1.16E+01	3.49E-05	0.00E+00	1.22E+03	1.52E-04	8.15E-03	8.57E-02	2.95E-02	5.54E+00	5.31E-07	1.75E-07	2.51E+01	1.78E+00	4.02E-02	1.97E-01	1.09E-01	3.53E+00	2.55E+02	1.08E+02	1.36E-07	3.28E-07	2.81E-02	2.26E-03	5.23E+00	8.94E+00	3.61E+02	8.29E-04	3.61E+02	3.78E+02	1.46E+01	0.00E+00	0.00E+00	1.21E-01	4.67E+00
VS418PM	6.18E-02	1.26E+01	-5.11E-01	1.33E+01	3.61E-05	0.00E+00	1.99E+03	1.30E-04	8.99E-03	9.70E-02	3.25E-02	7.85E+00	5.14E-07	3.22E-07	3.52E+01	1.79E+00	4.40E-02	2.00E-01	1.20E-01	3.60E+00	3.26E+02	1.11E+02	1.56E-07	3.60E-07	3.22E-02	2.25E-03	5.32E+00	9.52E+00	4.36E+02	5.36E-04	4.34E+02	4.55E+02	1.50E+01	0.00E+00	0.00E+00	1.22E-01	5.14E+00
VS418PP	7.39E-02	1.40E+01	-5.59E-01	1.46E+01	5.25E-05	0.00E+00	3.88E+03	8.16E-05	1.03E-02	1.10E-01	3.45E-02	1.94E+01	1.16E-07	4.39E-07	5.68E+01	1.77E+00	4.67E-02	2.12E-01	1.46E-01	4.01E+00	3.46E+02	1.17E+02	2.13E-07	4.58E-07	3.61E-02	2.41E-03	5.76E+00	1.03E+01	4.63E+02	2.49E-04	4.63E+02	4.79E+02	1.61E+01	0.00E+00	0.00E+00	7.80E-02	6.27E+00
VS418PR	5.57E-02	1.58E+01	-4.81E-01	1.64E+01	1.40E-03	0.00E+00	4.56E+02	8.03E-05	1.08E-02	1.15E-01	3.43E-02	6.60E+00	2.96E-07	1.97E-07	3.32E+01	5.03E+00	4.65E-02	1.82E-01	1.12E-01	6.63E+00	3.70E+02	1.21E+02	1.96E-07	3.42E-07	3.80E-02	3.75E-03	9.76E+00	1.18E+01	4.99E+02	1.27E-02	4.84E+02	5.37E+02	2.14E+01	0.00E+00	0.00E+00	1.37E-02	4.77E+00
VS418PS	5.65E-02	1.25E+01	-5.67E-01	1.30E+01	2.99E-05	0.00E+00	2.17E+03	5.99E-05	9.11E-03	9.68E-02	3.26E-02	1.02E+01	6.61E-07	2.71E-07	3.23E+01	1.65E+00	4.41E-02	1.99E-01	1.25E-01	3.40E+00	3.11E+02	1.15E+02	1.61E-07	3.52E-07	3.15E-02	2.16E-03	4.86E+00	1.02E+01	4.26E+02	1.50E-04	4.26E+02	4.41E+02	1.51E+01	0.00E+00	0.00E+00	3.90E-02	5.38E+00
VS418PT	2.47E-01	1.88E+01	-3.06E-01	1.92E+01	1.60E-04	0.00E+00	2.18E+02	2.35E-03	1.47E-02	1.62E-01	4.36E-02	1.41E+02	1.44E-05	2.76E-06	3.25E+02	7.53E+00	5.90E-02	5.44E-01	3.89E-01	8.02E+00	4.03E+02	1.22E+02	1.20E-06	1.68E-06	6.18E-02	3.71E-03	1.83E+01	1.08E+01	5.24E+02	1.91E-03	5.24E+02	5.53E+02	2.91E+01	0.00E+00	0.00E+00	0.00E+00	1.67E+01
VS418PY	6.08E-02	1.34E+01	-5.06E-01	1.39E+01	4.04E-05	0.00E+00	1.93E+03	1.32E-04	9.79E-03	1.03E-01	3.25E-02	7.64E+00	5.22E-07	3.26E-07	3.55E+01	1.82E+00	4.40E-02	1.97E-01	1.19E-01	3.60E+00	3.30E+02	1.12E+02	1.61E-07	3.55E-07	3.31E-02	2.31E-03	5.25E+00	9.43E+00	4.36E+02	7.33E-04	4.36E+02	4.57E+02	1.49E+01	0.00E+00	0.00E+00	1.22E-01	5.12E+00
VS418TA	5.10E-02	1.24E+01	-3.90E-01	1.28E+01	1.35E-03	0.00E+00	5.09E+02	1.76E-04	8.51E-03	9.17E-02	3.14E-02	4.11E+00	5.30E-07	1.81E-07	2.39E+01	4.88E+00	4.24E-02	1.87E-01	1.03E-01	6.19E+00	2.86E+02	1.06E+02	1.74E-07	3.24E-07	3.01E-02	3.44E-03	9.69E+00	9.36E+00	3.83E+02	9.94E-05	3.87E+02	4.07E+02	2.18E+01	0.00E+00	0.00E+00	1.63E-02	4.41E+00
VS418TD	4.16E-02	1.22E+01	-3.95E-01	1.26E+01	1.24E-03	0.00E+00	7.32E+01	1.97E-04	8.34E-03	8.83E-02	3.08E-02	3.23E+00	5.62E-07	1.48E-07	2.16E+01	4.88E+00	4.17E-02	2.02E-01	1.04E-01	5.20E+00	3.04E+02	1.06E+02	1.51E-07	2.76E-07	2.84E-02	3.08E-03	9.24E+00	9.51E+00	4.10E+02	9.47E-05	4.10E+02	4.29E+02	1.88E+01	0.00E+00	0.00E+00	0.00E+00	4.48E+00
VS418TES	5.10E-02	1.25E+01	-3.93E-01	1.28E+01	1.39E-03	0.00E+00	8.03E+02	9.07E-05	8.57E-03	9.19E-02	3.18E-02	6.43E+00	5.98E-07	1.84E-07	2.69E+01	4.93E+00	4.28E-02	1.83E-01	1.04E-01	6.27E+00	2.87E+02	1.06E+02	1.75E-07	3.39E-07	3.02E-02	3.47E-03	9.69E+00	9.38E+00	3.81E+02	5.05E-04	3.82E+02	4.00E+02	2.16E+01	0.00E+00	0.00E+00	2.28E-02	4.46E+00
VS418TF	4.04E-02	1.20E+01	-3.30E-01	1.23E+01	1.28E-03	0.00E+00	5.10E+02	1.78E-04	8.25E-03	8.72E-02	2.95E-02	3.99E+00	5.44E-07	1.41E-07	2.15E+01	4.77E+00	4.01E-02	1.53E-01	9.43E-02	5.61E+00	2.55E+02	1.00E+02	1.62E-07	2.85E-07	2.81E-02	3.16E-03	9.45E+00	7.47E+00	3.69E+02	6.81E-04	3.72E+02	3.94E+02	1.91E+01	0.00E+00	0.00E+00	1.66E-02	4.03E+00
VS418TJ	4.36E-02	1.20E+01	-3.80E-01	1.24E+01	1.28E-03	0.00E+00	5.09E+02	1.80E-04	8.25E-03	8.76E-02	3.01E-02	3.84E+00	5.43E-07	1.50E-07	2.18E+01	4.87E+00	4.07E-02	1.83E-01	9.97E-02	5.93E+00	2.63E+02	1.07E+02	1.63E-07	2.92E-07	2.79E-02	3.37E-03	9.54E+00	9.17E+00	3.77E+02	9.91E-05	3.76E+02	3.97E+02	2.01E+01	0.00E+00	0.00E+00	1.57E-02	4.26E+00
VS418TM	5.77E-02	1.45E+01	-4.67E-01	1.49E+01	1.30E-03	0.00E+00	1.55E+03	1.52E-04	1.03E-02	1.10E-01	3.28E-02	6.47E+00	5.20E-07	2.49E-07	3.25E+01	4.86E+00	4.43E-02	1.91E-01	1.08E-01	6.20E+00	3.35E+02	1.12E+02	1.94E-07	3.43E-07	3.57E-02	3.61E-03	9.64E+00	1.03E+01	4.45E+02	1.25E-04	4.47E+02	4.67E+02	2.04E+01	0.00E+00	0.00E+00	2.09E-02	4.66E+00
VS418TP	5.24E-02	1.38E+01	-3.91E-01	1.43E+01	1.30E-03	0.00E+00	5.15E+02	1.73E-04	9.66E-03	1.03E-01	3.26E-02	4.18E+00	5.34E-07	1.86E-07	2.41E+01	4.90E+00	4.40E-02	1.87E-01	1.05E-01	6.18E+00	3.30E+02	1.10E+02	1.79E-07	3.31E-07	3.29E-02	3.55E-03	9.61E+00	9.40E+00	4.41E+02	1.05E-04	4.39E+02	4.58E+02	2.04E+01	0.00E+00	0.00E+00	1.78E-02	4.52E+00
VS418TS	5.08E-02	1.24E+01	-4.02E-01	1.28E+01	1.30E-03	0.00E+00	8.04E+02	9.07E-05	8.57E-03	9.18E-02	3.17E-02	6.43E+00	5.98E-07	1.83E-07	2.70E+01	4.90E+00	4.27E-02	1.85E-01	1.03E-01	6.01E+00	2.87E+02	1.05E+02	1.75E-07	3.39E-07	3.01E-02	3.39E-03	9.60E+00	9.50E+00	3.81E+02	5.06E-04	3.82E+02	3.99E+02	1.99E+01	0.00E+00	0.00E+00	2.25E-02	4.43E+00
VS418TY	5.66E-02	1.44E+01	-3.97E-01	1.48E+01	1.37E-03	0.00E+00	1.53E+03	1.63E-04	1.02E-02	1.09E-01	3.29E-02	6.26E+00	5.34E-07	2.44E-07	3.02E+01	4.88E+00	4.45E-02	1.90E-01	1.07E-01	6.44E+00	3.34E+02	1.10E+02	1.95E-07	3.40E-07	3.53E-02	3.60E-03	9.73E+00	9.40E+00	4.43E+02	1.09E-04	4.44E+02	4.62E+02	2.21E+01	0.00E+00	0.00E+00	2.09E-02	4.58E+00
VU12AT	4.68E-02	1.33E+01	-1.84E-01	1.36E+01	1.23E-05	0.00E+00	2.00E+03	7.23E-05	7.54E-03	8.15E-02	2.17E-02	5.68E+00	4.38E-08	1.86E-07	2.83E+01	2.28E-01	2.93E-02	5.02E-01	8.48E-02	7.94E-01	5.61E+02	4.30E+01	1.23E-07	2.50E-07	2.77E-02	3.53E-04	2.08E+00	3.66E+00	6.01E+02	8.78E-05	6.02E+02	6.07E+02	6.83E+00	0.00E+00	0.00E+00	1.76E-03	3.67E+00
VU12DKN	4.35E-02	1.24E+01	-2.13E-01	1.27E+01	1.17E-05	0.00E+00	8.19E+02	5.86E-05	7.07E-03	7.70E-02	2.08E-02	3.48E+00	3.98E-08	1.45E-07	2.38E+01	2.11E-01	2.82E-02	4.89E-01	7.74E-02	6.78E-01	5.45E+02	4.24E+01	1.00E-07	2.35E-07	2.60E-02	2.43E-04	2.03E+00	3.81E+00	5.81E+02	6.09E-05	5.84E+02	5.91E+02	6.87E+00	0.00E+00	0.00E+00	1.67E-03	3.32E+00
VU12EP	4.24E-02	1.21E+01	-2.25E-01	1.24E+01	1.00E-05	0.00E+00	8.60E+02	3.59E-05	6.70E-03	7.28E-02	2.05E-02	3.56E+00	3.53E-08	1.32E-07	2.41E+01	8.55E-02	2.77E-02	4.79E-01	7.33E-02	5.06E-01	5.18E+02	4.19E+01	7.34E-08	2.20E-07	2.51E-02	1.65E-04	1.79E+00	3.80E+00	5.60E+02	3.94E-05	5.60E+02	5.66E+02	5.59E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+00
VU12ET	4.49E-02	1.10E+01	-1.07E-01	1.14E+01	3.15E-04	0.00E+00	2.00E+03	5.88E-05	6.55E-03	7.15E-02	1.92E-02	6.33E+00	2.19E-07	1.80E-07	2.69E+01	9.60E-01	2.62E-02	5.08E-01	7.97E-02	1.18E+00	5.06E+02	4.51E+01	1.35E-07	2.43E-07	2.46E-02	5.41E-04	4.45E+00	2.89E+00	5.73E+02	1.42E-04	5.77E+02	5.86E+02	6.82E+00	0.00E+00	0.00E+00	1.69E-03	3.46E+00
VU12IE	4.79E-02	1.26E+01	-3.37E-01	1.30E+01	1.20E-04	0.00E+00	2.43E+02	1.60E-04	7.39E-03	7.97E-02	2.38E-02	3.91E+00	5.19E-07	1.73E-07	2.56E+01	4.77E-01	3.22E-02	4.42E-01	7.83E-02	9.08E-01	5.52E+02	4.90E+01	1.51E-07	2.73E-07	2.72E-02	2.80E-04	1.54E+00	6.67E+00	5.90E+02	8.54E-05	5.93E+02	6.10E+02	8.04E+00	0.00E+00	0.00E+00	5.07E-03	3.40E+00
VU12LN	4.43E-02	1.25E+01	-5.54E-01	1.31E+01	1.00E-05	0.00E+00	7.16E+02	7.66E-05	7.43E-03	7.95E-02	2.32E-02	3.12E+00	7.47E-08	1.31E-07	2.33E+01	1.76E-01	3.14E-02	5.06E-01	7.39E-02	8.53E-01	5.55E+02	4.18E+01	1.16E-07	2.31E-07	2.77E-02	3.27E-04	9.19E-01	8.14E+00	5.97E+02	4.13E-05	5.97E+02	6.06E+02	9.06E+00	0.00E+00	0.00E+00	0.00E+00	3.17E+00
VU12NA	4.28E-02	1.25E+01	-2.28E-01	1.27E+01	1.00E-05	0.00E+00	7.07E+02	3.53E-05	6.84E-03	7.44E-02	2.10E-02	3.10E+00	3.47E-08	1.25E-07	2.31E+01	8.67E-02	2.84E-02	5.03E-01	7.64E-02	4.62E-01	5.50E+02	4.11E+01	6.84E-08	2.20E-07	2.58E-02	1.45E-04	1.69E+00	3.85E+00	5.91E+02	4.11E-05	5.91E+02	5.96E+02	5.54E+00	0.00E+00	0.00E+00	0.00E+00	3.28E+00
VU12NC	5.83E-02	1.38E+01	-2.18E-01	1.41E+01	1.00E-05	0.00E+00	2.24E+03	8.15E-05	7.86E-03	8.55E-02	2.26E-02	1.12E+01	4.67E-08	2.87E-07	4.10E+01	1.81E-01	3.06E-02	5.32E-01	9.59E-02	7.60E-01	5.93E+02	4.30E+01	1.31E-07	3.12E-07	2.98E-02	2.55E-04	2.18E+00	4.01E+00	6.35E+02	1.33E-04	6.35E+02	6.42E+02	6.20E+00	0.00E+00	0.00E+00	0.00E+00	4.12E+00
VU12ND	4.48E-02	1.29E+01	-2.21E-01	1.31E+01	2.23E-05	0.00E+00	8.65E+02	7.37E-05	7.32E-03	8.00E-02	2.19E-02	4.26E+00	3.89E-08	1.56E-07	2.45E+01	2.19E-01	2.96E-02	5.04E-01	8.49E-02	1.93E+00	5.35E+02	4.28E+01	1.37E-07	2.61E-07	2.75E-02	4.40E-04	5.22E+00	3.94E+00	5.78E+02	1.38E-04	5.78E+02	5.87E+02	9.16E+00	0.00E+00	0.00E+00	2.11E-02	3.65E+00
VU12NE	4.40E-02	1.28E+01	-2.14E-01	1.30E+01	5.09E-05	0.00E+00	1.71E+02	1.40E-04	7.03E-03	7.66E-02	2.14E-02	3.22E+00	4.64E-07	1.35E-07	2.31E+01	4.30E-01	2.90E-02	5.40E-01	8.06E-02	6.16E-01	5.63E+02	4.21E+01	8.31E-08	2.34E-07	2.66E-02	2.18E-04	2.16E+00	3.81E+00	6.05E+02	5.49E-05	6.05E+02	6.11E+02	5.97E+00	0.00E+00	0.00E+00	0.00E+00	3.46E+00
VU12NG	4.71E-02	1.27E+01	-3.32E-01	1.30E+01	3.07E-04	0.00E+00	1.90E+03	6.95E-05	7.50E-03	7.95E-02	2.18E-02	5.61E+00	6.62E-08	1.85E-07	2.87E+01	9.89E-01	2.95E-02	4.63E-01	7.93E-02	1.36E+00	5.51E+02	4.27E+01	1.77E-07	2.49E-07	2.71E-02	5.56E-04	4.02E+00	5.62E+00	5.92E+02	1.30E-04	5.95E+02	6.05E+02	8.16E+00	0.00E+00	0.00E+00	1.01E-03	3.42E+00
VU12NK	8.83E-03	2.72E+00	-4.45E-02	2.75E+00	4.24E-06	0.00E+00	4.89E+02	1.65E-05	2.04E-03	2.08E-02	7.36E-03	9.04E-01	2.49E-08	2.09E-08	2.38E+00	1.83E-01	9.94E-03	1.10E-01	1.46E-02	8.73E-01	8.45E+01	2.08E+01	8.12E-08	6.90E-08	6.55E-03	3.24E-04	1.67E+00	1.38E+00	8.55E+01	2.46E-05	7.71E+01	9.20E+01	4.59E+00	0.00E+00	0.00E+00	5.97E-03	6.14E-01
VU12NN	4.81E-02	1.31E+01	-2.89E-01	1.35E+01	1.89E-05	0.00E+00	2.02E+03	8.27E-05	7.54E-03	8.17E-02	2.19E-02	9.78E+00	2.27E-07	2.25E-07	3.59E+01	2.39E-01	2.96E-02	3.72E-01	8.56E-02	9.19E-01	5.37E+02	4.36E+01	1.39E-07	2.67E-07	2.80E-02	3.57E-04	2.49E+00	5.77E+00	5.88E+02	1.00E-04	5.92E+02	5.94E+02	8.47E+00	0.00E+00	0.00E+00	2.42E-03	3.69E+00
VU12NP	5.00E-02	1.28E+01	-3.06E-01	1.31E+01	1.31E-05	0.00E+00	1.90E+03	7.03E-05	7.64E-03	8.08E-02	2.25E-02	5.50E+00	6.40E-08	2.00E-07	2.82E+01	2.47E-01	3.04E-02	4.21E-01	8.15E-02	9.80E-01	5.52E+02	4.31E+01	1.64E-07	2.59E-07	2.75E-02	3.23E-04	1.89E+00	5.71E+00	5.95E+02	7.66E-05	5.97E+02	6.11E+02	8.11E+00	0.00E+00	0.00E+00	1.04E-03	3.51E+00
VU12NR	4.38E-02	1.26E+01	-2.20E-01	1.29E+01	1.38E-05	0.00E+00	9.27E+02	5.83E-05	7.06E-03	7.68E-02	2.14E-02	3.64E+00	3.98E-08	1.44E-07	2.45E+01	2.03E-01	2.90E-02	5.00E-01	7.87E-02	6.64E-01	5.43E+02	4.25E+01	1.04E-07	2.36E-07	2.67E-02	2.40E-04	2.02E+00	3.87E+00	5.88E+02	6.15E-05	5.88E+02	5.93E+02	6.77E+00	0.00E+00	0.00E+00	1.61E-03	3.40E+00
VU12NSG	4.76E-02	1.29E+01	-3.04E-01	1.32E+01	1.43E-05	0.00E+00	2.34E+02	1.51E-04	7.27E-03	7.79E-02	2.24E-02	4.01E+00	5.20E-07	1.65E-07	2.57E+01	4.32E-01	3.03E-02	4.33E-01	8.03E-02	8.60E-01	5.53E+02	4.38E+01	1.51E-07	2.45E-07	2.78E-02	2.77E-04	1.93E+00	5.66E+00	6.22E+02	8.39E-05	6.18E+02	6.18E+02	8.19E+00	0.00E+00	0.00E+00	5.06E-03	3.43E+00
VU12UA	4.34E-02	1.23E+01	-1.10E-01	1.26E+01	1.15E-05	0.00E+00	6.42E+02	7.04E-05	6.98E-03	7.61E-02	2.08E-02	3.49E+00	2.95E-08	1.44E-07	2.44E+01	2.23E-01	2.81E-02	5.13E-01	7.71E-02	6.66E-01	5.30E+02	4.28E+01	9.53E-08	2.36E-07	2.56E-02	3.10E-04	1.95E+00	3.01E+00	5.65E+02	7.24E-05	5.76E+02	5.84E+02	6.34E+00	0.00E+00	0.00E+00	1.68E-03	3.30E+00
VU24EP	5.72E-02	1.42E+01	-2.88E-01	1.45E+01	1.45E-05	0.00E+00	1.13E+03	3.67E-05	8.44E-03	9.17E-02	2.92E-02	5.47E+00	4.74E-08	1.75E-07	3.06E+01	9.76E-02	3.95E-02	6.55E-02	1.11E-01	6.48E-01	7.01E+02	4.18E+01	8.46E-08	3.00E-07	3.10E-02	1.99E-04	2.20E+00	5.08E+00	7.42E+02	1.76E-04	7.42E+02	7.50E+02	7.28E+00	0.00E+00	0.00E+00	7.70E-03	4.77E+00
VU24ET	5.68E-02	1.44E+01	-2.40E-01	1.47E+01	4.77E-04	0.00E+00	1.27E+03	6.19E-05	9.08E-03	9.93E-02	2.68E-02	4.60E+00	4.88E-08	1.73E-07	3.18E+01	1.04E+00	3.64E-02	2.25E-01	1.14E-01	1.23E+00	7.37E+02	4.40E+01	1.45E-07	3.17E-07	3.15E-02	5.82E-04	4.46E+00	4.53E+00	7.54E+02	2.07E-04	7.49E+02	7.41E+02	9.89E+00	0.00E+00	0.00E+00	1.52E-02	4.89E+00
VU24IE	6.11E-02	1.48E+01	-5.04E-01	1.53E+01	1.34E-04	0.00E+00	3.81E+02	2.11E-04	9.53E-03	1.02E-01	3.22E-02	4.77E+00	5.26E-07	2.00E-07	2.75E+01	6.30E-01	4.34E-02	2.74E-01	1.11E-01	1.29E+00	8.04E+02	4.90E+01	1.62E-07	3.37E-07	3.41E-02	3.95E-04	2.31E+00	8.32E+00	7.87E+02	1.54E-04	7.80E+02	7.94E+02	1.14E+01	0.00E+00	0.00E+00	1.54E-02	4.78E+00
VU24LN	6.03E-02	1.47E+01	-6.95E-01	1.54E+01	2.56E-05	0.00E+00	1.14E+03	8.73E-05	9.41E-03	1.01E-01	3.28E-02	5.49E+00	9.79E-08	1.85E-07	2.85E+01	2.34E-01	4.44E-02	9.48E-02	1.12E-01	1.12E+00	7.43E+02	4.17E+01	1.42E-07	3.20E-07	3.43E-02	4.34E-04	1.19E+00	1.05E+01	7.85E+02	1.83E-04	7.85E+02	7.97E+02	1.17E+01	0.00E+00	0.00E+00	7.70E-03	4.81E+00
VU24NA	5.60E-02	1.46E+01	-2.92E-01	1.49E+01	2.56E-05	0.00E+00	1.00E+03	2.33E-05	8.58E-03	9.32E-02	2.97E-02	3.77E+00	4.67E-08	1.46E-07	2.68E+01	9.26E-02	4.02E-02	8.76E-02	1.12E-01	6.66E-01	7.32E+02	4.13E+01	7.22E-08	2.91E-07	3.15E-02	2.14E-04	2.16E+00	5.13E+00	7.73E+02	1.63E-04	7.73E+02	7.81E+02	7.29E+00	0.00E+00	0.00E+00	7.70E-03	4.81E+00
VU24NC	5.80E-02	1.51E+01	-1.22E-01	1.53E+01	3.40E-05	0.00E+00	2.23E+03	9.02E-05	9.18E-03	1.01E-01	3.01E-02	1.17E+01	4.71E-08	2.85E-07	4.28E+01	2.92E-01	4.07E-02	1.32E-01	1.17E-01	9.30E-01	7.39E+02	4.71E+01	1.61E-07	3.14E-07	3.28E-02	4.42E-04	2.26E+00	3.72E+00	7.58E+02	2.11E-04	7.61E+02	7.74E+02	9.83E+00	0.00E+00	0.00E+00	1.56E-02	5.05E+00
VU24NCT	4.27E-02	1.45E+01	-1.69E-01	1.47E+01	1.12E-05	0.00E+00	4.57E+02	8.02E-05	7.67E-03	8.50E-02	2.34E-02	1.61E+00	3.43E-08	1.25E-07	1.24E+01	2.58E-01	3.16E-02	6.45E-01	9.62E-02	8.99E-01	8.02E+02	3.90E+01	1.07E-07	2.48E-07	2.92E-02	2.94E-04	2.77E+00	3.91E+00	7.95E+02	1.44E-04	7.85E+02	7.78E+02	7.85E+00	0.00E+00	0.00E+00	2.79E-03	4.17E+00
VU24ND	5.82E-02	1.53E+01	-2.79E-01	1.55E+01	3.79E-05	0.00E+00	1.83E+03	9.30E-05	9.26E-03	1.01E-01	3.11E-02	4.49E+00	-1.98E-07	1.76E-07	2.71E+01	2.82E-01	4.21E-02	9.17E-02	1.22E-01	2.12E+00	7.23E+02	4.34E+01	1.59E-07	3.33E-07	3.40E-02	5.36E-04	5.74E+00	5.27E+00	7.66E+02	2.52E-04	7.66E+02	7.77E+02	1.10E+01	0.00E+00	0.00E+00	2.88E-02	5.22E+00
VU24NE	5.56E-02	1.46E+01	-3.09E-01	1.49E+01	9.16E-05	0.00E+00	2.88E+02	2.14E-04	9.26E-03	1.00E-01	3.01E-02	4.50E+00	8.36E-07	1.68E-07	2.76E+01	6.27E-01	4.08E-02	1.37E-01	1.14E-01	1.11E+00	7.69E+02	4.75E+01	1.37E-07	3.06E-07	3.26E-02	3.52E-04	3.00E+00	6.12E+00	7.84E+02	1.51E-04	7.73E+02	7.82E+02	1.01E+01	0.00E+00	0.00E+00	1.74E-02	4.86E+00
VU24NG	5.89E-02	1.48E+01	-5.21E-01	1.52E+01	4.39E-04	0.00E+00	2.24E+03	8.46E-05	9.28E-03	1.02E-01	3.01E-02	7.83E+00	7.89E-08	2.40E-07	4.04E+01	1.05E+00	4.07E-02	3.05E-01	1.15E-01	1.49E+00	7.81E+02	4.99E+01	1.88E-07	3.05E-07	3.29E-02	6.06E-04	4.16E+00	8.22E+00	7.71E+02	1.81E-04	7.72E+02	7.84E+02	1.16E+01	0.00E+00	0.00E+00	1.31E-02	4.98E+00
VU24NH	5.79E-02	1.49E+01	-3.51E-01	1.53E+01	3.39E-05	0.00E+00	2.28E+03	8.71E-05	9.16E-03	1.01E-01	3.01E-02	1.31E+01	6.92E-08	3.04E-07	4.38E+01	2.97E-01	4.08E-02	1.15E-01	1.18E-01	1.06E+00	7.46E+02	4.89E+01	1.68E-07	3.12E-07	3.26E-02	4.09E-04	1.77E+00	7.13E+00	7.70E+02	2.32E-04	7.65E+02	7.73E+02	1.05E+01	0.00E+00	0.00E+00	1.72E-02	5.05E+00
VU24NN	5.95E-02	1.50E+01	-4.66E-01	1.53E+01	2.18E-05	0.00E+00	2.25E+03	1.07E-04	9.25E-03	1.02E-01	3.06E-02	1.30E+01	3.18E-07	3.04E-07	4.43E+01	2.77E-01	4.15E-02	1.39E-01	1.21E-01	1.08E+00	7.31E+02	4.84E+01	3.85E-07	3.34E-07	3.31E-02	4.47E-04	2.11E+00	7.49E+00	6.47E+02	2.36E-04	6.49E+02	6.43E+02	1.14E+01	0.00E+00	0.00E+00	1.43E-02	5.12E+00
VU24NP	5.75E-02	1.48E+01	-2.21E-01	1.51E+01	2.80E-05	0.00E+00	2.20E+03	8.06E-05	9.25E-03	1.01E-01	2.99E-02	7.89E+00	5.07E-08	2.37E-07	4.00E+01	2.86E-01	4.06E-02	2.19E-01	1.11E-01	1.02E+00	7.52E+02	4.71E+01	1.75E-07	2.95E-07	3.26E-02	3.79E-04	2.21E+00	4.15E+00	7.58E+02	1.64E-04	7.61E+02	7.76E+02	1.09E+01	0.00E+00	0.00E+00	1.46E-02	4.78E+00
VU24NR	5.56E-02	1.44E+01	-2.78E-01	1.46E+01	3.36E-05	0.00E+00	1.14E+03	4.29E-05	9.16E-03	1.00E-01	2.95E-02	4.10E+00	5.51E-08	1.60E-07	2.72E+01	2.39E-01	4.02E-02	1.11E-01	1.12E-01	7.97E-01	7.24E+02	4.36E+01	1.35E-07	3.08E-07	3.24E-02	2.86E-04	2.18E+00	4.78E+00	7.44E+02	1.49E-04	7.44E+02	7.51E+02	9.57E+00	0.00E+00	0.00E+00	1.44E-02	4.76E+00
VU24NSG	6.10E-02	1.48E+01	-4.87E-01	1.53E+01	1.54E-05	0.00E+00	3.49E+02	2.28E-04	9.52E-03	1.04E-01	3.18E-02	4.24E+00	9.50E-07	2.01E-07	2.86E+01	6.41E-01	4.29E-02	2.92E-01	1.12E-01	9.72E-01	8.03E+02	4.83E+01	1.59E-07	3.22E-07	3.43E-02	3.14E-04	1.24E+00	8.29E+00	7.93E+02	1.57E-04	7.83E+02	7.98E+02	1.13E+01	0.00E+00	0.00E+00	5.70E-03	4.84E+00
VU24NWB	4.96E-02	1.54E+01	-1.55E-01	1.58E+01	2.75E-04	0.00E+00	4.99E+02	1.08E-04	9.13E-03	1.02E-01	2.48E-02	1.76E+00	5.50E-08	1.30E-07	1.19E+01	7.26E-01	3.35E-02	6.85E-01	1.17E-01	1.70E+00	8.25E+02	4.85E+01	1.82E-07	2.93E-07	3.33E-02	4.22E-04	5.10E+00	3.87E+00	8.32E+02	2.03E-04	8.28E+02	8.13E+02	9.27E+00	0.00E+00	0.00E+00	3.56E-03	5.10E+00
VU24UA	5.53E-02	1.47E+01	-1.18E-01	1.49E+01	3.38E-05	0.00E+00	8.04E+02	8.91E-05	9.28E-03	1.00E-01	2.95E-02	3.21E+00	3.84E-08	1.55E-07	2.55E+01	2.76E-01	4.02E-02	1.33E-01	1.12E-01	8.61E-01	7.61E+02	4.50E+01	1.33E-07	3.08E-07	3.27E-02	4.03E-04	2.22E+00	3.63E+00	7.69E+02	1.75E-04	7.62E+02	7.68E+02	9.54E+00	0.00E+00	0.00E+00	1.55E-02	4.83E+00
VU36AT	8.34E-02	2.18E+01	-3.43E-01	2.21E+01	3.01E-05	0.00E+00	2.16E+03	9.10E-05	1.21E-02	1.31E-01	3.80E-02	1.24E+01	6.51E-08	3.53E-07	5.95E+01	2.53E-01	5.15E-02	7.37E-01	1.44E-01	1.11E+00	9.67E+02	6.55E+01	1.67E-07	4.40E-07	4.61E-02	3.87E-04	2.58E+00	6.30E+00	1.03E+03	1.47E-04	1.03E+03	1.04E+03	8.87E+00	0.00E+00	0.00E+00	1.54E-02	6.19E+00
VU36DKN	7.29E-02	2.11E+01	-2.83E-01	2.16E+01	2.00E-05	0.00E+00	1.57E+03	5.71E-05	1.19E-02	1.30E-01	3.63E-02	5.83E+00	6.38E-08	2.43E-07	4.47E+01	4.03E-01	4.91E-02	8.04E-01	1.36E-01	1.03E+00	9.77E+02	6.66E+01	1.37E-07	3.86E-07	4.45E-02	3.90E-04	2.62E+00	5.36E+00	1.05E+03	1.49E-03	1.05E+03	1.06E+03	9.34E+00	0.00E+00	0.00E+00	4.49E-02	5.90E+00
VU36EP	7.17E-02	2.04E+01	-3.48E-01	2.07E+01	1.90E-05	0.00E+00	1.21E+03	6.84E-05	1.12E-02	1.21E-01	3.63E-02	7.12E+00	5.69E-08	2.44E-07	4.78E+01	1.86E-01	4.91E-02	6.89E-01	1.26E-01	9.20E-01	8.99E+02	6.52E+01	1.27E-07	3.72E-07	4.24E-02	3.32E-04	2.36E+00	6.12E+00	9.65E+02	7.97E-05	9.65E+02	9.73E+02	8.48E+00	0.00E+00	0.00E+00	1.54E-02	5.43E+00
VU36IE	7.56E-02	2.37E+01	-5.21E-01	2.41E+01	1.43E-04	0.00E+00	4.23E+02	2.32E-04	1.49E-02	1.78E-01	3.93E-02	5.06E+00	5.24E-07	2.77E-07	4.53E+01	6.70E-01	5.32E-02	8.16E-01	1.81E-01	1.45E+00	1.03E+03	7.36E+01	1.89E-07	4.13E-07	5.35E-02	5.64E-04	1.85E+00	8.37E+00	1.08E+03	1.52E-04	1.07E+03	1.08E+03	1.34E+01	0.00E+00	0.00E+00	1.58E-02	7.81E+00
VU36LN	7.65E-02	2.10E+01	-8.21E-01	2.18E+01	3.01E-05	0.00E+00	1.46E+03	1.21E-04	1.23E-02	1.31E-01	4.02E-02	7.99E+00	1.17E-07	2.72E-07	4.74E+01	3.16E-01	5.44E-02	7.17E-01	1.29E-01	1.54E+00	9.44E+02	6.47E+01	2.02E-07	4.03E-07	4.63E-02	6.18E-04	1.25E+00	1.25E+01	1.01E+03	9.53E-05	1.01E+03	1.02E+03	1.37E+01	0.00E+00	0.00E+00	1.54E-02	5.52E+00
VU36NA	6.77E-02	2.05E+01	-3.54E-01	2.09E+01	2.56E-05	0.00E+00	9.99E+02	4.48E-05	1.12E-02	1.21E-01	3.64E-02	3.84E+00	5.52E-08	1.85E-07	4.05E+01	1.40E-01	4.93E-02	7.08E-01	1.24E-01	8.76E-01	9.25E+02	6.41E+01	1.04E-07	3.47E-07	4.22E-02	3.13E-04	2.09E+00	6.14E+00	9.90E+02	4.92E-05	9.90E+02	9.98E+02	8.23E+00	0.00E+00	0.00E+00	7.70E-03	5.33E+00
VU36NC	7.82E-02	2.15E+01	-2.15E-01	2.18E+01	3.51E-05	0.00E+00	2.47E+03	1.07E-04	1.18E-02	1.28E-01	3.70E-02	1.22E+01	6.75E-08	3.26E-07	5.86E+01	4.29E-01	5.02E-02	7.45E-01	1.41E-01	1.19E+00	9.53E+02	6.93E+01	1.80E-07	3.86E-07	4.49E-02	4.69E-04	2.77E+00	5.43E+00	1.03E+03	1.88E-03	1.03E+03	1.04E+03	9.52E+00	0.00E+00	0.00E+00	5.03E-02	6.05E+00

VU36NCT	4.74E-02	1.60E+01	-2.86E-01	1.63E+01	9.78E-06	0.00E+00	1.76E+02	1.36E-05	8.39E-03	9.07E-02	2.79E-02	2.03E-01	4.30E-08	9.17E-08	5.33E+00	3.51E-02	3.78E-02	6.37E-01	9.10E-02	4.17E-01	7.28E+02	4.66E+01	3.98E-08	2.38E-07	3.18E-02	1.17E-04	1.06E+00	5.05E+00	7.74E+02	2.61E-06	7.74E+02	7.80E+02	6.11E+00	0.00E+00	0.00E+00	0.00E+00	3.91E+00
VU36ND	7.89E-02	2.15E+01	-3.21E-01	2.19E+01	3.80E-05	0.00E+00	2.21E+03	2.58E-04	1.22E-02	1.32E-01	3.80E-02	1.06E+01	4.82E-07	3.39E-07	5.45E+01	6.36E-01	5.14E-02	7.32E-01	1.47E-01	2.58E+00	9.23E+02	6.58E+01	2.40E-07	4.48E-07	4.63E-02	7.00E-04	6.44E+00	6.29E+00	9.88E+02	2.20E-04	9.88E+02	1.00E+03	1.27E+01	0.00E+00	0.00E+00	2.88E-02	6.30E+00
VU36NE	7.00E-02	2.10E+01	-3.08E-01	2.13E+01	1.07E-04	0.00E+00	1.86E+02	2.24E-04	1.14E-02	1.24E-01	3.71E-02	4.36E+00	6.67E-07	2.11E-07	4.20E+01	7.61E-01	5.03E-02	7.41E-01	1.33E-01	1.25E+00	9.33E+02	6.63E+01	1.26E-07	3.66E-07	4.33E-02	4.98E-04	2.99E+00	6.13E+00	9.99E+02	8.54E-05	9.99E+02	1.01E+03	9.12E+00	0.00E+00	0.00E+00	7.70E-03	5.70E+00
VU36NG	7.53E-02	2.26E+01	-6.31E-01	2.27E+01	4.55E-04	0.00E+00	2.55E+03	1.02E-04	1.30E-02	1.40E-01	3.68E-02	1.04E+01	1.14E-07	3.25E-07	5.95E+01	9.25E-01	5.00E-02	7.77E-01	1.47E-01	1.95E+00	1.04E+03	7.50E+01	2.28E-07	3.81E-07	4.92E-02	7.01E-04	5.98E+00	1.01E+01	1.10E+03	2.07E-03	1.09E+03	1.10E+03	1.41E+01	0.00E+00	0.00E+00	2.89E-02	6.36E+00
VU36NH	7.79E-02	2.25E+01	-3.58E-01	2.25E+01	3.21E-05	0.00E+00	2.48E+03	1.18E-04	1.22E-02	1.35E-01	3.76E-02	1.41E+01	7.42E-08	3.66E-07	6.05E+01	3.10E-01	5.10E-02	8.70E-01	1.49E-01	1.30E+00	1.10E+03	7.30E+01	2.09E-07	3.95E-07	4.78E-02	4.88E-04	2.30E+00	7.04E+00	1.16E+03	2.10E-04	1.17E+03	1.19E+03	1.07E+01	0.00E+00	0.00E+00	1.53E-02	6.42E+00
VU36NKM	2.42E-02	4.61E+00	-2.85E-01	5.10E+00	2.44E-04	0.00E+00	1.38E+03	5.64E-05	3.72E-03	3.86E-02	1.31E-02	6.13E+00	4.86E-07	1.02E-07	5.57E+00	9.13E-01	1.76E-02	1.11E-01	4.36E-02	1.40E+00	1.16E+02	4.64E+01	1.74E-06	1.90E-07	1.25E-02	6.10E-04	3.26E+00	5.76E+00	1.43E+02	3.33E-03	1.28E+02	1.40E+02	8.01E+00	0.00E+00	0.00E+00	5.34E-02	1.88E+00
VU36NMB	7.04E-02	1.99E+01	-5.31E-01	2.02E+01	1.37E-04	0.00E+00	4.58E+02	1.57E-04	1.25E-02	1.34E-01	3.67E-02	4.93E+00	9.90E-08	2.40E-07	2.57E+01	8.43E-01	4.98E-02	8.11E-01	1.41E-01	2.37E+00	1.06E+03	7.84E+01	1.87E-07	4.23E-07	4.56E-02	6.06E-04	4.82E+00	9.14E+00	1.09E+03	5.20E-03	1.09E+03	1.08E+03	1.50E+01	0.00E+00	0.00E+00	2.66E-02	6.02E+00
VU36NN	7.59E-02	2.14E+01	-2.97E-01	2.14E+01	2.36E-05	0.00E+00	2.52E+03	1.21E-04	1.17E-02	1.28E-01	3.66E-02	1.28E+01	2.69E-07	3.59E-07	6.21E+01	6.33E-01	4.96E-02	7.45E-01	1.41E-01	1.32E+00	9.45E+02	6.94E+01	1.87E-07	3.96E-07	4.47E-02	9.15E-04	3.33E+00	5.46E+00	1.01E+03	1.02E-02	1.02E+03	1.03E+03	1.09E+01	0.00E+00	0.00E+00	5.01E-02	6.05E+00
VU36NP	7.97E-02	2.37E+01	-6.42E-01	2.38E+01	3.21E-05	0.00E+00	2.68E+03	1.16E-04	1.40E-02	1.69E-01	3.90E-02	1.10E+01	1.24E-07	3.36E-07	5.84E+01	9.69E-01	5.28E-02	7.48E-01	1.44E-01	1.54E+00	1.04E+03	8.99E+01	2.09E-07	4.17E-07	5.20E-02	5.68E-04	1.91E+00	1.17E+01	1.10E+03	1.67E-03	1.09E+03	1.10E+03	1.53E+01	0.00E+00	0.00E+00	2.90E-02	6.16E+00
VU36NR	7.39E-02	2.14E+01	-3.36E-01	2.17E+01	3.47E-05	0.00E+00	1.64E+03	6.04E-05	1.19E-02	1.30E-01	3.64E-02	5.89E+00	6.90E-08	2.41E-07	4.55E+01	4.24E-01	4.92E-02	8.26E-01	1.35E-01	1.08E+00	1.02E+03	6.64E+01	1.49E-07	3.83E-07	4.50E-02	4.03E-04	2.67E+00	6.50E+00	1.08E+03	1.29E-03	1.09E+03	1.10E+03	9.51E+00	0.00E+00	0.00E+00	3.32E-02	5.87E+00
VU36NRM	5.77E-02	1.73E+01	-5.17E-01	1.81E+01	1.55E-05	0.00E+00	7.29E+02	1.20E-04	1.04E-02	1.14E-01	2.83E-02	5.19E+00	1.52E-07	1.47E-07	1.22E+01	5.56E-01	3.84E-02	1.17E+00	1.49E-01	1.24E+00	1.22E+03	7.11E+01	2.07E-07	3.86E-07	3.90E-02	4.44E-04	2.22E+00	8.66E+00	1.27E+03	2.96E-03	1.28E+03	1.28E+03	1.14E+01	0.00E+00	0.00E+00	8.22E-02	6.44E+00
VU36NSG	7.49E-02	2.16E+01	-5.31E-01	2.18E+01	2.43E-05	0.00E+00	4.78E+02	2.37E-04	1.28E-02	1.44E-01	3.90E-02	6.37E+00	9.30E-07	2.88E-07	4.74E+01	6.20E-01	5.27E-02	8.11E-01	1.40E-01	1.29E+00	1.04E+03	7.38E+01	1.97E-07	3.92E-07	4.86E-02	5.79E-04	1.79E+00	9.20E+00	1.08E+03	1.22E-03	1.08E+03	1.08E+03	1.36E+01	0.00E+00	0.00E+00	2.04E-02	5.93E+00
VU36NW	8.67E-02	2.21E+01	-1.71E-01	2.23E+01	5.57E-04	0.00E+00	2.16E+03	2.06E-04	1.30E-02	1.36E-01	3.62E-02	6.42E+00	6.76E-07	2.83E-07	2.53E+01	2.30E+00	4.88E-02	1.17E+00	1.78E-01	2.65E+00	1.21E+03	6.82E+01	2.08E-06	4.85E-07	4.69E-02	1.03E-03	9.34E+00	5.31E+00	1.28E+03	5.69E-03	1.27E+03	1.25E+03	1.62E+01	0.00E+00	0.00E+00	5.77E-02	7.64E+00
VU36UA	7.83E-02	2.35E+01	-3.34E-01	2.35E+01	3.74E-05	0.00E+00	1.27E+03	1.47E-04	1.30E-02	1.38E-01	3.97E-02	6.05E+00	7.70E-08	2.62E-07	4.61E+01	5.92E-01	5.36E-02	8.88E-01	1.72E-01	1.19E+00	1.08E+03	7.43E+01	1.64E-07	4.26E-07	4.83E-02	5.74E-04	2.94E+00	6.79E+00	1.13E+03	1.30E-03	1.15E+03	1.15E+03	9.91E+00	0.00E+00	0.00E+00	3.47E-02	7.54E+00
VU36WWH	8.16E-02	1.77E+01	-1.07E-01	1.83E+01	1.19E-03	0.00E+00	2.07E+03	2.07E-04	1.06E-02	1.16E-01	3.16E-02	5.39E+00	6.79E-07	2.64E-07	2.83E+01	4.07E+00	4.27E-02	1.40E+00	1.82E-01	3.84E+00	1.28E+03	6.65E+01	2.14E-06	4.87E-07	3.97E-02	1.49E-03	1.34E+01	4.29E+00	1.40E+03	5.75E-03	1.36E+03	1.31E+03	2.05E+01	0.00E+00	0.00E+00	5.75E-02	7.81E+00
VU48AT	9.90E-02	2.63E+01	-3.88E-01	2.66E+01	3.01E-05	0.00E+00	2.32E+03	1.09E-04	1.45E-02	1.57E-01	4.47E-02	1.41E+01	7.43E-08	4.10E-07	6.33E+01	2.98E-01	6.05E-02	9.78E-01	1.73E-01	1.30E+00	1.18E+03	7.79E+01	1.91E-07	5.21E-07	5.54E-02	4.75E-04	2.84E+00	7.28E+00	1.26E+03	1.65E-04	1.26E+03	1.27E+03	1.01E+01	0.00E+00	0.00E+00	1.54E-02	7.45E+00
VU48EP	8.78E-02	2.51E+01	-3.95E-01	2.55E+01	1.89E-05	0.00E+00	1.71E+03	6.20E-05	1.38E-02	1.49E-01	4.32E-02	8.36E+00	6.85E-08	2.94E-07	5.06E+01	1.46E-01	5.84E-02	9.25E-01	1.56E-01	1.20E+00	1.12E+03	7.80E+01	1.51E-07	4.56E-07	5.22E-02	4.30E-04	2.63E+00	7.13E+00	1.20E+03	9.22E-05	1.20E+03	1.21E+03	9.76E+00	0.00E+00	0.00E+00	1.54E-02	6.71E+00
VU48ET	8.74E-02	2.73E+01	-4.63E-01	2.72E+01	4.95E-04	0.00E+00	2.51E+03	1.20E-04	1.43E-02	1.53E-01	3.96E-02	9.79E+00	2.49E-07	3.37E-07	5.22E+01	1.11E+00	5.35E-02	1.10E+00	2.28E-01	1.80E+00	1.24E+03	7.97E+01	2.13E-07	4.87E-07	5.56E-02	9.32E-04	6.30E+00	7.74E+00	1.28E+03	1.98E-04	1.30E+03	1.30E+03	1.21E+01	0.00E+00	0.00E+00	1.57E-02	9.66E+00
VU48IE	9.73E-02	2.62E+01	-6.13E-01	2.66E+01	1.32E-04	0.00E+00	5.66E+02	2.76E-04	1.65E-02	1.92E-01	4.81E-02	6.08E+00	5.41E-07	3.33E-07	5.28E+01	1.70E+00	6.56E-02	9.94E-01	1.99E-01	1.78E+00	1.15E+03	1.06E+02	2.42E-07	5.24E-07	6.02E-02	7.30E-04	1.90E+00	1.26E+01	1.22E+03	1.54E-04	1.20E+03	1.21E+03	1.63E+01	0.00E+00	0.00E+00	1.80E-02	8.55E+00
VU48LN	9.62E-02	2.57E+01	-9.32E-01	2.66E+01	3.45E-05	0.00E+00	1.98E+03	1.55E-04	1.50E-02	1.61E-01	4.76E-02	1.19E+01	1.38E-07	3.74E-07	5.61E+01	3.99E-01	6.45E-02	9.63E-01	1.62E-01	1.83E+00	1.17E+03	7.59E+01	2.53E-07	5.09E-07	5.69E-02	7.33E-04	1.46E+00	1.44E+01	1.25E+03	1.39E-04	1.25E+03	1.26E+03	1.58E+01	0.00E+00	0.00E+00	2.31E-02	6.96E+00
VU48MMV	9.67E-02	3.03E+01	-1.41E-01	3.03E+01	3.89E-04	0.00E+00	1.88E+03	2.39E-04	1.75E-02	1.92E-01	3.96E-02	2.64E+00	5.35E-07	3.25E-07	2.50E+01	1.80E+00	5.37E-02	1.71E+00	2.57E-01	2.97E+00	1.59E+03	7.47E+01	1.88E-06	5.65E-07	6.36E-02	1.04E-03	8.61E+00	5.65E+00	1.67E+03	1.41E-03	1.64E+03	1.65E+03	1.66E+01	0.00E+00	0.00E+00	6.36E-03	1.12E+01
VU48NA	8.35E-02	2.50E+01	-4.00E-01	2.54E+01	3.01E-05	0.00E+00	1.13E+03	6.53E-05	1.36E-02	1.47E-01	4.32E-02	5.60E+00	6.44E-08	2.44E-07	4.46E+01	2.02E-01	5.84E-02	9.49E-01	1.54E-01	1.04E+00	1.14E+03	7.66E+01	1.29E-07	4.29E-07	5.16E-02	3.74E-04	2.37E+00	7.13E+00	1.22E+03	6.92E-05	1.22E+03	1.23E+03	9.50E+00	0.00E+00	0.00E+00	1.54E-02	6.60E+00
VU48NC	1.02E-01	2.67E+01	-3.87E-01	2.70E+01	3.01E-05	0.00E+00	3.07E+03	1.12E-04	1.48E-02	1.60E-01	4.51E-02	1.49E+01	7.94E-08	4.31E-07	6.53E+01	2.85E-01	6.10E-02	9.78E-01	1.76E-01	1.42E+00	1.19E+03	7.88E+01	2.01E-07	5.37E-07	5.64E-02	5.12E-04	2.93E+00	7.32E+00	1.27E+03	1.75E-04	1.27E+03	1.28E+03	1.02E+01	0.00E+00	0.00E+00	1.54E-02	7.56E+00
VU48NCT	7.05E-02	1.84E+01	-8.98E-02	1.88E+01	1.23E-05	0.00E+00	4.71E+02	1.16E-04	1.09E-02	1.20E-01	3.22E-02	1.61E+00	3.57E-08	2.37E-07	1.88E+01	2.82E-01	4.34E-02	1.39E+00	1.69E-01	1.13E+00	1.19E+03	6.74E+01	1.22E-07	4.40E-07	4.12E-02	4.16E-04	2.94E+00	4.61E+00	1.25E+03	1.87E-04	1.25E+03	1.26E+03	1.07E+01	0.00E+00	0.00E+00	4.34E-03	7.32E+00
VU48ND	9.45E-02	2.61E+01	-3.66E-01	2.65E+01	4.24E-05	0.00E+00	2.72E+03	2.59E-04	1.47E-02	1.60E-01	4.47E-02	1.18E+01	4.94E-07	3.90E-07	5.73E+01	6.26E-01	6.06E-02	9.68E-01	1.76E-01	2.89E+00	1.14E+03	7.70E+01	2.73E-07	5.30E-07	5.61E-02	8.23E-04	6.77E+00	7.29E+00	1.22E+03	2.32E-04	1.22E+03	1.23E+03	1.41E+01	0.00E+00	0.00E+00	3.65E-02	7.57E+00
VU48NE	8.36E-02	2.54E+01	-3.53E-01	2.58E+01	1.11E-04	0.00E+00	1.91E+02	2.49E-04	1.38E-02	1.49E-01	4.38E-02	4.65E+00	7.10E-07	2.43E-07	4.27E+01	8.27E-01	5.92E-02	9.81E-01	1.60E-01	1.44E+00	1.15E+03	7.87E+01	1.43E-07	4.36E-07	5.23E-02	5.76E-04	3.24E+00	7.11E+00	1.22E+03	9.12E-05	1.22E+03	1.24E+03	1.04E+01	0.00E+00	0.00E+00	1.54E-02	6.87E+00
VU48NG	8.98E-02	2.86E+01	-5.66E-01	2.85E+01	4.70E-04	0.00E+00	2.49E+03	1.24E-04	1.66E-02	1.94E-01	4.30E-02	9.74E+00	1.09E-07	3.78E-07	5.79E+01	1.33E+00	5.81E-02	1.01E+00	2.55E-01	2.01E+00	1.15E+03	7.84E+01	2.33E-07	4.90E-07	6.25E-02	9.34E-04	5.85E+00	9.24E+00	1.23E+03	1.90E-04	1.22E+03	1.23E+03	1.41E+01	0.00E+00	0.00E+00	1.60E-02	1.07E+01
VU48NH	1.04E-01	2.80E+01	-4.93E-01	2.80E+01	3.32E-05	0.00E+00	3.15E+03	1.40E-04	1.51E-02	1.65E-01	4.52E-02	2.05E+01	9.30E-08	5.32E-07	8.68E+01	3.81E-01	6.11E-02	1.06E+00	1.88E-01	1.44E+00	1.27E+03	8.18E+01	2.25E-07	5.61E-07	5.92E-02	5.81E-04	2.03E+00	8.33E+00	1.32E+03	2.36E-04	1.33E+03	1.34E+03	1.10E+01	0.00E+00	0.00E+00	1.81E-02	8.08E+00
VU48NKM	2.47E-02	6.64E+00	-2.82E-01	6.83E+00	2.52E-04	0.00E+00	1.24E+03	4.77E-05	4.69E-03	5.00E-02	1.43E-02	1.36E+00	4.85E-07	9.52E-08	5.51E+00	7.82E-01	1.94E-02	1.21E-01	4.48E-02	1.65E+00	1.29E+02	4.79E+01	1.74E-06	1.77E-07	1.46E-02	6.08E-04	3.94E+00	4.90E+00	1.58E+02	4.44E-05	1.42E+02	1.66E+02	8.38E+00	0.00E+00	0.00E+00	1.97E-02	1.92E+00
VU48NN	1.04E-01	2.64E+01	-1.25E-01	2.65E+01	2.43E-05	0.00E+00	3.02E+03	1.54E-04	1.49E-02	1.62E-01	4.48E-02	2.00E+01	3.25E-07	5.47E-07	8.75E+01	3.19E-01	6.05E-02	1.02E+00	1.86E-01	1.41E+00	1.14E+03	7.68E+01	4.23E-07	5.64E-07	5.59E-02	5.87E-04	3.36E+00	5.24E+00	1.23E+03	7.51E-04	1.23E+03	1.22E+03	1.14E+01	0.00E+00	0.00E+00	2.09E-02	7.89E+00
VU48NP	9.86E-02	2.73E+01	-1.05E-01	2.74E+01	3.16E-05	0.00E+00	2.53E+03	1.49E-04	1.66E-02	1.97E-01	4.55E-02	9.65E+00	5.61E-08	3.69E-07	5.79E+01	4.21E-01	6.17E-02	9.37E-01	1.74E-01	1.46E+00	1.01E+03	7.31E+01	2.20E-07	5.33E-07	6.13E-02	6.37E-04	2.37E+00	4.01E+00	1.12E+03	1.71E-04	1.10E+03	1.12E+03	1.34E+01	0.00E+00	0.00E+00	1.75E-02	7.39E+00
VU48NR	8.80E-02	2.53E+01	-3.79E-01	2.54E+01	3.34E-05	0.00E+00	1.85E+03	9.10E-05	1.39E-02	1.49E-01	4.32E-02	9.76E+00	7.16E-08	3.30E-07	5.44E+01	2.83E-01	5.84E-02	1.04E+00	1.66E-01	1.20E+00	1.24E+03	7.97E+01	1.62E-07	4.55E-07	5.30E-02	5.43E-04	2.82E+00	7.44E+00	1.30E+03	1.35E-04	1.31E+03	1.32E+03	1.05E+01	0.00E+00	0.00E+00	1.72E-02	7.16E+00
VU48NRM	7.10E-02	2.06E+01	-8.74E-02	2.10E+01	1.50E-05	0.00E+00	4.04E+02	1.11E-04	1.29E-02	1.32E-01	3.28E-02	2.01E+00	3.45E-08	2.32E-07	1.51E+01	2.81E-01	4.44E-02	1.38E+00	1.69E-01	1.12E+00	1.19E+03	6.78E+01	1.44E-07	4.37E-07	4.46E-02	3.98E-04	2.93E+00	4.62E+00	1.26E+03	1.80E-04	1.25E+03	1.27E+03	1.08E+01	0.00E+00	0.00E+00	3.31E-02	7.35E+00
VU48NSG	9.87E-02	2.81E+01	-1.06E-01	2.82E+01	2.69E-05	0.00E+00	4.34E+02	2.60E-04	1.72E-02	2.03E-01	4.75E-02	4.50E+00	9.12E-07	3.20E-07	5.39E+01	6.56E-01	6.50E-02	1.01E+00	2.01E-01	1.81E+00	1.10E+03	7.44E+01	1.98E-07	5.36E-07	6.27E-02	6.81E-04	3.67E+00	3.97E+00	1.21E+03	1.42E-04	1.18E+03	1.18E+03	1.33E+01	0.00E+00	0.00E+00	1.03E-02	8.71E+00
VU48NW	9.83E-02	2.96E+01	-1.41E-01	2.98E+01	5.83E-04	0.00E+00	2.13E+03	2.54E-04	1.73E-02	1.87E-01	3.99E-02	5.21E+00	7.03E-07	3.17E-07	2.34E+01	2.33E+00	5.41E-02	1.51E+00	2.30E-01	2.64E+00	1.46E+03	7.28E+01	2.10E-06	5.72E-07	6.31E-02	1.05E-03	1.01E+01	5.92E+00	1.56E+03	5.08E-04	1.53E+03	1.53E+03	1.66E+01	0.00E+00	0.00E+00	2.19E-02	1.00E+01
VU48NWP	1.10E-01	3.00E+01	-3.28E-01	3.03E+01	5.26E-04	0.00E+00	1.84E+03	2.55E-04	1.73E-02	1.90E-01	3.94E-02	5.01E+00	6.95E-07	2.94E-07	2.12E+01	2.08E+00	5.33E-02	1.66E+00	2.41E-01	2.03E+00	1.60E+03	6.97E+01	2.07E-06	5.82E-07	6.49E-02	8.36E-04	8.10E+00	7.17E+00	1.67E+03	3.11E-04	1.67E+03	1.69E+03	1.53E+01	0.00E+00	0.00E+00	2.31E-02	1.04E+01
VU48UA	8.64E-02	2.51E+01	-1.21E-01	2.53E+01	3.51E-05	0.00E+00	1.04E+03	1.55E-04	1.44E-02	1.53E-01	4.27E-02	4.50E+00	4.27E-08	2.82E-07	4.40E+01	2.91E-01	5.78E-02	1.00E+00	2.03E-01	1.18E+00	1.15E+03	7.58E+01	1.47E-07	4.63E-07	5.36E-02	5.48E-04	2.68E+00	5.18E+00	1.25E+03	1.52E-04	1.25E+03	1.25E+03	9.59E+00	0.00E+00	0.00E+00	1.67E-02	8.97E+00
VU48WWH	1.17E-01	3.52E+01	-6.10E-01	3.52E+01	1.23E-03	0.00E+00	2.15E+03	2.58E-04	1.99E-02	2.11E-01	4.23E-02	5.42E+00	7.12E-07	3.28E-07	3.64E+01	4.33E+00	5.72E-02	1.74E+00	3.89E-01	3.98E+00	1.60E+03	1.01E+02	2.17E-06	5.85E-07	7.18E-02	1.86E-03	1.42E+01	1.18E+01	1.71E+03	5.08E-04	1.67E+03	1.67E+03	2.13E+01	0.00E+00	0.00E+00	2.13E-02	1.69E+01
VU48WWV	9.88E-02	3.31E+01	-1.34E-01	3.26E+01	6.74E-04	0.00E+00	1.90E+03	2.42E-04	1.89E-02	1.98E-01	3.97E-02	2.64E+00	5.41E-07	3.24E-07	2.74E+01	2.20E+00	5.39E-02	1.94E+00	3.23E-01	3.67E+00	1.63E+03	7.68E+01	1.93E-06	5.64E-07	6.64E-02	1.46E-03	1.21E+01	5.65E+00	1.74E+03	1.41E-03	1.71E+03	1.71E+03	1.98E+01	0.00E+00	0.00E+00	6.36E-03	1.40E+01
VU601PLH	1.25E-01	3.36E+01	-3.94E-01	3.40E+01	5.32E-04	0.00E+00	7.86E+02	2.31E-04	1.93E-02	2.11E-01	4.49E-02	8.26E+00	1.21E-06	3.57E-07	5.22E+01	1.99E+00	6.07E-02	1.97E+00	2.68E-01	2.21E+00	1.77E+03	9.13E+01	9.51E-07	6.66E-07	7.28E-02	9.14E-04	6.69E+00	8.02E+00	1.86E+03	3.72E-04	1.86E+03	1.88E+03	1.47E+01	0.00E+00	0.00E+00	1.54E-02	1.15E+01
VU602NWH	1.34E-01	3.57E+01	-1.22E-01	3.62E+01	3.76E-04	0.00E+00	2.86E+03	2.02E-04	2.06E-02	2.27E-01	4.75E-02	1.17E+01	1.99E-07	4.34E-07	5.71E+01	1.72E+00	6.45E-02	2.00E+00	2.72E-01	2.33E+00	1.86E+03	9.21E+01	9.80E-07	7.10E-07	7.89E-02	1.04E-03	6.21E+00	5.52E+00	1.97E+03	5.00E-04	1.96E+03	1.97E+03	1.50E+01	0.00E+00	0.00E+00	2.10E-02	1.14E+01
VU602WWH	1.37E-01	3.87E+01	-1.59E-01	3.92E+01	7.77E-04	0.00E+00	2.84E+03	2.05E-04	2.24E-02	2.47E-01	4.28E-02	1.19E+01	2.33E-07	4.34E-07	5.60E+01	2.57E+00	5.80E-02	2.58E+00	3.92E-01	3.71E+00	1.99E+03	1.02E+02	1.05E-06	7.18E-07	8.47E-02	1.65E-03	1.14E+01	6.25E+00	2.09E+03	4.86E-04	2.10E+03	2.11E+03	1.82E+01	0.00E+00	0.00E+00	2.05E-02	1.69E+01
VU603NWH	1.44E-01	3.62E+01	-5.05E-01	3.67E+01	2.07E-04	0.00E+00	3.33E+03	1.81E-04	2.12E-02	2.31E-01	4.86E-02	1.47E+01	3.23E-07	4.90E-07	6.64E+01	9.70E-01	6.58E-02	2.00E+00	2.93E-01	1.99E+00	1.90E+03	9.30E+01	9.96E-07	7.61E-07	7.99E-02	7.75E-04	5.46E+00	9.23E+00	1.99E+03	4.24E-04	1.99E+03	2.01E+03	1.47E+01	0.00E+00	0.00E+00	1.54E-02	1.26E+01
VU603PLH	1.29E-01	3.51E+01	-4.03E-01	3.55E+01	2.88E-04	0.00E+00	7.83E+02	3.06E-04	2.02E-02	2.20E-01	4.72E-02	6.04E+00	9.07E-07	3.31E-07	4.74E+01	1.48E+00	6.38E-02	2.01E+00	2.78E-01	2.00E+00	1.86E+03	9.29E+01	9.43E-07	6.74E-07	7.61E-02	8.29E-04	5.86E+00	8.25E+00	1.95E+03	3.57E-04	1.95E+03	1.97E+03	1.41E+01	0.00E+00	0.00E+00	1.54E-02	1.20E+01
VU60AT	1.20E-01	3.12E+01	-4.00E-01	3.19E+01	4.37E-05	0.00E+00	2.90E+03	1.69E-04	1.82E-02	1.93E-01	5.10E-02	1.51E+01	8.43E-08	4.55E-07	8.74E+01	4.78E-01	6.91E-02	1.34E+00	2.31E-01	1.47E+00	1.39E+03	9.16E+01	2.31E-07	6.47E-07	6.67E-02	6.08E-04	3.15E+00	8.17E+00	1.49E+03	2.15E-04	1.47E+03	1.49E+03	1.12E+01	0.00E+00	0.00E+00	2.00E-02	9.89E+00
VU60DKN	1.10E-01	3.14E+01	-1.25E-01	3.16E+01	2.57E-05	0.00E+00	1.86E+03	1.59E-04	1.68E-02	1.86E-01	4.95E-02	9.77E+00	5.77E-08	3.74E-07	7.05E+01	3.05E-01	6.74E-02	1.38E+00	1.98E-01	1.29E+00	1.39E+03	9.06E+01	1.73E-07	5.58E-07	6.47E-02	6.09E-04	3.02E+00	5.47E+00	1.47E+03	1.62E-04	1.47E+03	1.49E+03	1.08E+01	0.00E+00	0.00E+00	5.44E-03	8.46E+00
VU60EP	1.08E-01	3.03E+01	-4.39E-01	3.07E+01	2.34E-05	0.00E+00	2.05E+03	9.40E-05	1.66E-02	1.79E-01	4.94E-02	1.18E+01	7.79E-08	3.89E-07	7.19E+01	2.38E-01	6.69E-02	1.31E+00	1.93E-01	1.39E+00	1.37E+03	9.34E+01	1.89E-07	5.63E-07	6.33E-02	5.16E-04	2.96E+00	7.96E+00	1.47E+03	1.32E-04	1.47E+03	1.48E+03	1.09E+01	0.00E+00	0.00E+00	2.31E-02	8.29E+00
VU60ET	1.19E-01	3.27E+01	-1.24E-01	3.34E+01	1.25E-04	0.00E+00	2.50E+03	1.39E-04	1.78E-02	1.94E-01	4.51E-02	1.30E+01	1.91E-07	4.35E-07	6.79E+01	7.23E-01	6.10E-02	1.43E+00	2.59E-01	1.71E+00	1.41E+03	9.13E+01	2.14E-07	6.06E-07	6.78E-02	7.30E-04	5.03E+00	5.49E+00	1.50E+03	1.49E-03	1.49E+03	1.49E+03	1.08E+01	0.00E+00	0.00E+00	4.74E-02	1.09E+01
VU60MMV	1.26E-01	3.53E+01	-1.39E-01	3.52E+01	3.98E-04	0.00E+00	1.92E+03	2.58E-04	2.03E-02	2.21E-01	4.49E-02	2.72E+00	5.49E-07	3.42E-07	2.60E+01	1.84E+00	6.12E-02	2.05E+00	3.10E-01	3.18E+00	1.85E+03	8.75E+01	1.91E-06	6.66E-07	7.57E-02	1.17E-03	9.03E+00	5.92E+00	1.94E+03	1.44E-03	1.95E+03	1.95E+03	1.68E+01	0.00E+00	0.00E+00	6.40E-03	1.32E+01
VU60NA	1.06E-01	3.05E+01	-4.43E-01	3.09E+01	3.45E-05	0.00E+00	1.84E+03	8.73E-05	1.66E-02	1.80E-01	4.97E-02	1.01E+01	7.65E-08	3.58E-07	6.80E+01	2.51E-01	6.72E-02	1.34E+00	1.93E-01	1.32E+00	1.40E+03	9.23E+01	1.75E-07	5.50E-07	6.34E-02	4.86E-04	2.78E+00	7.99E+00	1.49E+03	1.19E-04	1.49E+03	1.50E+03	1.08E+01	0.00E+00	0.00E+00	2.31E-02	8.30E+00
VU60NC	1.20E-01	3.16E+01	-3.98E-01	3.22E+01	4.42E-05	0.00E+00	2.91E+03	1.82E-04	1.81E-02	1.96E-01	5.09E-02	1.42E+01	8.67E-08	4.39E-07	8.76E+01	4.75E-01	6.90E-02	1.39E+00	2.32E-01	1.48E+00	1.42E+03	9.12E+01	2.26E-07	6.46E-07	6.79E-02	6.43E-04	3.18E+00	8.31E+00	1.51E+03	2.28E-04	1.50E+03	1.52E+03	1.14E+01	0.00E+00	0.00E+00	2.12E-02	9.94E+00
VU60NE	1.05E-01	3.06E+01	-3.93E-01	3.10E+01	1.16E-04	0.00E+00	1.99E+02	4.32E-04	1.66E-02	1.80E-01	4.99E-02	8.34E+00	9.29E-07	3.52E-07	6.46E+01	1.30E+00	6.75E-02	1.39E+00	1.99E-01	1.68E+00	1.40E+03	9.36E+01	1.85E-07	5.49E-07	6.35E-02	6.76E-04	3.77E+00	7.93E+00	1.49E+03	1.41E-04	1.49E+03	1.50E+03	1.17E+01	0.00E+00	0.00E+00	2.31E-02	8.57E+00
VU60NG	1.17E-01	3.25E+01	-4.77E-01	3.30E+01	1.24E-04	0.00E+00	3.36E+03	1.80E-04	1.93E-02	2.21E-01	5.14E-02	1.95E+01	1.08E-07	5.22E-07	9.87E+01	8.93E-01	6.93E-02	1.24E+00	2.76E-01	1.83E+00	1.30E+03	9.10E+01	2.25E-07	6.72E-07	7.08E-02	8.06E-04	4.18E+00	8.49E+00	1.36E+03	1.95E-04	1.35E+03	1.37E+03	1.12E+01	0.00E+00	0.00E+00	1.63E-02	1.15E+01
VU60NH	1.21E-01	3.13E+01	-3.81E-01	3.19E+01	4.41E-05	0.00E+00	2.92E+03	1.77E-04	1.82E-02	1.93E-01	5.09E-02	1.51E+01	8.26E-08	4.54E-07	8.79E+01	4.81E-01	6.91E-02	1.35E+00	2.31E-01	1.52E+00	1.39E+03	9.13E+01	2.31E-07	6.48E-07	6.67E-02	6.22E-04	3.17E+00	7.83E+00	1.49E+03	2.22E-04	1.47E+03	1.49E+03	1.12E+01	0.00E+00	0.00E+00	2.12E-02	9.94E+00
VU60NKM	2.72E-02	6.64E+00	-5.63E-02	6.82E+00	1.85E-04	0.00E+00	1.25E+03	4.76E-05	4.71E-03	5.02E-02	1.44E-02	1.46E+00	4.69E-07	9.03E-08	4.54E+00	7.52E-01	1.95E-02	1.22E-01	4.38E-02	1.80E+00	1.29E+02	5.05E+01	1.75E-06	1.76E-07	1.46E-02	6.43E-04	4.25E+00	2.62E+00	1.54E+02	4.75E-05	1.41E+02	1.68E+02	7.04E+00	0.00E+00	0.00E+00	1.86E-02	1.88E+00
VU60NN	1.28E-01	3.21E+01	-4.27E-01	3.26E+01	3.46E-05	0.00E+00	3.72E+03	1.45E-04	1.79E-02	1.93E-01	5.17E-02	2.20E+01	9.18E-08	5.92E-07	9.44E+01	3.69E-01	7.00E-02	1.36E+00	2.20E-01	1.71E+00	1.45E+03	9.46E+01	2.64E-07	6.77E-07	6.85E-02	6.26E-04	3.41E+00	8.20E+00	1.54E+03	2.51E-04	1.54E+03	1.55E+03	1.16E+01	0.00E+00	0.00E+00	2.31E-02	9.44E+00
VU60NR	1.12E-01	3.09E+01	-4.00E-01	3.14E+01	4.36E-05	0.00E+00	2.02E+03	1.65E-04	1.76E-02	1.86E-01	5.08E-02	1.08E+01	7.91E-08	3.75E-07	8.68E+01	4.53E-01	6.88E-02	1.32E+00	2.24E-01	1.38E+00	1.35E+03	9.13E+01	1.84E-07	5.93E-07	6.46E-02	6.33E-04	3.05E+00	8.14E+00	1.44E+03	1.42E-04	1.44E+03	1.46E+03	1.10E+01	0.00E+00	0.00E+00	1.99E-02	9.65E+00
VU60NW	1.25E-01	3.47E+01	-3.51E-01	3.51E+01	6.68E-04	0.00E+00	2.20E+03	2.50E-04	1.99E-02	2.18E-01	4.56E-02	5.30E+00	7.38E-07	3.27E-07	2.29E+01	2.48E+00	6.17E-02	1.96E+00	2.77E-01	2.36E+00	1.85E+03	8.37E+01	2.10E-06	6.63E-07	7.47E-02	1.00E-03	8.91E+00	8.00E+00	1.94E+03	3.50E-04	1.94E+03	1.95E+03	1.69E+01	0.00E+00	0.00E+00	2.31E-02	1.19E+01
VU60NWB	1.21E-01	3.15E+01	-1.60E-01	3.22E+01	2.76E-04	0.00E+00	5.01E+02	2.18E-04	1.82E-02	2.13E-01	4.22E-02	4.55E+00	6.56E-08	3.16E-07	2.65E+01	7.42E-01	5.80E-02	1.88E+00	2.84E-01	1.94E+00	1.67E+03	8.37E+01	2.46E-07	6.15E-07	7.11E-02	6.66E-04	5.60E+00	6.05E+00	1.70E+03	2.94E-04	1.76E+03	1.80E+03	1.21E+01	0.00E+00	0.00E+00	5.05E-03	1.28E+01
VU60NWP	1.25E-01	3.46E+01	-3.50E-01	3.50E+01	6.68E-04	0.00E+00	1.85E+03	2.59E-04	1.98E-02	2.17E-01	4.53E-02	5.07E+00	7.01E-07	3.21E-07	2.15E+01	2.47E+00	6.14E-02	1.96E+00	2.75E-01	2.35E+00	1.85E+03	8.32E+01	2.09E-06	6.59E-07	7.45E-02	1.00E-03	8.81E+00	7.97E+00	1.93E+03	3.47E-04	1.93E+03	1.95E+03	1.68E+01	0.00E+00	0.00E+00	2.31E-02	1.18E+01
VU60UA	1.12E-01	3.17E+01	-1.25E-01	3.20E+01	4.37E-05	0.00E+00	1.26E+03	2.91E-04	1.77E-02	1.91E-01	5.08E-02	5.97E+00	5.37E-08	3.34E-07	8.67E+01	3.88E-01	6.88E-02	1.45E+00	2.34E-01	1.42E+00	1.42E+03	9.02E+01	1.80E-07	5.82E-07	6.60E-02	6.72E-04	3.11E+00	5.82E+00	1.48E+03	1.93E-04	1.49E+03	1.52E+03	1.08E+01	0.00E+00	0.00E+00	1.95E-02	1.02E+01
VU60WWH	1.45E-01	4.09E+01	-1.99E-01	4.11E+01	1.58E-03	0.00E+00	2.24E+03	2.69E-04	2.31E-02	2.55E-01	4.19E-02	5.38E+00	7.44E-07	3.73E-07	3.85E+01	5.02E+00	5.68E-02	2.86E+00	4.65E-01	4.51E+00	2.10E+03	1.05E+02	2.25E-06	7.73E-07	8.74E-02	2.07E-03	1.52E+01	7.63E+00	2.21E+03	3.50E-04	2.21E+03	2.23E+03	2.29E+01	0.00E+00	0.00E+00	2.31E-02	2.00E+01
VU60WWV	1.10E-01	3.61E+01	-1.32E-01	3.57E+01	6.83E-04	0.00E+00	1.93E+03	2.45E-04	2.11E-02	2.23E-01	3.97E-02	2.70E+00	5.54E-07	3.42E-07	2.75E+01	2.24E+00	5.40E-02	2.52E+00	3.31E-01	3.81E+00	1.95E+03	9.04E+01	1.96E-06	6.38E-07	7.47E-02	1.52E-03	1.25E+01	5.82E+00	2.09E+03	1.44E-03	2.08E+03	2.08E+03	1.99E+01	0.00E+00	0.00E+00	6.44E-03	1.43E+01
VZ002VB	2.28E-03	6.24E-01	-2.03E-02	6.44E-01	0.00E+00	0.00E+00	2.56E+00	1.89E-06	4.58E-04	4.81E-03	1.61E-03	1.73E-03	4.96E-09	2.79E-09	1.74E+00	1.36E-01	2.18E-03	1.88E-03	5.69E-03	6.93E-01	6.01E+00	7.04E+00	8.28E-09	1.83E-08	1.61E-03	4.66E-04	4.20E-01	5.58E-01	1.30E+01	1.28E-07	1.30E+01	1.40E+01	9.78E-01	0.00E+00	0.00E+00	0.00E+00	2.44E-01
VZ006VB	2.85E-03	6.96E-01	-7.31E-03	7.03E-01	0.00E+00	0.00E+00	1.84E+00	8.63E-07	4.53E-04	5.38E-03	1.12E-03	3.05E-02	8.67E-10	5.27E-09	1.61E+00	3.06E-02	1.51E-03	4.13E-02	8.06E-03	5.20E-01	1.71E+01	2.82E+00	1.32E-08	2.05E-08	1.70E-03	7.11E-05	8.66E-01	1.91E-01	1.99E+01	2.29E-03	1.99E+01	2.10E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-01
VZ007VB	1.16E-03	2.85E-01	-2.02E-02	3.05E-01	4.42E-05	0.00E+00	2.45E+00	1.33E-06	2.49E-04	2.55E-03	1.16E-03	1.68E-03	4.61E-09	1.56E-09	1.70E+00	1.58E-01	1.56E-03	1.34E-03	1.76E-03	5.57E-01	5.05E+00	1.29E+00	8.00E-09	1.04E-08	8.38E-04	3.52E-04	4.24E-01	5.13E-01	6.34E+00	3.19E-08	6.34E+00	7.28E+00	9.37E-01	0.00E+00	0.00E+00	7.63E-02	7.56E-02
VZ00HW	4.42E-03	1.03E+00	-6.65E-02	1.17E+00	1.38E-04	0.00E+00	1.34E+03	2.45E-05	7.94E-04	8.09E-03	2.86E-03	6.10E-01	4.40E-07	1.46E-08	2.74E+00	5.40E-01	3.83E-03	1.51E-02	7.16E-03	3.83E-01	2.05E+01	9.75E+00	1.71E-06	3.11E-08	2.49E-03	2.32E-04	1.06E+00	1.35E+00	3.14E+01	3.36E-05	3.14E+01	3.07E+01	1.72E+00	0.00E+00	0.00E+00	3.48E-03	3.02E-01
VZ00HWF	4.56E-03	9.56E-01	-4.02E-02	1.08E+00	1.37E-04	0.00E+00	1.31E+03	2.66E-05	7.25E-04	7.21E-03	2.61E-03	9.64E-01	4.57E-07	1.87E-08	2.92E+00	5.21E-01	3.45E-03	1.51E-02	7.10E-03	3.70E-01	1.95E+01	9.27E+00	1.71E-06	3.01E-08	2.28E-03	2.25E-04	9.56E-01	9.35E-01	2.91E+01	3.55E-05	2.95E+01	2.85E+01	1.54E+00	0.00E+00	0.00E+00	3.48E-03	3.00E-01
VZ00UP	4.56E-03	9.54E-01	-3.36E-02	1.08E+00	1.40E-04	0.00E+00	1.16E+03	2.29E-05	7.25E-04	7.23E-03	2.60E-03	9.71E-01	4.36E-07	1.70E-08	2.91E+00	5.21E-01	3.45E-03	1.54E-02	7.16E-03	3.69E-01	1.98E+01	9.28E+00	1.70E-06	3.00E-08	2.27E-03	2.26E-04	9.54E-01	9.12E-01	2.91E+01	2.97E-05	2.95E+01	2.85E+01	1.54E+00	0.00E+00	0.00E+00	2.86E-03	3.01E-01
VZ011	2.82E-03	4.83E-01	-1.59E-02	5.47E-01	4.84E-07	0.00E+00	3.57E+00	3.74E-06	3.96E-04	4.28E-03	1.04E-03	1.19E-01	4.59E-09	4.19E-09	1.75E+00	8.32E-02	1.42E-03	5.03E-03	2.90E-03	1.99E-01	8.84E+00	4.30E+00	1.19E-08	1.87E-08	1.27E-03	3.74E-05	6.31E-01	3.85E-01	1.19E+01	3.64E-06	1.21E+01	1.31E+01	9.99E-01	0.00E+00	0.00E+00	5.38E-04	1.25E-01
VZ012VB	2.64E-03	3.58E-01	-1.83E-02	3.78E-01	3.09E-06	0.00E+00	4.06E+00	9.25E-06	2.43E-04	2.75E-03	1.06E-03	2.00E-01	6.03E-09	3.70E-09	1.96E+00	1.59E-01	1.45E-03	7.63E-03	3.62E-03	1.82E-01	9.34E+00	5.28E+00	1.33E-08	1.67E-08	8.55E-04	7.54E-05	7.38E-01	2.92E-01	1.01E+01	1.24E-05	1.13E+01	1.23E+01	9.24E-01	0.00E+00	0.00E+00	2.75E-05	1.55E-01
VZ016VB	4.47E-03	1.03E+00	-5.28E-02	1.18E+00	3.33E-06	0.00E+00	1.01E+03	2.82E-05	8.49E-04	8.58E-03	3.29E-03	1.77E+00	3.50E-08	3.41E-08	7.28E+00	1.85E-01	4.52E-03	5.45E-03	8.29E-03	5.41E-01	1.62E+01	1.27E+01	2.72E-08	3.19E-08	2.65E-03	3.04E-04	5.61E-01	1.41E+00	2.70E+01	3.87E-05	2.69E+01	2.78E+01	3.06E+00	0.00E+00	0.00E+00	3.49E-02	3.40E-01
VZ017VB	1.97E-03	5.21E-01	-2.07E-02	5.53E-01	6.31E-06	0.00E+00	8.45E+00	1.11E-04	4.04E-04	4.25E-03	1.51E-03	1.19E+00	9.18E-07	2.57E-08	4.36E+00	1.02E+00	2.08E-03	4.42E-03	1.86E-02	1.31E-01	8.35E+00	6.74E+00	1.41E-07	2.42E-08	1.30E-03	6.51E-05	4.14E-01	6.61E-01	1.31E+01	8.15E-05	1.34E+01	1.37E+01	8.71E-01	0.00E+00	0.00E+00	2.87E-02	8.37E-01
VZ01EK	7.33E-03	4.81E-01	-1.70E-02	4.98E-01	0.00E+00	0.00E+00	2.60E+00	1.15E-06	5.27E-04	5.82E-03	8.33E-04	9.45E-01	1.32E-09	3.60E-09	1.21E+00	1.58E-03	1.13E-03	5.23E-03	5.26E-03	6.53E-02	1.10E+01	1.54E+00	1.41E-07	6.11E-08	2.32E-03	3.70E-05	1.88E-01	2.32E-01	1.25E+01	4.83E-05	1.25E+01	1.30E+01	4.20E-01	0.00E+00	0.00E+00	0.00E+00	2.26E-01

VZ02NCH	2.20E-02	3.64E+00	-3.28E-01	3.84E+00	2.18E-04	0.00E+00	1.10E+03	3.97E-05	2.77E-03	2.88E-02	1.04E-02	5.10E+00	1.38E-07	9.41E-08	1.02E+01	8.97E-01	1.41E-02	4.81E-02	3.50E-02	1.23E+00	7.48E+01	2.78E+01	2.70E-07	1.81E-07	8.97E-03	4.08E-04	2.67E+00	4.66E+00	1.07E+02	4.41E-05	1.04E+02	1.12E+02	6.65E+00	0.00E+00	0.00E+00	1.58E-02	1.52E+00
VZ02NWH	2.18E-02	4.09E+00	-3.22E-01	4.31E+00	2.21E-04	0.00E+00	8.82E+02	4.79E-05	2.93E-03	3.17E-02	9.40E-03	4.85E+00	1.39E-07	1.05E-07	2.65E+01	9.02E-01	1.27E-02	5.31E-02	3.28E-02	1.25E+00	9.25E+01	2.64E+01	2.71E-07	1.79E-07	1.02E-02	4.02E-04	2.34E+00	4.64E+00	1.30E+02	6.08E-05	1.30E+02	1.35E+02	6.67E+00	0.00E+00	0.00E+00	5.98E-03	1.42E+00
VZ041VB	1.73E-02	3.56E+00	-4.92E-02	3.66E+00	6.29E-06	0.00E+00	4.60E+01	2.20E-05	2.58E-03	2.98E-02	1.03E-02	3.88E-01	2.66E-08	3.82E-08	2.59E+00	2.16E-01	1.39E-02	3.42E-02	2.53E-02	1.28E+00	5.73E+01	2.37E+01	1.19E-07	1.46E-07	9.20E-03	3.58E-04	2.14E+00	1.70E+00	8.25E+01	1.46E-05	8.49E+01	9.49E+01	5.61E+00	0.00E+00	0.00E+00	1.21E-02	1.09E+00
VZ093	1.24E-03	3.18E-01	-8.25E-03	3.29E-01	1.37E-04	0.00E+00	3.73E+00	4.21E-06	2.16E-04	2.34E-03	8.72E-04	9.85E-03	6.76E-08	3.07E-09	1.79E+00	4.30E-01	1.20E-03	1.21E-03	1.70E-03	1.82E-01	5.36E+00	2.75E+00	7.21E-09	8.57E-09	7.04E-04	8.31E-05	1.39E+00	2.34E-01	8.94E+00	1.38E-06	9.27E+00	9.67E+00	7.91E-01	0.00E+00	0.00E+00	3.61E-03	7.30E-02
VZ094	1.30E-03	3.66E-01	-1.15E-02	3.76E-01	3.35E-04	0.00E+00	1.32E+01	2.10E-05	2.50E-04	2.79E-03	1.38E-03	4.82E-02	7.31E-08	3.40E-09	1.95E+00	1.13E+00	1.92E-03	2.25E-03	1.83E-02	2.46E-01	7.22E+00	6.23E+00	4.99E-07	6.00E-08	8.36E-04	3.59E-04	1.76E+00	1.12E+00	9.96E+00	2.10E-06	1.07E+01	1.11E+01	8.56E-01	0.00E+00	0.00E+00	3.61E-03	8.03E-01
VZ095	3.01E-03	9.09E-01	-2.37E-02	9.83E-01	3.62E-04	0.00E+00	1.75E+01	2.14E-05	6.44E-04	6.77E-03	2.11E-03	5.01E-02	3.62E-08	6.15E-09	2.02E+00	1.33E+00	2.87E-03	4.09E-03	2.03E-02	3.24E-01	1.26E+01	8.73E+00	5.03E-07	7.50E-08	2.04E-03	3.83E-04	1.87E+00	1.45E+00	2.08E+01	2.36E-06	2.25E+01	2.16E+01	1.06E+00	0.00E+00	0.00E+00	3.61E-03	8.80E-01
VZ096	2.98E-03	9.09E-01	-2.35E-02	9.84E-01	4.10E-04	0.00E+00	1.75E+01	2.02E-05	6.39E-04	6.73E-03	2.11E-03	5.07E-02	2.92E-08	6.11E-09	1.99E+00	1.38E+00	2.87E-03	4.06E-03	2.03E-02	3.22E-01	1.26E+01	8.76E+00	5.03E-07	7.43E-08	2.04E-03	3.83E-04	1.87E+00	1.35E+00	2.07E+01	2.32E-06	2.24E+01	2.15E+01	1.00E+00	0.00E+00	0.00E+00	3.61E-03	8.79E-01
VZ097	5.57E-03	1.66E+00	-4.12E-02	1.76E+00	7.89E-04	0.00E+00	1.99E+01	2.26E-05	1.36E-03	1.35E-02	3.74E-03	5.54E-02	3.48E-08	1.11E-08	2.16E+00	2.37E+00	5.15E-03	6.46E-03	2.54E-02	1.61E+00	3.60E+01	1.17E+01	5.25E-07	8.09E-08	4.43E-03	1.01E-03	3.03E+00	2.24E+00	4.34E+01	3.30E-06	5.14E+01	7.40E+01	5.06E+00	0.00E+00	0.00E+00	3.61E-03	1.11E+00
VZ098	5.44E-03	1.07E+00	-4.21E-02	1.19E+00	6.69E-04	0.00E+00	1.93E+01	2.20E-05	8.07E-04	8.17E-03	3.13E-03	5.49E-02	3.37E-08	1.05E-08	2.16E+00	1.81E+00	4.25E-03	5.56E-03	2.45E-02	8.99E-01	1.73E+01	1.16E+01	5.13E-07	7.92E-08	2.64E-03	6.47E-04	2.42E+00	2.15E+00	2.70E+01	2.89E-06	2.86E+01	3.06E+01	4.05E+00	0.00E+00	0.00E+00	3.61E-03	1.06E+00
VZ099	6.69E-03	2.50E+00	-5.25E-02	2.51E+00	1.27E-03	0.00E+00	2.42E+01	2.54E-05	2.00E-03	1.99E-02	7.34E-03	6.23E-02	3.90E-08	1.71E-08	2.35E+00	3.35E+00	9.93E-03	1.68E-02	2.75E-02	3.33E+00	5.02E+01	2.09E+01	5.42E-07	1.10E-07	6.28E-03	1.65E-03	4.40E+00	2.45E+00	6.78E+01	3.75E-06	6.92E+01	7.58E+01	6.15E+00	0.00E+00	0.00E+00	3.61E-03	1.19E+00
VZ100	8.98E-03	2.26E+00	-9.24E-02	2.37E+00	1.03E-03	0.00E+00	1.33E+02	1.20E-05	1.65E-03	1.83E-02	6.50E-03	2.77E-01	2.51E-08	2.28E-08	3.12E+00	3.24E+00	8.78E-03	3.80E-02	1.79E-02	2.22E+00	3.91E+01	1.64E+01	6.70E-08	8.22E-08	5.79E-03	1.21E-03	3.55E+00	2.20E+00	5.88E+01	7.15E-06	5.56E+01	6.14E+01	5.54E+00	0.00E+00	0.00E+00	1.81E-02	7.79E-01
VZ101E	1.76E-02	4.80E+00	-5.53E-02	5.21E+00	1.09E-05	0.00E+00	8.07E+01	1.53E-05	3.42E-03	3.59E-02	1.12E-02	2.39E-01	2.93E-08	3.05E-08	2.90E+00	2.00E-01	1.53E-02	5.07E-01	3.31E-02	7.72E-01	3.30E+02	2.66E+01	4.32E-08	1.26E-07	1.18E-02	2.92E-04	1.17E+00	2.10E+00	3.53E+02	5.38E-05	3.78E+02	3.83E+02	5.58E+00	0.00E+00	0.00E+00	3.81E-03	1.42E+00
VZ101N	2.37E-02	5.91E+00	-6.85E-02	6.21E+00	1.17E-05	0.00E+00	2.14E+02	3.90E-05	3.84E-03	4.20E-02	1.13E-02	3.02E-01	3.12E-08	8.94E-08	2.18E+01	2.06E-01	1.53E-02	5.93E-01	3.49E-02	8.57E-01	3.86E+02	3.04E+01	5.85E-08	1.48E-07	1.40E-02	3.05E-04	1.50E+00	2.19E+00	4.06E+02	7.60E-05	4.36E+02	4.39E+02	5.69E+00	0.00E+00	0.00E+00	3.25E-04	1.50E+00
VZ101WN	1.88E-02	6.05E+00	-2.46E-01	6.17E+00	5.44E-06	0.00E+00	3.46E+02	2.01E-05	3.90E-03	4.19E-02	1.19E-02	4.20E-01	4.32E-08	6.33E-08	3.18E+00	2.67E-01	1.62E-02	1.13E+00	4.04E-02	7.65E-01	1.07E+03	1.59E+01	6.04E-08	1.71E-07	1.35E-02	2.33E-04	1.35E+00	4.42E+00	1.13E+03	8.72E-05	1.09E+03	1.07E+03	6.01E+00	0.00E+00	0.00E+00	1.97E-02	1.75E+00
VZ102N	4.41E-02	1.26E+01	-4.29E-01	1.30E+01	9.78E-06	0.00E+00	1.85E+02	1.23E-05	7.49E-03	8.05E-02	1.54E-02	3.14E-02	5.56E-08	9.15E-08	1.51E+01	3.22E-02	2.08E-02	9.61E-01	1.12E-01	3.64E-01	8.66E+02	1.49E+00	3.26E-08	2.21E-07	2.89E-02	1.34E-04	1.90E-01	6.10E+00	8.68E+02	1.40E-04	8.68E+02	8.74E+02	6.29E+00	0.00E+00	0.00E+00	0.00E+00	4.82E+00
VZ102V	4.03E-02	1.13E+01	-1.51E-01	1.16E+01	1.07E-05	0.00E+00	2.06E+02	5.08E-05	6.50E-03	7.11E-02	1.60E-02	3.04E-01	3.25E-08	8.59E-08	3.03E+01	2.27E-01	2.17E-02	5.70E-01	4.73E-02	8.20E-01	7.98E+02	1.04E+01	5.96E-08	1.79E-07	2.54E-02	2.30E-04	1.81E+00	3.29E+00	7.31E+02	1.31E-04	7.46E+02	7.54E+02	6.38E+00	0.00E+00	0.00E+00	7.01E-04	2.02E+00
VZ102WN	2.73E-02	8.78E+00	-3.37E-01	9.15E+00	6.44E-06	0.00E+00	6.95E+02	3.03E-05	5.29E-03	5.69E-02	1.57E-02	4.31E-01	6.07E-08	7.55E-08	5.65E+00	2.56E-01	2.13E-02	1.17E+00	4.53E-02	1.07E+00	1.10E+03	1.75E+01	7.61E-08	2.24E-07	1.84E-02	2.81E-04	2.16E+00	5.97E+00	1.18E+03	9.55E-05	1.14E+03	1.12E+03	7.69E+00	0.00E+00	0.00E+00	2.00E-02	1.97E+00
VZ103N	4.29E-02	1.26E+01	-3.47E-01	1.26E+01	1.10E-05	0.00E+00	2.52E+02	5.55E-05	6.46E-03	7.27E-02	1.90E-02	3.25E-01	5.92E-08	9.84E-08	3.14E+01	2.44E-01	2.58E-02	1.18E+00	1.15E-01	1.07E+00	1.11E+03	1.85E+01	6.52E-08	2.23E-07	2.60E-02	2.10E-04	1.78E+00	6.02E+00	1.17E+03	1.43E-04	1.15E+03	1.14E+03	8.13E+00	0.00E+00	0.00E+00	8.25E-04	4.91E+00
VZ103V	4.20E-02	1.26E+01	-7.37E-02	1.26E+01	1.09E-05	0.00E+00	2.23E+02	5.34E-05	6.35E-03	7.21E-02	1.90E-02	3.23E-01	2.47E-08	9.33E-08	3.06E+01	2.27E-01	2.57E-02	1.13E+00	1.15E-01	1.07E+00	1.02E+03	1.80E+01	6.94E-08	2.28E-07	2.58E-02	2.98E-04	2.48E+00	2.44E+00	1.09E+03	1.42E-04	1.08E+03	1.07E+03	7.18E+00	0.00E+00	0.00E+00	8.01E-04	4.95E+00
VZ103W	4.14E-02	1.07E+01	-7.23E-02	1.08E+01	4.47E-04	0.00E+00	2.64E+02	5.48E-05	5.78E-03	6.54E-02	1.65E-02	6.21E-01	2.89E-08	9.03E-08	3.15E+01	1.07E+00	2.23E-02	1.18E+00	8.88E-02	1.38E+00	1.01E+03	1.47E+01	8.13E-08	1.86E-07	2.28E-02	5.88E-04	4.52E+00	2.43E+00	1.10E+03	1.94E-04	1.08E+03	1.07E+03	6.58E+00	0.00E+00	0.00E+00	8.27E-04	3.88E+00
VZ103WN	3.33E-02	1.02E+01	-4.84E-01	1.07E+01	6.69E-06	0.00E+00	7.48E+02	3.61E-05	5.95E-03	6.66E-02	1.94E-02	5.02E-01	7.30E-08	1.26E-07	1.02E+01	2.53E-01	2.64E-02	1.44E+00	1.16E-01	1.55E+00	1.26E+03	2.17E+01	8.66E-08	3.43E-07	2.32E-02	2.98E-04	3.04E+00	7.17E+00	1.28E+03	1.10E-04	1.25E+03	1.24E+03	9.03E+00	0.00E+00	0.00E+00	2.02E-02	5.00E+00
VZ103WV	3.19E-02	9.75E+00	-6.28E-02	1.01E+01	7.17E-06	0.00E+00	4.18E+02	3.84E-05	5.67E-03	6.38E-02	1.84E-02	5.57E-01	2.96E-08	1.22E-07	8.93E+00	2.63E-01	2.49E-02	1.36E+00	1.15E-01	1.44E+00	1.13E+03	2.16E+01	8.82E-08	3.50E-07	2.20E-02	3.68E-04	3.44E+00	2.45E+00	1.16E+03	1.11E-04	1.15E+03	1.13E+03	7.63E+00	0.00E+00	0.00E+00	1.88E-02	4.98E+00
VZ104V	4.45E-02	1.78E+01	-7.38E-02	1.78E+01	1.09E-05	0.00E+00	2.24E+02	7.87E-05	7.41E-03	8.49E-02	2.27E-02	4.61E-01	3.32E-08	1.34E-07	3.16E+01	2.03E-01	3.08E-02	1.30E+00	1.34E-01	1.21E+00	1.09E+03	1.89E+01	7.47E-08	2.61E-07	3.43E-02	3.21E-04	2.55E+00	2.55E+00	1.15E+03	1.58E-04	1.13E+03	1.12E+03	7.93E+00	0.00E+00	0.00E+00	1.09E-03	5.70E+00
VZ104W	4.20E-02	1.24E+01	-1.39E-01	1.24E+01	4.61E-04	0.00E+00	2.67E+02	5.43E-05	6.01E-03	7.08E-02	1.83E-02	6.57E-01	5.43E-08	1.12E-07	3.20E+01	1.14E+00	2.48E-02	1.31E+00	1.24E-01	1.69E+00	1.07E+03	1.80E+01	8.80E-08	2.31E-07	2.54E-02	7.21E-04	6.51E+00	3.58E+00	1.14E+03	1.93E-04	1.11E+03	1.11E+03	7.43E+00	0.00E+00	0.00E+00	1.07E-03	5.29E+00
VZ104WN	4.15E-02	1.42E+01	-3.16E-01	1.49E+01	3.61E-06	0.00E+00	1.65E+02	7.21E-05	7.73E-03	8.75E-02	2.32E-02	3.03E-01	6.38E-08	1.34E-07	6.10E+00	2.49E-01	3.14E-02	1.44E+00	1.28E-01	1.79E+00	1.23E+03	4.29E+01	8.20E-08	3.91E-07	3.03E-02	2.82E-04	3.24E+00	6.68E+00	1.27E+03	1.04E-04	1.25E+03	1.24E+03	9.11E+00	0.00E+00	0.00E+00	5.11E-03	5.57E+00
VZ104WV	4.00E-02	1.36E+01	-6.77E-02	1.44E+01	7.07E-06	0.00E+00	4.21E+02	7.55E-05	7.35E-03	8.27E-02	2.28E-02	5.01E-01	2.46E-08	1.41E-07	1.02E+01	2.62E-01	3.09E-02	1.35E+00	1.29E-01	1.74E+00	1.13E+03	3.50E+01	9.03E-08	4.02E-07	2.98E-02	3.91E-04	3.53E+00	2.64E+00	1.16E+03	1.16E-04	1.16E+03	1.15E+03	8.34E+00	0.00E+00	0.00E+00	1.88E-02	5.58E+00
VZ105N	7.73E-02	2.24E+01	-6.19E-01	2.30E+01	9.78E-06	0.00E+00	2.06E+02	1.74E-05	1.31E-02	1.40E-01	2.49E-02	4.16E-02	7.85E-08	1.62E-07	4.22E+01	3.22E-02	3.37E-02	1.85E+00	2.00E-01	5.07E-01	1.55E+03	2.29E+00	5.19E-08	3.86E-07	5.10E-02	1.82E-04	1.20E-01	8.68E+00	1.56E+03	2.47E-04	1.56E+03	1.56E+03	8.80E+00	0.00E+00	0.00E+00	0.00E+00	8.59E+00
VZ105W	4.27E-02	1.80E+01	-7.69E-02	1.79E+01	4.61E-04	0.00E+00	2.71E+02	7.76E-05	6.82E-03	8.00E-02	2.14E-02	7.66E-01	4.85E-08	1.21E-07	3.47E+01	1.12E+00	2.89E-02	1.49E+00	1.29E-01	1.74E+00	1.19E+03	1.99E+01	8.79E-08	2.35E-07	3.25E-02	7.30E-04	6.41E+00	2.59E+00	1.23E+03	2.12E-04	1.22E+03	1.20E+03	7.98E+00	0.00E+00	0.00E+00	1.07E-03	5.58E+00
VZ105WN	5.61E-02	1.60E+01	-3.25E-01	1.68E+01	7.90E-06	0.00E+00	8.23E+02	7.84E-05	1.03E-02	1.11E-01	2.69E-02	9.19E-01	6.39E-08	1.58E-07	1.12E+01	2.86E-01	3.58E-02	1.54E+00	1.69E-01	1.89E+00	1.33E+03	5.90E+01	9.51E-08	4.79E-07	3.85E-02	3.13E-04	3.39E+00	6.88E+00	1.36E+03	1.75E-04	1.37E+03	1.35E+03	1.32E+01	0.00E+00	0.00E+00	2.06E-02	7.23E+00
VZ105WV	5.65E-02	1.61E+01	-1.61E-01	1.68E+01	7.82E-06	0.00E+00	4.26E+02	8.38E-05	1.03E-02	1.10E-01	2.79E-02	8.58E-01	3.67E-08	1.53E-07	1.08E+01	2.87E-01	3.73E-02	1.44E+00	1.69E-01	1.84E+00	1.21E+03	5.98E+01	9.83E-08	4.87E-07	3.85E-02	3.13E-04	3.61E+00	4.05E+00	1.24E+03	1.62E-04	1.26E+03	1.25E+03	1.30E+01	0.00E+00	0.00E+00	1.93E-02	7.21E+00
VZ111N	4.06E-03	7.70E-01	-2.47E-02	7.63E-01	8.40E-06	0.00E+00	2.43E+02	3.24E-05	4.98E-04	6.09E-03	1.64E-03	8.32E-01	2.98E-08	1.35E-08	4.14E+00	5.38E-01	2.28E-03	1.39E-02	6.77E-03	2.54E-01	2.13E+01	8.23E+00	2.06E-08	3.39E-08	1.76E-03	1.27E-04	6.78E-01	4.45E-01	2.32E+01	5.96E-06	2.28E+01	2.64E+01	1.14E+00	0.00E+00	0.00E+00	2.08E-02	2.85E-01
VZ112N	5.14E-03	9.00E-01	-2.74E-02	9.87E-01	8.40E-06	0.00E+00	2.43E+02	3.27E-05	6.27E-04	7.13E-03	1.99E-03	8.32E-01	3.09E-08	1.39E-08	4.13E+00	5.48E-01	2.69E-03	1.42E-02	7.05E-03	2.76E-01	2.17E+01	8.63E+00	2.21E-08	3.73E-08	2.02E-03	1.39E-04	6.78E-01	5.06E-01	2.44E+01	5.95E-06	2.49E+01	2.81E+01	1.14E+00	0.00E+00	0.00E+00	2.08E-02	2.96E-01
VZ113N	5.72E-03	9.26E-01	-3.65E-02	1.05E+00	8.86E-06	0.00E+00	2.48E+02	3.39E-05	7.03E-04	7.86E-03	2.20E-03	8.57E-01	4.07E-08	1.43E-08	4.23E+00	5.69E-01	2.96E-03	3.30E-02	7.62E-03	3.29E-01	2.20E+01	8.84E+00	2.71E-08	4.29E-08	2.25E-03	1.59E-04	7.13E-01	6.87E-01	2.62E+01	8.99E-06	2.66E+01	2.91E+01	1.34E+00	0.00E+00	0.00E+00	2.08E-02	3.18E-01
VZ114N	5.90E-03	9.48E-01	-4.19E-02	1.07E+00	7.30E-06	0.00E+00	2.43E+02	3.21E-05	7.52E-04	8.06E-03	2.61E-03	4.56E-01	2.97E-08	1.19E-08	4.12E+00	5.86E-01	3.48E-03	2.31E-02	7.51E-03	3.65E-01	2.22E+01	8.71E+00	2.57E-08	4.25E-08	2.33E-03	1.87E-04	7.35E-01	9.70E-01	2.65E+01	7.96E-06	2.72E+01	2.97E+01	1.54E+00	0.00E+00	0.00E+00	2.08E-02	3.14E-01
VZ115N	5.88E-03	9.51E-01	-4.36E-02	1.08E+00	6.80E-06	0.00E+00	2.08E+02	3.35E-05	7.56E-04	7.77E-03	2.64E-03	7.85E-01	3.78E-08	1.68E-08	3.84E+00	6.16E-01	3.50E-03	3.08E-02	9.14E-03	5.26E-01	1.97E+01	8.55E+00	3.50E-08	4.68E-08	2.40E-03	2.33E-04	6.73E-01	9.34E-01	2.67E+01	8.94E-05	2.68E+01	3.06E+01	2.90E+00	0.00E+00	0.00E+00	3.88E-02	3.68E-01
VZ121N	9.36E-03	2.59E+00	-1.41E-01	2.77E+00	9.70E-06	0.00E+00	9.12E+01	2.51E-05	1.98E-03	2.11E-02	6.41E-03	5.27E-01	2.98E-08	3.68E-08	2.13E+01	6.14E-01	8.68E-03	2.56E-02	1.19E-02	7.29E-01	5.82E+02	1.71E+01	5.37E-08	6.01E-08	6.51E-03	2.63E-04	1.41E-01	2.87E+00	9.31E+01	4.39E-05	8.32E+02	7.96E+02	4.68E+00	0.00E+00	0.00E+00	2.61E-04	5.01E-01
VZ122N	1.90E-02	4.77E+00	-8.50E-02	5.14E+00	1.06E-05	0.00E+00	9.04E+01	2.71E-05	3.34E-03	3.67E-02	8.93E-03	3.88E-01	2.58E-08	6.76E-08	2.19E+01	2.12E-01	1.21E-02	1.48E-01	2.06E-02	8.30E-01	1.67E+02	2.15E+01	5.65E-08	1.27E-07	1.18E-02	3.25E-04	1.21E+00	2.32E+00	2.20E+02	5.40E-05	2.05E+02	2.19E+02	5.40E+00	0.00E+00	0.00E+00	7.55E-04	8.82E-01
VZ122W	9.45E-03	2.97E+00	-5.68E-02	3.00E+00	4.18E-04	0.00E+00	1.17E+02	2.33E-05	2.24E-03	2.21E-02	6.68E-03	8.74E-01	2.87E-08	4.27E-08	2.29E+01	1.01E+00	9.08E-03	3.09E-01	1.41E-02	1.10E+00	2.14E+02	1.63E+01	6.34E-08	6.56E-08	7.43E-03	5.77E-04	1.03E+00	1.64E+00	2.13E+02	1.07E-04	1.92E+02	1.95E+02	4.85E+00	0.00E+00	0.00E+00	3.27E-04	6.15E-01
VZ123N	2.18E-02	5.58E+00	-5.75E-02	5.93E+00	1.17E-05	0.00E+00	1.71E+02	2.98E-05	3.81E-03	4.08E-02	1.06E-02	2.97E-01	2.92E-08	7.83E-08	2.25E+01	2.33E-01	1.44E-02	2.97E-01	3.09E-02	8.33E-01	3.59E+02	2.74E+01	5.60E-08	1.44E-07	1.36E-02	3.00E-04	7.13E-01	2.08E+00	3.43E+02	6.15E-05	3.68E+02	3.84E+02	5.65E+00	0.00E+00	0.00E+00	3.79E-04	1.33E+00
VZ123W	3.61E-02	1.04E+01	-2.91E-01	1.07E+01	5.73E-04	0.00E+00	6.48E+01	1.95E-05	6.20E-03	6.75E-02	8.75E-03	7.74E-02	4.57E-08	7.55E-08	3.82E+01	1.61E+00	1.18E-02	9.14E-01	1.76E-01	1.62E+00	6.01E+02	1.44E+01	1.23E-07	1.92E-07	2.36E-02	7.78E-04	4.18E+00	4.92E+00	6.16E+02	7.83E-05	6.16E+02	6.25E+02	9.09E+00	0.00E+00	0.00E+00	0.00E+00	7.57E+00
VZ124N	2.46E-02	6.72E+00	-6.56E-02	7.03E+00	1.11E-05	0.00E+00	1.21E+02	3.28E-05	4.31E-03	4.70E-02	1.32E-02	1.53E-01	2.28E-08	7.86E-08	2.21E+01	2.32E-01	1.78E-02	3.08E-01	4.10E-02	8.07E-01	5.73E+02	1.25E+01	5.62E-08	1.35E-07	1.58E-02	3.44E-04	4.49E-01	2.35E+00	4.98E+02	1.08E-04	5.00E+02	5.31E+02	5.80E+00	0.00E+00	0.00E+00	3.72E-04	1.77E+00
VZ125N	1.76E-02	4.99E+00	-4.97E-02	5.48E+00	1.09E-05	0.00E+00	7.30E+01	1.54E-05	3.60E-03	3.78E-02	1.15E-02	2.26E-01	2.93E-08	3.03E-08	2.92E+00	2.13E-01	1.56E-02	2.24E-01	3.53E-02	7.64E-01	3.25E+02	3.26E+01	4.25E-08	1.21E-07	1.25E-02	2.96E-04	6.03E-01	2.00E+00	3.31E+02	4.92E-05	3.59E+02	3.64E+02	5.58E+00	0.00E+00	0.00E+00	3.81E-03	1.53E+00
VZ126N	1.99E-02	5.90E+00	-5.55E-02	6.32E+00	1.02E-05	0.00E+00	6.51E+01	1.58E-05	4.10E-03	4.36E-02	1.37E-02	8.91E-02	2.11E-08	3.33E-08	2.88E+00	2.12E-01	1.85E-02	2.31E-01	4.17E-02	7.81E-01	5.55E+02	1.25E+01	5.27E-08	1.20E-07	1.41E-02	3.34E-04	5.85E-01	2.30E+00	4.99E+02	1.02E-04	4.92E+02	5.14E+02	5.79E+00	0.00E+00	0.00E+00	3.76E-03	1.80E+00
VZ127N	2.48E-02	6.67E+00	-4.99E-01	7.17E+00	9.78E-06	0.00E+00	5.04E+01	1.05E-05	4.40E-03	4.62E-02	1.64E-02	2.94E-02	6.45E-08	4.61E-08	1.58E+00	3.09E-02	2.21E-02	1.99E-02	5.91E-02	3.93E-01	4.40E+02	1.06E+00	2.99E-08	1.27E-07	1.61E-02	1.50E-04	-4.24E-01	7.18E+00	4.41E+02	9.15E-05	4.41E+02	4.48E+02	6.76E+00	0.00E+00	0.00E+00	0.00E+00	2.54E+00
VZ12AU	3.69E-02	9.85E+00	-7.67E-02	1.03E+01	2.70E-05	0.00E+00	9.38E+02	5.43E-05	6.05E-03	6.55E-02	1.53E-02	3.13E+00	3.10E-08	1.14E-07	2.33E+01	2.20E-01	2.08E-02	4.16E-01	4.31E-02	9.18E-01	4.48E+02	3.71E+01	9.96E-08	1.68E-07	2.29E-02	3.56E-04	1.49E+00	2.37E+00	5.13E+02	7.20E-05	5.21E+02	5.44E+02	6.32E+00	0.00E+00	0.00E+00	1.39E-02	1.86E+00
VZ12CAV	9.06E-03	1.50E+00	-6.74E-02	1.67E+00	1.23E-05	0.00E+00	8.08E+02	2.67E-05	1.16E-03	1.28E-02	4.01E-03	1.73E+00	3.35E-08	3.93E-08	2.24E+01	2.05E-01	5.47E-03	1.84E-02	1.24E-02	6.01E-01	3.64E+01	1.27E+01	4.08E-08	4.23E-08	3.81E-03	2.91E-04	8.13E-01	1.68E+00	3.35E+01	3.57E-05	3.77E+01	3.98E+01	3.33E+00	0.00E+00	0.00E+00	1.21E-03	5.22E-01
VZ12CHU	2.73E-02	8.86E+00	-1.04E-01	9.00E+00	1.20E-05	0.00E+00	9.05E+02	4.35E-05	4.72E-03	5.17E-02	1.41E-02	3.22E+00	3.04E-08	1.16E-07	2.36E+01	1.96E-01	1.91E-02	4.22E-01	4.22E-02	8.55E-01	4.54E+02	3.75E+01	9.04E-08	1.85E-07	1.65E-02	3.05E-04	1.81E+00	3.86E+00	4.91E+02	6.08E-05	5.11E+02	5.25E+02	6.01E+00	0.00E+00	0.00E+00	2.08E-03	1.82E+00
VZ12NAV	9.30E-03	2.37E+00	-1.23E-01	2.53E+00	1.22E-05	0.00E+00	1.48E+03	3.18E-05	1.71E-03	1.90E-02	5.31E-03	2.53E+00	3.69E-08	3.93E-08	2.91E+01	2.24E-01	7.22E-03	2.13E-02	1.27E-02	7.11E-01	5.55E+01	1.75E+01	6.47E-08	6.29E-08	5.88E-03	3.08E-04	9.43E-01	2.27E+00	5.67E+01	4.20E-05	6.04E+01	6.73E+01	4.29E+00	0.00E+00	0.00E+00	1.41E-03	5.39E-01
VZ131N	9.14E-03	2.27E+00	-9.85E-02	2.35E+00	3.11E-04	0.00E+00	1.18E+02	2.25E-05	1.58E-03	1.71E-02	5.14E-03	5.41E-01	2.93E-08	3.50E-08	2.24E+01	1.35E+00	7.01E-03	1.31E-01	1.33E-02	6.73E-01	6.16E+02	1.32E+01	5.87E-08	4.74E-08	5.34E-03	4.71E-04	3.18E-01	2.06E+00	1.09E+02	9.68E-05	8.54E+02	8.15E+02	4.41E+00	0.00E+00	0.00E+00	2.61E-04	5.65E-01
VZ132N	1.00E-02	4.02E+00	-5.87E-02	4.12E+00	4.22E-04	0.00E+00	1.17E+02	2.37E-05	3.19E-03	3.11E-02	7.37E-03	5.32E-01	2.27E-08	4.28E-08	2.30E+01	1.07E+00	9.93E-03	3.10E-01	1.55E-02	1.10E+00	2.26E+02	1.81E+01	6.42E-08	6.59E-08	1.03E-02	5.77E-04	1.02E+00	1.73E+00	2.41E+02	1.07E-04	2.14E+02	2.21E+02	4.92E+00	0.00E+00	0.00E+00	3.27E-04	6.74E-01
VZ133N	1.04E-02	4.91E+00	-5.70E-02	5.09E+00	4.65E-04	0.00E+00	1.20E+02	2.52E-05	3.88E-03	3.67E-02	8.40E-03	8.68E-01	3.01E-08	5.24E-08	2.34E+01	1.08E+00	1.15E-02	4.69E-01	1.86E-02	1.16E+00	4.25E+02	1.96E+01	6.51E-08	9.15E-08	1.32E-02	6.27E-04	7.93E-01	1.73E+00	3.42E+02	1.10E-04	3.60E+02	3.62E+02	5.38E+00	0.00E+00	0.00E+00	3.27E-04	8.04E-01
VZ134N	2.11E-02	7.23E+00	-6.09E-02	7.62E+00	4.79E-04	0.00E+00	1.28E+02	3.01E-05	4.68E-03	5.13E-02	1.01E-02	4.61E-01	4.37E-08	7.40E-08	2.46E+01	1.15E+00	1.38E-02	4.69E-01	2.74E-02	1.10E+00	5.67E+02	1.89E+01	6.64E-08	1.28E-07	1.73E-02	7.35E-04	5.99E-01	2.12E+00	4.88E+02	1.58E-04	5.05E+02	5.18E+02	5.50E+00	0.00E+00	0.00E+00	7.95E-04	1.18E+00
VZ135	2.45E-03	5.08E-01	-3.34E-02	5.67E-01	1.46E-05	0.00E+00	4.33E+01	1.73E-05	4.87E-04	4.70E-03	1.32E-03	1.18E+00	4.42E-08	1.81E-08	3.26E+00	1.28E-01	1.77E-03	1.97E-01	4.01E-03	1.68E-01	3.02E+02	2.69E+00	1.95E-08	1.51E-08	1.33E-03	7.25E-05	2.97E-01	5.48E-01	2.10E+02	4.25E-05	2.37E+02	2.39E+02	7.44E-01	0.00E+00	0.00E+00	2.13E-04	1.72E-01
VZ135N	2.27E-02	6.66E+00	-6.92E-02	7.24E+00	1.02E-04	0.00E+00	1.43E+02	3.09E-05	4.23E-03	4.83E-02	1.14E-02	3.61E-01	3.80E-08	7.98E-08	3.19E+01	7.01E-01	1.54E-02	3.42E-01	3.65E-02	9.29E-01	5.77E+02	1.21E+01	6.95E-08	1.36E-07	1.63E-02	5.10E-04	4.19E-01	2.22E+00	4.69E+02	1.13E-04	5.05E+02	5.13E+02	5.70E+00	0.00E+00	0.00E+00	1.05E-03	1.59E+00
VZ136	1.96E-02	6.17E+00	-5.46E-02	6.46E+00	1.47E-05	0.00E+00	8.24E+01	2.29E-05	4.07E-03	4.44E-02	1.19E-02	8.56E-02	1.87E-08	3.20E-08	2.96E+00	2.28E-01	1.62E-02	2.15E-01	4.07E-02	7.37E-01	5.31E+02	1.32E+01	4.39E-08	1.24E-07	1.44E-02	2.88E-04	6.78E-01	2.13E+00	4.73E+02	9.97E-05	4.78E+02	4.89E+02	5.56E+00	0.00E+00	0.00E+00	2.86E-04	1.76E+00
VZ141N	8.67E-03	2.35E+00	-5.63E-02	2.61E+00	2.85E-07	0.00E+00	1.18E+02	1.10E-05	1.84E-03	1.94E-02	6.47E-03	3.05E-02	1.94E-08	1.44E-08	1.98E+00	1.77E-01	8.75E-03	3.82E-01	1.34E-02	7.55E-01	1.09E+02	1.57E+01	5.61E-08	5.09E-08	6.11E-03	3.35E-04	8.99E-01	1.57E+00	1.45E+02	2.90E-05	1.36E+02	1.40E+02	4.48E+00	0.00E+00	0.00E+00	1.31E-02	5.75E-01
VZ142N	9.32E-03	2.81E+00	-6.09E-02	3.15E+00	3.34E-07	0.00E+00	1.25E+02	1.29E-05	2.31E-03	2.37E-02	7.63E-03	3.50E-02	2.09E-08	1.89E-08	2.20E+00	1.79E-01	1.03E-02	3.95E-01	1.60E-02	7.68E-01	1.34E+02	1.98E+01	5.85E-08	5.87E-08	7.54E-03	3.30E-04	3.30E-01	1.72E+00	1.82E+02	3.27E-05	1.67E+02	1.68E+02	4.81E+00	0.00E+00	0.00E+00	1.39E-02	6.83E-01
VZ143N	3.27E-03	5.17E-01	-3.50E-02	5.68E-01	3.54E-06	0.00E+00	9.43E+01	1.31E-05	4.69E-04	4.67E-03	1.30E-03	1.12E+00	4.68E-08	1.37E-08	3.01E+00	9.24E-02	1.75E-03	8.64E-02	3.84E-03	1.93E-01	9.53E+01	2.47E+00	2.57E-08	1.71E-08	1.34E-03	5.01E-05	8.94E-02	5.51E-01	1.12E+02	2.85E-05	9.36E+01	9.02E+01	1.08E+00	0.00E+00	0.00E+00	1.31E-02	1.65E-01
VZ144N	1.74E-02	4.47E+00	-5.90E-02	4.67E+00	1.55E-06	0.00E+00	2.01E+02	2.46E-05	3.13E-03	3.38E-02	1.05E-02	1.70E-01	2.16E-08	4.37E-08	2.27E+00	1.73E-01	1.42E-02	2.02E-01	2.58E-02	7.87E-01	3.18E+02	2.68E+01	6.10E-08	1.18E-07	1.09E-02	3.18E-04	2.74E-01	1.99E+00	3.00E+02	5.40E-05	3.37E+02	3.36E+02	5.31E+00	0.00E+00	0.00E+00	1.69E-02	1.11E+00
VZ201	8.37E-03	2.22E+00	-5.88E-02	2.36E+00	7.90E-06	0.00E+00	2.21E+01	2.29E-05	1.74E-03	1.81E-02	5.23E-03	5.26E-01	2.46E-08	1.58E-08	5.01E+00	2.08E-01	7.15E-03	1.26E-02	1.17E-02	6.94E-01	3.64E+01	1.62E+01	4.51E-08	5.49E-08	5.66E-03	3.08E-04	6.54E-01	1.48E+00	4.99E+01	6.07E-06	5.17E+01	5.70E+01	4.15E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-01
VZ203	1.07E-02	3.21E+00	-5.88E-02	3.41E+00	8.72E-06	0.00E+00	2.84E+01	2.80E-05	2.46E-03	2.61E-02	8.69E-03	8.84E-01	2.62E-08	3.42E-08	5.59E+00	2.11E-01	1.18E-02	1.76E-02	1.78E-02	7.45E-01	6.25E+01	2.15E+01	5.05E-08	1.31E-07	8.10E-03	3.18E-04	2.15E-01	1.65E+00	9.33E+01	8.09E-06	9.27E+01	1.03E+02	5.29E+00	0.00E+00	0.00E+00	9.24E-05	7.62E-01
VZ204	2.05E-02	3.90E+00	-1.43E-01	4.17E+00	1.01E-05	0.00E+00	8.97E+01	3.23E-05	3.12E-03	3.25E-02	1.07E-02	2.87E+00	3.11E-08	7.36E-08	6.76E+00	2.17E-01	1.45E-02	2.21E-02	2.80E-02	7.01E-01	7.60E+01	3.33E+01	5.96E-08	1.40E-07	1.04E-02	2.63E-04	2.96E-02	3.39E+00	1.08E+02	1.86E-05	1.12E+02	1.23E+02	5.64E+00	0.00E+00	0.00E+00	4.13E-04	1.19E+00
VZ221H	5.02E-03	1.02E+00	-3.76E-02	1.08E+00	6.56E-05	0.00E+00	4.99E+02	2.00E-05	7.09E-04	8.03E-03	1.97E-03	8.62E-01	1.02E-07	3.33E-08	2.17E+01	3.90E-01	2.66E-03	2.28E-02	7.24E-03	3.01E-01	2.81E+01	8.97E+00	4.89E-08	3.41E-08	2.26E-03	1.66E-04	1.14E+00	6.72E-01	2.75E+01	2.04E-04	2.66E+01	2.91E+01	1.30E+00	0.00E+00	0.00E+00	4.64E-03	3.12E-01
VZ221N	4.05E-03	5.42E-01	-3.08E-02	5.54E-01	9.11E-06	0.00E+00	2.61E+02	1.82E-05	3.83E-04	4.95E-03	1.45E-03	9.92E-01	1.56E-08	2.83E-08	2.16E+01	1.03E-01	1.96E-03	3.02E-02	5.92E-03	2.63E-01	2.55E+01	7.62E+00	1.87E-08	1.80E-08	1.35E-03	1.23E-04	1.04E+00	4.72E-01	2.27E+01	3.14E-05	2.14E+01	2.44E+01	1.24E+00	0.00E+00	0.00E+00	3.34E-03	2.51E-01
VZ221NA	4.05E-03	5.46E-01	-2.85E-02	5.59E-01	8.98E-06	0.00E+00	2.61E+02	1.82E-05	3.91E-04	4.97E-03	1.45E-03	9.52E-01	1.54E-08	2.83E-08	2.06E+01	1.03E-01	1.99E-03	2.42E-02	5.93E-03	2.56E-01	2.40E+01	7.65E+00	1.76E-08	1.80E-08	1.36E-03	1.24E-04	9.75E-01	4.72E-01	2.27E+01	2.56E-05	2.14E+01	2.44E+01	1.24E+00	0.00E+00	0.00E+00	3.05E-03	2.52E-01
VZ222H	5.49E-03	9.35E-01	-4.07E-02	9.99E-01	6.61E-05	0.00E+00	4.99E+02	2.22E-05	6.52E-04	7.39E-03	2.18E-03	1.14E+00	1.09E-07	3.56E-08	2.18E+01	3.96E-01	2.94E-03	3.09E-02	7.60E-03	2.95E-01	2.84E+01	8.96E+00	4.88E-08	3.39E-08	2.05E-03	1.67E-04	1.14E+00	6.86E-01	2.69E+01	2.10E-04	2.66E+01	2.85E+01	1.31E+00	0.00E+00	0.00E+00	4.64E-03	3.27E-01
VZ222N	5.93E-03	9.29E-01	-4.01E-02	1.01E+00	9.79E-06	0.00E+00	2.68E+02	1.90E-05	6.57E-04	7.38E-03	2.20E-03	9.88E-01	2.72E-08	2.92E-08	2.18E+01	1.23E-01	2.96E-03	5.26E-02	7.70E-03	3.03E-01	2.67E+01	8.86E+00	2.18E-08	3.37E-08	2.10E-03	1.59E-04	1.08E+00	7.07E-01	2.67E+01	3.41E-05	2.65E+01	2.88E+01	1.45E+00	0.00E+00	0.00E+00	3.34E-03	3.21E-01
VZ222NA	5.93E-03	9.29E-01	-3.80E-02	1.01E+00	9.79E-06	0.00E+00	2.68E+02	1.90E-05	6.57E-04	7.38E-03	2.20E-03	9.48E-01	2.68E-08	2.92E-08	2.09E+01	1.23E-01	2.96E-03	3.28E-02	7.70E-03	3.03E-01	2.51E+01	8.86E+00	2.16E-08	3.37E-08	2.10E-03	1.59E-04	1.01E+00	7.07E-01	2.67E+01	2.57E-05	2.65E+01	2.88E+01	1.45E+00	0.00E+00	0.00E+00	3.05E-03	3.21E-01
VZ223H	6.85E-03	1.03E+00	-6.49E-02	1.12E+00	6.85E-05	0.00E+00	5.08E+02	2.59E-05	7.81E-04	8.44E-03	2.81E-03	1.15E+00	1.11E-07	3.66E-08	2.20E+01	4.72E-01	3.76E-03	3.22E-02	1.00E-02	5.38E-01	2.96E+01	9.28E+00	5.87E-08	4.20E-08	2.46E-03	2.65E-04	1.23E+00	1.17E+00	2.90E+01	2.75E-04	2.87E+01	3.22E+01	3.06E+00	0.00E+00	0.00E+00	4.80E-03	4.14E-01
VZ224N	1.01E-02	1.27E+00	-8.19E-02	1.39E+00	1.29E-05	0.00E+00	2.68E+02	2.53E-05	9.00E-04	1.05E-02	3.16E-03	7.24E-01	1.88E-08	2.90E-08	2.86E+01	2.24E-01	4.27E-03	5.69E-02	1.89E-02	5.86E-01	3.95E+01	1.18E+01	3.53E-08	5.01E-08	3.21E-03	2.89E-04	1.13E+00	1.57E+00	3.24E+01	1.02E-04	3.70E+01	4.31E+01	3.27E+00	0.00E+00	0.00E+00	3.91E-03	7.90E-01
VZ224NA	1.04E-02	2.24E+00	-8.21E-02	2.36E+00	1.29E-05	0.00E+00	2.64E+02	2.53E-05	1.59E-03	1.76E-02	3.26E-03	7.24E-01	1.82E-08	2.91E-08	2.79E+01	2.24E-01	4.42E-03	5.69E-02	1.94E-02	5.89E-01	5.70E+01	1.20E+01	4.51E-08	5.63E-08	5.40E-03	2.87E-04	1.16E+00	1.65E+00	5.30E+01	1.02E-04	6.34E+01	8.24E+01	3.34E+00	0.00E+00	0.00E+00	3.86E-03	8.15E-01
VZ225A	1.05E-02	2.24E+00	-8.62E-02	2.34E+00	1.37E-05	0.00E+00	2.68E+02	2.87E-05	1.55E-03	1.74E-02	4.41E-03	1.21E+00	2.77E-08	3.19E-08	2.99E+01	2.27E-01	6.10E-03	5.96E-02	1.94E-02	6.83E-01	5.13E+01	1.46E+01	5.25E-08	5.89E-08	5.35E-03	3.31E-04	1.29E+00	1.66E+00	5.09E+01	1.03E-04	5.63E+01	6.73E+01	4.22E+00	0.00E+00	0.00E+00	4.01E-03	8.14E-01
VZ225NA	1.04E-02	2.23E+00	-8.62E-02	2.31E+00	1.37E-05	0.00E+00	2.68E+02	2.87E-05	1.53E-03	1.73E-02	4.41E-03	1.21E+00	2.77E-08	3.19E-08	2.99E+01	2.27E-01	6.10E-03	5.93E-02	1.94E-02	6.83E-01	5.13E+01	1.44E+01	5.27E-08	5.68E-08	5.27E-03	3.23E-04	1.29E+00	1.66E+00	5.09E+01	1.03E-04	5.63E+01	6.73E+01	4.22E+00	0.00E+00	0.00E+00	4.01E-03	8.14E-01
VZ24AP2	4.09E-02	1.10E+01	-7.38E-02	1.13E+01	1.07E-05	0.00E+00	2.01E+02	5.38E-05	6.54E-03	7.16E-02	1.79E-02	4.19E-01	3.18E-08	8.94E-08	2.14E+01	2.25E-01	2.43E-02	5.94E-01	8.32E-02	9.04E-01	7.72E+02	1.28E+01	6.39E-08	2.13E-07	2.53E-02	2.85E-04	2.28E+00	2.42E+00	7.16E+02	1.40E-04	7.23E+02	7.47E+02	6.69E+00	0.00E+00	0.00E+00	6.41E-04	3.62E+00

VZ24AU	4.54E-02	1.28E+01	-8.17E-02	1.32E+01	2.76E-05	0.00E+00	1.10E+03	6.99E-05	7.06E-03	7.59E-02	2.17E-02	3.59E+00	3.96E-08	1.35E-07	2.70E+01	2.04E-01	2.94E-02	3.48E-01	9.15E-02	1.08E+00	7.25E+02	1.72E+01	1.11E-07	2.45E-07	2.72E-02	3.78E-04	2.67E+00	2.64E+00	6.98E+02	1.46E-04	7.05E+02	7.03E+02	7.84E+00	0.00E+00	0.00E+00	1.39E-02	3.95E+00
VZ24CHU	4.21E-02	1.04E+01	-4.55E-01	1.09E+01	2.56E-05	0.00E+00	1.00E+03	2.31E-05	6.51E-03	6.99E-02	2.26E-02	3.65E+00	6.43E-08	1.41E-07	2.76E+01	8.99E-02	3.06E-02	5.42E-02	9.95E-02	6.60E-01	6.54E+02	3.04E+00	7.41E-08	2.21E-07	2.45E-02	2.45E-04	1.21E+00	6.84E+00	6.57E+02	1.55E-04	6.57E+02	6.65E+02	8.05E+00	0.00E+00	0.00E+00	7.70E-03	4.27E+00
VZ24NAV	1.05E-02	3.35E+00	-6.82E-02	3.44E+00	2.21E-05	0.00E+00	1.58E+03	4.02E-05	2.48E-03	2.63E-02	7.83E-03	2.95E+00	3.63E-08	5.92E-08	3.41E+01	2.40E-01	1.06E-02	3.22E-02	1.73E-02	8.93E-01	9.43E+01	2.20E+01	7.38E-08	6.86E-08	8.30E-03	3.68E-04	4.90E-01	1.77E+00	1.05E+02	5.55E-05	1.05E+02	1.08E+02	5.25E+00	0.00E+00	0.00E+00	1.35E-02	7.44E-01
VZ24NRK	4.41E-02	1.15E+01	-1.11E-01	1.19E+01	3.44E-05	0.00E+00	7.93E+02	5.73E-05	6.63E-03	7.31E-02	1.90E-02	3.26E+00	3.74E-08	1.44E-07	2.54E+01	2.34E-01	2.57E-02	2.04E-01	8.99E-02	7.63E-01	7.38E+02	1.77E+01	1.12E-07	2.45E-07	2.54E-02	3.64E-04	2.11E+00	2.86E+00	7.14E+02	1.75E-04	7.24E+02	7.43E+02	7.16E+00	0.00E+00	0.00E+00	1.50E-02	3.86E+00
VZ24NUH	4.80E-02	1.18E+01	-1.17E-01	1.21E+01	3.18E-05	0.00E+00	2.12E+03	6.96E-05	6.67E-03	7.51E-02	2.05E-02	9.80E+00	4.58E-08	2.32E-07	4.11E+01	2.49E-01	2.77E-02	2.00E-01	9.16E-02	8.45E-01	7.15E+02	1.67E+01	1.25E-07	2.84E-07	2.60E-02	4.01E-04	2.12E+00	4.11E+00	7.09E+02	2.11E-04	7.14E+02	7.28E+02	7.24E+00	0.00E+00	0.00E+00	1.48E-02	3.96E+00
VZ309	2.30E-03	1.09E-01	-4.51E-03	1.18E-01	2.20E-05	0.00E+00	4.82E+00	1.07E-05	7.84E-05	8.13E-04	2.34E-04	1.21E+00	1.14E-07	1.31E-08	3.41E+00	9.54E-02	3.07E-04	5.27E-03	3.22E-03	1.07E-01	5.26E+00	5.23E-01	8.71E-09	1.20E-08	3.04E-04	1.95E-05	3.21E-01	8.73E-02	2.91E+00	5.19E-06	3.08E+00	2.98E+00	3.73E-01	0.00E+00	0.00E+00	9.60E-04	1.40E-01
VZ311	3.25E-03	1.18E-01	-8.68E-03	1.23E-01	2.83E-06	0.00E+00	3.19E+00	2.86E-05	9.45E-05	1.08E-03	2.48E-04	1.39E+00	1.67E-07	2.87E-08	3.17E+00	9.73E-02	3.34E-04	4.35E-03	3.26E-03	7.89E-02	4.03E+00	5.11E-01	9.23E-09	1.78E-08	3.82E-04	2.26E-05	3.33E-01	9.87E-02	3.09E+00	1.73E-05	3.06E+00	2.89E+00	3.93E-01	0.00E+00	0.00E+00	4.32E-04	1.39E-01
VZ313	3.05E-03	9.03E-02	-1.80E-03	9.21E-02	1.12E-06	0.00E+00	8.75E-01	3.89E-05	1.00E-04	1.15E-03	2.07E-04	2.03E+00	3.05E-07	4.05E-08	6.02E+00	8.75E-02	2.81E-04	5.58E-03	4.06E-03	8.08E-02	1.46E+00	1.37E-01	1.29E-08	2.02E-08	4.80E-04	1.66E-05	3.13E-01	7.38E-02	1.60E+00	2.85E-05	1.60E+00	1.98E+00	3.87E-01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
VZ331N	1.86E-02	4.89E+00	-1.55E-01	5.02E+00	4.35E-06	0.00E+00	3.18E+02	1.87E-05	3.13E-03	3.43E-02	1.13E-02	4.19E-01	3.16E-08	6.00E-08	3.14E+00	2.68E-01	1.54E-02	1.07E+00	3.84E-02	8.12E-01	1.00E+03	1.55E+01	6.28E-08	1.71E-07	1.14E-02	2.45E-04	1.32E+00	3.53E+00	1.09E+03	8.68E-05	1.05E+03	1.02E+03	5.70E+00	0.00E+00	0.00E+00	1.90E-02	1.64E+00
VZ332N	2.73E-02	8.78E+00	-3.37E-01	9.15E+00	6.44E-06	0.00E+00	6.95E+02	3.03E-05	5.29E-03	5.69E-02	1.57E-02	4.31E-01	6.07E-08	7.55E-08	5.65E+00	2.56E-01	2.13E-02	1.17E+00	4.53E-02	1.07E+00	1.10E+03	1.75E+01	7.61E-08	2.24E-07	1.84E-02	2.81E-04	2.16E+00	5.97E+00	1.18E+03	9.55E-05	1.14E+03	1.12E+03	7.69E+00	0.00E+00	0.00E+00	2.00E-02	1.97E+00
VZ333N	3.22E-02	9.77E+00	-2.61E-01	1.01E+01	6.63E-06	0.00E+00	4.56E+02	3.66E-05	5.68E-03	6.38E-02	1.84E-02	5.23E-01	5.38E-08	1.22E-07	9.13E+00	2.60E-01	2.49E-02	1.41E+00	1.16E-01	1.44E+00	1.23E+03	2.09E+01	8.96E-08	3.47E-07	2.20E-02	2.89E-04	3.53E+00	5.00E+00	1.26E+03	1.01E-04	1.24E+03	1.22E+03	8.40E+00	0.00E+00	0.00E+00	2.00E-02	4.98E+00
VZ334N	3.99E-02	1.34E+01	-1.58E-01	1.41E+01	6.91E-06	0.00E+00	4.18E+02	6.48E-05	7.15E-03	8.09E-02	2.23E-02	5.10E-01	3.42E-08	1.37E-07	9.43E+00	2.61E-01	3.02E-02	1.33E+00	1.27E-01	1.73E+00	1.12E+03	2.28E+01	9.03E-08	3.91E-07	2.93E-02	2.96E-04	3.57E+00	3.90E+00	1.15E+03	1.00E-04	1.14E+03	1.13E+03	8.34E+00	0.00E+00	0.00E+00	1.89E-02	5.50E+00
VZ335N	5.62E-02	1.59E+01	-2.84E-01	1.66E+01	7.99E-06	0.00E+00	4.67E+02	7.94E-05	1.03E-02	1.10E-01	2.68E-02	8.54E-01	5.89E-08	1.55E-07	1.11E+01	2.86E-01	3.56E-02	1.52E+00	1.70E-01	1.86E+00	1.32E+03	5.61E+01	9.53E-08	4.77E-07	3.85E-02	3.09E-04	3.66E+00	6.22E+00	1.35E+03	1.72E-04	1.36E+03	1.34E+03	1.24E+01	0.00E+00	0.00E+00	2.04E-02	7.23E+00
VZ36AP2	4.26E-02	1.51E+01	-1.48E-01	1.54E+01	1.43E-05	0.00E+00	2.19E+02	7.50E-05	6.94E-03	7.73E-02	2.19E-02	1.84E+00	3.46E-08	1.18E-07	2.17E+01	2.28E-01	2.97E-02	1.04E+00	1.20E-01	1.13E+00	9.90E+02	2.14E+01	7.13E-08	2.32E-07	2.85E-02	2.68E-04	2.48E+00	3.67E+00	1.07E+03	1.26E-04	1.05E+03	1.05E+03	7.84E+00	0.00E+00	0.00E+00	7.53E-04	5.12E+00
VZ36AU	6.06E-02	1.76E+01	-3.60E-01	1.76E+01	2.75E-05	0.00E+00	1.51E+03	7.59E-05	1.04E-02	1.15E-01	2.50E-02	7.41E+00	6.46E-08	2.29E-07	4.60E+01	2.25E-01	3.38E-02	1.05E+00	1.36E-01	1.38E+00	1.09E+03	4.42E+01	1.38E-07	3.34E-07	3.87E-02	3.60E-04	2.27E+00	6.88E+00	1.18E+03	1.67E-04	1.16E+03	1.15E+03	1.18E+01	0.00E+00	0.00E+00	1.35E-02	5.79E+00
VZ36CAV	2.07E-02	3.97E+00	-4.98E-01	4.47E+00	1.58E-05	0.00E+00	8.35E+02	3.72E-05	3.13E-03	3.24E-02	1.02E-02	3.65E+00	6.38E-08	9.15E-08	3.95E+01	1.05E-01	1.38E-02	5.72E-02	3.11E-02	6.92E-01	1.68E+02	1.76E+01	7.65E-08	1.14E-07	1.07E-02	3.00E-04	-1.52E-01	6.60E+00	1.86E+02	4.00E-05	1.86E+02	1.92E+02	6.44E+00	0.00E+00	0.00E+00	7.70E-03	1.33E+00
VZ36CHU	7.40E-02	1.99E+01	-5.38E-01	2.05E+01	2.56E-05	0.00E+00	1.02E+03	4.51E-05	1.19E-02	1.28E-01	2.60E-02	3.67E+00	7.47E-08	2.06E-07	4.05E+01	1.37E-01	3.52E-02	1.32E+00	1.78E-01	8.65E-01	1.26E+03	1.90E+01	1.05E-07	3.78E-07	4.57E-02	3.48E-04	9.72E-01	7.95E+00	1.28E+03	2.16E-04	1.28E+03	1.29E+03	8.92E+00	0.00E+00	0.00E+00	7.70E-03	7.65E+00
VZ36MME	9.70E-03	2.35E+00	-8.86E-02	2.51E+00	2.40E-04	0.00E+00	9.80E+02	3.34E-05	1.75E-03	1.91E-02	5.76E-03	1.36E+00	1.63E-07	3.20E-08	1.07E+01	6.30E-01	7.80E-03	2.78E-02	1.63E-02	7.71E-01	5.05E+01	1.84E+01	1.39E-07	6.67E-08	5.85E-03	3.42E-04	1.62E+00	2.43E+00	5.82E+01	5.12E-05	5.86E+01	6.29E+01	4.37E+00	0.00E+00	0.00E+00	1.44E-02	7.01E-01
VZ36MMK	9.70E-03	2.35E+00	-8.87E-02	2.51E+00	2.40E-04	0.00E+00	9.73E+02	3.34E-05	1.75E-03	1.91E-02	5.76E-03	1.30E+00	1.63E-07	3.20E-08	1.06E+01	6.29E-01	7.80E-03	2.78E-02	1.63E-02	7.71E-01	5.05E+01	1.84E+01	1.39E-07	6.67E-08	5.85E-03	3.45E-04	1.62E+00	2.43E+00	5.82E+01	5.12E-05	5.86E+01	6.29E+01	4.37E+00	0.00E+00	0.00E+00	1.44E-02	7.01E-01
VZ36NAV	2.74E-02	5.56E+00	-1.42E-01	5.93E+00	2.55E-05	0.00E+00	1.74E+03	5.76E-05	3.99E-03	4.26E-02	1.27E-02	8.70E+00	4.41E-08	1.57E-07	4.57E+01	2.63E-01	1.73E-02	5.18E-02	4.08E-02	9.05E-01	1.55E+02	3.21E+01	1.14E-07	1.64E-07	1.38E-02	3.69E-04	3.17E-01	3.33E+00	1.90E+02	7.64E-05	1.90E+02	2.03E+02	5.81E+00	0.00E+00	0.00E+00	1.34E-02	1.76E+00
VZ36NRK	5.41E-02	1.92E+01	-1.09E-01	1.92E+01	2.17E-04	0.00E+00	7.99E+02	7.83E-05	8.26E-03	9.36E-02	2.40E-02	4.59E+00	7.01E-08	1.95E-07	3.73E+01	7.18E-01	3.25E-02	1.65E+00	1.57E-01	1.18E+00	1.50E+03	4.00E+01	7.78E-07	3.84E-07	3.61E-02	5.13E-04	2.78E+00	4.34E+00	1.58E+03	2.86E-04	1.63E+03	1.65E+03	8.37E+00	0.00E+00	0.00E+00	1.53E-02	6.86E+00
VZ36NUH	5.64E-02	1.81E+01	-1.10E-01	1.81E+01	2.88E-05	0.00E+00	2.35E+03	7.83E-05	8.04E-03	9.22E-02	2.25E-02	1.14E+01	4.47E-08	2.98E-07	5.08E+01	2.63E-01	3.05E-02	1.14E+00	1.38E-01	1.06E+00	1.11E+03	2.00E+01	1.37E-07	3.28E-07	3.58E-02	4.31E-04	2.22E+00	4.13E+00	1.18E+03	2.09E-04	1.19E+03	1.19E+03	7.73E+00	0.00E+00	0.00E+00	1.43E-02	6.05E+00
VZ406	2.14E-03	2.45E-01	-1.36E-02	2.53E-01	2.42E-06	0.00E+00	1.52E+01	7.72E-06	1.68E-04	1.81E-03	5.97E-04	1.21E+00	1.56E-08	1.22E-08	2.33E+00	7.87E-02	8.38E-04	1.45E-03	2.72E-03	1.01E-01	7.10E+00	1.84E+00	1.02E-08	1.24E-08	5.71E-04	3.40E-05	3.17E-01	3.50E-01	6.89E+00	8.86E-06	7.02E+00	7.83E+00	6.29E-01	0.00E+00	0.00E+00	6.11E-04	1.17E-01
VZ408	3.04E-03	2.58E-01	-1.23E-02	2.90E-01	2.63E-06	0.00E+00	1.02E+01	8.61E-06	2.01E-04	2.23E-03	9.47E-04	5.80E-01	1.11E-08	9.49E-09	1.98E+00	8.98E-02	1.28E-03	1.08E-02	3.62E-03	1.72E-01	1.23E+01	3.39E+00	1.15E-08	1.61E-08	6.53E-04	3.70E-05	6.70E-01	2.00E-01	6.78E+00	1.59E-05	7.16E+00	7.59E+00	9.94E-01	0.00E+00	0.00E+00	9.05E-03	1.53E-01
VZ411N	2.44E-03	2.54E-01	-1.16E-02	2.70E-01	1.07E-06	0.00E+00	7.93E+00	5.29E-06	1.87E-04	1.90E-03	6.41E-04	2.22E-01	8.81E-09	4.78E-09	1.59E+00	7.70E-02	8.63E-04	9.99E-03	2.32E-03	1.39E-01	8.16E+00	2.18E+00	1.37E-08	1.58E-08	6.41E-04	3.69E-05	3.62E-01	1.58E-01	6.77E+00	4.49E-06	6.76E+00	7.50E+00	6.47E-01	0.00E+00	0.00E+00	5.51E-04	1.01E-01
VZ418	2.79E-03	1.17E-01	-1.10E-02	1.27E-01	8.01E-06	0.00E+00	5.63E+02	1.28E-05	8.74E-05	9.48E-04	2.62E-04	1.20E+00	5.53E-08	1.32E-08	3.21E+00	7.94E-02	3.54E-04	5.28E-03	3.14E-03	1.15E-01	7.86E+00	1.26E+00	1.67E-08	1.60E-08	3.44E-04	4.80E-05	3.33E-01	1.04E-01	3.26E+00	1.87E-04	3.35E+00	3.45E+00	4.22E-01	0.00E+00	0.00E+00	1.16E-03	1.36E-01
VZ451N	8.70E-03	2.14E+00	-1.22E-01	2.32E+00	2.29E-07	0.00E+00	2.93E+01	9.06E-06	1.63E-03	1.72E-02	5.26E-03	6.63E-02	2.54E-08	1.38E-08	1.84E+00	1.83E-01	7.17E-03	2.82E-02	1.47E-02	6.69E-01	6.49E+01	1.58E+01	6.49E-08	6.94E-08	5.17E-03	2.95E-04	7.89E-01	2.41E+00	5.78E+01	1.58E-05	4.87E+01	6.54E+01	4.08E+00	0.00E+00	0.00E+00	9.03E-03	6.24E-01
VZ452N	1.61E-02	3.35E+00	-2.07E-01	3.43E+00	1.18E-06	0.00E+00	3.51E+01	2.52E-05	2.42E-03	2.81E-02	9.36E-03	3.23E-01	3.38E-08	4.15E-08	2.19E+00	1.82E-01	1.27E-02	4.56E-02	2.49E-02	7.77E-01	8.62E+01	2.42E+01	6.61E-08	1.33E-07	8.82E-03	2.61E-04	1.27E+00	3.47E+00	9.09E+01	3.43E-05	8.49E+01	1.05E+02	5.09E+00	0.00E+00	0.00E+00	1.62E-02	1.06E+00
VZ453N	1.90E-02	4.59E+00	-2.64E-01	4.93E+00	2.75E-06	0.00E+00	7.21E+01	2.76E-05	3.60E-03	3.89E-02	1.27E-02	3.25E-01	4.14E-08	4.55E-08	2.49E+00	2.00E-01	1.72E-02	4.82E-02	3.35E-02	7.84E-01	1.06E+02	3.96E+01	5.54E-08	1.36E-07	1.25E-02	2.35E-04	1.43E+00	4.47E+00	1.24E+02	4.17E-05	1.12E+02	1.35E+02	6.07E+00	0.00E+00	0.00E+00	1.99E-02	1.45E+00
VZ454N	4.12E-02	6.89E+00	-3.35E-01	7.10E+00	2.97E-06	0.00E+00	1.31E+02	5.20E-05	5.00E-03	5.22E-02	1.64E-02	3.52E-01	5.73E-08	7.83E-08	4.90E+00	2.01E-01	2.22E-02	6.07E-02	4.95E-02	9.35E-01	1.33E+02	4.54E+01	7.24E-08	1.72E-07	1.68E-02	2.35E-04	2.74E+00	5.47E+00	1.79E+02	4.82E-05	1.60E+02	1.86E+02	7.66E+00	0.00E+00	0.00E+00	1.99E-02	2.13E+00
VZ455M	4.39E-02	8.01E+00	-4.93E-01	8.38E+00	3.26E-06	0.00E+00	7.74E+01	4.42E-05	5.78E-03	6.24E-02	1.95E-02	3.05E-01	7.12E-08	8.43E-08	5.75E+00	1.93E-01	2.65E-02	7.62E-02	7.17E-02	1.13E+00	1.44E+02	4.83E+01	7.74E-08	2.01E-07	2.06E-02	2.52E-04	3.09E+00	7.19E+00	1.86E+02	4.69E-05	1.71E+02	2.00E+02	9.05E+00	0.00E+00	0.00E+00	1.99E-02	3.11E+00
VZ461	2.42E-03	4.99E-01	-2.41E-02	5.52E-01	1.55E-06	0.00E+00	1.58E+03	2.34E-05	3.89E-04	4.22E-03	1.33E-03	1.94E+00	1.08E-08	3.64E-08	3.84E+00	9.49E-02	1.84E-03	2.40E-03	3.65E-03	1.25E-01	8.89E+00	6.05E+00	1.86E-08	1.63E-08	1.24E-03	5.36E-05	6.19E-01	4.17E-01	1.20E+01	4.00E-05	1.24E+01	1.33E+01	7.45E-01	0.00E+00	0.00E+00	2.76E-02	1.58E-01
VZ462	2.57E-03	6.42E-01	-2.80E-02	6.88E-01	1.47E-06	0.00E+00	1.68E+03	2.66E-05	4.76E-04	5.44E-03	1.51E-03	2.61E+00	1.19E-08	4.15E-08	4.57E+00	1.16E-01	2.08E-03	3.44E-03	4.62E-03	1.58E-01	1.25E+01	7.41E+00	2.21E-08	1.78E-08	1.63E-03	9.79E-05	6.36E-01	5.79E-01	1.81E+01	5.47E-05	1.84E+01	1.91E+01	9.27E-01	0.00E+00	0.00E+00	2.82E-02	1.98E-01
VZ463	2.93E-03	8.12E-01	-3.26E-02	8.46E-01	6.68E-06	0.00E+00	1.69E+03	3.94E-05	5.63E-04	6.25E-03	1.70E-03	2.82E+00	1.21E-08	4.45E-08	9.23E+00	1.30E-01	2.35E-03	5.98E-03	5.83E-03	1.80E-01	2.44E+01	8.55E+00	1.80E-08	2.40E-08	1.93E-03	1.22E-04	6.61E-01	4.57E-01	2.11E+01	5.49E-05	2.12E+01	2.16E+01	8.03E-01	0.00E+00	0.00E+00	3.57E-02	2.45E-01
VZ473	6.36E-03	2.13E+00	-4.51E-02	2.10E+00	5.78E-06	0.00E+00	3.24E+01	2.56E-05	1.70E-03	1.68E-02	6.67E-03	2.03E-01	7.86E-08	1.73E-08	2.33E+00	3.27E-01	9.03E-03	1.43E-02	2.65E-02	1.01E+00	4.59E+01	1.68E+01	5.33E-07	1.07E-07	5.44E-03	5.00E-04	7.64E-01	2.35E+00	7.53E+01	2.10E-05	6.74E+01	7.27E+01	4.56E+00	0.00E+00	0.00E+00	7.17E-04	1.15E+00
VZ48AU	7.02E-02	1.86E+01	-9.30E-02	1.85E+01	3.18E-05	0.00E+00	1.72E+03	8.49E-05	1.10E-02	1.22E-01	3.23E-02	7.84E+00	4.19E-08	2.82E-07	4.74E+01	2.39E-01	4.38E-02	1.17E+00	1.43E-01	1.38E+00	1.06E+03	4.90E+01	1.41E-07	3.60E-07	4.28E-02	4.48E-04	2.77E+00	3.28E+00	1.16E+03	1.69E-04	1.14E+03	1.14E+03	1.11E+01	0.00E+00	0.00E+00	1.58E-02	6.18E+00
VZ48CAV	2.73E-02	5.21E+00	-5.61E-01	5.77E+00	2.03E-05	0.00E+00	9.66E+02	5.66E-05	3.96E-03	4.11E-02	1.29E-02	5.36E+00	7.39E-08	1.31E-07	4.33E+01	1.67E-01	1.74E-02	8.24E-02	4.15E-02	8.27E-01	2.25E+02	2.21E+01	9.72E-08	1.50E-07	1.38E-02	3.61E-04	-1.09E-01	7.60E+00	2.47E+02	5.93E-05	2.47E+02	2.55E+02	7.49E+00	0.00E+00	0.00E+00	1.54E-02	1.78E+00
VZ48CHU	9.00E-02	2.40E+01	-6.56E-01	2.46E+01	3.01E-05	0.00E+00	1.16E+03	6.61E-05	1.43E-02	1.54E-01	3.12E-02	5.38E+00	9.22E-08	2.65E-07	4.54E+01	1.99E-01	4.22E-02	1.60E+00	2.15E-01	1.05E+00	1.51E+03	2.35E+01	1.32E-07	4.61E-07	5.51E-02	4.25E-04	9.64E-01	9.78E+00	1.54E+03	2.65E-04	1.54E+03	1.55E+03	1.07E+01	0.00E+00	0.00E+00	1.54E-02	9.22E+00
VZ48MME	1.01E-02	2.51E+00	-8.89E-02	2.65E+00	2.40E-04	0.00E+00	9.74E+02	3.42E-05	1.87E-03	2.01E-02	6.68E-03	1.41E+00	1.63E-07	3.53E-08	1.07E+01	6.29E-01	9.07E-03	3.00E-02	1.66E-02	8.17E-01	6.15E+01	1.87E+01	1.45E-07	7.40E-08	6.42E-03	3.49E-04	1.67E+00	2.47E+00	7.38E+01	5.12E-05	7.06E+01	7.63E+01	4.53E+00	0.00E+00	0.00E+00	1.44E-02	7.12E-01
VZ48MMK	1.01E-02	2.47E+00	-8.90E-02	2.65E+00	2.40E-04	0.00E+00	9.75E+02	3.45E-05	1.85E-03	1.99E-02	6.69E-03	1.34E+00	1.63E-07	3.52E-08	1.06E+01	6.29E-01	9.08E-03	3.11E-02	1.66E-02	8.03E-01	6.06E+01	1.87E+01	1.46E-07	7.21E-08	6.23E-03	3.52E-04	1.63E+00	2.47E+00	7.33E+01	5.12E-05	6.97E+01	7.47E+01	4.47E+00	0.00E+00	0.00E+00	1.44E-02	7.12E-01
VZ48NAV	2.82E-02	5.47E+00	-1.50E-01	6.01E+00	2.93E-05	0.00E+00	2.09E+03	6.48E-05	4.01E-03	4.25E-02	1.34E-02	1.07E+01	4.62E-08	1.68E-07	4.78E+01	2.64E-01	1.81E-02	5.37E-02	4.18E-02	9.94E-01	1.73E+02	3.23E+01	1.21E-07	1.65E-07	1.40E-02	4.12E-04	3.07E-01	3.33E+00	2.05E+02	8.25E-05	2.04E+02	2.19E+02	5.92E+00	0.00E+00	0.00E+00	1.37E-02	1.80E+00
VZ48NRK	8.37E-02	2.33E+01	-6.28E-01	2.35E+01	2.17E-04	0.00E+00	9.79E+02	1.13E-04	1.33E-02	1.42E-01	3.23E-02	6.31E+00	1.60E-07	2.90E-07	4.25E+01	1.00E+00	4.37E-02	1.85E+00	1.86E-01	1.38E+00	1.59E+03	7.21E+01	7.74E-07	4.43E-07	4.91E-02	4.95E-04	1.89E+00	1.23E+01	1.67E+03	2.96E-04	1.69E+03	1.73E+03	1.24E+01	0.00E+00	0.00E+00	1.51E-02	8.12E+00
VZ48NUH	8.28E-02	2.24E+01	-2.98E-01	2.24E+01	3.21E-05	0.00E+00	2.42E+03	9.09E-05	1.30E-02	1.39E-01	3.23E-02	1.37E+01	6.10E-08	3.99E-07	5.62E+01	2.78E-01	4.37E-02	1.28E+00	1.66E-01	1.20E+00	1.26E+03	3.91E+01	1.57E-07	4.33E-07	4.77E-02	4.17E-04	2.49E+00	5.69E+00	1.31E+03	2.17E-04	1.32E+03	1.32E+03	9.91E+00	0.00E+00	0.00E+00	1.63E-02	7.17E+00
VZ510N	3.73E-03	1.55E-01	-1.78E-02	1.58E-01	1.16E-05	0.00E+00	3.72E+01	1.47E-05	1.33E-04	1.35E-03	3.90E-04	1.22E+00	4.02E-08	1.42E-08	3.91E+00	9.01E-02	4.69E-04	7.84E-03	3.99E-03	2.18E-01	1.43E+01	2.18E+00	1.15E-08	1.45E-08	4.16E-04	6.06E-05	6.79E-01	2.27E-01	5.84E+00	6.63E-06	5.72E+00	5.92E+00	7.88E-01	0.00E+00	0.00E+00	2.01E-05	1.73E-01
VZ511N	3.60E-03	1.55E-01	-1.63E-02	1.58E-01	5.03E-06	0.00E+00	2.41E+01	1.45E-05	1.33E-04	1.35E-03	3.90E-04	1.21E+00	4.01E-08	1.41E-08	3.80E+00	8.83E-02	4.69E-04	7.18E-03	3.71E-03	1.83E-01	1.41E+01	2.18E+00	9.75E-09	1.41E-08	4.16E-04	6.06E-05	6.58E-01	1.57E-01	5.84E+00	6.53E-06	5.68E+00	5.88E+00	7.95E-01	0.00E+00	0.00E+00	2.01E-05	1.62E-01
VZ512N	3.74E-03	1.62E-01	-1.90E-02	1.66E-01	4.77E-06	0.00E+00	7.45E+01	1.43E-05	1.44E-04	1.50E-03	3.92E-04	9.53E-01	4.02E-08	1.31E-08	3.95E+00	9.01E-02	4.71E-04	1.09E-02	3.94E-03	2.11E-01	1.43E+01	2.17E+00	1.63E-08	1.45E-08	4.67E-04	6.03E-05	6.59E-01	3.63E-01	8.22E+00	6.12E-06	6.52E+00	8.89E+00	7.96E-01	0.00E+00	0.00E+00	4.11E-03	1.70E-01
VZ513N	3.74E-03	1.71E-01	-1.90E-02	1.74E-01	4.77E-06	0.00E+00	8.41E+01	1.34E-05	1.45E-04	1.51E-03	4.10E-04	7.17E-01	1.17E-08	1.17E-08	3.90E+00	9.01E-02	5.05E-04	1.07E-02	3.94E-03	2.27E-01	1.43E+01	2.28E+00	1.63E-08	1.45E-08	4.68E-04	6.30E-05	6.59E-01	3.66E-01	8.58E+00	5.63E-06	6.85E+00	9.28E+00	8.68E-01	0.00E+00	0.00E+00	4.11E-03	1.70E-01
VZ514N	3.75E-03	1.82E-01	-1.90E-02	1.84E-01	1.09E-05	0.00E+00	8.41E+01	1.34E-05	1.47E-04	1.55E-03	4.47E-04	7.17E-01	1.17E-08	1.17E-08	3.88E+00	9.01E-02	5.53E-04	1.07E-02	3.94E-03	2.30E-01	1.44E+01	2.35E+00	1.63E-08	1.45E-08	4.77E-04	6.51E-05	6.59E-01	3.66E-01	8.64E+00	5.63E-06	7.00E+00	9.49E+00	9.18E-01	0.00E+00	0.00E+00	4.11E-03	1.69E-01
VZ515N	3.75E-03	2.09E-01	-2.32E-02	2.04E-01	3.37E-04	0.00E+00	2.71E+02	1.47E-05	1.74E-04	1.75E-03	4.63E-04	7.80E-01	1.39E-08	2.35E-08	1.37E+01	4.99E-01	5.79E-04	1.49E-01	4.02E-03	2.61E-01	4.96E+01	2.45E+00	1.55E-08	1.53E-08	5.12E-04	6.65E-05	9.25E-01	3.69E-01	3.22E+01	6.56E-05	2.76E+01	2.68E+01	1.02E+00	0.00E+00	0.00E+00	3.03E-03	1.73E-01
VZ523	2.30E-03	5.39E-01	-1.76E-02	5.62E-01	2.48E-05	0.00E+00	3.18E+00	1.09E-04	3.77E-04	4.81E-03	1.46E-03	1.22E+00	9.03E-07	2.73E-08	4.94E+00	5.01E-01	2.05E-03	6.05E-03	5.01E-03	2.05E-01	1.21E+01	7.18E+00	2.14E-08	2.28E-08	1.31E-03	1.11E-04	7.17E-01	3.08E-01	1.88E+01	8.00E-05	1.91E+01	1.98E+01	1.10E+00	0.00E+00	0.00E+00	3.03E-02	2.15E-01
VZ551N	1.43E-03	2.45E-01	-1.30E-02	2.53E-01	2.42E-06	0.00E+00	5.49E+00	7.72E-06	1.68E-04	1.81E-03	5.97E-04	1.19E+00	1.56E-08	1.22E-08	2.33E+00	7.87E-02	8.38E-04	1.45E-03	2.67E-03	1.01E-01	7.10E+00	1.84E+00	1.02E-08	1.24E-08	5.71E-04	3.40E-05	3.17E-01	3.50E-01	6.89E+00	8.86E-06	7.02E+00	7.83E+00	6.29E-01	0.00E+00	0.00E+00	6.11E-04	1.14E-01
VZ552N	2.20E-03	6.90E-01	-2.27E-02	7.22E-01	3.25E-07	0.00E+00	6.02E+00	3.58E-06	4.81E-04	5.52E-03	1.55E-03	7.68E-01	5.63E-09	7.71E-09	2.25E+00	8.04E-02	2.16E-03	3.29E-03	4.91E-03	1.67E-01	1.12E+01	7.63E+00	8.77E-09	1.72E-08	1.67E-03	1.04E-04	3.24E-01	5.81E-01	1.81E+01	6.46E-06	1.88E+01	1.94E+01	7.73E-01	0.00E+00	0.00E+00	6.37E-04	2.10E-01
VZ553N	4.43E-03	1.12E+00	-5.02E-02	1.30E+00	3.14E-07	0.00E+00	7.93E+00	5.20E-06	9.18E-04	9.03E-03	3.19E-03	7.62E-01	1.47E-08	1.15E-08	2.30E+00	1.70E-01	4.32E-03	5.50E-03	7.15E-03	4.99E-01	1.64E+01	9.21E+00	2.21E-08	3.18E-08	2.80E-03	2.33E-04	3.28E-01	1.39E+00	2.64E+01	5.49E-06	2.65E+01	2.82E+01	2.58E+00	0.00E+00	0.00E+00	6.37E-04	2.89E-01
VZ554N	8.02E-03	1.95E+00	-4.97E-02	2.07E+00	4.99E-07	0.00E+00	9.99E+00	6.95E-06	1.50E-03	1.53E-02	3.97E-03	7.62E-01	1.62E-08	1.33E-08	2.43E+00	1.89E-01	5.45E-03	6.57E-03	1.20E-02	5.56E-01	3.42E+01	1.16E+01	2.88E-08	3.96E-08	4.77E-03	2.86E-04	3.60E-01	1.61E+00	4.22E+01	5.56E-06	4.91E+01	6.99E+01	3.26E+00	0.00E+00	0.00E+00	6.37E-04	5.07E-01
VZ555N	8.10E-03	2.24E+00	-6.73E-02	2.35E+00	5.38E-07	0.00E+00	1.28E+01	9.60E-06	1.73E-03	1.80E-02	5.67E-03	8.29E-01	2.30E-08	1.80E-08	2.57E+00	1.91E-01	7.72E-03	1.19E-02	1.23E-02	7.21E-01	2.53E+01	1.65E+01	4.57E-08	6.27E-08	5.64E-03	3.18E-04	6.61E-01	1.86E+00	3.89E+01	5.56E-06	4.23E+01	4.81E+01	4.38E+00	0.00E+00	0.00E+00	6.37E-04	5.22E-01
VZ602	3.29E-03	2.73E-01	-1.41E-02	2.94E-01	7.92E-06	0.00E+00	4.66E+02	1.44E-05	2.00E-04	2.14E-03	9.23E-04	7.46E-01	6.76E-08	1.22E-08	2.31E+00	8.26E-02	1.26E-03	5.58E-03	3.36E-03	1.55E-01	8.31E+00	2.97E+00	3.22E-08	1.81E-08	6.77E-04	6.49E-05	5.19E-01	2.03E-01	7.16E+00	2.98E-04	7.10E+00	8.08E+00	7.42E-01	0.00E+00	0.00E+00	2.23E-03	1.45E-01
VZ602N	2.10E-03	4.09E-01	-2.49E-02	4.55E-01	4.82E-06	0.00E+00	5.94E+00	2.09E-05	3.41E-04	3.57E-03	1.16E-03	6.24E-02	2.64E-08	2.86E-09	1.81E+00	2.49E-01	1.60E-03	1.87E-03	1.69E-02	1.08E-01	4.69E+00	4.14E+00	5.03E-07	6.44E-08	1.09E-03	2.76E-05	3.95E-01	1.32E+00	1.05E+01	4.30E-05	1.05E+01	1.06E+01	7.56E-01	0.00E+00	0.00E+00	7.46E-03	7.40E-01
VZ603N	2.42E-03	6.31E-01	-4.37E-02	6.83E-01	4.60E-06	0.00E+00	7.41E+00	2.15E-05	4.60E-04	5.15E-03	1.71E-03	6.96E-02	2.88E-08	3.19E-09	1.94E+00	2.65E-01	2.36E-03	3.59E-03	1.95E-02	1.55E-01	8.66E+00	7.54E+00	5.04E-07	6.69E-08	1.59E-03	9.46E-05	4.20E-01	1.58E+00	1.69E+01	1.32E-04	1.74E+01	1.70E+01	1.10E+00	0.00E+00	0.00E+00	2.48E-02	8.51E-01
VZ604N	4.28E-03	9.89E-01	-5.42E-02	1.03E+00	8.25E-06	0.00E+00	1.03E+01	3.04E-05	7.07E-04	7.47E-03	2.37E-03	4.65E-01	5.10E-08	6.46E-09	2.18E+00	3.42E-01	3.18E-03	5.33E-03	2.20E-02	2.55E-01	1.31E+01	1.23E+01	5.12E-07	7.90E-08	2.34E-03	1.57E-04	4.78E-01	1.65E+00	2.40E+01	1.75E-03	2.51E+01	2.63E+01	1.37E+00	0.00E+00	0.00E+00	3.03E-02	9.49E-01
VZ605N	4.98E-03	1.06E+00	-8.08E-02	1.11E+00	9.73E-06	0.00E+00	1.17E+01	3.39E-05	7.90E-04	8.19E-03	3.08E-03	2.18E+00	5.85E-08	1.04E-08	2.53E+00	3.92E-01	4.20E-03	6.40E-03	2.47E-02	4.70E-01	1.50E+01	1.61E+01	5.17E-07	9.93E-08	2.65E-03	3.22E-04	4.78E-01	2.31E+00	2.91E+01	2.40E-03	2.83E+01	2.99E+01	2.85E+00	0.00E+00	0.00E+00	2.63E-02	1.07E+00
VZ606N	7.05E-03	2.01E+00	-1.33E-01	2.05E+00	4.87E-06	0.00E+00	1.46E+01	2.64E-05	1.56E-03	1.62E-02	5.64E-03	1.81E+00	5.24E-08	1.52E-08	2.28E+00	4.87E-01	7.66E-03	1.18E-02	2.91E-02	1.00E+00	2.29E+01	2.18E+01	5.32E-07	1.22E-07	5.32E-03	5.49E-04	8.38E-01	2.68E+00	3.96E+01	4.11E-03	4.27E+01	4.48E+01	4.00E+00	0.00E+00	0.00E+00	7.45E-02	1.28E+00
VZ607N	4.24E-03	9.84E-01	-5.68E-02	1.02E+00	5.02E-06	0.00E+00	9.49E+00	2.46E-05	6.97E-04	7.38E-03	2.41E-03	1.61E-01	4.50E-08	6.53E-09	2.15E+00	3.18E-01	3.22E-03	5.45E-03	2.21E-02	2.56E-01	1.29E+01	1.22E+01	5.13E-07	7.71E-08	2.31E-03	1.55E-04	4.70E-01	1.66E+00	2.36E+01	1.72E-03	2.49E+01	2.63E+01	1.39E+00	0.00E+00	0.00E+00	1.96E-02	9.49E-01
VZ609N	7.28E-03	1.99E+00	-2.31E-01	2.09E+00	4.82E-06	0.00E+00	1.61E+01	2.94E-05	1.58E-03	1.66E-02	6.76E-03	1.45E+00	6.52E-08	1.58E-08	2.31E+00	4.91E-01	9.17E-03	1.44E-02	2.93E-02	1.04E+00	2.98E+01	2.20E+01	5.34E-07	1.24E-07	5.24E-03	6.05E-04	8.42E-01	4.42E+00	4.86E+01	3.84E-03	4.82E+01	4.95E+01	4.02E+00	0.00E+00	0.00E+00	6.71E-02	1.30E+00
VZ60AU	8.24E-02	2.39E+01	-8.96E-02	2.44E+01	3.67E-05	0.00E+00	1.92E+03	9.42E-05	1.43E-02	1.76E-01	3.93E-02	8.63E+00	3.61E-08	3.21E-07	5.51E+01	2.54E-01	5.32E-02	1.06E+00	1.59E-01	1.36E+00	1.11E+03	6.20E+01	1.47E-07	4.19E-07	5.35E-02	5.22E-04	3.07E+00	3.56E+00	1.16E+03	1.59E-04	1.16E+03	1.17E+03	9.21E+00	0.00E+00	0.00E+00	1.59E-02	7.09E+00
VZ60CAV	2.91E-02	7.05E+00	-8.54E-02	7.19E+00	3.29E-05	0.00E+00	1.32E+03	6.13E-05	4.94E-03	5.39E-02	1.39E-02	7.88E+00	3.74E-08	1.53E-07	4.82E+01	2.49E-01	1.89E-02	5.76E-02	4.31E-02	1.30E+00	1.77E+02	4.26E+01	1.20E-07	1.71E-07	1.63E-02	4.42E-04	1.91E+00	2.17E+00	2.09E+02	7.32E-05	2.11E+02	2.26E+02	6.44E+00	0.00E+00	0.00E+00	1.44E-02	1.86E+00
VZ60CHU	8.21E-02	2.40E+01	-2.13E-01	2.42E+01	3.45E-05	0.00E+00	1.84E+03	8.06E-05	1.26E-02	1.37E-01	3.53E-02	9.79E+00	4.48E-08	3.51E-07	6.84E+01	2.47E-01	4.78E-02	1.30E+00	1.73E-01	1.07E+00	1.29E+03	2.92E+01	1.64E-07	4.24E-07	5.11E-02	4.18E-04	2.76E+00	4.32E+00	1.32E+03	1.09E-04	1.32E+03	1.33E+03	7.07E+00	0.00E+00	0.00E+00	2.31E-02	7.44E+00
VZ60MME	1.08E-02	3.15E+00	-8.89E-02	3.32E+00	2.40E-04	0.00E+00	9.75E+02	3.59E-05	2.47E-03	2.57E-02	7.46E-03	1.41E+00	1.62E-07	3.99E-08	1.13E+01	6.31E-01	1.01E-02	3.49E-02	1.86E-02	8.41E-01	7.69E+01	2.32E+01	1.50E-07	7.45E-08	7.98E-03	3.49E-04	1.68E+00	2.49E+00	8.87E+01	5.21E-05	9.09E+01	9.73E+01	4.70E+00	0.00E+00	0.00E+00	1.44E-02	8.00E-01
VZ60MMK	1.08E-02	3.17E+00	-8.90E-02	3.36E+00	2.40E-04	0.00E+00	9.68E+02	3.59E-05	2.47E-03	2.57E-02	7.53E-03	1.35E+00	1.69E-07	4.03E-08	1.12E+01	6.31E-01	1.02E-02	3.51E-02	1.87E-02	8.41E-01	7.69E+01	2.32E+01	1.50E-07	7.71E-08	8.06E-03	3.52E-04	1.71E+00	2.49E+00	8.87E+01	5.21E-05	9.09E+01	9.73E+01	4.70E+00	0.00E+00	0.00E+00	1.44E-02	8.04E-01
VZ60NAV	3.50E-02	7.47E+00	-4.73E-01	8.00E+00	3.16E-05	0.00E+00	1.85E+03	6.67E-05	5.26E-03	5.70E-02	1.75E-02	8.79E+00	7.13E-08	2.22E-07	5.11E+01	2.60E-01	2.37E-02	9.43E-02	6.90E-02	1.74E+00	1.87E+02	4.23E+01	1.34E-07	2.55E-07	1.94E-02	4.28E-04	2.57E+00	6.96E+00	2.37E+02	8.35E-05	2.36E+02	2.43E+02	8.09E+00	0.00E+00	0.00E+00	1.66E-02	2.98E+00
VZ60NUH	9.35E-02	2.56E+01	-1.25E-01	2.62E+01	3.64E-05	0.00E+00	2.59E+03	1.24E-04	1.42E-02	1.53E-01	3.77E-02	1.11E+01	4.94E-08	3.74E-07	5.93E+01	2.96E-01	5.11E-02	1.32E+00	1.66E-01	1.28E+00	1.33E+03	6.62E+01	1.65E-07	4.60E-07	5.43E-02	5.28E-04	2.86E+00	5.18E+00	1.42E+03	2.19E-04	1.40E+03	1.39E+03	9.73E+00	0.00E+00	0.00E+00	1.95E-02	7.21E+00
VZ610N	7.74E-03	2.16E+00	-8.01E-02	2.20E+00	8.68E-06	0.00E+00	3.80E+01	3.79E-05	1.73E-03	1.77E-02	6.97E-03	3.07E+00	7.55E-08	2.22E-08	2.93E+00	6.93E-01	9.54E-03	1.74E-02	3.14E-02	1.20E+00	3.78E+01	2.46E+01	5.73E-07	1.30E-07	5.82E-03	6.48E-04	1.15E+00	2.38E+00	6.02E+01	5.37E-03	6.10E+01	6.46E+01	4.16E+00	0.00E+00	0.00E+00	7.48E-02	1.37E+00
VZ621N	1.91E-03	3.93E-01	-1.29E-02	4.31E-01	1.32E-04	0.00E+00	5.72E+00	2.25E-05	3.08E-04	3.19E-03	8.90E-04	5.48E-02	2.88E-08	3.09E-09	1.72E+00	5.62E-01	1.23E-03	1.76E-03	1.65E-02	1.50E-01	5.49E+00	3.10E+00	5.00E-07	6.15E-08	9.69E-04	5.67E-05	1.26E+00	1.14E+00	1.01E+01	3.80E-05	1.01E+01	1.04E+01	7.77E-01	0.00E+00	0.00E+00	3.51E-03	7.23E-01
VZ624N	4.06E-03	9.28E-01	-4.08E-02	1.02E+00	4.88E-04	0.00E+00	1.96E+01	3.00E-05	7.11E-04	7.12E-03	2.54E-03	2.78E-01	3.38E-08	8.30E-09	2.08E+00	1.54E+00	3.36E-03	5.28E-03	2.06E-02	4.73E-01	1.41E+01	8.90E+00	5.07E-07	7.56E-08	2.25E-03	4.86E-04	1.91E+00	1.78E+00	2.25E+01	3.84E-05	2.32E+01	2.39E+01	1.68E+00	0.00E+00	0.00E+00	3.51E-03	8.93E-01
VZ625N	5.45E-03	1.08E+00	-4.56E-02	1.21E+00	6.65E-04	0.00E+00	1.93E+01	3.32E-05	8.24E-04	8.59E-03	3.19E-03	3.58E-01	3.76E-08	1.23E-08	2.59E+00	1.73E+00	4.44E-03	5.82E-03	2.50E-02	8.58E-01	1.72E+01	1.31E+01	5.16E-07	8.16E-08	2.71E-03	6.51E-04	2.03E+00	2.26E+00	2.64E+01	3.89E-05	2.77E+01	2.97E+01	4.15E+00	0.00E+00	0.00E+00	3.51E-03	1.09E+00

VZ626N	6.10E-03	2.04E+00	-6.35E-02	2.19E+00	1.02E-03	0.00E+00	2.42E+01	2.59E-05	1.63E-03	1.69E-02	6.43E-03	5.79E-02	3.99E-08	1.79E-08	2.33E+00	3.04E+00	8.71E-03	1.11E-02	2.60E-02	2.18E+00	3.64E+01	1.74E+01	5.40E-07	1.03E-07	5.48E-03	1.15E-03	3.72E+00	2.52E+00	5.22E+01	1.56E-06	5.03E+01	5.43E+01	5.53E+00	0.00E+00	0.00E+00	3.51E-03	1.13E+00
VZ627N	4.07E-03	9.31E-01	-5.02E-02	1.03E+00	4.79E-04	0.00E+00	1.95E+01	2.45E-05	7.30E-04	7.37E-03	2.60E-03	6.62E-02	3.54E-08	7.77E-09	2.06E+00	1.46E+00	3.45E-03	5.52E-03	2.07E-02	4.80E-01	1.40E+01	8.96E+00	5.09E-07	7.56E-08	2.31E-03	4.80E-04	1.93E+00	1.91E+00	2.24E+01	3.83E-05	2.33E+01	2.40E+01	1.85E+00	0.00E+00	0.00E+00	3.51E-03	8.97E-01
VZ628N	5.75E-03	1.60E+00	-5.54E-02	1.72E+00	6.69E-04	0.00E+00	1.98E+01	3.37E-05	1.30E-03	1.31E-02	3.31E-03	3.57E-01	4.14E-08	1.26E-08	2.59E+00	1.82E+00	4.55E-03	6.41E-03	2.59E-02	9.10E-01	3.48E+01	1.31E+01	5.22E-07	8.21E-08	4.38E-03	6.73E-04	2.56E+00	2.34E+00	4.11E+01	3.89E-05	4.80E+01	6.93E+01	4.40E+00	0.00E+00	0.00E+00	3.51E-03	1.13E+00
VZ629N	6.73E-03	2.23E+00	-1.60E-01	2.39E+00	1.02E-03	0.00E+00	2.52E+01	2.91E-05	1.88E-03	1.89E-02	7.17E-03	6.05E-02	5.08E-08	1.85E-08	2.40E+00	3.07E+00	9.73E-03	1.61E-02	2.74E-02	2.26E+00	4.98E+01	2.07E+01	5.40E-07	1.11E-07	5.69E-03	1.20E-03	3.76E+00	3.91E+00	6.63E+01	1.82E-06	6.73E+01	7.40E+01	5.71E+00	0.00E+00	0.00E+00	3.76E-03	1.19E+00
VZ630N	7.21E-03	2.58E+00	-6.67E-02	2.80E+00	1.30E-03	0.00E+00	2.58E+01	2.92E-05	2.17E-03	2.14E-02	8.00E-03	6.36E-02	4.34E-08	2.06E-08	2.65E+00	3.55E+00	1.09E-02	1.65E-02	3.00E-02	3.57E+00	5.05E+01	2.36E+01	5.48E-07	1.15E-07	7.12E-03	1.79E-03	5.70E+00	2.81E+00	7.28E+01	2.00E-06	7.04E+01	7.97E+01	6.26E+00	0.00E+00	0.00E+00	3.51E-03	1.30E+00
VZ631N	4.30E-03	9.82E-01	-5.49E-02	1.09E+00	5.06E-04	0.00E+00	2.09E+01	2.77E-05	7.82E-04	7.87E-03	2.89E-03	1.72E-01	3.97E-08	8.93E-09	2.15E+00	1.55E+00	4.00E-03	5.49E-03	2.16E-02	8.15E-01	1.61E+01	9.46E+00	5.16E-07	7.89E-08	2.49E-03	6.11E-04	1.99E+00	2.21E+00	2.52E+01	3.84E-05	2.47E+01	2.57E+01	4.16E+00	0.00E+00	0.00E+00	3.51E-03	9.34E-01
VZ643N	5.10E-03	1.23E+00	-5.80E-02	1.30E+00	4.78E-06	0.00E+00	1.17E+01	2.33E-05	8.97E-04	9.78E-03	2.89E-03	2.31E-01	4.20E-08	8.35E-09	2.17E+00	3.30E-01	3.89E-03	7.79E-03	2.32E-02	3.13E-01	1.45E+01	1.29E+01	5.14E-07	8.47E-08	2.93E-03	1.89E-04	3.80E-01	1.90E+00	2.82E+01	1.39E-03	2.96E+01	3.08E+01	1.82E+00	0.00E+00	0.00E+00	1.08E-01	9.92E-01
VZ644N	5.67E-03	1.25E+00	-1.19E-01	1.36E+00	4.93E-06	0.00E+00	1.14E+01	2.57E-05	9.75E-04	1.03E-02	3.99E-03	1.96E+00	4.56E-08	1.04E-08	2.15E+00	3.91E-01	5.45E-03	8.56E-03	2.75E-02	5.54E-01	1.69E+01	1.65E+01	5.17E-07	1.06E-07	3.28E-03	4.01E-04	4.17E-01	2.46E+00	3.10E+01	1.86E-03	3.19E+01	3.39E+01	2.80E+00	0.00E+00	0.00E+00	1.21E-01	1.19E+00
VZ647N	5.57E-03	1.28E+00	-1.29E-01	1.39E+00	4.89E-06	0.00E+00	1.15E+01	2.67E-05	1.01E-03	1.07E-02	3.98E-03	1.97E+00	4.70E-08	1.18E-08	2.34E+00	3.89E-01	5.38E-03	8.94E-03	2.53E-02	4.92E-01	1.73E+01	1.64E+01	5.24E-07	1.03E-07	3.32E-03	3.40E-04	4.11E-01	2.67E+00	3.14E+01	1.86E-03	3.22E+01	3.41E+01	2.76E+00	0.00E+00	0.00E+00	1.21E-01	1.09E+00
VZ648N	6.68E-03	1.67E+00	-1.36E-01	1.77E+00	5.31E-06	0.00E+00	1.44E+01	2.92E-05	1.26E-03	1.34E-02	5.20E-03	1.69E+00	5.06E-08	1.42E-08	2.42E+00	4.68E-01	7.06E-03	1.11E-02	2.82E-02	6.14E-01	2.22E+01	1.79E+01	5.40E-07	1.03E-07	4.35E-03	4.68E-04	6.93E-01	2.90E+00	4.22E+01	3.34E-03	4.41E+01	4.57E+01	3.69E+00	0.00E+00	0.00E+00	1.23E-01	1.25E+00
VZ650N	8.33E-03	2.85E+00	-1.98E-01	3.13E+00	8.03E-06	0.00E+00	4.85E+01	4.68E-05	2.25E-03	2.38E-02	8.48E-03	3.47E+00	1.46E-07	2.73E-08	3.09E+00	7.47E-01	1.14E-02	2.38E-02	3.50E-02	1.27E+00	4.53E+01	2.77E+01	5.84E-07	1.43E-07	7.53E-03	7.19E-04	1.53E+00	3.94E+00	8.18E+01	4.85E-03	7.80E+01	8.35E+01	4.89E+00	0.00E+00	0.00E+00	1.80E-01	1.51E+00
VZ651N	6.51E-03	1.62E+00	-1.41E-01	1.85E+00	5.21E-06	0.00E+00	1.34E+01	2.90E-05	1.42E-03	1.44E-02	4.46E-03	2.22E+00	4.85E-08	1.42E-08	2.42E+00	4.01E-01	6.07E-03	9.62E-03	2.78E-02	5.93E-01	3.34E+01	1.72E+01	5.31E-07	1.10E-07	4.74E-03	3.99E-04	4.55E-01	3.15E+00	4.59E+01	1.62E-03	5.15E+01	6.74E+01	3.09E+00	0.00E+00	0.00E+00	1.19E-01	1.22E+00
VZ665N	8.78E-03	2.25E+00	-7.65E-02	2.36E+00	6.67E-06	0.00E+00	2.09E+01	2.98E-05	1.72E-03	1.85E-02	6.45E-03	1.17E+00	4.53E-08	2.04E-08	2.72E+00	3.60E-01	8.75E-03	1.36E-02	1.55E-02	7.95E-01	3.33E+01	2.14E+01	3.39E-08	6.39E-08	5.94E-03	4.84E-04	4.55E-01	1.61E+00	6.08E+01	1.77E-03	5.73E+01	5.73E+01	4.20E+00	0.00E+00	0.00E+00	2.91E-02	6.73E-01
VZ683N	1.57E-03	3.99E-01	-1.44E-02	4.42E-01	6.33E-05	0.00E+00	7.18E+00	2.11E-05	3.08E-04	3.19E-03	1.10E-03	8.10E-02	2.60E-08	2.52E-09	1.80E+00	2.78E-01	1.55E-03	2.06E-03	1.67E-02	1.05E-01	5.41E+00	4.01E+00	5.12E-07	6.04E-08	9.55E-04	2.67E-05	9.57E-01	1.17E+00	9.96E+00	6.55E-06	1.01E+01	1.02E+01	6.37E-01	0.00E+00	0.00E+00	2.46E-03	7.32E-01
VZ685N	4.86E-03	1.32E+00	-4.46E-02	1.42E+00	1.35E-04	0.00E+00	3.25E+01	3.77E-05	9.98E-04	1.03E-02	3.09E-03	1.92E-01	6.94E-08	1.61E-08	2.47E+00	6.71E-01	4.17E-03	9.02E-03	2.22E-02	7.69E-01	1.84E+01	9.27E+00	5.40E-07	8.62E-08	3.10E-03	3.84E-04	2.09E+00	1.99E+00	2.86E+01	7.28E-06	2.88E+01	2.89E+01	3.66E+00	0.00E+00	0.00E+00	8.54E-02	9.63E-01
VZ690N	7.79E-03	2.37E+00	-2.27E-01	2.57E+00	3.33E-04	0.00E+00	3.95E+01	4.84E-05	1.88E-03	1.91E-02	7.07E-03	2.22E-01	1.11E-07	2.21E-08	3.59E+00	1.46E+00	9.59E-03	2.54E-02	2.79E-02	1.42E+00	5.88E+01	1.92E+01	5.93E-07	9.96E-08	5.90E-03	8.47E-04	2.40E+00	4.71E+00	7.55E+01	1.13E-05	7.55E+01	8.24E+01	6.90E+00	0.00E+00	0.00E+00	8.43E-02	1.21E+00
VZ691N	1.68E-03	5.00E-01	-1.93E-02	5.42E-01	6.39E-05	0.00E+00	7.72E+00	2.00E-05	3.98E-04	4.05E-03	1.52E-03	8.37E-02	2.52E-08	2.77E-09	2.35E+00	3.43E-01	2.12E-03	1.17E-02	1.87E-02	1.25E-01	1.35E+01	6.68E+00	5.13E-07	6.30E-08	1.23E-03	6.58E-05	9.74E-01	1.34E+00	1.25E+01	7.18E-06	1.30E+01	1.38E+01	8.74E-01	0.00E+00	0.00E+00	8.84E-03	8.21E-01
VZ696N	2.29E-03	4.14E-01	-2.26E-02	4.37E-01	0.00E+00	0.00E+00	7.70E+02	9.71E-06	3.52E-04	3.73E-03	4.80E-04	2.15E-02	7.05E-09	1.01E-08	1.70E+00	4.64E-04	6.50E-04	3.68E-03	6.79E-04	1.99E-02	6.33E+00	1.01E+00	9.26E-09	1.33E-08	1.20E-03	7.03E-06	8.09E-02	2.94E-01	7.34E+00	4.43E-07	7.34E+00	7.72E+00	3.75E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-02
VZ704N	1.17E-03	1.42E-01	-8.45E-03	1.51E-01	9.22E-06	0.00E+00	5.95E+00	4.66E-05	1.11E-04	1.26E-03	3.09E-04	7.05E-01	9.73E-08	9.69E-09	3.72E+00	7.17E-01	4.39E-04	1.37E-03	1.69E-02	9.03E-02	6.45E+00	9.73E-01	5.05E-07	1.75E-08	3.99E-04	1.95E-05	3.36E-01	8.95E-01	3.75E+00	3.25E-06	3.70E+00	3.88E+00	5.50E-01	0.00E+00	0.00E+00	2.36E-02	7.58E-01
VZ710	3.31E-03	2.33E-01	-1.01E-02	2.60E-01	5.59E-06	0.00E+00	1.23E+03	3.10E-05	1.78E-04	1.80E-03	6.39E-04	1.97E+00	8.71E-08	3.79E-08	7.91E+00	9.81E-02	8.67E-04	5.53E-03	3.46E-03	1.39E-01	6.38E+00	1.58E+00	1.86E-08	1.78E-08	6.15E-04	2.71E-05	6.88E-01	1.42E-01	6.29E+00	1.39E-04	6.27E+00	6.88E+00	5.74E-01	0.00E+00	0.00E+00	3.48E-02	1.46E-01
VZ717	3.78E-03	2.93E-01	-2.73E-02	3.04E-01	8.93E-06	0.00E+00	1.02E+02	1.64E-05	2.28E-04	2.38E-03	7.23E-04	1.18E+00	1.53E-08	2.84E-08	2.94E+01	9.65E-02	9.36E-04	3.70E-02	4.14E-03	1.89E-01	2.84E+01	3.00E+00	2.31E-08	1.55E-08	6.82E-04	6.84E-05	1.02E+00	4.27E-01	1.32E+01	3.60E-05	1.07E+01	1.26E+01	1.05E+00	0.00E+00	0.00E+00	4.45E-03	1.78E-01
VZ722	1.32E-03	1.47E-01	-1.09E-02	1.49E-01	6.68E-07	0.00E+00	1.37E+02	1.37E-05	1.12E-04	1.24E-03	3.08E-04	6.81E-01	8.52E-08	1.39E-08	2.16E+00	1.07E-01	4.29E-04	6.64E-03	1.58E-03	9.97E-02	9.07E+00	1.01E+00	1.41E-08	1.16E-08	4.05E-04	2.36E-05	6.14E-01	1.30E-01	3.88E+00	4.06E-05	3.89E+00	4.11E+00	5.41E-01	0.00E+00	0.00E+00	6.15E-03	6.27E-02
VZ723	2.37E-03	1.41E-01	-1.15E-02	1.40E-01	2.62E-06	0.00E+00	2.57E+02	5.94E-05	1.03E-04	1.13E-03	3.37E-04	9.68E-01	1.56E-07	2.61E-08	3.05E+00	2.85E-01	4.67E-04	1.06E-02	3.39E-03	1.01E-01	9.23E+00	9.47E-01	1.79E-08	1.75E-08	3.73E-04	2.34E-05	6.33E-01	1.08E-01	3.87E+00	8.31E-05	3.80E+00	3.91E+00	5.11E-01	0.00E+00	0.00E+00	9.48E-03	1.38E-01
VZ724	1.39E-03	2.18E-01	-1.29E-02	2.31E-01	4.10E-06	0.00E+00	4.97E+02	8.45E-05	1.63E-04	1.76E-03	6.10E-04	1.18E+00	2.19E-07	3.08E-08	2.93E+00	3.55E-01	8.46E-04	1.16E-02	1.35E-02	8.60E-02	9.31E+00	1.72E+00	2.51E-08	1.45E-08	5.41E-04	2.19E-05	6.51E-01	3.34E-01	6.29E+00	8.86E-05	6.25E+00	6.68E+00	5.34E-01	0.00E+00	0.00E+00	9.31E-03	6.15E-01
VZ728	1.39E-03	2.36E-01	-9.26E-03	2.55E-01	1.36E-06	0.00E+00	1.95E+00	9.27E-05	1.75E-04	1.89E-03	6.59E-04	1.10E+00	9.08E-07	2.41E-08	2.88E+00	4.95E-01	9.11E-04	3.64E-03	2.86E-03	9.89E-02	4.57E+00	1.89E+00	9.38E-09	1.40E-08	5.93E-04	2.66E-05	3.54E-01	1.59E-01	6.49E+00	8.58E-05	6.44E+00	7.15E+00	6.26E-01	0.00E+00	0.00E+00	5.93E-03	1.21E-01
VZ730	1.73E-03	2.72E-01	-1.16E-02	3.03E-01	6.53E-06	0.00E+00	7.12E+00	1.12E-04	2.13E-04	2.19E-03	9.26E-04	1.20E+00	9.28E-07	2.61E-08	4.37E+00	3.77E-01	1.27E-03	1.13E-02	1.26E-02	1.11E-01	9.13E+00	3.25E+00	2.51E-08	2.67E-08	6.67E-04	2.89E-05	5.55E-01	4.32E-01	8.42E+00	1.09E-04	8.52E+00	9.04E+00	6.91E-01	0.00E+00	0.00E+00	3.73E-02	6.02E-01
VZ744	9.46E-04	1.66E-01	-2.95E-03	1.67E-01	5.83E-05	0.00E+00	7.76E+00	8.81E-06	1.13E-04	1.30E-03	4.10E-04	7.81E-01	4.27E-08	8.26E-09	2.45E+00	1.57E-01	5.83E-04	1.44E-03	2.16E-03	2.09E-01	4.54E+00	1.07E+00	7.66E-09	8.09E-09	3.94E-04	1.67E-04	4.50E-01	1.24E-01	4.18E+00	6.18E-06	3.96E+00	4.16E+00	4.64E-01	0.00E+00	0.00E+00	2.27E-03	9.42E-02
VZ758	1.62E-03	2.34E-01	-1.51E-02	2.40E-01	5.14E-06	0.00E+00	1.95E+01	1.09E-05	1.64E-04	1.71E-03	5.59E-04	5.27E-01	7.91E-08	7.38E-09	2.06E+00	1.81E-01	7.82E-04	1.41E-03	1.39E-02	9.55E-02	6.40E+02	1.79E+00	5.06E-09	7.74E-09	5.30E-04	6.35E-05	3.16E-01	3.45E-01	5.85E+02	2.06E-02	6.58E+02	5.71E+02	5.60E-01	0.00E+00	0.00E+00	3.04E-05	6.36E-01
VZ761	2.75E-03	5.18E-01	-2.99E-02	5.62E-01	6.40E-06	0.00E+00	1.13E+03	3.20E-05	4.07E-04	4.30E-03	1.49E-03	1.94E+00	8.43E-09	3.78E-08	6.20E+00	1.02E-01	2.03E-03	4.35E-03	4.78E-03	1.50E-01	2.01E+01	7.31E+00	1.23E-08	1.41E-08	1.29E-03	9.60E-05	5.78E-01	4.53E-01	1.45E+01	4.00E-05	1.47E+01	1.57E+01	7.65E-01	0.00E+00	0.00E+00	3.49E-02	2.08E-01
VZ786N	3.85E-04	1.26E-01	-1.25E-02	1.38E-01	0.00E+00	0.00E+00	4.31E+02	5.28E-06	1.09E-04	1.13E-03	2.32E-04	1.89E-03	3.87E-09	3.39E-09	1.70E+00	2.61E-04	3.15E-04	2.71E-04	2.30E-04	9.27E-03	1.88E+00	6.28E-01	3.10E-09	2.72E-09	2.89E-04	3.30E-06	5.00E-02	1.57E-01	2.51E+00	3.70E-08	2.51E+00	2.72E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	9.86E-03
VZ790N	2.66E-03	1.21E-01	-8.80E-03	1.35E-01	3.65E-06	0.00E+00	6.13E+00	1.44E-05	9.36E-05	1.04E-03	2.39E-04	7.18E-01	3.27E-08	1.00E-08	2.57E+00	9.15E-02	3.23E-04	4.88E-03	3.21E-03	1.34E-01	5.30E+00	5.70E-01	8.93E-09	1.52E-08	4.01E-04	1.96E-05	2.69E-01	9.73E-02	3.22E+00	8.03E-05	3.23E+00	3.19E+00	3.82E-01	0.00E+00	0.00E+00	6.49E-02	1.36E-01
VZ793N	1.64E-03	2.67E-01	-1.41E-02	2.84E-01	7.48E-06	0.00E+00	7.19E+00	2.02E-05	2.05E-04	2.14E-03	8.86E-04	6.16E-02	7.59E-08	2.88E-09	2.26E+00	2.89E-01	1.22E-03	9.62E-03	1.71E-02	1.03E-01	1.19E+01	2.96E+00	5.00E-07	1.40E-08	6.30E-04	2.37E-05	4.10E-01	1.00E+00	7.40E+00	4.03E-05	7.03E+00	7.55E+00	6.91E-01	0.00E+00	0.00E+00	7.08E-03	7.50E-01
VZ797N	1.42E-03	2.66E-01	-1.38E-02	2.85E-01	6.96E-06	0.00E+00	7.78E+00	9.50E-05	1.99E-04	2.08E-03	8.01E-04	1.04E+00	1.56E-07	2.61E-08	4.35E+00	8.23E-01	1.10E-03	3.30E-03	1.62E-02	1.01E-01	6.86E+00	2.27E+00	1.41E-07	2.02E-08	6.40E-04	2.38E-05	3.86E-01	3.77E-01	7.28E+00	1.16E-04	7.38E+00	7.80E+00	6.56E-01	0.00E+00	0.00E+00	2.87E-02	7.32E-01
VZ816	3.32E-03	1.35E-01	-1.31E-02	1.40E-01	4.42E-06	0.00E+00	2.08E+02	1.08E-05	1.17E-04	1.26E-03	2.63E-04	1.22E+00	4.14E-08	1.43E-08	3.00E+00	8.44E-02	3.54E-04	6.19E-03	3.53E-03	1.18E-01	7.74E+00	1.26E+00	1.34E-08	1.70E-08	3.63E-04	2.60E-05	6.16E-01	3.02E-01	4.47E+00	7.18E-06	4.64E+00	7.58E+00	7.43E-01	0.00E+00	0.00E+00	1.64E-02	1.49E-01
VZ842N	2.06E-03	3.71E-01	2.59E-03	3.69E-01	0.00E+00	0.00E+00	1.41E+00	7.84E-07	2.55E-04	2.71E-03	5.91E-04	7.84E-04	1.96E-09	1.36E-09	1.57E+00	8.77E-02	8.00E-04	6.88E-04	3.13E-03	7.48E-01	4.46E+00	2.58E+00	7.83E-09	1.39E-08	9.82E-04	4.98E-04	4.82E-01	2.19E-01	7.04E+00	4.91E-08	7.04E+00	7.74E+00	7.01E-01	0.00E+00	0.00E+00	0.00E+00	1.35E-01
VZ851N	2.73E-03	2.28E-01	-9.88E-03	2.44E-01	5.08E-06	0.00E+00	4.71E+00	1.28E-05	1.87E-04	1.73E-03	6.31E-04	5.94E-01	8.19E-08	8.12E-09	2.25E+00	1.51E-01	8.68E-04	2.25E-03	1.40E-02	1.04E-01	4.40E+00	1.62E+00	8.73E-09	1.58E-08	5.41E-04	2.26E-05	3.47E-01	3.17E-01	6.48E+00	3.82E-06	6.25E+00	6.47E+00	5.49E-01	0.00E+00	0.00E+00	7.12E-04	6.39E-01
VZ852N	2.07E-03	4.72E-01	-2.65E-02	4.85E-01	3.06E-06	0.00E+00	2.22E+02	1.08E-05	3.61E-04	3.78E-03	1.20E-03	5.58E-02	2.34E-08	3.93E-09	1.89E+00	1.69E-01	1.64E-03	2.26E-03	1.34E-02	1.31E-01	5.67E+00	5.37E+00	1.76E-08	1.29E-08	1.10E-03	6.40E-05	7.04E-01	5.51E-01	1.18E+01	2.48E-06	1.16E+01	1.22E+01	8.47E-01	0.00E+00	0.00E+00	3.61E-04	7.37E-01
VZ855N	5.89E-03	1.03E+00	-7.32E-02	1.09E+00	5.25E-06	0.00E+00	1.18E+01	2.33E-05	7.50E-04	7.74E-03	3.29E-03	2.02E+00	4.76E-08	1.06E-08	2.26E+00	3.93E-01	4.43E-03	6.14E-03	2.70E-02	5.37E-01	1.56E+01	1.54E+01	5.12E-07	1.01E-07	2.62E-03	3.82E-04	4.64E-01	2.26E+00	2.75E+01	1.87E-03	2.79E+01	2.98E+01	2.80E+00	0.00E+00	0.00E+00	3.05E-02	1.18E+00
VZ857N	5.12E-03	1.27E+00	-6.40E-02	1.34E+00	8.64E-06	0.00E+00	4.10E+01	4.64E-05	9.49E-04	9.98E-03	3.15E-03	3.17E+00	8.01E-08	1.78E-08	3.08E+00	6.58E-01	4.27E-03	9.55E-03	2.35E-02	3.06E-01	1.56E+01	1.41E+01	5.42E-07	9.81E-08	3.05E-03	2.51E-04	7.43E-01	2.06E+00	2.80E+01	5.77E-03	2.95E+01	3.12E+01	1.46E+00	0.00E+00	0.00E+00	6.44E-02	1.02E+00
VZ858N	5.20E-03	9.87E-01	-4.21E-02	1.12E+00	6.69E-04	0.00E+00	1.86E+01	2.25E-05	7.57E-04	7.66E-03	3.10E-03	4.63E-02	3.82E-08	1.08E-08	2.25E+00	1.80E+00	4.22E-03	5.31E-03	2.46E-02	8.99E-01	1.71E+01	1.14E+01	5.11E-07	7.76E-08	2.49E-03	6.47E-04	2.41E+00	2.16E+00	2.41E+01	9.36E-07	2.57E+01	2.79E+01	4.13E+00	0.00E+00	0.00E+00	3.61E-03	1.07E+00
VZ860N	5.90E-03	1.56E+00	-7.29E-02	1.57E+00	5.74E-06	0.00E+00	1.23E+01	2.50E-05	1.16E-03	1.23E-02	4.51E-03	1.22E-01	8.36E-08	1.11E-08	2.24E+00	3.28E-01	6.24E-03	9.77E-03	2.59E-02	6.24E-01	2.42E+01	1.20E+01	5.24E-07	8.37E-08	3.90E-03	3.66E-04	6.12E-01	3.13E+00	3.68E+01	3.22E-06	4.10E+01	4.74E+01	4.12E+00	0.00E+00	0.00E+00	7.12E-04	1.12E+00
VZ861N	4.57E-03	1.05E+00	-6.98E-02	1.12E+00	0.00E+00	0.00E+00	3.20E+00	3.09E-06	7.79E-04	8.24E-03	2.85E-03	2.90E-01	1.02E-08	3.12E-09	1.97E+00	1.08E-01	3.86E-03	3.32E-03	6.49E-03	3.02E-01	1.17E+01	1.24E+01	1.40E-08	3.09E-08	2.45E-03	1.89E-04	6.77E-01	1.14E+00	2.41E+01	4.05E-06	2.41E+01	2.60E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-01
VZ909N	4.66E-04	1.74E-01	-3.04E-03	1.78E-01	5.25E-05	0.00E+00	1.71E+00	1.58E-06	1.11E-04	1.23E-03	3.84E-04	2.17E-02	4.18E-09	2.13E-09	1.66E+00	1.54E-01	5.22E-04	7.07E-04	1.28E-03	1.10E-01	4.27E+00	1.30E+00	3.66E-09	4.09E-09	3.65E-04	5.90E-05	4.85E-01	1.27E-01	4.82E+00	3.32E-08	4.70E+00	5.13E+00	5.48E-01	0.00E+00	0.00E+00	0.00E+00	5.61E-02
VZ910N	4.05E-04	1.56E-01	-2.90E-03	1.59E-01	4.58E-05	0.00E+00	1.52E+00	9.48E-07	1.00E-04	1.10E-03	3.51E-04	1.34E-03	1.02E-09	1.14E-09	1.60E+00	1.29E-01	4.75E-04	4.09E-04	6.78E-04	1.01E-01	3.03E+00	1.19E+00	3.03E-09	3.28E-09	3.21E-04	5.27E-05	4.62E-01	1.13E-01	4.22E+00	3.10E-08	4.22E+00	4.79E+00	5.75E-01	0.00E+00	0.00E+00	0.00E+00	2.91E-02
VZ912N	4.76E-04	1.89E-01	-2.85E-03	1.92E-01	5.71E-05	0.00E+00	1.88E+00	1.15E-06	1.20E-04	1.31E-03	4.31E-04	1.47E-03	1.21E-09	1.41E-09	1.61E+00	1.60E-01	5.84E-04	5.02E-04	8.24E-04	1.25E-01	3.57E+00	1.47E+00	3.68E-09	3.79E-09	3.87E-04	6.52E-05	5.00E-01	1.35E-01	5.04E+00	3.55E-08	5.04E+00	5.68E+00	6.35E-01	0.00E+00	0.00E+00	0.00E+00	3.54E-02
VZ914N	5.44E-04	2.21E-01	-2.70E-03	2.24E-01	6.83E-05	0.00E+00	2.23E+00	1.34E-06	1.40E-04	1.51E-03	5.07E-04	1.59E-03	1.38E-09	1.68E-09	1.62E+00	1.92E-01	6.86E-04	5.90E-04	9.67E-04	1.48E-01	4.11E+00	1.73E+00	4.32E-09	4.29E-09	4.51E-04	7.77E-05	5.42E-01	1.53E-01	5.84E+00	3.99E-08	5.84E+00	6.53E+00	6.96E-01	0.00E+00	0.00E+00	0.00E+00	4.15E-02
VZ916N	5.41E-04	2.17E-01	-2.76E-03	2.19E-01	6.63E-05	0.00E+00	2.17E+00	1.31E-06	1.38E-04	1.49E-03	4.99E-04	1.58E-03	1.37E-09	1.64E-09	1.62E+00	1.86E-01	6.76E-04	5.80E-04	9.45E-04	1.44E-01	4.05E+00	1.71E+00	4.21E-09	4.25E-09	4.44E-04	7.56E-05	5.34E-01	1.53E-01	5.76E+00	3.93E-08	5.76E+00	6.44E+00	6.87E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-02
VZ917N	7.43E-04	3.25E-01	-3.58E-03	3.27E-01	1.14E-04	0.00E+00	2.99E+00	1.90E-06	2.02E-04	2.21E-03	6.79E-04	2.27E-03	2.27E-09	2.21E-09	1.65E+00	3.51E-01	9.36E-04	8.91E-04	1.36E-03	2.09E-01	5.09E+00	2.56E+00	6.11E-09	5.54E-09	6.58E-04	1.28E-04	9.57E-01	2.18E-01	8.62E+00	4.82E-08	8.72E+00	9.19E+00	8.47E-01	0.00E+00	0.00E+00	0.00E+00	5.75E-02
VZ918N	7.29E-04	2.98E-01	-3.63E-03	3.01E-01	9.36E-05	0.00E+00	3.06E+00	1.82E-06	1.90E-04	2.04E-03	7.01E-04	1.97E-03	1.96E-09	2.30E-09	1.65E+00	2.62E-01	9.49E-04	8.16E-04	1.31E-03	2.02E-01	5.44E+00	2.40E+00	5.80E-09	5.62E-09	6.10E-04	1.06E-04	6.45E-01	2.18E-01	7.84E+00	5.10E-08	7.84E+00	8.71E+00	8.63E-01	0.00E+00	0.00E+00	0.00E+00	5.61E-02
VZ920N	9.68E-04	4.14E-01	8.20E-04	4.13E-01	1.33E-04	0.00E+00	4.23E+00	2.46E-06	2.56E-04	2.74E-03	9.56E-04	2.36E-03	2.11E-09	3.23E-09	1.69E+00	3.72E-01	1.29E-03	1.11E-03	1.80E-03	2.83E-01	7.36E+00	3.38E+00	7.94E-09	7.41E-09	8.31E-04	1.49E-04	8.14E-01	2.38E-01	1.07E+01	6.71E-08	1.07E+01	1.18E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-02
VZ921N	1.68E-03	6.69E-01	-2.05E-02	6.88E-01	3.37E-04	0.00E+00	1.60E+01	2.70E-06	4.73E-04	5.25E-03	1.59E-03	4.08E-03	4.39E-09	2.94E-09	1.81E+00	9.72E-01	2.13E-03	3.36E-03	4.93E-03	3.13E-01	1.05E+01	7.49E+00	8.59E-09	1.11E-08	1.59E-03	3.72E-04	1.57E+00	3.79E-01	1.73E+01	2.47E-07	1.84E+01	1.90E+01	9.77E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
VZ922N	1.79E-03	5.40E-01	-3.16E-02	5.71E-01	0.00E+00	0.00E+00	2.25E+00	2.09E-06	4.08E-04	4.31E-03	1.79E-03	2.32E-03	4.85E-09	2.42E-09	1.79E+00	1.10E-01	2.43E-03	2.09E-03	5.14E-03	1.65E-01	4.14E+00	8.12E+00	3.37E-09	1.23E-08	1.34E-03	1.16E-04	3.65E-01	5.51E-01	1.23E+01	1.26E-07	1.23E+01	1.32E+01	9.16E-01	0.00E+00	0.00E+00	0.00E+00	2.21E-01
VZ923N	1.55E-03	2.23E-01	-1.38E-02	2.19E-01	3.39E-04	0.00E+00	1.66E+01	8.32E-06	1.45E-04	1.53E-03	5.77E-04	1.12E+00	4.09E-08	1.18E-08	3.12E+00	9.84E-01	7.60E-04	1.80E-03	2.94E-03	2.81E-01	5.58E+00	2.29E+00	6.19E-09	5.85E-09	4.76E-04	3.62E-04	1.53E+00	1.83E-01	5.00E+00	2.63E-06	5.29E+00	6.05E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
VZ924N	1.90E-03	5.77E-01	-3.17E-02	6.08E-01	0.00E+00	0.00E+00	2.37E+00	2.20E-06	4.32E-04	4.58E-03	1.91E-03	2.36E-03	4.94E-09	2.59E-09	1.80E+00	1.18E-01	2.58E-03	2.22E-03	5.49E-03	1.75E-01	4.34E+00	8.70E+00	3.52E-09	1.31E-08	1.42E-03	1.24E-04	3.74E-01	5.63E-01	1.30E+01	1.34E-07	1.30E+01	1.40E+01	9.36E-01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
VZ926N	3.13E-03	8.89E-02	-1.89E-03	9.08E-02	1.12E-06	0.00E+00	8.70E-01	3.89E-05	9.95E-05	1.14E-03	2.07E-04	2.03E+00	3.05E-07	4.05E-08	6.02E+00	8.72E-02	2.81E-04	5.58E-03	4.06E-03	7.71E-02	1.44E+00	1.37E-01	1.27E-08	2.02E-08	4.76E-04	1.41E-05	3.10E-01	7.38E-02	1.58E+00	2.85E-05	1.58E+00	1.96E+00	3.84E-01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
VZ932N	2.62E-03	1.06E-01	-8.79E-03	1.06E-01	3.44E-06	0.00E+00	2.37E+01	1.44E-05	8.91E-05	1.01E-03	2.36E-04	1.25E+00	1.19E-07	1.30E-08	3.11E+00	1.53E-01	3.17E-04	8.49E-03	3.54E-03	1.22E-01	8.70E+00	5.29E-01	6.03E-08	1.40E-08	3.61E-04	2.04E-05	8.34E-01	9.38E-02	3.11E+00	5.56E-05	2.98E+00	2.95E+00	3.60E-01	0.00E+00	0.00E+00	9.84E-04	1.50E-01
VZ950	2.28E-03	2.29E-01	-1.17E-02	2.29E-01	2.54E-05	0.00E+00	4.84E+00	8.68E-06	1.73E-04	2.02E-03	4.40E-04	1.50E+00	-6.95E-08	2.20E-08	1.68E+00	1.90E-01	6.11E-04	2.25E-03	2.24E-03	1.38E-01	8.63E+00	2.10E+00	3.22E-08	1.59E-08	5.58E-04	3.92E-05	1.25E+00	1.48E-01	6.30E+00	8.30E-06	6.94E+00	7.26E+00	8.78E-01	0.00E+00	0.00E+00	7.35E-03	9.58E-02
VZ951	2.44E-03	2.73E-01	-1.19E-02	2.76E-01	2.39E-06	0.00E+00	2.26E+00	7.17E-06	2.00E-04	2.18E-03	6.83E-04	5.94E-01	1.23E-08	8.34E-09	1.89E+00	8.28E-02	9.26E-04	1.02E-01	3.70E-03	1.32E-01	5.23E+01	2.20E+00	1.09E-08	1.68E-08	6.65E-04	3.28E-05	5.36E-01	1.47E-01	4.18E+01	5.01E-06	4.05E+01	3.35E+01	9.14E-01	0.00E+00	0.00E+00	5.17E-04	1.58E-01
FL204B	5.60E-02	9.74E+00	-5.50E-01	1.03E+01	0.00E+00	0.00E+00	8.06E+02	3.33E-05	7.89E-03	8.22E-02	3.21E-02	6.28E+00	3.58E-07	1.08E-07	2.05E+01	2.78E-02	4.34E-02	1.12E-01	5.72E-02	3.99E+00	1.17E+04	2.87E+00	1.65E-06	3.70E-07	3.07E-02	1.23E-03	1.81E+00	1.45E+01	1.17E+04	7.49E-05	1.17E+04	1.17E+04	1.63E+01	0.00E+00	0.00E+00	0.00E+00	2.46E+00
FL209B	8.55E-02	1.46E+01	-8.99E-01	1.55E+01	0.00E+00	0.00E+00	1.40E+03	4.97E-05	1.19E-02	1.24E-01	4.60E-02	7.68E+00	4.33E-07	1.43E-07	2.11E+01	3.57E-02	6.22E-02	1.73E-01	8.03E-02	5.89E+00	1.37E+04	4.08E+00	2.47E-06	5.41E-07	4.67E-02	1.88E-03	1.11E+00	2.23E+01	1.37E+04	9.58E-05	1.37E+04	1.37E+04	2.34E+01	0.00E+00	0.00E+00	0.00E+00	3.45E+00
FL213B	8.82E-02	1.54E+01	-8.03E-01	1.62E+01	0.00E+00	0.00E+00	1.29E+03	4.91E-05	1.24E-02	1.29E-01	5.19E-02	8.09E+00	4.37E-07	1.45E-07	2.11E+01	3.28E-02	7.02E-02	1.80E-01	8.48E-02	6.49E+00	1.56E+04	4.18E+00	2.67E-06	5.54E-07	4.88E-02	1.93E-03	1.04E+00	2.29E+01	1.56E+04	9.41E-05	1.56E+04	1.56E+04	2.40E+01	0.00E+00	0.00E+00	0.00E+00	3.64E+00
FL216B	1.05E-01	1.83E+01	-8.48E-01	1.92E+01	0.00E+00	0.00E+00	1.32E+03	5.37E-05	1.47E-02	1.53E-01	6.24E-02	8.95E+00	4.68E-07	1.60E-07	2.14E+01	3.39E-02	8.44E-02	1.92E-01	9.67E-02	7.73E+00	1.76E+04	4.61E+00	3.26E-06	6.47E-07	5.81E-02	2.28E-03	7.50E-01	2.64E+01	1.76E+04	9.15E-05	1.76E+04	1.76E+04	2.72E+01	0.00E+00	0.00E+00	0.00E+00	4.15E+00
FL221B	1.38E-01	2.38E+01	-1.23E+00	2.50E+01	0.00E+00	0.00E+00	1.37E+03	6.50E-05	1.93E-02	2.00E-01	8.28E-02	1.05E+01	5.58E-07	1.90E-07	2.20E+01	3.47E-02	1.12E-01	2.54E-01	1.23E-01	1.00E+01	1.77E+04	5.23E+00	4.26E-06	8.23E-07	7.62E-02	2.95E-03	-7.61E-01	3.64E+01	1.77E+04	9.36E-05	1.77E+04	1.77E+04	3.56E+01	0.00E+00	0.00E+00	0.00E+00	5.29E+00
FL229B	2.74E-01	4.30E+01	-5.35E+00	4.83E+01	0.00E+00	0.00E+00	1.74E+03	1.43E-04	3.98E-02	4.03E-01	1.62E-01	1.57E+01	1.20E-06	3.01E-07	2.49E+01	3.87E-02	2.19E-01	3.80E-01	2.18E-01	1.92E+01	2.20E+04	7.85E+00	8.05E-06	1.58E-06	1.51E-01	6.19E-03	-1.39E+01	1.06E+02	2.20E+04	8.54E-05	2.20E+04	2.21E+04	9.18E+01	0.00E+00	0.00E+00	0.00E+00	9.35E+00
FL263B	1.22E-01	2.35E+01	-5.99E-01	2.41E+01	0.00E+00	0.00E+00	1.44E+03	2.17E-04	1.66E-02	1.73E-01	6.05E-02	8.53E+00	4.45E-07	2.06E-07	2.62E+01	2.46E+00	8.20E-02	1.90E-01	3.26E-01	9.15E+00	1.58E+04	3.86E+01	3.35E-06	7.77E-07	6.76E-02	3.59E-03	3.11E+00	2.38E+01	1.58E+04	9.26E-05	1.58E+04	1.58E+04	2.69E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+01
FL266B	1.45E-01	2.79E+01	-6.17E-01	2.85E+01	0.00E+00	0.00E+00	1.47E+03	2.92E-04	1.94E-02	2.03E-01	7.15E-02	9.30E+00	4.77E-07	2.33E-07	2.67E+01	3.46E+00	9.68E-02	2.03E-01	4.33E-01	1.08E+01	1.77E+04	4.93E+01	3.99E-06	9.14E-07	7.98E-02	4.26E-03	3.31E+00	2.73E+01	1.78E+04	9.02E-05	1.78E+04	1.78E+04	3.06E+01	0.00E+00	0.00E+00	0.00E+00	1.86E+01
FL271B	1.84E-01	3.34E+01	-9.02E-01	3.43E+01	0.00E+00	0.00E+00	1.41E+03	6.80E-05	2.54E-02	2.66E-01	1.04E-01	1.11E+01	5.75E-07	3.65E-07	2.71E+01	2.14E-01	1.41E-01	2.79E-01	1.59E-01	1.36E+01	1.79E+04	3.71E+01	5.77E-06	1.09E-06	1.03E-01	5.06E-03	1.03E+00	3.85E+01	1.79E+04	8.87E-05	1.79E+04	1.80E+04	3.95E+01	0.00E+00	0.00E+00	0.00E+00	6.83E+00
FL279B	3.19E-01	5.28E+01	-4.85E+00	5.77E+01	0.00E+00	0.00E+00	1.65E+03	1.45E-04	4.65E-02	4.74E-01	1.94E-01	1.61E+01	1.22E-06	5.56E-07	2.98E+01	2.68E-01	2.62E-01	4.17E-01	2.58E-01	2.37E+01	2.21E+04	4.91E+01	9.82E-06	1.84E-06	1.79E-01	8.60E-03	-1.18E+01	1.09E+02	2.22E+04	7.78E-05	2.22E+04	2.23E+04	9.70E+01	0.00E+00	0.00E+00	0.00E+00	1.11E+01
FL302BA	2.39E-01	3.99E+01	-1.73E+00	4.16E+01	0.00E+00	0.00E+00	3.85E+02	7.09E-05	3.23E-02	3.36E-01	1.49E-01	1.69E+01	5.42E-07	2.12E-07	1.41E+01	4.01E-02	2.01E-01	1.73E-01	1.72E-01	1.77E+01	8.62E+02	5.18E+00	8.00E-06	1.42E-06	1.31E-01	5.11E-03	-9.04E-01	6.16E+01	8.67E+02	3.41E-05	8.67E+02	9.28E+02	6.07E+01	0.00E+00	0.00E+00	0.00E+00	7.37E+00
FL306BA	2.54E-01	3.99E+01	-2.76E+00	4.26E+01	0.00E+00	0.00E+00	4.10E+02	8.16E-05	3.37E-02	3.48E-01	1.43E-01	1.64E+01	6.38E-07	2.13E-07	1.44E+01	4.01E-02	1.93E-01	1.66E-01	1.71E-01	1.72E+01	8.82E+02	5.01E+00	7.93E-06	1.49E-06	1.34E-01	5.39E-03	-3.30E+00	7.16E+01	8.87E+02	3.73E-05	8.87E+02	9.55E+02	6.83E+01	0.00E+00	0.00E+00	0.00E+00	7.35E+00
FL307BA	2.92E-01	4.88E+01	-2.10E+00	5.09E+01	0.00E+00	0.00E+00	4.72E+02	8.59E-05	3.97E-02	4.11E-01	1.82E-01	1.96E+01	6.67E-07	2.58E-07	1.50E+01	4.10E-02	2.47E-01	2.12E-01	2.08E-01	2.17E+01	1.05E+03	6.12E+00	9.79E-06	1.72E-06	1.60E-01	6.24E-03	-2.89E+00	7.55E+01	1.06E+03	2.59E-05	1.06E+03	1.13E+03	7.26E+01	0.00E+00	0.00E+00	0.00E+00	8.95E+00
FL321BA	3.05E-01	5.37E+01	-2.39E+00	5.60E+01	0.00E+00	0.00E+00	5.02E+02	8.37E-05	3.93E-02	4.12E-01	1.48E-01	1.81E+01	5.43E-07	3.29E-07	1.39E+01	5.33E-02	2.00E-01	1.05E+00	3.24E-01	1.44E+01	2.12E+03	6.14E+00	6.59E-06	1.67E-06	1.56E-01	4.56E-03	8.91E-01	6.16E+01	2.12E+03	3.51E-04	2.12E+03	2.18E+03	6.24E+01	0.00E+00	0.00E+00	0.00E+00	1.39E+01
FL322BA	3.15E-01	6.22E+01	-1.79E+00	6.40E+01	0.00E+00	0.00E+00	5.43E+02	8.76E-05	4.49E-02	4.72E-01	1.84E-01	2.10E+01	5.69E-07	3.71E-07	1.47E+01	5.63E-02	2.49E-01	1.09E+00	3.59E-01	1.86E+01	2.28E+03	7.12E+00	8.35E-06	1.90E-06	1.81E-01	5.39E-03	1.89E+00	6.51E+01	2.29E+03	3.40E-04	2.29E+03	2.36E+03	6.70E+01	0.00E+00	0.00E+00	0.00E+00	1.54E+01
FL342BA	4.40E-01	7.68E+01	-1.89E+00	7.87E+01	0.00E+00	0.00E+00	6.94E+02	1.04E-04	5.54E-02	5.84E-01	2.17E-01	3.39E+01	6.61E-07	4.57E-07	1.72E+01	8.84E-02	2.94E-01	1.13E+00	4.14E-01	2.32E+01	2.60E+03	9.01E+00	1.12E-05	2.61E-06	2.26E-01	7.26E-03	6.07E+00	7.54E+01	2.61E+03	4.65E-04	2.61E+03	2.69E+03	8.15E+01	0.00E+00	0.00E+00	0.00E+00	1.78E+01

	FL354BA	6.27E-01	1.10E+02	-1.67E+00	1.11E+02	0.00E+00	0.00E+00	9.44E+02	1.30E-04	7.78E-02	8.21E-01	3.09E-01	4.15E+01	8.53E-07	6.34E-07	2.00E+01	9.18E-02	4.18E-01	1.70E+00	5.72E-01	3.36E+01	3.61E+03	1.17E+01	1.64E-05	3.55E-06	3.22E-01	1.03E-02	4.53E+00	9.74E+01	3.62E+03	5.19E-04	3.62E+03	3.73E+03	1.02E+02	0.00E+00	0.00E+00	0.00E+00	2.46E+01
	FL356BA	5.03E-01	9.76E+01	-1.96E+00	9.96E+01	0.00E+00	0.00E+00	8.08E+02	1.28E-04	7.02E-02	7.39E-01	2.91E-01	3.89E+01	8.38E-07	5.77E-07	1.86E+01	9.08E-02	3.94E-01	1.68E+00	5.36E-01	3.09E+01	3.34E+03	1.12E+01	1.41E-05	3.12E-06	2.85E-01	8.90E-03	4.15E+00	9.57E+01	3.35E+03	5.24E-04	3.35E+03	3.45E+03	9.98E+01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
	FL358BA	5.61E-01	1.10E+02	6.68E-01	1.09E+02	0.00E+00	0.00E+00	8.67E+02	1.05E-04	7.52E-02	8.01E-01	3.19E-01	4.25E+01	6.27E-07	6.31E-07	1.93E+01	9.25E-02	4.32E-01	1.71E+00	5.71E-01	3.46E+01	3.57E+03	1.19E+01	1.65E-05	3.43E-06	3.15E-01	9.70E-03	1.04E+01	7.39E+01	3.58E+03	5.12E-04	3.58E+03	3.67E+03	8.43E+01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
	FL380B	9.79E-02	1.63E+01	-4.72E-01	1.68E+01	0.00E+00	0.00E+00	5.84E+03	1.28E-04	1.29E-02	1.34E-01	3.88E-02	1.94E+01	5.79E-07	9.79E-07	2.45E+01	2.96E+00	5.25E-02	1.37E-01	9.96E-02	9.37E+00	4.75E+05	1.88E+01	3.91E-06	9.05E-07	4.87E-02	5.08E-03	4.52E+00	1.55E+01	4.75E+05	2.79E-04	4.75E+05	4.75E+05	2.01E+01	0.00E+00	0.00E+00	0.00E+00	4.28E+00
	FL381B	1.25E-01	2.24E+01	-7.25E-01	2.31E+01	0.00E+00	0.00E+00	1.05E+04	2.16E-04	1.75E-02	1.79E-01	5.61E-02	3.64E+01	8.74E-07	1.30E-06	2.87E+01	3.86E+00	7.59E-02	1.95E-01	1.51E-01	1.43E+01	6.02E+05	2.96E+01	5.50E-06	1.41E-06	6.44E-02	7.84E-03	5.33E+00	2.31E+01	6.02E+05	4.94E-04	6.02E+05	6.02E+05	2.84E+01	0.00E+00	0.00E+00	0.00E+00	6.47E+00
	FL382B	1.53E-01	2.71E+01	-9.69E-01	2.80E+01	0.00E+00	0.00E+00	1.05E+04	2.26E-04	2.13E-02	2.18E-01	7.33E-02	4.09E+01	9.42E-07	1.33E-06	2.93E+01	4.62E+00	9.92E-02	2.30E-01	1.75E-01	1.65E+01	7.26E+05	3.21E+01	6.83E-06	1.63E-06	7.94E-02	8.56E-03	4.60E+00	3.07E+01	7.26E+05	5.36E-04	7.26E+05	7.26E+05	3.53E+01	0.00E+00	0.00E+00	0.00E+00	7.53E+00
	FL386B	1.81E-01	3.42E+01	-9.70E-01	3.51E+01	0.00E+00	0.00E+00	1.05E+04	2.28E-04	2.55E-02	2.64E-01	8.35E-02	4.10E+01	1.42E-06	1.43E-06	3.66E+01	4.56E+00	1.13E-01	6.27E-01	2.36E-01	1.67E+01	7.06E+05	3.21E+01	6.79E-06	1.71E-06	9.61E-02	8.57E-03	5.42E+00	3.17E+01	7.06E+05	6.12E-04	7.06E+05	7.06E+05	3.71E+01	0.00E+00	0.00E+00	0.00E+00	1.01E+01
	FL387B	2.75E-01	4.75E+01	-1.24E+00	4.87E+01	0.00E+00	0.00E+00	1.25E+04	3.18E-04	3.71E-02	3.86E-01	1.11E-01	4.62E+01	1.55E-06	6.19E-06	3.77E+01	5.37E+00	1.50E-01	6.72E-01	3.63E-01	2.07E+01	8.49E+05	3.84E+01	1.01E-05	2.30E-06	1.40E-01	1.02E-02	4.90E+00	4.26E+01	8.49E+05	1.11E-03	8.49E+05	8.49E+05	4.75E+01	0.00E+00	0.00E+00	0.00E+00	1.56E+01
	FL402B	2.12E-01	3.39E+01	-5.94E-01	3.45E+01	0.00E+00	0.00E+00	1.05E+04	2.29E-04	2.85E-02	2.96E-01	1.02E-01	4.10E+01	9.64E-07	1.61E-06	2.97E+01	4.62E+00	1.38E-01	2.64E-01	2.00E-01	1.77E+01	7.26E+05	6.06E+01	9.44E-06	1.94E-06	1.08E-01	9.19E-03	4.80E+00	3.35E+01	7.26E+05	5.29E-04	7.26E+05	7.26E+05	3.83E+01	0.00E+00	0.00E+00	0.00E+00	8.59E+00
	FL406B	2.34E-01	3.63E+01	-5.14E-01	3.68E+01	0.00E+00	0.00E+00	1.06E+04	2.35E-04	3.08E-02	3.21E-01	1.07E-01	3.97E+01	1.23E-06	2.24E-06	3.38E+01	4.56E+00	1.44E-01	2.54E-01	2.62E-01	1.81E+01	7.05E+05	5.92E+01	9.86E-06	2.00E-06	1.18E-01	9.26E-03	4.96E+00	3.40E+01	7.05E+05	5.66E-04	7.05E+05	7.05E+05	3.89E+01	0.00E+00	0.00E+00	0.00E+00	1.13E+01
	FL407B	2.87E-01	4.37E+01	-6.87E-01	4.44E+01	0.00E+00	0.00E+00	1.06E+04	2.44E-04	3.81E-02	3.97E-01	1.42E-01	4.46E+01	1.34E-06	1.86E-06	3.47E+01	5.32E+00	1.92E-01	3.10E-01	2.42E-01	2.13E+01	8.49E+05	6.98E+01	1.26E-05	2.36E-06	1.46E-01	1.05E-02	3.81E+00	4.57E+01	8.49E+05	5.43E-04	8.49E+05	8.49E+05	4.95E+01	0.00E+00	0.00E+00	0.00E+00	1.04E+01
Distribution A4	GD213A	1.70E-03	2.52E-01	0.00E+00	2.52E-01	0.00E+00	0.00E+00	1.65E-01	9.47E-08	7.49E-04	8.22E-03	0.00E+00	0.00E+00	4.43E-12	8.58E-11	6.15E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-05	8.86E-03	3.52E+00	0.00E+00	3.87E-10	1.30E-08	2.07E-03	6.31E-06	4.70E-03	0.00E+00	3.52E+00	9.93E-09	3.52E+00	3.53E+00	4.70E-03	0.00E+00	0.00E+00	0.00E+00	9.58E-04
	B04000	2.50E-04	3.70E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	2.42E-02	1.39E-08	1.10E-04	1.21E-03	0.00E+00	0.00E+00	6.50E-13	1.26E-11	9.02E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.30E-03	5.16E-01	0.00E+00	5.67E-11	1.91E-09	3.04E-04	9.25E-07	6.89E-04	0.00E+00	5.16E-01	1.46E-09	5.16E-01	5.17E-01	6.89E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04
	B04021	2.95E-03	4.59E-01	0.00E+00	4.59E-01	0.00E+00	0.00E+00	3.01E-01	1.73E-07	1.36E-03	1.50E-02	0.00E+00	0.00E+00	8.09E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.07E-05	1.61E-02	6.41E+00	0.00E+00	7.04E-10	2.37E-08	3.78E-03	1.15E-05	8.56E-03	0.00E+00	6.41E+00	1.81E-08	6.41E+00	6.42E+00	8.56E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-03
	B04085	1.93E-03	3.05E-01	0.00E+00	3.05E-01	0.00E+00	0.00E+00	2.00E-01	1.14E-07	9.06E-04	9.94E-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	4.26E+00	0.00E+00	4.68E-10	1.57E-08	2.51E-03	7.63E-06	5.68E-03	0.00E+00	4.26E+00	1.20E-08	4.26E+00	4.26E+00	5.68E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-03
	B04086	2.04E-03	3.01E-01	0.00E+00	3.01E-01	0.00E+00	0.00E+00	1.98E-01	1.13E-07	8.95E-04	9.82E-03	0.00E+00	0.00E+00	5.30E-12	1.03E-10	7.34E-04	0.00E+00	0.00E+00	0.00E+00	2.67E-05	1.06E-02	4.21E+00	0.00E+00	4.62E-10	1.55E-08	2.48E-03	7.54E-06	5.61E-03	0.00E+00	4.21E+00	1.19E-08	4.21E+00	4.21E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-03
	B04089	3.47E-03	5.48E-01	0.00E+00	5.48E-01	0.00E+00	0.00E+00	3.59E-01	2.06E-07	1.63E-03	1.79E-02	0.00E+00	0.00E+00	9.64E-12	1.86E-10	1.34E-03	0.00E+00	0.00E+00	0.00E+00	4.85E-05	1.93E-02	7.65E+00	0.00E+00	8.41E-10	2.82E-08	4.50E-03	1.37E-05	1.02E-02	0.00E+00	7.65E+00	2.16E-08	7.65E+00	7.66E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
	B04090	4.80E-03	7.56E-01	0.00E+00	7.56E-01	0.00E+00	0.00E+00	4.96E-01	2.84E-07	2.25E-03	2.47E-02	0.00E+00	0.00E+00	1.33E-11	2.57E-10	1.84E-03	0.00E+00	0.00E+00	0.00E+00	6.70E-05	2.66E-02	1.06E+01	0.00E+00	1.16E-09	3.90E-08	6.22E-03	1.89E-05	1.41E-02	0.00E+00	1.06E+01	2.98E-08	1.06E+01	1.06E+01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	2.88E-03
	B04911	1.61E-04	2.53E-02	0.00E+00	2.53E-02	0.00E+00	0.00E+00	1.66E-02	9.47E-09	7.48E-05	8.23E-04	0.00E+00	0.00E+00	4.43E-13	8.62E-12	6.15E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	8.86E-04	3.53E-01	0.00E+00	3.88E-11	1.30E-09	2.08E-04	6.30E-07	4.72E-04	0.00E+00	3.53E-01	9.93E-10	3.53E-01	3.52E-01	4.72E-04	0.00E+00	0.00E+00	0.00E+00	9.58E-05
	B04912	1.64E-04	2.57E-02	0.00E+00	2.57E-02	0.00E+00	0.00E+00	1.69E-02	9.65E-09	7.67E-05	8.39E-04	0.00E+00	0.00E+00	4.52E-13	8.75E-12	6.27E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.05E-04	3.60E-01	0.00E+00	3.95E-11	1.33E-09	2.11E-04	6.45E-07	4.80E-04	0.00E+00	3.60E-01	1.01E-09	3.60E-01	3.58E-01	4.80E-04	0.00E+00	0.00E+00	0.00E+00	9.80E-05
	B04917	1.15E-03	1.71E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	1.12E-01	6.41E-08	5.08E-04	5.57E-03	0.00E+00	0.00E+00	3.01E-12	5.81E-11	4.17E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-05	6.00E-03	2.39E+00	0.00E+00	2.62E-10	8.81E-09	1.40E-03	4.28E-06	3.18E-03	0.00E+00	2.39E+00	6.73E-09	2.39E+00	2.39E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	6.49E-04
	B04918	1.56E-03	2.30E-01	0.00E+00	2.30E-01	0.00E+00	0.00E+00	1.51E-01	8.65E-08	6.84E-04	7.51E-03	0.00E+00	0.00E+00	4.05E-12	7.84E-11	5.61E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-05	8.09E-03	3.22E+00	0.00E+00	3.53E-10	1.19E-08	1.89E-03	5.76E-06	4.29E-03	0.00E+00	3.22E+00	9.07E-09	3.22E+00	3.22E+00	4.29E-03	0.00E+00	0.00E+00	0.00E+00	8.75E-04
	B04919	1.89E-03	2.80E-01	0.00E+00	2.80E-01	0.00E+00	0.00E+00	1.83E-01	1.05E-07	8.31E-04	9.12E-03	0.00E+00	0.00E+00	4.92E-12	9.52E-11	6.82E-04	0.00E+00	0.00E+00	0.00E+00	2.48E-05	9.83E-03	3.91E+00	0.00E+00	4.29E-10	1.44E-08	2.30E-03	7.00E-06	5.21E-03	0.00E+00	3.91E+00	1.10E-08	3.91E+00	3.91E+00	5.21E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-03
	B04925	6.17E-04	9.75E-02	0.00E+00	9.75E-02	0.00E+00	0.00E+00	6.40E-02	3.65E-08	2.90E-04	3.18E-03	0.00E+00	0.00E+00	1.71E-12	3.33E-11	2.38E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-06	3.43E-03	1.36E+00	0.00E+00	1.50E-10	5.02E-09	8.01E-04	2.43E-06	1.82E-03	0.00E+00	1.36E+00	3.84E-09	1.36E+00	1.36E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	3.70E-04
	B04926	7.44E-04	1.12E-01	0.00E+00	1.12E-01	0.00E+00	0.00E+00	7.37E-02	4.22E-08	3.34E-04	3.66E-03	0.00E+00	0.00E+00	1.98E-12	3.82E-11	2.74E-04	0.00E+00	0.00E+00	0.00E+00	9.94E-06	3.95E-03	1.57E+00	0.00E+00	1.72E-10	5.79E-09	9.24E-04	2.81E-06	2.09E-03	0.00E+00	1.57E+00	4.43E-09	1.57E+00	1.57E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	4.27E-04
	B04927	1.17E-03	1.74E-01	0.00E+00	1.74E-01	0.00E+00	0.00E+00	1.14E-01	6.53E-08	5.16E-04	5.67E-03	0.00E+00	0.00E+00	3.06E-12	5.91E-11	4.24E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	6.11E-03	2.43E+00	0.00E+00	2.67E-10	8.96E-09	1.43E-03	4.35E-06	3.24E-03	0.00E+00	2.43E+00	6.85E-09	2.43E+00	2.43E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	6.61E-04
	B04928	1.49E-03	2.20E-01	0.00E+00	2.20E-01	0.00E+00	0.00E+00	1.45E-01	8.28E-08	6.55E-04	7.18E-03	0.00E+00	0.00E+00	3.88E-12	7.50E-11	5.37E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	7.74E-03	3.08E+00	0.00E+00	3.38E-10	1.14E-08	1.81E-03	5.52E-06	4.11E-03	0.00E+00	3.08E+00	8.68E-09	3.08E+00	3.08E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	8.38E-04
	B04929	1.85E-03	2.74E-01	0.00E+00	2.74E-01	0.00E+00	0.00E+00	1.79E-01	1.03E-07	8.13E-04	8.92E-03	0.00E+00	0.00E+00	4.81E-12	9.31E-11	6.67E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	9.61E-03	3.82E+00	0.00E+00	4.20E-10	1.41E-08	2.25E-03	6.85E-06	5.10E-03	0.00E+00	3.82E+00	1.08E-08	3.82E+00	3.83E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
	B04943	8.30E-04	1.31E-01	0.00E+00	1.31E-01	0.00E+00	0.00E+00	8.59E-02	4.92E-08	3.89E-04	4.27E-03	0.00E+00	0.00E+00	2.30E-12	4.46E-11	3.19E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-05	4.60E-03	1.83E+00	0.00E+00	2.01E-10	6.75E-09	1.08E-03	3.28E-06	2.44E-03	0.00E+00	1.83E+00	5.16E-09	1.83E+00	1.83E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	4.98E-04
	B04944	1.15E-03	1.81E-01	0.00E+00	1.81E-01	0.00E+00	0.00E+00	1.18E-01	6.78E-08	5.37E-04	5.89E-03	0.00E+00	0.00E+00	3.18E-12	6.15E-11	4.40E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	6.35E-03	2.52E+00	0.00E+00	2.77E-10	9.31E-09	1.49E-03	4.52E-06	3.37E-03	0.00E+00	2.52E+00	7.12E-09	2.52E+00	2.53E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	6.87E-04
	B04945	1.59E-03	2.50E-01	0.00E+00	2.50E-01	0.00E+00	0.00E+00	1.64E-01	9.40E-08	7.44E-04	8.16E-03	0.00E+00	0.00E+00	4.40E-12	8.52E-11	6.10E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	8.80E-03	3.50E+00	0.00E+00	3.84E-10	1.29E-08	2.06E-03	6.26E-06	4.67E-03	0.00E+00	3.50E+00	9.87E-09	3.50E+00	3.50E+00	4.67E-03	0.00E+00	0.00E+00	0.00E+00	9.52E-04
	B04946	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	9.51E-03	0.00E+00	0.00E+00	5.13E-12	9.92E-11	7.11E-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	7.30E-06	5.43E-03	0.00E+00	4.07E+00	1.15E-08	4.07E+00	4.08E+00	5.43E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-03
	B04947	2.49E-03	3.92E-01	0.00E+00	3.92E-01	0.00E+00	0.00E+00	2.57E-01	1.47E-07	1.16E-03	1.28E-02	0.00E+00	0.00E+00	6.90E-12	1.33E-10	9.56E-04	0.00E+00	0.00E+00	0.00E+00	3.47E-05	1.38E-02	5.47E+00	0.00E+00	6.02E-10	2.02E-08	3.22E-03	9.81E-06	7.31E-03	0.00E+00	5.47E+00	1.54E-08	5.47E+00	5.48E+00	7.31E-03	0.00E+00	0.00E+00	0.00E+00	1.49E-03
	B04956	1.85E-03	2.92E-01	0.00E+00	2.92E-01	0.00E+00	0.00E+00	1.92E-01	1.10E-07	8.69E-04	9.54E-03	0.00E+00	0.00E+00	5.15E-12	9.96E-11	7.13E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-05	1.03E-02	4.09E+00	0.00E+00	4.49E-10	1.51E-08	2.41E-03	7.32E-06	5.45E-03	0.00E+00	4.09E+00	1.15E-08	4.09E+00	4.09E+00	5.45E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-03
	B04957	2.47E-03	3.89E-01	0.00E+00	3.89E-01	0.00E+00	0.00E+00	2.55E-01	1.46E-07	1.16E-03	1.27E-02	0.00E+00	0.00E+00	6.84E-12	1.32E-10	9.48E-04	0.00E+00	0.00E+00	0.00E+00	3.44E-05	1.37E-02	5.43E+00	0.00E+00	5.97E-10	2.01E-08	3.20E-03	9.73E-06	7.25E-03	0.00E+00	5.43E+00	1.53E-08	5.43E+00	5.44E+00	7.25E-03	0.00E+00	0.00E+00	0.00E+00	1.48E-03
	B05169	5.56E-05	8.77E-03	0.00E+00	8.77E-03	0.00E+00	0.00E+00	5.75E-03	3.29E-09	2.61E-05	2.86E-04	0.00E+00	0.00E+00	1.54E-13	2.99E-12	2.14E-05	0.00E+00	0.00E+00	0.00E+00	7.76E-07	3.08E-04	1.23E-01	0.00E+00	1.35E-11	4.52E-10	7.21E-05	2.20E-07	1.63E-04	0.00E+00	1.23E-01	3.46E-10	1.23E-01	1.23E-01	1.63E-04	0.00E+00	0.00E+00	0.00E+00	3.33E-05
	B05172	1.60E-04	2.42E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	1.59E-02	9.13E-09	7.21E-05	7.87E-04	0.00E+00	0.00E+00	4.30E-13	8.21E-12	5.93E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.49E-04	3.38E-01	0.00E+00	3.69E-11	1.26E-09	2.00E-04	6.08E-07	4.50E-04	0.00E+00	3.38E-01	9.61E-10	3.38E-01	3.43E-01	4.50E-04	0.00E+00	0.00E+00	0.00E+00	9.23E-05
	B05173	2.42E-04	3.73E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	2.45E-02	1.40E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.57E-13	1.27E-11	9.10E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	1.31E-03	5.21E-01	0.00E+00	5.72E-11	1.92E-09	3.07E-04	9.34E-07	6.95E-04	0.00E+00	5.21E-01	1.47E-09	5.21E-01	5.22E-01	6.95E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
	B05174	5.90E-05	9.12E-03	0.00E+00	9.12E-03	0.00E+00	0.00E+00	6.02E-03	3.40E-09	2.73E-05	2.99E-04	0.00E+00	0.00E+00	1.61E-13	3.12E-12	2.23E-05	0.00E+00	0.00E+00	0.00E+00	8.04E-07	3.20E-04	1.28E-01	0.00E+00	1.42E-11	4.71E-10	7.58E-05	2.32E-07	1.71E-04	0.00E+00	1.28E-01	3.60E-10	1.28E-01	1.28E-01	1.71E-04	0.00E+00	0.00E+00	0.00E+00	3.50E-05
	B05182	7.07E-05	1.10E-02	0.00E+00	1.10E-02	0.00E+00	0.00E+00	7.25E-03	4.13E-09	3.28E-05	3.61E-04	0.00E+00	0.00E+00	1.95E-13	3.76E-12	2.70E-05	0.00E+00	0.00E+00	0.00E+00	9.74E-07	3.87E-04	1.54E-01	0.00E+00	1.71E-11	5.72E-10	9.12E-05	2.79E-07	2.06E-04	0.00E+00	1.54E-01	4.37E-10	1.54E-01	1.54E-01	2.06E-04	0.00E+00	0.00E+00	0.00E+00	4.21E-05
	B05184	1.47E-05	2.32E-03	0.00E+00	2.32E-03	0.00E+00	0.00E+00	1.52E-03	8.73E-10	6.91E-06	7.58E-05	0.00E+00	0.00E+00	4.09E-14	7.91E-13	5.67E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-07	8.17E-05	3.25E-02	0.00E+00	3.57E-12	1.20E-10	1.91E-05	5.82E-08	4.33E-05	0.00E+00	3.25E-02	9.16E-11	3.25E-02	3.25E-02	4.33E-05	0.00E+00	0.00E+00	0.00E+00	8.84E-06
	B05186	1.47E-05	2.32E-03	0.00E+00	2.32E-03	0.00E+00	0.00E+00	1.52E-03	8.73E-10	6.91E-06	7.58E-05	0.00E+00	0.00E+00	4.09E-14	7.91E-13	5.67E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-07	8.17E-05	3.25E-02	0.00E+00	3.57E-12	1.20E-10	1.91E-05	5.82E-08	4.33E-05	0.00E+00	3.25E-02	9.16E-11	3.25E-02	3.25E-02	4.33E-05	0.00E+00	0.00E+00	0.00E+00	8.84E-06
	B05188	5.43E-05	8.40E-03	0.00E+00	8.40E-03	0.00E+00	0.00E+00	5.54E-03	3.14E-09	2.51E-05	2.75E-04	0.00E+00	0.00E+00	1.48E-13	2.86E-12	2.05E-05	0.00E+00	0.00E+00	0.00E+00	7.41E-07	2.94E-04	1.18E-01	0.00E+00	1.31E-11	4.35E-10	6.97E-05	2.12E-07	1.57E-04	0.00E+00	1.18E-01	3.32E-10	1.18E-01	1.17E-01	1.57E-04	0.00E+00	0.00E+00	0.00E+00	3.22E-05
	B05190	3.26E-05	4.93E-03	0.00E+00	4.93E-03	0.00E+00	0.00E+00	3.21E-03	1.82E-09	1.45E-05	1.58E-04	0.00E+00	0.00E+00	8.41E-14	1.63E-12	1.19E-05	0.00E+00	0.00E+00	0.00E+00	4.29E-07	1.70E-04	6.73E-02	0.00E+00	7.50E-12	2.50E-10	4.02E-05	1.21E-07	9.04E-05	0.00E+00	6.73E-02	1.91E-10	6.73E-02	6.69E-02	9.04E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-05
	B05191	5.07E-05	7.81E-03	0.00E+00	7.81E-03	0.00E+00	0.00E+00	5.15E-03	2.92E-09	2.33E-05	2.56E-04	0.00E+00	0.00E+00	1.37E-13	2.65E-12	1.91E-05	0.00E+00	0.00E+00	0.00E+00	6.89E-07	2.73E-04	1.09E-01	0.00E+00	1.22E-11	4.04E-10	6.47E-05	1.97E-07	1.46E-04	0.00E+00	1.09E-01	3.09E-10	1.09E-01	1.09E-01	1.46E-04	0.00E+00	0.00E+00	0.00E+00	3.00E-05
	B05192	5.07E-05	7.81E-03	0.00E+00	7.81E-03	0.00E+00	0.00E+00	5.15E-03	2.92E-09	2.33E-05	2.56E-04	0.00E+00	0.00E+00	1.37E-13	2.65E-12	1.91E-05	0.00E+00	0.00E+00	0.00E+00	6.89E-07	2.73E-04	1.09E-01	0.00E+00	1.22E-11	4.04E-10	6.47E-05	1.97E-07	1.46E-04	0.00E+00	1.09E-01	3.09E-10	1.09E-01	1.09E-01	1.46E-04	0.00E+00	0.00E+00	0.00E+00	3.00E-05
	B05196	2.98E-05	4.51E-03	0.00E+00	4.51E-03	0.00E+00	0.00E+00	2.93E-03	1.66E-09	1.33E-05	1.44E-04	0.00E+00	0.00E+00	7.66E-14	1.48E-12	1.09E-05	0.00E+00	0.00E+00	0.00E+00	3.92E-07	1.55E-04	6.14E-02	0.00E+00	6.86E-12	2.28E-10	3.67E-05	1.11E-07	8.24E-05	0.00E+00	6.14E-02	1.74E-10	6.14E-02	6.09E-02	8.24E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05
	B05197	1.59E-04	2.41E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.58E-02	9.07E-09	7.18E-05	7.83E-04	0.00E+00	0.00E+00	4.27E-13	8.17E-12	5.89E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	8.44E-04	3.36E-01	0.00E+00	3.67E-11	1.25E-09	1.99E-04	6.05E-07	4.47E-04	0.00E+00	3.36E-01	9.56E-10	3.36E-01	3.42E-01	4.47E-04	0.00E+00	0.00E+00	0.00E+00	9.19E-05
	B05198	2.32E-04	3.61E-02	0.00E+00	3.61E-02	0.00E+00	0.00E+00	2.37E-02	1.36E-08	1.07E-04	1.18E-03	0.00E+00	0.00E+00	6.34E-13	1.23E-11	8.80E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-06	1.27E-03	5.04E-01	0.00E+00	5.54E-11	1.86E-09	2.97E-04	9.04E-07	6.72E-04	0.00E+00	5.04E-01	1.42E-09	5.04E-01	5.05E-01	6.72E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
	B05199	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.35E-02	7.76E-09	6.04E-05	6.66E-04	0.00E+00	0.00E+00	3.63E-13	6.91E-12	5.01E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.14E-04	2.85E-01	0.00E+00	3.11E-11	1.07E-09	1.70E-04	5.17E-07	3.84E-04	0.00E+00	2.85E-01	8.15E-10	2.85E-01	2.92E-01	3.84E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-05
	B05762	6.61E-04	1.04E-01	0.00E+00	1.04E-01	0.00E+00	0.00E+00	6.85E-02	3.91E-08	3.10E-04	3.40E-03	0.00E+00	0.00E+00	1.84E-12	3.55E-11	2.55E-04	0.00E+00	0.00E+00	0.00E+00	9.27E-06	3.67E-03	1.46E+00	0.00E+00	1.60E-10	5.37E-09	8.59E-04	2.61E-06	1.95E-03	0.00E+00	1.46E+00	4.11E-09	1.46E+00	1.46E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	3.97E-04
	B05763	6.23E-04	9.81E-02	0.00E+00	9.81E-02	0.00E+00	0.00E+00	6.43E-02	3.67E-08	2.91E-04	3.19E-03	0.00E+00	0.00E+00	1.73E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.70E-06	3.45E-03	1.37E+00	0.00E+00	1.51E-10	5.04E-09	8.07E-04	2.46E-06	1.83E-03	0.00E+00	1.37E+00	3.86E-09	1.37E+00	1.37E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	3.73E-04
	B05765	9.46E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.61E-02	5.50E-08	4.36E-04	4.78E-03	0.00E+00	0.00E+00	2.58E-12	4.99E-11	3.57E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.15E-03	2.05E+00	0.00E+00	2.25E-10	7.56E-09	1.21E-03	3.67E-06	2.73E-03	0.00E+00	2.05E+00	5.78E-09	2.05E+00	2.05E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	5.57E-04
	B05767	5.95E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.03E-02	3.46E-08	2.73E-04	3.00E-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	8.15E-06	3.23E-03	1.29E+00	0.00E+00	1.41E-10	4.75E-09	7.59E-04	2.32E-06	1.71E-03	0.00E+00	1.29E+00	3.63E-09	1.29E+00	1.30E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.52E-04
	B05768	5.98E-04	9.05E-02	0.00E+00	9.05E-02	0.00E+00	0.00E+00	5.92E-02	3.40E-08	2.68E-04	2.94E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.01E-06	3.18E-03	1.26E+00	0.00E+00	1.39E-10	4.67E-09	7.46E-04	2.28E-06	1.68E-03	0.00E+00	1.26E+00	3.57E-09	1.26E+00	1.27E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
	B05769	2.98E-05	4.51E-03	0.00E+00	4.51E-03	0.00E+00	0.00E+00	2.93E-03	1.66E-09	1.33E-05	1.44E-04	0.00E+00	0.00E+00	7.66E-14	1.48E-12	1.09E-05	0.00E+00	0.00E+00	0.00E+00	3.92E-07	1.55E-04	6.14E-02	0.00E+00	6.86E-12	2.28E-10	3.67E-05	1.11E-07	8.24E-05	0.00E+00	6.14E-02	1.74E-10	6.14E-02	6.09E-02	8.24E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05
	B05770	2.98E-05	4.51E-03	0.00E+00	4.51E-03	0.00E+00	0.00E+00	2.93E-03	1.66E-09	1.33E-05	1.44E-04	0.00E+00	0.00E+00	7.66E-14	1.48E-12	1.09E-05	0.00E+00	0.00E+00	0.00E+00	3.92E-07	1.55E-04	6.14E-02	0.00E+00	6.86E-12	2.28E-10	3.67E-05	1.11E-07	8.24E-05	0.00E+00	6.14E-02	1.74E-10	6.14E-02	6.09E-02	8.24E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05
	B05774	9.53E-05	1.50E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	9.99E-03	5.64E-09	4.47E-05	4.91E-04	0.00E+00	0.00E+00	2.68E-13	5.14E-12	3.67E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-06	5.31E-04	2.10E-01	0.00E+00	2.30E-11	7.79E-10	1.25E-04	3.80E-07	2.83E-04	0.00E+00	2.10E-01	5.99E-10	2.10E-01	2.13E-01	2.83E-04	0.00E+00	0.00E+00	0.00E+00	5.72E-05
	B06521	5.66E-04	8.92E-02	0.00E+00	8.92E-02	0.00E+00	0.00E+00	5.85E-02	3.35E-08	2.65E-04	2.91E-03	0.00E+00	0.00E+00	1.57E-12	3.04E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	7.90E-06	3.14E-03	1.25E+00	0.00E+00	1.37E-10	4.60E-09	7.34E-04	2.23E-06	1.66E-03	0.00E+00	1.25E+00	3.52E-09	1.25E+00	1.25E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
	B06522	8.10E-04	1.28E-01	0.00E+00	1.28E-01	0.00E+00	0.00E+00	8.37E-02	4.79E-08	3.79E-04	4.16E-03	0.00E+00	0.00E+00	2.25E-12	4.35E-11	3.11E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-05	4.49E-03	1.78E+00	0.00E+00	1.96E-10	6.58E-09	1.05E-03	3.20E-06	2.38E-03	0.00E+00	1.78E+00	5.03E-09	1.78E+00	1.79E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	4.85E-04
	B06523	1.89E-03	2.97E-01	0.00E+00	2.97E-01	0.00E+00	0.00E+00	1.95E-01	1.12E-07	8.84E-04	9.70E-03	0.00E+00	0.00E+00	5.23E-12	1.01E-10	7.25E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05	1.05E-02	4.15E+00	0.00E+00	4.57E-10	1.53E-08	2.45E-03	7.45E-06	5.54E-03	0.00E+00	4.15E+00	1.17E-08	4.15E+00	4.16E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-03
	B06524	2.74E-03	4.31E-01	0.00E+00	4.31E-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	7.59E-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	6.62E-10	2.22E-08	3.55E-03	1.08E-05	8.04E-03	0.00E+00	6.03E+00	1.70E-08	6.03E+00	6.03E+00	8.04E-03	0.00E+00	0.00E+00	0.00E+00	1.64E-03
	B06525	3.04E-03	4.80E-01	0.00E+00	4.80E-01	0.00E+00	0.00E+00	3.15E-01	1.80E-07	1.43E-03	1.57E-02	0.00E+00	0.00E+00	8.45E-12	1.63E-10	1.17E-03	0.00E+00	0.00E+00	0.00E+00	4.25E-05	1.69E-02	6.70E+00	0.00E+00	7.37E-10	2.48E-08	3.95E-03	1.20E-05	8.95E-03	0.00E+00	6.70E+00	1.89E-08	6.70E+00	6.71E+00	8.95E-03	0.00E+00	0.00E+00	0.00E+00	1.83E-03
	B06526	4.44E-03	7.00E-01	0.00E+00	7.00E-01	0.00E+00	0.00E+00	4.59E-01	2.63E-07	2.08E-03	2.28E-02	0.00E+00	0.00E+00	1.23E-11	2.38E-10	1.71E-03	0.00E+00	0.00E+00	0.00E+00	6.20E-05	2.46E-02	9.78E+00	0.00E+00	1.07E-09	3.61E-08	5.76E-03	1.75E-05	1.30E-02	0.00E+00	9.78E+00	2.76E-08	9.78E+00	9.79E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	2.66E-03
	B06527	6.22E-03	9.80E-01	0.00E+00	9.80E-01	0.00E+00	0.00E+00	6.43E-01	3.68E-07	2.91E-03	3.20E-02	0.00E+00	0.00E+00	1.73E-11	3.34E-10	2.39E-03	0.00E+00	0.00E+00	0.00E+00	8.68E-05	3.45E-02	1.37E+01	0.00E+00	1.50E-09	5.06E-08	8.06E-03	2.45E-05	1.83E-02	0.00E+00	1.37E+01	3.86E-08	1.37E+01	1.37E+01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	3.73E-03
	B06528	8.65E-03	1.36E+00	0.00E+00	1.36E+00	0.00E+00	0.00E+00	8.95E-01	5.12E-07	4.05E-03	4.45E-02	0.00E+00	0.00E+00	2.40E-11	4.64E-10	3.33E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-04	4.79E-02	1.91E+01	0.00E+00	2.09E-09	7.03E-08	1.12E-02	3.41E-05	2.54E-02	0.00E+00	1.91E+01	5.38E-08	1.91E+01	1.91E+01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	5.19E-03
	B06534	6.67E-04	1.05E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.90E-02	3.95E-08	3.13E-04	3.43E-03	0.00E+00	0.00E+00	1.85E-12	3.58E-11	2.57E-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	4.15E-09	1.47E+00	1.47E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-04
	B06537	9.26E-04	1.46E-01	0.00E+00	1.46E-01	0.00E+00	0.00E+00	9.58E-02	5.48E-08	4.34E-04	4.76E-03	0.00E+00	0.00E+00	2.57E-12	4.97E-11	3.56E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-05	5.13E-03	2.04E+00	0.00E+00	2.24E-10	7.53E-09	1.20E-03	3.66E-06	2.72E-03	0.00E+00	2.04E+00	5.76E-09	2.04E+00	2.04E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	5.55E-04
	B06540	2.32E-03	3.65E-01	0.00E+00	3.65E-01	0.00E+00	0.00E+00	2.40E-01	1.37E-07	1.09E-03	1.19E-02	0.00E+00	0.00E+00	6.43E-12	1.24E-10	8.91E-04	0.00E+00	0.00E+00	0.00E+00	3.24E-05	1.28E-02	5.10E+00	0.00E+00	5.61E-10	1.88E-08	3.01E-03	9.15E-06	6.81E-03	0.00E+00	5.10E+00	1.44E-08	5.10E+00	5.11E+00	6.81E-03	0.00E+00	0.00E+00	0.00E+00	1.39E-03
	B06541	3.70E-03	5.83E-01	0.00E+00	5.83E-01	0.00E+00	0.00E+00	3.82E-01	2.19E-07	1.73E-03	1.90E-02	0.00E+00	0.00E+00	1.03E-11	1.98E-10	1.42E-03	0.00E+00	0.00E+00	0.00E+00	5.16E-05	2.05E-02	8.14E+00	0.00E+00	8.95E-10	3.01E-08	4.80E-03	1.46E-05	1.09E-02	0.00E+00	8.14E+00	2.30E-08	8.14E+00	8.16E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	2.22E-03
	B06542	3.39E-03	5.35E-01	0.00E+00	5.35E-01	0.00E+00	0.00E+00	3.51E-01	2.01E-07	1.59E-03	1.74E-02	0.00E+00	0.00E+00	9.41E-12	1.82E-10	1.30E-03	0.00E+00	0.00E+00	0.00E+00	4.74E-05	1.88E-02	7.47E+00	0.00E+00	8.21E-10	2.76E-08	4.40E-03	1.34E-05	9.97E-03	0.00E+00	7.47E+00	2.11E-08	7.47E+00	7.48E+00	9.97E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-03
	B06544	6.58E-03	1.04E+00	0.00E+00	1.04E+00	0.00E+00	0.00E+00	6.81E-01	3.90E-07	3.09E-03	3.39E-02	0.00E+00	0.00E+00	1.83E-11	3.53E-10	2.53E-03	0.00E+00	0.00E+00	0.00E+00	9.19E-05	3.65E-02	1.45E+01	0.00E+00	1.59E-09	5.35E-08	8.54E-03	2.60E-05	1.94E-02	0.00E+00	1.45E+01	4.09E-08	1.45E+01	1.45E+01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	3.95E-03
	B08700	1.08E-02	1.60E+00	0.00E+00	1.60E+00	0.00E+00	0.00E+00	1.05E+00	6.01E-07	4.75E-03	5.22E-02	0.00E+00	0.00E+00	2.81E-11	5.44E-10	3.90E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-04	5.62E-02	2.23E+01	0.00E+00	2.45E-09	8.25E-08	1.32E-02	4.00E-05	2.98E-02	0.00E+00	2.23E+01	6.30E-08	2.23E+01	2.24E+01	2.98E-02	0.00E+00	0.00E+00	0.00E+00	6.08E-03
	B08702	1.08E-02	1.60E+00	0.00E+00	1.60E+00	0.00E+00	0.00E+00	1.05E+00	6.01E-07	4.75E-03	5.22E-02	0.00E+00	0.00E+00	2.81E-11	5.45E-10	3.90E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-04	5.62E-02	2.23E+01	0.00E+00	2.46E-09	8.25E-08	1.32E-02	4.00E-05	2.98E-02	0.00E+00	2.23E+01	6.31E-08	2.23E+01	2.24E+01	2.98E-02	0.00E+00	0.00E+00	0.00E+00	6.08E-03

B08704	2.44E-03	3.81E-01	0.00E+00	3.81E-01	0.00E+00	0.00E+00	2.50E-01	1.43E-07	1.13E-03	1.24E-02	0.00E+00	0.00E+00	6.70E-12	1.30E-10	9.28E-04	0.00E+00	0.00E+00	0.00E+00	3.37E-05	1.34E-02	5.32E+00	0.00E+00	5.84E-10	1.96E-08	3.13E-03	9.53E-06	7.10E-03	0.00E+00	5.32E+00	1.50E-08	5.32E+00	5.32E+00	7.10E-03	0.00E+00	0.00E+00	0.00E+00	1.45E-03
B08705	2.44E-03	3.84E-01	0.00E+00	3.84E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.75E-12	1.31E-10	9.36E-04	0.00E+00	0.00E+00	0.00E+00	3.40E-05	1.35E-02	5.36E+00	0.00E+00	5.89E-10	1.98E-08	3.15E-03	9.60E-06	7.15E-03	0.00E+00	5.36E+00	1.51E-08	5.36E+00	5.37E+00	7.15E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
B08712	2.51E-04	3.87E-02	0.00E+00	3.87E-02	0.00E+00	0.00E+00	2.54E-02	1.45E-08	1.15E-04	1.26E-03	0.00E+00	0.00E+00	6.81E-13	1.32E-11	9.44E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.36E-03	5.41E-01	0.00E+00	5.94E-11	2.00E-09	3.18E-04	9.69E-07	7.22E-04	0.00E+00	5.41E-01	1.53E-09	5.41E-01	5.41E-01	7.22E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
B08716	2.49E-04	3.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.76E-13	1.31E-11	9.36E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.35E-03	5.36E-01	0.00E+00	5.89E-11	1.98E-09	3.16E-04	9.61E-07	7.16E-04	0.00E+00	5.36E-01	1.51E-09	5.36E-01	5.37E-01	7.16E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
FV22A	1.05E-02	1.62E+00	0.00E+00	1.62E+00	0.00E+00	0.00E+00	1.06E+00	6.06E-07	4.80E-03	5.25E-02	0.00E+00	0.00E+00	2.84E-11	5.52E-10	3.94E-03	0.00E+00	0.00E+00	0.00E+00	1.43E-04	5.70E-02	2.27E+01	0.00E+00	2.48E-09	8.29E-08	1.32E-02	4.04E-05	3.00E-02	0.00E+00	2.27E+01	6.35E-08	2.27E+01	2.27E+01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	6.19E-03
FV32A	1.05E-02	1.62E+00	0.00E+00	1.62E+00	0.00E+00	0.00E+00	1.06E+00	6.06E-07	4.80E-03	5.25E-02	0.00E+00	0.00E+00	2.84E-11	5.52E-10	3.94E-03	0.00E+00	0.00E+00	0.00E+00	1.43E-04	5.70E-02	2.27E+01	0.00E+00	2.48E-09	8.29E-08	1.32E-02	4.04E-05	3.00E-02	0.00E+00	2.27E+01	6.35E-08	2.27E+01	2.27E+01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	6.19E-03
FV62A	1.05E-02	1.62E+00	0.00E+00	1.62E+00	0.00E+00	0.00E+00	1.06E+00	6.06E-07	4.80E-03	5.25E-02	0.00E+00	0.00E+00	2.84E-11	5.52E-10	3.94E-03	0.00E+00	0.00E+00	0.00E+00	1.43E-04	5.70E-02	2.27E+01	0.00E+00	2.48E-09	8.29E-08	1.32E-02	4.04E-05	3.00E-02	0.00E+00	2.27E+01	6.35E-08	2.27E+01	2.27E+01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	6.19E-03
FV72A	1.05E-02	1.62E+00	0.00E+00	1.62E+00	0.00E+00	0.00E+00	1.06E+00	6.06E-07	4.80E-03	5.25E-02	0.00E+00	0.00E+00	2.84E-11	5.52E-10	3.94E-03	0.00E+00	0.00E+00	0.00E+00	1.43E-04	5.70E-02	2.27E+01	0.00E+00	2.48E-09	8.29E-08	1.32E-02	4.04E-05	3.00E-02	0.00E+00	2.27E+01	6.35E-08	2.27E+01	2.27E+01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	6.19E-03
GA01A	5.96E-04	9.40E-02	0.00E+00	9.40E-02	0.00E+00	0.00E+00	6.16E-02	3.53E-08	2.79E-04	3.06E-03	0.00E+00	0.00E+00	1.65E-12	3.20E-11	2.29E-04	0.00E+00	0.00E+00	0.00E+00	8.32E-06	3.30E-03	1.31E+00	0.00E+00	1.44E-10	4.85E-09	7.73E-04	2.35E-06	1.75E-03	0.00E+00	1.31E+00	3.70E-09	1.31E+00	1.31E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	3.57E-04
GA01B	6.46E-04	1.02E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.68E-02	3.83E-08	3.03E-04	3.32E-03	0.00E+00	0.00E+00	1.79E-12	3.47E-11	2.49E-04	0.00E+00	0.00E+00	0.00E+00	9.02E-06	3.58E-03	1.42E+00	0.00E+00	1.56E-10	5.26E-09	8.38E-04	2.55E-06	1.90E-03	0.00E+00	1.42E+00	4.02E-09	1.42E+00	1.43E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	3.87E-04
GA055N	9.23E-04	1.46E-01	0.00E+00	1.46E-01	0.00E+00	0.00E+00	9.55E-02	5.47E-08	4.33E-04	4.75E-03	0.00E+00	0.00E+00	2.56E-12	4.95E-11	3.55E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-05	5.12E-03	2.03E+00	0.00E+00	2.23E-10	7.51E-09	1.20E-03	3.64E-06	2.71E-03	0.00E+00	2.03E+00	5.74E-09	2.03E+00	2.04E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	5.53E-04
GD018E	2.11E-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	5.80E-12	1.12E-10	8.04E-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	8.25E-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
GD102A	1.59E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.84E-09	6.99E-05	7.67E-04	0.00E+00	0.00E+00	4.14E-13	8.01E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.27E-04	3.29E-01	0.00E+00	3.61E-11	1.21E-09	1.94E-04	5.89E-07	4.39E-04	0.00E+00	3.29E-01	9.27E-10	3.29E-01	3.29E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	8.95E-05
GD102B	1.60E-04	2.52E-02	0.00E+00	2.52E-02	0.00E+00	0.00E+00	1.65E-02	9.45E-09	7.48E-05	8.21E-04	0.00E+00	0.00E+00	4.43E-13	8.57E-12	6.14E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	8.85E-04	3.52E-01	0.00E+00	3.86E-11	1.30E-09	2.07E-04	6.30E-07	4.69E-04	0.00E+00	3.52E-01	9.92E-10	3.52E-01	3.52E-01	4.69E-04	0.00E+00	0.00E+00	0.00E+00	9.57E-05
GD102E	1.55E-04	2.30E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.51E-02	8.64E-09	6.84E-05	7.50E-04	0.00E+00	0.00E+00	4.05E-13	7.83E-12	5.61E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	8.08E-04	3.21E-01	0.00E+00	3.53E-11	1.19E-09	1.89E-04	5.76E-07	4.29E-04	0.00E+00	3.21E-01	9.07E-10	3.21E-01	3.22E-01	4.29E-04	0.00E+00	0.00E+00	0.00E+00	8.75E-05
GD102N	1.59E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.84E-09	6.99E-05	7.67E-04	0.00E+00	0.00E+00	4.14E-13	8.01E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.27E-04	3.29E-01	0.00E+00	3.61E-11	1.21E-09	1.94E-04	5.89E-07	4.39E-04	0.00E+00	3.29E-01	9.27E-10	3.29E-01	3.29E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	8.95E-05
GD102T	8.05E-05	1.28E-02	0.00E+00	1.28E-02	0.00E+00	0.00E+00	8.28E-03	4.86E-09	3.78E-05	4.13E-04	0.00E+00	0.00E+00	2.23E-13	4.33E-12	3.13E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-06	4.50E-04	1.77E-01	0.00E+00	1.96E-11	6.55E-10	1.04E-04	3.16E-07	2.36E-04	0.00E+00	1.77E-01	5.00E-10	1.77E-01	1.77E-01	2.36E-04	0.00E+00	0.00E+00	0.00E+00	4.80E-05
GD104E	3.34E-04	5.27E-02	0.00E+00	5.27E-02	0.00E+00	0.00E+00	3.45E-02	1.98E-08	1.57E-04	1.72E-03	0.00E+00	0.00E+00	9.27E-13	1.79E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-06	1.85E-03	7.36E-01	0.00E+00	8.08E-11	2.72E-09	4.33E-04	1.32E-06	9.82E-04	0.00E+00	7.36E-01	2.08E-09	7.36E-01	7.37E-01	9.82E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
GD104T	1.45E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.49E-02	8.52E-09	6.77E-05	7.41E-04	0.00E+00	0.00E+00	3.98E-13	7.73E-12	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	7.99E-04	3.18E-01	0.00E+00	3.49E-11	1.17E-09	1.87E-04	5.69E-07	4.24E-04	0.00E+00	3.18E-01	8.95E-10	3.18E-01	3.17E-01	4.24E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-05
GD106A	3.51E-04	5.54E-02	0.00E+00	5.54E-02	0.00E+00	0.00E+00	3.63E-02	2.08E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.75E-13	1.89E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-06	1.95E-03	7.74E-01	0.00E+00	8.50E-11	2.86E-09	4.56E-04	1.39E-06	1.03E-03	0.00E+00	7.74E-01	2.18E-09	7.74E-01	7.75E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
GD106B	3.58E-04	5.65E-02	0.00E+00	5.65E-02	0.00E+00	0.00E+00	3.70E-02	2.12E-08	1.68E-04	1.84E-03	0.00E+00	0.00E+00	9.93E-13	1.92E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	5.00E-06	1.98E-03	7.89E-01	0.00E+00	8.67E-11	2.91E-09	4.64E-04	1.41E-06	1.05E-03	0.00E+00	7.89E-01	2.23E-09	7.89E-01	7.90E-01	1.05E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04
GD106E	3.51E-04	5.54E-02	0.00E+00	5.54E-02	0.00E+00	0.00E+00	3.63E-02	2.08E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.75E-13	1.89E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-06	1.95E-03	7.74E-01	0.00E+00	8.50E-11	2.86E-09	4.56E-04	1.39E-06	1.03E-03	0.00E+00	7.74E-01	2.18E-09	7.74E-01	7.75E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
GD106N	3.69E-04	5.82E-02	0.00E+00	5.82E-02	0.00E+00	0.00E+00	3.82E-02	2.19E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.05E-03	8.13E-01	0.00E+00	8.93E-11	3.00E-09	4.79E-04	1.46E-06	1.08E-03	0.00E+00	8.13E-01	2.29E-09	8.13E-01	8.14E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
GD106Y	3.55E-04	5.57E-02	0.00E+00	5.57E-02	0.00E+00	0.00E+00	3.65E-02	2.09E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.80E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-06	1.96E-03	7.78E-01	0.00E+00	8.55E-11	2.87E-09	4.58E-04	1.39E-06	1.04E-03	0.00E+00	7.78E-01	2.20E-09	7.78E-01	7.79E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
GD108A	4.28E-04	6.76E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	4.43E-02	2.54E-08	2.01E-04	2.20E-03	0.00E+00	0.00E+00	1.19E-12	2.30E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.37E-03	9.44E-01	0.00E+00	1.04E-10	3.48E-09	5.56E-04	1.69E-06	1.26E-03	0.00E+00	9.44E-01	2.66E-09	9.44E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
GD108E	4.28E-04	6.76E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	4.43E-02	2.54E-08	2.01E-04	2.20E-03	0.00E+00	0.00E+00	1.19E-12	2.30E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.37E-03	9.44E-01	0.00E+00	1.04E-10	3.48E-09	5.56E-04	1.69E-06	1.26E-03	0.00E+00	9.44E-01	2.66E-09	9.44E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
GD108N	4.57E-04	7.21E-02	0.00E+00	7.21E-02	0.00E+00	0.00E+00	4.73E-02	2.71E-08	2.14E-04	2.35E-03	0.00E+00	0.00E+00	1.27E-12	2.46E-11	1.76E-04	0.00E+00	0.00E+00	0.00E+00	6.39E-06	2.54E-03	1.01E+00	0.00E+00	1.11E-10	3.72E-09	5.93E-04	1.81E-06	1.34E-03	0.00E+00	1.01E+00	2.84E-09	1.01E+00	1.01E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
GD110A	4.99E-04	7.86E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.16E-02	2.95E-08	2.34E-04	2.56E-03	0.00E+00	0.00E+00	1.38E-12	2.68E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-06	2.76E-03	1.10E+00	0.00E+00	1.21E-10	4.05E-09	6.47E-04	1.97E-06	1.47E-03	0.00E+00	1.10E+00	3.10E-09	1.10E+00	1.10E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
GD110E	4.99E-04	7.86E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.16E-02	2.95E-08	2.34E-04	2.56E-03	0.00E+00	0.00E+00	1.38E-12	2.68E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-06	2.76E-03	1.10E+00	0.00E+00	1.21E-10	4.05E-09	6.47E-04	1.97E-06	1.47E-03	0.00E+00	1.10E+00	3.10E-09	1.10E+00	1.10E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
GD110N	5.30E-04	8.35E-02	0.00E+00	8.35E-02	0.00E+00	0.00E+00	5.48E-02	3.14E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.94E-03	1.17E+00	0.00E+00	1.28E-10	4.31E-09	6.87E-04	2.09E-06	1.56E-03	0.00E+00	1.17E+00	3.29E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
GD113A	1.13E-03	1.78E-01	0.00E+00	1.78E-01	0.00E+00	0.00E+00	1.17E-01	6.67E-08	5.28E-04	5.79E-03	0.00E+00	0.00E+00	3.13E-12	6.05E-11	4.33E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	6.24E-03	2.48E+00	0.00E+00	2.73E-10	9.16E-09	1.46E-03	4.45E-06	3.31E-03	0.00E+00	2.48E+00	7.00E-09	2.48E+00	2.48E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	6.75E-04
GD113D	1.14E-03	1.78E-01	0.00E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-01	6.67E-08	5.28E-04	5.79E-03	0.00E+00	0.00E+00	3.12E-12	6.05E-11	4.33E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	6.24E-03	2.48E+00	0.00E+00	2.73E-10	9.15E-09	1.46E-03	4.44E-06	3.31E-03	0.00E+00	2.48E+00	7.00E-09	2.48E+00	2.48E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	6.76E-04
GD113F	1.15E-03	1.81E-01	0.00E+00	1.81E-01	0.00E+00	0.00E+00	1.19E-01	6.81E-08	5.39E-04	5.91E-03	0.00E+00	0.00E+00	3.19E-12	6.17E-11	4.42E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-05	6.37E-03	2.53E+00	0.00E+00	2.78E-10	9.35E-09	1.49E-03	4.54E-06	3.38E-03	0.00E+00	2.53E+00	7.15E-09	2.53E+00	2.54E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	6.90E-04
GD113H	1.29E-03	2.03E-01	0.00E+00	2.03E-01	0.00E+00	0.00E+00	1.33E-01	7.64E-08	6.05E-04	6.63E-03	0.00E+00	0.00E+00	3.58E-12	6.92E-11	4.96E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-05	7.15E-03	2.84E+00	0.00E+00	3.12E-10	1.05E-08	1.67E-03	5.09E-06	3.79E-03	0.00E+00	2.84E+00	8.02E-09	2.84E+00	2.84E+00	3.79E-03	0.00E+00	0.00E+00	0.00E+00	7.73E-04
GD113J	1.14E-03	1.74E-01	0.00E+00	1.74E-01	0.00E+00	0.00E+00	1.14E-01	6.52E-08	5.16E-04	5.67E-03	0.00E+00	0.00E+00	3.06E-12	5.91E-11	4.24E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	6.10E-03	2.43E+00	0.00E+00	2.67E-10	8.95E-09	1.43E-03	4.35E-06	3.24E-03	0.00E+00	2.43E+00	6.85E-09	2.43E+00	2.43E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	6.61E-04
GD113M	1.14E-03	1.77E-01	0.00E+00	1.77E-01	0.00E+00	0.00E+00	1.16E-01	6.66E-08	5.27E-04	5.79E-03	0.00E+00	0.00E+00	3.12E-12	6.04E-11	4.33E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	6.23E-03	2.48E+00	0.00E+00	2.72E-10	9.14E-09	1.46E-03	4.44E-06	3.31E-03	0.00E+00	2.48E+00	7.00E-09	2.48E+00	2.48E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	6.75E-04
GD113S	1.28E-03	2.02E-01	0.00E+00	2.02E-01	0.00E+00	0.00E+00	1.33E-01	7.60E-08	6.02E-04	6.60E-03	0.00E+00	0.00E+00	3.56E-12	6.89E-11	4.94E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-05	7.11E-03	2.83E+00	0.00E+00	3.11E-10	1.04E-08	1.66E-03	5.07E-06	3.77E-03	0.00E+00	2.83E+00	7.98E-09	2.83E+00	2.83E+00	3.77E-03	0.00E+00	0.00E+00	0.00E+00	7.70E-04
GD113U	1.21E-03	1.90E-01	0.00E+00	1.90E-01	0.00E+00	0.00E+00	1.25E-01	7.15E-08	5.65E-04	6.20E-03	0.00E+00	0.00E+00	3.34E-12	6.47E-11	4.64E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	6.68E-03	2.66E+00	0.00E+00	2.92E-10	9.81E-09	1.56E-03	4.76E-06	3.54E-03	0.00E+00	2.66E+00	7.49E-09	2.66E+00	2.66E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	7.23E-04
GD118A	1.31E-03	2.06E-01	0.00E+00	2.06E-01	0.00E+00	0.00E+00	1.35E-01	7.73E-08	6.12E-04	6.71E-03	0.00E+00	0.00E+00	3.62E-12	7.01E-11	5.02E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-05	7.24E-03	2.88E+00	0.00E+00	3.16E-10	1.06E-08	1.69E-03	5.15E-06	3.84E-03	0.00E+00	2.88E+00	8.12E-09	2.88E+00	2.88E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	7.83E-04
GD118M	1.38E-03	2.16E-01	0.00E+00	2.16E-01	0.00E+00	0.00E+00	1.41E-01	8.10E-08	6.43E-04	7.05E-03	0.00E+00	0.00E+00	3.80E-12	7.35E-11	5.25E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-05	7.59E-03	3.02E+00	0.00E+00	3.32E-10	1.11E-08	1.78E-03	5.39E-06	4.03E-03	0.00E+00	3.02E+00	8.51E-09	3.02E+00	3.02E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00	8.22E-04
GD118S	1.50E-03	2.36E-01	0.00E+00	2.36E-01	0.00E+00	0.00E+00	1.55E-01	8.86E-08	7.01E-04	7.69E-03	0.00E+00	0.00E+00	4.15E-12	8.03E-11	5.75E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	8.29E-03	3.30E+00	0.00E+00	3.62E-10	1.22E-08	1.94E-03	5.91E-06	4.40E-03	0.00E+00	3.30E+00	9.30E-09	3.30E+00	3.30E+00	4.40E-03	0.00E+00	0.00E+00	0.00E+00	8.97E-04
GD213B	2.04E-03	3.02E-01	0.00E+00	3.02E-01	0.00E+00	0.00E+00	1.98E-01	1.13E-07	8.98E-04	9.85E-03	0.00E+00	0.00E+00	5.32E-12	1.03E-10	7.37E-04	0.00E+00	0.00E+00	0.00E+00	2.68E-05	1.06E-02	4.22E+00	0.00E+00	4.64E-10	1.56E-08	2.49E-03	7.56E-06	5.63E-03	0.00E+00	4.22E+00	1.19E-08	4.22E+00	4.23E+00	5.63E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-03
GD213D	1.58E-03	2.50E-01	0.00E+00	2.50E-01	0.00E+00	0.00E+00	1.64E-01	9.38E-08	7.42E-04	8.14E-03	0.00E+00	0.00E+00	4.39E-12	8.50E-11	6.09E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	8.78E-03	3.49E+00	0.00E+00	3.84E-10	1.29E-08	2.05E-03	6.25E-06	4.66E-03	0.00E+00	3.49E+00	9.85E-09	3.49E+00	3.49E+00	4.66E-03	0.00E+00	0.00E+00	0.00E+00	9.49E-04
GD213F	1.68E-03	2.64E-01	0.00E+00	2.64E-01	0.00E+00	0.00E+00	1.73E-01	9.93E-08	7.85E-04	8.61E-03	0.00E+00	0.00E+00	4.65E-12	8.99E-11	6.44E-04	0.00E+00	0.00E+00	0.00E+00	2.34E-05	9.29E-03	3.69E+00	0.00E+00	4.05E-10	1.36E-08	2.17E-03	6.62E-06	4.93E-03	0.00E+00	3.69E+00	1.04E-08	3.69E+00	3.69E+00	4.93E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
GD213H	1.82E-03	2.86E-01	0.00E+00	2.86E-01	0.00E+00	0.00E+00	1.88E-01	1.07E-07	8.50E-04	9.33E-03	0.00E+00	0.00E+00	5.04E-12	9.74E-11	6.98E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	1.01E-02	4.00E+00	0.00E+00	4.39E-10	1.48E-08	2.35E-03	7.16E-06	5.33E-03	0.00E+00	4.00E+00	1.13E-08	4.00E+00	4.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03
GD213J	1.65E-03	2.59E-01	0.00E+00	2.59E-01	0.00E+00	0.00E+00	1.70E-01	9.75E-08	7.71E-04	8.46E-03	0.00E+00	0.00E+00	4.56E-12	8.83E-11	6.33E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	9.12E-03	3.62E+00	0.00E+00	3.98E-10	1.34E-08	2.13E-03	6.50E-06	4.84E-03	0.00E+00	3.62E+00	1.02E-08	3.62E+00	3.63E+00	4.84E-03	0.00E+00	0.00E+00	0.00E+00	9.87E-04
GD213M	1.68E-03	2.64E-01	0.00E+00	2.64E-01	0.00E+00	0.00E+00	1.73E-01	9.93E-08	7.85E-04	8.61E-03	0.00E+00	0.00E+00	4.65E-12	8.99E-11	6.44E-04	0.00E+00	0.00E+00	0.00E+00	2.34E-05	9.29E-03	3.69E+00	0.00E+00	4.05E-10	1.36E-08	2.17E-03	6.62E-06	4.93E-03	0.00E+00	3.69E+00	1.04E-08	3.69E+00	3.69E+00	4.93E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
GD213U	1.68E-03	2.64E-01	0.00E+00	2.64E-01	0.00E+00	0.00E+00	1.73E-01	9.93E-08	7.85E-04	8.61E-03	0.00E+00	0.00E+00	4.65E-12	8.99E-11	6.44E-04	0.00E+00	0.00E+00	0.00E+00	2.34E-05	9.29E-03	3.69E+00	0.00E+00	4.05E-10	1.36E-08	2.17E-03	6.62E-06	4.93E-03	0.00E+00	3.69E+00	1.04E-08	3.69E+00	3.69E+00	4.93E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
GD218A	1.99E-03	3.14E-01	0.00E+00	3.14E-01	0.00E+00	0.00E+00	2.06E-01	1.18E-07	9.34E-04	1.02E-02	0.00E+00	0.00E+00	5.53E-12	1.07E-10	7.66E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-05	1.10E-02	4.39E+00	0.00E+00	4.82E-10	1.62E-08	2.58E-03	7.87E-06	5.86E-03	0.00E+00	4.39E+00	1.24E-08	4.39E+00	4.40E+00	5.86E-03	0.00E+00	0.00E+00	0.00E+00	1.19E-03
GD218B	2.21E-03	3.49E-01	0.00E+00	3.49E-01	0.00E+00	0.00E+00	2.29E-01	1.31E-07	1.04E-03	1.14E-02	0.00E+00	0.00E+00	6.14E-12	1.19E-10	8.52E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05	1.23E-02	4.88E+00	0.00E+00	5.36E-10	1.80E-08	2.87E-03	8.74E-06	6.51E-03	0.00E+00	4.88E+00	1.38E-08	4.88E+00	4.88E+00	6.51E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-03
GD218M	2.15E-03	3.38E-01	0.00E+00	3.38E-01	0.00E+00	0.00E+00	2.22E-01	1.27E-07	1.01E-03	1.10E-02	0.00E+00	0.00E+00	5.95E-12	1.15E-10	8.25E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-05	1.19E-02	4.72E+00	0.00E+00	5.19E-10	1.74E-08	2.78E-03	8.47E-06	6.30E-03	0.00E+00	4.72E+00	1.33E-08	4.72E+00	4.73E+00	6.30E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03
GD218S	2.23E-03	3.51E-01	0.00E+00	3.51E-01	0.00E+00	0.00E+00	2.30E-01	1.32E-07	1.04E-03	1.14E-02	0.00E+00	0.00E+00	6.18E-12	1.19E-10	8.56E-04	0.00E+00	0.00E+00	0.00E+00	3.11E-05	1.23E-02	4.90E+00	0.00E+00	5.39E-10	1.81E-08	2.89E-03	8.79E-06	6.54E-03	0.00E+00	4.90E+00	1.38E-08	4.90E+00	4.91E+00	6.54E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-03
GD218SMB	1.88E-03	2.96E-01	0.00E+00	2.96E-01	0.00E+00	0.00E+00	1.94E-01	1.11E-07	8.80E-04	9.65E-03	0.00E+00	0.00E+00	5.21E-12	1.01E-10	7.22E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-05	1.04E-02	4.14E+00	0.00E+00	4.54E-10	1.53E-08	2.44E-03	7.41E-06	5.52E-03	0.00E+00	4.14E+00	1.17E-08	4.14E+00	4.14E+00	5.52E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-03
GD313A	2.24E-03	3.31E-01	0.00E+00	3.31E-01	0.00E+00	0.00E+00	2.17E-01	1.24E-07	9.84E-04	1.08E-02	0.00E+00	0.00E+00	5.82E-12	1.13E-10	8.07E-04	0.00E+00	0.00E+00	0.00E+00	2.93E-05	1.16E-02	4.62E+00	0.00E+00	5.08E-10	1.71E-08	2.72E-03	8.29E-06	6.17E-03	0.00E+00	4.62E+00	1.30E-08	4.62E+00	4.63E+00	6.17E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-03
GD313B	2.67E-03	3.95E-01	0.00E+00	3.95E-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	6.95E-12	1.34E-10	9.63E-04	0.00E+00	0.00E+00	0.00E+00	3.50E-05	1.39E-02	5.52E+00	0.00E+00	6.06E-10	2.04E-08	3.25E-03	9.89E-06	7.36E-03	0.00E+00	5.52E+00	1.56E-08	5.52E+00	5.52E+00	7.36E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-03
GD313D	2.09E-03	3.24E-01	0.00E+00	3.24E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.64E-04	1.06E-02	0.00E+00	0.00E+00	5.71E-12	1.10E-10	7.92E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-05	1.14E-02	4.53E+00	0.00E+00	4.98E-10	1.67E-08	2.67E-03	8.12E-06	6.05E-03	0.00E+00	4.53E+00	1.28E-08	4.53E+00	4.54E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-03
GD313F	2.10E-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	5.77E-12	1.12E-10	8.00E-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	2.70E-03	8.21E-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
GD313G	2.07E-03	3.27E-01	0.00E+00	3.27E-01	0.00E+00	0.00E+00	2.15E-01	1.23E-07	9.72E-04	1.07E-02	0.00E+00	0.00E+00	5.75E-12	1.11E-10	7.98E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	1.15E-02	4.57E+00	0.00E+00	5.02E-10	1.69E-08	2.69E-03	8.19E-06	6.10E-03	0.00E+00	4.57E+00	1.29E-08	4.57E+00	4.57E+00	6.10E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
GD313H	2.16E-03	3.40E-01	0.00E+00	3.40E-01	0.00E+00	0.00E+00	2.23E-01	1.28E-07	1.01E-03	1.11E-02	0.00E+00	0.00E+00	5.98E-12	1.16E-10	8.29E-04	0.00E+00	0.00E+00	0.00E+00	3.01E-05	1.19E-02	4.75E+00	0.00E+00	5.22E-10	1.75E-08	2.80E-03	8.51E-06	6.34E-03	0.00E+00	4.75E+00	1.34E-08	4.75E+00	4.75E+00	6.34E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03
GD313J	2.09E-03	3.24E-01	0.00E+00	3.24E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.64E-04	1.06E-02	0.00E+00	0.00E+00	5.71E-12	1.10E-10	7.92E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-05	1.14E-02	4.53E+00	0.00E+00	4.98E-10	1.67E-08	2.67E-03	8.12E-06	6.05E-03	0.00E+00	4.53E+00	1.28E-08	4.53E+00	4.54E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-03
GD313M	2.20E-03	3.47E-01	0.00E+00	3.47E-01	0.00E+00	0.00E+00	2.28E-01	1.30E-07	1.03E-03	1.13E-02	0.00E+00	0.00E+00	6.11E-12	1.18E-10	8.47E-04	0.00E+00	0.00E+00	0.00E+00	3.07E-05	1.22E-02	4.85E+00	0.00E+00	5.32E-10	1.79E-08	2.85E-03	8.69E-06	6.47E-03	0.00E+00	4.85E+00	1.37E-08	4.85E+00	4.85E+00	6.47E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-03
GD313S	2.07E-03	3.27E-01	0.00E+00	3.27E-01	0.00E+00	0.00E+00	2.14E-01	1.23E-07	9.71E-04	1.06E-02	0.00E+00	0.00E+00	5.75E-12	1.11E-10	7.96E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-05	1.15E-02	4.56E+00	0.00E+00	5.01E-10	1.68E-08	2.69E-03	8.17E-06	6.09E-03	0.00E+00	4.56E+00	1.29E-08	4.56E+00	4.57E+00	6.09E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
GD313U	2.16E-03	3.40E-01	0.00E+00	3.40E-01	0.00E+00	0.00E+00	2.23E-01	1.28E-07	1.01E-03	1.11E-02	0.00E+00	0.00E+00	5.98E-12	1.16E-10	8.29E-04	0.00E+00	0.00E+00	0.00E+00	3.01E-05	1.19E-02	4.75E+00	0.00E+00	5.22E-10	1.75E-08	2.80E-03	8.51E-06	6.34E-03	0.00E+00	4.75E+00	1.34E-08	4.75E+00	4.75E+00	6.34E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03
GD318A	2.66E-03	4.19E-01	0.00E+00	4.19E-01	0.00E+00	0.00E+00	2.75E-01	1.57E-07	1.25E-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	3.45E-03	1.05E-05	7.81E-03	0.00E+00	5.85E+00	1.65E-08	5.85E+00	5.86E+00	7.81E-03	0.00E+00	0.00E+00	0.00E+00	1.59E-03
GD318B	3.11E-03	4.60E-01	0.00E+00	4.60E-01	0.00E+00	0.00E+00	3.02E-01	1.73E-07	1.37E-03	1.50E-02	0.00E+00	0.00E+00	8.10E-12	1.57E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.08E-05	1.62E-02	6.43E+00	0.00E+00	7.07E-10	2.37E-08	3.79E-03	1.15E-05	8.58E-03	0.00E+00	6.43E+00	1.81E-08	6.43E+00	6.44E+00	8.58E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-03
GD318M	2.82E-03	4.38E-01	0.00E+00	4.38E-01	0.00E+00	0.00E+00	2.88E-01	1.65E-07	1.30E-03	1.43E-02	0.00E+00	0.00E+00	7.72E-12	1.49E-10	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-05	1.54E-02	6.12E+00	0.00E+00	6.73E-10	2.26E-08	3.61E-03	1.10E-05	8.17E-03	0.00E+00	6.12E+00	1.73E-08	6.12E+00	6.13E+00	8.17E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-03
GD318S	2.62E-03	4.13E-01	0.00E+00	4.13E-01	0.00E+00	0.00E+00	2.71E-01	1.55E-07	1.23E-03	1.35E-02	0.00E+00	0.00E+00	7.28E-12	1.41E-10	1.01E-03	0.00E+00	0.00E+00	0.00E+00	3.66E-05	1.45E-02	5.78E+00	0.00E+00	6.35E-10	2.13E-08	3.40E-03	1.04E-05	7.71E-03	0.00E+00	5.78E+00	1.63E-08	5.78E+00	5.78E+00	7.71E-03	0.00E+00	0.00E+00	0.00E+00	1.57E-03
GD413B	3.22E-03	4.76E-01	0.00E+00	4.76E-01	0.00E+00	0.00E+00	3.12E-01	1.79E-07	1.42E-03	1.55E-02	0.00E+00	0.00E+00	8.38E-12	1.62E-10	1.16E-03	0.00E+00	0.00E+00	0.00E+00	4.22E-05	1.67E-02	6.65E+00	0.00E+00	7.31E-10	2.46E-08	3.92E-03	1.19E-05	8.87E-03	0.00E+00	6.65E+00	1.88E-08	6.65E+00	6.66E+00	8.87E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-03
GD413D	2.56E-03	3.88E-01	0.00E+00	3.88E-01	0.00E+00	0.00E+00	2.54E-01	1.46E-07	1.15E-03	1.26E-02	0.00E+00	0.00E+00	6.82E-12	1.32E-10	9.46E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-05	1.36E-02	5.42E+00	0.00E+00	5.95E-10	2.00E-08	3.19E-03	9.71E-06	7.23E-03	0.00E+00	5.42E+00	1.53E-08	5.42E+00	5.42E+00	7.23E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-03
GD413F	2.45E-03	3.87E-01	0.00E+00	3.87E-01	0.00E+00	0.00E+00	2.54E-01	1.45E-07	1.15E-03	1.26E-02	0.00E+00	0.00E+00	6.80E-12	1.32E-10	9.43E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-05	1.36E-02	5.40E+00	0.00E+00	5.93E-10	1.99E-08	3.18E-03	9.68E-06	7.21E-03	0.00E+00	5.40E+00	1.52E-08	5.40E+00	5.41E+00	7.21E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-03
GD413J	2.56E-03	3.88E-01	0.00E+00	3.88E-01	0.00E+00	0.00E+00	2.54E-01	1.46E-07	1.15E-03	1.26E-02	0.00E+00	0.00E+00	6.82E-12	1.32E-10	9.46E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-05	1.36E-02	5.42E+00	0.00E+00	5.95E-10	2.00E-08	3.19E-03	9.71E-06	7.23E-03	0.00E+00	5.42E+00	1.53E-08	5.42E+00	5.42E+00	7.23E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-03
GD413M	2.57E-03	4.06E-01	0.00E+00	4.06E-01	0.00E+00	0.00E+00	2.66E-01	1.52E-07	1.21E-03	1.32E-02	0.00E+00	0.00E+00	7.14E-12	1.38E-10	9.90E-04	0.00E+00	0.00E+00	0.00E+00	3.59E-05	1.43E-02	5.67E+00	0.00E+00	6.23E-10	2.09E-08	3.34E-03	1.02E-05	7.57E-03	0.00E+00	5.67E+00	1.60E-08	5.67E+00	5.68E+00	7.57E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-03
GD413U	2.54E-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	9.78E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	1.41E-02	5.60E+00	0.00E+00	6.16E-10	2.07E-08	3.30E-03	1.00E-05	7.48E-03	0.00E+00	5.60E+00	1.58E-08	5.60E+00	5.61E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-03
GD418A	3.14E-03	4.96E-01	0.00E+00	4.96E-01	0.00E+00	0.00E+00	3.25E-01	1.86E-07	1.47E-03	1.62E-02	0.00E+00	0.00E+00	8.72E-12	1.69E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-05	1.74E-02	6.92E+00	0.00E+00	7.61E-10	2.56E-08	4.08E-03	1.24E-05	9.24E-03	0.00E+00	6.92E+00	1.95E-08	6.92E+00	6.93E+00	9.24E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-03

GD418B	3.66E-03	5.78E-01	0.00E+00	5.78E-01	0.00E+00	0.00E+00	3.79E-01	2.17E-07	1.72E-03	1.88E-02	0.00E+00	0.00E+00	1.02E-11	1.97E-10	1.41E-03	0.00E+00	0.00E+00	0.00E+00	5.11E-05	2.03E-02	8.07E+00	0.00E+00	8.87E-10	2.98E-08	4.75E-03	1.45E-05	1.08E-02	0.00E+00	8.07E+00	2.28E-08	8.07E+00	8.08E+00	1.08E-02	0.00E+00	0.00E+00	0.00E+00	2.20E-03
GD418M	3.44E-03	5.46E-01	0.00E+00	5.46E-01	0.00E+00	0.00E+00	3.58E-01	2.05E-07	1.62E-03	1.78E-02	0.00E+00	0.00E+00	9.61E-12	1.86E-10	1.33E-03	0.00E+00	0.00E+00	0.00E+00	4.83E-05	1.92E-02	7.62E+00	0.00E+00	8.38E-10	2.81E-08	4.49E-03	1.37E-05	1.02E-02	0.00E+00	7.62E+00	2.15E-08	7.62E+00	7.63E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
GD418S	3.48E-03	5.14E-01	0.00E+00	5.14E-01	0.00E+00	0.00E+00	3.37E-01	1.93E-07	1.53E-03	1.68E-02	0.00E+00	0.00E+00	9.05E-12	1.75E-10	1.25E-03	0.00E+00	0.00E+00	0.00E+00	4.55E-05	1.81E-02	7.18E+00	0.00E+00	7.89E-10	2.65E-08	4.23E-03	1.29E-05	9.59E-03	0.00E+00	7.18E+00	2.03E-08	7.18E+00	7.19E+00	9.59E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-03
GD418SMB	2.76E-03	4.36E-01	0.00E+00	4.36E-01	0.00E+00	0.00E+00	2.86E-01	1.64E-07	1.29E-03	1.42E-02	0.00E+00	0.00E+00	7.66E-12	1.48E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.86E-05	1.53E-02	6.09E+00	0.00E+00	6.69E-10	2.25E-08	3.58E-03	1.09E-05	8.13E-03	0.00E+00	6.09E+00	1.72E-08	6.09E+00	6.09E+00	8.13E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-03
GL24PP	2.87E-03	4.50E-01	0.00E+00	4.50E-01	0.00E+00	0.00E+00	2.95E-01	1.69E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.91E-12	1.53E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	3.98E-05	1.58E-02	6.29E+00	0.00E+00	6.91E-10	2.32E-08	3.70E-03	1.13E-05	8.38E-03	0.00E+00	6.29E+00	1.77E-08	6.29E+00	6.29E+00	8.38E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-03
GL24TP	3.09E-03	4.87E-01	0.00E+00	4.87E-01	0.00E+00	0.00E+00	3.20E-01	1.83E-07	1.45E-03	1.59E-02	0.00E+00	0.00E+00	8.58E-12	1.66E-10	1.19E-03	0.00E+00	0.00E+00	0.00E+00	4.31E-05	1.71E-02	6.81E+00	0.00E+00	7.48E-10	2.51E-08	4.01E-03	1.22E-05	9.09E-03	0.00E+00	6.81E+00	1.92E-08	6.81E+00	6.81E+00	9.09E-03	0.00E+00	0.00E+00	0.00E+00	1.85E-03
GL42PP	4.02E-03	6.34E-01	0.00E+00	6.34E-01	0.00E+00	0.00E+00	4.16E-01	2.38E-07	1.88E-03	2.07E-02	0.00E+00	0.00E+00	1.12E-11	2.16E-10	1.55E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-05	2.23E-02	8.85E+00	0.00E+00	9.73E-10	3.27E-08	5.21E-03	1.59E-05	1.18E-02	0.00E+00	8.85E+00	2.50E-08	8.85E+00	8.87E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
GL42TP	4.30E-03	6.73E-01	0.00E+00	6.73E-01	0.00E+00	0.00E+00	4.42E-01	2.53E-07	2.00E-03	2.19E-02	0.00E+00	0.00E+00	1.18E-11	2.29E-10	1.64E-03	0.00E+00	0.00E+00	0.00E+00	5.96E-05	2.37E-02	9.41E+00	0.00E+00	1.03E-09	3.47E-08	5.54E-03	1.69E-05	1.25E-02	0.00E+00	9.41E+00	2.65E-08	9.41E+00	9.42E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	2.56E-03
GP102P	2.43E-05	3.84E-03	0.00E+00	3.84E-03	0.00E+00	0.00E+00	2.52E-03	1.44E-09	1.14E-05	1.25E-04	0.00E+00	0.00E+00	6.75E-14	1.31E-12	9.36E-06	0.00E+00	0.00E+00	0.00E+00	3.40E-07	1.35E-04	5.36E-02	0.00E+00	5.89E-12	1.98E-10	3.16E-05	9.60E-08	7.15E-05	0.00E+00	5.36E-02	1.51E-10	5.36E-02	5.37E-02	7.15E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05
GP104T	4.80E-05	7.56E-03	0.00E+00	7.56E-03	0.00E+00	0.00E+00	4.96E-03	2.84E-09	2.25E-05	2.47E-04	0.00E+00	0.00E+00	1.33E-13	2.57E-12	1.84E-05	0.00E+00	0.00E+00	0.00E+00	6.69E-07	2.66E-04	1.06E-01	0.00E+00	1.16E-11	3.90E-10	6.22E-05	1.89E-07	1.41E-04	0.00E+00	1.06E-01	2.98E-10	1.06E-01	1.06E-01	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05
GP108T	7.62E-05	1.21E-02	0.00E+00	1.21E-02	0.00E+00	0.00E+00	7.84E-03	4.61E-09	3.58E-05	3.90E-04	0.00E+00	0.00E+00	2.11E-13	4.10E-12	2.96E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-06	4.26E-04	1.68E-01	0.00E+00	1.85E-11	6.20E-10	9.84E-05	2.99E-07	2.24E-04	0.00E+00	1.68E-01	4.73E-10	1.68E-01	1.68E-01	2.24E-04	0.00E+00	0.00E+00	0.00E+00	4.54E-05
GP110T	8.66E-05	1.38E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	9.03E-03	5.22E-09	4.10E-05	4.48E-04	0.00E+00	0.00E+00	2.43E-13	4.69E-12	3.37E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-06	4.86E-04	1.93E-01	0.00E+00	2.10E-11	7.11E-10	1.13E-04	3.44E-07	2.58E-04	0.00E+00	1.93E-01	5.44E-10	1.93E-01	1.94E-01	2.58E-04	0.00E+00	0.00E+00	0.00E+00	5.21E-05
GP111T	6.23E-04	9.75E-02	0.00E+00	9.75E-02	0.00E+00	0.00E+00	6.39E-02	3.66E-08	2.90E-04	3.18E-03	0.00E+00	0.00E+00	1.72E-12	3.32E-11	2.38E-04	0.00E+00	0.00E+00	0.00E+00	8.63E-06	3.43E-03	1.36E+00	0.00E+00	1.50E-10	5.03E-09	8.02E-04	2.44E-06	1.82E-03	0.00E+00	1.36E+00	3.84E-09	1.36E+00	1.36E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	3.71E-04
GP112PN	9.32E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.64E-02	5.52E-08	4.37E-04	4.79E-03	0.00E+00	0.00E+00	2.59E-12	5.00E-11	3.58E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.16E-03	2.05E+00	0.00E+00	2.26E-10	7.58E-09	1.21E-03	3.68E-06	2.74E-03	0.00E+00	2.05E+00	5.79E-09	2.05E+00	2.06E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	5.59E-04
GP112TN	6.86E-04	1.07E-01	0.00E+00	1.07E-01	0.00E+00	0.00E+00	7.02E-02	4.02E-08	3.18E-04	3.49E-03	0.00E+00	0.00E+00	1.88E-12	3.64E-11	2.61E-04	0.00E+00	0.00E+00	0.00E+00	9.47E-06	3.76E-03	1.49E+00	0.00E+00	1.64E-10	5.53E-09	8.81E-04	2.68E-06	1.99E-03	0.00E+00	1.49E+00	4.22E-09	1.49E+00	1.50E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	4.07E-04
GP113P	5.09E-04	8.03E-02	0.00E+00	8.03E-02	0.00E+00	0.00E+00	5.27E-02	3.02E-08	2.39E-04	2.62E-03	0.00E+00	0.00E+00	1.41E-12	2.73E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-06	2.82E-03	1.12E+00	0.00E+00	1.23E-10	4.14E-09	6.60E-04	2.01E-06	1.50E-03	0.00E+00	1.12E+00	3.17E-09	1.12E+00	1.12E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
GP113T	3.82E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.17E-08	1.71E-04	1.88E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.03E-03	8.04E-01	0.00E+00	8.83E-11	2.97E-09	4.73E-04	1.44E-06	1.07E-03	0.00E+00	8.04E-01	2.27E-09	8.04E-01	8.05E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
GP213P	6.86E-04	1.08E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	7.10E-02	4.06E-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	4.11E-04
GP213T	5.90E-04	9.13E-02	0.00E+00	9.13E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.97E-03	0.00E+00	0.00E+00	1.61E-12	3.10E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-06	3.21E-03	1.28E+00	0.00E+00	1.40E-10	4.71E-09	7.52E-04	2.29E-06	1.70E-03	0.00E+00	1.28E+00	3.60E-09	1.28E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-04
GP218P	7.61E-04	1.20E-01	0.00E+00	1.20E-01	0.00E+00	0.00E+00	7.87E-02	4.51E-08	3.57E-04	3.91E-03	0.00E+00	0.00E+00	2.11E-12	4.08E-11	2.93E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-05	4.22E-03	1.68E+00	0.00E+00	1.84E-10	6.19E-09	9.87E-04	3.00E-06	2.24E-03	0.00E+00	1.68E+00	4.73E-09	1.68E+00	1.68E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	4.56E-04
GP218T	6.93E-04	1.08E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	7.09E-02	4.06E-08	3.21E-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	9.57E-06	3.80E-03	1.51E+00	0.00E+00	1.66E-10	5.57E-09	8.89E-04	2.71E-06	2.02E-03	0.00E+00	1.51E+00	4.26E-09	1.51E+00	1.51E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	4.11E-04
GP313P	8.78E-04	1.38E-01	0.00E+00	1.38E-01	0.00E+00	0.00E+00	9.08E-02	5.20E-08	4.11E-04	4.51E-03	0.00E+00	0.00E+00	2.44E-12	4.71E-11	3.38E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-05	4.86E-03	1.93E+00	0.00E+00	2.12E-10	7.14E-09	1.14E-03	3.46E-06	2.58E-03	0.00E+00	1.93E+00	5.46E-09	1.93E+00	1.94E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	5.26E-04
GP313T	7.37E-04	1.11E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	7.29E-02	4.18E-08	3.30E-04	3.62E-03	0.00E+00	0.00E+00	1.96E-12	3.78E-11	2.71E-04	0.00E+00	0.00E+00	0.00E+00	9.84E-06	3.91E-03	1.55E+00	0.00E+00	1.71E-10	5.74E-09	9.14E-04	2.79E-06	2.07E-03	0.00E+00	1.55E+00	4.38E-09	1.55E+00	1.56E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	4.22E-04
GP318T	9.77E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.65E-02	5.53E-08	4.37E-04	4.80E-03	0.00E+00	0.00E+00	2.59E-12	5.01E-11	3.59E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.17E-03	2.05E+00	0.00E+00	2.26E-10	7.59E-09	1.21E-03	3.68E-06	2.74E-03	0.00E+00	2.05E+00	5.80E-09	2.05E+00	2.06E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	5.59E-04
GP413P	1.14E-03	1.79E-01	0.00E+00	1.79E-01	0.00E+00	0.00E+00	1.17E-01	6.72E-08	5.32E-04	5.84E-03	0.00E+00	0.00E+00	3.15E-12	6.09E-11	4.37E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-05	6.29E-03	2.50E+00	0.00E+00	2.75E-10	9.23E-09	1.47E-03	4.48E-06	3.34E-03	0.00E+00	2.50E+00	7.06E-09	2.50E+00	2.50E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	6.81E-04
GP418P	1.28E-03	2.02E-01	0.00E+00	2.02E-01	0.00E+00	0.00E+00	1.32E-01	7.58E-08	6.00E-04	6.58E-03	0.00E+00	0.00E+00	3.55E-12	6.87E-11	4.92E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-05	7.09E-03	2.82E+00	0.00E+00	3.10E-10	1.04E-08	1.66E-03	5.05E-06	3.76E-03	0.00E+00	2.82E+00	7.95E-09	2.82E+00	2.82E+00	3.76E-03	0.00E+00	0.00E+00	0.00E+00	7.67E-04
GP418PM	1.27E-03	2.00E-01	0.00E+00	2.00E-01	0.00E+00	0.00E+00	1.31E-01	7.53E-08	5.95E-04	6.53E-03	0.00E+00	0.00E+00	3.53E-12	6.82E-11	4.88E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	7.04E-03	2.80E+00	0.00E+00	3.08E-10	1.03E-08	1.65E-03	5.02E-06	3.73E-03	0.00E+00	2.80E+00	7.90E-09	2.80E+00	2.80E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	7.62E-04
GP418T	1.21E-03	1.90E-01	0.00E+00	1.90E-01	0.00E+00	0.00E+00	1.25E-01	7.15E-08	5.65E-04	6.20E-03	0.00E+00	0.00E+00	3.34E-12	6.47E-11	4.64E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	6.68E-03	2.66E+00	0.00E+00	2.92E-10	9.81E-09	1.56E-03	4.76E-06	3.54E-03	0.00E+00	2.66E+00	7.49E-09	2.66E+00	2.66E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	7.23E-04
GR013CN	3.76E-04	5.81E-02	0.00E+00	5.81E-02	0.00E+00	0.00E+00	3.81E-02	2.18E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-12	1.97E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.04E-03	8.10E-01	0.00E+00	8.90E-11	3.00E-09	4.77E-04	1.45E-06	1.08E-03	0.00E+00	8.10E-01	2.29E-09	8.10E-01	8.11E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
GR118AN	4.69E-04	7.09E-02	0.00E+00	7.09E-02	0.00E+00	0.00E+00	4.65E-02	2.66E-08	2.11E-04	2.31E-03	0.00E+00	0.00E+00	1.25E-12	2.41E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	6.28E-06	2.49E-03	9.90E-01	0.00E+00	1.09E-10	3.65E-09	5.83E-04	1.77E-06	1.32E-03	0.00E+00	9.90E-01	2.79E-09	9.90E-01	9.92E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
GR218AN	6.87E-04	1.07E-01	0.00E+00	1.07E-01	0.00E+00	0.00E+00	7.02E-02	4.03E-08	3.18E-04	3.49E-03	0.00E+00	0.00E+00	1.88E-12	3.64E-11	2.61E-04	0.00E+00	0.00E+00	0.00E+00	9.48E-06	3.77E-03	1.50E+00	0.00E+00	1.64E-10	5.53E-09	8.81E-04	2.69E-06	1.99E-03	0.00E+00	1.50E+00	4.22E-09	1.50E+00	1.50E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	4.08E-04
GR318AN	7.95E-04	1.18E-01	0.00E+00	1.18E-01	0.00E+00	0.00E+00	7.78E-02	4.46E-08	3.52E-04	3.87E-03	0.00E+00	0.00E+00	2.09E-12	4.03E-11	2.90E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-05	4.17E-03	1.66E+00	0.00E+00	1.82E-10	6.12E-09	9.74E-04	2.97E-06	2.21E-03	0.00E+00	1.66E+00	4.67E-09	1.66E+00	1.66E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	4.51E-04
GR413AN	8.84E-04	1.39E-01	0.00E+00	1.39E-01	0.00E+00	0.00E+00	9.13E-02	5.23E-08	4.14E-04	4.54E-03	0.00E+00	0.00E+00	2.45E-12	4.74E-11	3.39E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-05	4.89E-03	1.94E+00	0.00E+00	2.14E-10	7.18E-09	1.14E-03	3.48E-06	2.60E-03	0.00E+00	1.94E+00	5.49E-09	1.94E+00	1.95E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	5.29E-04
GR418AN	9.04E-04	1.42E-01	0.00E+00	1.42E-01	0.00E+00	0.00E+00	9.30E-02	5.33E-08	4.21E-04	4.62E-03	0.00E+00	0.00E+00	2.49E-12	4.82E-11	3.45E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-05	4.98E-03	1.98E+00	0.00E+00	2.18E-10	7.31E-09	1.17E-03	3.55E-06	2.64E-03	0.00E+00	1.98E+00	5.59E-09	1.98E+00	1.98E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
GR71AN	1.60E-04	2.51E-02	0.00E+00	2.51E-02	0.00E+00	0.00E+00	1.65E-02	9.43E-09	7.47E-05	8.18E-04	0.00E+00	0.00E+00	4.45E-13	8.57E-12	6.14E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	8.84E-04	3.51E-01	0.00E+00	3.85E-11	1.30E-09	2.06E-04	6.31E-07	4.68E-04	0.00E+00	3.51E-01	9.90E-10	3.51E-01	3.54E-01	4.68E-04	0.00E+00	0.00E+00	0.00E+00	9.57E-05
GR72AN	1.14E-03	1.74E-01	0.00E+00	1.74E-01	0.00E+00	0.00E+00	1.14E-01	6.52E-08	5.15E-04	5.65E-03	0.00E+00	0.00E+00	3.05E-12	5.90E-11	4.23E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	6.09E-03	2.42E+00	0.00E+00	2.66E-10	8.95E-09	1.43E-03	4.35E-06	3.23E-03	0.00E+00	2.42E+00	6.84E-09	2.42E+00	2.43E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	6.59E-04
GS118D	2.37E-04	3.70E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	2.42E-02	1.38E-08	1.10E-04	1.21E-03	0.00E+00	0.00E+00	6.49E-13	1.26E-11	9.01E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.30E-03	5.18E-01	0.00E+00	5.70E-11	1.90E-09	3.04E-04	9.24E-07	6.91E-04	0.00E+00	5.18E-01	1.45E-09	5.18E-01	5.15E-01	6.91E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04
GS213D	1.61E-04	2.53E-02	0.00E+00	2.53E-02	0.00E+00	0.00E+00	1.66E-02	9.47E-09	7.48E-05	8.23E-04	0.00E+00	0.00E+00	4.43E-13	8.62E-12	6.15E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	8.86E-04	3.53E-01	0.00E+00	3.88E-11	1.30E-09	2.08E-04	6.30E-07	4.72E-04	0.00E+00	3.53E-01	9.93E-10	3.53E-01	3.52E-01	4.72E-04	0.00E+00	0.00E+00	0.00E+00	9.58E-05
GS218D	3.43E-04	5.39E-02	0.00E+00	5.39E-02	0.00E+00	0.00E+00	3.53E-02	2.02E-08	1.60E-04	1.76E-03	0.00E+00	0.00E+00	9.48E-13	1.83E-11	1.31E-04	0.00E+00	0.00E+00	0.00E+00	4.77E-06	1.89E-03	7.52E-01	0.00E+00	8.27E-11	2.78E-09	4.43E-04	1.35E-06	1.00E-03	0.00E+00	7.52E-01	2.12E-09	7.52E-01	7.53E-01	1.00E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
GS318D	3.82E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.17E-08	1.71E-04	1.88E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.03E-03	8.05E-01	0.00E+00	8.85E-11	2.97E-09	4.74E-04	1.44E-06	1.07E-03	0.00E+00	8.05E-01	2.27E-09	8.05E-01	8.06E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
GS418D	4.34E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.48E-02	2.56E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.40E-03	9.53E-01	0.00E+00	1.05E-10	3.52E-09	5.61E-04	1.71E-06	1.27E-03	0.00E+00	9.53E-01	2.69E-09	9.53E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
GZ07E	2.98E-05	4.62E-03	0.00E+00	4.62E-03	0.00E+00	0.00E+00	3.03E-03	1.73E-09	1.37E-05	1.51E-04	0.00E+00	0.00E+00	8.12E-14	1.57E-12	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.09E-07	1.62E-04	6.45E-02	0.00E+00	7.09E-12	2.38E-10	3.80E-05	1.16E-07	8.60E-05	0.00E+00	6.45E-02	1.82E-10	6.45E-02	6.46E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-05
GZ08A	2.88E-05	4.44E-03	0.00E+00	4.44E-03	0.00E+00	0.00E+00	2.85E-03	1.61E-09	1.31E-05	1.43E-04	0.00E+00	0.00E+00	7.52E-14	1.45E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-07	1.53E-04	6.12E-02	0.00E+00	6.73E-12	2.22E-10	3.57E-05	1.09E-07	8.22E-05	0.00E+00	6.12E-02	1.69E-10	6.12E-02	5.97E-02	8.22E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05
GZ213S	8.84E-03	1.41E+00	0.00E+00	1.41E+00	0.00E+00	0.00E+00	9.21E-01	5.23E-07	4.15E-03	4.57E-02	0.00E+00	0.00E+00	2.47E-11	4.78E-10	3.42E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-04	4.94E-02	1.96E+01	0.00E+00	2.16E-09	7.19E-08	1.15E-02	3.52E-05	2.62E-02	0.00E+00	1.96E+01	5.55E-08	1.96E+01	1.96E+01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	5.33E-03
GZ30A	5.08E-05	8.00E-03	0.00E+00	8.00E-03	0.00E+00	0.00E+00	5.25E-03	3.01E-09	2.38E-05	2.61E-04	0.00E+00	0.00E+00	1.41E-13	2.72E-12	1.95E-05	0.00E+00	0.00E+00	0.00E+00	7.08E-07	2.81E-04	1.12E-01	0.00E+00	1.23E-11	4.13E-10	6.58E-05	2.00E-07	1.49E-04	0.00E+00	1.12E-01	3.15E-10	1.12E-01	1.12E-01	1.49E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-05
GZ30S	2.37E-04	3.70E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	2.42E-02	1.38E-08	1.10E-04	1.21E-03	0.00E+00	0.00E+00	6.49E-13	1.26E-11	9.01E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.30E-03	5.18E-01	0.00E+00	5.70E-11	1.90E-09	3.04E-04	9.24E-07	6.91E-04	0.00E+00	5.18E-01	1.45E-09	5.18E-01	5.15E-01	6.91E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04
GZ33A	2.87E-05	4.35E-03	0.00E+00	4.35E-03	0.00E+00	0.00E+00	2.85E-03	1.63E-09	1.29E-05	1.42E-04	0.00E+00	0.00E+00	7.65E-14	1.48E-12	1.06E-05	0.00E+00	0.00E+00	0.00E+00	3.85E-07	1.53E-04	6.07E-02	0.00E+00	6.67E-12	2.24E-10	3.57E-05	1.09E-07	8.10E-05	0.00E+00	6.07E-02	1.71E-10	6.07E-02	6.08E-02	8.10E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-05
GZ40S	3.01E-04	4.73E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	3.10E-02	1.78E-08	1.41E-04	1.54E-03	0.00E+00	0.00E+00	8.33E-13	1.61E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.19E-06	1.66E-03	6.61E-01	0.00E+00	7.26E-11	2.44E-09	3.89E-04	1.18E-06	8.82E-04	0.00E+00	6.61E-01	1.87E-09	6.61E-01	6.62E-01	8.82E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-04
GZ413S	1.05E-02	1.62E+00	0.00E+00	1.62E+00	0.00E+00	0.00E+00	1.06E+00	6.06E-07	4.80E-03	5.25E-02	0.00E+00	0.00E+00	2.84E-11	5.52E-10	3.94E-03	0.00E+00	0.00E+00	0.00E+00	1.43E-04	5.70E-02	2.27E+01	0.00E+00	2.48E-09	8.29E-08	1.32E-02	4.04E-05	3.00E-02	0.00E+00	2.27E+01	6.35E-08	2.27E+01	2.27E+01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	6.19E-03
GZ44F	2.88E-05	4.44E-03	0.00E+00	4.44E-03	0.00E+00	0.00E+00	2.85E-03	1.61E-09	1.31E-05	1.43E-04	0.00E+00	0.00E+00	7.52E-14	1.45E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-07	1.53E-04	6.12E-02	0.00E+00	6.73E-12	2.22E-10	3.57E-05	1.09E-07	8.22E-05	0.00E+00	6.12E-02	1.69E-10	6.12E-02	5.97E-02	8.22E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05
GZ45F	1.34E-04	2.09E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.36E-02	7.80E-09	6.23E-05	6.83E-04	0.00E+00	0.00E+00	3.67E-13	7.11E-12	5.10E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.36E-04	2.92E-01	0.00E+00	3.20E-11	1.08E-09	1.71E-04	5.22E-07	3.87E-04	0.00E+00	2.92E-01	8.23E-10	2.92E-01	2.91E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-05
JB253N	1.42E-03	2.22E-01	0.00E+00	2.22E-01	0.00E+00	0.00E+00	1.45E-01	8.35E-08	6.60E-04	7.25E-03	0.00E+00	0.00E+00	3.92E-12	7.55E-11	5.42E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-05	7.82E-03	3.10E+00	0.00E+00	3.40E-10	1.14E-08	1.82E-03	5.56E-06	4.15E-03	0.00E+00	3.10E+00	8.74E-09	3.10E+00	3.10E+00	4.15E-03	0.00E+00	0.00E+00	0.00E+00	8.44E-04
JC113	2.82E-03	4.45E-01	0.00E+00	4.45E-01	0.00E+00	0.00E+00	2.92E-01	1.67E-07	1.32E-03	1.45E-02	0.00E+00	0.00E+00	7.82E-12	1.51E-10	1.08E-03	0.00E+00	0.00E+00	0.00E+00	3.94E-05	1.56E-02	6.21E+00	0.00E+00	6.83E-10	2.29E-08	3.66E-03	1.11E-05	8.29E-03	0.00E+00	6.21E+00	1.75E-08	6.21E+00	6.22E+00	8.29E-03	0.00E+00	0.00E+00	0.00E+00	1.69E-03
JK113	1.04E-02	1.64E+00	0.00E+00	1.64E+00	0.00E+00	0.00E+00	1.08E+00	6.16E-07	4.87E-03	5.34E-02	0.00E+00	0.00E+00	2.88E-11	5.60E-10	4.00E-03	0.00E+00	0.00E+00	0.00E+00	1.45E-04	5.79E-02	2.30E+01	0.00E+00	2.52E-09	8.42E-08	1.34E-02	4.11E-05	3.05E-02	0.00E+00	2.30E+01	6.45E-08	2.30E+01	2.30E+01	3.05E-02	0.00E+00	0.00E+00	0.00E+00	6.27E-03
JK113B13	4.35E-03	6.78E-01	0.00E+00	6.78E-01	0.00E+00	0.00E+00	4.44E-01	2.54E-07	2.02E-03	2.21E-02	0.00E+00	0.00E+00	1.19E-11	2.31E-10	1.65E-03	0.00E+00	0.00E+00	0.00E+00	6.01E-05	2.38E-02	9.47E+00	0.00E+00	1.04E-09	3.49E-08	5.60E-03	1.70E-05	1.26E-02	0.00E+00	9.47E+00	2.67E-08	9.47E+00	9.48E+00	1.26E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
JK113B20	6.43E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	6.63E-01	3.80E-07	3.01E-03	3.30E-02	0.00E+00	0.00E+00	1.78E-11	3.44E-10	2.47E-03	0.00E+00	0.00E+00	0.00E+00	8.94E-05	3.56E-02	1.41E+01	0.00E+00	1.55E-09	5.22E-08	8.32E-03	2.53E-05	1.88E-02	0.00E+00	1.41E+01	4.00E-08	1.41E+01	1.41E+01	1.88E-02	0.00E+00	0.00E+00	0.00E+00	3.84E-03
JK113B26	8.21E-03	1.30E+00	0.00E+00	1.30E+00	0.00E+00	0.00E+00	8.56E-01	4.86E-07	3.85E-03	4.24E-02	0.00E+00	0.00E+00	2.29E-11	4.44E-10	3.18E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-04	4.59E-02	1.82E+01	0.00E+00	2.00E-09	6.67E-08	1.07E-02	3.27E-05	2.43E-02	0.00E+00	1.82E+01	5.15E-08	1.82E+01	1.82E+01	2.43E-02	0.00E+00	0.00E+00	0.00E+00	4.94E-03
JK213	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	5.78E-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	6.46E-03
JK213D	1.06E-02	1.67E+00	0.00E+00	1.67E+00	0.00E+00	0.00E+00	1.09E+00	6.27E-07	4.96E-03	5.44E-02	0.00E+00	0.00E+00	2.94E-11	5.68E-10	4.07E-03	0.00E+00	0.00E+00	0.00E+00	1.48E-04	5.87E-02	2.33E+01	0.00E+00	2.56E-09	8.61E-08	1.37E-02	4.18E-05	3.11E-02	0.00E+00	2.33E+01	6.58E-08	2.33E+01	2.33E+01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	6.35E-03
JS013	6.04E-03	9.52E-01	0.00E+00	9.52E-01	0.00E+00	0.00E+00	6.25E-01	3.58E-07	2.83E-03	3.11E-02	0.00E+00	0.00E+00	1.68E-11	3.24E-10	2.32E-03	0.00E+00	0.00E+00	0.00E+00	8.43E-05	3.35E-02	1.33E+01	0.00E+00	1.46E-09	4.91E-08	7.83E-03	2.38E-05	1.78E-02	0.00E+00	1.33E+01	3.75E-08	1.33E+01	1.33E+01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
JS013C	7.15E-03	1.13E+00	0.00E+00	1.13E+00	0.00E+00	0.00E+00	7.39E-01	4.23E-07	3.35E-03	3.67E-02	0.00E+00	0.00E+00	1.98E-11	3.84E-10	2.75E-03	0.00E+00	0.00E+00	0.00E+00	9.98E-05	3.96E-02	1.57E+01	0.00E+00	1.73E-09	5.81E-08	9.27E-03	2.82E-05	2.10E-02	0.00E+00	1.57E+01	4.44E-08	1.57E+01	1.58E+01	2.10E-02	0.00E+00	0.00E+00	0.00E+00	4.28E-03
JZ103	1.65E-04	2.60E-02	0.00E+00	2.60E-02	0.00E+00	0.00E+00	1.71E-02	9.77E-09	7.73E-05	8.48E-04	0.00E+00	0.00E+00	4.58E-13	8.85E-12	6.34E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	9.14E-04	3.63E-01	0.00E+00	3.99E-11	1.34E-09	2.14E-04	6.51E-07	4.85E-04	0.00E+00	3.63E-01	1.03E-09	3.63E-01	3.64E-01	4.85E-04	0.00E+00	0.00E+00	0.00E+00	9.89E-05
JZ104	1.35E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.97E-09	6.31E-05	6.92E-04	0.00E+00	0.00E+00	3.74E-13	7.23E-12	5.18E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.46E-04	2.97E-01	0.00E+00	3.26E-11	1.09E-09	1.75E-04	5.31E-07	3.96E-04	0.00E+00	2.97E-01	8.37E-10	2.97E-01	2.97E-01	3.96E-04	0.00E+00	0.00E+00	0.00E+00	8.07E-05
JZ131	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.86E-09	5.43E-05	5.96E-04	0.00E+00	0.00E+00	3.21E-13	6.22E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.42E-04	2.55E-01	0.00E+00	2.80E-11	9.42E-10	1.50E-04	4.57E-07	3.40E-04	0.00E+00	2.55E-01	7.20E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-05
JZ132	9.86E-04	1.55E-01	0.00E+00	1.55E-01	0.00E+00	0.00E+00	1.02E-01	5.84E-08	4.62E-04	5.07E-03	0.00E+00	0.00E+00	2.74E-12	5.29E-11	3.79E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-05	5.47E-03	2.17E+00	0.00E+00	2.39E-10	8.02E-09	1.28E-03	3.89E-06	2.90E-03	0.00E+00	2.17E+00	6.13E-09	2.17E+00	2.18E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	5.91E-04
JZ181	1.61E-04	2.55E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	1.67E-02	9.56E-09	7.57E-05	8.30E-04	0.00E+00	0.00E+00	4.48E-13	8.66E-12	6.21E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	8.95E-04	3.56E-01	0.00E+00	3.91E-11	1.31E-09	2.09E-04	6.37E-07	4.74E-04	0.00E+00	3.56E-01	1.00E-09	3.56E-01	3.56E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	9.68E-05
JZ182	1.18E-03	1.86E-01	0.00E+00	1.86E-01	0.00E+00	0.00E+00	1.22E-01	6.98E-08	5.52E-04	6.06E-03	0.00E+00	0.00E+00	3.27E-12	6.32E-11	4.53E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-05	6.53E-03	2.60E+00	0.00E+00	2.85E-10	9.58E-09	1.53E-03	4.65E-06	3.46E-03	0.00E+00	2.60E+00	7.32E-09	2.60E+00	2.60E+00	3.46E-03	0.00E+00	0.00E+00	0.00E+00	7.06E-04
TN904	3.16E-05	4.83E-03	0.00E+00	4.83E-03	0.00E+00	0.00E+00	3.13E-03	1.77E-09	1.42E-05	1.57E-04	0.00E+00	0.00E+00	8.26E-14	1.60E-12	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.18E-07	1.66E-04	6.62E-02	0.00E+00	7.38E-12	2.44E-10	3.92E-05	1.19E-07	8.88E-05	0.00E+00	6.62E-02	1.86E-10	6.62E-02	6.57E-02	8.88E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-05
VA12A	1.77E-03	2.79E-01	0.00E+00	2.79E-01	0.00E+00	0.00E+00	1.83E-01	1.05E-07	8.29E-04	9.10E-03	0.00E+00	0.00E+00	4.91E-12	9.50E-11	6.80E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-05	9.80E-03	3.90E+00	0.00E+00	4.28E-10	1.44E-08	2.29E-03	6.98E-06	5.20E-03	0.00E+00	3.90E+00	1.10E-08	3.90E+00	3.90E+00	5.20E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-03
VA12B	1.24E-03	1.96E-01	0.00E+00	1.96E-01	0.00E+00	0.00E+00	1.28E-01	7.35E-08	5.81E-04	6.38E-03	0.00E+00	0.00E+00	3.44E-12	6.66E-11	4.77E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	6.88E-03	2.73E+00	0.00E+00	3.00E-10	1.01E-08	1.61E-03	4.90E-06	3.65E-03	0.00E+00	2.73E+00	7.71E-09	2.73E+00	2.74E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	7.44E-04
VA12BN	1.29E-03	2.03E-01	0.00E+00	2.03E-01	0.00E+00	0.00E+00	1.33E-01	7.62E-08	6.03E-04	6.62E-03	0.00E+00	0.00E+00	3.57E-12	6.91E-11	4.95E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-05	7.14E-03	2.84E+00	0.00E+00	3.12E-10	1.05E-08	1.67E-03	5.08E-06	3.78E-03	0.00E+00	2.84E+00	8.00E-09	2.84E+00	2.84E+00	3.78E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-04
VA12CN	1.38E-03	2.17E-01	0.00E+00	2.17E-01	0.00E+00	0.00E+00	1.43E-01	8.17E-08	6.46E-04	7.09E-03	0.00E+00	0.00E+00	3.83E-12	7.40E-11	5.30E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-05	7.64E-03	3.04E+00	0.00E+00	3.34E-10	1.12E-08	1.79E-03	5.44E-06	4.05E-03	0.00E+00	3.04E+00	8.57E-09	3.04E+00	3.04E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	8.27E-04
VA12D	1.79E-03	2.78E-01	0.00E+00	2.78E-01	0.00E+00	0.00E+00	1.83E-01	1.05E-07	8.28E-04	9.08E-03	0.00E+00	0.00E+00	4.90E-12	9.47E-11	6.79E-04	0.00E+00	0.00E+00	0.00E+00	2.46E-05	9.78E-03	3.89E+00	0.00E+00	4.27E-10	1.44E-08	2.29E-03	6.97E-06	5.19E-03	0.00E+00	3.89E+00	1.10E-08	3.89E+00	3.89E+00	5.19E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-03
VA12DK	1.18E-03	1.87E-01	0.00E+00	1.87E-01	0.00E+00	0.00E+00	1.23E-01	7.02E-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	6.57E-03	2.61E+00	0.00E+00	2.87E-10	9.64E-09	1.54E-03	4.68E-06	3.49E-03	0.00E+00	2.61E+00	7.37E-09	2.61E+00	2.62E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	7.11E-04

VA12DN	1.74E-03	2.74E-01	0.00E+00	2.74E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.14E-04	8.93E-03	0.00E+00	0.00E+00	4.82E-12	9.33E-11	6.68E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	9.62E-03	3.83E+00	0.00E+00	4.21E-10	1.41E-08	2.25E-03	6.86E-06	5.10E-03	0.00E+00	3.83E+00	1.08E-08	3.83E+00	3.83E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VA12E	1.23E-03	1.93E-01	0.00E+00	1.93E-01	0.00E+00	0.00E+00	1.27E-01	7.25E-08	5.74E-04	6.29E-03	0.00E+00	0.00E+00	3.40E-12	6.57E-11	4.71E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-05	6.79E-03	2.70E+00	0.00E+00	2.96E-10	9.96E-09	1.59E-03	4.83E-06	3.60E-03	0.00E+00	2.70E+00	7.62E-09	2.70E+00	2.70E+00	3.60E-03	0.00E+00	0.00E+00	0.00E+00	7.34E-04
VA12G	1.70E-03	2.68E-01	0.00E+00	2.68E-01	0.00E+00	0.00E+00	1.76E-01	1.01E-07	7.96E-04	8.74E-03	0.00E+00	0.00E+00	4.71E-12	9.12E-11	6.53E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	9.42E-03	3.74E+00	0.00E+00	4.11E-10	1.38E-08	2.20E-03	6.71E-06	4.99E-03	0.00E+00	3.74E+00	1.06E-08	3.74E+00	3.75E+00	4.99E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03
VA12K	5.37E-04	8.43E-02	0.00E+00	8.43E-02	0.00E+00	0.00E+00	5.52E-02	3.17E-08	2.51E-04	2.75E-03	0.00E+00	0.00E+00	1.48E-12	2.87E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.46E-06	2.96E-03	1.18E+00	0.00E+00	1.29E-10	4.35E-09	6.94E-04	2.11E-06	1.57E-03	0.00E+00	1.18E+00	3.32E-09	1.18E+00	1.18E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04
VA12N	1.83E-03	2.88E-01	0.00E+00	2.88E-01	0.00E+00	0.00E+00	1.89E-01	1.08E-07	8.55E-04	9.40E-03	0.00E+00	0.00E+00	5.07E-12	9.80E-11	7.02E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-05	1.01E-02	4.02E+00	0.00E+00	4.42E-10	1.49E-08	2.37E-03	7.20E-06	5.36E-03	0.00E+00	4.02E+00	1.13E-08	4.02E+00	4.03E+00	5.36E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03
VA12NL	1.22E-03	1.92E-01	0.00E+00	1.92E-01	0.00E+00	0.00E+00	1.26E-01	7.20E-08	5.70E-04	6.25E-03	0.00E+00	0.00E+00	3.37E-12	6.53E-11	4.68E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	6.74E-03	2.68E+00	0.00E+00	2.94E-10	9.89E-09	1.58E-03	4.80E-06	3.57E-03	0.00E+00	2.68E+00	7.56E-09	2.68E+00	2.68E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	7.29E-04
VA24A	2.50E-03	3.94E-01	0.00E+00	3.94E-01	0.00E+00	0.00E+00	2.58E-01	1.48E-07	1.17E-03	1.29E-02	0.00E+00	0.00E+00	6.94E-12	1.34E-10	9.61E-04	0.00E+00	0.00E+00	0.00E+00	3.49E-05	1.39E-02	5.51E+00	0.00E+00	6.05E-10	2.03E-08	3.24E-03	9.87E-06	7.35E-03	0.00E+00	5.51E+00	1.55E-08	5.51E+00	5.51E+00	7.35E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-03
VA24B	1.72E-03	2.71E-01	0.00E+00	2.71E-01	0.00E+00	0.00E+00	1.78E-01	1.02E-07	8.05E-04	8.83E-03	0.00E+00	0.00E+00	4.77E-12	9.22E-11	6.60E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-05	9.52E-03	3.78E+00	0.00E+00	4.16E-10	1.40E-08	2.23E-03	6.78E-06	5.05E-03	0.00E+00	3.78E+00	1.07E-08	3.78E+00	3.79E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-03
VA24BN	1.79E-03	2.83E-01	0.00E+00	2.83E-01	0.00E+00	0.00E+00	1.85E-01	1.06E-07	8.40E-04	9.22E-03	0.00E+00	0.00E+00	4.97E-12	9.62E-11	6.89E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05	9.93E-03	3.95E+00	0.00E+00	4.34E-10	1.46E-08	2.32E-03	7.07E-06	5.27E-03	0.00E+00	3.95E+00	1.11E-08	3.95E+00	3.95E+00	5.27E-03	0.00E+00	0.00E+00	0.00E+00	1.07E-03
VA24CN	1.88E-03	2.97E-01	0.00E+00	2.97E-01	0.00E+00	0.00E+00	1.95E-01	1.12E-07	8.83E-04	9.68E-03	0.00E+00	0.00E+00	5.22E-12	1.01E-10	7.24E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05	1.04E-02	4.15E+00	0.00E+00	4.56E-10	1.53E-08	2.44E-03	7.43E-06	5.53E-03	0.00E+00	4.15E+00	1.17E-08	4.15E+00	4.15E+00	5.53E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-03
VA24D	2.45E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.77E-12	1.31E-10	9.38E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	1.35E-02	5.37E+00	0.00E+00	5.91E-10	1.98E-08	3.16E-03	9.63E-06	7.17E-03	0.00E+00	5.37E+00	1.52E-08	5.37E+00	5.38E+00	7.17E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
VA24DK	1.70E-03	2.68E-01	0.00E+00	2.68E-01	0.00E+00	0.00E+00	1.76E-01	1.01E-07	7.96E-04	8.74E-03	0.00E+00	0.00E+00	4.71E-12	9.12E-11	6.53E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	9.42E-03	3.74E+00	0.00E+00	4.11E-10	1.38E-08	2.20E-03	6.71E-06	4.99E-03	0.00E+00	3.74E+00	1.06E-08	3.74E+00	3.75E+00	4.99E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03
VA24DN	2.45E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.77E-12	1.31E-10	9.38E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	1.35E-02	5.37E+00	0.00E+00	5.91E-10	1.98E-08	3.16E-03	9.63E-06	7.17E-03	0.00E+00	5.37E+00	1.52E-08	5.37E+00	5.38E+00	7.17E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
VA24E	1.73E-03	2.73E-01	0.00E+00	2.73E-01	0.00E+00	0.00E+00	1.79E-01	1.03E-07	8.12E-04	8.91E-03	0.00E+00	0.00E+00	4.81E-12	9.30E-11	6.66E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	9.60E-03	3.82E+00	0.00E+00	4.19E-10	1.41E-08	2.25E-03	6.84E-06	5.09E-03	0.00E+00	3.82E+00	1.08E-08	3.82E+00	3.82E+00	5.09E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VA24G	2.36E-03	3.73E-01	0.00E+00	3.73E-01	0.00E+00	0.00E+00	2.44E-01	1.40E-07	1.11E-03	1.22E-02	0.00E+00	0.00E+00	6.56E-12	1.27E-10	9.09E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05	1.31E-02	5.21E+00	0.00E+00	5.72E-10	1.92E-08	3.07E-03	9.33E-06	6.95E-03	0.00E+00	5.21E+00	1.47E-08	5.21E+00	5.21E+00	6.95E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-03
VA24K	7.46E-04	1.15E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.55E-02	4.33E-08	3.42E-04	3.75E-03	0.00E+00	0.00E+00	2.03E-12	3.91E-11	2.81E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-05	4.05E-03	1.61E+00	0.00E+00	1.76E-10	5.94E-09	9.45E-04	2.88E-06	2.15E-03	0.00E+00	1.61E+00	4.53E-09	1.61E+00	1.61E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	4.37E-04
VA24N	2.66E-03	4.20E-01	0.00E+00	4.20E-01	0.00E+00	0.00E+00	2.76E-01	1.58E-07	1.25E-03	1.37E-02	0.00E+00	0.00E+00	7.39E-12	1.43E-10	1.02E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-05	1.48E-02	5.87E+00	0.00E+00	6.45E-10	2.17E-08	3.45E-03	1.05E-05	7.83E-03	0.00E+00	5.87E+00	1.66E-08	5.87E+00	5.88E+00	7.83E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-03
VA24NL	1.71E-03	2.70E-01	0.00E+00	2.70E-01	0.00E+00	0.00E+00	1.77E-01	1.01E-07	8.02E-04	8.80E-03	0.00E+00	0.00E+00	4.75E-12	9.19E-11	6.58E-04	0.00E+00	0.00E+00	0.00E+00	2.39E-05	9.49E-03	3.77E+00	0.00E+00	4.14E-10	1.39E-08	2.22E-03	6.76E-06	5.03E-03	0.00E+00	3.77E+00	1.06E-08	3.77E+00	3.78E+00	5.03E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-03
VA36APZ	3.32E-03	5.24E-01	0.00E+00	5.24E-01	0.00E+00	0.00E+00	3.44E-01	1.97E-07	1.56E-03	1.71E-02	0.00E+00	0.00E+00	9.22E-12	1.78E-10	1.28E-03	0.00E+00	0.00E+00	0.00E+00	4.64E-05	1.84E-02	7.32E+00	0.00E+00	8.04E-10	2.70E-08	4.31E-03	1.31E-05	9.77E-03	0.00E+00	7.32E+00	2.07E-08	7.32E+00	7.33E+00	9.77E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-03
VA36CN	2.21E-03	3.49E-01	0.00E+00	3.49E-01	0.00E+00	0.00E+00	2.29E-01	1.31E-07	1.04E-03	1.14E-02	0.00E+00	0.00E+00	6.14E-12	1.19E-10	8.51E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05	1.23E-02	4.87E+00	0.00E+00	5.35E-10	1.80E-08	2.87E-03	8.73E-06	6.50E-03	0.00E+00	4.87E+00	1.38E-08	4.87E+00	4.88E+00	6.50E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-03
VA36K	9.87E-04	1.51E-01	0.00E+00	1.51E-01	0.00E+00	0.00E+00	9.89E-02	5.66E-08	4.49E-04	4.92E-03	0.00E+00	0.00E+00	2.66E-12	5.14E-11	3.68E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-05	5.30E-03	2.11E+00	0.00E+00	2.32E-10	7.79E-09	1.24E-03	3.78E-06	2.81E-03	0.00E+00	2.11E+00	5.95E-09	2.11E+00	2.11E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	5.74E-04
VA36NW	3.79E-03	5.97E-01	0.00E+00	5.97E-01	0.00E+00	0.00E+00	3.92E-01	2.24E-07	1.78E-03	1.95E-02	0.00E+00	0.00E+00	1.05E-11	2.03E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.29E-05	2.10E-02	8.34E+00	0.00E+00	9.17E-10	3.08E-08	4.91E-03	1.50E-05	1.11E-02	0.00E+00	8.34E+00	2.35E-08	8.34E+00	8.35E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
VA36NWB	3.14E-03	4.95E-01	0.00E+00	4.95E-01	0.00E+00	0.00E+00	3.24E-01	1.86E-07	1.47E-03	1.61E-02	0.00E+00	0.00E+00	8.70E-12	1.68E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.38E-05	1.74E-02	6.91E+00	0.00E+00	7.59E-10	2.55E-08	4.07E-03	1.24E-05	9.22E-03	0.00E+00	6.91E+00	1.95E-08	6.91E+00	6.92E+00	9.22E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-03
VA36NWP	4.68E-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	1.80E-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	3.81E-08	6.09E-03	1.85E-05	1.38E-02	0.00E+00	1.03E+01	2.92E-08	1.03E+01	1.03E+01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	2.81E-03
VA36RM	2.56E-03	3.88E-01	0.00E+00	3.88E-01	0.00E+00	0.00E+00	2.54E-01	1.46E-07	1.15E-03	1.26E-02	0.00E+00	0.00E+00	6.82E-12	1.32E-10	9.46E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-05	1.36E-02	5.42E+00	0.00E+00	5.95E-10	2.00E-08	3.19E-03	9.71E-06	7.23E-03	0.00E+00	5.42E+00	1.53E-08	5.42E+00	5.42E+00	7.23E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-03
VA36V	1.23E-03	1.94E-01	0.00E+00	1.94E-01	0.00E+00	0.00E+00	1.27E-01	7.29E-08	5.77E-04	6.32E-03	0.00E+00	0.00E+00	3.41E-12	6.60E-11	4.73E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	6.82E-03	2.71E+00	0.00E+00	2.98E-10	1.00E-08	1.60E-03	4.86E-06	3.62E-03	0.00E+00	2.71E+00	7.65E-09	2.71E+00	2.71E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	7.38E-04
VA36W	1.04E-03	1.64E-01	0.00E+00	1.64E-01	0.00E+00	0.00E+00	1.07E-01	6.15E-08	4.86E-04	5.33E-03	0.00E+00	0.00E+00	2.88E-12	5.57E-11	3.99E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-05	5.75E-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	6.45E-09	2.29E+00	2.29E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	6.22E-04
VA36WWH	3.71E-03	5.63E-01	0.00E+00	5.63E-01	0.00E+00	0.00E+00	3.70E-01	2.11E-07	1.68E-03	1.84E-02	0.00E+00	0.00E+00	9.89E-12	1.92E-10	1.37E-03	0.00E+00	0.00E+00	0.00E+00	4.99E-05	1.98E-02	7.85E+00	0.00E+00	8.63E-10	2.92E-08	4.63E-03	1.41E-05	1.05E-02	0.00E+00	7.85E+00	2.22E-08	7.85E+00	7.86E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	2.14E-03
VA48K	1.23E-03	1.93E-01	0.00E+00	1.93E-01	0.00E+00	0.00E+00	1.27E-01	7.27E-08	5.75E-04	6.31E-03	0.00E+00	0.00E+00	3.40E-12	6.59E-11	4.72E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-05	6.80E-03	2.70E+00	0.00E+00	2.97E-10	9.98E-09	1.59E-03	4.84E-06	3.61E-03	0.00E+00	2.70E+00	7.63E-09	2.70E+00	2.71E+00	3.61E-03	0.00E+00	0.00E+00	0.00E+00	7.36E-04
VA48NWB	3.81E-03	6.01E-01	0.00E+00	6.01E-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	2.05E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.32E-05	2.11E-02	8.40E+00	0.00E+00	9.23E-10	3.10E-08	4.95E-03	1.51E-05	1.12E-02	0.00E+00	8.40E+00	2.37E-08	8.40E+00	8.40E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03
VA48V	1.59E-03	2.51E-01	0.00E+00	2.51E-01	0.00E+00	0.00E+00	1.65E-01	9.45E-08	7.48E-04	8.20E-03	0.00E+00	0.00E+00	4.43E-12	8.56E-11	6.13E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-05	8.84E-03	3.51E+00	0.00E+00	3.86E-10	1.30E-08	2.07E-03	6.30E-06	4.69E-03	0.00E+00	3.51E+00	9.91E-09	3.51E+00	3.52E+00	4.69E-03	0.00E+00	0.00E+00	0.00E+00	9.56E-04
VA48W	1.20E-03	1.89E-01	0.00E+00	1.89E-01	0.00E+00	0.00E+00	1.24E-01	7.11E-08	5.63E-04	6.17E-03	0.00E+00	0.00E+00	3.33E-12	6.44E-11	4.62E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	6.65E-03	2.64E+00	0.00E+00	2.91E-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	7.20E-04
VB118B	2.73E-03	4.31E-01	0.00E+00	4.31E-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	7.59E-12	1.47E-10	1.05E-03	0.00E+00	0.00E+00	0.00E+00	3.82E-05	1.52E-02	6.02E+00	0.00E+00	6.62E-10	2.22E-08	3.55E-03	1.08E-05	8.04E-03	0.00E+00	6.02E+00	1.70E-08	6.02E+00	6.03E+00	8.04E-03	0.00E+00	0.00E+00	0.00E+00	1.64E-03
VB118C	2.93E-03	4.62E-01	0.00E+00	4.62E-01	0.00E+00	0.00E+00	3.03E-01	1.73E-07	1.37E-03	1.51E-02	0.00E+00	0.00E+00	8.12E-12	1.57E-10	1.13E-03	0.00E+00	0.00E+00	0.00E+00	4.09E-05	1.62E-02	6.45E+00	0.00E+00	7.09E-10	2.38E-08	3.80E-03	1.16E-05	8.60E-03	0.00E+00	6.45E+00	1.82E-08	6.45E+00	6.46E+00	8.60E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-03
VB118L	2.88E-03	4.44E-01	0.00E+00	4.44E-01	0.00E+00	0.00E+00	2.91E-01	1.67E-07	1.32E-03	1.45E-02	0.00E+00	0.00E+00	7.81E-12	1.51E-10	1.08E-03	0.00E+00	0.00E+00	0.00E+00	3.93E-05	1.56E-02	6.20E+00	0.00E+00	6.82E-10	2.29E-08	3.65E-03	1.11E-05	8.27E-03	0.00E+00	6.20E+00	1.75E-08	6.20E+00	6.21E+00	8.27E-03	0.00E+00	0.00E+00	0.00E+00	1.69E-03
VB118P	2.98E-03	4.70E-01	0.00E+00	4.70E-01	0.00E+00	0.00E+00	3.09E-01	1.77E-07	1.40E-03	1.53E-02	0.00E+00	0.00E+00	8.28E-12	1.60E-10	1.15E-03	0.00E+00	0.00E+00	0.00E+00	4.16E-05	1.65E-02	6.57E+00	0.00E+00	7.22E-10	2.43E-08	3.87E-03	1.18E-05	8.77E-03	0.00E+00	6.57E+00	1.85E-08	6.57E+00	6.58E+00	8.77E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-03
VB118PB	2.79E-03	4.40E-01	0.00E+00	4.40E-01	0.00E+00	0.00E+00	2.89E-01	1.65E-07	1.31E-03	1.44E-02	0.00E+00	0.00E+00	7.75E-12	1.50E-10	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.90E-05	1.55E-02	6.15E+00	0.00E+00	6.76E-10	2.27E-08	3.62E-03	1.10E-05	8.21E-03	0.00E+00	6.15E+00	1.74E-08	6.15E+00	6.16E+00	8.21E-03	0.00E+00	0.00E+00	0.00E+00	1.68E-03
VB118PP	2.77E-03	4.37E-01	0.00E+00	4.37E-01	0.00E+00	0.00E+00	2.86E-01	1.64E-07	1.30E-03	1.42E-02	0.00E+00	0.00E+00	7.68E-12	1.49E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.87E-05	1.53E-02	6.10E+00	0.00E+00	6.70E-10	2.25E-08	3.59E-03	1.09E-05	8.14E-03	0.00E+00	6.10E+00	1.72E-08	6.10E+00	6.11E+00	8.14E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-03
VB118R	2.75E-03	4.33E-01	0.00E+00	4.33E-01	0.00E+00	0.00E+00	2.84E-01	1.63E-07	1.29E-03	1.41E-02	0.00E+00	0.00E+00	7.61E-12	1.47E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.83E-05	1.52E-02	6.04E+00	0.00E+00	6.64E-10	2.23E-08	3.56E-03	1.08E-05	8.07E-03	0.00E+00	6.04E+00	1.71E-08	6.04E+00	6.05E+00	8.07E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-03
VB118TB	2.76E-03	4.35E-01	0.00E+00	4.35E-01	0.00E+00	0.00E+00	2.85E-01	1.63E-07	1.29E-03	1.42E-02	0.00E+00	0.00E+00	7.65E-12	1.48E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.85E-05	1.53E-02	6.07E+00	0.00E+00	6.67E-10	2.24E-08	3.58E-03	1.09E-05	8.10E-03	0.00E+00	6.07E+00	1.71E-08	6.07E+00	6.08E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-03
VB218B	3.88E-03	6.12E-01	0.00E+00	6.12E-01	0.00E+00	0.00E+00	4.01E-01	2.30E-07	1.82E-03	1.99E-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	8.54E+00	0.00E+00	9.39E-10	3.16E-08	5.03E-03	1.53E-05	1.14E-02	0.00E+00	8.54E+00	2.41E-08	8.54E+00	8.56E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03
VB218C	4.29E-03	6.77E-01	0.00E+00	6.77E-01	0.00E+00	0.00E+00	4.44E-01	2.54E-07	2.01E-03	2.21E-02	0.00E+00	0.00E+00	1.19E-11	2.31E-10	1.65E-03	0.00E+00	0.00E+00	0.00E+00	6.00E-05	2.38E-02	9.46E+00	0.00E+00	1.04E-09	3.49E-08	5.57E-03	1.70E-05	1.26E-02	0.00E+00	9.46E+00	2.67E-08	9.46E+00	9.47E+00	1.26E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
VB218L	4.02E-03	6.33E-01	0.00E+00	6.33E-01	0.00E+00	0.00E+00	4.16E-01	2.38E-07	1.88E-03	2.07E-02	0.00E+00	0.00E+00	1.12E-11	2.16E-10	1.55E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-05	2.23E-02	8.85E+00	0.00E+00	9.73E-10	3.27E-08	5.21E-03	1.59E-05	1.18E-02	0.00E+00	8.85E+00	2.50E-08	8.85E+00	8.86E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
VB218P	4.24E-03	6.68E-01	0.00E+00	6.68E-01	0.00E+00	0.00E+00	4.38E-01	2.51E-07	1.99E-03	2.18E-02	0.00E+00	0.00E+00	1.18E-11	2.28E-10	1.63E-03	0.00E+00	0.00E+00	0.00E+00	5.92E-05	2.35E-02	9.34E+00	0.00E+00	1.03E-09	3.45E-08	5.50E-03	1.67E-05	1.25E-02	0.00E+00	9.34E+00	2.64E-08	9.34E+00	9.35E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	2.54E-03
VB218PB	4.03E-03	6.35E-01	0.00E+00	6.35E-01	0.00E+00	0.00E+00	4.17E-01	2.39E-07	1.89E-03	2.07E-02	0.00E+00	0.00E+00	1.12E-11	2.16E-10	1.55E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-05	2.23E-02	8.88E+00	0.00E+00	9.75E-10	3.28E-08	5.23E-03	1.59E-05	1.18E-02	0.00E+00	8.88E+00	2.50E-08	8.88E+00	8.89E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.42E-03
VB218PP	3.99E-03	6.28E-01	0.00E+00	6.28E-01	0.00E+00	0.00E+00	4.12E-01	2.36E-07	1.87E-03	2.05E-02	0.00E+00	0.00E+00	1.11E-11	2.14E-10	1.53E-03	0.00E+00	0.00E+00	0.00E+00	5.56E-05	2.21E-02	8.78E+00	0.00E+00	9.65E-10	3.24E-08	5.17E-03	1.57E-05	1.17E-02	0.00E+00	8.78E+00	2.48E-08	8.78E+00	8.79E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
VB218R	3.88E-03	6.12E-01	0.00E+00	6.12E-01	0.00E+00	0.00E+00	4.01E-01	2.30E-07	1.82E-03	1.99E-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	8.54E+00	0.00E+00	9.39E-10	3.16E-08	5.03E-03	1.53E-05	1.14E-02	0.00E+00	8.54E+00	2.41E-08	8.54E+00	8.56E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03
VB218TB	3.93E-03	6.20E-01	0.00E+00	6.20E-01	0.00E+00	0.00E+00	4.07E-01	2.33E-07	1.84E-03	2.02E-02	0.00E+00	0.00E+00	1.09E-11	2.11E-10	1.51E-03	0.00E+00	0.00E+00	0.00E+00	5.49E-05	2.18E-02	8.67E+00	0.00E+00	9.52E-10	3.20E-08	5.10E-03	1.55E-05	1.16E-02	0.00E+00	8.67E+00	2.45E-08	8.67E+00	8.68E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
VB318A	4.05E-03	6.39E-01	0.00E+00	6.39E-01	0.00E+00	0.00E+00	4.19E-01	2.40E-07	1.90E-03	2.08E-02	0.00E+00	0.00E+00	1.12E-11	2.17E-10	1.56E-03	0.00E+00	0.00E+00	0.00E+00	5.65E-05	2.24E-02	8.92E+00	0.00E+00	9.80E-10	3.29E-08	5.25E-03	1.60E-05	1.19E-02	0.00E+00	8.92E+00	2.52E-08	8.92E+00	8.93E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
VB318B	5.00E-03	7.88E-01	0.00E+00	7.88E-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	3.11E-08	1.10E+01	1.10E+01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	3.00E-03
VB318L	5.65E-03	8.97E-01	0.00E+00	8.97E-01	0.00E+00	0.00E+00	5.89E-01	3.37E-07	2.67E-03	2.92E-02	0.00E+00	0.00E+00	1.58E-11	3.06E-10	2.19E-03	0.00E+00	0.00E+00	0.00E+00	7.94E-05	3.15E-02	1.25E+01	0.00E+00	1.38E-09	4.63E-08	7.38E-03	2.25E-05	1.67E-02	0.00E+00	1.25E+01	3.53E-08	1.25E+01	1.25E+01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	3.41E-03
VB318MMP	5.05E-03	7.95E-01	0.00E+00	7.95E-01	0.00E+00	0.00E+00	5.22E-01	2.99E-07	2.36E-03	2.59E-02	0.00E+00	0.00E+00	1.40E-11	2.71E-10	1.94E-03	0.00E+00	0.00E+00	0.00E+00	7.04E-05	2.80E-02	1.11E+01	0.00E+00	1.22E-09	4.10E-08	6.54E-03	1.99E-05	1.48E-02	0.00E+00	1.11E+01	3.13E-08	1.11E+01	1.11E+01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	3.02E-03
VB318MMT	5.23E-03	8.14E-01	0.00E+00	8.14E-01	0.00E+00	0.00E+00	5.34E-01	3.06E-07	2.42E-03	2.65E-02	0.00E+00	0.00E+00	1.43E-11	2.77E-10	1.99E-03	0.00E+00	0.00E+00	0.00E+00	7.21E-05	2.86E-02	1.14E+01	0.00E+00	1.25E-09	4.20E-08	6.70E-03	2.04E-05	1.52E-02	0.00E+00	1.14E+01	3.21E-08	1.14E+01	1.14E+01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	3.09E-03
VB318MP	4.95E-03	7.81E-01	0.00E+00	7.81E-01	0.00E+00	0.00E+00	5.12E-01	2.93E-07	2.32E-03	2.55E-02	0.00E+00	0.00E+00	1.37E-11	2.66E-10	1.90E-03	0.00E+00	0.00E+00	0.00E+00	6.91E-05	2.74E-02	1.09E+01	0.00E+00	1.20E-09	4.03E-08	6.42E-03	1.95E-05	1.46E-02	0.00E+00	1.09E+01	3.08E-08	1.09E+01	1.09E+01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	2.97E-03
VB318P	5.08E-03	8.00E-01	0.00E+00	8.00E-01	0.00E+00	0.00E+00	5.25E-01	3.01E-07	2.38E-03	2.61E-02	0.00E+00	0.00E+00	1.41E-11	2.72E-10	1.95E-03	0.00E+00	0.00E+00	0.00E+00	7.09E-05	2.81E-02	1.12E+01	0.00E+00	1.23E-09	4.13E-08	6.58E-03	2.00E-05	1.49E-02	0.00E+00	1.12E+01	3.16E-08	1.12E+01	1.12E+01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	3.04E-03
VB318PB	5.13E-03	8.09E-01	0.00E+00	8.09E-01	0.00E+00	0.00E+00	5.31E-01	3.04E-07	2.41E-03	2.64E-02	0.00E+00	0.00E+00	1.42E-11	2.76E-10	1.97E-03	0.00E+00	0.00E+00	0.00E+00	7.17E-05	2.85E-02	1.13E+01	0.00E+00	1.24E-09	4.17E-08	6.66E-03	2.03E-05	1.51E-02	0.00E+00	1.13E+01	3.19E-08	1.13E+01	1.13E+01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
VB318PE	5.18E-03	8.17E-01	0.00E+00	8.17E-01	0.00E+00	0.00E+00	5.36E-01	3.07E-07	2.43E-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	7.23E-05	2.87E-02	1.14E+01	0.00E+00	1.25E-09	4.21E-08	6.72E-03	2.05E-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	3.11E-03
VB318PP	5.27E-03	8.31E-01	0.00E+00	8.31E-01	0.00E+00	0.00E+00	5.45E-01	3.12E-07	2.47E-03	2.71E-02	0.00E+00	0.00E+00	1.46E-11	2.83E-10	2.03E-03	0.00E+00	0.00E+00	0.00E+00	7.35E-05	2.92E-02	1.16E+01	0.00E+00	1.28E-09	4.28E-08	6.83E-03	2.08E-05	1.55E-02	0.00E+00	1.16E+01	3.27E-08	1.16E+01	1.16E+01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	3.16E-03
VB318R	5.13E-03	8.10E-01	0.00E+00	8.10E-01	0.00E+00	0.00E+00	5.31E-01	3.04E-07	2.41E-03	2.64E-02	0.00E+00	0.00E+00	1.42E-11	2.76E-10	1.97E-03	0.00E+00	0.00E+00	0.00E+00	7.17E-05	2.85E-02	1.13E+01	0.00E+00	1.24E-09	4.18E-08	6.66E-03	2.03E-05	1.51E-02	0.00E+00	1.13E+01	3.19E-08	1.13E+01	1.13E+01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
VB318TB	5.19E-03	8.18E-01	0.00E+00	8.18E-01	0.00E+00	0.00E+00	5.37E-01	3.07E-07	2.43E-03	2.67E-02	0.00E+00	0.00E+00	1.44E-11	2.79E-10	2.00E-03	0.00E+00	0.00E+00	0.00E+00	7.24E-05	2.88E-02	1.14E+01	0.00E+00	1.26E-09	4.22E-08	6.73E-03	2.05E-05	1.53E-02	0.00E+00	1.14E+01	3.23E-08	1.14E+01	1.14E+01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	3.11E-03
VB418A	4.97E-03	7.84E-01	0.00E+00	7.84E-01	0.00E+00	0.00E+00	5.15E-01	2.95E-07	2.33E-03	2.56E-02	0.00E+00	0.00E+00	1.38E-11	2.67E-10	1.91E-03	0.00E+00	0.00E+00	0.00E+00	6.95E-05	2.76E-02	1.10E+01	0.00E+00	1.20E-09	4.05E-08	6.45E-03	1.96E-05	1.46E-02	0.00E+00	1.10E+01	3.09E-08	1.10E+01	1.10E+01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	2.98E-03
VB418B	6.38E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	6.60E-01	3.78E-07	2.99E-03	3.28E-02	0.00E+00	0.00E+00	1.77E-11	3.42E-10	2.45E-03	0.00E+00	0.00E+00	0.00E+00	8.91E-05	3.54E-02	1.41E+01	0.00E+00	1.54E-09	5.19E-08	8.27E-03	2.52E-05	1.88E-02	0.00E+00	1.41E+01	3.97E-08	1.41E+01	1.41E+01	1.88E-02	0.00E+00	0.00E+00	0.00E+00	3.83E-03
VB418C	6.26E-03	9.88E-01	0.00E+00	9.88E-01	0.00E+00	0.00E+00	6.48E-01	3.71E-07	2.94E-03	3.22E-02	0.00E+00	0.00E+00	1.74E-11	3.36E-10	2.41E-03	0.00E+00	0.00E+00	0.00E+00	8.75E-05	3.47E-02	1.38E+01	0.00E+00	1.52E-09	5.09E-08	8.12E-03	2.47E-05	1.84E-02	0.00E+00	1.38E+01	3.89E-08	1.38E+01	1.38E+01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	3.76E-03
VB418L	6.95E-03	1.09E+00	0.00E+00	1.09E+00	0.00E+00	0.00E+00	7.17E-01	4.10E-07	3.25E-03	3.57E-02	0.00E+00	0.00E+00	1.93E-11	3.70E-10	2.67E-03	0.00E+00	0.00E+00	0.00E+00	9.66E-05	3.84E-02	1.52E+01	0.00E+00	1.68E-09	5.61E-08	8.95E-03	2.73E-05	2.04E-02	0.00E+00	1.52E+01	4.32E-08	1.52E+01	1.53E+01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	4.16E-03
VB418MMP	6.92E-03	1.08E+00	0.00E+00	1.08E+00	0.00E+00	0.00E+00	7.14E-01	4.08E-07	3.23E-03	3.56E-02	0.00E+00	0.00E+00	1.92E-11	3.68E-10	2.66E-03	0.00E+00	0.00E+00	0.00E+00	9.62E-05	3.82E-02	1.51E+01	0.00E+00	1.67E-09	5.58E-08	8.91E-03	2.71E-05	2.03E-02	0.00E+00	1.51E+01	4.30E-08	1.51E+01	1.52E+01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	4.14E-03
VB418MMT	6.44E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	6.65E-01	3.81E-07	3.02E-03	3.31E-02	0.00E+00	0.00E+00	1.79E-11	3.45E-10	2.47E-03	0.00E+00	0.00E+00	0.00E+00	8.98E-05	3.56E-02	1.42E+01	0.00E+00	1.56E-09	5.23E-08	8.33E-03	2.54E-05	1.89E-02	0.00E+00	1.42E+01	4.00E-08	1.42E+01	1.42E+01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	3.86E-03
VB418MTP	6.44E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	6.65E-01	3.81E-07	3.02E-03	3.31E-02	0.00E+00	0.00E+00	1.78E-11	3.45E-10	2.47E-03	0.00E+00	0.00E+00	0.00E+00	8.97E-05	3.56E-02	1.42E+01	0.00E+00	1.55E-09	5.23E-08	8.33E-03	2.54E-05	1.89E-02	0.00E+00	1.42E+01	4.00E-08	1.42E+01	1.42E+01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	3.86E-03
VB418MTT	6.96E-03	1.09E+00	0.00E+00	1.09E+00	0.00E+00	0.00E+00	7.18E-01	4.11E-07	3.25E-03	3.58E-02	0.00E+00	0.00E+00	1.94E-11	3.70E-10	2.67E-03	0.00E+00	0.00E+00	0.00E+00	9.68E-05	3.84E-02	1.52E+01	0.00E+00	1.68E-09	5.61E-08	8.97E-03	2.73E-05	2.04E-02	0.00E+00	1.52E+01	4.32E-08	1.52E+01	1.53E+01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	4.16E-03
VB418P	6.37E-03	1.00E+00	0.00E+00	1.00E+00	0.00E+00	0.00E+00	6.59E-01	3.77E-07	2.98E-03	3.27E-02	0.00E+00	0.00E+00	1.77E-11	3.42E-10	2.45E-03	0.00E+00	0.00E+00	0.00E+00	8.89E-05	3.53E-02	1.40E+01	0.00E+00	1.54E-09	5.18E-08	8.26E-03	2.51E-05	1.87E-02	0.00E+00	1.40E+01	3.96E-08	1.40E+01	1.40E+01	1.87E-02	0.00E+00	0.00E+00	0.00E+00	3.82E-03
VB418PB	6.31E-03	9.95E-01	0.00E+00	9.95E-01	0.00E+00	0.00E+00	6.53E-01	3.74E-07	2.96E-03	3.25E-02	0.00E+00	0.00E+00	1.75E-11	3.39E-10	2.43E-03	0.00E+00	0.00E+00	0.00E+00	8.81E-05	3.50E-02	1.39E+01	0.00E+00	1.53E-09	5.13E-08	8.19E-03	2.49E-05	1.86E-02	0.00E+00	1.39E+01	3.92E-08	1.39E+01	1.39E+01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	3.78E-03
VB418PE	6.38E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	6.60E-01	3.78E-07	2.99E-03	3.28E-02	0.00E+00	0.00E+00	1.77E-11	3.43E-10	2.45E-03	0.00E+00	0.00E+00	0.00E+00	8.91E-05	3.54E-02	1.41E+01	0.00E+00	1.54E-09	5.19E-08	8.28E-03	2.52E-05	1.88E-02	0.00E+00	1.41E+01	3.97E-08	1.41E+01	1.41E+01	1.88E-02	0.00E+00	0.00E+00	0.00E+00	3.83E-03
VB418PP	6.52E-03	1.03E+00	0.00E+00	1.03E+00	0.00E+00	0.00E+00	6.75E-01	3.86E-07	3.06E-03	3.35E-02	0.00E+00	0.00E+00	1.81E-11	3.50E-10	2.51E-03	0.00E+00	0.00E+00	0.00E+00	9.11E-05	3.62E-02	1.44E+01	0.00E+00	1.58E-09	5.30E-08	8.46E-03	2.58E-05	1.92E-02	0.00E+00	1.44E+01	4.05E-08	1.44E+01	1.44E+01	1.92E-02	0.00E+00	0.00E+00	0.00E+00	3.91E-03
VB418R	6.36E-03	1.00E+00	0.00E+00	1.00E+00	0.00E+00	0.00E+00	6.58E-01	3.77E-07	2.98E-03	3.27E-02	0.00E+00	0.00E+00	1.76E-11	3.41E-10	2.45E-03	0.00E+00	0.00E+00	0.00E+00	8.88E-05	3.52E-02	1.40E+01	0.00E+00	1.54E-09	5.17E-08	8.25E-03	2.51E-05	1.87E-02	0.00E+00	1.40E+01	3.95E-08	1.40E+01	1.40E+01	1.87E-02	0.00E+00	0.00E+00	0.00E+00	3.81E-03
VB418TB	6.36E-03	1.00E+00	0.00E+00	1.00E+00	0.00E+00	0.00E+00	6.58E-01	3.77E-07	2.98E-03	3.27E-02	0.00E+00	0.00E+00	1.76E-11	3.41E-10	2.45E-03	0.00E+00	0.00E+00	0.00E+00	8.88E-05	3.52E-02	1.40E+01	0.00E+00	1.54E-09	5.17E-08	8.25E-03	2.51E-05	1.87E-02	0.00E+00	1.40E+01	3.95E-08	1.40E+01	1.40E+01	1.87E-02	0.00E+00	0.00E+00	0.00E+00	3.81E-03

VD101ND	8.09E-05	1.29E-02	0.00E+00	1.29E-02	0.00E+00	0.00E+00	8.33E-03	4.89E-09	3.80E-05	4.14E-04	0.00E+00	0.00E+00	2.24E-13	4.36E-12	3.14E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-06	4.52E-04	1.78E-01	0.00E+00	1.97E-11	6.59E-10	1.05E-04	3.18E-07	2.37E-04	0.00E+00	1.78E-01	5.03E-10	1.78E-01	1.78E-01	2.37E-04	0.00E+00	0.00E+00	0.00E+00	4.82E-05
VD101NT	9.35E-05	1.47E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	9.67E-03	5.54E-09	4.38E-05	4.81E-04	0.00E+00	0.00E+00	2.59E-13	5.02E-12	3.59E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-06	5.18E-04	2.06E-01	0.00E+00	2.26E-11	7.60E-10	1.21E-04	3.69E-07	2.75E-04	0.00E+00	2.06E-01	5.81E-10	2.06E-01	2.06E-01	2.75E-04	0.00E+00	0.00E+00	0.00E+00	5.60E-05
VD102ND	1.16E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.22E-02	7.00E-09	5.48E-05	6.01E-04	0.00E+00	0.00E+00	3.27E-13	6.28E-12	4.51E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.46E-04	2.58E-01	0.00E+00	2.83E-11	9.54E-10	1.52E-04	4.65E-07	3.46E-04	0.00E+00	2.58E-01	7.27E-10	2.58E-01	2.61E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-05
VD102NE	1.17E-04	1.74E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.14E-02	6.53E-09	5.17E-05	5.67E-04	0.00E+00	0.00E+00	3.06E-13	5.92E-12	4.24E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.11E-04	2.43E-01	0.00E+00	2.67E-11	8.97E-10	1.43E-04	4.35E-07	3.24E-04	0.00E+00	2.43E-01	6.85E-10	2.43E-01	2.43E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-05
VD102NT	1.13E-04	1.78E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.17E-02	6.69E-09	5.29E-05	5.81E-04	0.00E+00	0.00E+00	3.13E-13	6.06E-12	4.34E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.26E-04	2.49E-01	0.00E+00	2.73E-11	9.18E-10	1.46E-04	4.46E-07	3.32E-04	0.00E+00	2.49E-01	7.02E-10	2.49E-01	2.49E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05
VD104NE	1.55E-04	2.44E-02	0.00E+00	2.44E-02	0.00E+00	0.00E+00	1.60E-02	9.16E-09	7.25E-05	7.95E-04	0.00E+00	0.00E+00	4.29E-13	8.30E-12	5.95E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.57E-04	3.41E-01	0.00E+00	3.74E-11	1.26E-09	2.00E-04	6.10E-07	4.54E-04	0.00E+00	3.41E-01	9.61E-10	3.41E-01	3.41E-01	4.54E-04	0.00E+00	0.00E+00	0.00E+00	9.27E-05
VD104NT	1.59E-04	2.51E-02	0.00E+00	2.51E-02	0.00E+00	0.00E+00	1.64E-02	9.41E-09	7.45E-05	8.17E-04	0.00E+00	0.00E+00	4.41E-13	8.53E-12	6.11E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	8.81E-04	3.50E-01	0.00E+00	3.85E-11	1.29E-09	2.06E-04	6.27E-07	4.67E-04	0.00E+00	3.50E-01	9.88E-10	3.50E-01	3.51E-01	4.67E-04	0.00E+00	0.00E+00	0.00E+00	9.53E-05
VD106NE	3.97E-04	5.88E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	3.86E-02	2.21E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.03E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.07E-03	8.21E-01	0.00E+00	9.02E-11	3.03E-09	4.83E-04	1.47E-06	1.10E-03	0.00E+00	8.21E-01	2.32E-09	8.21E-01	8.22E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
VD106NP	4.25E-04	6.69E-02	0.00E+00	6.69E-02	0.00E+00	0.00E+00	4.39E-02	2.51E-08	1.99E-04	2.18E-03	0.00E+00	0.00E+00	1.18E-12	2.28E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.92E-06	2.35E-03	9.34E-01	0.00E+00	1.03E-10	3.45E-09	5.50E-04	1.67E-06	1.25E-03	0.00E+00	9.34E-01	2.64E-09	9.34E-01	9.35E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
VD106PD	4.34E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.48E-02	2.56E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.40E-03	9.53E-01	0.00E+00	1.05E-10	3.52E-09	5.61E-04	1.71E-06	1.27E-03	0.00E+00	9.53E-01	2.69E-09	9.53E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
VD106TD	4.34E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.48E-02	2.56E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.40E-03	9.53E-01	0.00E+00	1.05E-10	3.52E-09	5.61E-04	1.71E-06	1.27E-03	0.00E+00	9.53E-01	2.69E-09	9.53E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
VD106TF	3.76E-04	5.81E-02	0.00E+00	5.81E-02	0.00E+00	0.00E+00	3.81E-02	2.18E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.04E-03	8.12E-01	0.00E+00	8.92E-11	3.00E-09	4.78E-04	1.45E-06	1.08E-03	0.00E+00	8.12E-01	2.29E-09	8.12E-01	8.13E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
VD108NE	4.68E-04	6.93E-02	0.00E+00	6.93E-02	0.00E+00	0.00E+00	4.54E-02	2.60E-08	2.06E-04	2.26E-03	0.00E+00	0.00E+00	1.22E-12	2.36E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-06	2.43E-03	9.68E-01	0.00E+00	1.06E-10	3.57E-09	5.70E-04	1.73E-06	1.29E-03	0.00E+00	9.68E-01	2.73E-09	9.68E-01	9.69E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
VD108NP	5.13E-04	7.92E-02	0.00E+00	7.92E-02	0.00E+00	0.00E+00	5.20E-02	2.98E-08	2.35E-04	2.58E-03	0.00E+00	0.00E+00	1.39E-12	2.70E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.02E-06	2.78E-03	1.11E+00	0.00E+00	1.22E-10	4.08E-09	6.52E-04	1.98E-06	1.48E-03	0.00E+00	1.11E+00	3.12E-09	1.11E+00	1.11E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.01E-04
VD108PD	5.57E-04	8.72E-02	0.00E+00	8.72E-02	0.00E+00	0.00E+00	5.72E-02	3.27E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.97E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-06	3.06E-03	1.22E+00	0.00E+00	1.34E-10	4.50E-09	7.17E-04	2.18E-06	1.63E-03	0.00E+00	1.22E+00	3.44E-09	1.22E+00	1.22E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
VD108PP	5.77E-04	8.97E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	5.88E-02	3.37E-08	2.67E-04	2.93E-03	0.00E+00	0.00E+00	1.58E-12	3.06E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-06	3.15E-03	1.25E+00	0.00E+00	1.38E-10	4.63E-09	7.38E-04	2.25E-06	1.67E-03	0.00E+00	1.25E+00	3.54E-09	1.25E+00	1.25E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
VD108TD	5.55E-04	8.70E-02	0.00E+00	8.70E-02	0.00E+00	0.00E+00	5.70E-02	3.27E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.96E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-06	3.06E-03	1.21E+00	0.00E+00	1.34E-10	4.49E-09	7.15E-04	2.18E-06	1.62E-03	0.00E+00	1.21E+00	3.43E-09	1.21E+00	1.22E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04
VD108TF	5.57E-04	8.72E-02	0.00E+00	8.72E-02	0.00E+00	0.00E+00	5.72E-02	3.27E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.97E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-06	3.06E-03	1.22E+00	0.00E+00	1.34E-10	4.50E-09	7.17E-04	2.18E-06	1.63E-03	0.00E+00	1.22E+00	3.44E-09	1.22E+00	1.22E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
VD108TP	6.02E-04	8.91E-02	0.00E+00	8.91E-02	0.00E+00	0.00E+00	5.84E-02	3.35E-08	2.65E-04	2.90E-03	0.00E+00	0.00E+00	1.57E-12	3.03E-11	2.17E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-06	3.13E-03	1.24E+00	0.00E+00	1.37E-10	4.59E-09	7.33E-04	2.23E-06	1.66E-03	0.00E+00	1.24E+00	3.51E-09	1.24E+00	1.25E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
VD110NE	5.38E-04	7.97E-02	0.00E+00	7.97E-02	0.00E+00	0.00E+00	5.23E-02	2.99E-08	2.37E-04	2.60E-03	0.00E+00	0.00E+00	1.40E-12	2.71E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-06	2.80E-03	1.11E+00	0.00E+00	1.22E-10	4.11E-09	6.55E-04	1.99E-06	1.49E-03	0.00E+00	1.11E+00	3.14E-09	1.11E+00	1.11E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
VD110NP	5.57E-04	8.72E-02	0.00E+00	8.72E-02	0.00E+00	0.00E+00	5.72E-02	3.27E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.97E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-06	3.06E-03	1.22E+00	0.00E+00	1.34E-10	4.50E-09	7.17E-04	2.18E-06	1.63E-03	0.00E+00	1.22E+00	3.44E-09	1.22E+00	1.22E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
VD110PD	6.19E-04	9.78E-02	0.00E+00	9.78E-02	0.00E+00	0.00E+00	6.42E-02	3.66E-08	2.91E-04	3.19E-03	0.00E+00	0.00E+00	1.72E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-06	3.44E-03	1.37E+00	0.00E+00	1.50E-10	5.03E-09	8.03E-04	2.44E-06	1.83E-03	0.00E+00	1.37E+00	3.85E-09	1.37E+00	1.36E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	3.71E-04
VD110PP	6.20E-04	9.80E-02	0.00E+00	9.80E-02	0.00E+00	0.00E+00	6.43E-02	3.67E-08	2.92E-04	3.20E-03	0.00E+00	0.00E+00	1.72E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.70E-06	3.44E-03	1.37E+00	0.00E+00	1.51E-10	5.04E-09	8.05E-04	2.45E-06	1.83E-03	0.00E+00	1.37E+00	3.86E-09	1.37E+00	1.37E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04
VD110PT	7.75E-04	1.22E-01	0.00E+00	1.22E-01	0.00E+00	0.00E+00	8.01E-02	4.59E-08	3.63E-04	3.98E-03	0.00E+00	0.00E+00	2.15E-12	4.16E-11	2.98E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-05	4.29E-03	1.71E+00	0.00E+00	1.87E-10	6.30E-09	1.00E-03	3.06E-06	2.28E-03	0.00E+00	1.71E+00	4.82E-09	1.71E+00	1.71E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	4.64E-04
VD110TD	6.20E-04	9.80E-02	0.00E+00	9.80E-02	0.00E+00	0.00E+00	6.43E-02	3.67E-08	2.92E-04	3.20E-03	0.00E+00	0.00E+00	1.72E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.70E-06	3.44E-03	1.37E+00	0.00E+00	1.51E-10	5.04E-09	8.05E-04	2.45E-06	1.83E-03	0.00E+00	1.37E+00	3.86E-09	1.37E+00	1.37E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04
VD110TF	6.59E-04	1.04E-01	0.00E+00	1.04E-01	0.00E+00	0.00E+00	6.84E-02	3.91E-08	3.10E-04	3.40E-03	0.00E+00	0.00E+00	1.83E-12	3.56E-11	2.55E-04	0.00E+00	0.00E+00	0.00E+00	9.25E-06	3.66E-03	1.46E+00	0.00E+00	1.60E-10	5.37E-09	8.56E-04	2.60E-06	1.95E-03	0.00E+00	1.46E+00	4.11E-09	1.46E+00	1.45E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	3.96E-04
VD110TP	6.78E-04	1.00E-01	0.00E+00	1.00E-01	0.00E+00	0.00E+00	6.58E-02	3.77E-08	2.98E-04	3.27E-03	0.00E+00	0.00E+00	1.77E-12	3.41E-11	2.45E-04	0.00E+00	0.00E+00	0.00E+00	8.88E-06	3.53E-03	1.40E+00	0.00E+00	1.54E-10	5.17E-09	8.25E-04	2.51E-06	1.87E-03	0.00E+00	1.40E+00	3.95E-09	1.40E+00	1.40E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	3.81E-04
VD110TT	8.25E-04	1.22E-01	0.00E+00	1.22E-01	0.00E+00	0.00E+00	8.01E-02	4.59E-08	3.63E-04	3.98E-03	0.00E+00	0.00E+00	2.15E-12	4.16E-11	2.98E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-05	4.29E-03	1.71E+00	0.00E+00	1.87E-10	6.30E-09	1.00E-03	3.06E-06	2.28E-03	0.00E+00	1.71E+00	4.82E-09	1.71E+00	1.71E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	4.64E-04
VD112NE	7.57E-04	1.12E-01	0.00E+00	1.12E-01	0.00E+00	0.00E+00	7.34E-02	4.21E-08	3.33E-04	3.65E-03	0.00E+00	0.00E+00	1.97E-12	3.81E-11	2.73E-04	0.00E+00	0.00E+00	0.00E+00	9.91E-06	3.94E-03	1.56E+00	0.00E+00	1.72E-10	5.77E-09	9.21E-04	2.80E-06	2.09E-03	0.00E+00	1.56E+00	4.41E-09	1.56E+00	1.57E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	4.26E-04
VD112NP	8.31E-04	1.31E-01	0.00E+00	1.31E-01	0.00E+00	0.00E+00	8.56E-02	4.91E-08	3.88E-04	4.26E-03	0.00E+00	0.00E+00	2.30E-12	4.45E-11	3.19E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-05	4.59E-03	1.82E+00	0.00E+00	2.00E-10	6.74E-09	1.07E-03	3.27E-06	2.43E-03	0.00E+00	1.82E+00	5.15E-09	1.82E+00	1.83E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
VD112PD	8.43E-04	1.33E-01	0.00E+00	1.33E-01	0.00E+00	0.00E+00	8.69E-02	4.98E-08	3.94E-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	4.66E-03	1.85E+00	0.00E+00	2.03E-10	6.84E-09	1.09E-03	3.32E-06	2.47E-03	0.00E+00	1.85E+00	5.23E-09	1.85E+00	1.85E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	5.04E-04
VD112PP	8.43E-04	1.33E-01	0.00E+00	1.33E-01	0.00E+00	0.00E+00	8.69E-02	4.98E-08	3.94E-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	4.66E-03	1.85E+00	0.00E+00	2.03E-10	6.84E-09	1.09E-03	3.32E-06	2.47E-03	0.00E+00	1.85E+00	5.23E-09	1.85E+00	1.85E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	5.04E-04
VD112TD	8.43E-04	1.33E-01	0.00E+00	1.33E-01	0.00E+00	0.00E+00	8.69E-02	4.98E-08	3.94E-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	4.66E-03	1.85E+00	0.00E+00	2.03E-10	6.84E-09	1.09E-03	3.32E-06	2.47E-03	0.00E+00	1.85E+00	5.23E-09	1.85E+00	1.85E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	5.04E-04
VD112TF	8.31E-04	1.31E-01	0.00E+00	1.31E-01	0.00E+00	0.00E+00	8.56E-02	4.91E-08	3.88E-04	4.26E-03	0.00E+00	0.00E+00	2.30E-12	4.45E-11	3.19E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-05	4.59E-03	1.82E+00	0.00E+00	2.00E-10	6.74E-09	1.07E-03	3.27E-06	2.43E-03	0.00E+00	1.82E+00	5.15E-09	1.82E+00	1.83E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
VD112TP	9.36E-04	1.38E-01	0.00E+00	1.38E-01	0.00E+00	0.00E+00	9.08E-02	5.20E-08	4.12E-04	4.52E-03	0.00E+00	0.00E+00	2.44E-12	4.71E-11	3.38E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-05	4.87E-03	1.93E+00	0.00E+00	2.13E-10	7.14E-09	1.14E-03	3.47E-06	2.58E-03	0.00E+00	1.93E+00	5.46E-09	1.93E+00	1.94E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	5.27E-04
VD118NE	9.90E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.61E-02	5.50E-08	4.36E-04	4.78E-03	0.00E+00	0.00E+00	2.58E-12	4.99E-11	3.57E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.15E-03	2.05E+00	0.00E+00	2.25E-10	7.56E-09	1.21E-03	3.67E-06	2.73E-03	0.00E+00	2.05E+00	5.78E-09	2.05E+00	2.05E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	5.57E-04
VD118NP	1.07E-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	5.62E-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	3.08E-03	0.00E+00	2.30E+00	6.50E-09	2.30E+00	2.31E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	6.27E-04
VD118PD	1.15E-03	1.81E-01	0.00E+00	1.81E-01	0.00E+00	0.00E+00	1.19E-01	6.79E-08	5.37E-04	5.90E-03	0.00E+00	0.00E+00	3.18E-12	6.15E-11	4.41E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	6.35E-03	2.52E+00	0.00E+00	2.78E-10	9.32E-09	1.49E-03	4.53E-06	3.37E-03	0.00E+00	2.52E+00	7.13E-09	2.52E+00	2.53E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	6.88E-04
VD118PP	1.12E-03	1.76E-01	0.00E+00	1.76E-01	0.00E+00	0.00E+00	1.16E-01	6.63E-08	5.24E-04	5.75E-03	0.00E+00	0.00E+00	3.10E-12	6.00E-11	4.30E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-05	6.20E-03	2.46E+00	0.00E+00	2.71E-10	9.10E-09	1.45E-03	4.42E-06	3.29E-03	0.00E+00	2.46E+00	6.95E-09	2.46E+00	2.47E+00	3.29E-03	0.00E+00	0.00E+00	0.00E+00	6.71E-04
VD118TD	1.16E-03	1.82E-01	0.00E+00	1.82E-01	0.00E+00	0.00E+00	1.19E-01	6.85E-08	5.41E-04	5.94E-03	0.00E+00	0.00E+00	3.21E-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
VD118TF	1.16E-03	1.82E-01	0.00E+00	1.82E-01	0.00E+00	0.00E+00	1.19E-01	6.85E-08	5.41E-04	5.94E-03	0.00E+00	0.00E+00	3.21E-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
VD118TP	1.14E-03	1.80E-01	0.00E+00	1.80E-01	0.00E+00	0.00E+00	1.18E-01	6.76E-08	5.35E-04	5.87E-03	0.00E+00	0.00E+00	3.17E-12	6.13E-11	4.39E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-05	6.33E-03	2.52E+00	0.00E+00	2.76E-10	9.29E-09	1.48E-03	4.51E-06	3.36E-03	0.00E+00	2.52E+00	7.10E-09	2.52E+00	2.52E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	6.85E-04
VD212NE	1.14E-03	1.79E-01	0.00E+00	1.79E-01	0.00E+00	0.00E+00	1.18E-01	6.73E-08	5.33E-04	5.85E-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	4.49E-06	3.34E-03	0.00E+00	2.50E+00	7.07E-09	2.50E+00	2.51E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	6.82E-04
VD212PD	1.39E-03	2.17E-01	0.00E+00	2.17E-01	0.00E+00	0.00E+00	1.42E-01	8.15E-08	6.45E-04	7.07E-03	0.00E+00	0.00E+00	3.82E-12	7.38E-11	5.29E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-05	7.62E-03	3.03E+00	0.00E+00	3.33E-10	1.12E-08	1.78E-03	5.43E-06	4.04E-03	0.00E+00	3.03E+00	8.55E-09	3.03E+00	3.03E+00	4.04E-03	0.00E+00	0.00E+00	0.00E+00	8.25E-04
VD212PDM	1.27E-03	2.00E-01	0.00E+00	2.00E-01	0.00E+00	0.00E+00	1.31E-01	7.51E-08	5.94E-04	6.52E-03	0.00E+00	0.00E+00	3.52E-12	6.81E-11	4.88E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	7.03E-03	2.80E+00	0.00E+00	3.07E-10	1.03E-08	1.65E-03	5.01E-06	3.73E-03	0.00E+00	2.80E+00	7.88E-09	2.80E+00	2.80E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	7.61E-04
VD212PP	1.42E-03	2.24E-01	0.00E+00	2.24E-01	0.00E+00	0.00E+00	1.47E-01	8.40E-08	6.65E-04	7.29E-03	0.00E+00	0.00E+00	3.94E-12	7.61E-11	5.45E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	7.86E-03	3.12E+00	0.00E+00	3.43E-10	1.15E-08	1.84E-03	5.60E-06	4.17E-03	0.00E+00	3.12E+00	8.82E-09	3.12E+00	3.13E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	8.50E-04
VD212TD	1.50E-03	2.36E-01	0.00E+00	2.36E-01	0.00E+00	0.00E+00	1.55E-01	8.85E-08	7.00E-04	7.68E-03	0.00E+00	0.00E+00	4.15E-12	8.02E-11	5.75E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	8.28E-03	3.29E+00	0.00E+00	3.62E-10	1.22E-08	1.94E-03	5.90E-06	4.39E-03	0.00E+00	3.29E+00	9.29E-09	3.29E+00	3.30E+00	4.39E-03	0.00E+00	0.00E+00	0.00E+00	8.96E-04
VD212TF	1.36E-03	2.14E-01	0.00E+00	2.14E-01	0.00E+00	0.00E+00	1.40E-01	8.01E-08	6.35E-04	6.97E-03	0.00E+00	0.00E+00	3.75E-12	7.27E-11	5.20E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	7.50E-03	2.99E+00	0.00E+00	3.28E-10	1.10E-08	1.76E-03	5.34E-06	3.98E-03	0.00E+00	2.99E+00	8.42E-09	2.99E+00	2.99E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	8.13E-04
VE103A	5.22E-04	7.93E-02	0.00E+00	7.93E-02	0.00E+00	0.00E+00	5.21E-02	2.98E-08	2.36E-04	2.59E-03	0.00E+00	0.00E+00	1.40E-12	2.70E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.02E-06	2.79E-03	1.11E+00	0.00E+00	1.22E-10	4.09E-09	6.53E-04	1.99E-06	1.48E-03	0.00E+00	1.11E+00	3.13E-09	1.11E+00	1.11E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.02E-04
VE103D	5.20E-04	7.81E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	5.12E-02	2.93E-08	2.32E-04	2.55E-03	0.00E+00	0.00E+00	1.37E-12	2.66E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.92E-06	2.75E-03	1.09E+00	0.00E+00	1.20E-10	4.03E-09	6.43E-04	1.96E-06	1.46E-03	0.00E+00	1.09E+00	3.08E-09	1.09E+00	1.09E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
VE103E	4.34E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.48E-02	2.56E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.40E-03	9.53E-01	0.00E+00	1.05E-10	3.52E-09	5.61E-04	1.71E-06	1.27E-03	0.00E+00	9.53E-01	2.69E-09	9.53E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
VE103F	4.65E-04	7.34E-02	0.00E+00	7.34E-02	0.00E+00	0.00E+00	4.81E-02	2.76E-08	2.18E-04	2.39E-03	0.00E+00	0.00E+00	1.29E-12	2.50E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.50E-06	2.58E-03	1.02E+00	0.00E+00	1.13E-10	3.78E-09	6.03E-04	1.84E-06	1.37E-03	0.00E+00	1.02E+00	2.89E-09	1.02E+00	1.03E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
VE103G	4.34E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.48E-02	2.56E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.40E-03	9.53E-01	0.00E+00	1.05E-10	3.52E-09	5.61E-04	1.71E-06	1.27E-03	0.00E+00	9.53E-01	2.69E-09	9.53E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
VE103L	5.16E-04	7.69E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	5.05E-02	2.89E-08	2.29E-04	2.51E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-06	2.70E-03	1.07E+00	0.00E+00	1.18E-10	3.97E-09	6.33E-04	1.93E-06	1.43E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.08E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
VE103M	4.99E-04	7.50E-02	0.00E+00	7.50E-02	0.00E+00	0.00E+00	4.92E-02	2.82E-08	2.23E-04	2.44E-03	0.00E+00	0.00E+00	1.32E-12	2.55E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-06	2.63E-03	1.05E+00	0.00E+00	1.15E-10	3.87E-09	6.17E-04	1.88E-06	1.40E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.05E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
VE103N	5.15E-04	7.68E-02	0.00E+00	7.68E-02	0.00E+00	0.00E+00	5.04E-02	2.89E-08	2.28E-04	2.51E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-06	2.70E-03	1.07E+00	0.00E+00	1.18E-10	3.96E-09	6.32E-04	1.92E-06	1.43E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.08E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
VE103PN	5.03E-04	7.44E-02	0.00E+00	7.44E-02	0.00E+00	0.00E+00	4.88E-02	2.79E-08	2.21E-04	2.42E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.61E-03	1.04E+00	0.00E+00	1.14E-10	3.84E-09	6.12E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.93E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
VE103S	5.28E-04	7.81E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	5.12E-02	2.93E-08	2.32E-04	2.55E-03	0.00E+00	0.00E+00	1.37E-12	2.66E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-06	2.74E-03	1.09E+00	0.00E+00	1.20E-10	4.03E-09	6.42E-04	1.95E-06	1.46E-03	0.00E+00	1.09E+00	3.08E-09	1.09E+00	1.09E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
VE103SN	5.16E-04	7.63E-02	0.00E+00	7.63E-02	0.00E+00	0.00E+00	5.00E-02	2.87E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-06	2.68E-03	1.07E+00	0.00E+00	1.17E-10	3.93E-09	6.28E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
VE103U	5.57E-04	8.72E-02	0.00E+00	8.72E-02	0.00E+00	0.00E+00	5.72E-02	3.27E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.97E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-06	3.06E-03	1.22E+00	0.00E+00	1.34E-10	4.50E-09	7.17E-04	2.18E-06	1.63E-03	0.00E+00	1.22E+00	3.44E-09	1.22E+00	1.22E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
VE106A	8.06E-04	1.19E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	7.82E-02	4.48E-08	3.54E-04	3.89E-03	0.00E+00	0.00E+00	2.10E-12	4.06E-11	2.91E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-05	4.19E-03	1.67E+00	0.00E+00	1.83E-10	6.15E-09	9.80E-04	2.98E-06	2.22E-03	0.00E+00	1.67E+00	4.70E-09	1.67E+00	1.67E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	4.53E-04
VE106D	8.15E-04	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	8.30E-02	4.75E-08	3.76E-04	4.13E-03	0.00E+00	0.00E+00	2.23E-12	4.31E-11	3.09E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-05	4.45E-03	1.77E+00	0.00E+00	1.94E-10	6.53E-09	1.04E-03	3.17E-06	2.36E-03	0.00E+00	1.77E+00	4.99E-09	1.77E+00	1.77E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	4.81E-04
VE106E	7.17E-04	1.06E-01	0.00E+00	1.06E-01	0.00E+00	0.00E+00	6.96E-02	3.99E-08	3.16E-04	3.46E-03	0.00E+00	0.00E+00	1.87E-12	3.61E-11	2.59E-04	0.00E+00	0.00E+00	0.00E+00	9.40E-06	3.73E-03	1.48E+00	0.00E+00	1.63E-10	5.48E-09	8.73E-04	2.66E-06	1.98E-03	0.00E+00	1.48E+00	4.19E-09	1.48E+00	1.49E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	4.04E-04
VE106F	7.30E-04	1.15E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.55E-02	4.32E-08	3.42E-04	3.75E-03	0.00E+00	0.00E+00	2.03E-12	3.92E-11	2.81E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-05	4.05E-03	1.61E+00	0.00E+00	1.77E-10	5.94E-09	9.47E-04	2.88E-06	2.15E-03	0.00E+00	1.61E+00	4.54E-09	1.61E+00	1.61E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	4.38E-04
VE106G	6.93E-04	1.08E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	7.09E-02	4.06E-08	3.21E-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	9.57E-06	3.80E-03	1.51E+00	0.00E+00	1.66E-10	5.57E-09	8.89E-04	2.71E-06	2.02E-03	0.00E+00	1.51E+00	4.26E-09	1.51E+00	1.51E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	4.11E-04
VE106H	8.87E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.17E-02	5.25E-08	4.16E-04	4.56E-03	0.00E+00	0.00E+00	2.46E-12	4.76E-11	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.91E-03	1.95E+00	0.00E+00	2.15E-10	7.21E-09	1.15E-03	3.50E-06	2.61E-03	0.00E+00	1.95E+00	5.51E-09	1.95E+00	1.96E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	5.32E-04
VE106L	7.42E-04	1.14E-01	0.00E+00	1.14E-01	0.00E+00	0.00E+00	7.50E-02	4.30E-08	3.40E-04	3.73E-03	0.00E+00	0.00E+00	2.01E-12	3.89E-11	2.79E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-05	4.02E-03	1.60E+00	0.00E+00	1.76E-10	5.90E-09	9.41E-04	2.86E-06	2.13E-03	0.00E+00	1.60E+00	4.51E-09	1.60E+00	1.60E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	4.35E-04
VE106M	7.45E-04	1.15E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.53E-02	4.31E-08	3.41E-04	3.74E-03	0.00E+00	0.00E+00	2.02E-12	3.91E-11	2.80E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-05	4.03E-03	1.60E+00	0.00E+00	1.76E-10	5.92E-09	9.44E-04	2.87E-06	2.14E-03	0.00E+00	1.60E+00	4.52E-09	1.60E+00	1.61E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	4.36E-04
VE106N	7.97E-04	1.19E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	7.79E-02	4.46E-08	3.53E-04	3.87E-03	0.00E+00	0.00E+00	2.09E-12	4.04E-11	2.90E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-05	4.18E-03	1.66E+00	0.00E+00	1.82E-10	6.13E-09	9.77E-04	2.97E-06	2.21E-03	0.00E+00	1.66E+00	4.68E-09	1.66E+00	1.66E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	4.52E-04
VE106PN	7.95E-04	1.18E-01	0.00E+00	1.18E-01	0.00E+00	0.00E+00	7.71E-02	4.42E-08	3.50E-04	3.84E-03	0.00E+00	0.00E+00	2.07E-12	4.00E-11	2.87E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-05	4.13E-03	1.64E+00	0.00E+00	1.81E-10	6.07E-09	9.67E-04	2.94E-06	2.19E-03	0.00E+00	1.64E+00	4.64E-09	1.64E+00	1.65E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	4.47E-04
VE106R	7.40E-04	1.14E-01	0.00E+00	1.14E-01	0.00E+00	0.00E+00	7.49E-02	4.29E-08	3.40E-04	3.72E-03	0.00E+00	0.00E+00	2.01E-12	3.89E-11	2.79E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-05	4.01E-03	1.60E+00	0.00E+00	1.75E-10	5.89E-09	9.40E-04	2.86E-06	2.13E-03	0.00E+00	1.60E+00	4.50E-09	1.60E+00	1.60E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	4.34E-04
VE106S	8.27E-04	1.22E-01	0.00E+00	1.22E-01	0.00E+00	0.00E+00	8.03E-02	4.60E-08	3.64E-04	3.99E-03	0.00E+00	0.00E+00	2.15E-12	4.17E-11	2.98E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-05	4.30E-03	1.71E+00	0.00E+00	1.88E-10	6.31E-09	1.01E-03	3.06E-06	2.28E-03	0.00E+00	1.71E+00	4.82E-09	1.71E+00	1.71E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	4.65E-04
VE106SN	8.14E-04	1.20E-01	0.00E+00	1.20E-01	0.00E+00	0.00E+00	7.90E-02	4.52E-08	3.58E-04	3.93E-03	0.00E+00	0.00E+00	2.12E-12	4.10E-11	2.94E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-05	4.23E-03	1.68E+00	0.00E+00	1.85E-10	6.21E-09	9.91E-04	3.01E-06	2.24E-03	0.00E+00	1.68E+00	4.75E-09	1.68E+00	1.68E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	4.58E-04
VE106U	8.43E-04	1.33E-01	0.00E+00	1.33E-01	0.00E+00	0.00E+00	8.72E-02	4.99E-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	4.67E-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

VE106YN	8.17E-04	1.28E-01	0.00E+00	1.28E-01	0.00E+00	0.00E+00	8.41E-02	4.82E-08	3.81E-04	4.18E-03	0.00E+00	0.00E+00	2.26E-12	4.37E-11	3.13E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.51E-03	1.79E+00	0.00E+00	1.97E-10	6.62E-09	1.06E-03	3.21E-06	2.39E-03	0.00E+00	1.79E+00	5.06E-09	1.79E+00	1.79E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	4.88E-04
VE110A	1.07E-03	1.69E-01	0.00E+00	1.69E-01	0.00E+00	0.00E+00	1.11E-01	6.36E-08	5.04E-04	5.53E-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	5.96E-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
VE110D	1.13E-03	1.71E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	1.12E-01	6.43E-08	5.09E-04	5.58E-03	0.00E+00	0.00E+00	3.01E-12	5.83E-11	4.18E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-05	6.02E-03	2.39E+00	0.00E+00	2.63E-10	8.83E-09	1.41E-03	4.29E-06	3.19E-03	0.00E+00	2.39E+00	6.75E-09	2.39E+00	2.39E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	6.51E-04
VE110E	9.87E-04	1.48E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	9.70E-02	5.55E-08	4.40E-04	4.82E-03	0.00E+00	0.00E+00	2.60E-12	5.04E-11	3.61E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-05	5.19E-03	2.07E+00	0.00E+00	2.27E-10	7.63E-09	1.22E-03	3.70E-06	2.76E-03	0.00E+00	2.07E+00	5.83E-09	2.07E+00	2.07E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-04
VE110F	1.08E-03	1.60E-01	0.00E+00	1.60E-01	0.00E+00	0.00E+00	1.05E-01	6.03E-08	4.77E-04	5.23E-03	0.00E+00	0.00E+00	2.82E-12	5.46E-11	3.91E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-05	5.64E-03	2.24E+00	0.00E+00	2.46E-10	8.27E-09	1.32E-03	4.02E-06	2.99E-03	0.00E+00	2.24E+00	6.32E-09	2.24E+00	2.24E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	6.10E-04
VE110G	9.85E-04	1.48E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	9.68E-02	5.54E-08	4.39E-04	4.81E-03	0.00E+00	0.00E+00	2.60E-12	5.03E-11	3.60E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-05	5.18E-03	2.06E+00	0.00E+00	2.27E-10	7.61E-09	1.21E-03	3.69E-06	2.75E-03	0.00E+00	2.06E+00	5.82E-09	2.06E+00	2.07E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	5.62E-04
VE110H	1.40E-03	2.21E-01	0.00E+00	2.21E-01	0.00E+00	0.00E+00	1.45E-01	8.29E-08	6.56E-04	7.20E-03	0.00E+00	0.00E+00	3.88E-12	7.51E-11	5.38E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	7.76E-03	3.08E+00	0.00E+00	3.39E-10	1.14E-08	1.82E-03	5.52E-06	4.11E-03	0.00E+00	3.08E+00	8.70E-09	3.08E+00	3.09E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	8.39E-04
VE110L	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	1.48E-05	5.86E-03	2.33E+00	0.00E+00	2.56E-10	8.59E-09	1.37E-03	4.17E-06	3.11E-03	0.00E+00	2.33E+00	6.57E-09	2.33E+00	2.33E+00	3.11E-03	0.00E+00	0.00E+00	0.00E+00	6.34E-04
VE110M	1.10E-03	1.71E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	1.12E-01	6.41E-08	5.08E-04	5.57E-03	0.00E+00	0.00E+00	3.00E-12	5.81E-11	4.16E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-05	6.00E-03	2.39E+00	0.00E+00	2.62E-10	8.81E-09	1.40E-03	4.27E-06	3.18E-03	0.00E+00	2.39E+00	6.73E-09	2.39E+00	2.39E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	6.49E-04
VE110N	1.14E-03	1.78E-01	0.00E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-01	6.67E-08	5.28E-04	5.79E-03	0.00E+00	0.00E+00	3.12E-12	6.05E-11	4.33E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	6.24E-03	2.48E+00	0.00E+00	2.73E-10	9.15E-09	1.46E-03	4.44E-06	3.31E-03	0.00E+00	2.48E+00	7.00E-09	2.48E+00	2.48E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	6.76E-04
VE110PN	1.12E-03	1.65E-01	0.00E+00	1.65E-01	0.00E+00	0.00E+00	1.08E-01	6.21E-08	4.92E-04	5.39E-03	0.00E+00	0.00E+00	2.91E-12	5.63E-11	4.03E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-05	5.81E-03	2.31E+00	0.00E+00	2.54E-10	8.53E-09	1.36E-03	4.14E-06	3.08E-03	0.00E+00	2.31E+00	6.52E-09	2.31E+00	2.31E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	6.29E-04
VE110PVH	1.02E-03	1.51E-01	0.00E+00	1.51E-01	0.00E+00	0.00E+00	9.88E-02	5.66E-08	4.48E-04	4.91E-03	0.00E+00	0.00E+00	2.65E-12	5.13E-11	3.67E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-05	5.29E-03	2.10E+00	0.00E+00	2.31E-10	7.77E-09	1.24E-03	3.77E-06	2.81E-03	0.00E+00	2.10E+00	5.94E-09	2.10E+00	2.11E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	5.73E-04
VE110S	1.09E-03	1.72E-01	0.00E+00	1.72E-01	0.00E+00	0.00E+00	1.13E-01	6.44E-08	5.10E-04	5.59E-03	0.00E+00	0.00E+00	3.02E-12	5.84E-11	4.18E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-05	6.03E-03	2.40E+00	0.00E+00	2.63E-10	8.85E-09	1.41E-03	4.29E-06	3.20E-03	0.00E+00	2.40E+00	6.76E-09	2.40E+00	2.40E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	6.52E-04
VE110SN	1.14E-03	1.69E-01	0.00E+00	1.69E-01	0.00E+00	0.00E+00	1.11E-01	6.35E-08	5.03E-04	5.51E-03	0.00E+00	0.00E+00	2.98E-12	5.76E-11	4.12E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-05	5.94E-03	2.36E+00	0.00E+00	2.60E-10	8.72E-09	1.39E-03	4.23E-06	3.15E-03	0.00E+00	2.36E+00	6.67E-09	2.36E+00	2.37E+00	3.15E-03	0.00E+00	0.00E+00	0.00E+00	6.43E-04
VE110U	1.17E-03	1.84E-01	0.00E+00	1.84E-01	0.00E+00	0.00E+00	1.21E-01	6.93E-08	5.48E-04	6.02E-03	0.00E+00	0.00E+00	3.25E-12	6.28E-11	4.50E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-05	6.48E-03	2.58E+00	0.00E+00	2.83E-10	9.51E-09	1.52E-03	4.62E-06	3.44E-03	0.00E+00	2.58E+00	7.27E-09	2.58E+00	2.58E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	7.01E-04
VE110YN	1.10E-03	1.71E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	1.12E-01	6.43E-08	5.08E-04	5.58E-03	0.00E+00	0.00E+00	3.01E-12	5.82E-11	4.17E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-05	6.01E-03	2.39E+00	0.00E+00	2.63E-10	8.82E-09	1.41E-03	4.28E-06	3.19E-03	0.00E+00	2.39E+00	6.74E-09	2.39E+00	2.39E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	6.50E-04
VE112DK	1.69E-03	2.62E-01	0.00E+00	2.62E-01	0.00E+00	0.00E+00	1.72E-01	9.84E-08	7.78E-04	8.53E-03	0.00E+00	0.00E+00	4.61E-12	8.92E-11	6.39E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	9.21E-03	3.66E+00	0.00E+00	4.02E-10	1.35E-08	2.15E-03	6.56E-06	4.89E-03	0.00E+00	3.66E+00	1.03E-08	3.66E+00	3.67E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	9.96E-04
VE112DN	2.37E-03	3.73E-01	0.00E+00	3.73E-01	0.00E+00	0.00E+00	2.45E-01	1.40E-07	1.11E-03	1.22E-02	0.00E+00	0.00E+00	6.57E-12	1.27E-10	9.10E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05	1.31E-02	5.21E+00	0.00E+00	5.73E-10	1.92E-08	3.07E-03	9.34E-06	6.95E-03	0.00E+00	5.21E+00	1.47E-08	5.21E+00	5.22E+00	6.95E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-03
VE112E	1.82E-03	2.86E-01	0.00E+00	2.86E-01	0.00E+00	0.00E+00	1.88E-01	1.07E-07	8.50E-04	9.33E-03	0.00E+00	0.00E+00	5.04E-12	9.74E-11	6.98E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	1.01E-02	4.00E+00	0.00E+00	4.39E-10	1.48E-08	2.35E-03	7.16E-06	5.33E-03	0.00E+00	4.00E+00	1.13E-08	4.00E+00	4.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03
VE112F	2.16E-03	3.19E-01	0.00E+00	3.19E-01	0.00E+00	0.00E+00	2.09E-01	1.20E-07	9.49E-04	1.04E-02	0.00E+00	0.00E+00	5.62E-12	1.09E-10	7.79E-04	0.00E+00	0.00E+00	0.00E+00	2.83E-05	1.12E-02	4.46E+00	0.00E+00	4.90E-10	1.65E-08	2.63E-03	7.99E-06	5.95E-03	0.00E+00	4.46E+00	1.26E-08	4.46E+00	4.47E+00	5.95E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03
VE112G	1.82E-03	2.86E-01	0.00E+00	2.86E-01	0.00E+00	0.00E+00	1.88E-01	1.07E-07	8.50E-04	9.33E-03	0.00E+00	0.00E+00	5.04E-12	9.74E-11	6.98E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	1.01E-02	4.00E+00	0.00E+00	4.39E-10	1.48E-08	2.35E-03	7.16E-06	5.33E-03	0.00E+00	4.00E+00	1.13E-08	4.00E+00	4.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03
VE112H	2.50E-03	3.94E-01	0.00E+00	3.94E-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	6.93E-12	1.34E-10	9.60E-04	0.00E+00	0.00E+00	0.00E+00	3.48E-05	1.38E-02	5.50E+00	0.00E+00	6.04E-10	2.03E-08	3.24E-03	9.85E-06	7.34E-03	0.00E+00	5.50E+00	1.55E-08	5.50E+00	5.51E+00	7.34E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-03
VE112L	2.02E-03	3.19E-01	0.00E+00	3.19E-01	0.00E+00	0.00E+00	2.09E-01	1.20E-07	9.47E-04	1.04E-02	0.00E+00	0.00E+00	5.61E-12	1.09E-10	7.77E-04	0.00E+00	0.00E+00	0.00E+00	2.82E-05	1.12E-02	4.45E+00	0.00E+00	4.89E-10	1.64E-08	2.62E-03	7.98E-06	5.94E-03	0.00E+00	4.45E+00	1.26E-08	4.45E+00	4.46E+00	5.94E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03
VE112M	2.16E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.68E-04	1.06E-02	0.00E+00	0.00E+00	5.72E-12	1.11E-10	7.93E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.14E-02	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.68E-03	8.14E-06	6.06E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.55E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VE112N	2.03E-03	3.19E-01	0.00E+00	3.19E-01	0.00E+00	0.00E+00	2.09E-01	1.20E-07	9.48E-04	1.04E-02	0.00E+00	0.00E+00	5.61E-12	1.09E-10	7.78E-04	0.00E+00	0.00E+00	0.00E+00	2.82E-05	1.12E-02	4.45E+00	0.00E+00	4.90E-10	1.64E-08	2.62E-03	7.98E-06	5.94E-03	0.00E+00	4.45E+00	1.26E-08	4.45E+00	4.46E+00	5.94E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03
VE112PN	2.19E-03	3.25E-01	0.00E+00	3.25E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.65E-04	1.06E-02	0.00E+00	0.00E+00	5.71E-12	1.10E-10	7.92E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-05	1.14E-02	4.53E+00	0.00E+00	4.98E-10	1.67E-08	2.67E-03	8.12E-06	6.05E-03	0.00E+00	4.53E+00	1.28E-08	4.53E+00	4.54E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-03
VE112PVH	1.96E-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	9.46E-03	0.00E+00	0.00E+00	5.11E-12	9.88E-11	7.08E-04	0.00E+00	0.00E+00	0.00E+00	2.57E-05	1.02E-02	4.05E+00	0.00E+00	4.45E-10	1.50E-08	2.39E-03	7.27E-06	5.41E-03	0.00E+00	4.05E+00	1.14E-08	4.05E+00	4.06E+00	5.41E-03	0.00E+00	0.00E+00	0.00E+00	1.10E-03
VE112S	2.15E-03	3.39E-01	0.00E+00	3.39E-01	0.00E+00	0.00E+00	2.22E-01	1.27E-07	1.01E-03	1.10E-02	0.00E+00	0.00E+00	5.96E-12	1.15E-10	8.26E-04	0.00E+00	0.00E+00	0.00E+00	3.00E-05	1.19E-02	4.73E+00	0.00E+00	5.20E-10	1.75E-08	2.79E-03	8.48E-06	6.32E-03	0.00E+00	4.73E+00	1.34E-08	4.73E+00	4.74E+00	6.32E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03
VE112SN	2.23E-03	3.30E-01	0.00E+00	3.30E-01	0.00E+00	0.00E+00	2.17E-01	1.24E-07	9.82E-04	1.08E-02	0.00E+00	0.00E+00	5.81E-12	1.12E-10	8.06E-04	0.00E+00	0.00E+00	0.00E+00	2.92E-05	1.16E-02	4.61E+00	0.00E+00	5.07E-10	1.70E-08	2.72E-03	8.27E-06	6.16E-03	0.00E+00	4.61E+00	1.30E-08	4.61E+00	4.62E+00	6.16E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-03
VE112U	2.10E-03	3.31E-01	0.00E+00	3.31E-01	0.00E+00	0.00E+00	2.17E-01	1.24E-07	9.85E-04	1.08E-02	0.00E+00	0.00E+00	5.83E-12	1.13E-10	8.08E-04	0.00E+00	0.00E+00	0.00E+00	2.93E-05	1.16E-02	4.63E+00	0.00E+00	5.08E-10	1.71E-08	2.72E-03	8.29E-06	6.17E-03	0.00E+00	4.63E+00	1.31E-08	4.63E+00	4.63E+00	6.17E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-03
VE118AK	3.03E-03	4.49E-01	0.00E+00	4.49E-01	0.00E+00	0.00E+00	2.94E-01	1.69E-07	1.33E-03	1.46E-02	0.00E+00	0.00E+00	7.90E-12	1.53E-10	1.09E-03	0.00E+00	0.00E+00	0.00E+00	3.97E-05	1.58E-02	6.27E+00	0.00E+00	6.89E-10	2.31E-08	3.69E-03	1.12E-05	8.37E-03	0.00E+00	6.27E+00	1.77E-08	6.27E+00	6.28E+00	8.37E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-03
VE118H	3.38E-03	5.32E-01	0.00E+00	5.32E-01	0.00E+00	0.00E+00	3.49E-01	2.00E-07	1.58E-03	1.74E-02	0.00E+00	0.00E+00	9.37E-12	1.81E-10	1.30E-03	0.00E+00	0.00E+00	0.00E+00	4.71E-05	1.87E-02	7.44E+00	0.00E+00	8.17E-10	2.75E-08	4.38E-03	1.33E-05	9.93E-03	0.00E+00	7.44E+00	2.10E-08	7.44E+00	7.45E+00	9.93E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-03
VE118L	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	3.83E-05	1.52E-02	6.04E+00	0.00E+00	6.63E-10	2.23E-08	3.55E-03	1.08E-05	8.06E-03	0.00E+00	6.04E+00	1.70E-08	6.04E+00	6.05E+00	8.06E-03	0.00E+00	0.00E+00	0.00E+00	1.64E-03
VE118PN	2.96E-03	4.37E-01	0.00E+00	4.37E-01	0.00E+00	0.00E+00	2.87E-01	1.64E-07	1.30E-03	1.43E-02	0.00E+00	0.00E+00	7.70E-12	1.49E-10	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.87E-05	1.54E-02	6.11E+00	0.00E+00	6.71E-10	2.26E-08	3.60E-03	1.10E-05	8.15E-03	0.00E+00	6.11E+00	1.72E-08	6.11E+00	6.12E+00	8.15E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-03
VE118S	2.89E-03	4.55E-01	0.00E+00	4.55E-01	0.00E+00	0.00E+00	2.99E-01	1.71E-07	1.35E-03	1.48E-02	0.00E+00	0.00E+00	8.01E-12	1.55E-10	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.03E-05	1.60E-02	6.36E+00	0.00E+00	6.99E-10	2.35E-08	3.74E-03	1.14E-05	8.49E-03	0.00E+00	6.36E+00	1.79E-08	6.36E+00	6.37E+00	8.49E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
VE118SN	3.09E-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	8.53E-03	0.00E+00	6.39E+00	1.80E-08	6.39E+00	6.40E+00	8.53E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VE118YN	2.76E-03	4.35E-01	0.00E+00	4.35E-01	0.00E+00	0.00E+00	2.85E-01	1.63E-07	1.29E-03	1.42E-02	0.00E+00	0.00E+00	7.65E-12	1.48E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.85E-05	1.53E-02	6.07E+00	0.00E+00	6.67E-10	2.24E-08	3.58E-03	1.09E-05	8.10E-03	0.00E+00	6.07E+00	1.71E-08	6.07E+00	6.08E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-03
VE212DN	3.05E-03	4.81E-01	0.00E+00	4.81E-01	0.00E+00	0.00E+00	3.16E-01	1.81E-07	1.43E-03	1.57E-02	0.00E+00	0.00E+00	8.47E-12	1.64E-10	1.17E-03	0.00E+00	0.00E+00	0.00E+00	4.26E-05	1.69E-02	6.73E+00	0.00E+00	7.39E-10	2.48E-08	3.96E-03	1.21E-05	8.98E-03	0.00E+00	6.73E+00	1.90E-08	6.73E+00	6.73E+00	8.98E-03	0.00E+00	0.00E+00	0.00E+00	1.83E-03
VE212E	2.59E-03	4.08E-01	0.00E+00	4.08E-01	0.00E+00	0.00E+00	2.67E-01	1.53E-07	1.21E-03	1.33E-02	0.00E+00	0.00E+00	7.18E-12	1.39E-10	9.95E-04	0.00E+00	0.00E+00	0.00E+00	3.61E-05	1.43E-02	5.70E+00	0.00E+00	6.26E-10	2.10E-08	3.35E-03	1.02E-05	7.60E-03	0.00E+00	5.70E+00	1.61E-08	5.70E+00	5.70E+00	7.60E-03	0.00E+00	0.00E+00	0.00E+00	1.55E-03
VE212H	3.66E-03	5.76E-01	0.00E+00	5.76E-01	0.00E+00	0.00E+00	3.78E-01	2.16E-07	1.71E-03	1.88E-02	0.00E+00	0.00E+00	1.01E-11	1.96E-10	1.41E-03	0.00E+00	0.00E+00	0.00E+00	5.10E-05	2.03E-02	8.05E+00	0.00E+00	8.85E-10	2.97E-08	4.74E-03	1.44E-05	1.07E-02	0.00E+00	8.05E+00	2.27E-08	8.05E+00	8.06E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	2.19E-03
VE212L	2.76E-03	4.35E-01	0.00E+00	4.35E-01	0.00E+00	0.00E+00	2.85E-01	1.63E-07	1.29E-03	1.42E-02	0.00E+00	0.00E+00	7.66E-12	1.48E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.85E-05	1.53E-02	6.08E+00	0.00E+00	6.68E-10	2.24E-08	3.58E-03	1.09E-05	8.11E-03	0.00E+00	6.08E+00	1.72E-08	6.08E+00	6.09E+00	8.11E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-03
VE212PN	3.00E-03	4.44E-01	0.00E+00	4.44E-01	0.00E+00	0.00E+00	2.91E-01	1.67E-07	1.32E-03	1.45E-02	0.00E+00	0.00E+00	7.82E-12	1.51E-10	1.08E-03	0.00E+00	0.00E+00	0.00E+00	3.93E-05	1.56E-02	6.21E+00	0.00E+00	6.82E-10	2.29E-08	3.65E-03	1.11E-05	8.28E-03	0.00E+00	6.21E+00	1.75E-08	6.21E+00	6.21E+00	8.28E-03	0.00E+00	0.00E+00	0.00E+00	1.69E-03
VE212S	2.92E-03	4.61E-01	0.00E+00	4.61E-01	0.00E+00	0.00E+00	3.02E-01	1.73E-07	1.37E-03	1.50E-02	0.00E+00	0.00E+00	8.11E-12	1.57E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.08E-05	1.62E-02	6.44E+00	0.00E+00	7.08E-10	2.38E-08	3.79E-03	1.15E-05	8.59E-03	0.00E+00	6.44E+00	1.82E-08	6.44E+00	6.45E+00	8.59E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-03
VE212SN	3.10E-03	4.59E-01	0.00E+00	4.59E-01	0.00E+00	0.00E+00	3.01E-01	1.72E-07	1.36E-03	1.50E-02	0.00E+00	0.00E+00	8.08E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.06E-05	1.61E-02	6.41E+00	0.00E+00	7.04E-10	2.37E-08	3.77E-03	1.15E-05	8.55E-03	0.00E+00	6.41E+00	1.81E-08	6.41E+00	6.42E+00	8.55E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-03
VE212U	3.13E-03	4.94E-01	0.00E+00	4.94E-01	0.00E+00	0.00E+00	3.24E-01	1.86E-07	1.47E-03	1.61E-02	0.00E+00	0.00E+00	8.69E-12	1.68E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.37E-05	1.74E-02	6.90E+00	0.00E+00	7.58E-10	2.55E-08	4.06E-03	1.24E-05	9.21E-03	0.00E+00	6.90E+00	1.95E-08	6.90E+00	6.91E+00	9.21E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-03
VE212YN	2.11E-03	3.31E-01	0.00E+00	3.31E-01	0.00E+00	0.00E+00	2.17E-01	1.24E-07	9.83E-04	1.08E-02	0.00E+00	0.00E+00	5.82E-12	1.13E-10	8.07E-04	0.00E+00	0.00E+00	0.00E+00	2.93E-05	1.16E-02	4.62E+00	0.00E+00	5.08E-10	1.71E-08	2.72E-03	8.28E-06	6.17E-03	0.00E+00	4.62E+00	1.30E-08	4.62E+00	4.63E+00	6.17E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-03
VE218F	3.86E-03	6.08E-01	0.00E+00	6.08E-01	0.00E+00	0.00E+00	3.99E-01	2.28E-07	1.81E-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	5.38E-05	2.14E-02	8.49E+00	0.00E+00	9.33E-10	3.14E-08	5.00E-03	1.52E-05	1.13E-02	0.00E+00	8.49E+00	2.40E-08	8.49E+00	8.50E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-03
VE218H	5.06E-03	7.98E-01	0.00E+00	7.98E-01	0.00E+00	0.00E+00	5.23E-01	3.00E-07	2.37E-03	2.60E-02	0.00E+00	0.00E+00	1.40E-11	2.72E-10	1.95E-03	0.00E+00	0.00E+00	0.00E+00	7.06E-05	2.80E-02	1.11E+01	0.00E+00	1.22E-09	4.11E-08	6.56E-03	2.00E-05	1.49E-02	0.00E+00	1.11E+01	3.15E-08	1.11E+01	1.12E+01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	3.03E-03
VE218L	3.85E-03	6.06E-01	0.00E+00	6.06E-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	2.06E-10	1.48E-03	0.00E+00	0.00E+00	0.00E+00	5.37E-05	2.13E-02	8.47E+00	0.00E+00	9.31E-10	3.13E-08	4.99E-03	1.52E-05	1.13E-02	0.00E+00	8.47E+00	2.39E-08	8.47E+00	8.48E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-03
VE218PN	4.21E-03	6.23E-01	0.00E+00	6.23E-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	1.10E-11	2.12E-10	1.52E-03	0.00E+00	0.00E+00	0.00E+00	5.51E-05	2.19E-02	8.70E+00	0.00E+00	9.56E-10	3.21E-08	5.12E-03	1.56E-05	1.16E-02	0.00E+00	8.70E+00	2.45E-08	8.70E+00	8.71E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
VE218S	3.96E-03	6.24E-01	0.00E+00	6.24E-01	0.00E+00	0.00E+00	4.10E-01	2.35E-07	1.86E-03	2.04E-02	0.00E+00	0.00E+00	1.10E-11	2.13E-10	1.52E-03	0.00E+00	0.00E+00	0.00E+00	5.53E-05	2.19E-02	8.72E+00	0.00E+00	9.59E-10	3.22E-08	5.14E-03	1.56E-05	1.16E-02	0.00E+00	8.72E+00	2.46E-08	8.72E+00	8.73E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
VE218SN	3.96E-03	6.24E-01	0.00E+00	6.24E-01	0.00E+00	0.00E+00	4.09E-01	2.34E-07	1.86E-03	2.04E-02	0.00E+00	0.00E+00	1.10E-11	2.13E-10	1.52E-03	0.00E+00	0.00E+00	0.00E+00	5.53E-05	2.19E-02	8.72E+00	0.00E+00	9.58E-10	3.22E-08	5.13E-03	1.56E-05	1.16E-02	0.00E+00	8.72E+00	2.46E-08	8.72E+00	8.73E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
VE312DN	3.88E-03	6.13E-01	0.00E+00	6.13E-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
VE312H	4.68E-03	7.39E-01	0.00E+00	7.39E-01	0.00E+00	0.00E+00	4.84E-01	2.77E-07	2.20E-03	2.41E-02	0.00E+00	0.00E+00	1.30E-11	2.51E-10	1.80E-03	0.00E+00	0.00E+00	0.00E+00	6.54E-05	2.60E-02	1.03E+01	0.00E+00	1.13E-09	3.81E-08	6.07E-03	1.85E-05	1.38E-02	0.00E+00	1.03E+01	2.91E-08	1.03E+01	1.03E+01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	2.81E-03
VE312L	3.63E-03	5.72E-01	0.00E+00	5.72E-01	0.00E+00	0.00E+00	3.75E-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	7.99E+00	0.00E+00	8.78E-10	2.95E-08	4.71E-03	1.43E-05	1.07E-02	0.00E+00	7.99E+00	2.26E-08	7.99E+00	8.00E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
VE312PN	3.82E-03	5.66E-01	0.00E+00	5.66E-01	0.00E+00	0.00E+00	3.71E-01	2.12E-07	1.68E-03	1.84E-02	0.00E+00	0.00E+00	9.95E-12	1.93E-10	1.38E-03	0.00E+00	0.00E+00	0.00E+00	5.01E-05	1.99E-02	7.90E+00	0.00E+00	8.68E-10	2.92E-08	4.65E-03	1.42E-05	1.05E-02	0.00E+00	7.90E+00	2.23E-08	7.90E+00	7.91E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-03
VE312S	3.70E-03	5.83E-01	0.00E+00	5.83E-01	0.00E+00	0.00E+00	3.82E-01	2.19E-07	1.73E-03	1.90E-02	0.00E+00	0.00E+00	1.03E-11	1.98E-10	1.42E-03	0.00E+00	0.00E+00	0.00E+00	5.16E-05	2.05E-02	8.14E+00	0.00E+00	8.95E-10	3.01E-08	4.80E-03	1.46E-05	1.09E-02	0.00E+00	8.14E+00	2.30E-08	8.14E+00	8.16E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	2.22E-03
VE312SN	3.87E-03	5.72E-01	0.00E+00	5.72E-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
VE318L	5.01E-03	7.90E-01	0.00E+00	7.90E-01	0.00E+00	0.00E+00	5.18E-01	2.97E-07	2.35E-03	2.58E-02	0.00E+00	0.00E+00	1.39E-11	2.69E-10	1.93E-03	0.00E+00	0.00E+00	0.00E+00	7.00E-05	2.78E-02	1.10E+01	0.00E+00	1.21E-09	4.07E-08	6.50E-03	1.98E-05	1.47E-02	0.00E+00	1.10E+01	3.11E-08	1.10E+01	1.11E+01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	3.00E-03
VE318PN	5.50E-03	8.13E-01	0.00E+00	8.13E-01	0.00E+00	0.00E+00	5.34E-01	3.06E-07	2.42E-03	2.65E-02	0.00E+00	0.00E+00	1.43E-11	2.77E-10	1.98E-03	0.00E+00	0.00E+00	0.00E+00	7.20E-05	2.86E-02	1.14E+01	0.00E+00	1.25E-09	4.20E-08	6.69E-03	2.04E-05	1.52E-02	0.00E+00	1.14E+01	3.21E-08	1.14E+01	1.14E+01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	3.09E-03
VE318S	5.11E-03	8.05E-01	0.00E+00	8.05E-01	0.00E+00	0.00E+00	5.28E-01	3.02E-07	2.39E-03	2.63E-02	0.00E+00	0.00E+00	1.42E-11	2.74E-10	1.96E-03	0.00E+00	0.00E+00	0.00E+00	7.13E-05	2.83E-02	1.12E+01	0.00E+00	1.24E-09	4.15E-08	6.62E-03	2.02E-05	1.50E-02	0.00E+00	1.12E+01	3.17E-08	1.12E+01	1.13E+01	1.50E-02	0.00E+00	0.00E+00	0.00E+00	3.06E-03
VE318SN	5.54E-03	8.20E-01	0.00E+00	8.20E-01	0.00E+00	0.00E+00	5.38E-01	3.08E-07	2.44E-03	2.67E-02	0.00E+00	0.00E+00	1.44E-11	2.79E-10	2.00E-03	0.00E+00	0.00E+00	0.00E+00	7.26E-05	2.88E-02	1.15E+01	0.00E+00	1.26E-09	4.23E-08	6.74E-03	2.05E-05	1.53E-02	0.00E+00	1.15E+01	3.23E-08	1.15E+01	1.15E+01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	3.12E-03
VE412H	5.62E-03	8.87E-01	0.00E+00	8.87E-01	0.00E+00	0.00E+00	5.82E-01	3.33E-07	2.64E-03	2.89E-02	0.00E+00	0.00E+00	1.56E-11	3.02E-10	2.16E-03	0.00E+00	0.00E+00	0.00E+00	7.85E-05	3.12E-02	1.24E+01	0.00E+00	1.36E-09	4.57E-08	7.29E-03	2.22E-05	1.65E-02	0.00E+00	1.24E+01	3.50E-08	1.24E+01	1.24E+01	1.65E-02	0.00E+00	0.00E+00	0.00E+00	3.37E-03
VE412L	4.43E-03	6.99E-01	0.00E+00	6.99E-01	0.00E+00	0.00E+00	4.58E-01	2.63E-07	2.08E-03	2.28E-02	0.00E+00	0.00E+00	1.23E-11	2.38E-10	1.70E-03	0.00E+00	0.00E+00	0.00E+00	6.19E-05	2.46E-02	9.76E+00	0.00E+00	1.07E-09	3.60E-08	5.75E-03	1.75E-05	1.30E-02	0.00E+00	9.76E+00	2.76E-08	9.76E+00	9.78E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	2.66E-03
VE412PN	4.68E-03	6.92E-01	0.00E+00	6.92E-01	0.00E+00	0.00E+00	4.54E-01	2.60E-07	2.06E-03	2.26E-02	0.00E+00	0.00E+00	1.22E-11	2.36E-10	1.69E-03	0.00E+00	0.00E+00	0.00E+00	6.13E-05	2.43E-02	9.67E+00	0.00E+00	1.06E-09	3.57E-08	5.70E-03	1.73E-05	1.29E-02	0.00E+00	9.67E+00	2.73E-08	9.67E+00	9.69E+00	1.29E-02	0.00E+00	0.00E+00	0.00E+00	2.63E-03
VE412S	4.46E-03	7.04E-01	0.00E+00	7.04E-01	0.00E+00	0.00E+00	4.62E-01	2.64E-07	2.09E-03	2.30E-02	0.00E+00	0.00E+00	1.24E-11	2.40E-10	1.72E-03	0.00E+00	0.00E+00	0.00E+00	6.23E-05	2.47E-02	9.83E+00	0.00E+00	1.08E-09	3.63E-08	5.79E-03	1.76E-05	1.31E-02	0.00E+00	9.83E+00	2.78E-08	9.83E+00	9.85E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	2.68E-03
VE412SN	4.75E-03	7.03E-01	0.00E+00	7.03E-01	0.00E+00	0.00E+00	4.61E-01	2.64E-07	2.09E-03	2.29E-02	0.00E+00	0.00E+00	1.24E-11	2.39E-10	1.71E-03	0.00E+00	0.00E+00	0.00E+00	6.23E-05	2.47E-02	9.82E+00	0.00E+00	1.08E-09	3.63E-08	5.78E-03	1.76E-05	1.31E-02	0.00E+00	9.82E+00	2.77E-08	9.82E+00	9.84E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
VF104PEH	7.44E-04	1.15E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.52E-02	4.30E-08	3.41E-04	3.74E-03	0.00E+00	0.00E+00	2.02E-12	3.90E-11	2.79E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-05	4.03E-03	1.60E+00	0.00E+00	1.76E-10	5.91E-09	9.42E-04	2.87E-06	2.14E-03	0.00E+00	1.60E+00	4.52E-09	1.60E+00	1.60E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	4.36E-04
VF104PJ	7.45E-04	1.15E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.53E-02	4.31E-08	3.41E-04	3.74E-03	0.00E+00	0.00E+00	2.02E-12	3.91E-11	2.80E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-05	4.03E-03	1.60E+00	0.00E+00	1.76E-10	5.92E-09	9.44E-04	2.87E-06	2.14E-03	0.00E+00	1.60E+00	4.52E-09	1.60E+00	1.61E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	4.36E-04
VF104PP	7.56E-04	1.19E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	7.82E-02	4.48E-08	3.54E-04	3.89E-03	0.00E+00	0.00E+00	2.10E-12	4.06E-11	2.91E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-05	4.19E-03	1.67E+00	0.00E+00	1.83E-10	6.15E-09	9.81E-04	2.98E-06	2.22E-03	0.00E+00	1.67E+00	4.70E-09	1.67E+00	1.67E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	4.53E-04
VF104PY	7.01E-04	1.10E-01	0.00E+00	1.10E-01	0.00E+00	0.00E+00	7.18E-02	4.11E-08	3.26E-04	3.57E-03	0.00E+00	0.00E+00	1.93E-12	3.73E-11	2.67E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-06	3.85E-03	1.53E+00	0.00E+00	1.68E-10	5.65E-09	9.01E-04	2.74E-06	2.04E-03	0.00E+00	1.53E+00	4.32E-09	1.53E+00	1.53E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	4.16E-04
VF104TD	7.97E-04	1.19E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	7.80E-02	4.46E-08	3.53E-04	3.88E-03	0.00E+00	0.00E+00	2.09E-12	4.05E-11	2.90E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-05	4.18E-03	1.66E+00	0.00E+00	1.82E-10	6.13E-09	9.78E-04	2.98E-06	2.22E-03	0.00E+00	1.66E+00	4.69E-09	1.66E+00	1.66E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	4.52E-04
VF104TJ	7.40E-04	1.14E-01	0.00E+00	1.14E-01	0.00E+00	0.00E+00	7.49E-02	4.29E-08	3.40E-04	3.72E-03	0.00E+00	0.00E+00	2.01E-12	3.89E-11	2.79E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-05	4.01E-03	1.60E+00	0.00E+00	1.75E-10	5.89E-09	9.40E-04	2.86E-06	2.13E-03	0.00E+00	1.60E+00	4.50E-09	1.60E+00	1.60E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	4.34E-04
VF104TM	7.81E-04	1.17E-01	0.00E+00	1.17E-01	0.00E+00	0.00E+00	7.69E-02	4.40E-08	3.48E-04	3.82E-03	0.00E+00	0.00E+00	2.06E-12	3.99E-11	2.86E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-05	4.12E-03	1.64E+00	0.00E+00	1.80E-10	6.04E-09	9.64E-04	2.93E-06	2.18E-03	0.00E+00	1.64E+00	4.62E-09	1.64E+00	1.64E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	4.46E-04

VF104TR	8.21E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.45E-02	4.84E-08	3.83E-04	4.20E-03	0.00E+00	0.00E+00	2.27E-12	4.39E-11	3.14E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.53E-03	1.80E+00	0.00E+00	1.98E-10	6.65E-09	1.06E-03	3.23E-06	2.40E-03	0.00E+00	1.80E+00	5.08E-09	1.80E+00	1.80E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-04
VF104TS	8.15E-04	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	8.30E-02	4.75E-08	3.76E-04	4.13E-03	0.00E+00	0.00E+00	2.23E-12	4.31E-11	3.09E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-05	4.45E-03	1.77E+00	0.00E+00	1.94E-10	6.53E-09	1.04E-03	3.17E-06	2.36E-03	0.00E+00	1.77E+00	4.99E-09	1.77E+00	1.77E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	4.81E-04
VF108PA	9.93E-04	1.49E-01	0.00E+00	1.49E-01	0.00E+00	0.00E+00	9.75E-02	5.59E-08	4.42E-04	4.85E-03	0.00E+00	0.00E+00	2.62E-12	5.06E-11	3.62E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-05	5.23E-03	2.08E+00	0.00E+00	2.28E-10	7.67E-09	1.22E-03	3.72E-06	2.77E-03	0.00E+00	2.08E+00	5.86E-09	2.08E+00	2.08E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	5.66E-04
VF108PD	9.77E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.65E-02	5.53E-08	4.37E-04	4.80E-03	0.00E+00	0.00E+00	2.59E-12	5.01E-11	3.59E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.17E-03	2.05E+00	0.00E+00	2.26E-10	7.59E-09	1.21E-03	3.68E-06	2.74E-03	0.00E+00	2.05E+00	5.80E-09	2.05E+00	2.06E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	5.59E-04
VF108PE	9.05E-04	1.43E-01	0.00E+00	1.43E-01	0.00E+00	0.00E+00	9.36E-02	5.36E-08	4.24E-04	4.66E-03	0.00E+00	0.00E+00	2.51E-12	4.86E-11	3.48E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-05	5.02E-03	1.99E+00	0.00E+00	2.19E-10	7.36E-09	1.17E-03	3.57E-06	2.66E-03	0.00E+00	1.99E+00	5.63E-09	1.99E+00	2.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	5.43E-04
VF108PEB	8.53E-04	1.34E-01	0.00E+00	1.34E-01	0.00E+00	0.00E+00	8.82E-02	5.05E-08	4.00E-04	4.38E-03	0.00E+00	0.00E+00	2.37E-12	4.58E-11	3.28E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-05	4.73E-03	1.88E+00	0.00E+00	2.06E-10	6.93E-09	1.11E-03	3.37E-06	2.51E-03	0.00E+00	1.88E+00	5.30E-09	1.88E+00	1.88E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	5.11E-04
VF108PEH	9.82E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.65E-02	5.53E-08	4.38E-04	4.80E-03	0.00E+00	0.00E+00	2.59E-12	5.01E-11	3.59E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.17E-03	2.06E+00	0.00E+00	2.26E-10	7.59E-09	1.21E-03	3.68E-06	2.75E-03	0.00E+00	2.06E+00	5.80E-09	2.06E+00	2.06E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	5.60E-04
VF108PF	7.01E-04	1.10E-01	0.00E+00	1.10E-01	0.00E+00	0.00E+00	7.18E-02	4.11E-08	3.26E-04	3.57E-03	0.00E+00	0.00E+00	1.93E-12	3.73E-11	2.67E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-06	3.85E-03	1.53E+00	0.00E+00	1.68E-10	5.65E-09	9.01E-04	2.74E-06	2.04E-03	0.00E+00	1.53E+00	4.32E-09	1.53E+00	1.53E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	4.16E-04
VF108PJ	1.00E-03	1.50E-01	0.00E+00	1.50E-01	0.00E+00	0.00E+00	9.80E-02	5.61E-08	4.44E-04	4.88E-03	0.00E+00	0.00E+00	2.63E-12	5.09E-11	3.65E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-05	5.25E-03	2.09E+00	0.00E+00	2.30E-10	7.71E-09	1.23E-03	3.74E-06	2.79E-03	0.00E+00	2.09E+00	5.90E-09	2.09E+00	2.09E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	5.69E-04
VF108PM	8.95E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.20E-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
VF108PP	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
VF108PR	1.06E-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
VF108PT	1.10E-03	1.74E-01	0.00E+00	1.74E-01	0.00E+00	0.00E+00	1.14E-01	6.54E-08	5.17E-04	5.68E-03	0.00E+00	0.00E+00	3.06E-12	5.93E-11	4.25E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	6.12E-03	2.43E+00	0.00E+00	2.67E-10	8.98E-09	1.43E-03	4.36E-06	3.24E-03	0.00E+00	2.43E+00	6.86E-09	2.43E+00	2.43E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	6.62E-04
VF108PY	1.01E-03	1.50E-01	0.00E+00	1.50E-01	0.00E+00	0.00E+00	9.84E-02	5.64E-08	4.46E-04	4.90E-03	0.00E+00	0.00E+00	2.64E-12	5.11E-11	3.66E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-05	5.27E-03	2.10E+00	0.00E+00	2.30E-10	7.74E-09	1.23E-03	3.76E-06	2.80E-03	0.00E+00	2.10E+00	5.92E-09	2.10E+00	2.10E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	5.71E-04
VF108TA	9.87E-04	1.48E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	9.70E-02	5.55E-08	4.40E-04	4.82E-03	0.00E+00	0.00E+00	2.60E-12	5.04E-11	3.61E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-05	5.19E-03	2.07E+00	0.00E+00	2.27E-10	7.63E-09	1.22E-03	3.70E-06	2.76E-03	0.00E+00	2.07E+00	5.83E-09	2.07E+00	2.07E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-04
VF108TD	9.89E-04	1.48E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	9.71E-02	5.56E-08	4.40E-04	4.83E-03	0.00E+00	0.00E+00	2.60E-12	5.04E-11	3.61E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-05	5.20E-03	2.07E+00	0.00E+00	2.27E-10	7.63E-09	1.22E-03	3.71E-06	2.76E-03	0.00E+00	2.07E+00	5.84E-09	2.07E+00	2.07E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-04
VF108TE	9.82E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.65E-02	5.53E-08	4.38E-04	4.80E-03	0.00E+00	0.00E+00	2.59E-12	5.01E-11	3.59E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.17E-03	2.06E+00	0.00E+00	2.26E-10	7.59E-09	1.21E-03	3.68E-06	2.75E-03	0.00E+00	2.06E+00	5.80E-09	2.06E+00	2.06E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	5.60E-04
VF108TF	9.82E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.65E-02	5.53E-08	4.38E-04	4.80E-03	0.00E+00	0.00E+00	2.59E-12	5.01E-11	3.59E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.17E-03	2.06E+00	0.00E+00	2.26E-10	7.59E-09	1.21E-03	3.68E-06	2.75E-03	0.00E+00	2.06E+00	5.80E-09	2.06E+00	2.06E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	5.60E-04
VF108TJ	9.79E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.66E-02	5.53E-08	4.38E-04	4.80E-03	0.00E+00	0.00E+00	2.59E-12	5.01E-11	3.59E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.17E-03	2.06E+00	0.00E+00	2.26E-10	7.60E-09	1.21E-03	3.69E-06	2.75E-03	0.00E+00	2.06E+00	5.81E-09	2.06E+00	2.06E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-04
VF108TM	8.95E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.20E-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
VF108TP	9.87E-04	1.48E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	9.70E-02	5.55E-08	4.40E-04	4.82E-03	0.00E+00	0.00E+00	2.60E-12	5.04E-11	3.61E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-05	5.19E-03	2.07E+00	0.00E+00	2.27E-10	7.63E-09	1.22E-03	3.70E-06	2.76E-03	0.00E+00	2.07E+00	5.83E-09	2.07E+00	2.07E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-04
VF108TR	1.08E-03	1.67E-01	0.00E+00	1.67E-01	0.00E+00	0.00E+00	1.10E-01	6.29E-08	4.97E-04	5.46E-03	0.00E+00	0.00E+00	2.94E-12	5.70E-11	4.08E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-05	5.88E-03	2.34E+00	0.00E+00	2.57E-10	8.63E-09	1.38E-03	4.19E-06	3.12E-03	0.00E+00	2.34E+00	6.60E-09	2.34E+00	2.34E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00	6.36E-04
VF108TS	9.69E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.61E-02	5.51E-08	4.35E-04	4.78E-03	0.00E+00	0.00E+00	2.58E-12	4.99E-11	3.57E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.15E-03	2.05E+00	0.00E+00	2.25E-10	7.56E-09	1.20E-03	3.67E-06	2.73E-03	0.00E+00	2.05E+00	5.77E-09	2.05E+00	2.05E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	5.57E-04
VF112PA	1.50E-03	2.36E-01	0.00E+00	2.36E-01	0.00E+00	0.00E+00	1.55E-01	8.85E-08	7.00E-04	7.68E-03	0.00E+00	0.00E+00	4.15E-12	8.02E-11	5.75E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	8.28E-03	3.29E+00	0.00E+00	3.62E-10	1.22E-08	1.94E-03	5.90E-06	4.39E-03	0.00E+00	3.29E+00	9.29E-09	3.29E+00	3.30E+00	4.39E-03	0.00E+00	0.00E+00	0.00E+00	8.96E-04
VF112PD	1.50E-03	2.36E-01	0.00E+00	2.36E-01	0.00E+00	0.00E+00	1.55E-01	8.85E-08	7.00E-04	7.68E-03	0.00E+00	0.00E+00	4.15E-12	8.02E-11	5.75E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	8.28E-03	3.29E+00	0.00E+00	3.62E-10	1.22E-08	1.94E-03	5.90E-06	4.39E-03	0.00E+00	3.29E+00	9.29E-09	3.29E+00	3.30E+00	4.39E-03	0.00E+00	0.00E+00	0.00E+00	8.96E-04
VF112PE	1.46E-03	2.31E-01	0.00E+00	2.31E-01	0.00E+00	0.00E+00	1.51E-01	8.66E-08	6.85E-04	7.52E-03	0.00E+00	0.00E+00	4.06E-12	7.85E-11	5.62E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-05	8.10E-03	3.22E+00	0.00E+00	3.54E-10	1.19E-08	1.90E-03	5.77E-06	4.30E-03	0.00E+00	3.22E+00	9.09E-09	3.22E+00	3.23E+00	4.30E-03	0.00E+00	0.00E+00	0.00E+00	8.77E-04
VF112PEB	1.32E-03	2.09E-01	0.00E+00	2.09E-01	0.00E+00	0.00E+00	1.37E-01	7.84E-08	6.20E-04	6.81E-03	0.00E+00	0.00E+00	3.67E-12	7.11E-11	5.09E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-05	7.34E-03	2.92E+00	0.00E+00	3.20E-10	1.08E-08	1.72E-03	5.23E-06	3.89E-03	0.00E+00	2.92E+00	8.23E-09	2.92E+00	2.92E+00	3.89E-03	0.00E+00	0.00E+00	0.00E+00	7.94E-04
VF112PEH	1.52E-03	2.28E-01	0.00E+00	2.28E-01	0.00E+00	0.00E+00	1.50E-01	8.58E-08	6.79E-04	7.45E-03	0.00E+00	0.00E+00	4.02E-12	7.78E-11	5.57E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	8.03E-03	3.19E+00	0.00E+00	3.51E-10	1.18E-08	1.88E-03	5.72E-06	4.26E-03	0.00E+00	3.19E+00	9.00E-09	3.19E+00	3.19E+00	4.26E-03	0.00E+00	0.00E+00	0.00E+00	8.69E-04
VF112PF	1.52E-03	2.28E-01	0.00E+00	2.28E-01	0.00E+00	0.00E+00	1.50E-01	8.58E-08	6.79E-04	7.45E-03	0.00E+00	0.00E+00	4.02E-12	7.78E-11	5.57E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	8.03E-03	3.19E+00	0.00E+00	3.51E-10	1.18E-08	1.88E-03	5.72E-06	4.26E-03	0.00E+00	3.19E+00	9.00E-09	3.19E+00	3.19E+00	4.26E-03	0.00E+00	0.00E+00	0.00E+00	8.69E-04
VF112PJ	1.48E-03	2.29E-01	0.00E+00	2.29E-01	0.00E+00	0.00E+00	1.50E-01	8.58E-08	6.79E-04	7.45E-03	0.00E+00	0.00E+00	4.02E-12	7.78E-11	5.57E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	8.03E-03	3.19E+00	0.00E+00	3.51E-10	1.18E-08	1.88E-03	5.72E-06	4.26E-03	0.00E+00	3.19E+00	9.01E-09	3.19E+00	3.20E+00	4.26E-03	0.00E+00	0.00E+00	0.00E+00	8.69E-04
VF112PM	1.38E-03	2.16E-01	0.00E+00	2.16E-01	0.00E+00	0.00E+00	1.41E-01	8.10E-08	6.43E-04	7.05E-03	0.00E+00	0.00E+00	3.80E-12	7.35E-11	5.25E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-05	7.59E-03	3.02E+00	0.00E+00	3.32E-10	1.11E-08	1.78E-03	5.39E-06	4.03E-03	0.00E+00	3.02E+00	8.51E-09	3.02E+00	3.02E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00	8.22E-04
VF112PP	1.53E-03	2.41E-01	0.00E+00	2.41E-01	0.00E+00	0.00E+00	1.58E-01	9.06E-08	7.17E-04	7.86E-03	0.00E+00	0.00E+00	4.24E-12	8.21E-11	5.88E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-05	8.48E-03	3.37E+00	0.00E+00	3.70E-10	1.24E-08	1.98E-03	6.04E-06	4.50E-03	0.00E+00	3.37E+00	9.51E-09	3.37E+00	3.37E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	9.17E-04
VF112PR	1.53E-03	2.41E-01	0.00E+00	2.41E-01	0.00E+00	0.00E+00	1.58E-01	9.05E-08	7.16E-04	7.85E-03	0.00E+00	0.00E+00	4.24E-12	8.20E-11	5.88E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05	8.47E-03	3.36E+00	0.00E+00	3.70E-10	1.24E-08	1.98E-03	6.03E-06	4.49E-03	0.00E+00	3.36E+00	9.49E-09	3.36E+00	3.37E+00	4.49E-03	0.00E+00	0.00E+00	0.00E+00	9.16E-04
VF112PS	1.56E-03	2.46E-01	0.00E+00	2.46E-01	0.00E+00	0.00E+00	1.62E-01	9.25E-08	7.32E-04	8.03E-03	0.00E+00	0.00E+00	4.34E-12	8.39E-11	6.01E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	8.66E-03	3.44E+00	0.00E+00	3.78E-10	1.27E-08	2.03E-03	6.17E-06	4.59E-03	0.00E+00	3.44E+00	9.71E-09	3.44E+00	3.45E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	9.37E-04
VF112PT	1.83E-03	2.88E-01	0.00E+00	2.88E-01	0.00E+00	0.00E+00	1.89E-01	1.08E-07	8.58E-04	9.41E-03	0.00E+00	0.00E+00	5.08E-12	9.82E-11	7.04E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-05	1.01E-02	4.03E+00	0.00E+00	4.43E-10	1.49E-08	2.37E-03	7.22E-06	5.38E-03	0.00E+00	4.03E+00	1.14E-08	4.03E+00	4.04E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	1.10E-03
VF112PY	1.50E-03	2.37E-01	0.00E+00	2.37E-01	0.00E+00	0.00E+00	1.55E-01	8.90E-08	7.04E-04	7.72E-03	0.00E+00	0.00E+00	4.17E-12	8.07E-11	5.78E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05	8.33E-03	3.31E+00	0.00E+00	3.64E-10	1.22E-08	1.95E-03	5.93E-06	4.42E-03	0.00E+00	3.31E+00	9.34E-09	3.31E+00	3.31E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	9.01E-04
VF112PZG	1.21E-03	1.90E-01	0.00E+00	1.90E-01	0.00E+00	0.00E+00	1.25E-01	7.15E-08	5.65E-04	6.20E-03	0.00E+00	0.00E+00	3.34E-12	6.47E-11	4.64E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	6.68E-03	2.66E+00	0.00E+00	2.92E-10	9.81E-09	1.56E-03	4.76E-06	3.54E-03	0.00E+00	2.66E+00	7.49E-09	2.66E+00	2.66E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	7.23E-04
VF112TA	1.52E-03	2.28E-01	0.00E+00	2.28E-01	0.00E+00	0.00E+00	1.50E-01	8.58E-08	6.79E-04	7.45E-03	0.00E+00	0.00E+00	4.02E-12	7.78E-11	5.57E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	8.03E-03	3.19E+00	0.00E+00	3.51E-10	1.18E-08	1.88E-03	5.72E-06	4.26E-03	0.00E+00	3.19E+00	9.00E-09	3.19E+00	3.19E+00	4.26E-03	0.00E+00	0.00E+00	0.00E+00	8.69E-04
VF112TD	1.53E-03	2.31E-01	0.00E+00	2.31E-01	0.00E+00	0.00E+00	1.51E-01	8.67E-08	6.86E-04	7.53E-03	0.00E+00	0.00E+00	4.06E-12	7.86E-11	5.63E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-05	8.11E-03	3.22E+00	0.00E+00	3.54E-10	1.19E-08	1.90E-03	5.78E-06	4.30E-03	0.00E+00	3.22E+00	9.10E-09	3.22E+00	3.23E+00	4.30E-03	0.00E+00	0.00E+00	0.00E+00	8.78E-04
VF112TE	1.52E-03	2.28E-01	0.00E+00	2.28E-01	0.00E+00	0.00E+00	1.50E-01	8.58E-08	6.79E-04	7.45E-03	0.00E+00	0.00E+00	4.02E-12	7.78E-11	5.57E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	8.03E-03	3.19E+00	0.00E+00	3.51E-10	1.18E-08	1.88E-03	5.72E-06	4.26E-03	0.00E+00	3.19E+00	9.00E-09	3.19E+00	3.19E+00	4.26E-03	0.00E+00	0.00E+00	0.00E+00	8.69E-04
VF112TF	1.41E-03	2.20E-01	0.00E+00	2.20E-01	0.00E+00	0.00E+00	1.44E-01	8.27E-08	6.55E-04	7.18E-03	0.00E+00	0.00E+00	3.88E-12	7.50E-11	5.37E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	7.74E-03	3.08E+00	0.00E+00	3.38E-10	1.14E-08	1.81E-03	5.51E-06	4.11E-03	0.00E+00	3.08E+00	8.68E-09	3.08E+00	3.08E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	8.37E-04
VF112TJ	1.53E-03	2.31E-01	0.00E+00	2.31E-01	0.00E+00	0.00E+00	1.51E-01	8.67E-08	6.86E-04	7.53E-03	0.00E+00	0.00E+00	4.06E-12	7.86E-11	5.63E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-05	8.11E-03	3.22E+00	0.00E+00	3.54E-10	1.19E-08	1.90E-03	5.78E-06	4.30E-03	0.00E+00	3.22E+00	9.10E-09	3.22E+00	3.23E+00	4.30E-03	0.00E+00	0.00E+00	0.00E+00	8.78E-04
VF112TM	1.21E-03	1.90E-01	0.00E+00	1.90E-01	0.00E+00	0.00E+00	1.25E-01	7.15E-08	5.65E-04	6.20E-03	0.00E+00	0.00E+00	3.34E-12	6.47E-11	4.64E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	6.68E-03	2.66E+00	0.00E+00	2.92E-10	9.81E-09	1.56E-03	4.76E-06	3.54E-03	0.00E+00	2.66E+00	7.49E-09	2.66E+00	2.66E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	7.23E-04
VF112TP	1.59E-03	2.51E-01	0.00E+00	2.51E-01	0.00E+00	0.00E+00	1.64E-01	9.41E-08	7.45E-04	8.17E-03	0.00E+00	0.00E+00	4.41E-12	8.53E-11	6.11E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	8.81E-03	3.50E+00	0.00E+00	3.85E-10	1.29E-08	2.06E-03	6.27E-06	4.67E-03	0.00E+00	3.50E+00	9.88E-09	3.50E+00	3.51E+00	4.67E-03	0.00E+00	0.00E+00	0.00E+00	9.53E-04
VF112TR	1.55E-03	2.46E-01	0.00E+00	2.46E-01	0.00E+00	0.00E+00	1.61E-01	9.24E-08	7.31E-04	8.02E-03	0.00E+00	0.00E+00	4.33E-12	8.38E-11	6.01E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	8.65E-03	3.44E+00	0.00E+00	3.78E-10	1.27E-08	2.02E-03	6.16E-06	4.59E-03	0.00E+00	3.44E+00	9.70E-09	3.44E+00	3.44E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	9.36E-04
VF112TS	1.53E-03	2.41E-01	0.00E+00	2.41E-01	0.00E+00	0.00E+00	1.58E-01	9.05E-08	7.16E-04	7.85E-03	0.00E+00	0.00E+00	4.24E-12	8.20E-11	5.88E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05	8.47E-03	3.36E+00	0.00E+00	3.70E-10	1.24E-08	1.98E-03	6.03E-06	4.49E-03	0.00E+00	3.36E+00	9.49E-09	3.36E+00	3.37E+00	4.49E-03	0.00E+00	0.00E+00	0.00E+00	9.16E-04
VF112TY	1.55E-03	2.46E-01	0.00E+00	2.46E-01	0.00E+00	0.00E+00	1.61E-01	9.24E-08	7.31E-04	8.02E-03	0.00E+00	0.00E+00	4.33E-12	8.38E-11	6.01E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	8.65E-03	3.44E+00	0.00E+00	3.78E-10	1.27E-08	2.02E-03	6.16E-06	4.59E-03	0.00E+00	3.44E+00	9.70E-09	3.44E+00	3.44E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	9.36E-04
VF118PA	1.69E-03	2.62E-01	0.00E+00	2.62E-01	0.00E+00	0.00E+00	1.72E-01	9.84E-08	7.78E-04	8.53E-03	0.00E+00	0.00E+00	4.61E-12	8.92E-11	6.39E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	9.21E-03	3.66E+00	0.00E+00	4.02E-10	1.35E-08	2.15E-03	6.56E-06	4.89E-03	0.00E+00	3.66E+00	1.03E-08	3.66E+00	3.67E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	9.96E-04
VF118PD	2.02E-03	3.19E-01	0.00E+00	3.19E-01	0.00E+00	0.00E+00	2.09E-01	1.20E-07	9.48E-04	1.04E-02	0.00E+00	0.00E+00	5.61E-12	1.09E-10	7.78E-04	0.00E+00	0.00E+00	0.00E+00	2.82E-05	1.12E-02	4.46E+00	0.00E+00	4.90E-10	1.64E-08	2.62E-03	7.98E-06	5.94E-03	0.00E+00	4.46E+00	1.26E-08	4.46E+00	4.46E+00	5.94E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03
VF118PEH	2.08E-03	3.25E-01	0.00E+00	3.25E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.65E-04	1.06E-02	0.00E+00	0.00E+00	5.72E-12	1.11E-10	7.93E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-05	1.14E-02	4.54E+00	0.00E+00	4.99E-10	1.68E-08	2.67E-03	8.14E-06	6.05E-03	0.00E+00	4.54E+00	1.28E-08	4.54E+00	4.54E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-03
VF118PES	2.07E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.14E-01	1.22E-07	9.68E-04	1.06E-02	0.00E+00	0.00E+00	5.73E-12	1.11E-10	7.95E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.15E-02	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.68E-03	8.16E-06	6.07E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.56E+00	6.07E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF118PF	1.82E-03	2.86E-01	0.00E+00	2.86E-01	0.00E+00	0.00E+00	1.88E-01	1.07E-07	8.50E-04	9.33E-03	0.00E+00	0.00E+00	5.04E-12	9.74E-11	6.98E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	1.01E-02	4.00E+00	0.00E+00	4.39E-10	1.48E-08	2.35E-03	7.16E-06	5.33E-03	0.00E+00	4.00E+00	1.13E-08	4.00E+00	4.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03
VF118PJ	1.86E-03	2.93E-01	0.00E+00	2.93E-01	0.00E+00	0.00E+00	1.92E-01	1.10E-07	8.70E-04	9.53E-03	0.00E+00	0.00E+00	5.15E-12	9.97E-11	7.14E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-05	1.03E-02	4.09E+00	0.00E+00	4.49E-10	1.51E-08	2.41E-03	7.33E-06	5.46E-03	0.00E+00	4.09E+00	1.16E-08	4.09E+00	4.10E+00	5.46E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-03
VF118PJ1	1.81E-03	2.84E-01	0.00E+00	2.84E-01	0.00E+00	0.00E+00	1.86E-01	1.07E-07	8.45E-04	9.26E-03	0.00E+00	0.00E+00	5.00E-12	9.68E-11	6.93E-04	0.00E+00	0.00E+00	0.00E+00	2.52E-05	9.99E-03	3.97E+00	0.00E+00	4.36E-10	1.47E-08	2.34E-03	7.12E-06	5.31E-03	0.00E+00	3.97E+00	1.12E-08	3.97E+00	3.98E+00	5.31E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-03
VF118PM	1.69E-03	2.66E-01	0.00E+00	2.66E-01	0.00E+00	0.00E+00	1.74E-01	9.99E-08	7.90E-04	8.67E-03	0.00E+00	0.00E+00	4.68E-12	9.05E-11	6.48E-04	0.00E+00	0.00E+00	0.00E+00	2.35E-05	9.35E-03	3.71E+00	0.00E+00	4.08E-10	1.37E-08	2.19E-03	6.66E-06	4.96E-03	0.00E+00	3.71E+00	1.05E-08	3.71E+00	3.72E+00	4.96E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-03
VF118PP	2.07E-03	3.27E-01	0.00E+00	3.27E-01	0.00E+00	0.00E+00	2.14E-01	1.23E-07	9.72E-04	1.07E-02	0.00E+00	0.00E+00	5.75E-12	1.11E-10	7.97E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-05	1.15E-02	4.57E+00	0.00E+00	5.02E-10	1.69E-08	2.69E-03	8.18E-06	6.09E-03	0.00E+00	4.57E+00	1.29E-08	4.57E+00	4.57E+00	6.09E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF118PR	2.09E-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	5.77E-12	1.12E-10	8.00E-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	2.70E-03	8.21E-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
VF118PS	2.09E-03	3.30E-01	0.00E+00	3.30E-01	0.00E+00	0.00E+00	2.17E-01	1.24E-07	9.82E-04	1.08E-02	0.00E+00	0.00E+00	5.81E-12	1.12E-10	8.06E-04	0.00E+00	0.00E+00	0.00E+00	2.92E-05	1.16E-02	4.61E+00	0.00E+00	5.07E-10	1.70E-08	2.72E-03	8.27E-06	6.16E-03	0.00E+00	4.61E+00	1.30E-08	4.61E+00	4.62E+00	6.16E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-03
VF118PT	2.47E-03	3.90E-01	0.00E+00	3.90E-01	0.00E+00	0.00E+00	2.56E-01	1.47E-07	1.16E-03	1.27E-02	0.00E+00	0.00E+00	6.87E-12	1.33E-10	9.52E-04	0.00E+00	0.00E+00	0.00E+00	3.46E-05	1.37E-02	5.45E+00	0.00E+00	5.99E-10	2.01E-08	3.21E-03	9.77E-06	7.27E-03	0.00E+00	5.45E+00	1.54E-08	5.45E+00	5.46E+00	7.27E-03	0.00E+00	0.00E+00	0.00E+00	1.48E-03
VF118PY	2.16E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.68E-04	1.06E-02	0.00E+00	0.00E+00	5.72E-12	1.11E-10	7.93E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.14E-02	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.68E-03	8.14E-06	6.06E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.55E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF118TA	2.02E-03	3.18E-01	0.00E+00	3.18E-01	0.00E+00	0.00E+00	2.08E-01	1.19E-07	9.44E-04	1.04E-02	0.00E+00	0.00E+00	5.59E-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
VF118TD	1.81E-03	2.84E-01	0.00E+00	2.84E-01	0.00E+00	0.00E+00	1.86E-01	1.07E-07	8.45E-04	9.26E-03	0.00E+00	0.00E+00	5.00E-12	9.68E-11	6.93E-04	0.00E+00	0.00E+00	0.00E+00	2.52E-05	9.99E-03	3.97E+00	0.00E+00	4.36E-10	1.47E-08	2.34E-03	7.12E-06	5.31E-03	0.00E+00	3.97E+00	1.12E-08	3.97E+00	3.98E+00	5.31E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-03
VF118TES	2.08E-03	3.25E-01	0.00E+00	3.25E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.65E-04	1.06E-02	0.00E+00	0.00E+00	5.72E-12	1.11E-10	7.93E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-05	1.14E-02	4.54E+00	0.00E+00	4.99E-10	1.68E-08	2.67E-03	8.14E-06	6.05E-03	0.00E+00	4.54E+00	1.28E-08	4.54E+00	4.54E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-03
VF118TF	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	9.55E-03	0.00E+00	0.00E+00	5.16E-12	9.99E-11	7.15E-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
VF118TJ	1.86E-03	2.93E-01	0.00E+00	2.93E-01	0.00E+00	0.00E+00	1.92E-01	1.10E-07	8.71E-04	9.54E-03	0.00E+00	0.00E+00	5.16E-12	9.98E-11	7.14E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-05	1.03E-02	4.09E+00	0.00E+00	4.50E-10	1.51E-08	2.41E-03	7.34E-06	5.47E-03	0.00E+00	4.09E+00	1.16E-08	4.09E+00	4.10E+00	5.47E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-03
VF118TJ1	1.88E-03	2.90E-01	0.00E+00	2.90E-01	0.00E+00	0.00E+00	1.91E-01	1.09E-07	8.63E-04	9.46E-03	0.00E+00	0.00E+00	5.11E-12	9.90E-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	7.28E-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	1.10E-03
VF118TM	1.86E-03	2.92E-01	0.00E+00	2.92E-01	0.00E+00	0.00E+00	1.92E-01	1.10E-07	8.68E-04	9.51E-03	0.00E+00	0.00E+00	5.14E-12	9.95E-11	7.12E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-05	1.03E-02	4.08E+00	0.00E+00	4.49E-10	1.51E-08	2.40E-03	7.32E-06	5.45E-03	0.00E+00	4.08E+00	1.15E-08	4.08E+00	4.09E+00	5.45E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-03
VF118TP	2.16E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.68E-04	1.06E-02	0.00E+00	0.00E+00	5.72E-12	1.11E-10	7.93E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.14E-02	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.68E-03	8.14E-06	6.06E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.55E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF118TR	2.09E-03	3.24E-01	0.00E+00	3.24E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.64E-04	1.06E-02	0.00E+00	0.00E+00	5.71E-12	1.10E-10	7.91E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-05	1.14E-02	4.53E+00	0.00E+00	4.98E-10	1.67E-08	2.67E-03	8.12E-06	6.05E-03	0.00E+00	4.53E+00	1.28E-08	4.53E+00	4.54E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-03
VF118TS	2.09E-03	3.24E-01	0.00E+00	3.24E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.64E-04	1.06E-02	0.00E+00	0.00E+00	5.71E-12	1.10E-10	7.92E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-05	1.14E-02	4.53E+00	0.00E+00	4.98E-10	1.67E-08	2.67E-03	8.12E-06	6.05E-03	0.00E+00	4.53E+00	1.28E-08	4.53E+00	4.54E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-03
VF122PD	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	8.58E-04	0.00E+00	0.00E+00	0.00E+00	3.12E-05	1.24E-02	4.92E+00	0.00E+00	5.40E-10	1.81E-08	2.89E-03	8.81E-06	6.56E-03	0.00E+00	4.92E+00	1.39E-08	4.92E+00	4.92E+00	6.56E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-03
VF122PF	2.08E-03	3.25E-01	0.00E+00	3.25E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.65E-04	1.06E-02	0.00E+00	0.00E+00	5.71E-12	1.10E-10	7.92E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-05	1.14E-02	4.53E+00	0.00E+00	4.98E-10	1.68E-08	2.67E-03	8.13E-06	6.05E-03	0.00E+00	4.53E+00	1.28E-08	4.53E+00	4.54E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-03
VF122PJ	2.16E-03	3.40E-01	0.00E+00	3.40E-01	0.00E+00	0.00E+00	2.23E-01	1.28E-07	1.01E-03	1.11E-02	0.00E+00	0.00E+00	5.98E-12	1.16E-10	8.29E-04	0.00E+00	0.00E+00	0.00E+00	3.01E-05	1.19E-02	4.75E+00	0.00E+00	5.22E-10	1.75E-08	2.80E-03	8.51E-06	6.34E-03	0.00E+00	4.75E+00	1.34E-08	4.75E+00	4.75E+00	6.34E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03
VF122PM	2.11E-03	3.31E-01	0.00E+00	3.31E-01	0.00E+00	0.00E+00	2.17E-01	1.24E-07	9.85E-04	1.08E-02	0.00E+00	0.00E+00	5.83E-12	1.13E-10	8.09E-04	0.00E+00	0.00E+00	0.00E+00	2.93E-05	1.16E-02	4.63E+00	0.00E+00	5.09E-10	1.71E-08	2.73E-03	8.30E-06	6.18E-03	0.00E+00	4.63E+00	1.31E-08	4.63E+00	4.63E+00	6.18E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-03

VF122PP	2.32E-03	3.66E-01	0.00E+00	3.66E-01	0.00E+00	0.00E+00	2.40E-01	1.37E-07	1.09E-03	1.19E-02	0.00E+00	0.00E+00	6.44E-12	1.25E-10	8.92E-04	0.00E+00	0.00E+00	0.00E+00	3.24E-05	1.29E-02	5.11E+00	0.00E+00	5.61E-10	1.89E-08	3.01E-03	9.16E-06	6.82E-03	0.00E+00	5.11E+00	1.44E-08	5.11E+00	5.12E+00	6.82E-03	0.00E+00	0.00E+00	0.00E+00	1.39E-03
VF122PS	2.16E-03	3.40E-01	0.00E+00	3.40E-01	0.00E+00	0.00E+00	2.23E-01	1.28E-07	1.01E-03	1.11E-02	0.00E+00	0.00E+00	5.98E-12	1.16E-10	8.29E-04	0.00E+00	0.00E+00	0.00E+00	3.01E-05	1.19E-02	4.75E+00	0.00E+00	5.22E-10	1.75E-08	2.80E-03	8.51E-06	6.34E-03	0.00E+00	4.75E+00	1.34E-08	4.75E+00	4.75E+00	6.34E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03
VF122TA	2.01E-03	3.16E-01	0.00E+00	3.16E-01	0.00E+00	0.00E+00	2.08E-01	1.19E-07	9.40E-04	1.03E-02	0.00E+00	0.00E+00	5.57E-12	1.08E-10	7.72E-04	0.00E+00	0.00E+00	0.00E+00	2.80E-05	1.11E-02	4.42E+00	0.00E+00	4.86E-10	1.63E-08	2.60E-03	7.92E-06	5.90E-03	0.00E+00	4.42E+00	1.25E-08	4.42E+00	4.43E+00	5.90E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-03
VF122TD	2.20E-03	3.47E-01	0.00E+00	3.47E-01	0.00E+00	0.00E+00	2.28E-01	1.30E-07	1.03E-03	1.13E-02	0.00E+00	0.00E+00	6.11E-12	1.18E-10	8.47E-04	0.00E+00	0.00E+00	0.00E+00	3.07E-05	1.22E-02	4.85E+00	0.00E+00	5.32E-10	1.79E-08	2.85E-03	8.69E-06	6.47E-03	0.00E+00	4.85E+00	1.37E-08	4.85E+00	4.85E+00	6.47E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-03
VF122TF	2.16E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.68E-04	1.06E-02	0.00E+00	0.00E+00	5.72E-12	1.11E-10	7.93E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.14E-02	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.68E-03	8.14E-06	6.06E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.55E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF122TJ	2.16E-03	3.40E-01	0.00E+00	3.40E-01	0.00E+00	0.00E+00	2.23E-01	1.28E-07	1.01E-03	1.11E-02	0.00E+00	0.00E+00	5.98E-12	1.16E-10	8.29E-04	0.00E+00	0.00E+00	0.00E+00	3.01E-05	1.19E-02	4.75E+00	0.00E+00	5.22E-10	1.75E-08	2.80E-03	8.51E-06	6.34E-03	0.00E+00	4.75E+00	1.34E-08	4.75E+00	4.75E+00	6.34E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03
VF122TM	2.22E-03	3.49E-01	0.00E+00	3.49E-01	0.00E+00	0.00E+00	2.29E-01	1.31E-07	1.04E-03	1.14E-02	0.00E+00	0.00E+00	6.15E-12	1.19E-10	8.52E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05	1.23E-02	4.88E+00	0.00E+00	5.36E-10	1.80E-08	2.87E-03	8.74E-06	6.51E-03	0.00E+00	4.88E+00	1.38E-08	4.88E+00	4.89E+00	6.51E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-03
VF122TP	2.28E-03	3.60E-01	0.00E+00	3.60E-01	0.00E+00	0.00E+00	2.36E-01	1.35E-07	1.07E-03	1.17E-02	0.00E+00	0.00E+00	6.34E-12	1.23E-10	8.78E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-05	1.27E-02	5.03E+00	0.00E+00	5.53E-10	1.86E-08	2.96E-03	9.01E-06	6.71E-03	0.00E+00	5.03E+00	1.42E-08	5.03E+00	5.04E+00	6.71E-03	0.00E+00	0.00E+00	0.00E+00	1.37E-03
VF122TS	2.01E-03	3.16E-01	0.00E+00	3.16E-01	0.00E+00	0.00E+00	2.08E-01	1.19E-07	9.40E-04	1.03E-02	0.00E+00	0.00E+00	5.57E-12	1.08E-10	7.72E-04	0.00E+00	0.00E+00	0.00E+00	2.80E-05	1.11E-02	4.42E+00	0.00E+00	4.86E-10	1.63E-08	2.60E-03	7.92E-06	5.90E-03	0.00E+00	4.42E+00	1.25E-08	4.42E+00	4.43E+00	5.90E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-03
VF212PA	2.20E-03	3.47E-01	0.00E+00	3.47E-01	0.00E+00	0.00E+00	2.27E-01	1.30E-07	1.03E-03	1.13E-02	0.00E+00	0.00E+00	6.10E-12	1.18E-10	8.46E-04	0.00E+00	0.00E+00	0.00E+00	3.07E-05	1.22E-02	4.84E+00	0.00E+00	5.32E-10	1.79E-08	2.85E-03	8.68E-06	6.46E-03	0.00E+00	4.84E+00	1.37E-08	4.84E+00	4.85E+00	6.46E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-03
VF212PD	2.09E-03	3.30E-01	0.00E+00	3.30E-01	0.00E+00	0.00E+00	2.16E-01	1.24E-07	9.81E-04	1.08E-02	0.00E+00	0.00E+00	5.80E-12	1.12E-10	8.05E-04	0.00E+00	0.00E+00	0.00E+00	2.92E-05	1.16E-02	4.61E+00	0.00E+00	5.06E-10	1.70E-08	2.71E-03	8.26E-06	6.15E-03	0.00E+00	4.61E+00	1.30E-08	4.61E+00	4.61E+00	6.15E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-03
VF212PE	2.07E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.14E-01	1.22E-07	9.68E-04	1.06E-02	0.00E+00	0.00E+00	5.73E-12	1.11E-10	7.94E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.14E-02	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.68E-03	8.15E-06	6.07E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.55E+00	6.07E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF212PEB	1.83E-03	2.89E-01	0.00E+00	2.89E-01	0.00E+00	0.00E+00	1.89E-01	1.08E-07	8.58E-04	9.41E-03	0.00E+00	0.00E+00	5.08E-12	9.83E-11	7.04E-04	0.00E+00	0.00E+00	0.00E+00	2.56E-05	1.01E-02	4.03E+00	0.00E+00	4.43E-10	1.49E-08	2.37E-03	7.23E-06	5.38E-03	0.00E+00	4.03E+00	1.14E-08	4.03E+00	4.04E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	1.10E-03
VF212PEH	2.07E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.14E-01	1.22E-07	9.69E-04	1.06E-02	0.00E+00	0.00E+00	5.74E-12	1.11E-10	7.95E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-05	1.15E-02	4.56E+00	0.00E+00	5.01E-10	1.68E-08	2.68E-03	8.16E-06	6.08E-03	0.00E+00	4.56E+00	1.29E-08	4.56E+00	4.56E+00	6.08E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF212PF	1.86E-03	2.94E-01	0.00E+00	2.94E-01	0.00E+00	0.00E+00	1.93E-01	1.10E-07	8.73E-04	9.57E-03	0.00E+00	0.00E+00	5.17E-12	1.00E-10	7.17E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	1.03E-02	4.11E+00	0.00E+00	4.51E-10	1.52E-08	2.42E-03	7.36E-06	5.48E-03	0.00E+00	4.11E+00	1.16E-08	4.11E+00	4.11E+00	5.48E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-03
VF212PJ	2.16E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.68E-04	1.06E-02	0.00E+00	0.00E+00	5.72E-12	1.11E-10	7.93E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.14E-02	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.68E-03	8.14E-06	6.06E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.55E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF212PM	2.16E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.68E-04	1.06E-02	0.00E+00	0.00E+00	5.72E-12	1.11E-10	7.93E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.14E-02	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.68E-03	8.14E-06	6.06E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.55E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF212PP	2.21E-03	3.48E-01	0.00E+00	3.48E-01	0.00E+00	0.00E+00	2.28E-01	1.31E-07	1.03E-03	1.14E-02	0.00E+00	0.00E+00	6.13E-12	1.19E-10	8.49E-04	0.00E+00	0.00E+00	0.00E+00	3.08E-05	1.22E-02	4.86E+00	0.00E+00	5.34E-10	1.80E-08	2.86E-03	8.72E-06	6.49E-03	0.00E+00	4.86E+00	1.37E-08	4.86E+00	4.87E+00	6.49E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-03
VF212PR	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	6.49E-12	1.26E-10	9.00E-04	0.00E+00	0.00E+00	0.00E+00	3.27E-05	1.30E-02	5.15E+00	0.00E+00	5.66E-10	1.90E-08	3.03E-03	9.24E-06	6.88E-03	0.00E+00	5.15E+00	1.45E-08	5.15E+00	5.16E+00	6.88E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-03
VF212PS	1.88E-03	2.97E-01	0.00E+00	2.97E-01	0.00E+00	0.00E+00	1.95E-01	1.12E-07	8.83E-04	9.68E-03	0.00E+00	0.00E+00	5.23E-12	1.01E-10	7.24E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05	1.04E-02	4.15E+00	0.00E+00	4.56E-10	1.53E-08	2.44E-03	7.43E-06	5.54E-03	0.00E+00	4.15E+00	1.17E-08	4.15E+00	4.15E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-03
VF212PT	2.77E-03	4.37E-01	0.00E+00	4.37E-01	0.00E+00	0.00E+00	2.86E-01	1.64E-07	1.30E-03	1.42E-02	0.00E+00	0.00E+00	7.68E-12	1.49E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.87E-05	1.53E-02	6.10E+00	0.00E+00	6.70E-10	2.25E-08	3.59E-03	1.09E-05	8.14E-03	0.00E+00	6.10E+00	1.72E-08	6.10E+00	6.11E+00	8.14E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-03
VF212PY	2.28E-03	3.60E-01	0.00E+00	3.60E-01	0.00E+00	0.00E+00	2.36E-01	1.35E-07	1.07E-03	1.17E-02	0.00E+00	0.00E+00	6.34E-12	1.23E-10	8.78E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-05	1.27E-02	5.03E+00	0.00E+00	5.53E-10	1.86E-08	2.96E-03	9.01E-06	6.71E-03	0.00E+00	5.03E+00	1.42E-08	5.03E+00	5.04E+00	6.71E-03	0.00E+00	0.00E+00	0.00E+00	1.37E-03
VF212PZB	1.78E-03	2.81E-01	0.00E+00	2.81E-01	0.00E+00	0.00E+00	1.85E-01	1.06E-07	8.36E-04	9.18E-03	0.00E+00	0.00E+00	4.95E-12	9.58E-11	6.86E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	9.89E-03	3.93E+00	0.00E+00	4.32E-10	1.45E-08	2.31E-03	7.04E-06	5.25E-03	0.00E+00	3.93E+00	1.11E-08	3.93E+00	3.94E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	1.07E-03
VF212PZC	1.70E-03	2.68E-01	0.00E+00	2.68E-01	0.00E+00	0.00E+00	1.76E-01	1.01E-07	7.98E-04	8.74E-03	0.00E+00	0.00E+00	4.72E-12	9.13E-11	6.55E-04	0.00E+00	0.00E+00	0.00E+00	2.38E-05	9.43E-03	3.75E+00	0.00E+00	4.11E-10	1.38E-08	2.21E-03	6.72E-06	5.00E-03	0.00E+00	3.75E+00	1.06E-08	3.75E+00	3.75E+00	5.00E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03
VF212PZG	2.28E-03	3.60E-01	0.00E+00	3.60E-01	0.00E+00	0.00E+00	2.36E-01	1.35E-07	1.07E-03	1.17E-02	0.00E+00	0.00E+00	6.34E-12	1.23E-10	8.78E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-05	1.27E-02	5.03E+00	0.00E+00	5.53E-10	1.86E-08	2.96E-03	9.01E-06	6.71E-03	0.00E+00	5.03E+00	1.42E-08	5.03E+00	5.04E+00	6.71E-03	0.00E+00	0.00E+00	0.00E+00	1.37E-03
VF212TA	2.15E-03	3.39E-01	0.00E+00	3.39E-01	0.00E+00	0.00E+00	2.22E-01	1.27E-07	1.01E-03	1.10E-02	0.00E+00	0.00E+00	5.96E-12	1.15E-10	8.26E-04	0.00E+00	0.00E+00	0.00E+00	3.00E-05	1.19E-02	4.73E+00	0.00E+00	5.20E-10	1.75E-08	2.79E-03	8.48E-06	6.31E-03	0.00E+00	4.73E+00	1.34E-08	4.73E+00	4.74E+00	6.31E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03
VF212TD	2.20E-03	3.47E-01	0.00E+00	3.47E-01	0.00E+00	0.00E+00	2.28E-01	1.30E-07	1.03E-03	1.13E-02	0.00E+00	0.00E+00	6.11E-12	1.18E-10	8.47E-04	0.00E+00	0.00E+00	0.00E+00	3.07E-05	1.22E-02	4.85E+00	0.00E+00	5.32E-10	1.79E-08	2.85E-03	8.69E-06	6.47E-03	0.00E+00	4.85E+00	1.37E-08	4.85E+00	4.85E+00	6.47E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-03
VF212TE	2.10E-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	5.77E-12	1.12E-10	8.00E-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	2.70E-03	8.21E-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
VF212TF	2.08E-03	3.25E-01	0.00E+00	3.25E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.65E-04	1.06E-02	0.00E+00	0.00E+00	5.71E-12	1.10E-10	7.92E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-05	1.14E-02	4.53E+00	0.00E+00	4.98E-10	1.68E-08	2.67E-03	8.13E-06	6.05E-03	0.00E+00	4.53E+00	1.28E-08	4.53E+00	4.54E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-03
VF212TJ	2.11E-03	3.31E-01	0.00E+00	3.31E-01	0.00E+00	0.00E+00	2.17E-01	1.24E-07	9.83E-04	1.08E-02	0.00E+00	0.00E+00	5.82E-12	1.13E-10	8.07E-04	0.00E+00	0.00E+00	0.00E+00	2.93E-05	1.16E-02	4.62E+00	0.00E+00	5.08E-10	1.71E-08	2.72E-03	8.28E-06	6.17E-03	0.00E+00	4.62E+00	1.30E-08	4.62E+00	4.63E+00	6.17E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-03
VF212TM	2.11E-03	3.31E-01	0.00E+00	3.31E-01	0.00E+00	0.00E+00	2.17E-01	1.24E-07	9.85E-04	1.08E-02	0.00E+00	0.00E+00	5.83E-12	1.13E-10	8.09E-04	0.00E+00	0.00E+00	0.00E+00	2.93E-05	1.16E-02	4.63E+00	0.00E+00	5.09E-10	1.71E-08	2.73E-03	8.30E-06	6.18E-03	0.00E+00	4.63E+00	1.31E-08	4.63E+00	4.63E+00	6.18E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-03
VF212TP	2.38E-03	3.75E-01	0.00E+00	3.75E-01	0.00E+00	0.00E+00	2.46E-01	1.41E-07	1.12E-03	1.22E-02	0.00E+00	0.00E+00	6.60E-12	1.28E-10	9.15E-04	0.00E+00	0.00E+00	0.00E+00	3.32E-05	1.32E-02	5.24E+00	0.00E+00	5.76E-10	1.94E-08	3.09E-03	9.40E-06	7.00E-03	0.00E+00	5.24E+00	1.48E-08	5.24E+00	5.25E+00	7.00E-03	0.00E+00	0.00E+00	0.00E+00	1.43E-03
VF212TR	2.33E-03	3.68E-01	0.00E+00	3.68E-01	0.00E+00	0.00E+00	2.41E-01	1.38E-07	1.09E-03	1.20E-02	0.00E+00	0.00E+00	6.48E-12	1.25E-10	8.98E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-05	1.29E-02	5.14E+00	0.00E+00	5.65E-10	1.90E-08	3.03E-03	9.21E-06	6.86E-03	0.00E+00	5.14E+00	1.45E-08	5.14E+00	5.15E+00	6.86E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-03
VF212TS	2.16E-03	3.40E-01	0.00E+00	3.40E-01	0.00E+00	0.00E+00	2.23E-01	1.28E-07	1.01E-03	1.11E-02	0.00E+00	0.00E+00	5.98E-12	1.16E-10	8.29E-04	0.00E+00	0.00E+00	0.00E+00	3.01E-05	1.19E-02	4.75E+00	0.00E+00	5.22E-10	1.75E-08	2.80E-03	8.51E-06	6.34E-03	0.00E+00	4.75E+00	1.34E-08	4.75E+00	4.75E+00	6.34E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03
VF212TY	2.36E-03	3.71E-01	0.00E+00	3.71E-01	0.00E+00	0.00E+00	2.44E-01	1.39E-07	1.10E-03	1.21E-02	0.00E+00	0.00E+00	6.53E-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	3.05E-03	9.30E-06	6.92E-03	0.00E+00	5.19E+00	1.46E-08	5.19E+00	5.19E+00	6.92E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-03
VF218PA	2.92E-03	4.44E-01	0.00E+00	4.44E-01	0.00E+00	0.00E+00	2.91E-01	1.67E-07	1.32E-03	1.45E-02	0.00E+00	0.00E+00	7.82E-12	1.51E-10	1.08E-03	0.00E+00	0.00E+00	0.00E+00	3.93E-05	1.56E-02	6.21E+00	0.00E+00	6.82E-10	2.29E-08	3.65E-03	1.11E-05	8.28E-03	0.00E+00	6.21E+00	1.75E-08	6.21E+00	6.22E+00	8.28E-03	0.00E+00	0.00E+00	0.00E+00	1.69E-03
VF218PD	2.79E-03	4.40E-01	0.00E+00	4.40E-01	0.00E+00	0.00E+00	2.89E-01	1.65E-07	1.31E-03	1.44E-02	0.00E+00	0.00E+00	7.75E-12	1.50E-10	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.90E-05	1.55E-02	6.15E+00	0.00E+00	6.76E-10	2.27E-08	3.62E-03	1.10E-05	8.21E-03	0.00E+00	6.15E+00	1.74E-08	6.15E+00	6.16E+00	8.21E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-03
VF218PEH	2.84E-03	4.44E-01	0.00E+00	4.44E-01	0.00E+00	0.00E+00	2.92E-01	1.67E-07	1.32E-03	1.45E-02	0.00E+00	0.00E+00	7.82E-12	1.51E-10	1.08E-03	0.00E+00	0.00E+00	0.00E+00	3.94E-05	1.56E-02	6.21E+00	0.00E+00	6.82E-10	2.29E-08	3.66E-03	1.11E-05	8.28E-03	0.00E+00	6.21E+00	1.75E-08	6.21E+00	6.22E+00	8.28E-03	0.00E+00	0.00E+00	0.00E+00	1.69E-03
VF218PES	2.87E-03	4.53E-01	0.00E+00	4.53E-01	0.00E+00	0.00E+00	2.97E-01	1.70E-07	1.35E-03	1.48E-02	0.00E+00	0.00E+00	7.97E-12	1.54E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	4.01E-05	1.59E-02	6.32E+00	0.00E+00	6.95E-10	2.33E-08	3.72E-03	1.13E-05	8.44E-03	0.00E+00	6.32E+00	1.78E-08	6.32E+00	6.33E+00	8.44E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-03
VF218PF	2.44E-03	3.80E-01	0.00E+00	3.80E-01	0.00E+00	0.00E+00	2.49E-01	1.43E-07	1.13E-03	1.24E-02	0.00E+00	0.00E+00	6.69E-12	1.29E-10	9.27E-04	0.00E+00	0.00E+00	0.00E+00	3.36E-05	1.34E-02	5.31E+00	0.00E+00	5.83E-10	1.96E-08	3.13E-03	9.51E-06	7.08E-03	0.00E+00	5.31E+00	1.50E-08	5.31E+00	5.32E+00	7.08E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-03
VF218PJ	2.57E-03	4.06E-01	0.00E+00	4.06E-01	0.00E+00	0.00E+00	2.66E-01	1.52E-07	1.21E-03	1.32E-02	0.00E+00	0.00E+00	7.14E-12	1.38E-10	9.90E-04	0.00E+00	0.00E+00	0.00E+00	3.59E-05	1.43E-02	5.67E+00	0.00E+00	6.23E-10	2.09E-08	3.34E-03	1.02E-05	7.57E-03	0.00E+00	5.67E+00	1.60E-08	5.67E+00	5.68E+00	7.57E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-03
VF218PJ1	2.75E-03	4.33E-01	0.00E+00	4.33E-01	0.00E+00	0.00E+00	2.84E-01	1.63E-07	1.29E-03	1.41E-02	0.00E+00	0.00E+00	7.63E-12	1.48E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.84E-05	1.52E-02	6.06E+00	0.00E+00	6.65E-10	2.24E-08	3.57E-03	1.09E-05	8.08E-03	0.00E+00	6.06E+00	1.71E-08	6.06E+00	6.06E+00	8.08E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-03
VF218PM	2.75E-03	4.33E-01	0.00E+00	4.33E-01	0.00E+00	0.00E+00	2.84E-01	1.63E-07	1.29E-03	1.41E-02	0.00E+00	0.00E+00	7.61E-12	1.47E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.83E-05	1.52E-02	6.04E+00	0.00E+00	6.64E-10	2.23E-08	3.56E-03	1.08E-05	8.07E-03	0.00E+00	6.04E+00	1.71E-08	6.04E+00	6.05E+00	8.07E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-03
VF218PP	2.89E-03	4.56E-01	0.00E+00	4.56E-01	0.00E+00	0.00E+00	2.99E-01	1.71E-07	1.35E-03	1.49E-02	0.00E+00	0.00E+00	8.02E-12	1.55E-10	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.03E-05	1.60E-02	6.37E+00	0.00E+00	6.99E-10	2.35E-08	3.75E-03	1.14E-05	8.49E-03	0.00E+00	6.37E+00	1.80E-08	6.37E+00	6.37E+00	8.49E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
VF218PR	3.08E-03	4.85E-01	0.00E+00	4.85E-01	0.00E+00	0.00E+00	3.19E-01	1.82E-07	1.44E-03	1.58E-02	0.00E+00	0.00E+00	8.55E-12	1.65E-10	1.18E-03	0.00E+00	0.00E+00	0.00E+00	4.30E-05	1.71E-02	6.78E+00	0.00E+00	7.45E-10	2.51E-08	3.99E-03	1.22E-05	9.06E-03	0.00E+00	6.78E+00	1.91E-08	6.78E+00	6.78E+00	9.06E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-03
VF218PS	2.96E-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	8.04E-12	1.55E-10	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.04E-05	1.61E-02	6.38E+00	0.00E+00	7.01E-10	2.36E-08	3.76E-03	1.14E-05	8.52E-03	0.00E+00	6.38E+00	1.80E-08	6.38E+00	6.39E+00	8.52E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VF218PT	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	1.94E-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	5.27E-05	2.09E-02	8.32E+00	0.00E+00	9.14E-10	3.07E-08	4.90E-03	1.49E-05	1.11E-02	0.00E+00	8.32E+00	2.35E-08	8.32E+00	8.33E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
VF218PY	2.99E-03	4.72E-01	0.00E+00	4.72E-01	0.00E+00	0.00E+00	3.10E-01	1.77E-07	1.40E-03	1.54E-02	0.00E+00	0.00E+00	8.31E-12	1.61E-10	1.15E-03	0.00E+00	0.00E+00	0.00E+00	4.18E-05	1.66E-02	6.60E+00	0.00E+00	7.25E-10	2.44E-08	3.88E-03	1.18E-05	8.81E-03	0.00E+00	6.60E+00	1.86E-08	6.60E+00	6.60E+00	8.81E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-03
VF218PZB	1.73E-03	2.73E-01	0.00E+00	2.73E-01	0.00E+00	0.00E+00	1.79E-01	1.03E-07	8.11E-04	8.89E-03	0.00E+00	0.00E+00	4.80E-12	9.29E-11	6.65E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	9.59E-03	3.81E+00	0.00E+00	4.18E-10	1.41E-08	2.24E-03	6.83E-06	5.09E-03	0.00E+00	3.81E+00	1.08E-08	3.81E+00	3.82E+00	5.09E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VF218PZG	2.99E-03	4.72E-01	0.00E+00	4.72E-01	0.00E+00	0.00E+00	3.10E-01	1.77E-07	1.40E-03	1.54E-02	0.00E+00	0.00E+00	8.31E-12	1.61E-10	1.15E-03	0.00E+00	0.00E+00	0.00E+00	4.18E-05	1.66E-02	6.60E+00	0.00E+00	7.25E-10	2.44E-08	3.88E-03	1.18E-05	8.81E-03	0.00E+00	6.60E+00	1.86E-08	6.60E+00	6.60E+00	8.81E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-03
VF218TA	3.01E-03	4.56E-01	0.00E+00	4.56E-01	0.00E+00	0.00E+00	2.99E-01	1.71E-07	1.35E-03	1.49E-02	0.00E+00	0.00E+00	8.02E-12	1.55E-10	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.04E-05	1.60E-02	6.37E+00	0.00E+00	7.00E-10	2.35E-08	3.75E-03	1.14E-05	8.50E-03	0.00E+00	6.37E+00	1.80E-08	6.37E+00	6.38E+00	8.50E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
VF218TD	2.76E-03	4.35E-01	0.00E+00	4.35E-01	0.00E+00	0.00E+00	2.85E-01	1.63E-07	1.29E-03	1.42E-02	0.00E+00	0.00E+00	7.65E-12	1.48E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.85E-05	1.53E-02	6.07E+00	0.00E+00	6.67E-10	2.24E-08	3.58E-03	1.09E-05	8.10E-03	0.00E+00	6.07E+00	1.71E-08	6.07E+00	6.08E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-03
VF218TES	2.87E-03	4.50E-01	0.00E+00	4.50E-01	0.00E+00	0.00E+00	2.95E-01	1.69E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.91E-12	1.53E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	3.98E-05	1.58E-02	6.29E+00	0.00E+00	6.91E-10	2.32E-08	3.70E-03	1.13E-05	8.38E-03	0.00E+00	6.29E+00	1.77E-08	6.29E+00	6.29E+00	8.38E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-03
VF218TF	2.44E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.77E-12	1.31E-10	9.38E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	1.35E-02	5.37E+00	0.00E+00	5.90E-10	1.98E-08	3.16E-03	9.63E-06	7.17E-03	0.00E+00	5.37E+00	1.52E-08	5.37E+00	5.38E+00	7.17E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
VF218TJ	2.48E-03	3.86E-01	0.00E+00	3.86E-01	0.00E+00	0.00E+00	2.53E-01	1.45E-07	1.15E-03	1.26E-02	0.00E+00	0.00E+00	6.79E-12	1.31E-10	9.42E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-05	1.36E-02	5.39E+00	0.00E+00	5.93E-10	1.99E-08	3.18E-03	9.66E-06	7.20E-03	0.00E+00	5.39E+00	1.52E-08	5.39E+00	5.40E+00	7.20E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-03
VF218TJ1	2.88E-03	4.48E-01	0.00E+00	4.48E-01	0.00E+00	0.00E+00	2.94E-01	1.68E-07	1.33E-03	1.46E-02	0.00E+00	0.00E+00	7.88E-12	1.52E-10	1.09E-03	0.00E+00	0.00E+00	0.00E+00	3.96E-05	1.57E-02	6.25E+00	0.00E+00	6.87E-10	2.31E-08	3.68E-03	1.12E-05	8.35E-03	0.00E+00	6.25E+00	1.77E-08	6.25E+00	6.26E+00	8.35E-03	0.00E+00	0.00E+00	0.00E+00	1.70E-03
VF218TM	2.75E-03	4.33E-01	0.00E+00	4.33E-01	0.00E+00	0.00E+00	2.84E-01	1.63E-07	1.29E-03	1.41E-02	0.00E+00	0.00E+00	7.61E-12	1.47E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.83E-05	1.52E-02	6.04E+00	0.00E+00	6.64E-10	2.23E-08	3.56E-03	1.08E-05	8.07E-03	0.00E+00	6.04E+00	1.71E-08	6.04E+00	6.05E+00	8.07E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-03
VF218TP	2.89E-03	4.49E-01	0.00E+00	4.49E-01	0.00E+00	0.00E+00	2.94E-01	1.69E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.90E-12	1.53E-10	1.09E-03	0.00E+00	0.00E+00	0.00E+00	3.98E-05	1.58E-02	6.28E+00	0.00E+00	6.90E-10	2.31E-08	3.70E-03	1.12E-05	8.37E-03	0.00E+00	6.28E+00	1.77E-08	6.28E+00	6.28E+00	8.37E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-03
VF218TR	3.08E-03	4.85E-01	0.00E+00	4.85E-01	0.00E+00	0.00E+00	3.19E-01	1.82E-07	1.44E-03	1.58E-02	0.00E+00	0.00E+00	8.55E-12	1.65E-10	1.18E-03	0.00E+00	0.00E+00	0.00E+00	4.30E-05	1.71E-02	6.78E+00	0.00E+00	7.45E-10	2.51E-08	3.99E-03	1.22E-05	9.06E-03	0.00E+00	6.78E+00	1.91E-08	6.78E+00	6.78E+00	9.06E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-03
VF218TS	3.38E-03	5.30E-01	0.00E+00	5.30E-01	0.00E+00	0.00E+00	3.48E-01	1.99E-07	1.58E-03	1.73E-02	0.00E+00	0.00E+00	9.34E-12	1.80E-10	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.69E-05	1.86E-02	7.41E+00	0.00E+00	8.14E-10	2.73E-08	4.36E-03	1.33E-05	9.89E-03	0.00E+00	7.41E+00	2.09E-08	7.41E+00	7.42E+00	9.89E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-03
VF312ICT	4.47E-03	7.06E-01	0.00E+00	7.06E-01	0.00E+00	0.00E+00	4.63E-01	2.65E-07	2.10E-03	2.30E-02	0.00E+00	0.00E+00	1.24E-11	2.40E-10	1.72E-03	0.00E+00	0.00E+00	0.00E+00	6.25E-05	2.48E-02	9.86E+00	0.00E+00	1.08E-09	3.64E-08	5.80E-03	1.77E-05	1.32E-02	0.00E+00	9.86E+00	2.78E-08	9.86E+00	9.87E+00	1.32E-02	0.00E+00	0.00E+00	0.00E+00	2.68E-03
VF312PA	2.96E-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	8.04E-12	1.55E-10	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.04E-05	1.61E-02	6.38E+00	0.00E+00	7.01E-10	2.36E-08	3.76E-03	1.14E-05	8.52E-03	0.00E+00	6.38E+00	1.80E-08	6.38E+00	6.39E+00	8.52E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VF312PD	2.71E-03	4.27E-01	0.00E+00	4.27E-01	0.00E+00	0.00E+00	2.80E-01	1.60E-07	1.27E-03	1.39E-02	0.00E+00	0.00E+00	7.51E-12	1.45E-10	1.04E-03	0.00E+00	0.00E+00	0.00E+00	3.78E-05	1.50E-02	5.96E+00	0.00E+00	6.55E-10	2.20E-08	3.51E-03	1.07E-05	7.95E-03	0.00E+00	5.96E+00	1.68E-08	5.96E+00	5.97E+00	7.95E-03	0.00E+00	0.00E+00	0.00E+00	1.62E-03
VF312PE	2.63E-03	4.14E-01	0.00E+00	4.14E-01	0.00E+00	0.00E+00	2.72E-01	1.55E-07	1.23E-03	1.35E-02	0.00E+00	0.00E+00	7.28E-12	1.41E-10	1.01E-03	0.00E+00	0.00E+00	0.00E+00	3.67E-05	1.46E-02	5.78E+00	0.00E+00	6.35E-10	2.14E-08	3.41E-03	1.04E-05	7.72E-03	0.00E+00	5.78E+00	1.63E-08	5.78E+00	5.79E+00	7.72E-03	0.00E+00	0.00E+00	0.00E+00	1.57E-03
VF312PEB	2.33E-03	3.68E-01	0.00E+00	3.68E-01	0.00E+00	0.00E+00	2.41E-01	1.38E-07	1.09E-03	1.20E-02	0.00E+00	0.00E+00	6.47E-12	1.25E-10	8.97E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-05	1.29E-02	5.14E+00	0.00E+00	5.64E-10	1.90E-08	3.02E-03	9.21E-06	6.85E-03	0.00E+00	5.14E+00	1.45E-08	5.14E+00	5.14E+00	6.85E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-03
VF312PEBH	1.15E-03	1.81E-01	0.00E+00	1.81E-01	0.00E+00	0.00E+00	1.19E-01	6.79E-08	5.37E-04	5.90E-03	0.00E+00	0.00E+00	3.18E-12	6.15E-11	4.41E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	6.35E-03	2.52E+00	0.00E+00	2.78E-10	9.32E-09	1.49E-03	4.53E-06	3.37E-03	0.00E+00	2.52E+00	7.13E-09	2.52E+00	2.53E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	6.88E-04
VF312PF	2.38E-03	3.73E-01	0.00E+00	3.73E-01	0.00E+00	0.00E+00	2.45E-01	1.40E-07	1.11E-03	1.22E-02	0.00E+00	0.00E+00	6.57E-12	1.27E-10	9.10E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05	1.31E-02	5.21E+00	0.00E+00	5.73E-10	1.92E-08	3.07E-03	9.34E-06	6.96E-03	0.00E+00	5.21E+00	1.47E-08	5.21E+00	5.22E+00	6.96E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-03
VF312PJ	2.67E-03	4.20E-01	0.00E+00	4.20E-01	0.00E+00	0.00E+00	2.76E-01	1.58E-07	1.25E-03	1.37E-02	0.00E+00	0.00E+00	7.40E-12	1.43E-10	1.03E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-05	1.48E-02	5.87E+00	0.00E+00	6.45E-10	2.17E-08	3.46E-03	1.05E-05	7.84E-03	0.00E+00	5.87E+00	1.66E-08	5.87E+00	5.88E+00	7.84E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-03
VF312PM	2.66E-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	1.36E-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	3.70E-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
VF312PR	3.13E-03	4.94E-01	0.00E+00	4.94E-01	0.00E+00	0.00E+00	3.25E-01	1.86E-07	1.47E-03	1.61E-02	0.00E+00	0.00E+00	8.71E-12	1.68E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.37E-05	1.74E-02	6.90E+00	0.00E+00	7.59E-10	2.55E-08	4.06E-03	1.24E-05	9.23E-03	0.00E+00	6.90E+00	1.95E-08	6.90E+00	6.91E+00	9.23E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-03
VF312PS	2.84E-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	7.87E-12	1.52E-10	1.09E-03	0.00E+00	0.00E+00	0.00E+00	3.96E-05	1.57E-02	6.25E+00	0.00E+00	6.87E-10	2.31E-08	3.68E-03	1.12E-05	8.34E-03	0.00E+00	6.25E+00	1.76E-08	6.25E+00	6.26E+00	8.34E-03	0.00E+00	0.00E+00	0.00E+00	1.70E-03
VF312PT	3.52E-03	5.54E-01	0.00E+00	5.54E-01	0.00E+00	0.00E+00	3.64E-01	2.08E-07	1.65E-03	1.81E-02	0.00E+00	0.00E+00	9.76E-12	1.89E-10	1.35E-03	0.00E+00	0.00E+00	0.00E+00	4.91E-05	1.95E-02	7.75E+00	0.00E+00	8.51E-10	2.86E-08	4.56E-03	1.39E-05	1.03E-02	0.00E+00	7.75E+00	2.19E-08	7.75E+00	7.76E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
VF312PY	3.09E-03	4.87E-01	0.00E+00	4.87E-01	0.00E+00	0.00E+00	3.20E-01	1.83E-07	1.45E-03	1.59E-02	0.00E+00	0.00E+00	8.58E-12	1.66E-10	1.19E-03	0.00E+00	0.00E+00	0.00E+00	4.32E-05	1.71E-02	6.81E+00	0.00E+00	7.48E-10	2.51E-08	4.01E-03	1.22E-05	9.10E-03	0.00E+00	6.81E+00	1.92E-08	6.81E+00	6.81E+00	9.10E-03	0.00E+00	0.00E+00	0.00E+00	1.85E-03
VF312PZC	3.09E-03	4.87E-01	0.00E+00	4.87E-01	0.00E+00	0.00E+00	3.20E-01	1.83E-07	1.45E-03	1.59E-02	0.00E+00	0.00E+00	8.58E-12	1.66E-10	1.19E-03	0.00E+00	0.00E+00	0.00E+00	4.32E-05	1.71E-02	6.81E+00	0.00E+00	7.48E-10	2.51E-08	4.01E-03	1.22E-05	9.10E-03	0.00E+00	6.81E+00	1.92E-08	6.81E+00	6.81E+00	9.10E-03	0.00E+00	0.00E+00	0.00E+00	1.85E-03

VF312PZG	2.16E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.14E-01	1.22E-07	9.69E-04	1.06E-02	0.00E+00	0.00E+00	5.73E-12	1.11E-10	7.95E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-05	1.15E-02	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.68E-03	8.16E-06	6.07E-03	0.00E+00	4.55E+00	1.29E-08	4.55E+00	4.56E+00	6.07E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VF312TA	2.97E-03	4.50E-01	0.00E+00	4.50E-01	0.00E+00	0.00E+00	2.95E-01	1.69E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.92E-12	1.53E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	3.98E-05	1.58E-02	6.29E+00	0.00E+00	6.91E-10	2.32E-08	3.70E-03	1.13E-05	8.39E-03	0.00E+00	6.29E+00	1.77E-08	6.29E+00	6.30E+00	8.39E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-03
VF312TD	2.82E-03	4.38E-01	0.00E+00	4.38E-01	0.00E+00	0.00E+00	2.88E-01	1.65E-07	1.30E-03	1.43E-02	0.00E+00	0.00E+00	7.72E-12	1.49E-10	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-05	1.54E-02	6.12E+00	0.00E+00	6.73E-10	2.26E-08	3.61E-03	1.10E-05	8.18E-03	0.00E+00	6.12E+00	1.73E-08	6.12E+00	6.13E+00	8.18E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-03
VF312TE	2.75E-03	4.33E-01	0.00E+00	4.33E-01	0.00E+00	0.00E+00	2.84E-01	1.63E-07	1.29E-03	1.41E-02	0.00E+00	0.00E+00	7.63E-12	1.48E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.84E-05	1.52E-02	6.06E+00	0.00E+00	6.65E-10	2.24E-08	3.57E-03	1.09E-05	8.08E-03	0.00E+00	6.06E+00	1.71E-08	6.06E+00	6.06E+00	8.08E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-03
VF312TF	2.44E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.77E-12	1.31E-10	9.38E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	1.35E-02	5.37E+00	0.00E+00	5.91E-10	1.98E-08	3.16E-03	9.63E-06	7.17E-03	0.00E+00	5.37E+00	1.52E-08	5.37E+00	5.38E+00	7.17E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
VF312TJ	2.76E-03	4.34E-01	0.00E+00	4.34E-01	0.00E+00	0.00E+00	2.85E-01	1.63E-07	1.29E-03	1.42E-02	0.00E+00	0.00E+00	7.64E-12	1.48E-10	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.84E-05	1.53E-02	6.06E+00	0.00E+00	6.66E-10	2.24E-08	3.57E-03	1.09E-05	8.09E-03	0.00E+00	6.06E+00	1.71E-08	6.06E+00	6.07E+00	8.09E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-03
VF312TM	2.66E-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	1.36E-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	3.70E-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
VF312TP	3.09E-03	4.87E-01	0.00E+00	4.87E-01	0.00E+00	0.00E+00	3.20E-01	1.83E-07	1.45E-03	1.59E-02	0.00E+00	0.00E+00	8.57E-12	1.66E-10	1.19E-03	0.00E+00	0.00E+00	0.00E+00	4.31E-05	1.71E-02	6.81E+00	0.00E+00	7.48E-10	2.51E-08	4.01E-03	1.22E-05	9.09E-03	0.00E+00	6.81E+00	1.92E-08	6.81E+00	6.81E+00	9.09E-03	0.00E+00	0.00E+00	0.00E+00	1.85E-03
VF312TR	3.15E-03	4.97E-01	0.00E+00	4.97E-01	0.00E+00	0.00E+00	3.26E-01	1.87E-07	1.47E-03	1.62E-02	0.00E+00	0.00E+00	8.74E-12	1.69E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-05	1.75E-02	6.93E+00	0.00E+00	7.62E-10	2.56E-08	4.08E-03	1.24E-05	9.27E-03	0.00E+00	6.93E+00	1.96E-08	6.93E+00	6.94E+00	9.27E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-03
VF312TS	2.96E-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	8.04E-12	1.55E-10	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.04E-05	1.61E-02	6.38E+00	0.00E+00	7.01E-10	2.36E-08	3.76E-03	1.14E-05	8.52E-03	0.00E+00	6.38E+00	1.80E-08	6.38E+00	6.39E+00	8.52E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VF312TY	3.15E-03	4.97E-01	0.00E+00	4.97E-01	0.00E+00	0.00E+00	3.26E-01	1.87E-07	1.47E-03	1.62E-02	0.00E+00	0.00E+00	8.74E-12	1.69E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-05	1.75E-02	6.93E+00	0.00E+00	7.62E-10	2.56E-08	4.08E-03	1.24E-05	9.27E-03	0.00E+00	6.93E+00	1.96E-08	6.93E+00	6.94E+00	9.27E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-03
VF318PD	3.80E-03	6.00E-01	0.00E+00	6.00E-01	0.00E+00	0.00E+00	3.93E-01	2.25E-07	1.78E-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	5.31E-05	2.11E-02	8.38E+00	0.00E+00	9.21E-10	3.09E-08	4.93E-03	1.50E-05	1.12E-02	0.00E+00	8.38E+00	2.36E-08	8.38E+00	8.39E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.28E-03
VF318PEH	3.44E-03	5.46E-01	0.00E+00	5.46E-01	0.00E+00	0.00E+00	3.58E-01	2.05E-07	1.62E-03	1.78E-02	0.00E+00	0.00E+00	9.61E-12	1.86E-10	1.33E-03	0.00E+00	0.00E+00	0.00E+00	4.83E-05	1.92E-02	7.62E+00	0.00E+00	8.38E-10	2.81E-08	4.49E-03	1.37E-05	1.02E-02	0.00E+00	7.62E+00	2.15E-08	7.62E+00	7.63E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
VF318PES	3.90E-03	6.15E-01	0.00E+00	6.15E-01	0.00E+00	0.00E+00	4.04E-01	2.31E-07	1.83E-03	2.01E-02	0.00E+00	0.00E+00	1.08E-11	2.10E-10	1.50E-03	0.00E+00	0.00E+00	0.00E+00	5.45E-05	2.16E-02	8.60E+00	0.00E+00	9.45E-10	3.17E-08	5.06E-03	1.54E-05	1.15E-02	0.00E+00	8.60E+00	2.43E-08	8.60E+00	8.61E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	2.34E-03
VF318PF	2.99E-03	4.72E-01	0.00E+00	4.72E-01	0.00E+00	0.00E+00	3.10E-01	1.77E-07	1.40E-03	1.54E-02	0.00E+00	0.00E+00	8.31E-12	1.61E-10	1.15E-03	0.00E+00	0.00E+00	0.00E+00	4.18E-05	1.66E-02	6.60E+00	0.00E+00	7.25E-10	2.44E-08	3.88E-03	1.18E-05	8.81E-03	0.00E+00	6.60E+00	1.86E-08	6.60E+00	6.60E+00	8.81E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-03
VF318PJ	3.38E-03	5.30E-01	0.00E+00	5.30E-01	0.00E+00	0.00E+00	3.48E-01	1.99E-07	1.58E-03	1.73E-02	0.00E+00	0.00E+00	9.34E-12	1.80E-10	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.69E-05	1.86E-02	7.41E+00	0.00E+00	8.14E-10	2.73E-08	4.36E-03	1.33E-05	9.89E-03	0.00E+00	7.41E+00	2.09E-08	7.41E+00	7.42E+00	9.89E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-03
VF318PM	3.80E-03	5.74E-01	0.00E+00	5.74E-01	0.00E+00	0.00E+00	3.76E-01	2.16E-07	1.71E-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	5.08E-05	2.02E-02	8.02E+00	0.00E+00	8.81E-10	2.96E-08	4.72E-03	1.44E-05	1.07E-02	0.00E+00	8.02E+00	2.26E-08	8.02E+00	8.03E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
VF318PP	4.02E-03	6.34E-01	0.00E+00	6.34E-01	0.00E+00	0.00E+00	4.16E-01	2.38E-07	1.88E-03	2.07E-02	0.00E+00	0.00E+00	1.12E-11	2.16E-10	1.55E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-05	2.23E-02	8.86E+00	0.00E+00	9.73E-10	3.27E-08	5.21E-03	1.59E-05	1.18E-02	0.00E+00	8.86E+00	2.50E-08	8.86E+00	8.87E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
VF318PS	3.95E-03	6.23E-01	0.00E+00	6.23E-01	0.00E+00	0.00E+00	4.09E-01	2.34E-07	1.85E-03	2.03E-02	0.00E+00	0.00E+00	1.10E-11	2.12E-10	1.52E-03	0.00E+00	0.00E+00	0.00E+00	5.52E-05	2.19E-02	8.71E+00	0.00E+00	9.57E-10	3.21E-08	5.13E-03	1.56E-05	1.16E-02	0.00E+00	8.71E+00	2.46E-08	8.71E+00	8.72E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
VF318PT	4.90E-03	7.72E-01	0.00E+00	7.72E-01	0.00E+00	0.00E+00	5.06E-01	2.90E-07	2.30E-03	2.52E-02	0.00E+00	0.00E+00	1.36E-11	2.63E-10	1.88E-03	0.00E+00	0.00E+00	0.00E+00	6.84E-05	2.71E-02	1.08E+01	0.00E+00	1.19E-09	3.98E-08	6.35E-03	1.93E-05	1.44E-02	0.00E+00	1.08E+01	3.04E-08	1.08E+01	1.08E+01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	2.94E-03
VF318PY	3.83E-03	6.02E-01	0.00E+00	6.02E-01	0.00E+00	0.00E+00	3.95E-01	2.26E-07	1.79E-03	1.96E-02	0.00E+00	0.00E+00	1.06E-11	2.05E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.33E-05	2.11E-02	8.41E+00	0.00E+00	9.24E-10	3.10E-08	4.95E-03	1.51E-05	1.12E-02	0.00E+00	8.41E+00	2.37E-08	8.41E+00	8.41E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03
VF318PZC	3.83E-03	6.02E-01	0.00E+00	6.02E-01	0.00E+00	0.00E+00	3.95E-01	2.26E-07	1.79E-03	1.96E-02	0.00E+00	0.00E+00	1.06E-11	2.05E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.33E-05	2.11E-02	8.41E+00	0.00E+00	9.24E-10	3.10E-08	4.95E-03	1.51E-05	1.12E-02	0.00E+00	8.41E+00	2.37E-08	8.41E+00	8.41E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03
VF318TA	3.71E-03	5.61E-01	0.00E+00	5.61E-01	0.00E+00	0.00E+00	3.68E-01	2.11E-07	1.67E-03	1.83E-02	0.00E+00	0.00E+00	9.87E-12	1.91E-10	1.37E-03	0.00E+00	0.00E+00	0.00E+00	4.96E-05	1.97E-02	7.83E+00	0.00E+00	8.60E-10	2.89E-08	4.61E-03	1.41E-05	1.05E-02	0.00E+00	7.83E+00	2.21E-08	7.83E+00	7.84E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
VF318TD	3.86E-03	6.08E-01	0.00E+00	6.08E-01	0.00E+00	0.00E+00	3.99E-01	2.29E-07	1.81E-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	5.39E-05	2.14E-02	8.50E+00	0.00E+00	9.34E-10	3.14E-08	5.00E-03	1.52E-05	1.13E-02	0.00E+00	8.50E+00	2.40E-08	8.50E+00	8.51E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-03
VF318TES	3.77E-03	5.68E-01	0.00E+00	5.68E-01	0.00E+00	0.00E+00	3.73E-01	2.13E-07	1.69E-03	1.85E-02	0.00E+00	0.00E+00	9.99E-12	1.93E-10	1.38E-03	0.00E+00	0.00E+00	0.00E+00	5.03E-05	2.00E-02	7.93E+00	0.00E+00	8.71E-10	2.93E-08	4.67E-03	1.42E-05	1.06E-02	0.00E+00	7.93E+00	2.24E-08	7.93E+00	7.94E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03
VF318TM	3.82E-03	5.98E-01	0.00E+00	5.98E-01	0.00E+00	0.00E+00	3.92E-01	2.25E-07	1.78E-03	1.95E-02	0.00E+00	0.00E+00	1.05E-11	2.04E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-05	2.10E-02	8.36E+00	0.00E+00	9.18E-10	3.08E-08	4.92E-03	1.50E-05	1.12E-02	0.00E+00	8.36E+00	2.36E-08	8.36E+00	8.37E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
VF318TP	3.57E-03	5.54E-01	0.00E+00	5.54E-01	0.00E+00	0.00E+00	3.63E-01	2.08E-07	1.65E-03	1.80E-02	0.00E+00	0.00E+00	9.75E-12	1.89E-10	1.35E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-05	1.95E-02	7.73E+00	0.00E+00	8.50E-10	2.86E-08	4.55E-03	1.39E-05	1.03E-02	0.00E+00	7.73E+00	2.18E-08	7.73E+00	7.74E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	2.10E-03
VF318TR	4.02E-03	6.33E-01	0.00E+00	6.33E-01	0.00E+00	0.00E+00	4.16E-01	2.38E-07	1.88E-03	2.07E-02	0.00E+00	0.00E+00	1.12E-11	2.16E-10	1.55E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-05	2.23E-02	8.85E+00	0.00E+00	9.73E-10	3.27E-08	5.21E-03	1.59E-05	1.18E-02	0.00E+00	8.85E+00	2.50E-08	8.85E+00	8.86E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
VF412PA	3.69E-03	5.72E-01	0.00E+00	5.72E-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
VF412PD	3.77E-03	5.94E-01	0.00E+00	5.94E-01	0.00E+00	0.00E+00	3.90E-01	2.23E-07	1.77E-03	1.94E-02	0.00E+00	0.00E+00	1.05E-11	2.02E-10	1.45E-03	0.00E+00	0.00E+00	0.00E+00	5.26E-05	2.09E-02	8.30E+00	0.00E+00	9.12E-10	3.06E-08	4.89E-03	1.49E-05	1.11E-02	0.00E+00	8.30E+00	2.34E-08	8.30E+00	8.31E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	2.26E-03
VF412PE	3.68E-03	5.81E-01	0.00E+00	5.81E-01	0.00E+00	0.00E+00	3.81E-01	2.18E-07	1.73E-03	1.89E-02	0.00E+00	0.00E+00	1.02E-11	1.98E-10	1.42E-03	0.00E+00	0.00E+00	0.00E+00	5.14E-05	2.04E-02	8.11E+00	0.00E+00	8.91E-10	2.99E-08	4.78E-03	1.45E-05	1.08E-02	0.00E+00	8.11E+00	2.29E-08	8.11E+00	8.12E+00	1.08E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
VF412PEB	1.68E-03	2.64E-01	0.00E+00	2.64E-01	0.00E+00	0.00E+00	1.73E-01	9.93E-08	7.85E-04	8.61E-03	0.00E+00	0.00E+00	4.65E-12	8.99E-11	6.44E-04	0.00E+00	0.00E+00	0.00E+00	2.34E-05	9.29E-03	3.69E+00	0.00E+00	4.05E-10	1.36E-08	2.17E-03	6.62E-06	4.93E-03	0.00E+00	3.69E+00	1.04E-08	3.69E+00	3.69E+00	4.93E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
VF412PEBH	1.68E-03	2.64E-01	0.00E+00	2.64E-01	0.00E+00	0.00E+00	1.73E-01	9.93E-08	7.85E-04	8.61E-03	0.00E+00	0.00E+00	4.65E-12	8.99E-11	6.44E-04	0.00E+00	0.00E+00	0.00E+00	2.34E-05	9.29E-03	3.69E+00	0.00E+00	4.05E-10	1.36E-08	2.17E-03	6.62E-06	4.93E-03	0.00E+00	3.69E+00	1.04E-08	3.69E+00	3.69E+00	4.93E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
VF412PEH	3.70E-03	5.72E-01	0.00E+00	5.72E-01	0.00E+00	0.00E+00	3.75E-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	7.99E+00	0.00E+00	8.79E-10	2.95E-08	4.71E-03	1.43E-05	1.07E-02	0.00E+00	7.99E+00	2.26E-08	7.99E+00	8.01E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
VF412PF	3.39E-03	5.29E-01	0.00E+00	5.29E-01	0.00E+00	0.00E+00	3.47E-01	1.99E-07	1.57E-03	1.72E-02	0.00E+00	0.00E+00	9.32E-12	1.80E-10	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.68E-05	1.86E-02	7.39E+00	0.00E+00	8.13E-10	2.73E-08	4.35E-03	1.32E-05	9.87E-03	0.00E+00	7.39E+00	2.09E-08	7.39E+00	7.40E+00	9.87E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-03
VF412PJ	3.80E-03	5.74E-01	0.00E+00	5.74E-01	0.00E+00	0.00E+00	3.76E-01	2.16E-07	1.71E-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	5.08E-05	2.02E-02	8.02E+00	0.00E+00	8.81E-10	2.96E-08	4.72E-03	1.44E-05	1.07E-02	0.00E+00	8.02E+00	2.26E-08	8.02E+00	8.03E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
VF412PM	3.81E-03	5.90E-01	0.00E+00	5.90E-01	0.00E+00	0.00E+00	3.87E-01	2.22E-07	1.75E-03	1.92E-02	0.00E+00	0.00E+00	1.04E-11	2.01E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.22E-05	2.07E-02	8.24E+00	0.00E+00	9.06E-10	3.04E-08	4.85E-03	1.48E-05	1.10E-02	0.00E+00	8.24E+00	2.33E-08	8.24E+00	8.25E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
VF412PP	4.08E-03	6.43E-01	0.00E+00	6.43E-01	0.00E+00	0.00E+00	4.22E-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	9.87E-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
VF412PR	4.02E-03	6.33E-01	0.00E+00	6.33E-01	0.00E+00	0.00E+00	4.16E-01	2.38E-07	1.88E-03	2.07E-02	0.00E+00	0.00E+00	1.12E-11	2.16E-10	1.55E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-05	2.23E-02	8.85E+00	0.00E+00	9.73E-10	3.27E-08	5.21E-03	1.59E-05	1.18E-02	0.00E+00	8.85E+00	2.50E-08	8.85E+00	8.86E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
VF412PS	3.88E-03	6.12E-01	0.00E+00	6.12E-01	0.00E+00	0.00E+00	4.01E-01	2.30E-07	1.82E-03	1.99E-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	8.54E+00	0.00E+00	9.39E-10	3.15E-08	5.03E-03	1.53E-05	1.14E-02	0.00E+00	8.54E+00	2.41E-08	8.54E+00	8.56E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03
VF412PT	4.58E-03	7.22E-01	0.00E+00	7.22E-01	0.00E+00	0.00E+00	4.73E-01	2.71E-07	2.15E-03	2.35E-02	0.00E+00	0.00E+00	1.27E-11	2.46E-10	1.76E-03	0.00E+00	0.00E+00	0.00E+00	6.39E-05	2.54E-02	1.01E+01	0.00E+00	1.11E-09	3.72E-08	5.94E-03	1.81E-05	1.35E-02	0.00E+00	1.01E+01	2.85E-08	1.01E+01	1.01E+01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
VF412PY	4.06E-03	6.40E-01	0.00E+00	6.40E-01	0.00E+00	0.00E+00	4.20E-01	2.40E-07	1.90E-03	2.09E-02	0.00E+00	0.00E+00	1.13E-11	2.18E-10	1.56E-03	0.00E+00	0.00E+00	0.00E+00	5.67E-05	2.25E-02	8.94E+00	0.00E+00	9.82E-10	3.30E-08	5.26E-03	1.60E-05	1.19E-02	0.00E+00	8.94E+00	2.52E-08	8.94E+00	8.95E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
VF412PZC	4.06E-03	6.40E-01	0.00E+00	6.40E-01	0.00E+00	0.00E+00	4.20E-01	2.40E-07	1.90E-03	2.09E-02	0.00E+00	0.00E+00	1.13E-11	2.18E-10	1.56E-03	0.00E+00	0.00E+00	0.00E+00	5.67E-05	2.25E-02	8.94E+00	0.00E+00	9.82E-10	3.30E-08	5.26E-03	1.60E-05	1.19E-02	0.00E+00	8.94E+00	2.52E-08	8.94E+00	8.95E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
VF412TA	3.80E-03	5.75E-01	0.00E+00	5.75E-01	0.00E+00	0.00E+00	3.77E-01	2.16E-07	1.71E-03	1.88E-02	0.00E+00	0.00E+00	1.01E-11	1.96E-10	1.40E-03	0.00E+00	0.00E+00	0.00E+00	5.10E-05	2.02E-02	8.04E+00	0.00E+00	8.83E-10	2.97E-08	4.73E-03	1.44E-05	1.07E-02	0.00E+00	8.04E+00	2.27E-08	8.04E+00	8.05E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	2.19E-03
VF412TD	3.82E-03	5.92E-01	0.00E+00	5.92E-01	0.00E+00	0.00E+00	3.89E-01	2.22E-07	1.76E-03	1.93E-02	0.00E+00	0.00E+00	1.04E-11	2.02E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.08E-02	8.28E+00	0.00E+00	9.09E-10	3.05E-08	4.87E-03	1.48E-05	1.10E-02	0.00E+00	8.28E+00	2.34E-08	8.28E+00	8.29E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.25E-03
VF412TE	3.83E-03	5.80E-01	0.00E+00	5.80E-01	0.00E+00	0.00E+00	3.81E-01	2.18E-07	1.72E-03	1.89E-02	0.00E+00	0.00E+00	1.02E-11	1.98E-10	1.42E-03	0.00E+00	0.00E+00	0.00E+00	5.14E-05	2.04E-02	8.11E+00	0.00E+00	8.91E-10	2.99E-08	4.77E-03	1.45E-05	1.08E-02	0.00E+00	8.11E+00	2.29E-08	8.11E+00	8.12E+00	1.08E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
VF412TF	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	1.71E-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	8.07E-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	7.35E+00	9.81E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-03
VF412TJ	3.81E-03	5.90E-01	0.00E+00	5.90E-01	0.00E+00	0.00E+00	3.87E-01	2.22E-07	1.75E-03	1.92E-02	0.00E+00	0.00E+00	1.04E-11	2.01E-10	1.44E-03	0.00E+00	0.00E+00	0.00E+00	5.22E-05	2.07E-02	8.24E+00	0.00E+00	9.06E-10	3.04E-08	4.85E-03	1.48E-05	1.10E-02	0.00E+00	8.24E+00	2.33E-08	8.24E+00	8.25E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
VF412TM	3.82E-03	5.98E-01	0.00E+00	5.98E-01	0.00E+00	0.00E+00	3.92E-01	2.25E-07	1.78E-03	1.95E-02	0.00E+00	0.00E+00	1.05E-11	2.04E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-05	2.10E-02	8.36E+00	0.00E+00	9.18E-10	3.08E-08	4.92E-03	1.50E-05	1.12E-02	0.00E+00	8.36E+00	2.36E-08	8.36E+00	8.37E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
VF412TP	4.06E-03	6.40E-01	0.00E+00	6.40E-01	0.00E+00	0.00E+00	4.20E-01	2.40E-07	1.90E-03	2.09E-02	0.00E+00	0.00E+00	1.13E-11	2.18E-10	1.56E-03	0.00E+00	0.00E+00	0.00E+00	5.67E-05	2.25E-02	8.94E+00	0.00E+00	9.82E-10	3.30E-08	5.26E-03	1.60E-05	1.19E-02	0.00E+00	8.94E+00	2.52E-08	8.94E+00	8.95E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
VF412TR	4.02E-03	6.34E-01	0.00E+00	6.34E-01	0.00E+00	0.00E+00	4.16E-01	2.38E-07	1.89E-03	2.07E-02	0.00E+00	0.00E+00	1.12E-11	2.16E-10	1.55E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-05	2.23E-02	8.86E+00	0.00E+00	9.74E-10	3.27E-08	5.22E-03	1.59E-05	1.18E-02	0.00E+00	8.86E+00	2.50E-08	8.86E+00	8.87E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
VF412TS	4.04E-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	5.51E-05	2.19E-02	8.69E+00	0.00E+00	9.55E-10	3.21E-08	5.11E-03	1.56E-05	1.16E-02	0.00E+00	8.69E+00	2.45E-08	8.69E+00	8.70E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
VF418PA	4.78E-03	7.52E-01	0.00E+00	7.52E-01	0.00E+00	0.00E+00	4.93E-01	2.82E-07	2.24E-03	2.45E-02	0.00E+00	0.00E+00	1.32E-11	2.56E-10	1.83E-03	0.00E+00	0.00E+00	0.00E+00	6.66E-05	2.64E-02	1.05E+01	0.00E+00	1.15E-09	3.88E-08	6.18E-03	1.88E-05	1.40E-02	0.00E+00	1.05E+01	2.97E-08	1.05E+01	1.05E+01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.86E-03
VF418PD	4.62E-03	7.28E-01	0.00E+00	7.28E-01	0.00E+00	0.00E+00	4.77E-01	2.73E-07	2.16E-03	2.37E-02	0.00E+00	0.00E+00	1.28E-11	2.48E-10	1.78E-03	0.00E+00	0.00E+00	0.00E+00	6.44E-05	2.56E-02	1.02E+01	0.00E+00	1.12E-09	3.75E-08	5.99E-03	1.82E-05	1.36E-02	0.00E+00	1.02E+01	2.87E-08	1.02E+01	1.02E+01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	2.77E-03
VF418PEH	4.86E-03	7.66E-01	0.00E+00	7.66E-01	0.00E+00	0.00E+00	5.02E-01	2.88E-07	2.27E-03	2.50E-02	0.00E+00	0.00E+00	1.35E-11	2.60E-10	1.87E-03	0.00E+00	0.00E+00	0.00E+00	6.78E-05	2.69E-02	1.07E+01	0.00E+00	1.18E-09	3.94E-08	6.30E-03	1.92E-05	1.43E-02	0.00E+00	1.07E+01	3.02E-08	1.07E+01	1.07E+01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	2.91E-03
VF418PES	4.75E-03	7.49E-01	0.00E+00	7.49E-01	0.00E+00	0.00E+00	4.91E-01	2.81E-07	2.23E-03	2.44E-02	0.00E+00	0.00E+00	1.32E-11	2.55E-10	1.83E-03	0.00E+00	0.00E+00	0.00E+00	6.63E-05	2.63E-02	1.05E+01	0.00E+00	1.15E-09	3.86E-08	6.16E-03	1.88E-05	1.40E-02	0.00E+00	1.05E+01	2.95E-08	1.05E+01	1.05E+01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.85E-03
VF418PF	4.31E-03	6.74E-01	0.00E+00	6.74E-01	0.00E+00	0.00E+00	4.42E-01	2.53E-07	2.00E-03	2.20E-02	0.00E+00	0.00E+00	1.19E-11	2.30E-10	1.64E-03	0.00E+00	0.00E+00	0.00E+00	5.97E-05	2.37E-02	9.42E+00	0.00E+00	1.03E-09	3.48E-08	5.55E-03	1.69E-05	1.26E-02	0.00E+00	9.42E+00	2.66E-08	9.42E+00	9.43E+00	1.26E-02	0.00E+00	0.00E+00	0.00E+00	2.57E-03
VF418PJ	4.29E-03	6.72E-01	0.00E+00	6.72E-01	0.00E+00	0.00E+00	4.41E-01	2.52E-07	2.00E-03	2.19E-02	0.00E+00	0.00E+00	1.18E-11	2.29E-10	1.64E-03	0.00E+00	0.00E+00	0.00E+00	5.96E-05	2.36E-02	9.40E+00	0.00E+00	1.03E-09	3.47E-08	5.53E-03	1.68E-05	1.25E-02	0.00E+00	9.40E+00	2.65E-08	9.40E+00	9.41E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	2.56E-03
VF418PM	4.77E-03	7.51E-01	0.00E+00	7.51E-01	0.00E+00	0.00E+00	4.93E-01	2.82E-07	2.23E-03	2.45E-02	0.00E+00	0.00E+00	1.32E-11	2.55E-10	1.83E-03	0.00E+00	0.00E+00	0.00E+00	6.65E-05	2.64E-02	1.05E+01	0.00E+00	1.15E-09	3.87E-08	6.17E-03	1.88E-05	1.40E-02	0.00E+00	1.05E+01	2.96E-08	1.05E+01	1.05E+01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.86E-03
VF418PP	4.96E-03	7.82E-01	0.00E+00	7.82E-01	0.00E+00	0.00E+00	5.13E-01	2.94E-07	2.32E-03	2.55E-02	0.00E+00	0.00E+00	1.38E-11	2.66E-10	1.91E-03	0.00E+00	0.00E+00	0.00E+00	6.92E-05	2.75E-02	1.09E+01	0.00E+00	1.20E-09	4.03E-08	6.43E-03	1.96E-05	1.46E-02	0.00E+00	1.09E+01	3.08E-08	1.09E+01	1.09E+01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	2.97E-03
VF418PR	5.25E-03	8.17E-01	0.00E+00	8.17E-01	0.00E+00	0.00E+00	5.36E-01	3.07E-07	2.43E-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	7.23E-05	2.87E-02	1.14E+01	0.00E+00	1.25E-09	4.21E-08	6.72E-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	3.11E-03
VF418PS	4.81E-03	7.58E-01	0.00E+00	7.58E-01	0.00E+00	0.00E+00	4.97E-01	2.85E-07	2.25E-03	2.47E-02	0.00E+00	0.00E+00	1.33E-11	2.58E-10	1.85E-03	0.00E+00	0.00E+00	0.00E+00	6.71E-05	2.66E-02	1.06E+01	0.00E+00	1.16E-09	3.91E-08	6.23E-03	1.90E-05	1.41E-02	0.00E+00	1.06E+01	2.99E-08	1.06E+01	1.06E+01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	2.88E-03
VF418PY	5.42E-03	8.19E-01	0.00E+00	8.19E-01	0.00E+00	0.00E+00	5.38E-01	3.08E-07	2.44E-03	2.67E-02	0.00E+00	0.00E+00	1.44E-11	2.79E-10	2.00E-03	0.00E+00	0.00E+00	0.00E+00	7.26E-05	2.88E-02	1.14E+01	0.00E+00	1.26E-09	4.23E-08	6.74E-03	2.05E-05	1.53E-02	0.00E+00	1.14E+01	3.23E-08	1.14E+01	1.15E+01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	3.12E-03
VF418PZC	3.84E-03	6.06E-01	0.00E+00	6.06E-01	0.00E+00	0.00E+00	3.97E-01	2.27E-07	1.80E-03	1.97E-02	0.00E+00	0.00E+00	1.07E-11	2.06E-10	1.48E-03	0.00E+00	0.00E+00	0.00E+00	5.36E-05	2.13E-02	8.46E+00	0.00E+00	9.30E-10	3.12E-08	4.98E-03	1.52E-05	1.13E-02	0.00E+00	8.46E+00	2.39E-08	8.46E+00	8.47E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	2.30E-03
VF418TA	5.10E-03	8.03E-01	0.00E+00	8.03E-01	0.00E+00	0.00E+00	5.28E-01	3.02E-07	2.39E-03	2.62E-02	0.00E+00	0.00E+00	1.42E-11	2.73E-10	1.96E-03	0.00E+00	0.00E+00	0.00E+00	7.12E-05	2.83E-02	1.12E+01	0.00E+00	1.23E-09	4.15E-08	6.61E-03	2.01E-05	1.50E-02	0.00E+00	1.12E+01	3.17E-08	1.12E+01	1.12E+01	1.50E-02	0.00E+00	0.00E+00	0.00E+00	3.06E-03
VF418TD	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	1.80E-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	3.81E-08	6.08E-03	1.85E-05	1.38E-02	0.00E+00	1.03E+01	2.92E-08	1.03E+01	1.03E+01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	2.81E-03
VF418TES	5.01E-03	7.90E-01	0.00E+00	7.90E-01	0.00E+00	0.00E+00	5.18E-01	2.96E-07	2.35E-03	2.57E-02	0.00E+00	0.00E+00	1.39E-11	2.69E-10	1.93E-03	0.00E+00	0.00E+00	0.00E+00	6.99E-05	2.77E-02	1.10E+01	0.00E+00	1.21E-09	4.07E-08	6.49E-03	1.98E-05	1.47E-02	0.00E+00	1.10E+01	3.11E-08	1.10E+01	1.10E+01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	3.00E-03
VF418TF	4.52E-03	6.96E-01	0.00E+00	6.96E-01	0.00E+00	0.00E+00	4.58E-01	2.61E-07	2.07E-03	2.27E-02	0.00E+00	0.00E+00	1.22E-11	2.38E-10	1.70E-03	0.00E+00	0.00E+00	0.00E+00	6.18E-05	2.45E-02	9.76E+00	0.00E+00	1.07E-09	3.60E-08	5.74E-03	1.75E-05	1.30E-02	0.00E+00	9.76E+00	2.75E-08	9.76E+00	9.76E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	2.66E-03
VF418TJ	4.54E-03	6.92E-01	0.00E+00	6.92E-01	0.00E+00	0.00E+00	4.54E-01	2.60E-07	2.06E-03	2.26E-02	0.00E+00	0.00E+00	1.22E-11	2.36E-10	1.69E-03	0.00E+00	0.00E+00	0.00E+00	6.13E-05	2.43E-02	9.68E+00	0.00E+00	1.06E-09	3.57E-08	5.70E-03	1.73E-05	1.29E-02	0.00E+00	9.68E+00	2.73E-08	9.68E+00	9.68E+00	1.29E-02	0.00E+00	0.00E+00	0.00E+00	2.63E-03
VF418TM	4.78E-03	7.53E-01	0.00E+00	7.53E-01	0.00E+00	0.00E+00	4.94E-01	2.83E-07	2.24E-03	2.45E-02	0.00E+00	0.00E+00	1.32E-11	2.56E-10	1.84E-03	0.00E+00	0.00E+00	0.00E+00	6.66E-05	2.65E-02	1.05E+01	0.00E+00	1.16E-09	3.88E-08	6.19E-03	1.88E-05	1.40E-02	0.00E+00	1.05E+01	2.97E-08	1.05E+01	1.05E+01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.86E-03
VF418TP	5.42E-03	8.19E-01	0.00E+00	8.19E-01	0.00E+00	0.00E+00	5.38E-01	3.08E-07	2.44E-03	2.67E-02	0.00E+00	0.00E+00	1.44E-11	2.79E-10	2.00E-03	0.00E+00	0.00E+00	0.00E+00	7.26E-05	2.88E-02	1.14E+01	0.00E+00	1.26E-09	4.23E-08	6.74E-03	2.05E-05	1.53E-02	0.00E+00	1.14E+01	3.23E-08	1.14E+01	1.15E+01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	3.12E-03
VF418TR	5.25E-03	8.17E-01	0.00E+00	8.17E-01	0.00E+00	0.00E+00	5.36E-01	3.07E-07	2.43E-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	7.23E-05	2.87E-02	1.14E+01	0.00E+00	1.25E-09	4.21E-08	6.72E-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	3.11E-03
VF418TS	4.86E-03	7.66E-01	0.00E+00	7.66E-01	0.00E+00	0.00E+00	5.02E-01	2.88E-07	2.27E-03	2.50E-02	0.00E+00	0.00E+00	1.35E-11	2.60E-10	1.87E-03	0.00E+00	0.00E+00	0.00E+00	6.78E-05	2.69E-02	1.07E+01	0.00E+00	1.18E-09	3.94E-08	6.30E-03	1.92E-05	1.43E-02	0.00E+00	1.07E+01	3.02E-08	1.07E+01	1.07E+01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	2.91E-03
VH12AT	2.84E-03	4.43E-01	0.00E+00	4.43E-01	0.00E+00	0.00E+00	2.90E-01	1.66E-07	1.32E-03	1.44E-02	0.00E+00	0.00E+00	7.79E-12	1.51E-10	1.08E-03	0.00E+00	0.00E+00	0.00E+00	3.92E-05	1.56E-02	6.18E+00	0.00E+00	6.80E-10	2.28E-08	3.64E-03	1.11E-05	8.25E-03	0.00E+00	6.18E+00	1.75E-08	6.18E+00	6.19E+00	8.25E-03	0.00E+00	0.00E+00	0.00E+00	1.68E-03

VH12DKN	2.78E-03	4.38E-01	0.00E+00	4.38E-01	0.00E+00	0.00E+00	2.88E-01	1.65E-07	1.30E-03	1.43E-02	0.00E+00	0.00E+00	7.71E-12	1.49E-10	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-05	1.54E-02	6.12E+00	0.00E+00	6.73E-10	2.26E-08	3.60E-03	1.10E-05	8.17E-03	0.00E+00	6.12E+00	1.73E-08	6.12E+00	6.13E+00	8.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
VH12EP	2.90E-03	4.42E-01	0.00E+00	4.42E-01	0.00E+00	0.00E+00	2.90E-01	1.66E-07	1.31E-03	1.44E-02	0.00E+00	0.00E+00	7.78E-12	1.51E-10	1.08E-03	0.00E+00	0.00E+00	0.00E+00	3.92E-05	1.55E-02	6.18E+00	0.00E+00	6.79E-10	2.28E-08	3.64E-03	1.11E-05	8.25E-03	0.00E+00	6.18E+00	1.74E-08	6.18E+00	6.19E+00	8.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
VH12ET	2.67E-03	4.21E-01	0.00E+00	4.21E-01	0.00E+00	0.00E+00	2.76E-01	1.58E-07	1.25E-03	1.37E-02	0.00E+00	0.00E+00	7.41E-12	1.43E-10	1.03E-03	0.00E+00	0.00E+00	0.00E+00	3.73E-05	1.48E-02	5.88E+00	0.00E+00	6.47E-10	2.17E-08	3.47E-03	1.05E-05	7.85E-03	0.00E+00	5.88E+00	1.66E-08	5.88E+00	5.89E+00	7.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
VH12NA	2.80E-03	4.42E-01	0.00E+00	4.42E-01	0.00E+00	0.00E+00	2.90E-01	1.66E-07	1.31E-03	1.44E-02	0.00E+00	0.00E+00	7.77E-12	1.50E-10	1.08E-03	0.00E+00	0.00E+00	0.00E+00	3.91E-05	1.55E-02	6.17E+00	0.00E+00	6.78E-10	2.28E-08	3.63E-03	1.11E-05	8.23E-03	0.00E+00	6.17E+00	1.74E-08	6.17E+00	6.18E+00	8.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
VH12NC	2.90E-03	4.58E-01	0.00E+00	4.58E-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	1.15E-05	8.53E-03	0.00E+00	6.39E+00	1.80E-08	6.39E+00	6.40E+00	8.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VH12NE	2.90E-03	4.58E-01	0.00E+00	4.58E-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	8.06E-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	7.03E-10	2.36E-08	3.77E-03	1.15E-05	8.53E-03	0.00E+00	6.39E+00	1.80E-08	6.39E+00	6.40E+00	8.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VH12NK	9.87E-04	1.51E-01	0.00E+00	1.51E-01	0.00E+00	0.00E+00	9.89E-02	5.66E-08	4.49E-04	4.92E-03	0.00E+00	0.00E+00	2.66E-12	5.14E-11	3.68E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-05	5.30E-03	2.11E+00	0.00E+00	2.32E-10	7.79E-09	1.24E-03	3.78E-06	2.81E-03	0.00E+00	2.11E+00	5.95E-09	2.11E+00	2.11E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
VH12NN	2.91E-03	4.59E-01	0.00E+00	4.59E-01	0.00E+00	0.00E+00	3.01E-01	1.72E-07	1.36E-03	1.50E-02	0.00E+00	0.00E+00	8.08E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.06E-05	1.61E-02	6.41E+00	0.00E+00	7.05E-10	2.37E-08	3.78E-03	1.15E-05	8.56E-03	0.00E+00	6.41E+00	1.81E-08	6.41E+00	6.42E+00	8.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
VH24AT	3.81E-03	6.01E-01	0.00E+00	6.01E-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	1.47E-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	0.00E+00	2.28E-03
VH24DKN	3.80E-03	5.99E-01	0.00E+00	5.99E-01	0.00E+00	0.00E+00	3.93E-01	2.25E-07	1.78E-03	1.95E-02	0.00E+00	0.00E+00	1.05E-11	2.04E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-05	2.11E-02	8.37E+00	0.00E+00	9.20E-10	3.09E-08	4.93E-03	1.50E-05	1.12E-02	0.00E+00	8.37E+00	2.36E-08	8.37E+00	8.38E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
VH24EP	3.80E-03	6.00E-01	0.00E+00	6.00E-01	0.00E+00	0.00E+00	3.94E-01	2.25E-07	1.78E-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	5.31E-05	2.11E-02	8.38E+00	0.00E+00	9.21E-10	3.09E-08	4.94E-03	1.50E-05	1.12E-02	0.00E+00	8.38E+00	2.37E-08	8.38E+00	8.39E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
VH24ET	3.76E-03	5.70E-01	0.00E+00	5.70E-01	0.00E+00	0.00E+00	3.75E-01	2.13E-07	1.70E-03	1.86E-02	0.00E+00	0.00E+00	1.00E-11	1.94E-10	1.39E-03	0.00E+00	0.00E+00	0.00E+00	5.06E-05	2.00E-02	7.94E+00	0.00E+00	8.72E-10	2.95E-08	4.68E-03	1.43E-05	1.06E-02	0.00E+00	7.94E+00	2.24E-08	7.94E+00	7.95E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
VH24NA	3.82E-03	6.03E-01	0.00E+00	6.03E-01	0.00E+00	0.00E+00	3.95E-01	2.26E-07	1.79E-03	1.97E-02	0.00E+00	0.00E+00	1.06E-11	2.05E-10	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.34E-05	2.12E-02	8.42E+00	0.00E+00	9.25E-10	3.11E-08	4.96E-03	1.51E-05	1.12E-02	0.00E+00	8.42E+00	2.38E-08	8.42E+00	8.43E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
VH24NC	3.98E-03	6.28E-01	0.00E+00	6.28E-01	0.00E+00	0.00E+00	4.12E-01	2.36E-07	1.87E-03	2.05E-02	0.00E+00	0.00E+00	1.11E-11	2.14E-10	1.53E-03	0.00E+00	0.00E+00	0.00E+00	5.56E-05	2.21E-02	8.78E+00	0.00E+00	9.64E-10	3.24E-08	5.17E-03	1.57E-05	1.17E-02	0.00E+00	8.78E+00	2.48E-08	8.78E+00	8.79E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
VH24NE	3.92E-03	6.18E-01	0.00E+00	6.18E-01	0.00E+00	0.00E+00	4.06E-01	2.32E-07	1.84E-03	2.02E-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	8.64E+00	0.00E+00	9.49E-10	3.19E-08	5.09E-03	1.55E-05	1.15E-02	0.00E+00	8.64E+00	2.44E-08	8.64E+00	8.65E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
VH24NK	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	6.29E-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	6.78E-03	2.69E+00	0.00E+00	2.96E-10	9.95E-09	1.59E-03	4.83E-06	3.59E-03	0.00E+00	2.69E+00	7.60E-09	2.69E+00	2.70E+00	3.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04
VH24NN	3.97E-03	6.27E-01	0.00E+00	6.27E-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	5.55E-05	2.20E-02	8.75E+00	0.00E+00	9.62E-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	0.00E+00	2.38E-03
VH24NWB	3.32E-03	5.23E-01	0.00E+00	5.23E-01	0.00E+00	0.00E+00	3.43E-01	1.97E-07	1.56E-03	1.71E-02	0.00E+00	0.00E+00	9.21E-12	1.78E-10	1.28E-03	0.00E+00	0.00E+00	0.00E+00	4.63E-05	1.84E-02	7.31E+00	0.00E+00	8.03E-10	2.70E-08	4.30E-03	1.31E-05	9.76E-03	0.00E+00	7.31E+00	2.06E-08	7.31E+00	7.32E+00	9.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
VH36AT	5.16E-03	8.20E-01	0.00E+00	8.20E-01	0.00E+00	0.00E+00	5.37E-01	3.08E-07	2.44E-03	2.67E-02	0.00E+00	0.00E+00	1.44E-11	2.79E-10	2.00E-03	0.00E+00	0.00E+00	0.00E+00	7.26E-05	2.88E-02	1.15E+01	0.00E+00	1.26E-09	4.23E-08	6.74E-03	2.05E-05	1.53E-02	0.00E+00	1.15E+01	3.23E-08	1.15E+01	1.15E+01	1.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03
VH36DKN	4.68E-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	1.80E-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	3.81E-08	6.09E-03	1.85E-05	1.38E-02	0.00E+00	1.03E+01	2.92E-08	1.03E+01	1.03E+01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
VH36EP	4.77E-03	7.53E-01	0.00E+00	7.53E-01	0.00E+00	0.00E+00	4.94E-01	2.83E-07	2.24E-03	2.46E-02	0.00E+00	0.00E+00	1.32E-11	2.56E-10	1.84E-03	0.00E+00	0.00E+00	0.00E+00	6.67E-05	2.65E-02	1.05E+01	0.00E+00	1.16E-09	3.88E-08	6.19E-03	1.88E-05	1.40E-02	0.00E+00	1.05E+01	2.97E-08	1.05E+01	1.05E+01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
VH36ET	4.45E-03	6.89E-01	0.00E+00	6.89E-01	0.00E+00	0.00E+00	4.51E-01	2.59E-07	2.04E-03	2.24E-02	0.00E+00	0.00E+00	1.22E-11	2.34E-10	1.68E-03	0.00E+00	0.00E+00	0.00E+00	6.08E-05	2.42E-02	9.61E+00	0.00E+00	1.05E-09	3.55E-08	5.65E-03	1.72E-05	1.28E-02	0.00E+00	9.61E+00	2.70E-08	9.61E+00	9.59E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
VH36NA	4.58E-03	7.23E-01	0.00E+00	7.23E-01	0.00E+00	0.00E+00	4.74E-01	2.71E-07	2.15E-03	2.36E-02	0.00E+00	0.00E+00	1.27E-11	2.46E-10	1.76E-03	0.00E+00	0.00E+00	0.00E+00	6.40E-05	2.54E-02	1.01E+01	0.00E+00	1.11E-09	3.73E-08	5.94E-03	1.81E-05	1.35E-02	0.00E+00	1.01E+01	2.85E-08	1.01E+01	1.01E+01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
VH36NC	4.98E-03	7.85E-01	0.00E+00	7.85E-01	0.00E+00	0.00E+00	5.15E-01	2.95E-07	2.33E-03	2.56E-02	0.00E+00	0.00E+00	1.38E-11	2.67E-10	1.91E-03	0.00E+00	0.00E+00	0.00E+00	6.95E-05	2.76E-02	1.10E+01	0.00E+00	1.20E-09	4.05E-08	6.46E-03	1.96E-05	1.46E-02	0.00E+00	1.10E+01	3.09E-08	1.10E+01	1.10E+01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
VH36NCT	3.77E-03	5.75E-01	0.00E+00	5.75E-01	0.00E+00	0.00E+00	3.78E-01	2.16E-07	1.71E-03	1.88E-02	0.00E+00	0.00E+00	1.01E-11	1.96E-10	1.40E-03	0.00E+00	0.00E+00	0.00E+00	5.10E-05	2.02E-02	8.03E+00	0.00E+00	8.82E-10	2.98E-08	4.73E-03	1.44E-05	1.07E-02	0.00E+00	8.03E+00	2.27E-08	8.03E+00	8.04E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
VH36NE	4.76E-03	7.50E-01	0.00E+00	7.50E-01	0.00E+00	0.00E+00	4.92E-01	2.82E-07	2.23E-03	2.45E-02	0.00E+00	0.00E+00	1.32E-11	2.55E-10	1.83E-03	0.00E+00	0.00E+00	0.00E+00	6.64E-05	2.64E-02	1.05E+01	0.00E+00	1.15E-09	3.87E-08	6.17E-03	1.88E-05	1.40E-02	0.00E+00	1.05E+01	2.96E-08	1.05E+01	1.05E+01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03
VH36NK	1.45E-03	2.28E-01	0.00E+00	2.28E-01	0.00E+00	0.00E+00	1.50E-01	8.57E-08	6.78E-04	7.44E-03	0.00E+00	0.00E+00	4.01E-12	7.76E-11	5.56E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	8.02E-03	3.19E+00	0.00E+00	3.50E-10	1.18E-08	1.88E-03	5.71E-06	4.25E-03	0.00E+00	3.19E+00	8.99E-09	3.19E+00	3.19E+00	4.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-04
VH36NKM	1.81E-03	2.81E-01	0.00E+00	2.81E-01	0.00E+00	0.00E+00	1.84E-01	1.06E-07	8.36E-04	9.17E-03	0.00E+00	0.00E+00	4.95E-12	9.57E-11	6.86E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	9.89E-03	3.93E+00	0.00E+00	4.32E-10	1.45E-08	2.31E-03	7.05E-06	5.24E-03	0.00E+00	3.93E+00	1.11E-08	3.93E+00	3.93E+00	5.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
VH36NN	4.81E-03	7.58E-01	0.00E+00	7.58E-01	0.00E+00	0.00E+00	4.97E-01	2.85E-07	2.25E-03	2.47E-02	0.00E+00	0.00E+00	1.33E-11	2.58E-10	1.85E-03	0.00E+00	0.00E+00	0.00E+00	6.71E-05	2.67E-02	1.06E+01	0.00E+00	1.16E-09	3.91E-08	6.24E-03	1.90E-05	1.41E-02	0.00E+00	1.06E+01	2.99E-08	1.06E+01	1.06E+01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
VH36NW	4.69E-03	7.39E-01	0.00E+00	7.39E-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	1.80E-03	0.00E+00	0.00E+00	0.00E+00	6.55E-05	2.60E-02	1.03E+01	0.00E+00	1.13E-09	3.81E-08	6.08E-03	1.85E-05	1.38E-02	0.00E+00	1.03E+01	2.91E-08	1.03E+01	1.03E+01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
VH36NWB	3.90E-03	6.13E-01	0.00E+00	6.13E-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	1.50E-03	0.00E+00	0.00E+00	0.00E+00	5.43E-05	2.16E-02	8.57E+00	0.00E+00	9.41E-10	3.16E-08	5.04E-03	1.53E-05	1.14E-02	0.00E+00	8.57E+00	2.42E-08	8.57E+00	8.58E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
VH36NWP	4.62E-03	7.31E-01	0.00E+00	7.31E-01	0.00E+00	0.00E+00	4.79E-01	2.74E-07	2.17E-03	2.38E-02	0.00E+00	0.00E+00	1.28E-11	2.49E-10	1.78E-03	0.00E+00	0.00E+00	0.00E+00	6.47E-05	2.57E-02	1.02E+01	0.00E+00	1.12E-09	3.77E-08	6.01E-03	1.83E-05	1.36E-02	0.00E+00	1.02E+01	2.88E-08	1.02E+01	1.02E+01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03
VH36WWH	4.05E-03	6.39E-01	0.00E+00	6.39E-01	0.00E+00	0.00E+00	4.19E-01	2.40E-07	1.90E-03	2.08E-02	0.00E+00	0.00E+00	1.12E-11	2.18E-10	1.56E-03	0.00E+00	0.00E+00	0.00E+00	5.66E-05	2.25E-02	8.93E+00	0.00E+00	9.81E-10	3.29E-08	5.26E-03	1.60E-05	1.19E-02	0.00E+00	8.93E+00	2.52E-08	8.93E+00	8.94E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
VH48AT	5.67E-03	8.93E-01	0.00E+00	8.93E-01	0.00E+00	0.00E+00	5.86E-01	3.36E-07	2.66E-03	2.91E-02	0.00E+00	0.00E+00	1.57E-11	3.04E-10	2.18E-03	0.00E+00	0.00E+00	0.00E+00	7.91E-05	3.14E-02	1.25E+01	0.00E+00	1.37E-09	4.61E-08	7.35E-03	2.24E-05	1.67E-02	0.00E+00	1.25E+01	3.52E-08	1.25E+01	1.25E+01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
VH48DKN	5.68E-03	8.95E-01	0.00E+00	8.95E-01	0.00E+00	0.00E+00	5.87E-01	3.36E-07	2.66E-03	2.92E-02	0.00E+00	0.00E+00	1.57E-11	3.05E-10	2.18E-03	0.00E+00	0.00E+00	0.00E+00	7.92E-05	3.15E-02	1.25E+01	0.00E+00	1.37E-09	4.62E-08	7.36E-03	2.24E-05	1.67E-02	0.00E+00	1.25E+01	3.53E-08	1.25E+01	1.25E+01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
VH48EP	5.63E-03	8.87E-01	0.00E+00	8.87E-01	0.00E+00	0.00E+00	5.82E-01	3.33E-07	2.64E-03	2.89E-02	0.00E+00	0.00E+00	1.56E-11	3.02E-10	2.16E-03	0.00E+00	0.00E+00	0.00E+00	7.85E-05	3.12E-02	1.24E+01	0.00E+00	1.36E-09	4.58E-08	7.30E-03	2.22E-05	1.65E-02	0.00E+00	1.24E+01	3.50E-08	1.24E+01	1.24E+01	1.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
VH48ET	5.69E-03	8.92E-01	0.00E+00	8.92E-01	0.00E+00	0.00E+00	5.85E-01	3.35E-07	2.65E-03	2.91E-02	0.00E+00	0.00E+00	1.57E-11	3.04E-10	2.18E-03	0.00E+00	0.00E+00	0.00E+00	7.90E-05	3.14E-02	1.25E+01	0.00E+00	1.37E-09	4.60E-08	7.33E-03	2.24E-05	1.66E-02	0.00E+00	1.25E+01	3.52E-08	1.25E+01	1.25E+01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
VH48MMV	5.40E-03	8.48E-01	0.00E+00	8.48E-01	0.00E+00	0.00E+00	5.55E-01	3.18E-07	2.52E-03	2.77E-02	0.00E+00	0.00E+00	1.49E-11	2.88E-10	2.06E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-05	2.98E-02	1.18E+01	0.00E+00	1.30E-09	4.37E-08	6.97E-03	2.12E-05	1.58E-02	0.00E+00	1.18E+01	3.34E-08	1.18E+01	1.19E+01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
VH48NA	5.53E-03	8.72E-01	0.00E+00	8.72E-01	0.00E+00	0.00E+00	5.72E-01	3.28E-07	2.59E-03	2.84E-02	0.00E+00	0.00E+00	1.53E-11	2.97E-10	2.13E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-05	3.07E-02	1.22E+01	0.00E+00	1.34E-09	4.50E-08	7.17E-03	2.18E-05	1.63E-02	0.00E+00	1.22E+01	3.44E-08	1.22E+01	1.22E+01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
VH48NC	5.69E-03	8.97E-01	0.00E+00	8.97E-01	0.00E+00	0.00E+00	5.88E-01	3.37E-07	2.67E-03	2.93E-02	0.00E+00	0.00E+00	1.58E-11	3.05E-10	2.19E-03	0.00E+00	0.00E+00	0.00E+00	7.94E-05	3.15E-02	1.25E+01	0.00E+00	1.38E-09	4.63E-08	7.38E-03	2.25E-05	1.67E-02	0.00E+00	1.25E+01	3.54E-08	1.25E+01	1.25E+01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-03
VH48NE	5.78E-03	9.11E-01	0.00E+00	9.11E-01	0.00E+00	0.00E+00	5.98E-01	3.42E-07	2.71E-03	2.97E-02	0.00E+00	0.00E+00	1.60E-11	3.10E-10	2.22E-03	0.00E+00	0.00E+00	0.00E+00	8.07E-05	3.20E-02	1.27E+01	0.00E+00	1.40E-09	4.70E-08	7.49E-03	2.28E-05	1.70E-02	0.00E+00	1.27E+01	3.59E-08	1.27E+01	1.27E+01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03
VH48NK	1.63E-03	2.56E-01	0.00E+00	2.56E-01	0.00E+00	0.00E+00	1.68E-01	9.62E-08	7.62E-04	8.36E-03	0.00E+00	0.00E+00	4.51E-12	8.72E-11	6.25E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-05	9.01E-03	3.58E+00	0.00E+00	3.93E-10	1.32E-08	2.11E-03	6.41E-06	4.78E-03	0.00E+00	3.58E+00	1.01E-08	3.58E+00	3.58E+00	4.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04
VH48NKM	1.85E-03	2.92E-01	0.00E+00	2.92E-01	0.00E+00	0.00E+00	1.91E-01	1.09E-07	8.67E-04	9.51E-03	0.00E+00	0.00E+00	5.13E-12	9.92E-11	7.11E-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	7.30E-06	5.43E-03	0.00E+00	4.07E+00	1.15E-08	4.07E+00	4.08E+00	5.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
VH48NMB	5.82E-03	9.18E-01	0.00E+00	9.18E-01	0.00E+00	0.00E+00	6.02E-01	3.45E-07	2.73E-03	2.99E-02	0.00E+00	0.00E+00	1.62E-11	3.13E-10	2.24E-03	0.00E+00	0.00E+00	0.00E+00	8.13E-05	3.23E-02	1.28E+01	0.00E+00	1.41E-09	4.73E-08	7.55E-03	2.30E-05	1.71E-02	0.00E+00	1.28E+01	3.62E-08	1.28E+01	1.28E+01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
VH48NN	5.80E-03	9.14E-01	0.00E+00	9.14E-01	0.00E+00	0.00E+00	6.00E-01	3.44E-07	2.72E-03	2.98E-02	0.00E+00	0.00E+00	1.61E-11	3.11E-10	2.23E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-05	3.21E-02	1.28E+01	0.00E+00	1.40E-09	4.72E-08	7.52E-03	2.29E-05	1.70E-02	0.00E+00	1.28E+01	3.61E-08	1.28E+01	1.28E+01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03
VH48NRM	4.47E-03	7.03E-01	0.00E+00	7.03E-01	0.00E+00	0.00E+00	4.62E-01	2.64E-07	2.09E-03	2.29E-02	0.00E+00	0.00E+00	1.24E-11	2.39E-10	1.72E-03	0.00E+00	0.00E+00	0.00E+00	6.23E-05	2.48E-02	9.83E+00	0.00E+00	1.08E-09	3.63E-08	5.79E-03	1.76E-05	1.31E-02	0.00E+00	9.83E+00	2.77E-08	9.83E+00	9.83E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
VH48NW	5.31E-03	8.37E-01	0.00E+00	8.37E-01	0.00E+00	0.00E+00	5.49E-01	3.14E-07	2.49E-03	2.73E-02	0.00E+00	0.00E+00	1.47E-11	2.85E-10	2.04E-03	0.00E+00	0.00E+00	0.00E+00	7.41E-05	2.94E-02	1.17E+01	0.00E+00	1.29E-09	4.32E-08	6.89E-03	2.10E-05	1.56E-02	0.00E+00	1.17E+01	3.30E-08	1.17E+01	1.17E+01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03
VH48NWB	4.77E-03	7.53E-01	0.00E+00	7.53E-01	0.00E+00	0.00E+00	4.94E-01	2.83E-07	2.24E-03	2.46E-02	0.00E+00	0.00E+00	1.32E-11	2.56E-10	1.84E-03	0.00E+00	0.00E+00	0.00E+00	6.67E-05	2.65E-02	1.05E+01	0.00E+00	1.16E-09	3.88E-08	6.19E-03	1.88E-05	1.40E-02	0.00E+00	1.05E+01	2.97E-08	1.05E+01	1.05E+01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
VH48NWP	5.53E-03	8.49E-01	0.00E+00	8.49E-01	0.00E+00	0.00E+00	5.56E-01	3.19E-07	2.52E-03	2.77E-02	0.00E+00	0.00E+00	1.49E-11	2.89E-10	2.07E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-05	2.98E-02	1.18E+01	0.00E+00	1.30E-09	4.38E-08	6.97E-03	2.13E-05	1.58E-02	0.00E+00	1.18E+01	3.34E-08	1.18E+01	1.19E+01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
VH48WWH	5.59E-03	8.82E-01	0.00E+00	8.82E-01	0.00E+00	0.00E+00	5.78E-01	3.31E-07	2.62E-03	2.88E-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	7.81E-05	3.10E-02	1.23E+01	0.00E+00	1.35E-09	4.55E-08	7.25E-03	2.21E-05	1.64E-02	0.00E+00	1.23E+01	3.48E-08	1.23E+01	1.23E+01	1.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03
VH48WWV	5.53E-03	8.49E-01	0.00E+00	8.49E-01	0.00E+00	0.00E+00	5.56E-01	3.19E-07	2.52E-03	2.77E-02	0.00E+00	0.00E+00	1.49E-11	2.89E-10	2.07E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-05	2.98E-02	1.18E+01	0.00E+00	1.30E-09	4.38E-08	6.97E-03	2.13E-05	1.58E-02	0.00E+00	1.18E+01	3.34E-08	1.18E+01	1.19E+01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
VH602NWH	6.44E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	6.66E-01	3.81E-07	3.02E-03	3.31E-02	0.00E+00	0.00E+00	1.78E-11	3.45E-10	2.48E-03	0.00E+00	0.00E+00	0.00E+00	8.98E-05	3.57E-02	1.42E+01	0.00E+00	1.56E-09	5.24E-08	8.35E-03	2.54E-05	1.89E-02	0.00E+00	1.42E+01	4.00E-08	1.42E+01	1.42E+01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03
VH602WWH	5.66E-03	8.92E-01	0.00E+00	8.92E-01	0.00E+00	0.00E+00	5.85E-01	3.35E-07	2.65E-03	2.91E-02	0.00E+00	0.00E+00	1.57E-11	3.04E-10	2.18E-03	0.00E+00	0.00E+00	0.00E+00	7.90E-05	3.14E-02	1.25E+01	0.00E+00	1.37E-09	4.60E-08	7.34E-03	2.23E-05	1.66E-02	0.00E+00	1.25E+01	3.52E-08	1.25E+01	1.25E+01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
VH603NWH	6.48E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	6.70E-01	3.83E-07	3.03E-03	3.33E-02	0.00E+00	0.00E+00	1.79E-11	3.47E-10	2.49E-03	0.00E+00	0.00E+00	0.00E+00	9.03E-05	3.59E-02	1.42E+01	0.00E+00	1.57E-09	5.27E-08	8.41E-03	2.55E-05	1.90E-02	0.00E+00	1.42E+01	4.02E-08	1.42E+01	1.43E+01	1.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03
VH603WWH	5.76E-03	9.08E-01	0.00E+00	9.08E-01	0.00E+00	0.00E+00	5.96E-01	3.41E-07	2.70E-03	2.96E-02	0.00E+00	0.00E+00	1.60E-11	3.09E-10	2.21E-03	0.00E+00	0.00E+00	0.00E+00	8.03E-05	3.19E-02	1.27E+01	0.00E+00	1.39E-09	4.68E-08	7.46E-03	2.27E-05	1.69E-02	0.00E+00	1.27E+01	3.58E-08	1.27E+01	1.27E+01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
VH60AT	6.77E-03	1.07E+00	0.00E+00	1.07E+00	0.00E+00	0.00E+00	7.01E-01	4.01E-07	3.18E-03	3.48E-02	0.00E+00	0.00E+00	1.88E-11	3.63E-10	2.60E-03	0.00E+00	0.00E+00	0.00E+00	9.45E-05	3.75E-02	1.49E+01	0.00E+00	1.64E-09	5.51E-08	8.79E-03	2.67E-05	1.99E-02	0.00E+00	1.49E+01	4.21E-08	1.49E+01	1.49E+01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03
VH60DKN	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	1.91E-11	3.72E-10	2.65E-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	5.62E-08	8.96E-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	0.00E+00	4.14E-03
VH60EP	6.84E-03	1.08E+00	0.00E+00	1.08E+00	0.00E+00	0.00E+00	7.07E-01	4.05E-07	3.21E-03	3.52E-02	0.00E+00	0.00E+00	1.90E-11	3.67E-10	2.63E-03	0.00E+00	0.00E+00	0.00E+00	9.55E-05	3.79E-02	1.51E+01	0.00E+00	1.66E-09	5.56E-08	8.87E-03	2.70E-05	2.01E-02	0.00E+00	1.51E+01	4.25E-08	1.51E+01	1.51E+01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
VH60ET	6.16E-03	9.71E-01	0.00E+00	9.71E-01	0.00E+00	0.00E+00	6.37E-01	3.65E-07	2.89E-03	3.17E-02	0.00E+00	0.00E+00	1.71E-11	3.30E-10	2.37E-03	0.00E+00	0.00E+00	0.00E+00	8.59E-05	3.41E-02	1.36E+01	0.00E+00	1.49E-09	5.01E-08	7.98E-03	2.43E-05	1.81E-02	0.00E+00	1.36E+01	3.83E-08	1.36E+01	1.36E+01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03
VH60MMV	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
VH60NA	6.55E-03	1.03E+00	0.00E+00	1.03E+00	0.00E+00	0.00E+00	6.78E-01	3.88E-07	3.07E-03	3.37E-02	0.00E+00	0.00E+00	1.82E-11	3.52E-10	2.52E-03	0.00E+00	0.00E+00	0.00E+00	9.15E-05	3.63E-02	1.44E+01	0.00E+00	1.59E-09	5.33E-08	8.50E-03	2.59E-05	1.93E-02	0.00E+00	1.44E+01	4.07E-08	1.44E+01	1.44E+01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03
VH60NE	6.85E-03	1.08E+00	0.00E+00	1.08E+00	0.00E+00	0.00E+00	7.09E-01	4.06E-07	3.21E-03	3.53E-02	0.00E+00	0.00E+00	1.90E-11	3.68E-10	2.64E-03	0.00E+00	0.00E+00	0.00E+00	9.57E-05	3.80E-02	1.51E+01	0.00E+00	1.66E-09	5.58E-08	8.90E-03	2.71E-05	2.02E-02	0.00E+00	1.51E+01	4.26E-08	1.51E+01	1.51E+01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03
VH60NK	1.88E-03	2.96E-01	0.00E+00	2.96E-01	0.00E+00	0.00E+00	1.94E-01	1.11E-07	8.79E-04	9.64E-03	0.00E+00	0.00E+00	5.20E-12	1.01E-10	7.21E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-05	1.04E-02	4.13E+00	0.00E+00	4.54E-10	1.52E-08	2.43E-03	7.40E-06	5.51E-03	0.00E+00	4.13E+00	1.17E-08	4.13E+00	4.14E+00	5.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
VH60NKM	2.19E-03	3.44E-01	0.00E+00	3.44E-01	0.00E+00	0.00E+00	2.26E-01	1.29E-07	1.02E-03	1.12E-02	0.00E+00	0.00E+00	6.06E-12	1.17E-10	8.40E-04	0.00E+00	0.00E+00	0.00E+00	3.05E-05	1.21E-02	4.81E+00	0.00E+00	5.29E-10	1.78E-08	2.83E-03	8.63E-06	6.42E-03	0.00E+00	4.81E+00	1.36E-08	4.81E+00	4.82E+00	6.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
VH60NN	6.84E-03	1.08E+00	0.00E+00	1.08E+00	0.00E+00	0.00E+00	7.08E-01	4.05E-07	3.21E-03	3.52E-02	0.00E+00	0.00E+00	1.90E-11	3.67E-10	2.63E-03	0.00E+00	0.00E+00	0.00E+00	9.55E-05	3.79E-02	1.51E+01	0.00E+00	1.66E-09	5.56E-08	8.87E-03	2.70E-05	2.01E-02	0.00E+00	1.51E+01	4.25E-08	1.51E+01	1.51E+01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
VH60NW	6.04E-03	9.52E-01	0.00E+00	9.52E-01	0.00E+00	0.00E+00	6.25E-01	3.58E-07	2.83E-03	3.11E-02	0.00E+00	0.00E+00	1.68E-11	3.24E-10	2.32E-03	0.00E+00	0.00E+00	0.00E+00	8.43E-05	3.35E-02	1.33E+01	0.00E+00	1.46E-09	4.91E-08	7.83E-03	2.38E-05	1.78E-02	0.00E+00	1.33E+01	3.75E-08	1.33E+01	1.33E+01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
VH60NWB	5.71E-03	9.00E-01	0.00E+00	9.00E-01	0.00E+00	0.00E+00	5.90E-01	3.38E-07	2.68E-03	2.94E-02	0.00E+00	0.00E+00	1.58E-11	3.06E-10	2.20E-03	0.00E+00	0.00E+00	0.00E+00	7.97E-05	3.16E-02	1.26E+01	0.00E+00	1.38E-09	4.64E-08	7.40E-03	2.25E-05	1.68E-02	0.00E+00	1.26E+01	3.55E-08	1.26E+01	1.26E+01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
VH60NWP	5.97E-03	9.41E-01	0.00E+00	9.41E-01	0.00E+00	0.00E+00	6.17E-01	3.53E-07	2.80E-03	3.07E-02	0.00E+00	0.00E+00	1.66E-11	3.20E-10	2.30E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-05	3.31E-02	1.31E+01	0.00E+00	1.44E-09	4.85E-08	7.74E-03	2.36E-05	1.75E-02	0.00E+00	1.31E+01	3.71E-08	1.31E+01	1.32E+01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03
VH60WWH	5.71E-03	9.00E-01	0.00E+00	9.00E-01	0.00E+00	0.00E+00	5.90E-01	3.38E-07	2.68E-03	2.94E-02	0.00E+00	0.00E+00	1.58E-11	3.06E-10	2.20E-03	0.00E+00	0.00E+00	0.00E+00	7.97E-05	3.16E-02	1.26E+01	0.00E+00	1.38E-09	4.64E-08	7.40E-03	2.25E-05	1.68E-02	0.00E+00	1.26E+01	3.55E-08	1.26E+01	1.26E+01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
VH60WWV	5.40E-03	8.48E-01	0.00E+00	8.48E-01	0.00E+00	0.00E+00	5.55E-01	3.18E-07	2.52E-03	2.77E-02	0.00E+00	0.00E+00	1.49E-11	2.88E-10	2.06E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-05	2.98E-02	1.18E+01	0.00E+00	1.30E-09	4.37E-08	6.97E-03	2.12E-05	1.58E-02	0.00E+00	1.18E+01	3.34E-08	1.18E+01	1.19E+01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
VR108NE	5.38E-04	8.46E-02	0.00E+00	8.46E-02	0.00E+00	0.00E+00	5.55E-02	3.18E-08	2.52E-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	7.49E-06	2.97E-03	1.18E+00	0.00E+00	1.30E-10	4.36E-09	6.96E-04	2.12E-06	1.58E-03	0.00E+00	1.18E+00	3.34E-09	1.18E+00	1.18E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
VR108NH	5.22E-04	7.93E-02	0.00E+00	7.93E-02	0.00E+00	0.00E+00	5.21E-02	2.98E-08	2.36E-04	2.59E-03	0.00E+00	0.00E+00	1.40E-12	2.70E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.02E-06	2.79E-03	1.11E+00	0.00E+00	1.22E-10	4.09E-09	6.53E-04	1.99E-06	1.48E-03	0.00E+00	1.11E+00	3.13E-09	1.11E+00	1.11E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
VR108NP	6.59E-04	1.04E-01	0.00E+00	1.04E-01	0.00E+00	0.00E+00	6.84E-02	3.91E-08	3.10E-04	3.40E-03	0.00E+00	0.00E+00	1.83E-12	3.56E-11	2.55E-04	0.00E+00	0.00E+00	0.00E+00	9.25E-06	3.66E-03	1.46E+00	0.00E+00	1.60E-10	5.37E-09	8.56E-04	2.60E-06	1.95E-03	0.00E+00	1.46E+00	4.11E-09	1.46E+00	1.45E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
VR108PP	6.87E-04	1.08E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	7.11E-02	4.07E-08	3.22E-04	3.53E-03	0.00E+00	0.00E+00	1.91E-12	3.69E-11	2.64E-04	0.00E+00	0.00E+00	0.00E+00	9.59E-06	3.81E-03	1.51E+00	0.00E+00	1.66E-10	5.59E-09	8.91E-04	2.71E-06	2.02E-03	0.00E+00	1.51E+00	4.27E-09	1.51E+00	1.52E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04

VR108TD	6.93E-04	1.08E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	7.09E-02	4.06E-08	3.21E-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	9.57E-06	3.80E-03	1.51E+00	0.00E+00	1.66E-10	5.57E-09	8.89E-04	2.71E-06	2.02E-03	0.00E+00	1.51E+00	4.26E-09	1.51E+00	1.51E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
VR108TF	6.19E-04	9.78E-02	0.00E+00	9.78E-02	0.00E+00	0.00E+00	6.42E-02	3.66E-08	2.91E-04	3.19E-03	0.00E+00	0.00E+00	1.72E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-06	3.44E-03	1.37E+00	0.00E+00	1.50E-10	5.03E-09	8.03E-04	2.44E-06	1.83E-03	0.00E+00	1.37E+00	3.85E-09	1.37E+00	1.36E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
VR108TP	7.03E-04	1.10E-01	0.00E+00	1.10E-01	0.00E+00	0.00E+00	7.19E-02	4.12E-08	3.26E-04	3.57E-03	0.00E+00	0.00E+00	1.93E-12	3.73E-11	2.67E-04	0.00E+00	0.00E+00	0.00E+00	9.70E-06	3.85E-03	1.53E+00	0.00E+00	1.68E-10	5.65E-09	9.01E-04	2.74E-06	2.04E-03	0.00E+00	1.53E+00	4.32E-09	1.53E+00	1.53E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
VR112NE	7.84E-04	1.16E-01	0.00E+00	1.16E-01	0.00E+00	0.00E+00	7.61E-02	4.36E-08	3.45E-04	3.78E-03	0.00E+00	0.00E+00	2.04E-12	3.95E-11	2.83E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-05	4.08E-03	1.62E+00	0.00E+00	1.78E-10	5.98E-09	9.54E-04	2.90E-06	2.16E-03	0.00E+00	1.62E+00	4.57E-09	1.62E+00	1.62E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
VR112NH	5.91E-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	3.13E-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	4.74E-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	0.00E+00	3.49E-04
VR112PD	8.91E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.16E-02	5.26E-08	4.16E-04	4.56E-03	0.00E+00	0.00E+00	2.46E-12	4.76E-11	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.91E-03	1.96E+00	0.00E+00	2.14E-10	7.22E-09	1.15E-03	3.51E-06	2.61E-03	0.00E+00	1.96E+00	5.51E-09	1.96E+00	1.96E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04
VR112PP	8.83E-04	1.39E-01	0.00E+00	1.39E-01	0.00E+00	0.00E+00	9.14E-02	5.23E-08	4.14E-04	4.54E-03	0.00E+00	0.00E+00	2.45E-12	4.74E-11	3.40E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-05	4.90E-03	1.95E+00	0.00E+00	2.14E-10	7.18E-09	1.15E-03	3.49E-06	2.60E-03	0.00E+00	1.95E+00	5.49E-09	1.95E+00	1.95E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
VR112TD	8.91E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.16E-02	5.26E-08	4.16E-04	4.56E-03	0.00E+00	0.00E+00	2.46E-12	4.76E-11	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.91E-03	1.96E+00	0.00E+00	2.14E-10	7.22E-09	1.15E-03	3.51E-06	2.61E-03	0.00E+00	1.96E+00	5.51E-09	1.96E+00	1.96E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04
VR112TP	8.91E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.16E-02	5.26E-08	4.16E-04	4.56E-03	0.00E+00	0.00E+00	2.46E-12	4.76E-11	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.91E-03	1.96E+00	0.00E+00	2.14E-10	7.22E-09	1.15E-03	3.51E-06	2.61E-03	0.00E+00	1.96E+00	5.51E-09	1.96E+00	1.96E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04
VR118NE	1.03E-03	1.52E-01	0.00E+00	1.52E-01	0.00E+00	0.00E+00	9.98E-02	5.72E-08	4.52E-04	4.96E-03	0.00E+00	0.00E+00	2.68E-12	5.18E-11	3.71E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-05	5.35E-03	2.13E+00	0.00E+00	2.34E-10	7.85E-09	1.25E-03	3.81E-06	2.84E-03	0.00E+00	2.13E+00	6.00E-09	2.13E+00	2.13E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
VR118NH	8.15E-04	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	8.30E-02	4.75E-08	3.76E-04	4.13E-03	0.00E+00	0.00E+00	2.23E-12	4.31E-11	3.09E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-05	4.45E-03	1.77E+00	0.00E+00	1.94E-10	6.53E-09	1.04E-03	3.17E-06	2.36E-03	0.00E+00	1.77E+00	4.99E-09	1.77E+00	1.77E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
VR118NP	1.10E-03	1.71E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	1.12E-01	6.41E-08	5.08E-04	5.57E-03	0.00E+00	0.00E+00	3.00E-12	5.81E-11	4.16E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-05	6.00E-03	2.39E+00	0.00E+00	2.62E-10	8.81E-09	1.40E-03	4.27E-06	3.18E-03	0.00E+00	2.39E+00	6.73E-09	2.39E+00	2.39E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04
VR118PD	1.14E-03	1.78E-01	0.00E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-01	6.67E-08	5.28E-04	5.79E-03	0.00E+00	0.00E+00	3.12E-12	6.05E-11	4.33E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	6.24E-03	2.48E+00	0.00E+00	2.73E-10	9.15E-09	1.46E-03	4.44E-06	3.31E-03	0.00E+00	2.48E+00	7.00E-09	2.48E+00	2.48E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
VR118PP	1.18E-03	1.86E-01	0.00E+00	1.86E-01	0.00E+00	0.00E+00	1.22E-01	6.99E-08	5.53E-04	6.07E-03	0.00E+00	0.00E+00	3.28E-12	6.34E-11	4.54E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-05	6.54E-03	2.60E+00	0.00E+00	2.86E-10	9.60E-09	1.53E-03	4.66E-06	3.47E-03	0.00E+00	2.60E+00	7.34E-09	2.60E+00	2.60E+00	3.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04
VR118TP	1.14E-03	1.80E-01	0.00E+00	1.80E-01	0.00E+00	0.00E+00	1.18E-01	6.78E-08	5.36E-04	5.88E-03	0.00E+00	0.00E+00	3.17E-12	6.14E-11	4.40E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	6.34E-03	2.52E+00	0.00E+00	2.77E-10	9.30E-09	1.48E-03	4.52E-06	3.36E-03	0.00E+00	2.52E+00	7.11E-09	2.52E+00	2.52E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04
VR212NE	1.25E-03	1.97E-01	0.00E+00	1.97E-01	0.00E+00	0.00E+00	1.29E-01	7.40E-08	5.85E-04	6.42E-03	0.00E+00	0.00E+00	3.47E-12	6.71E-11	4.80E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-05	6.92E-03	2.75E+00	0.00E+00	3.02E-10	1.02E-08	1.62E-03	4.93E-06	3.67E-03	0.00E+00	2.75E+00	7.76E-09	2.75E+00	2.76E+00	3.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04
VR212NE1	5.16E-04	7.69E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	5.05E-02	2.89E-08	2.29E-04	2.51E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-06	2.70E-03	1.07E+00	0.00E+00	1.18E-10	3.97E-09	6.33E-04	1.93E-06	1.43E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.08E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
VR212NE2	1.46E-04	2.30E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.51E-02	8.63E-09	6.85E-05	7.50E-04	0.00E+00	0.00E+00	4.03E-13	7.83E-12	5.60E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.09E-04	3.22E-01	0.00E+00	3.53E-11	1.19E-09	1.89E-04	5.76E-07	4.29E-04	0.00E+00	3.22E-01	9.06E-10	3.22E-01	3.21E-01	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-05
VR212NE3	3.55E-04	5.57E-02	0.00E+00	5.57E-02	0.00E+00	0.00E+00	3.65E-02	2.09E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.80E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-06	1.96E-03	7.78E-01	0.00E+00	8.55E-11	2.87E-09	4.58E-04	1.39E-06	1.04E-03	0.00E+00	7.78E-01	2.20E-09	7.78E-01	7.79E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
VR212NEB	1.26E-03	1.86E-01	0.00E+00	1.86E-01	0.00E+00	0.00E+00	1.22E-01	7.00E-08	5.54E-04	6.08E-03	0.00E+00	0.00E+00	3.28E-12	6.35E-11	4.55E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-05	6.55E-03	2.61E+00	0.00E+00	2.86E-10	9.62E-09	1.53E-03	4.67E-06	3.48E-03	0.00E+00	2.61E+00	7.35E-09	2.61E+00	2.61E+00	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04
VR212NH	1.14E-03	1.78E-01	0.00E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-01	6.67E-08	5.28E-04	5.79E-03	0.00E+00	0.00E+00	3.12E-12	6.05E-11	4.33E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	6.24E-03	2.48E+00	0.00E+00	2.73E-10	9.15E-09	1.46E-03	4.44E-06	3.31E-03	0.00E+00	2.48E+00	7.00E-09	2.48E+00	2.48E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
VR212NH1	5.16E-04	7.69E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	5.05E-02	2.89E-08	2.29E-04	2.51E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-06	2.70E-03	1.07E+00	0.00E+00	1.18E-10	3.97E-09	6.33E-04	1.93E-06	1.43E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.08E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
VR212PD	1.51E-03	2.36E-01	0.00E+00	2.36E-01	0.00E+00	0.00E+00	1.55E-01	8.86E-08	7.01E-04	7.69E-03	0.00E+00	0.00E+00	4.15E-12	8.03E-11	5.75E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	8.29E-03	3.29E+00	0.00E+00	3.62E-10	1.22E-08	1.94E-03	5.90E-06	4.39E-03	0.00E+00	3.29E+00	9.29E-09	3.29E+00	3.30E+00	4.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-04
VR212PDM	1.36E-03	2.14E-01	0.00E+00	2.14E-01	0.00E+00	0.00E+00	1.40E-01	8.01E-08	6.35E-04	6.97E-03	0.00E+00	0.00E+00	3.75E-12	7.27E-11	5.20E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	7.50E-03	2.99E+00	0.00E+00	3.28E-10	1.10E-08	1.76E-03	5.34E-06	3.98E-03	0.00E+00	2.99E+00	8.42E-09	2.99E+00	2.99E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04
VR212PP	1.50E-03	2.37E-01	0.00E+00	2.37E-01	0.00E+00	0.00E+00	1.55E-01	8.90E-08	7.05E-04	7.73E-03	0.00E+00	0.00E+00	4.17E-12	8.07E-11	5.78E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05	8.33E-03	3.31E+00	0.00E+00	3.64E-10	1.22E-08	1.95E-03	5.93E-06	4.42E-03	0.00E+00	3.31E+00	9.34E-09	3.31E+00	3.32E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04
VR212PPC	1.36E-03	2.14E-01	0.00E+00	2.14E-01	0.00E+00	0.00E+00	1.40E-01	8.01E-08	6.35E-04	6.97E-03	0.00E+00	0.00E+00	3.75E-12	7.27E-11	5.20E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	7.50E-03	2.99E+00	0.00E+00	3.28E-10	1.10E-08	1.76E-03	5.34E-06	3.98E-03	0.00E+00	2.99E+00	8.42E-09	2.99E+00	2.99E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04
VR212PPH	1.36E-03	2.14E-01	0.00E+00	2.14E-01	0.00E+00	0.00E+00	1.40E-01	8.01E-08	6.35E-04	6.97E-03	0.00E+00	0.00E+00	3.75E-12	7.27E-11	5.20E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	7.50E-03	2.99E+00	0.00E+00	3.28E-10	1.10E-08	1.76E-03	5.34E-06	3.98E-03	0.00E+00	2.99E+00	8.42E-09	2.99E+00	2.99E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04
VR212TD	1.51E-03	2.36E-01	0.00E+00	2.36E-01	0.00E+00	0.00E+00	1.55E-01	8.86E-08	7.01E-04	7.69E-03	0.00E+00	0.00E+00	4.15E-12	8.03E-11	5.75E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	8.29E-03	3.29E+00	0.00E+00	3.62E-10	1.22E-08	1.94E-03	5.90E-06	4.39E-03	0.00E+00	3.29E+00	9.29E-09	3.29E+00	3.30E+00	4.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-04
VR212TF	1.52E-03	2.28E-01	0.00E+00	2.28E-01	0.00E+00	0.00E+00	1.50E-01	8.58E-08	6.79E-04	7.45E-03	0.00E+00	0.00E+00	4.02E-12	7.78E-11	5.57E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	8.03E-03	3.19E+00	0.00E+00	3.51E-10	1.18E-08	1.88E-03	5.72E-06	4.26E-03	0.00E+00	3.19E+00	9.00E-09	3.19E+00	3.19E+00	4.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04
VS104PD	6.00E-04	9.41E-02	0.00E+00	9.41E-02	0.00E+00	0.00E+00	6.17E-02	3.53E-08	2.80E-04	3.07E-03	0.00E+00	0.00E+00	1.66E-12	3.20E-11	2.30E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-06	3.31E-03	1.32E+00	0.00E+00	1.44E-10	4.85E-09	7.73E-04	2.35E-06	1.76E-03	0.00E+00	1.32E+00	3.71E-09	1.32E+00	1.31E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
VS104PE	5.71E-04	9.01E-02	0.00E+00	9.01E-02	0.00E+00	0.00E+00	5.91E-02	3.38E-08	2.68E-04	2.94E-03	0.00E+00	0.00E+00	1.58E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-06	3.17E-03	1.26E+00	0.00E+00	1.38E-10	4.64E-09	7.41E-04	2.25E-06	1.68E-03	0.00E+00	1.26E+00	3.55E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
VS104PEB	5.47E-04	8.62E-02	0.00E+00	8.62E-02	0.00E+00	0.00E+00	5.65E-02	3.24E-08	2.56E-04	2.81E-03	0.00E+00	0.00E+00	1.52E-12	2.93E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-06	3.03E-03	1.20E+00	0.00E+00	1.32E-10	4.45E-09	7.09E-04	2.16E-06	1.61E-03	0.00E+00	1.20E+00	3.40E-09	1.20E+00	1.21E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
VS104PF	5.95E-04	9.00E-02	0.00E+00	9.00E-02	0.00E+00	0.00E+00	5.90E-02	3.38E-08	2.68E-04	2.94E-03	0.00E+00	0.00E+00	1.58E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-06	3.17E-03	1.26E+00	0.00E+00	1.38E-10	4.64E-09	7.40E-04	2.25E-06	1.68E-03	0.00E+00	1.26E+00	3.55E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
VS104PJ	5.57E-04	8.72E-02	0.00E+00	8.72E-02	0.00E+00	0.00E+00	5.72E-02	3.27E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.97E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-06	3.06E-03	1.22E+00	0.00E+00	1.34E-10	4.50E-09	7.17E-04	2.18E-06	1.63E-03	0.00E+00	1.22E+00	3.44E-09	1.22E+00	1.22E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
VS104PP	5.87E-04	9.25E-02	0.00E+00	9.25E-02	0.00E+00	0.00E+00	6.07E-02	3.48E-08	2.75E-04	3.02E-03	0.00E+00	0.00E+00	1.63E-12	3.15E-11	2.26E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-06	3.25E-03	1.29E+00	0.00E+00	1.42E-10	4.77E-09	7.61E-04	2.32E-06	1.73E-03	0.00E+00	1.29E+00	3.65E-09	1.29E+00	1.29E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
VS104PR	6.20E-04	9.80E-02	0.00E+00	9.80E-02	0.00E+00	0.00E+00	6.43E-02	3.67E-08	2.92E-04	3.20E-03	0.00E+00	0.00E+00	1.72E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.70E-06	3.44E-03	1.37E+00	0.00E+00	1.51E-10	5.04E-09	8.05E-04	2.45E-06	1.83E-03	0.00E+00	1.37E+00	3.86E-09	1.37E+00	1.37E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04
VS104PY	4.34E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.48E-02	2.56E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.40E-03	9.53E-01	0.00E+00	1.05E-10	3.52E-09	5.61E-04	1.71E-06	1.27E-03	0.00E+00	9.53E-01	2.69E-09	9.53E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
VS104TD	5.77E-04	8.97E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	5.88E-02	3.37E-08	2.67E-04	2.93E-03	0.00E+00	0.00E+00	1.58E-12	3.06E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-06	3.15E-03	1.25E+00	0.00E+00	1.38E-10	4.63E-09	7.38E-04	2.25E-06	1.67E-03	0.00E+00	1.25E+00	3.54E-09	1.25E+00	1.25E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
VS104TE	6.00E-04	9.41E-02	0.00E+00	9.41E-02	0.00E+00	0.00E+00	6.17E-02	3.53E-08	2.80E-04	3.07E-03	0.00E+00	0.00E+00	1.66E-12	3.20E-11	2.30E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-06	3.31E-03	1.32E+00	0.00E+00	1.44E-10	4.85E-09	7.73E-04	2.35E-06	1.76E-03	0.00E+00	1.32E+00	3.71E-09	1.32E+00	1.31E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
VS104TF	5.79E-04	9.01E-02	0.00E+00	9.01E-02	0.00E+00	0.00E+00	5.91E-02	3.39E-08	2.68E-04	2.94E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-06	3.17E-03	1.26E+00	0.00E+00	1.38E-10	4.65E-09	7.41E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.55E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
VS104TJ	5.55E-04	8.70E-02	0.00E+00	8.70E-02	0.00E+00	0.00E+00	5.70E-02	3.27E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.96E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-06	3.06E-03	1.21E+00	0.00E+00	1.34E-10	4.49E-09	7.15E-04	2.18E-06	1.62E-03	0.00E+00	1.21E+00	3.43E-09	1.21E+00	1.22E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
VS104TM	6.19E-04	9.78E-02	0.00E+00	9.78E-02	0.00E+00	0.00E+00	6.42E-02	3.66E-08	2.91E-04	3.19E-03	0.00E+00	0.00E+00	1.72E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-06	3.44E-03	1.37E+00	0.00E+00	1.50E-10	5.03E-09	8.03E-04	2.44E-06	1.83E-03	0.00E+00	1.37E+00	3.85E-09	1.37E+00	1.36E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
VS104TR	5.77E-04	8.97E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	5.88E-02	3.37E-08	2.67E-04	2.93E-03	0.00E+00	0.00E+00	1.58E-12	3.06E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-06	3.15E-03	1.25E+00	0.00E+00	1.38E-10	4.63E-09	7.38E-04	2.25E-06	1.67E-03	0.00E+00	1.25E+00	3.54E-09	1.25E+00	1.25E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
VS108PD	7.97E-04	1.19E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	7.80E-02	4.46E-08	3.53E-04	3.88E-03	0.00E+00	0.00E+00	2.09E-12	4.05E-11	2.90E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-05	4.18E-03	1.66E+00	0.00E+00	1.82E-10	6.13E-09	9.78E-04	2.98E-06	2.22E-03	0.00E+00	1.66E+00	4.69E-09	1.66E+00	1.66E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
VS108PE	7.84E-04	1.24E-01	0.00E+00	1.24E-01	0.00E+00	0.00E+00	8.11E-02	4.64E-08	3.68E-04	4.03E-03	0.00E+00	0.00E+00	2.18E-12	4.21E-11	3.02E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-05	4.35E-03	1.73E+00	0.00E+00	1.90E-10	6.38E-09	1.02E-03	3.10E-06	2.30E-03	0.00E+00	1.73E+00	4.87E-09	1.73E+00	1.73E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
VS108PEB	7.03E-04	1.11E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	7.27E-02	4.16E-08	3.30E-04	3.62E-03	0.00E+00	0.00E+00	1.95E-12	3.77E-11	2.70E-04	0.00E+00	0.00E+00	0.00E+00	9.82E-06	3.90E-03	1.55E+00	0.00E+00	1.70E-10	5.72E-09	9.12E-04	2.78E-06	2.07E-03	0.00E+00	1.55E+00	4.37E-09	1.55E+00	1.55E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
VS108PF	7.45E-04	1.15E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	7.53E-02	4.31E-08	3.41E-04	3.74E-03	0.00E+00	0.00E+00	2.02E-12	3.91E-11	2.80E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-05	4.03E-03	1.60E+00	0.00E+00	1.76E-10	5.92E-09	9.44E-04	2.87E-06	2.14E-03	0.00E+00	1.60E+00	4.52E-09	1.60E+00	1.61E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
VS108PJ	7.97E-04	1.19E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	7.80E-02	4.46E-08	3.53E-04	3.88E-03	0.00E+00	0.00E+00	2.09E-12	4.05E-11	2.90E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-05	4.18E-03	1.66E+00	0.00E+00	1.82E-10	6.13E-09	9.78E-04	2.98E-06	2.22E-03	0.00E+00	1.66E+00	4.69E-09	1.66E+00	1.66E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
VS108PM	8.15E-04	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	8.30E-02	4.75E-08	3.76E-04	4.13E-03	0.00E+00	0.00E+00	2.23E-12	4.31E-11	3.09E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-05	4.45E-03	1.77E+00	0.00E+00	1.94E-10	6.53E-09	1.04E-03	3.17E-06	2.36E-03	0.00E+00	1.77E+00	4.99E-09	1.77E+00	1.77E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
VS108PP	8.16E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.44E-02	4.83E-08	3.83E-04	4.20E-03	0.00E+00	0.00E+00	2.27E-12	4.38E-11	3.14E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.52E-03	1.80E+00	0.00E+00	1.98E-10	6.64E-09	1.06E-03	3.22E-06	2.40E-03	0.00E+00	1.80E+00	5.07E-09	1.80E+00	1.80E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04
VS108PR	8.15E-04	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	8.32E-02	4.76E-08	3.77E-04	4.13E-03	0.00E+00	0.00E+00	2.23E-12	4.32E-11	3.09E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-05	4.46E-03	1.77E+00	0.00E+00	1.95E-10	6.54E-09	1.04E-03	3.17E-06	2.36E-03	0.00E+00	1.77E+00	5.00E-09	1.77E+00	1.77E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
VS108PT	9.15E-04	1.44E-01	0.00E+00	1.44E-01	0.00E+00	0.00E+00	9.46E-02	5.42E-08	4.29E-04	4.70E-03	0.00E+00	0.00E+00	2.54E-12	4.91E-11	3.52E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-05	5.07E-03	2.01E+00	0.00E+00	2.21E-10	7.44E-09	1.19E-03	3.61E-06	2.69E-03	0.00E+00	2.01E+00	5.69E-09	2.01E+00	2.02E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
VS108PY	7.99E-04	1.21E-01	0.00E+00	1.21E-01	0.00E+00	0.00E+00	7.91E-02	4.53E-08	3.59E-04	3.93E-03	0.00E+00	0.00E+00	2.12E-12	4.11E-11	2.94E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-05	4.24E-03	1.68E+00	0.00E+00	1.85E-10	6.22E-09	9.92E-04	3.02E-06	2.25E-03	0.00E+00	1.68E+00	4.75E-09	1.68E+00	1.69E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04
VS108TA	8.21E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.45E-02	4.84E-08	3.83E-04	4.20E-03	0.00E+00	0.00E+00	2.27E-12	4.39E-11	3.14E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.53E-03	1.80E+00	0.00E+00	1.98E-10	6.65E-09	1.06E-03	3.23E-06	2.40E-03	0.00E+00	1.80E+00	5.08E-09	1.80E+00	1.80E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
VS108TD	8.14E-04	1.26E-01	0.00E+00	1.26E-01	0.00E+00	0.00E+00	8.29E-02	4.75E-08	3.76E-04	4.12E-03	0.00E+00	0.00E+00	2.22E-12	4.30E-11	3.08E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-05	4.44E-03	1.77E+00	0.00E+00	1.94E-10	6.52E-09	1.04E-03	3.16E-06	2.36E-03	0.00E+00	1.77E+00	4.98E-09	1.77E+00	1.77E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
VS108TE	8.15E-04	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	8.30E-02	4.75E-08	3.76E-04	4.13E-03	0.00E+00	0.00E+00	2.23E-12	4.31E-11	3.09E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-05	4.45E-03	1.77E+00	0.00E+00	1.94E-10	6.53E-09	1.04E-03	3.17E-06	2.36E-03	0.00E+00	1.77E+00	4.99E-09	1.77E+00	1.77E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
VS108TF	7.44E-04	1.12E-01	0.00E+00	1.12E-01	0.00E+00	0.00E+00	7.37E-02	4.22E-08	3.34E-04	3.66E-03	0.00E+00	0.00E+00	1.98E-12	3.82E-11	2.74E-04	0.00E+00	0.00E+00	0.00E+00	9.94E-06	3.95E-03	1.57E+00	0.00E+00	1.72E-10	5.79E-09	9.24E-04	2.81E-06	2.09E-03	0.00E+00	1.57E+00	4.43E-09	1.57E+00	1.57E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
VS108TJ	8.23E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.48E-02	4.86E-08	3.84E-04	4.21E-03	0.00E+00	0.00E+00	2.27E-12	4.40E-11	3.15E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.55E-03	1.80E+00	0.00E+00	1.98E-10	6.67E-09	1.06E-03	3.24E-06	2.41E-03	0.00E+00	1.80E+00	5.10E-09	1.80E+00	1.81E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
VS108TM	8.14E-04	1.26E-01	0.00E+00	1.26E-01	0.00E+00	0.00E+00	8.29E-02	4.75E-08	3.76E-04	4.12E-03	0.00E+00	0.00E+00	2.22E-12	4.30E-11	3.08E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-05	4.44E-03	1.77E+00	0.00E+00	1.94E-10	6.52E-09	1.04E-03	3.16E-06	2.36E-03	0.00E+00	1.77E+00	4.98E-09	1.77E+00	1.77E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
VS108TP	8.15E-04	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	8.30E-02	4.75E-08	3.76E-04	4.13E-03	0.00E+00	0.00E+00	2.23E-12	4.31E-11	3.09E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-05	4.45E-03	1.77E+00	0.00E+00	1.94E-10	6.53E-09	1.04E-03	3.17E-06	2.36E-03	0.00E+00	1.77E+00	4.99E-09	1.77E+00	1.77E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
VS108TR	8.15E-04	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	8.30E-02	4.75E-08	3.76E-04	4.13E-03	0.00E+00	0.00E+00	2.23E-12	4.31E-11	3.09E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-05	4.45E-03	1.77E+00	0.00E+00	1.94E-10	6.53E-09	1.04E-03	3.17E-06	2.36E-03	0.00E+00	1.77E+00	4.99E-09	1.77E+00	1.77E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
VS108TS	7.97E-04	1.19E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	7.80E-02	4.46E-08	3.53E-04	3.88E-03	0.00E+00	0.00E+00	2.09E-12	4.05E-11	2.90E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-05	4.18E-03	1.66E+00	0.00E+00	1.82E-10	6.13E-09	9.78E-04	2.98E-06	2.22E-03	0.00E+00	1.66E+00	4.69E-09	1.66E+00	1.66E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
VS112PA	1.21E-03	1.90E-01	0.00E+00	1.90E-01	0.00E+00	0.00E+00	1.25E-01	7.15E-08	5.65E-04	6.20E-03	0.00E+00	0.00E+00	3.34E-12	6.47E-11	4.64E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	6.68E-03	2.66E+00	0.00E+00	2.92E-10	9.81E-09	1.56E-03	4.76E-06	3.54E-03	0.00E+00	2.66E+00	7.49E-09	2.66E+00	2.66E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04
VS112PD	1.29E-03	2.03E-01	0.00E+00	2.03E-01	0.00E+00	0.00E+00	1.33E-01	7.63E-08	6.04E-04	6.62E-03	0.00E+00	0.00E+00	3.57E-12	6.92E-11	4.95E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-05	7.14E-03	2.84E+00	0.00E+00	3.12E-10	1.05E-08	1.67E-03	5.09E-06	3.79E-03	0.00E+00	2.84E+00	8.01E-09	2.84E+00	2.84E+00	3.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04
VS112PE	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	6.42E-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	6.92E-03	2.75E+00	0.00E+00	3.02E-10	1.02E-08	1.62E-03	4.93E-06	3.67E-03	0.00E+00	2.75E+00	7.76E-09	2.75E+00	2.75E+00	3.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04
VS112PEB	1.19E-03	1.88E-01	0.00E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-01	7.07E-08	5.60E-04	6.14E-03	0.00E+00	0.00E+00	3.31E-12	6.41E-11	4.59E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-05	6.62E-03	2.63E+00	0.00E+00	2.89E-10	9.71E-09	1.55E-03	4.71E-06	3.51E-03	0.00E+00	2.63E+00	7.42E-09	2.63E+00	2.63E+00	3.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04
VS112PF	1.15E-03	1.81E-01	0.00E+00	1.81E-01	0.00E+00	0.00E+00	1.19E-01	6.81E-08	5.39E-04	5.91E-03	0.00E+00	0.00E+00	3.19E-12	6.17E-11	4.42E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-05	6.37E-03	2.53E+00	0.00E+00	2.78E-10	9.35E-09	1.49E-03	4.54E-06	3.38E-03	0.00E+00	2.53E+00	7.15E-09	2.53E+00	2.54E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
VS112PJ	1.21E-03	1.90E-01	0.00E+00	1.90E-01	0.00E+00	0.00E+00	1.25E-01	7.15E-08	5.65E-04	6.20E-03	0.00E+00	0.00E+00	3.34E-12	6.47E-11	4.64E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	6.68E-03	2.66E+00	0.00E+00	2.92E-10	9.81E-09	1.56E-03	4.76E-06	3.54E-03	0.00E+00	2.66E+00	7.49E-09	2.66E+00	2.66E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04
VS112PM	1.15E-03	1.81E-01	0.00E+00	1.81E-01	0.00E+00	0.00E+00	1.19E-01	6.81E-08	5.39E-04	5.91E-03	0.00E+00	0.00E+00	3.19E-12	6.17E-11	4.42E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-05	6.37E-03	2.53E+00	0.00E+00	2.78E-10	9.35E-09	1.49E-03	4.54E-06	3.38E-03	0.00E+00	2.53E+00	7.15E-09	2.53E+00	2.54E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
VS112PP	1.34E-03	2.11E-01	0.00E+00	2.11E-01	0.00E+00	0.00E+00	1.38E-01	7.92E-08	6.27E-04	6.88E-03	0.00E+00	0.00E+00	3.71E-12	7.18E-11	5.14E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-05	7.41E-03	2.95E+00	0.00E+00	3.24E-10	1.09E-08	1.73E-03	5.28E-06	3.93E-03	0.00E+00	2.95E+00	8.31E-09	2.95E+00	2.95E+00	3.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04
VS112PR	1.27E-03	2.00E-01	0.00E+00	2.00E-01	0.00E+00	0.00E+00	1.31E-01	7.51E-08	5.94E-04	6.52E-03	0.00E+00	0.00E+00	3.52E-12	6.81E-11	4.88E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	7.03E-03	2.80E+00	0.00E+00	3.07E-10	1.03E-08	1.65E-03	5.01E-06	3.73E-03	0.00E+00	2.80E+00	7.88E-09	2.80E+00	2.80E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
VS112PS	1.35E-03	2.12E-01	0.00E+00	2.12E-01	0.00E+00	0.00E+00	1.39E-01	7.97E-08	6.31E-04	6.92E-03	0.00E+00	0.00E+00	3.73E-12	7.22E-11	5.18E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-05	7.46E-03	2.96E+00	0.00E+00	3.26E-10	1.09E-08	1.75E-03	5.31E-06	3.96E-03	0.00E+00	2.96E+00	8.36E-09	2.96E+00	2.97E+00	3.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04
VS112PY	1.27E-03	2.00E-01	0.00E+00	2.00E-01	0.00E+00	0.00E+00	1.31E-01	7.51E-08	5.94E-04	6.52E-03	0.00E+00	0.00E+00	3.52E-12	6.81E-11	4.88E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	7.03E-03	2.80E+00	0.00E+00	3.07E-10	1.03E-08	1.65E-03	5.01E-06	3.73E-03	0.00E+00	2.80E+00	7.88E-09	2.80E+00	2.80E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
VS112TA	1.25E-03	1.97E-01	0.00E+00	1.97E-01	0.00E+00	0.00E+00	1.30E-01	7.42E-08	5.87E-04	6.44E-03	0.00E+00	0.00E+00	3.47E-12	6.72E-11	4.81E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	6.94E-03	2.76E+00	0.00E+00	3.03E-10	1.02E-08	1.62E-03	4.94E-06	3.68E-03	0.00E+00	2.76E+00	7.78E-09	2.76E+00	2.76E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04

VS112TD	1.22E-03	1.92E-01	0.00E+00	1.92E-01	0.00E+00	0.00E+00	1.26E-01	7.23E-08	5.72E-04	6.27E-03	0.00E+00	0.00E+00	3.38E-12	6.55E-11	4.69E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	6.76E-03	2.69E+00	0.00E+00	2.95E-10	9.92E-09	1.58E-03	4.82E-06	3.58E-03	0.00E+00	2.69E+00	7.58E-09	2.69E+00	2.69E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	7.31E-04
VS112TE	1.19E-03	1.88E-01	0.00E+00	1.88E-01	0.00E+00	0.00E+00	1.24E-01	7.08E-08	5.60E-04	6.14E-03	0.00E+00	0.00E+00	3.31E-12	6.41E-11	4.59E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-05	6.62E-03	2.63E+00	0.00E+00	2.89E-10	9.72E-09	1.55E-03	4.72E-06	3.51E-03	0.00E+00	2.63E+00	7.42E-09	2.63E+00	2.64E+00	3.51E-03	0.00E+00	0.00E+00	0.00E+00	7.16E-04
VS112TF	1.16E-03	1.83E-01	0.00E+00	1.83E-01	0.00E+00	0.00E+00	1.20E-01	6.88E-08	5.44E-04	5.97E-03	0.00E+00	0.00E+00	3.22E-12	6.23E-11	4.46E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-05	6.43E-03	2.56E+00	0.00E+00	2.81E-10	9.44E-09	1.50E-03	4.58E-06	3.41E-03	0.00E+00	2.56E+00	7.21E-09	2.56E+00	2.56E+00	3.41E-03	0.00E+00	0.00E+00	0.00E+00	6.96E-04
VS112TJ	1.23E-03	1.94E-01	0.00E+00	1.94E-01	0.00E+00	0.00E+00	1.27E-01	7.30E-08	5.77E-04	6.34E-03	0.00E+00	0.00E+00	3.42E-12	6.61E-11	4.74E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	6.83E-03	2.71E+00	0.00E+00	2.98E-10	1.00E-08	1.60E-03	4.86E-06	3.62E-03	0.00E+00	2.71E+00	7.66E-09	2.71E+00	2.72E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	7.39E-04
VS112TM	1.22E-03	1.92E-01	0.00E+00	1.92E-01	0.00E+00	0.00E+00	1.26E-01	7.23E-08	5.72E-04	6.27E-03	0.00E+00	0.00E+00	3.38E-12	6.55E-11	4.69E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	6.76E-03	2.69E+00	0.00E+00	2.95E-10	9.92E-09	1.58E-03	4.82E-06	3.58E-03	0.00E+00	2.69E+00	7.58E-09	2.69E+00	2.69E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	7.31E-04
VS112TP	1.37E-03	2.16E-01	0.00E+00	2.16E-01	0.00E+00	0.00E+00	1.42E-01	8.11E-08	6.42E-04	7.04E-03	0.00E+00	0.00E+00	3.80E-12	7.35E-11	5.26E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	7.59E-03	3.01E+00	0.00E+00	3.31E-10	1.11E-08	1.78E-03	5.40E-06	4.02E-03	0.00E+00	3.01E+00	8.51E-09	3.01E+00	3.02E+00	4.02E-03	0.00E+00	0.00E+00	0.00E+00	8.21E-04
VS112TR	1.27E-03	2.00E-01	0.00E+00	2.00E-01	0.00E+00	0.00E+00	1.31E-01	7.53E-08	5.95E-04	6.53E-03	0.00E+00	0.00E+00	3.53E-12	6.82E-11	4.88E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	7.04E-03	2.80E+00	0.00E+00	3.08E-10	1.03E-08	1.65E-03	5.02E-06	3.73E-03	0.00E+00	2.80E+00	7.90E-09	2.80E+00	2.80E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	7.62E-04
VS112TS	1.27E-03	2.00E-01	0.00E+00	2.00E-01	0.00E+00	0.00E+00	1.31E-01	7.53E-08	5.95E-04	6.53E-03	0.00E+00	0.00E+00	3.53E-12	6.82E-11	4.88E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	7.04E-03	2.80E+00	0.00E+00	3.08E-10	1.03E-08	1.65E-03	5.02E-06	3.73E-03	0.00E+00	2.80E+00	7.90E-09	2.80E+00	2.80E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	7.62E-04
VS112TY	1.28E-03	2.03E-01	0.00E+00	2.03E-01	0.00E+00	0.00E+00	1.33E-01	7.61E-08	6.02E-04	6.61E-03	0.00E+00	0.00E+00	3.57E-12	6.90E-11	4.94E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-05	7.12E-03	2.83E+00	0.00E+00	3.11E-10	1.05E-08	1.67E-03	5.07E-06	3.78E-03	0.00E+00	2.83E+00	7.99E-09	2.83E+00	2.84E+00	3.78E-03	0.00E+00	0.00E+00	0.00E+00	7.71E-04
VS118PA	1.67E-03	2.63E-01	0.00E+00	2.63E-01	0.00E+00	0.00E+00	1.72E-01	9.89E-08	7.82E-04	8.58E-03	0.00E+00	0.00E+00	4.63E-12	8.96E-11	6.42E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	9.26E-03	3.68E+00	0.00E+00	4.04E-10	1.36E-08	2.16E-03	6.59E-06	4.91E-03	0.00E+00	3.68E+00	1.04E-08	3.68E+00	3.68E+00	4.91E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
VS118PD	1.67E-03	2.63E-01	0.00E+00	2.63E-01	0.00E+00	0.00E+00	1.72E-01	9.87E-08	7.81E-04	8.57E-03	0.00E+00	0.00E+00	4.63E-12	8.95E-11	6.41E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	9.24E-03	3.67E+00	0.00E+00	4.04E-10	1.36E-08	2.16E-03	6.58E-06	4.90E-03	0.00E+00	3.67E+00	1.04E-08	3.67E+00	3.68E+00	4.90E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
VS118PES	1.74E-03	2.75E-01	0.00E+00	2.75E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.17E-04	8.96E-03	0.00E+00	0.00E+00	4.83E-12	9.35E-11	6.70E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	9.66E-03	3.84E+00	0.00E+00	4.22E-10	1.42E-08	2.26E-03	6.88E-06	5.12E-03	0.00E+00	3.84E+00	1.08E-08	3.84E+00	3.84E+00	5.12E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VS118PF	1.57E-03	2.48E-01	0.00E+00	2.48E-01	0.00E+00	0.00E+00	1.63E-01	9.33E-08	7.38E-04	8.10E-03	0.00E+00	0.00E+00	4.37E-12	8.45E-11	6.06E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05	8.73E-03	3.47E+00	0.00E+00	3.82E-10	1.28E-08	2.04E-03	6.22E-06	4.63E-03	0.00E+00	3.47E+00	9.80E-09	3.47E+00	3.48E+00	4.63E-03	0.00E+00	0.00E+00	0.00E+00	9.44E-04
VS118PJ	1.67E-03	2.63E-01	0.00E+00	2.63E-01	0.00E+00	0.00E+00	1.72E-01	9.89E-08	7.82E-04	8.58E-03	0.00E+00	0.00E+00	4.63E-12	8.96E-11	6.42E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	9.26E-03	3.68E+00	0.00E+00	4.04E-10	1.36E-08	2.16E-03	6.59E-06	4.91E-03	0.00E+00	3.68E+00	1.04E-08	3.68E+00	3.68E+00	4.91E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
VS118PJ1	1.70E-03	2.68E-01	0.00E+00	2.68E-01	0.00E+00	0.00E+00	1.76E-01	1.01E-07	7.98E-04	8.74E-03	0.00E+00	0.00E+00	4.72E-12	9.13E-11	6.55E-04	0.00E+00	0.00E+00	0.00E+00	2.38E-05	9.43E-03	3.75E+00	0.00E+00	4.11E-10	1.38E-08	2.21E-03	6.72E-06	5.00E-03	0.00E+00	3.75E+00	1.06E-08	3.75E+00	3.75E+00	5.00E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03
VS118PM	6.19E-04	9.78E-02	0.00E+00	9.78E-02	0.00E+00	0.00E+00	6.42E-02	3.66E-08	2.91E-04	3.19E-03	0.00E+00	0.00E+00	1.72E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-06	3.44E-03	1.37E+00	0.00E+00	1.50E-10	5.03E-09	8.03E-04	2.44E-06	1.83E-03	0.00E+00	1.37E+00	3.85E-09	1.37E+00	1.36E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	3.71E-04
VS118PP	1.75E-03	2.77E-01	0.00E+00	2.77E-01	0.00E+00	0.00E+00	1.81E-01	1.04E-07	8.22E-04	9.02E-03	0.00E+00	0.00E+00	4.87E-12	9.41E-11	6.74E-04	0.00E+00	0.00E+00	0.00E+00	2.45E-05	9.72E-03	3.86E+00	0.00E+00	4.24E-10	1.43E-08	2.27E-03	6.92E-06	5.15E-03	0.00E+00	3.86E+00	1.09E-08	3.86E+00	3.87E+00	5.15E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-03
VS118PS	1.77E-03	2.79E-01	0.00E+00	2.79E-01	0.00E+00	0.00E+00	1.83E-01	1.05E-07	8.30E-04	9.10E-03	0.00E+00	0.00E+00	4.91E-12	9.50E-11	6.81E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-05	9.81E-03	3.90E+00	0.00E+00	4.29E-10	1.44E-08	2.30E-03	6.99E-06	5.20E-03	0.00E+00	3.90E+00	1.10E-08	3.90E+00	3.91E+00	5.20E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-03
VS118PT	2.11E-03	3.33E-01	0.00E+00	3.33E-01	0.00E+00	0.00E+00	2.18E-01	1.25E-07	9.89E-04	1.09E-02	0.00E+00	0.00E+00	5.86E-12	1.13E-10	8.12E-04	0.00E+00	0.00E+00	0.00E+00	2.95E-05	1.17E-02	4.65E+00	0.00E+00	5.11E-10	1.72E-08	2.74E-03	8.33E-06	6.20E-03	0.00E+00	4.65E+00	1.31E-08	4.65E+00	4.66E+00	6.20E-03	0.00E+00	0.00E+00	0.00E+00	1.27E-03
VS118PY	1.74E-03	2.74E-01	0.00E+00	2.74E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.14E-04	8.93E-03	0.00E+00	0.00E+00	4.82E-12	9.32E-11	6.68E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	9.63E-03	3.82E+00	0.00E+00	4.20E-10	1.41E-08	2.25E-03	6.86E-06	5.11E-03	0.00E+00	3.82E+00	1.08E-08	3.82E+00	3.83E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VS118TA	1.70E-03	2.68E-01	0.00E+00	2.68E-01	0.00E+00	0.00E+00	1.76E-01	1.01E-07	7.98E-04	8.74E-03	0.00E+00	0.00E+00	4.72E-12	9.13E-11	6.55E-04	0.00E+00	0.00E+00	0.00E+00	2.38E-05	9.43E-03	3.75E+00	0.00E+00	4.11E-10	1.38E-08	2.21E-03	6.72E-06	5.00E-03	0.00E+00	3.75E+00	1.06E-08	3.75E+00	3.75E+00	5.00E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03
VS118TD	1.73E-03	2.73E-01	0.00E+00	2.73E-01	0.00E+00	0.00E+00	1.79E-01	1.03E-07	8.11E-04	8.90E-03	0.00E+00	0.00E+00	4.80E-12	9.29E-11	6.66E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	9.59E-03	3.81E+00	0.00E+00	4.19E-10	1.41E-08	2.24E-03	6.83E-06	5.09E-03	0.00E+00	3.81E+00	1.08E-08	3.81E+00	3.82E+00	5.09E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VS118TES	1.78E-03	2.76E-01	0.00E+00	2.76E-01	0.00E+00	0.00E+00	1.81E-01	1.04E-07	8.22E-04	9.01E-03	0.00E+00	0.00E+00	4.86E-12	9.41E-11	6.74E-04	0.00E+00	0.00E+00	0.00E+00	2.45E-05	9.72E-03	3.86E+00	0.00E+00	4.24E-10	1.43E-08	2.27E-03	6.92E-06	5.15E-03	0.00E+00	3.86E+00	1.09E-08	3.86E+00	3.87E+00	5.15E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-03
VS118TF	1.57E-03	2.48E-01	0.00E+00	2.48E-01	0.00E+00	0.00E+00	1.63E-01	9.32E-08	7.37E-04	8.09E-03	0.00E+00	0.00E+00	4.37E-12	8.45E-11	6.06E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05	8.72E-03	3.47E+00	0.00E+00	3.81E-10	1.28E-08	2.04E-03	6.21E-06	4.63E-03	0.00E+00	3.47E+00	9.79E-09	3.47E+00	3.47E+00	4.63E-03	0.00E+00	0.00E+00	0.00E+00	9.44E-04
VS118TJ	1.67E-03	2.63E-01	0.00E+00	2.63E-01	0.00E+00	0.00E+00	1.72E-01	9.89E-08	7.82E-04	8.58E-03	0.00E+00	0.00E+00	4.63E-12	8.96E-11	6.42E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	9.26E-03	3.68E+00	0.00E+00	4.04E-10	1.36E-08	2.16E-03	6.59E-06	4.91E-03	0.00E+00	3.68E+00	1.04E-08	3.68E+00	3.68E+00	4.91E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03
VS118TJ1	1.73E-03	2.73E-01	0.00E+00	2.73E-01	0.00E+00	0.00E+00	1.79E-01	1.03E-07	8.12E-04	8.91E-03	0.00E+00	0.00E+00	4.81E-12	9.30E-11	6.66E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	9.61E-03	3.82E+00	0.00E+00	4.19E-10	1.41E-08	2.25E-03	6.84E-06	5.09E-03	0.00E+00	3.82E+00	1.08E-08	3.82E+00	3.82E+00	5.09E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VS118TM	1.74E-03	2.73E-01	0.00E+00	2.73E-01	0.00E+00	0.00E+00	1.79E-01	1.03E-07	8.13E-04	8.91E-03	0.00E+00	0.00E+00	4.81E-12	9.31E-11	6.67E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	9.61E-03	3.82E+00	0.00E+00	4.19E-10	1.41E-08	2.25E-03	6.85E-06	5.10E-03	0.00E+00	3.82E+00	1.08E-08	3.82E+00	3.83E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VS118TP	1.85E-03	2.78E-01	0.00E+00	2.78E-01	0.00E+00	0.00E+00	1.83E-01	1.05E-07	8.28E-04	9.08E-03	0.00E+00	0.00E+00	4.90E-12	9.48E-11	6.80E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-05	9.80E-03	3.89E+00	0.00E+00	4.27E-10	1.44E-08	2.29E-03	6.98E-06	5.20E-03	0.00E+00	3.89E+00	1.10E-08	3.89E+00	3.89E+00	5.20E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-03
VS118TS	1.78E-03	2.76E-01	0.00E+00	2.76E-01	0.00E+00	0.00E+00	1.81E-01	1.04E-07	8.21E-04	9.01E-03	0.00E+00	0.00E+00	4.86E-12	9.40E-11	6.74E-04	0.00E+00	0.00E+00	0.00E+00	2.45E-05	9.71E-03	3.86E+00	0.00E+00	4.24E-10	1.42E-08	2.27E-03	6.92E-06	5.15E-03	0.00E+00	3.86E+00	1.09E-08	3.86E+00	3.86E+00	5.15E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-03
VS122PD	1.86E-03	2.92E-01	0.00E+00	2.92E-01	0.00E+00	0.00E+00	1.92E-01	1.10E-07	8.68E-04	9.51E-03	0.00E+00	0.00E+00	5.14E-12	9.95E-11	7.12E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-05	1.03E-02	4.08E+00	0.00E+00	4.49E-10	1.51E-08	2.40E-03	7.32E-06	5.45E-03	0.00E+00	4.08E+00	1.15E-08	4.08E+00	4.09E+00	5.45E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-03
VS122PF	1.86E-03	2.94E-01	0.00E+00	2.94E-01	0.00E+00	0.00E+00	1.93E-01	1.10E-07	8.73E-04	9.57E-03	0.00E+00	0.00E+00	5.17E-12	1.00E-10	7.17E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	1.03E-02	4.11E+00	0.00E+00	4.51E-10	1.52E-08	2.42E-03	7.36E-06	5.48E-03	0.00E+00	4.11E+00	1.16E-08	4.11E+00	4.11E+00	5.48E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-03
VS122PJ	1.85E-03	2.94E-01	0.00E+00	2.94E-01	0.00E+00	0.00E+00	1.93E-01	1.10E-07	8.72E-04	9.56E-03	0.00E+00	0.00E+00	5.16E-12	1.00E-10	7.16E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	1.03E-02	4.10E+00	0.00E+00	4.51E-10	1.51E-08	2.41E-03	7.35E-06	5.48E-03	0.00E+00	4.10E+00	1.16E-08	4.10E+00	4.11E+00	5.48E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-03
VS122PM	2.11E-03	3.27E-01	0.00E+00	3.27E-01	0.00E+00	0.00E+00	2.15E-01	1.23E-07	9.72E-04	1.07E-02	0.00E+00	0.00E+00	5.76E-12	1.11E-10	7.98E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	1.15E-02	4.57E+00	0.00E+00	5.02E-10	1.69E-08	2.69E-03	8.19E-06	6.10E-03	0.00E+00	4.57E+00	1.29E-08	4.57E+00	4.57E+00	6.10E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VS122PP	2.11E-03	3.33E-01	0.00E+00	3.33E-01	0.00E+00	0.00E+00	2.19E-01	1.25E-07	9.91E-04	1.09E-02	0.00E+00	0.00E+00	5.87E-12	1.14E-10	8.13E-04	0.00E+00	0.00E+00	0.00E+00	2.95E-05	1.17E-02	4.66E+00	0.00E+00	5.12E-10	1.72E-08	2.74E-03	8.35E-06	6.22E-03	0.00E+00	4.66E+00	1.31E-08	4.66E+00	4.66E+00	6.22E-03	0.00E+00	0.00E+00	0.00E+00	1.27E-03
VS122PS	2.10E-03	3.30E-01	0.00E+00	3.30E-01	0.00E+00	0.00E+00	2.17E-01	1.24E-07	9.82E-04	1.08E-02	0.00E+00	0.00E+00	5.81E-12	1.12E-10	8.06E-04	0.00E+00	0.00E+00	0.00E+00	2.93E-05	1.16E-02	4.62E+00	0.00E+00	5.07E-10	1.70E-08	2.72E-03	8.27E-06	6.16E-03	0.00E+00	4.62E+00	1.30E-08	4.62E+00	4.62E+00	6.16E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-03
VS122PY	2.11E-03	3.27E-01	0.00E+00	3.27E-01	0.00E+00	0.00E+00	2.15E-01	1.23E-07	9.72E-04	1.07E-02	0.00E+00	0.00E+00	5.76E-12	1.11E-10	7.98E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	1.15E-02	4.57E+00	0.00E+00	5.02E-10	1.69E-08	2.69E-03	8.19E-06	6.10E-03	0.00E+00	4.57E+00	1.29E-08	4.57E+00	4.57E+00	6.10E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VS122TA	2.02E-03	3.18E-01	0.00E+00	3.18E-01	0.00E+00	0.00E+00	2.08E-01	1.19E-07	9.44E-04	1.04E-02	0.00E+00	0.00E+00	5.59E-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
VS122TD	1.69E-03	2.62E-01	0.00E+00	2.62E-01	0.00E+00	0.00E+00	1.72E-01	9.84E-08	7.78E-04	8.53E-03	0.00E+00	0.00E+00	4.61E-12	8.92E-11	6.39E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	9.21E-03	3.66E+00	0.00E+00	4.02E-10	1.35E-08	2.15E-03	6.56E-06	4.89E-03	0.00E+00	3.66E+00	1.03E-08	3.66E+00	3.67E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	9.96E-04
VS122TF	1.88E-03	2.90E-01	0.00E+00	2.90E-01	0.00E+00	0.00E+00	1.91E-01	1.09E-07	8.63E-04	9.46E-03	0.00E+00	0.00E+00	5.11E-12	9.90E-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	7.28E-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	1.10E-03
VS122TJ	1.85E-03	2.94E-01	0.00E+00	2.94E-01	0.00E+00	0.00E+00	1.93E-01	1.10E-07	8.72E-04	9.56E-03	0.00E+00	0.00E+00	5.16E-12	1.00E-10	7.16E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	1.03E-02	4.10E+00	0.00E+00	4.51E-10	1.51E-08	2.41E-03	7.35E-06	5.48E-03	0.00E+00	4.10E+00	1.16E-08	4.10E+00	4.11E+00	5.48E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-03
VS122TM	2.10E-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	5.77E-12	1.12E-10	8.00E-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	2.70E-03	8.21E-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
VS122TP	2.16E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.13E-01	1.22E-07	9.68E-04	1.06E-02	0.00E+00	0.00E+00	5.72E-12	1.11E-10	7.93E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.14E-02	4.55E+00	0.00E+00	5.00E-10	1.68E-08	2.68E-03	8.14E-06	6.06E-03	0.00E+00	4.55E+00	1.28E-08	4.55E+00	4.55E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VS212PA	1.88E-03	2.86E-01	0.00E+00	2.86E-01	0.00E+00	0.00E+00	1.88E-01	1.07E-07	8.50E-04	9.33E-03	0.00E+00	0.00E+00	5.03E-12	9.74E-11	6.98E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	1.01E-02	4.00E+00	0.00E+00	4.39E-10	1.48E-08	2.35E-03	7.16E-06	5.33E-03	0.00E+00	4.00E+00	1.13E-08	4.00E+00	4.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03
VS212PD	1.77E-03	2.79E-01	0.00E+00	2.79E-01	0.00E+00	0.00E+00	1.83E-01	1.05E-07	8.28E-04	9.09E-03	0.00E+00	0.00E+00	4.90E-12	9.49E-11	6.80E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-05	9.79E-03	3.89E+00	0.00E+00	4.28E-10	1.44E-08	2.29E-03	6.98E-06	5.19E-03	0.00E+00	3.89E+00	1.10E-08	3.89E+00	3.90E+00	5.19E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-03
VS212PE	1.74E-03	2.75E-01	0.00E+00	2.75E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.17E-04	8.96E-03	0.00E+00	0.00E+00	4.83E-12	9.35E-11	6.70E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	9.66E-03	3.84E+00	0.00E+00	4.22E-10	1.42E-08	2.26E-03	6.88E-06	5.12E-03	0.00E+00	3.84E+00	1.08E-08	3.84E+00	3.84E+00	5.12E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VS212PEB	1.65E-03	2.60E-01	0.00E+00	2.60E-01	0.00E+00	0.00E+00	1.71E-01	9.77E-08	7.73E-04	8.48E-03	0.00E+00	0.00E+00	4.58E-12	8.85E-11	6.34E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	9.14E-03	3.63E+00	0.00E+00	3.99E-10	1.34E-08	2.14E-03	6.51E-06	4.85E-03	0.00E+00	3.63E+00	1.03E-08	3.63E+00	3.64E+00	4.85E-03	0.00E+00	0.00E+00	0.00E+00	9.89E-04
VS212PF	1.78E-03	2.76E-01	0.00E+00	2.76E-01	0.00E+00	0.00E+00	1.81E-01	1.04E-07	8.22E-04	9.01E-03	0.00E+00	0.00E+00	4.86E-12	9.41E-11	6.74E-04	0.00E+00	0.00E+00	0.00E+00	2.45E-05	9.72E-03	3.86E+00	0.00E+00	4.24E-10	1.43E-08	2.27E-03	6.92E-06	5.15E-03	0.00E+00	3.86E+00	1.09E-08	3.86E+00	3.87E+00	5.15E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-03
VS212PJ	1.83E-03	2.89E-01	0.00E+00	2.89E-01	0.00E+00	0.00E+00	1.90E-01	1.09E-07	8.60E-04	9.43E-03	0.00E+00	0.00E+00	5.09E-12	9.85E-11	7.06E-04	0.00E+00	0.00E+00	0.00E+00	2.56E-05	1.02E-02	4.04E+00	0.00E+00	4.44E-10	1.49E-08	2.38E-03	7.24E-06	5.39E-03	0.00E+00	4.04E+00	1.14E-08	4.04E+00	4.05E+00	5.39E-03	0.00E+00	0.00E+00	0.00E+00	1.10E-03
VS212PM	1.82E-03	2.86E-01	0.00E+00	2.86E-01	0.00E+00	0.00E+00	1.88E-01	1.07E-07	8.50E-04	9.33E-03	0.00E+00	0.00E+00	5.04E-12	9.74E-11	6.98E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	1.01E-02	4.00E+00	0.00E+00	4.39E-10	1.48E-08	2.35E-03	7.16E-06	5.33E-03	0.00E+00	4.00E+00	1.13E-08	4.00E+00	4.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03
VS212PP	1.52E-03	2.40E-01	0.00E+00	2.40E-01	0.00E+00	0.00E+00	1.58E-01	9.03E-08	7.15E-04	7.84E-03	0.00E+00	0.00E+00	4.23E-12	8.18E-11	5.86E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05	8.45E-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	9.14E-04
VS212PR	2.07E-03	3.23E-01	0.00E+00	3.23E-01	0.00E+00	0.00E+00	2.12E-01	1.22E-07	9.61E-04	1.05E-02	0.00E+00	0.00E+00	5.69E-12	1.10E-10	7.89E-04	0.00E+00	0.00E+00	0.00E+00	2.86E-05	1.14E-02	4.52E+00	0.00E+00	4.97E-10	1.67E-08	2.66E-03	8.10E-06	6.03E-03	0.00E+00	4.52E+00	1.27E-08	4.52E+00	4.52E+00	6.03E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-03
VS212PS	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
VS212PT	2.47E-03	3.89E-01	0.00E+00	3.89E-01	0.00E+00	0.00E+00	2.55E-01	1.46E-07	1.16E-03	1.27E-02	0.00E+00	0.00E+00	6.85E-12	1.33E-10	9.50E-04	0.00E+00	0.00E+00	0.00E+00	3.45E-05	1.37E-02	5.44E+00	0.00E+00	5.98E-10	2.01E-08	3.20E-03	9.75E-06	7.26E-03	0.00E+00	5.44E+00	1.54E-08	5.44E+00	5.45E+00	7.26E-03	0.00E+00	0.00E+00	0.00E+00	1.48E-03
VS212PY	1.86E-03	2.94E-01	0.00E+00	2.94E-01	0.00E+00	0.00E+00	1.93E-01	1.10E-07	8.73E-04	9.57E-03	0.00E+00	0.00E+00	5.17E-12	1.00E-10	7.17E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	1.03E-02	4.11E+00	0.00E+00	4.51E-10	1.52E-08	2.42E-03	7.36E-06	5.48E-03	0.00E+00	4.11E+00	1.16E-08	4.11E+00	4.11E+00	5.48E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-03
VS212PZB	1.50E-03	2.36E-01	0.00E+00	2.36E-01	0.00E+00	0.00E+00	1.55E-01	8.87E-08	7.02E-04	7.70E-03	0.00E+00	0.00E+00	4.16E-12	8.04E-11	5.76E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	8.30E-03	3.30E+00	0.00E+00	3.62E-10	1.22E-08	1.94E-03	5.91E-06	4.40E-03	0.00E+00	3.30E+00	9.31E-09	3.30E+00	3.30E+00	4.40E-03	0.00E+00	0.00E+00	0.00E+00	8.98E-04
VS212TA	1.83E-03	2.89E-01	0.00E+00	2.89E-01	0.00E+00	0.00E+00	1.90E-01	1.09E-07	8.60E-04	9.43E-03	0.00E+00	0.00E+00	5.09E-12	9.85E-11	7.06E-04	0.00E+00	0.00E+00	0.00E+00	2.56E-05	1.02E-02	4.04E+00	0.00E+00	4.44E-10	1.49E-08	2.38E-03	7.24E-06	5.39E-03	0.00E+00	4.04E+00	1.14E-08	4.04E+00	4.05E+00	5.39E-03	0.00E+00	0.00E+00	0.00E+00	1.10E-03
VS212TD	1.83E-03	2.88E-01	0.00E+00	2.88E-01	0.00E+00	0.00E+00	1.89E-01	1.08E-07	8.58E-04	9.41E-03	0.00E+00	0.00E+00	5.08E-12	9.82E-11	7.04E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-05	1.01E-02	4.03E+00	0.00E+00	4.43E-10	1.49E-08	2.37E-03	7.22E-06	5.38E-03	0.00E+00	4.03E+00	1.14E-08	4.03E+00	4.04E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	1.10E-03
VS212TE	1.78E-03	2.78E-01	0.00E+00	2.78E-01	0.00E+00	0.00E+00	1.82E-01	1.04E-07	8.27E-04	9.07E-03	0.00E+00	0.00E+00	4.89E-12	9.47E-11	6.78E-04	0.00E+00	0.00E+00	0.00E+00	2.46E-05	9.77E-03	3.88E+00	0.00E+00	4.27E-10	1.43E-08	2.29E-03	6.95E-06	5.18E-03	0.00E+00	3.88E+00	1.10E-08	3.88E+00	3.89E+00	5.18E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-03
VS212TF	1.74E-03	2.74E-01	0.00E+00	2.74E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.13E-04	8.92E-03	0.00E+00	0.00E+00	4.82E-12	9.32E-11	6.67E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	9.62E-03	3.82E+00	0.00E+00	4.20E-10	1.41E-08	2.25E-03	6.85E-06	5.10E-03	0.00E+00	3.82E+00	1.08E-08	3.82E+00	3.83E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VS212TJ	1.86E-03	2.94E-01	0.00E+00	2.94E-01	0.00E+00	0.00E+00	1.93E-01	1.10E-07	8.73E-04	9.57E-03	0.00E+00	0.00E+00	5.17E-12	1.00E-10	7.17E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	1.03E-02	4.11E+00	0.00E+00	4.51E-10	1.52E-08	2.42E-03	7.36E-06	5.48E-03	0.00E+00	4.11E+00	1.16E-08	4.11E+00	4.11E+00	5.48E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-03
VS212TM	1.82E-03	2.86E-01	0.00E+00	2.86E-01	0.00E+00	0.00E+00	1.88E-01	1.07E-07	8.50E-04	9.33E-03	0.00E+00	0.00E+00	5.04E-12	9.74E-11	6.98E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	1.01E-02	4.00E+00	0.00E+00	4.39E-10	1.48E-08	2.35E-03	7.16E-06	5.33E-03	0.00E+00	4.00E+00	1.13E-08	4.00E+00	4.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03
VS212TR	1.69E-03	2.62E-01	0.00E+00	2.62E-01	0.00E+00	0.00E+00	1.72E-01	9.84E-08	7.78E-04	8.53E-03	0.00E+00	0.00E+00	4.61E-12	8.92E-11	6.39E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	9.21E-03	3.66E+00	0.00E+00	4.02E-10	1.35E-08	2.15E-03	6.56E-06	4.89E-03	0.00E+00	3.66E+00	1.03E-08	3.66E+00	3.67E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	9.96E-04
VS212TS	1.82E-03	2.86E-01	0.00E+00	2.86E-01	0.00E+00	0.00E+00	1.88E-01	1.07E-07	8.50E-04	9.33E-03	0.00E+00	0.00E+00	5.04E-12	9.74E-11	6.98E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	1.01E-02	4.00E+00	0.00E+00	4.39E-10	1.48E-08	2.35E-03	7.16E-06	5.33E-03	0.00E+00	4.00E+00	1.13E-08	4.00E+00	4.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03
VS212TY	1.94E-03	3.06E-01	0.00E+00	3.06E-01	0.00E+00	0.00E+00	2.01E-01	1.15E-07	9.10E-04	9.98E-03	0.00E+00	0.00E+00	5.39E-12	1.04E-10	7.47E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05	1.08E-02	4.28E+00	0.00E+00	4.70E-10	1.58E-08	2.52E-03	7.66E-06	5.71E-03	0.00E+00	4.28E+00	1.21E-08	4.28E+00	4.28E+00	5.71E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-03
VS218PA	2.33E-03	3.67E-01	0.00E+00	3.67E-01	0.00E+00	0.00E+00	2.41E-01	1.38E-07	1.09E-03	1.20E-02	0.00E+00	0.00E+00	6.46E-12	1.25E-10	8.96E-04	0.00E+00	0.00E+00	0.00E+00	3.25E-05	1.29E-02	5.13E+00	0.00E+00	5.64E-10	1.89E-08	3.02E-03	9.19E-06	6.85E-03	0.00E+00	5.13E+00	1.45E-08	5.13E+00	5.14E+00	6.85E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-03
VS218PD	2.33E-03	3.68E-01	0.00E+00	3.68E-01	0.00E+00	0.00E+00	2.41E-01	1.38E-07	1.09E-03	1.20E-02	0.00E+00	0.00E+00	6.47E-12	1.25E-10	8.97E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-05	1.29E-02	5.14E+00	0.00E+00	5.65E-10	1.90E-08	3.03E-03	9.21E-06	6.86E-03	0.00E+00	5.14E+00	1.45E-08	5.14E+00	5.15E+00	6.86E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-03
VS218PDE	2.16E-03	3.40E-01	0.00E+00	3.40E-01	0.00E+00	0.00E+00	2.23E-01	1.28E-07	1.01E-03	1.11E-02	0.00E+00	0.00E+00	5.98E-12	1.16E-10	8.29E-04	0.00E+00	0.00E+00	0.00E+00	3.01E-05	1.19E-02	4.75E+00	0.00E+00	5.22E-10	1.75E-08	2.80E-03	8.51E-06	6.34E-03	0.00E+00	4.75E+00	1.34E-08	4.75E+00	4.75E+00	6.34E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03
VS218PES	2.40E-03	3.79E-01	0.00E+00	3.79E-01	0.00E+00	0.00E+00	2.48E-01	1.42E-07	1.13E-03	1.23E-02	0.00E+00	0.00E+00	6.66E-12	1.29E-10	9.24E-04	0.00E+00	0.00E+00	0.00E+00	3.35E-05	1.33E-02	5.29E+00	0.00E+00	5.81E-10	1.95E-08	3.11E-03	9.48E-06	7.06E-03	0.00E+00	5.29E+00	1.49E-08	5.29E+00	5.30E+00	7.06E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-03
VS218PF	2.22E-03	3.49E-01	0.00E+00	3.49E-01	0.00E+00	0.00E+00	2.29E-01	1.31E-07	1.04E-03	1.14E-02	0.00E+00	0.00E+00	6.15E-12	1.19E-10	8.52E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05	1.23E-02	4.88E+00	0.00E+00	5.36E-10	1.80E-08	2.87E-03	8.74E-06	6.51E-03	0.00E+00	4.88E+00	1.38E-08	4.88E+00	4.89E+00	6.51E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-03
VS218PJ	2.28E-03	3.60E-01	0.00E+00	3.60E-01	0.00E+00	0.00E+00	2.36E-01	1.35E-07	1.07E-03	1.17E-02	0.00E+00	0.00E+00	6.34E-12	1.23E-10	8.78E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-05	1.27E-02	5.03E+00	0.00E+00	5.53E-10	1.86E-08	2.96E-03	9.01E-06	6.71E-03	0.00E+00	5.03E+00	1.42E-08	5.03E+00	5.04E+00	6.71E-03	0.00E+00	0.00E+00	0.00E+00	1.37E-03
VS218PJ1	2.44E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.53E-01	1.45E-07	1.14E-03	1.26E-02	0.00E+00	0.00E+00	6.78E-12	1.31E-10	9.39E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	1.35E-02	5.38E+00	0.00E+00	5.91E-10	1.99E-08	3.17E-03	9.64E-06	7.18E-03	0.00E+00	5.38E+00	1.52E-08	5.38E+00	5.39E+00	7.18E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
VS218PM	2.56E-03	3.88E-01	0.00E+00	3.88E-01	0.00E+00	0.00E+00	2.54E-01	1.46E-07	1.15E-03	1.26E-02	0.00E+00	0.00E+00	6.82E-12	1.32E-10	9.46E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-05	1.36E-02	5.42E+00	0.00E+00	5.95E-10	2.00E-08	3.19E-03	9.71E-06	7.23E-03	0.00E+00	5.42E+00	1.53E-08	5.42E+00	5.42E+00	7.23E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-03
VS218PP	2.42E-03	3.82E-01	0.00E+00	3.82E-01	0.00E+00	0.00E+00	2.51E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.73E-12	1.30E-10	9.32E-04	0.00E+00	0.00E+00	0.00E+00	3.38E-05	1.34E-02	5.34E+00	0.00E+00	5.87E-10	1.97E-08	3.14E-03	9.57E-06	7.13E-03	0.00E+00	5.34E+00	1.51E-08	5.34E+00	5.35E+00	7.13E-03	0.00E+00	0.00E+00	0.00E+00	1.45E-03
VS218PS	2.44E-03	3.84E-01	0.00E+00	3.84E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.76E-12	1.31E-10	9.38E-04	0.00E+00	0.00E+00	0.00E+00	3.40E-05	1.35E-02	5.37E+00	0.00E+00	5.90E-10	1.98E-08	3.16E-03	9.62E-06	7.17E-03	0.00E+00	5.37E+00	1.52E-08	5.37E+00	5.38E+00	7.17E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03

VS218PT	3.25E-03	5.12E-01	0.00E+00	5.12E-01	0.00E+00	0.00E+00	3.36E-01	1.92E-07	1.52E-03	1.67E-02	0.00E+00	0.00E+00	9.01E-12	1.74E-10	1.25E-03	0.00E+00	0.00E+00	0.00E+00	4.53E-05	1.80E-02	7.15E+00	0.00E+00	7.86E-10	2.64E-08	4.21E-03	1.28E-05	9.55E-03	0.00E+00	7.15E+00	2.02E-08	7.15E+00	7.16E+00	9.55E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-03
VS218PY	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	9.59E-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
VS218TA	2.41E-03	3.78E-01	0.00E+00	3.78E-01	0.00E+00	0.00E+00	2.48E-01	1.42E-07	1.12E-03	1.23E-02	0.00E+00	0.00E+00	6.65E-12	1.29E-10	9.22E-04	0.00E+00	0.00E+00	0.00E+00	3.35E-05	1.33E-02	5.28E+00	0.00E+00	5.80E-10	1.95E-08	3.11E-03	9.46E-06	7.05E-03	0.00E+00	5.28E+00	1.49E-08	5.28E+00	5.29E+00	7.05E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-03
VS218TD	2.37E-03	3.74E-01	0.00E+00	3.74E-01	0.00E+00	0.00E+00	2.45E-01	1.41E-07	1.11E-03	1.22E-02	0.00E+00	0.00E+00	6.59E-12	1.27E-10	9.13E-04	0.00E+00	0.00E+00	0.00E+00	3.31E-05	1.32E-02	5.23E+00	0.00E+00	5.74E-10	1.93E-08	3.08E-03	9.37E-06	6.98E-03	0.00E+00	5.23E+00	1.48E-08	5.23E+00	5.23E+00	6.98E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-03
VS218TES	2.58E-03	3.90E-01	0.00E+00	3.90E-01	0.00E+00	0.00E+00	2.56E-01	1.47E-07	1.16E-03	1.27E-02	0.00E+00	0.00E+00	6.87E-12	1.33E-10	9.52E-04	0.00E+00	0.00E+00	0.00E+00	3.46E-05	1.37E-02	5.45E+00	0.00E+00	5.99E-10	2.01E-08	3.21E-03	9.77E-06	7.28E-03	0.00E+00	5.45E+00	1.54E-08	5.45E+00	5.46E+00	7.28E-03	0.00E+00	0.00E+00	0.00E+00	1.48E-03
VS218TF	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	6.22E-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
VS218TJ	2.36E-03	3.73E-01	0.00E+00	3.73E-01	0.00E+00	0.00E+00	2.44E-01	1.40E-07	1.11E-03	1.22E-02	0.00E+00	0.00E+00	6.56E-12	1.27E-10	9.09E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05	1.31E-02	5.21E+00	0.00E+00	5.72E-10	1.92E-08	3.07E-03	9.33E-06	6.95E-03	0.00E+00	5.21E+00	1.47E-08	5.21E+00	5.21E+00	6.95E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-03
VS218TJ1	2.54E-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	9.78E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	1.41E-02	5.60E+00	0.00E+00	6.16E-10	2.07E-08	3.30E-03	1.00E-05	7.48E-03	0.00E+00	5.60E+00	1.58E-08	5.60E+00	5.61E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-03
VS218TM	2.54E-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	9.78E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	1.41E-02	5.60E+00	0.00E+00	6.16E-10	2.07E-08	3.30E-03	1.00E-05	7.48E-03	0.00E+00	5.60E+00	1.58E-08	5.60E+00	5.61E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-03
VS218TP	2.48E-03	3.86E-01	0.00E+00	3.86E-01	0.00E+00	0.00E+00	2.53E-01	1.45E-07	1.15E-03	1.26E-02	0.00E+00	0.00E+00	6.79E-12	1.31E-10	9.42E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-05	1.36E-02	5.39E+00	0.00E+00	5.93E-10	1.99E-08	3.18E-03	9.66E-06	7.20E-03	0.00E+00	5.39E+00	1.52E-08	5.39E+00	5.40E+00	7.20E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-03
VS218TS	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	9.59E-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
VS218TY	2.54E-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	9.78E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	1.41E-02	5.60E+00	0.00E+00	6.16E-10	2.07E-08	3.30E-03	1.00E-05	7.48E-03	0.00E+00	5.60E+00	1.58E-08	5.60E+00	5.61E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-03
VS312PA	2.31E-03	3.64E-01	0.00E+00	3.64E-01	0.00E+00	0.00E+00	2.39E-01	1.37E-07	1.08E-03	1.19E-02	0.00E+00	0.00E+00	6.40E-12	1.24E-10	8.87E-04	0.00E+00	0.00E+00	0.00E+00	3.22E-05	1.28E-02	5.08E+00	0.00E+00	5.58E-10	1.88E-08	2.99E-03	9.11E-06	6.78E-03	0.00E+00	5.08E+00	1.43E-08	5.08E+00	5.09E+00	6.78E-03	0.00E+00	0.00E+00	0.00E+00	1.38E-03
VS312PD	2.29E-03	3.62E-01	0.00E+00	3.62E-01	0.00E+00	0.00E+00	2.37E-01	1.36E-07	1.08E-03	1.18E-02	0.00E+00	0.00E+00	6.37E-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	1.87E-08	2.98E-03	9.06E-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	1.38E-03
VS312PE	2.45E-03	3.62E-01	0.00E+00	3.62E-01	0.00E+00	0.00E+00	2.37E-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	3.20E-05	1.27E-02	5.05E+00	0.00E+00	5.55E-10	1.87E-08	2.98E-03	9.06E-06	6.75E-03	0.00E+00	5.05E+00	1.43E-08	5.05E+00	5.06E+00	6.75E-03	0.00E+00	0.00E+00	0.00E+00	1.38E-03
VS312PF	2.16E-03	3.40E-01	0.00E+00	3.40E-01	0.00E+00	0.00E+00	2.23E-01	1.28E-07	1.01E-03	1.11E-02	0.00E+00	0.00E+00	5.98E-12	1.16E-10	8.29E-04	0.00E+00	0.00E+00	0.00E+00	3.01E-05	1.19E-02	4.75E+00	0.00E+00	5.22E-10	1.75E-08	2.80E-03	8.51E-06	6.34E-03	0.00E+00	4.75E+00	1.34E-08	4.75E+00	4.75E+00	6.34E-03	0.00E+00	0.00E+00	0.00E+00	1.29E-03
VS312PJ	2.44E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.77E-12	1.31E-10	9.38E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	1.35E-02	5.37E+00	0.00E+00	5.91E-10	1.98E-08	3.16E-03	9.63E-06	7.17E-03	0.00E+00	5.37E+00	1.52E-08	5.37E+00	5.38E+00	7.17E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
VS312PM	2.33E-03	3.67E-01	0.00E+00	3.67E-01	0.00E+00	0.00E+00	2.41E-01	1.38E-07	1.09E-03	1.20E-02	0.00E+00	0.00E+00	6.46E-12	1.25E-10	8.96E-04	0.00E+00	0.00E+00	0.00E+00	3.25E-05	1.29E-02	5.13E+00	0.00E+00	5.64E-10	1.89E-08	3.02E-03	9.19E-06	6.85E-03	0.00E+00	5.13E+00	1.45E-08	5.13E+00	5.14E+00	6.85E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-03
VS312PP	2.09E-03	3.29E-01	0.00E+00	3.29E-01	0.00E+00	0.00E+00	2.16E-01	1.24E-07	9.78E-04	1.07E-02	0.00E+00	0.00E+00	5.79E-12	1.12E-10	8.02E-04	0.00E+00	0.00E+00	0.00E+00	2.91E-05	1.16E-02	4.59E+00	0.00E+00	5.05E-10	1.70E-08	2.71E-03	8.23E-06	6.13E-03	0.00E+00	4.59E+00	1.30E-08	4.59E+00	4.60E+00	6.13E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-03
VS312PR	2.55E-03	4.02E-01	0.00E+00	4.02E-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	7.07E-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	1.01E-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
VS312PS	2.44E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.53E-01	1.45E-07	1.15E-03	1.26E-02	0.00E+00	0.00E+00	6.78E-12	1.31E-10	9.40E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	1.35E-02	5.38E+00	0.00E+00	5.92E-10	1.99E-08	3.17E-03	9.65E-06	7.18E-03	0.00E+00	5.38E+00	1.52E-08	5.38E+00	5.39E+00	7.18E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-03
VS312PT	3.27E-03	5.16E-01	0.00E+00	5.16E-01	0.00E+00	0.00E+00	3.39E-01	1.94E-07	1.54E-03	1.68E-02	0.00E+00	0.00E+00	9.09E-12	1.76E-10	1.26E-03	0.00E+00	0.00E+00	0.00E+00	4.57E-05	1.82E-02	7.21E+00	0.00E+00	7.93E-10	2.66E-08	4.25E-03	1.29E-05	9.63E-03	0.00E+00	7.21E+00	2.04E-08	7.21E+00	7.22E+00	9.63E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-03
VS312PY	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	9.59E-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
VS312TA	2.36E-03	3.72E-01	0.00E+00	3.72E-01	0.00E+00	0.00E+00	2.44E-01	1.40E-07	1.11E-03	1.21E-02	0.00E+00	0.00E+00	6.55E-12	1.27E-10	9.08E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05	1.31E-02	5.20E+00	0.00E+00	5.71E-10	1.92E-08	3.06E-03	9.32E-06	6.94E-03	0.00E+00	5.20E+00	1.47E-08	5.20E+00	5.21E+00	6.94E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-03
VS312TD	2.35E-03	3.71E-01	0.00E+00	3.71E-01	0.00E+00	0.00E+00	2.43E-01	1.39E-07	1.10E-03	1.21E-02	0.00E+00	0.00E+00	6.52E-12	1.26E-10	9.04E-04	0.00E+00	0.00E+00	0.00E+00	3.28E-05	1.30E-02	5.18E+00	0.00E+00	5.69E-10	1.91E-08	3.05E-03	9.28E-06	6.91E-03	0.00E+00	5.18E+00	1.46E-08	5.18E+00	5.18E+00	6.91E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-03
VS312TE	2.27E-03	3.58E-01	0.00E+00	3.58E-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	6.31E-12	1.22E-10	8.74E-04	0.00E+00	0.00E+00	0.00E+00	3.17E-05	1.26E-02	5.01E+00	0.00E+00	5.50E-10	1.85E-08	2.95E-03	8.98E-06	6.68E-03	0.00E+00	5.01E+00	1.41E-08	5.01E+00	5.01E+00	6.68E-03	0.00E+00	0.00E+00	0.00E+00	1.36E-03
VS312TF	2.00E-03	3.16E-01	0.00E+00	3.16E-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	7.70E-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	2.60E-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
VS312TJ	2.38E-03	3.73E-01	0.00E+00	3.73E-01	0.00E+00	0.00E+00	2.45E-01	1.40E-07	1.11E-03	1.22E-02	0.00E+00	0.00E+00	6.57E-12	1.27E-10	9.10E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05	1.31E-02	5.21E+00	0.00E+00	5.73E-10	1.92E-08	3.07E-03	9.34E-06	6.96E-03	0.00E+00	5.21E+00	1.47E-08	5.21E+00	5.22E+00	6.96E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-03
VS312TM	2.56E-03	3.88E-01	0.00E+00	3.88E-01	0.00E+00	0.00E+00	2.54E-01	1.46E-07	1.15E-03	1.26E-02	0.00E+00	0.00E+00	6.82E-12	1.32E-10	9.46E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-05	1.36E-02	5.42E+00	0.00E+00	5.95E-10	2.00E-08	3.19E-03	9.71E-06	7.23E-03	0.00E+00	5.42E+00	1.53E-08	5.42E+00	5.42E+00	7.23E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-03
VS312TP	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	9.59E-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
VS312TR	2.54E-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	9.78E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	1.41E-02	5.60E+00	0.00E+00	6.16E-10	2.07E-08	3.30E-03	1.00E-05	7.48E-03	0.00E+00	5.60E+00	1.58E-08	5.60E+00	5.61E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-03
VS312TY	2.57E-03	4.06E-01	0.00E+00	4.06E-01	0.00E+00	0.00E+00	2.66E-01	1.52E-07	1.21E-03	1.32E-02	0.00E+00	0.00E+00	7.14E-12	1.38E-10	9.90E-04	0.00E+00	0.00E+00	0.00E+00	3.59E-05	1.43E-02	5.67E+00	0.00E+00	6.23E-10	2.09E-08	3.34E-03	1.02E-05	7.57E-03	0.00E+00	5.67E+00	1.60E-08	5.67E+00	5.68E+00	7.57E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-03
VS318PA	3.26E-03	5.12E-01	0.00E+00	5.12E-01	0.00E+00	0.00E+00	3.36E-01	1.92E-07	1.52E-03	1.67E-02	0.00E+00	0.00E+00	9.00E-12	1.74E-10	1.25E-03	0.00E+00	0.00E+00	0.00E+00	4.53E-05	1.80E-02	7.15E+00	0.00E+00	7.85E-10	2.64E-08	4.21E-03	1.28E-05	9.53E-03	0.00E+00	7.15E+00	2.02E-08	7.15E+00	7.16E+00	9.53E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-03
VS318PD	3.16E-03	4.98E-01	0.00E+00	4.98E-01	0.00E+00	0.00E+00	3.27E-01	1.87E-07	1.48E-03	1.62E-02	0.00E+00	0.00E+00	8.76E-12	1.70E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.41E-05	1.75E-02	6.96E+00	0.00E+00	7.64E-10	2.57E-08	4.10E-03	1.25E-05	9.28E-03	0.00E+00	6.96E+00	1.96E-08	6.96E+00	6.97E+00	9.28E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-03
VS318PES	3.31E-03	5.22E-01	0.00E+00	5.22E-01	0.00E+00	0.00E+00	3.42E-01	1.96E-07	1.55E-03	1.70E-02	0.00E+00	0.00E+00	9.19E-12	1.78E-10	1.27E-03	0.00E+00	0.00E+00	0.00E+00	4.62E-05	1.84E-02	7.29E+00	0.00E+00	8.01E-10	2.69E-08	4.29E-03	1.31E-05	9.73E-03	0.00E+00	7.29E+00	2.06E-08	7.29E+00	7.30E+00	9.73E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-03
VS318PF	2.92E-03	4.59E-01	0.00E+00	4.59E-01	0.00E+00	0.00E+00	3.01E-01	1.73E-07	1.37E-03	1.50E-02	0.00E+00	0.00E+00	8.09E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.07E-05	1.61E-02	6.42E+00	0.00E+00	7.06E-10	2.37E-08	3.78E-03	1.15E-05	8.56E-03	0.00E+00	6.42E+00	1.81E-08	6.42E+00	6.43E+00	8.56E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-03
VS318PJ	3.07E-03	4.85E-01	0.00E+00	4.85E-01	0.00E+00	0.00E+00	3.18E-01	1.82E-07	1.44E-03	1.58E-02	0.00E+00	0.00E+00	8.53E-12	1.65E-10	1.18E-03	0.00E+00	0.00E+00	0.00E+00	4.29E-05	1.70E-02	6.77E+00	0.00E+00	7.44E-10	2.50E-08	3.98E-03	1.21E-05	9.04E-03	0.00E+00	6.77E+00	1.91E-08	6.77E+00	6.77E+00	9.04E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-03
VS318PM	3.38E-03	5.30E-01	0.00E+00	5.30E-01	0.00E+00	0.00E+00	3.48E-01	1.99E-07	1.58E-03	1.73E-02	0.00E+00	0.00E+00	9.34E-12	1.80E-10	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.69E-05	1.86E-02	7.41E+00	0.00E+00	8.14E-10	2.73E-08	4.36E-03	1.33E-05	9.89E-03	0.00E+00	7.41E+00	2.09E-08	7.41E+00	7.42E+00	9.89E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-03
VS318PP	3.41E-03	5.38E-01	0.00E+00	5.38E-01	0.00E+00	0.00E+00	3.53E-01	2.02E-07	1.60E-03	1.75E-02	0.00E+00	0.00E+00	9.47E-12	1.83E-10	1.31E-03	0.00E+00	0.00E+00	0.00E+00	4.76E-05	1.89E-02	7.52E+00	0.00E+00	8.26E-10	2.78E-08	4.43E-03	1.35E-05	1.00E-02	0.00E+00	7.52E+00	2.12E-08	7.52E+00	7.53E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03
VS318PS	3.32E-03	5.24E-01	0.00E+00	5.24E-01	0.00E+00	0.00E+00	3.43E-01	1.97E-07	1.56E-03	1.71E-02	0.00E+00	0.00E+00	9.22E-12	1.78E-10	1.28E-03	0.00E+00	0.00E+00	0.00E+00	4.64E-05	1.84E-02	7.32E+00	0.00E+00	8.04E-10	2.70E-08	4.31E-03	1.31E-05	9.76E-03	0.00E+00	7.32E+00	2.06E-08	7.32E+00	7.33E+00	9.76E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-03
VS318PT	4.48E-03	7.07E-01	0.00E+00	7.07E-01	0.00E+00	0.00E+00	4.64E-01	2.66E-07	2.10E-03	2.31E-02	0.00E+00	0.00E+00	1.24E-11	2.41E-10	1.72E-03	0.00E+00	0.00E+00	0.00E+00	6.26E-05	2.48E-02	9.88E+00	0.00E+00	1.09E-09	3.65E-08	5.82E-03	1.77E-05	1.32E-02	0.00E+00	9.88E+00	2.79E-08	9.88E+00	9.89E+00	1.32E-02	0.00E+00	0.00E+00	0.00E+00	2.69E-03
VS318PY	3.71E-03	5.61E-01	0.00E+00	5.61E-01	0.00E+00	0.00E+00	3.68E-01	2.11E-07	1.67E-03	1.83E-02	0.00E+00	0.00E+00	9.87E-12	1.91E-10	1.37E-03	0.00E+00	0.00E+00	0.00E+00	4.96E-05	1.97E-02	7.83E+00	0.00E+00	8.60E-10	2.89E-08	4.61E-03	1.41E-05	1.05E-02	0.00E+00	7.83E+00	2.21E-08	7.83E+00	7.84E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
VS318TA	3.38E-03	5.29E-01	0.00E+00	5.29E-01	0.00E+00	0.00E+00	3.47E-01	1.99E-07	1.57E-03	1.72E-02	0.00E+00	0.00E+00	9.31E-12	1.80E-10	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.68E-05	1.86E-02	7.38E+00	0.00E+00	8.11E-10	2.73E-08	4.35E-03	1.32E-05	9.86E-03	0.00E+00	7.38E+00	2.08E-08	7.38E+00	7.39E+00	9.86E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-03
VS318TD	3.22E-03	5.08E-01	0.00E+00	5.08E-01	0.00E+00	0.00E+00	3.33E-01	1.91E-07	1.51E-03	1.66E-02	0.00E+00	0.00E+00	8.95E-12	1.73E-10	1.24E-03	0.00E+00	0.00E+00	0.00E+00	4.50E-05	1.79E-02	7.10E+00	0.00E+00	7.80E-10	2.62E-08	4.18E-03	1.27E-05	9.48E-03	0.00E+00	7.10E+00	2.00E-08	7.10E+00	7.11E+00	9.48E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-03
VS318TES	3.38E-03	5.28E-01	0.00E+00	5.28E-01	0.00E+00	0.00E+00	3.47E-01	1.99E-07	1.57E-03	1.72E-02	0.00E+00	0.00E+00	9.30E-12	1.80E-10	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.68E-05	1.86E-02	7.38E+00	0.00E+00	8.11E-10	2.73E-08	4.35E-03	1.32E-05	9.85E-03	0.00E+00	7.38E+00	2.08E-08	7.38E+00	7.39E+00	9.85E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-03
VS318TF	3.07E-03	4.85E-01	0.00E+00	4.85E-01	0.00E+00	0.00E+00	3.18E-01	1.82E-07	1.44E-03	1.58E-02	0.00E+00	0.00E+00	8.53E-12	1.65E-10	1.18E-03	0.00E+00	0.00E+00	0.00E+00	4.29E-05	1.70E-02	6.77E+00	0.00E+00	7.44E-10	2.50E-08	3.98E-03	1.21E-05	9.04E-03	0.00E+00	6.77E+00	1.91E-08	6.77E+00	6.77E+00	9.04E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-03
VS318TJ	3.15E-03	4.96E-01	0.00E+00	4.96E-01	0.00E+00	0.00E+00	3.26E-01	1.86E-07	1.47E-03	1.62E-02	0.00E+00	0.00E+00	8.74E-12	1.69E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-05	1.75E-02	6.93E+00	0.00E+00	7.62E-10	2.56E-08	4.08E-03	1.24E-05	9.26E-03	0.00E+00	6.93E+00	1.96E-08	6.93E+00	6.93E+00	9.26E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-03
VS318TM	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	9.27E-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	2.72E-08	4.33E-03	1.32E-05	9.82E-03	0.00E+00	7.35E+00	2.07E-08	7.35E+00	7.36E+00	9.82E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-03
VS318TP	3.38E-03	5.29E-01	0.00E+00	5.29E-01	0.00E+00	0.00E+00	3.47E-01	1.99E-07	1.57E-03	1.72E-02	0.00E+00	0.00E+00	9.31E-12	1.80E-10	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.68E-05	1.86E-02	7.38E+00	0.00E+00	8.11E-10	2.73E-08	4.35E-03	1.32E-05	9.86E-03	0.00E+00	7.38E+00	2.08E-08	7.38E+00	7.39E+00	9.86E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-03
VS318TS	3.40E-03	5.28E-01	0.00E+00	5.28E-01	0.00E+00	0.00E+00	3.46E-01	1.98E-07	1.57E-03	1.72E-02	0.00E+00	0.00E+00	9.30E-12	1.79E-10	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.67E-05	1.86E-02	7.38E+00	0.00E+00	8.11E-10	2.72E-08	4.34E-03	1.32E-05	9.85E-03	0.00E+00	7.38E+00	2.08E-08	7.38E+00	7.38E+00	9.85E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-03
VS412PA	3.29E-03	5.12E-01	0.00E+00	5.12E-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	9.00E-12	1.74E-10	1.25E-03	0.00E+00	0.00E+00	0.00E+00	4.53E-05	1.80E-02	7.15E+00	0.00E+00	7.85E-10	2.64E-08	4.21E-03	1.28E-05	9.53E-03	0.00E+00	7.15E+00	2.02E-08	7.15E+00	7.16E+00	9.53E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-03
VS412PD	3.06E-03	4.83E-01	0.00E+00	4.83E-01	0.00E+00	0.00E+00	3.17E-01	1.81E-07	1.44E-03	1.57E-02	0.00E+00	0.00E+00	8.50E-12	1.64E-10	1.18E-03	0.00E+00	0.00E+00	0.00E+00	4.28E-05	1.70E-02	6.75E+00	0.00E+00	7.41E-10	2.49E-08	3.97E-03	1.21E-05	9.00E-03	0.00E+00	6.75E+00	1.90E-08	6.75E+00	6.76E+00	9.00E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-03
VS412PE	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
VS412PF	2.93E-03	4.51E-01	0.00E+00	4.51E-01	0.00E+00	0.00E+00	2.96E-01	1.69E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.94E-12	1.54E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-05	1.59E-02	6.31E+00	0.00E+00	6.93E-10	2.33E-08	3.71E-03	1.13E-05	8.41E-03	0.00E+00	6.31E+00	1.78E-08	6.31E+00	6.31E+00	8.41E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-03
VS412PJ	3.39E-03	5.14E-01	0.00E+00	5.14E-01	0.00E+00	0.00E+00	3.37E-01	1.93E-07	1.53E-03	1.68E-02	0.00E+00	0.00E+00	9.05E-12	1.75E-10	1.25E-03	0.00E+00	0.00E+00	0.00E+00	4.55E-05	1.81E-02	7.19E+00	0.00E+00	7.90E-10	2.65E-08	4.23E-03	1.29E-05	9.59E-03	0.00E+00	7.19E+00	2.03E-08	7.19E+00	7.20E+00	9.59E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-03
VS412PM	3.40E-03	5.28E-01	0.00E+00	5.28E-01	0.00E+00	0.00E+00	3.46E-01	1.98E-07	1.57E-03	1.72E-02	0.00E+00	0.00E+00	9.30E-12	1.79E-10	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.67E-05	1.86E-02	7.38E+00	0.00E+00	8.11E-10	2.72E-08	4.34E-03	1.32E-05	9.85E-03	0.00E+00	7.38E+00	2.08E-08	7.38E+00	7.38E+00	9.85E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-03
VS412PP	3.39E-03	5.34E-01	0.00E+00	5.34E-01	0.00E+00	0.00E+00	3.50E-01	2.01E-07	1.59E-03	1.74E-02	0.00E+00	0.00E+00	9.40E-12	1.82E-10	1.30E-03	0.00E+00	0.00E+00	0.00E+00	4.73E-05	1.88E-02	7.46E+00	0.00E+00	8.20E-10	2.75E-08	4.39E-03	1.34E-05	9.96E-03	0.00E+00	7.46E+00	2.11E-08	7.46E+00	7.47E+00	9.96E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-03
VS412PR	3.44E-03	5.46E-01	0.00E+00	5.46E-01	0.00E+00	0.00E+00	3.58E-01	2.05E-07	1.62E-03	1.78E-02	0.00E+00	0.00E+00	9.61E-12	1.86E-10	1.33E-03	0.00E+00	0.00E+00	0.00E+00	4.83E-05	1.92E-02	7.62E+00	0.00E+00	8.38E-10	2.81E-08	4.49E-03	1.37E-05	1.02E-02	0.00E+00	7.62E+00	2.15E-08	7.62E+00	7.63E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
VS412PS	3.39E-03	5.34E-01	0.00E+00	5.34E-01	0.00E+00	0.00E+00	3.51E-01	2.01E-07	1.59E-03	1.74E-02	0.00E+00	0.00E+00	9.41E-12	1.82E-10	1.30E-03	0.00E+00	0.00E+00	0.00E+00	4.73E-05	1.88E-02	7.47E+00	0.00E+00	8.20E-10	2.76E-08	4.40E-03	1.34E-05	9.96E-03	0.00E+00	7.47E+00	2.11E-08	7.47E+00	7.48E+00	9.96E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-03
VS412PT	4.05E-03	6.38E-01	0.00E+00	6.38E-01	0.00E+00	0.00E+00	4.19E-01	2.40E-07	1.90E-03	2.08E-02	0.00E+00	0.00E+00	1.12E-11	2.17E-10	1.56E-03	0.00E+00	0.00E+00	0.00E+00	5.65E-05	2.24E-02	8.92E+00	0.00E+00	9.80E-10	3.29E-08	5.25E-03	1.60E-05	1.19E-02	0.00E+00	8.92E+00	2.52E-08	8.92E+00	8.93E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
VS412PY	3.43E-03	5.44E-01	0.00E+00	5.44E-01	0.00E+00	0.00E+00	3.56E-01	2.04E-07	1.61E-03	1.77E-02	0.00E+00	0.00E+00	9.56E-12	1.85E-10	1.33E-03	0.00E+00	0.00E+00	0.00E+00	4.81E-05	1.91E-02	7.59E+00	0.00E+00	8.34E-10	2.80E-08	4.47E-03	1.36E-05	1.01E-02	0.00E+00	7.59E+00	2.14E-08	7.59E+00	7.60E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
VS412TA	3.38E-03	5.30E-01	0.00E+00	5.30E-01	0.00E+00	0.00E+00	3.48E-01	1.99E-07	1.57E-03	1.73E-02	0.00E+00	0.00E+00	9.33E-12	1.80E-10	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.69E-05	1.86E-02	7.40E+00	0.00E+00	8.13E-10	2.73E-08	4.36E-03	1.33E-05	9.88E-03	0.00E+00	7.40E+00	2.09E-08	7.40E+00	7.41E+00	9.88E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-03
VS412TD	3.15E-03	4.96E-01	0.00E+00	4.96E-01	0.00E+00	0.00E+00	3.25E-01	1.86E-07	1.47E-03	1.62E-02	0.00E+00	0.00E+00	8.73E-12	1.69E-10	1.21E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-05	1.74E-02	6.93E+00	0.00E+00	7.61E-10	2.56E-08	4.08E-03	1.24E-05	9.25E-03	0.00E+00	6.93E+00	1.96E-08	6.93E+00	6.94E+00	9.25E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-03
VS412TE	2.90E-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	7.99E-12	1.55E-10	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.02E-05	1.60E-02	6.34E+00	0.00E+00	6.97E-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
VS412TF	2.93E-03	4.51E-01	0.00E+00	4.51E-01	0.00E+00	0.00E+00	2.96E-01	1.69E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.94E-12	1.54E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-05	1.59E-02	6.31E+00	0.00E+00	6.93E-10	2.33E-08	3.71E-03	1.13E-05	8.41E-03	0.00E+00	6.31E+00	1.78E-08	6.31E+00	6.31E+00	8.41E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-03
VS412TJ	3.37E-03	5.30E-01	0.00E+00	5.30E-01	0.00E+00	0.00E+00	3.48E-01	1.99E-07	1.58E-03	1.73E-02	0.00E+00	0.00E+00	9.33E-12	1.80E-10	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.69E-05	1.86E-02	7.40E+00	0.00E+00	8.14E-10	2.74E-08	4.36E-03	1.33E-05	9.89E-03	0.00E+00	7.40E+00	2.09E-08	7.40E+00	7.41E+00	9.89E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-03
VS412TM	3.38E-03	5.30E-01	0.00E+00	5.30E-01	0.00E+00	0.00E+00	3.48E-01	1.99E-07	1.58E-03	1.73E-02	0.00E+00	0.00E+00	9.34E-12	1.80E-10	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.69E-05	1.86E-02	7.41E+00	0.00E+00	8.14E-10	2.73E-08	4.36E-03	1.33E-05	9.89E-03	0.00E+00	7.41E+00	2.09E-08	7.41E+00	7.42E+00	9.89E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-03
VS412TP	3.57E-03	5.54E-01	0.00E+00	5.54E-01	0.00E+00	0.00E+00	3.63E-01	2.08E-07	1.65E-03	1.80E-02	0.00E+00	0.00E+00	9.75E-12	1.89E-10	1.35E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-05	1.95E-02	7.73E+00	0.00E+00	8.50E-10	2.86E-08	4.55E-03	1.39E-05	1.03E-02	0.00E+00	7.73E+00	2.18E-08	7.73E+00	7.74E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	2.10E-03
VS412TR	3.44E-03	5.46E-01	0.00E+00	5.46E-01	0.00E+00	0.00E+00	3.58E-01	2.05E-07	1.62E-03	1.78E-02	0.00E+00	0.00E+00	9.61E-12	1.86E-10	1.33E-03	0.00E+00	0.00E+00	0.00E+00	4.83E-05	1.92E-02	7.62E+00	0.00E+00	8.38E-10	2.81E-08	4.49E-03	1.37E-05	1.02E-02	0.00E+00	7.62E+00	2.15E-08	7.62E+00	7.63E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
VS418PA	4.06E-03	6.40E-01	0.00E+00	6.40E-01	0.00E+00	0.00E+00	4.20E-01	2.40E-07	1.90E-03	2.09E-02	0.00E+00	0.00E+00	1.13E-11	2.18E-10	1.56E-03	0.00E+00	0.00E+00	0.00E+00	5.67E-05	2.25E-02	8.94E+00	0.00E+00	9.82E-10	3.30E-08	5.26E-03	1.60E-05	1.19E-02	0.00E+00	8.94E+00	2.52E-08	8.94E+00	8.95E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
VS418PD	4.05E-03	6.39E-01	0.00E+00	6.39E-01	0.00E+00	0.00E+00	4.19E-01	2.40E-07	1.90E-03	2.08E-02	0.00E+00	0.00E+00	1.13E-11	2.18E-10	1.56E-03	0.00E+00	0.00E+00	0.00E+00	5.66E-05	2.25E-02	8.93E+00	0.00E+00	9.81E-10	3.30E-08	5.26E-03	1.60E-05	1.19E-02	0.00E+00	8.93E+00	2.52E-08	8.93E+00	8.94E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
VS418PES	4.16E-03	6.56E-01	0.00E+00	6.56E-01	0.00E+00	0.00E+00	4.30E-01	2.46E-07	1.95E-03	2.14E-02	0.00E+00	0.00E+00	1.15E-11	2.23E-10	1.60E-03	0.00E+00	0.00E+00	0.00E+00	5.81E-05	2.31E-02	9.17E+00	0.00E+00	1.01E-09	3.38E-08	5.40E-03	1.64E-05	1.22E-02	0.00E+00	9.17E+00	2.59E-08	9.17E+00	9.18E+00	1.22E-02	0.00E+00	0.00E+00	0.00E+00	2.49E-03
VS418PF	3.84E-03	6.06E-01	0.00E+00	6.06E-01	0.00E+00	0.00E+00	3.97E-01	2.27E-07	1.80E-03	1.97E-02	0.00E+00	0.00E+00	1.07E-11	2.06E-10	1.48E-03	0.00E+00	0.00E+00	0.00E+00	5.36E-05	2.13E-02	8.46E+00	0.00E+00	9.30E-10	3.12E-08	4.98E-03	1.52E-05	1.13E-02	0.00E+00	8.46E+00	2.39E-08	8.46E+00	8.47E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	2.30E-03
VS418PJ	3.88E-03	6.12E-01	0.00E+00	6.12E-01	0.00E+00	0.00E+00	4.01E-01	2.30E-07	1.82E-03	1.99E-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	8.54E+00	0.00E+00	9.39E-10	3.16E-08	5.03E-03	1.53E-05	1.14E-02	0.00E+00	8.54E+00	2.41E-08	8.54E+00	8.56E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03

VS418PM	4.52E-03	6.96E-01	0.00E+00	6.96E-01	0.00E+00	0.00E+00	4.58E-01	2.61E-07	2.07E-03	2.27E-02	0.00E+00	0.00E+00	1.22E-11	2.38E-10	1.70E-03	0.00E+00	0.00E+00	0.00E+00	6.18E-05	2.45E-02	9.76E+00	0.00E+00	1.07E-09	3.60E-08	5.74E-03	1.75E-05	1.30E-02	0.00E+00	9.76E+00	2.75E-08	9.76E+00	9.76E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	2.66E-03
VS418PP	4.40E-03	6.94E-01	0.00E+00	6.94E-01	0.00E+00	0.00E+00	4.55E-01	2.61E-07	2.06E-03	2.26E-02	0.00E+00	0.00E+00	1.22E-11	2.36E-10	1.69E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-05	2.44E-02	9.70E+00	0.00E+00	1.07E-09	3.58E-08	5.71E-03	1.74E-05	1.29E-02	0.00E+00	9.70E+00	2.74E-08	9.70E+00	9.71E+00	1.29E-02	0.00E+00	0.00E+00	0.00E+00	2.64E-03
VS418PR	4.47E-03	7.01E-01	0.00E+00	7.01E-01	0.00E+00	0.00E+00	4.60E-01	2.64E-07	2.09E-03	2.29E-02	0.00E+00	0.00E+00	1.24E-11	2.39E-10	1.71E-03	0.00E+00	0.00E+00	0.00E+00	6.21E-05	2.47E-02	9.80E+00	0.00E+00	1.08E-09	3.62E-08	5.78E-03	1.76E-05	1.31E-02	0.00E+00	9.80E+00	2.76E-08	9.80E+00	9.82E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
VS418PS	4.19E-03	6.60E-01	0.00E+00	6.60E-01	0.00E+00	0.00E+00	4.33E-01	2.48E-07	1.96E-03	2.15E-02	0.00E+00	0.00E+00	1.16E-11	2.25E-10	1.61E-03	0.00E+00	0.00E+00	0.00E+00	5.85E-05	2.32E-02	9.22E+00	0.00E+00	1.01E-09	3.41E-08	5.43E-03	1.65E-05	1.23E-02	0.00E+00	9.22E+00	2.60E-08	9.22E+00	9.24E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	2.51E-03
VS418PT	5.53E-03	8.71E-01	0.00E+00	8.71E-01	0.00E+00	0.00E+00	5.72E-01	3.27E-07	2.59E-03	2.84E-02	0.00E+00	0.00E+00	1.53E-11	2.97E-10	2.13E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-05	3.06E-02	1.22E+01	0.00E+00	1.34E-09	4.49E-08	7.17E-03	2.18E-05	1.62E-02	0.00E+00	1.22E+01	3.44E-08	1.22E+01	1.22E+01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	3.31E-03
VS418PY	4.53E-03	6.94E-01	0.00E+00	6.94E-01	0.00E+00	0.00E+00	4.55E-01	2.60E-07	2.06E-03	2.26E-02	0.00E+00	0.00E+00	1.22E-11	2.37E-10	1.69E-03	0.00E+00	0.00E+00	0.00E+00	6.15E-05	2.44E-02	9.71E+00	0.00E+00	1.07E-09	3.58E-08	5.72E-03	1.74E-05	1.30E-02	0.00E+00	9.71E+00	2.74E-08	9.71E+00	9.71E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	2.64E-03
VS418TA	4.01E-03	6.32E-01	0.00E+00	6.32E-01	0.00E+00	0.00E+00	4.14E-01	2.37E-07	1.88E-03	2.06E-02	0.00E+00	0.00E+00	1.11E-11	2.15E-10	1.54E-03	0.00E+00	0.00E+00	0.00E+00	5.60E-05	2.22E-02	8.83E+00	0.00E+00	9.71E-10	3.26E-08	5.20E-03	1.58E-05	1.18E-02	0.00E+00	8.83E+00	2.49E-08	8.83E+00	8.84E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
VS418TD	4.11E-03	6.49E-01	0.00E+00	6.49E-01	0.00E+00	0.00E+00	4.26E-01	2.44E-07	1.93E-03	2.12E-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	5.74E-05	2.28E-02	9.06E+00	0.00E+00	9.96E-10	3.35E-08	5.34E-03	1.62E-05	1.21E-02	0.00E+00	9.06E+00	2.56E-08	9.06E+00	9.08E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00	2.47E-03
VS418TES	4.05E-03	6.40E-01	0.00E+00	6.40E-01	0.00E+00	0.00E+00	4.19E-01	2.40E-07	1.90E-03	2.09E-02	0.00E+00	0.00E+00	1.13E-11	2.18E-10	1.56E-03	0.00E+00	0.00E+00	0.00E+00	5.66E-05	2.25E-02	8.94E+00	0.00E+00	9.82E-10	3.30E-08	5.26E-03	1.60E-05	1.19E-02	0.00E+00	8.94E+00	2.52E-08	8.94E+00	8.95E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
VS418TF	3.88E-03	6.12E-01	0.00E+00	6.12E-01	0.00E+00	0.00E+00	4.01E-01	2.30E-07	1.82E-03	1.99E-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	8.54E+00	0.00E+00	9.39E-10	3.16E-08	5.03E-03	1.53E-05	1.14E-02	0.00E+00	8.54E+00	2.41E-08	8.54E+00	8.56E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03
VS418TJ	4.02E-03	6.30E-01	0.00E+00	6.30E-01	0.00E+00	0.00E+00	4.14E-01	2.37E-07	1.87E-03	2.06E-02	0.00E+00	0.00E+00	1.11E-11	2.15E-10	1.54E-03	0.00E+00	0.00E+00	0.00E+00	5.58E-05	2.22E-02	8.81E+00	0.00E+00	9.68E-10	3.25E-08	5.19E-03	1.58E-05	1.18E-02	0.00E+00	8.81E+00	2.49E-08	8.81E+00	8.82E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
VS418TM	4.38E-03	6.79E-01	0.00E+00	6.79E-01	0.00E+00	0.00E+00	4.45E-01	2.55E-07	2.02E-03	2.21E-02	0.00E+00	0.00E+00	1.19E-11	2.31E-10	1.66E-03	0.00E+00	0.00E+00	0.00E+00	6.01E-05	2.38E-02	9.47E+00	0.00E+00	1.04E-09	3.50E-08	5.59E-03	1.70E-05	1.26E-02	0.00E+00	9.47E+00	2.68E-08	9.47E+00	9.51E+00	1.26E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
VS418TP	4.54E-03	6.92E-01	0.00E+00	6.92E-01	0.00E+00	0.00E+00	4.53E-01	2.60E-07	2.06E-03	2.26E-02	0.00E+00	0.00E+00	1.22E-11	2.36E-10	1.69E-03	0.00E+00	0.00E+00	0.00E+00	6.12E-05	2.43E-02	9.67E+00	0.00E+00	1.06E-09	3.57E-08	5.70E-03	1.73E-05	1.29E-02	0.00E+00	9.67E+00	2.73E-08	9.67E+00	9.68E+00	1.29E-02	0.00E+00	0.00E+00	0.00E+00	2.63E-03
VS418TS	4.05E-03	6.38E-01	0.00E+00	6.38E-01	0.00E+00	0.00E+00	4.19E-01	2.40E-07	1.90E-03	2.08E-02	0.00E+00	0.00E+00	1.12E-11	2.17E-10	1.56E-03	0.00E+00	0.00E+00	0.00E+00	5.65E-05	2.24E-02	8.92E+00	0.00E+00	9.81E-10	3.29E-08	5.25E-03	1.60E-05	1.19E-02	0.00E+00	8.92E+00	2.52E-08	8.92E+00	8.93E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03
VS418TY	4.38E-03	6.79E-01	0.00E+00	6.79E-01	0.00E+00	0.00E+00	4.45E-01	2.55E-07	2.02E-03	2.21E-02	0.00E+00	0.00E+00	1.19E-11	2.31E-10	1.66E-03	0.00E+00	0.00E+00	0.00E+00	6.01E-05	2.38E-02	9.48E+00	0.00E+00	1.04E-09	3.50E-08	5.59E-03	1.70E-05	1.26E-02	0.00E+00	9.48E+00	2.68E-08	9.48E+00	9.51E+00	1.26E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
VU12AT	2.89E-03	4.58E-01	0.00E+00	4.58E-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	8.06E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-05	1.61E-02	6.40E+00	0.00E+00	7.03E-10	2.36E-08	3.77E-03	1.15E-05	8.53E-03	0.00E+00	6.40E+00	1.81E-08	6.40E+00	6.40E+00	8.53E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VU12DKN	2.79E-03	4.39E-01	0.00E+00	4.39E-01	0.00E+00	0.00E+00	2.88E-01	1.65E-07	1.30E-03	1.43E-02	0.00E+00	0.00E+00	7.73E-12	1.50E-10	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.89E-05	1.54E-02	6.14E+00	0.00E+00	6.74E-10	2.26E-08	3.61E-03	1.10E-05	8.19E-03	0.00E+00	6.14E+00	1.73E-08	6.14E+00	6.14E+00	8.19E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-03
VU12EP	2.78E-03	4.38E-01	0.00E+00	4.38E-01	0.00E+00	0.00E+00	2.87E-01	1.65E-07	1.30E-03	1.43E-02	0.00E+00	0.00E+00	7.71E-12	1.49E-10	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-05	1.54E-02	6.12E+00	0.00E+00	6.72E-10	2.26E-08	3.60E-03	1.10E-05	8.17E-03	0.00E+00	6.12E+00	1.73E-08	6.12E+00	6.13E+00	8.17E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-03
VU12ET	2.45E-03	3.87E-01	0.00E+00	3.87E-01	0.00E+00	0.00E+00	2.54E-01	1.45E-07	1.15E-03	1.26E-02	0.00E+00	0.00E+00	6.80E-12	1.32E-10	9.43E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-05	1.36E-02	5.40E+00	0.00E+00	5.93E-10	1.99E-08	3.18E-03	9.68E-06	7.21E-03	0.00E+00	5.40E+00	1.52E-08	5.40E+00	5.41E+00	7.21E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-03
VU12IE	3.24E-03	5.12E-01	0.00E+00	5.12E-01	0.00E+00	0.00E+00	3.36E-01	1.92E-07	1.52E-03	1.67E-02	0.00E+00	0.00E+00	9.01E-12	1.74E-10	1.25E-03	0.00E+00	0.00E+00	0.00E+00	4.53E-05	1.80E-02	7.16E+00	0.00E+00	7.86E-10	2.64E-08	4.21E-03	1.28E-05	9.54E-03	0.00E+00	7.16E+00	2.02E-08	7.16E+00	7.17E+00	9.54E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-03
VU12LN	3.22E-03	5.09E-01	0.00E+00	5.09E-01	0.00E+00	0.00E+00	3.34E-01	1.91E-07	1.51E-03	1.66E-02	0.00E+00	0.00E+00	8.95E-12	1.73E-10	1.24E-03	0.00E+00	0.00E+00	0.00E+00	4.50E-05	1.79E-02	7.10E+00	0.00E+00	7.81E-10	2.62E-08	4.18E-03	1.27E-05	9.48E-03	0.00E+00	7.10E+00	2.00E-08	7.10E+00	7.11E+00	9.48E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-03
VU12NA	2.86E-03	4.51E-01	0.00E+00	4.51E-01	0.00E+00	0.00E+00	2.96E-01	1.69E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.94E-12	1.54E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-05	1.59E-02	6.30E+00	0.00E+00	6.93E-10	2.33E-08	3.71E-03	1.13E-05	8.41E-03	0.00E+00	6.30E+00	1.78E-08	6.30E+00	6.31E+00	8.41E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-03
VU12NC	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	4.14E-05	1.64E-02	6.52E+00	0.00E+00	7.17E-10	2.41E-08	3.84E-03	1.17E-05	8.71E-03	0.00E+00	6.52E+00	1.84E-08	6.52E+00	6.53E+00	8.71E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-03
VU12ND	2.93E-03	4.63E-01	0.00E+00	4.63E-01	0.00E+00	0.00E+00	3.03E-01	1.74E-07	1.38E-03	1.51E-02	0.00E+00	0.00E+00	8.14E-12	1.58E-10	1.13E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-05	1.63E-02	6.46E+00	0.00E+00	7.10E-10	2.39E-08	3.81E-03	1.16E-05	8.62E-03	0.00E+00	6.46E+00	1.82E-08	6.46E+00	6.47E+00	8.62E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-03
VU12NE	2.95E-03	4.65E-01	0.00E+00	4.65E-01	0.00E+00	0.00E+00	3.05E-01	1.75E-07	1.38E-03	1.52E-02	0.00E+00	0.00E+00	8.19E-12	1.58E-10	1.13E-03	0.00E+00	0.00E+00	0.00E+00	4.12E-05	1.64E-02	6.50E+00	0.00E+00	7.14E-10	2.40E-08	3.83E-03	1.16E-05	8.67E-03	0.00E+00	6.50E+00	1.83E-08	6.50E+00	6.51E+00	8.67E-03	0.00E+00	0.00E+00	0.00E+00	1.77E-03
VU12NG	2.91E-03	4.59E-01	0.00E+00	4.59E-01	0.00E+00	0.00E+00	3.01E-01	1.72E-07	1.36E-03	1.50E-02	0.00E+00	0.00E+00	8.07E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.06E-05	1.61E-02	6.41E+00	0.00E+00	7.05E-10	2.37E-08	3.78E-03	1.15E-05	8.55E-03	0.00E+00	6.41E+00	1.81E-08	6.41E+00	6.42E+00	8.55E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-03
VU12NK	1.00E-03	1.53E-01	0.00E+00	1.53E-01	0.00E+00	0.00E+00	1.00E-01	5.73E-08	4.54E-04	4.98E-03	0.00E+00	0.00E+00	2.69E-12	5.20E-11	3.72E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-05	5.37E-03	2.14E+00	0.00E+00	2.34E-10	7.88E-09	1.26E-03	3.82E-06	2.85E-03	0.00E+00	2.14E+00	6.02E-09	2.14E+00	2.14E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	5.81E-04
VU12NN	2.92E-03	4.60E-01	0.00E+00	4.60E-01	0.00E+00	0.00E+00	3.01E-01	1.73E-07	1.37E-03	1.50E-02	0.00E+00	0.00E+00	8.08E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.07E-05	1.61E-02	6.42E+00	0.00E+00	7.05E-10	2.37E-08	3.78E-03	1.15E-05	8.56E-03	0.00E+00	6.42E+00	1.81E-08	6.42E+00	6.43E+00	8.56E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-03
VU12NP	2.93E-03	4.58E-01	0.00E+00	4.58E-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	8.06E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.06E-05	1.61E-02	6.40E+00	0.00E+00	7.03E-10	2.36E-08	3.77E-03	1.15E-05	8.54E-03	0.00E+00	6.40E+00	1.81E-08	6.40E+00	6.41E+00	8.54E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VU12NR	2.88E-03	4.58E-01	0.00E+00	4.58E-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	8.06E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-05	1.61E-02	6.40E+00	0.00E+00	7.03E-10	2.36E-08	3.77E-03	1.15E-05	8.54E-03	0.00E+00	6.40E+00	1.80E-08	6.40E+00	6.40E+00	8.54E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VU12NSG	2.97E-03	4.57E-01	0.00E+00	4.57E-01	0.00E+00	0.00E+00	2.99E-01	1.71E-07	1.36E-03	1.49E-02	0.00E+00	0.00E+00	8.03E-12	1.55E-10	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.04E-05	1.60E-02	6.38E+00	0.00E+00	7.01E-10	2.35E-08	3.76E-03	1.14E-05	8.51E-03	0.00E+00	6.38E+00	1.80E-08	6.38E+00	6.39E+00	8.51E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VU12UA	2.78E-03	4.38E-01	0.00E+00	4.38E-01	0.00E+00	0.00E+00	2.88E-01	1.65E-07	1.30E-03	1.43E-02	0.00E+00	0.00E+00	7.71E-12	1.49E-10	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-05	1.54E-02	6.12E+00	0.00E+00	6.73E-10	2.26E-08	3.60E-03	1.10E-05	8.17E-03	0.00E+00	6.12E+00	1.73E-08	6.12E+00	6.13E+00	8.17E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-03
VU24EP	3.80E-03	6.00E-01	0.00E+00	6.00E-01	0.00E+00	0.00E+00	3.94E-01	2.25E-07	1.78E-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	5.31E-05	2.11E-02	8.38E+00	0.00E+00	9.21E-10	3.09E-08	4.93E-03	1.50E-05	1.12E-02	0.00E+00	8.38E+00	2.37E-08	8.38E+00	8.39E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.28E-03
VU24ET	3.76E-03	5.69E-01	0.00E+00	5.69E-01	0.00E+00	0.00E+00	3.75E-01	2.13E-07	1.70E-03	1.86E-02	0.00E+00	0.00E+00	9.99E-12	1.94E-10	1.39E-03	0.00E+00	0.00E+00	0.00E+00	5.05E-05	2.00E-02	7.93E+00	0.00E+00	8.72E-10	2.95E-08	4.68E-03	1.42E-05	1.06E-02	0.00E+00	7.93E+00	2.24E-08	7.93E+00	7.94E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03
VU24IE	4.08E-03	6.44E-01	0.00E+00	6.44E-01	0.00E+00	0.00E+00	4.23E-01	2.42E-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	5.71E-05	2.26E-02	9.00E+00	0.00E+00	9.89E-10	3.32E-08	5.30E-03	1.61E-05	1.20E-02	0.00E+00	9.00E+00	2.54E-08	9.00E+00	9.01E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	2.45E-03
VU24LN	4.58E-03	7.22E-01	0.00E+00	7.22E-01	0.00E+00	0.00E+00	4.73E-01	2.71E-07	2.15E-03	2.35E-02	0.00E+00	0.00E+00	1.27E-11	2.46E-10	1.76E-03	0.00E+00	0.00E+00	0.00E+00	6.39E-05	2.54E-02	1.01E+01	0.00E+00	1.11E-09	3.72E-08	5.94E-03	1.81E-05	1.35E-02	0.00E+00	1.01E+01	2.85E-08	1.01E+01	1.01E+01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	2.74E-03
VU24NA	3.88E-03	6.12E-01	0.00E+00	6.12E-01	0.00E+00	0.00E+00	4.01E-01	2.30E-07	1.82E-03	1.99E-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	5.41E-05	2.15E-02	8.54E+00	0.00E+00	9.39E-10	3.15E-08	5.03E-03	1.53E-05	1.14E-02	0.00E+00	8.54E+00	2.41E-08	8.54E+00	8.55E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03
VU24NC	3.94E-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	5.03E-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
VU24NCT	3.18E-03	5.03E-01	0.00E+00	5.03E-01	0.00E+00	0.00E+00	3.30E-01	1.89E-07	1.50E-03	1.64E-02	0.00E+00	0.00E+00	8.86E-12	1.71E-10	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.45E-05	1.77E-02	7.04E+00	0.00E+00	7.72E-10	2.60E-08	4.14E-03	1.26E-05	9.38E-03	0.00E+00	7.04E+00	1.98E-08	7.04E+00	7.04E+00	9.38E-03	0.00E+00	0.00E+00	0.00E+00	1.91E-03
VU24ND	4.03E-03	6.36E-01	0.00E+00	6.36E-01	0.00E+00	0.00E+00	4.17E-01	2.39E-07	1.89E-03	2.07E-02	0.00E+00	0.00E+00	1.12E-11	2.17E-10	1.55E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-05	2.24E-02	8.89E+00	0.00E+00	9.77E-10	3.28E-08	5.23E-03	1.59E-05	1.19E-02	0.00E+00	8.89E+00	2.51E-08	8.89E+00	8.90E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.42E-03
VU24NE	3.98E-03	6.23E-01	0.00E+00	6.23E-01	0.00E+00	0.00E+00	4.09E-01	2.34E-07	1.85E-03	2.03E-02	0.00E+00	0.00E+00	1.10E-11	2.12E-10	1.52E-03	0.00E+00	0.00E+00	0.00E+00	5.52E-05	2.19E-02	8.70E+00	0.00E+00	9.56E-10	3.21E-08	5.12E-03	1.56E-05	1.16E-02	0.00E+00	8.70E+00	2.46E-08	8.70E+00	8.72E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
VU24NG	3.94E-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	5.03E-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
VU24NH	3.98E-03	6.23E-01	0.00E+00	6.23E-01	0.00E+00	0.00E+00	4.09E-01	2.34E-07	1.85E-03	2.03E-02	0.00E+00	0.00E+00	1.10E-11	2.12E-10	1.52E-03	0.00E+00	0.00E+00	0.00E+00	5.52E-05	2.19E-02	8.70E+00	0.00E+00	9.56E-10	3.21E-08	5.12E-03	1.56E-05	1.16E-02	0.00E+00	8.70E+00	2.46E-08	8.70E+00	8.72E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
VU24NN	3.94E-03	6.19E-01	0.00E+00	6.19E-01	0.00E+00	0.00E+00	4.07E-01	2.33E-07	1.84E-03	2.02E-02	0.00E+00	0.00E+00	1.09E-11	2.11E-10	1.51E-03	0.00E+00	0.00E+00	0.00E+00	5.49E-05	2.18E-02	8.66E+00	0.00E+00	9.51E-10	3.20E-08	5.10E-03	1.55E-05	1.16E-02	0.00E+00	8.66E+00	2.44E-08	8.66E+00	8.67E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
VU24NP	3.94E-03	6.12E-01	0.00E+00	6.12E-01	0.00E+00	0.00E+00	4.01E-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	5.03E-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
VU24NR	3.83E-03	6.06E-01	0.00E+00	6.06E-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	2.06E-10	1.48E-03	0.00E+00	0.00E+00	0.00E+00	5.37E-05	2.13E-02	8.47E+00	0.00E+00	9.31E-10	3.13E-08	4.99E-03	1.52E-05	1.13E-02	0.00E+00	8.47E+00	2.39E-08	8.47E+00	8.48E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	2.30E-03
VU24NSG	4.00E-03	6.30E-01	0.00E+00	6.30E-01	0.00E+00	0.00E+00	4.13E-01	2.37E-07	1.87E-03	2.06E-02	0.00E+00	0.00E+00	1.11E-11	2.15E-10	1.54E-03	0.00E+00	0.00E+00	0.00E+00	5.58E-05	2.21E-02	8.81E+00	0.00E+00	9.68E-10	3.25E-08	5.18E-03	1.58E-05	1.17E-02	0.00E+00	8.81E+00	2.48E-08	8.81E+00	8.82E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
VU24NWB	3.41E-03	5.36E-01	0.00E+00	5.36E-01	0.00E+00	0.00E+00	3.51E-01	2.01E-07	1.59E-03	1.75E-02	0.00E+00	0.00E+00	9.42E-12	1.83E-10	1.31E-03	0.00E+00	0.00E+00	0.00E+00	4.75E-05	1.88E-02	7.48E+00	0.00E+00	8.22E-10	2.76E-08	4.41E-03	1.34E-05	9.98E-03	0.00E+00	7.48E+00	2.11E-08	7.48E+00	7.50E+00	9.98E-03	0.00E+00	0.00E+00	0.00E+00	2.04E-03
VU24UA	3.83E-03	6.06E-01	0.00E+00	6.06E-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	2.06E-10	1.48E-03	0.00E+00	0.00E+00	0.00E+00	5.37E-05	2.13E-02	8.47E+00	0.00E+00	9.31E-10	3.13E-08	4.99E-03	1.52E-05	1.13E-02	0.00E+00	8.47E+00	2.39E-08	8.47E+00	8.48E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	2.30E-03
VU36AT	4.84E-03	7.63E-01	0.00E+00	7.63E-01	0.00E+00	0.00E+00	5.00E-01	2.87E-07	2.27E-03	2.49E-02	0.00E+00	0.00E+00	1.34E-11	2.60E-10	1.86E-03	0.00E+00	0.00E+00	0.00E+00	6.76E-05	2.68E-02	1.07E+01	0.00E+00	1.17E-09	3.93E-08	6.28E-03	1.91E-05	1.42E-02	0.00E+00	1.07E+01	3.01E-08	1.07E+01	1.07E+01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	2.90E-03
VU36DKN	4.77E-03	7.53E-01	0.00E+00	7.53E-01	0.00E+00	0.00E+00	4.94E-01	2.83E-07	2.24E-03	2.46E-02	0.00E+00	0.00E+00	1.32E-11	2.56E-10	1.84E-03	0.00E+00	0.00E+00	0.00E+00	6.67E-05	2.65E-02	1.05E+01	0.00E+00	1.16E-09	3.88E-08	6.19E-03	1.89E-05	1.40E-02	0.00E+00	1.05E+01	2.97E-08	1.05E+01	1.05E+01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.86E-03
VU36EP	4.77E-03	7.53E-01	0.00E+00	7.53E-01	0.00E+00	0.00E+00	4.94E-01	2.83E-07	2.24E-03	2.45E-02	0.00E+00	0.00E+00	1.32E-11	2.56E-10	1.84E-03	0.00E+00	0.00E+00	0.00E+00	6.66E-05	2.65E-02	1.05E+01	0.00E+00	1.16E-09	3.88E-08	6.19E-03	1.88E-05	1.40E-02	0.00E+00	1.05E+01	2.97E-08	1.05E+01	1.05E+01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.86E-03
VU36IE	5.39E-03	8.51E-01	0.00E+00	8.51E-01	0.00E+00	0.00E+00	5.57E-01	3.20E-07	2.53E-03	2.77E-02	0.00E+00	0.00E+00	1.50E-11	2.89E-10	2.07E-03	0.00E+00	0.00E+00	0.00E+00	7.53E-05	2.99E-02	1.19E+01	0.00E+00	1.31E-09	4.38E-08	7.00E-03	2.13E-05	1.58E-02	0.00E+00	1.19E+01	3.35E-08	1.19E+01	1.19E+01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	3.23E-03
VU36LN	5.26E-03	8.29E-01	0.00E+00	8.29E-01	0.00E+00	0.00E+00	5.44E-01	3.11E-07	2.46E-03	2.70E-02	0.00E+00	0.00E+00	1.46E-11	2.82E-10	2.02E-03	0.00E+00	0.00E+00	0.00E+00	7.34E-05	2.91E-02	1.16E+01	0.00E+00	1.27E-09	4.28E-08	6.82E-03	2.08E-05	1.55E-02	0.00E+00	1.16E+01	3.27E-08	1.16E+01	1.16E+01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	3.15E-03
VU36NA	4.68E-03	7.38E-01	0.00E+00	7.38E-01	0.00E+00	0.00E+00	4.84E-01	2.77E-07	2.19E-03	2.41E-02	0.00E+00	0.00E+00	1.30E-11	2.51E-10	1.80E-03	0.00E+00	0.00E+00	0.00E+00	6.53E-05	2.59E-02	1.03E+01	0.00E+00	1.13E-09	3.81E-08	6.07E-03	1.85E-05	1.38E-02	0.00E+00	1.03E+01	2.91E-08	1.03E+01	1.03E+01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	2.81E-03
VU36NC	4.79E-03	7.56E-01	0.00E+00	7.56E-01	0.00E+00	0.00E+00	4.96E-01	2.84E-07	2.25E-03	2.47E-02	0.00E+00	0.00E+00	1.33E-11	2.57E-10	1.84E-03	0.00E+00	0.00E+00	0.00E+00	6.69E-05	2.66E-02	1.06E+01	0.00E+00	1.16E-09	3.90E-08	6.22E-03	1.89E-05	1.41E-02	0.00E+00	1.06E+01	2.98E-08	1.06E+01	1.06E+01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
VU36NCT	3.59E-03	5.67E-01	0.00E+00	5.67E-01	0.00E+00	0.00E+00	3.72E-01	2.13E-07	1.68E-03	1.85E-02	0.00E+00	0.00E+00	9.97E-12	1.93E-10	1.38E-03	0.00E+00	0.00E+00	0.00E+00	5.02E-05	1.99E-02	7.92E+00	0.00E+00	8.70E-10	2.92E-08	4.66E-03	1.42E-05	1.06E-02	0.00E+00	7.92E+00	2.23E-08	7.92E+00	7.93E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03
VU36ND	4.91E-03	7.74E-01	0.00E+00	7.74E-01	0.00E+00	0.00E+00	5.08E-01	2.91E-07	2.30E-03	2.52E-02	0.00E+00	0.00E+00	1.36E-11	2.63E-10	1.89E-03	0.00E+00	0.00E+00	0.00E+00	6.85E-05	2.72E-02	1.08E+01	0.00E+00	1.19E-09	3.99E-08	6.36E-03	1.94E-05	1.44E-02	0.00E+00	1.08E+01	3.05E-08	1.08E+01	1.08E+01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	2.94E-03
VU36NE	4.86E-03	7.66E-01	0.00E+00	7.66E-01	0.00E+00	0.00E+00	5.03E-01	2.88E-07	2.28E-03	2.50E-02	0.00E+00	0.00E+00	1.35E-11	2.61E-10	1.87E-03	0.00E+00	0.00E+00	0.00E+00	6.79E-05	2.69E-02	1.07E+01	0.00E+00	1.18E-09	3.95E-08	6.30E-03	1.92E-05	1.43E-02	0.00E+00	1.07E+01	3.02E-08	1.07E+01	1.07E+01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	2.91E-03
VU36NG	4.77E-03	7.53E-01	0.00E+00	7.53E-01	0.00E+00	0.00E+00	4.94E-01	2.83E-07	2.24E-03	2.45E-02	0.00E+00	0.00E+00	1.32E-11	2.56E-10	1.84E-03	0.00E+00	0.00E+00	0.00E+00	6.67E-05	2.64E-02	1.05E+01	0.00E+00	1.16E-09	3.88E-08	6.19E-03	1.88E-05	1.40E-02	0.00E+00	1.05E+01	2.97E-08	1.05E+01	1.05E+01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.86E-03
VU36NH	4.88E-03	7.69E-01	0.00E+00	7.69E-01	0.00E+00	0.00E+00	5.05E-01	2.89E-07	2.29E-03	2.51E-02	0.00E+00	0.00E+00	1.35E-11	2.62E-10	1.88E-03	0.00E+00	0.00E+00	0.00E+00	6.81E-05	2.70E-02	1.07E+01	0.00E+00	1.18E-09	3.97E-08	6.33E-03	1.93E-05	1.43E-02	0.00E+00	1.07E+01	3.03E-08	1.07E+01	1.08E+01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	2.93E-03
VU36NKM	1.74E-03	2.74E-01	0.00E+00	2.74E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.14E-04	8.93E-03	0.00E+00	0.00E+00	4.82E-12	9.33E-11	6.68E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	9.62E-03	3.83E+00	0.00E+00	4.21E-10	1.41E-08	2.25E-03	6.86E-06	5.10E-03	0.00E+00	3.83E+00	1.08E-08	3.83E+00	3.83E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VU36NMB	4.84E-03	7.63E-01	0.00E+00	7.63E-01	0.00E+00	0.00E+00	5.01E-01	2.87E-07	2.27E-03	2.49E-02	0.00E+00	0.00E+00	1.34E-11	2.60E-10	1.86E-03	0.00E+00	0.00E+00	0.00E+00	6.76E-05	2.68E-02	1.07E+01	0.00E+00	1.17E-09	3.94E-08	6.28E-03	1.91E-05	1.42E-02	0.00E+00	1.07E+01	3.01E-08	1.07E+01	1.07E+01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	2.90E-03
VU36NN	4.77E-03	7.52E-01	0.00E+00	7.52E-01	0.00E+00	0.00E+00	4.93E-01	2.83E-07	2.24E-03	2.45E-02	0.00E+00	0.00E+00	1.32E-11	2.56E-10	1.83E-03	0.00E+00	0.00E+00	0.00E+00	6.66E-05	2.64E-02	1.05E+01	0.00E+00	1.15E-09	3.88E-08	6.19E-03	1.88E-05	1.40E-02	0.00E+00	1.05E+01	2.97E-08	1.05E+01	1.05E+01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.86E-03
VU36NP	5.26E-03	8.36E-01	0.00E+00	8.36E-01	0.00E+00	0.00E+00	5.47E-01	3.14E-07	2.48E-03	2.72E-02	0.00E+00	0.00E+00	1.47E-11	2.84E-10	2.04E-03	0.00E+00	0.00E+00	0.00E+00	7.39E-05	2.94E-02	1.17E+01	0.00E+00	1.28E-09	4.30E-08	6.87E-03	2.09E-05	1.56E-02	0.00E+00	1.17E+01	3.29E-08	1.17E+01	1.17E+01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	3.17E-03
VU36NR	4.77E-03	7.53E-01	0.00E+00	7.53E-01	0.00E+00	0.00E+00	4.94E-01	2.83E-07	2.24E-03	2.46E-02	0.00E+00	0.00E+00	1.32E-11	2.56E-10	1.84E-03	0.00E+00	0.00E+00	0.00E+00	6.67E-05	2.65E-02	1.05E+01	0.00E+00	1.16E-09	3.88E-08	6.19E-03	1.88E-05	1.40E-02	0.00E+00	1.05E+01	2.97E-08	1.05E+01	1.05E+01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.86E-03
VU36NRM	3.80E-03	5.97E-01	0.00E+00	5.97E-01	0.00E+00	0.00E+00	3.92E-01	2.24E-07	1.77E-03	1.95E-02	0.00E+00	0.00E+00	1.05E-11	2.03E-10	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.29E-05	2.10E-02	8.34E+00	0.00E+00	9.16E-10	3.08E-08	4.91E-03	1.49E-05	1.11E-02	0.00E+00	8.34E+00	2.35E-08	8.34E+00	8.35E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
VU36NSG	5.13E-03	8.18E-01	0.00E+00	8.18E-01	0.00E+00	0.00E+00	5.35E-01	3.07E-07	2.43E-03	2.67E-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	7.24E-05	2.87E-02	1.14E+01	0.00E+00	1.25E-09	4.21E-08	6.72E-03	2.04E-05	1.52E-02	0.00E+00	1.14E+01	3.23E-08	1.14E+01	1.14E+01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	3.11E-03
VU36NW	4.74E-03	7.50E-01	0.00E+00	7.50E-01	0.00E+00	0.00E+00	4.91E-01	2.81E-07	2.23E-03	2.44E-02	0.00E+00	0.00E+00	1.32E-11	2.55E-10	1.83E-03	0.00E+00	0.00E+00	0.00E+00	6.64E-05	2.63E-02	1.05E+01	0.00E+00	1.15E-09	3.86E-08	6.17E-03	1.88E-05	1.40E-02	0.00E+00	1.05E+01	2.95E-08	1.05E+01	1.05E+01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	2.85E-03
VU36UA	5.54E-03	8.50E-01	0.00E+00	8.50E-01	0.00E+00	0.00E+00	5.57E-01	3.20E-07	2.53E-03	2.77E-02	0.00E+00	0.00E+00	1.50E-11	2.89E-10	2.07E-03	0.00E+00	0.00E+00	0.00E+00	7.53E-05	2.99E-02	1.19E+01	0.00E+00	1.30E-09	4.39E-08	6.99E-03	2.13E-05	1.58E-02	0.00E+00	1.19E+01	3.35E-08	1.19E+01	1.19E+01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	3.23E-03
VU36WWH	4.03E-03	6.37E-01	0.00E+00	6.37E-01	0.00E+00	0.00E+00	4.17E-01	2.39E-07	1.89E-03	2.08E-02	0.00E+00	0.00E+00	1.12E-11	2.17E-10	1.55E-03	0.00E+00	0.00E+00	0.00E+00	5.64E-05	2.24E-02	8.89E+00	0.00E+00	9.77E-10	3.28E-08	5.24E-03	1.59E-05	1.19E-02	0.00E+00	8.89E+00	2.51E-08	8.89E+00	8.90E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	2.42E-03
VU48AT	5.83E-03	9.20E-01	0.00E+00	9.20E-01	0.00E+00	0.00E+00	6.03E-01	3.45E-07	2.73E-03	3.00E-02	0.00E+00	0.00E+00	1.62E-11	3.13E-10	2.24E-03	0.00E+00	0.00E+00	0.00E+00	8.14E-05	3.23E-02	1.28E+01	0.00E+00	1.41E-09	4.74E-08	7.56E-03	2.30E-05	1.71E-02	0.00E+00	1.28E+01	3.62E-08	1.28E+01	1.29E+01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	3.50E-03
VU48EP	5.78E-03	9.12E-01	0.00E+00	9.12E-01	0.00E+00	0.00E+00	5.98E-01	3.43E-07	2.71E-03	2.97E-02	0.00E+00	0.00E+00	1.60E-11	3.10E-10	2.22E-03	0.00E+00	0.00E+00	0.00E+00	8.07E-05	3.21E-02	1.27E+01	0.00E+00	1.40E-09	4.70E-08	7.50E-03	2.28E-05	1.70E-02	0.00E+00	1.27E+01	3.60E-08	1.27E+01	1.28E+01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	3.47E-03
VU48ET	5.53E-03	8.49E-01	0.00E+00	8.49E-01	0.00E+00	0.00E+00	5.56E-01	3.19E-07	2.52E-03	2.77E-02	0.00E+00	0.00E+00	1.49E-11	2.89E-10	2.07E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-05	2.98E-02	1.18E+01	0.00E+00	1.30E-09	4.38E-08	6.97E-03	2.13E-05	1.58E-02	0.00E+00	1.18E+01	3.34E-08	1.18E+01	1.19E+01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	3.23E-03

VU48IE	6.47E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	6.69E-01	3.83E-07	3.03E-03	3.33E-02	0.00E+00	0.00E+00	1.79E-11	3.47E-10	2.49E-03	0.00E+00	0.00E+00	0.00E+00	9.02E-05	3.59E-02	1.42E+01	0.00E+00	1.56E-09	5.26E-08	8.40E-03	2.55E-05	1.90E-02	0.00E+00	1.42E+01	4.02E-08	1.42E+01	1.43E+01	1.90E-02	0.00E+00	0.00E+00	0.00E+00	3.88E-03
VU48LN	6.33E-03	9.98E-01	0.00E+00	9.98E-01	0.00E+00	0.00E+00	6.55E-01	3.75E-07	2.97E-03	3.26E-02	0.00E+00	0.00E+00	1.76E-11	3.40E-10	2.43E-03	0.00E+00	0.00E+00	0.00E+00	8.84E-05	3.51E-02	1.39E+01	0.00E+00	1.53E-09	5.15E-08	8.21E-03	2.50E-05	1.86E-02	0.00E+00	1.39E+01	3.94E-08	1.39E+01	1.40E+01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
VU48MMV	5.53E-03	8.49E-01	0.00E+00	8.49E-01	0.00E+00	0.00E+00	5.56E-01	3.19E-07	2.52E-03	2.77E-02	0.00E+00	0.00E+00	1.49E-11	2.89E-10	2.07E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-05	2.98E-02	1.18E+01	0.00E+00	1.30E-09	4.38E-08	6.97E-03	2.13E-05	1.58E-02	0.00E+00	1.18E+01	3.34E-08	1.18E+01	1.19E+01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	3.23E-03
VU48NA	5.68E-03	8.96E-01	0.00E+00	8.96E-01	0.00E+00	0.00E+00	5.88E-01	3.37E-07	2.66E-03	2.92E-02	0.00E+00	0.00E+00	1.58E-11	3.05E-10	2.19E-03	0.00E+00	0.00E+00	0.00E+00	7.93E-05	3.15E-02	1.25E+01	0.00E+00	1.38E-09	4.62E-08	7.37E-03	2.24E-05	1.67E-02	0.00E+00	1.25E+01	3.53E-08	1.25E+01	1.25E+01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	3.41E-03
VU48NC	5.90E-03	9.30E-01	0.00E+00	9.30E-01	0.00E+00	0.00E+00	6.10E-01	3.49E-07	2.76E-03	3.03E-02	0.00E+00	0.00E+00	1.64E-11	3.17E-10	2.27E-03	0.00E+00	0.00E+00	0.00E+00	8.23E-05	3.27E-02	1.30E+01	0.00E+00	1.43E-09	4.80E-08	7.65E-03	2.33E-05	1.73E-02	0.00E+00	1.30E+01	3.67E-08	1.30E+01	1.30E+01	1.73E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-03
VU48NCT	4.08E-03	6.44E-01	0.00E+00	6.44E-01	0.00E+00	0.00E+00	4.23E-01	2.42E-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	5.71E-05	2.26E-02	9.00E+00	0.00E+00	9.89E-10	3.32E-08	5.30E-03	1.61E-05	1.20E-02	0.00E+00	9.00E+00	2.54E-08	9.00E+00	9.01E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	2.45E-03
VU48ND	5.93E-03	9.35E-01	0.00E+00	9.35E-01	0.00E+00	0.00E+00	6.13E-01	3.51E-07	2.78E-03	3.05E-02	0.00E+00	0.00E+00	1.64E-11	3.18E-10	2.28E-03	0.00E+00	0.00E+00	0.00E+00	8.28E-05	3.29E-02	1.31E+01	0.00E+00	1.43E-09	4.82E-08	7.69E-03	2.34E-05	1.74E-02	0.00E+00	1.31E+01	3.68E-08	1.31E+01	1.31E+01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	3.55E-03
VU48NE	5.85E-03	9.22E-01	0.00E+00	9.22E-01	0.00E+00	0.00E+00	6.05E-01	3.46E-07	2.74E-03	3.01E-02	0.00E+00	0.00E+00	1.62E-11	3.14E-10	2.25E-03	0.00E+00	0.00E+00	0.00E+00	8.16E-05	3.24E-02	1.29E+01	0.00E+00	1.42E-09	4.76E-08	7.59E-03	2.31E-05	1.72E-02	0.00E+00	1.29E+01	3.64E-08	1.29E+01	1.29E+01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	3.51E-03
VU48NG	5.63E-03	8.88E-01	0.00E+00	8.88E-01	0.00E+00	0.00E+00	5.82E-01	3.33E-07	2.64E-03	2.89E-02	0.00E+00	0.00E+00	1.56E-11	3.02E-10	2.16E-03	0.00E+00	0.00E+00	0.00E+00	7.86E-05	3.12E-02	1.24E+01	0.00E+00	1.36E-09	4.58E-08	7.30E-03	2.22E-05	1.65E-02	0.00E+00	1.24E+01	3.50E-08	1.24E+01	1.24E+01	1.65E-02	0.00E+00	0.00E+00	0.00E+00	3.38E-03
VU48NH	6.16E-03	9.71E-01	0.00E+00	9.71E-01	0.00E+00	0.00E+00	6.37E-01	3.65E-07	2.89E-03	3.17E-02	0.00E+00	0.00E+00	1.71E-11	3.31E-10	2.37E-03	0.00E+00	0.00E+00	0.00E+00	8.60E-05	3.41E-02	1.36E+01	0.00E+00	1.49E-09	5.01E-08	7.99E-03	2.43E-05	1.81E-02	0.00E+00	1.36E+01	3.83E-08	1.36E+01	1.36E+01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	3.69E-03
VU48NKM	1.88E-03	2.97E-01	0.00E+00	2.97E-01	0.00E+00	0.00E+00	1.95E-01	1.11E-07	8.81E-04	9.67E-03	0.00E+00	0.00E+00	5.22E-12	1.01E-10	7.23E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05	1.04E-02	4.14E+00	0.00E+00	4.55E-10	1.53E-08	2.44E-03	7.42E-06	5.53E-03	0.00E+00	4.14E+00	1.17E-08	4.14E+00	4.15E+00	5.53E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-03
VU48NN	5.91E-03	9.32E-01	0.00E+00	9.32E-01	0.00E+00	0.00E+00	6.11E-01	3.50E-07	2.77E-03	3.04E-02	0.00E+00	0.00E+00	1.64E-11	3.17E-10	2.27E-03	0.00E+00	0.00E+00	0.00E+00	8.25E-05	3.28E-02	1.30E+01	0.00E+00	1.43E-09	4.81E-08	7.67E-03	2.33E-05	1.74E-02	0.00E+00	1.30E+01	3.67E-08	1.30E+01	1.30E+01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-03
VU48NP	6.18E-03	9.75E-01	0.00E+00	9.75E-01	0.00E+00	0.00E+00	6.40E-01	3.66E-07	2.90E-03	3.18E-02	0.00E+00	0.00E+00	1.72E-11	3.32E-10	2.38E-03	0.00E+00	0.00E+00	0.00E+00	8.63E-05	3.43E-02	1.36E+01	0.00E+00	1.50E-09	5.03E-08	8.02E-03	2.44E-05	1.82E-02	0.00E+00	1.36E+01	3.84E-08	1.36E+01	1.36E+01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	3.71E-03
VU48NR	5.74E-03	9.06E-01	0.00E+00	9.06E-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	8.02E-05	3.18E-02	1.27E+01	0.00E+00	1.39E-09	4.67E-08	7.45E-03	2.27E-05	1.69E-02	0.00E+00	1.27E+01	3.57E-08	1.27E+01	1.27E+01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	3.44E-03
VU48NRM	4.44E-03	6.86E-01	0.00E+00	6.86E-01	0.00E+00	0.00E+00	4.49E-01	2.58E-07	2.04E-03	2.24E-02	0.00E+00	0.00E+00	1.21E-11	2.33E-10	1.67E-03	0.00E+00	0.00E+00	0.00E+00	6.05E-05	2.41E-02	9.58E+00	0.00E+00	1.05E-09	3.53E-08	5.63E-03	1.72E-05	1.28E-02	0.00E+00	9.58E+00	2.70E-08	9.58E+00	9.56E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00	2.60E-03
VU48NSG	6.44E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	6.66E-01	3.81E-07	3.02E-03	3.31E-02	0.00E+00	0.00E+00	1.78E-11	3.45E-10	2.48E-03	0.00E+00	0.00E+00	0.00E+00	8.98E-05	3.57E-02	1.42E+01	0.00E+00	1.56E-09	5.24E-08	8.35E-03	2.54E-05	1.89E-02	0.00E+00	1.42E+01	4.00E-08	1.42E+01	1.42E+01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	3.86E-03
VU48NW	5.56E-03	8.53E-01	0.00E+00	8.53E-01	0.00E+00	0.00E+00	5.58E-01	3.20E-07	2.54E-03	2.78E-02	0.00E+00	0.00E+00	1.50E-11	2.90E-10	2.08E-03	0.00E+00	0.00E+00	0.00E+00	7.55E-05	3.00E-02	1.19E+01	0.00E+00	1.31E-09	4.40E-08	7.01E-03	2.14E-05	1.59E-02	0.00E+00	1.19E+01	3.36E-08	1.19E+01	1.19E+01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	3.24E-03
VU48NWP	5.47E-03	8.62E-01	0.00E+00	8.62E-01	0.00E+00	0.00E+00	5.65E-01	3.24E-07	2.56E-03	2.81E-02	0.00E+00	0.00E+00	1.52E-11	2.93E-10	2.10E-03	0.00E+00	0.00E+00	0.00E+00	7.63E-05	3.03E-02	1.20E+01	0.00E+00	1.32E-09	4.44E-08	7.09E-03	2.16E-05	1.61E-02	0.00E+00	1.20E+01	3.40E-08	1.20E+01	1.21E+01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	3.28E-03
VU48UA	5.72E-03	9.02E-01	0.00E+00	9.02E-01	0.00E+00	0.00E+00	5.92E-01	3.39E-07	2.68E-03	2.94E-02	0.00E+00	0.00E+00	1.59E-11	3.07E-10	2.20E-03	0.00E+00	0.00E+00	0.00E+00	7.99E-05	3.17E-02	1.26E+01	0.00E+00	1.38E-09	4.65E-08	7.42E-03	2.26E-05	1.68E-02	0.00E+00	1.26E+01	3.56E-08	1.26E+01	1.26E+01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	3.43E-03
VU48WWH	5.68E-03	8.95E-01	0.00E+00	8.95E-01	0.00E+00	0.00E+00	5.87E-01	3.36E-07	2.66E-03	2.92E-02	0.00E+00	0.00E+00	1.57E-11	3.05E-10	2.18E-03	0.00E+00	0.00E+00	0.00E+00	7.92E-05	3.15E-02	1.25E+01	0.00E+00	1.37E-09	4.62E-08	7.36E-03	2.24E-05	1.67E-02	0.00E+00	1.25E+01	3.53E-08	1.25E+01	1.25E+01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	3.40E-03
VU48WWV	5.53E-03	8.49E-01	0.00E+00	8.49E-01	0.00E+00	0.00E+00	5.56E-01	3.19E-07	2.52E-03	2.77E-02	0.00E+00	0.00E+00	1.49E-11	2.89E-10	2.07E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-05	2.98E-02	1.18E+01	0.00E+00	1.30E-09	4.38E-08	6.97E-03	2.13E-05	1.58E-02	0.00E+00	1.18E+01	3.34E-08	1.18E+01	1.19E+01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	3.23E-03
VU601PLH	6.24E-03	9.84E-01	0.00E+00	9.84E-01	0.00E+00	0.00E+00	6.45E-01	3.70E-07	2.92E-03	3.21E-02	0.00E+00	0.00E+00	1.73E-11	3.35E-10	2.40E-03	0.00E+00	0.00E+00	0.00E+00	8.71E-05	3.46E-02	1.37E+01	0.00E+00	1.51E-09	5.07E-08	8.09E-03	2.46E-05	1.83E-02	0.00E+00	1.37E+01	3.88E-08	1.37E+01	1.38E+01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	3.74E-03
VU602NWH	6.44E-03	1.02E+00	0.00E+00	1.02E+00	0.00E+00	0.00E+00	6.66E-01	3.81E-07	3.02E-03	3.31E-02	0.00E+00	0.00E+00	1.78E-11	3.45E-10	2.48E-03	0.00E+00	0.00E+00	0.00E+00	8.98E-05	3.57E-02	1.42E+01	0.00E+00	1.56E-09	5.24E-08	8.35E-03	2.54E-05	1.89E-02	0.00E+00	1.42E+01	4.00E-08	1.42E+01	1.42E+01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	3.86E-03
VU602WWH	5.74E-03	9.06E-01	0.00E+00	9.06E-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	8.02E-05	3.18E-02	1.27E+01	0.00E+00	1.39E-09	4.67E-08	7.45E-03	2.27E-05	1.69E-02	0.00E+00	1.27E+01	3.57E-08	1.27E+01	1.27E+01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	3.44E-03
VU603NWH	6.71E-03	1.06E+00	0.00E+00	1.06E+00	0.00E+00	0.00E+00	6.94E-01	3.97E-07	3.14E-03	3.45E-02	0.00E+00	0.00E+00	1.86E-11	3.60E-10	2.58E-03	0.00E+00	0.00E+00	0.00E+00	9.36E-05	3.72E-02	1.48E+01	0.00E+00	1.62E-09	5.45E-08	8.70E-03	2.65E-05	1.97E-02	0.00E+00	1.48E+01	4.17E-08	1.48E+01	1.48E+01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	4.02E-03
VU603PLH	6.54E-03	1.03E+00	0.00E+00	1.03E+00	0.00E+00	0.00E+00	6.76E-01	3.87E-07	3.07E-03	3.36E-02	0.00E+00	0.00E+00	1.81E-11	3.51E-10	2.51E-03	0.00E+00	0.00E+00	0.00E+00	9.13E-05	3.62E-02	1.44E+01	0.00E+00	1.58E-09	5.32E-08	8.48E-03	2.58E-05	1.92E-02	0.00E+00	1.44E+01	4.06E-08	1.44E+01	1.44E+01	1.92E-02	0.00E+00	0.00E+00	0.00E+00	3.92E-03
VU60AT	6.93E-03	1.10E+00	0.00E+00	1.10E+00	0.00E+00	0.00E+00	7.18E-01	4.12E-07	3.26E-03	3.57E-02	0.00E+00	0.00E+00	1.92E-11	3.75E-10	2.67E-03	0.00E+00	0.00E+00	0.00E+00	9.71E-05	3.85E-02	1.54E+01	0.00E+00	1.68E-09	5.67E-08	9.03E-03	2.76E-05	2.04E-02	0.00E+00	1.54E+01	4.31E-08	1.54E+01	1.53E+01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-03
VU60DKN	6.77E-03	1.07E+00	0.00E+00	1.07E+00	0.00E+00	0.00E+00	7.01E-01	4.01E-07	3.18E-03	3.48E-02	0.00E+00	0.00E+00	1.88E-11	3.63E-10	2.60E-03	0.00E+00	0.00E+00	0.00E+00	9.45E-05	3.75E-02	1.49E+01	0.00E+00	1.64E-09	5.51E-08	8.79E-03	2.67E-05	1.99E-02	0.00E+00	1.49E+01	4.21E-08	1.49E+01	1.49E+01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	4.06E-03
VU60EP	6.67E-03	1.05E+00	0.00E+00	1.05E+00	0.00E+00	0.00E+00	6.90E-01	3.95E-07	3.13E-03	3.43E-02	0.00E+00	0.00E+00	1.85E-11	3.58E-10	2.56E-03	0.00E+00	0.00E+00	0.00E+00	9.31E-05	3.70E-02	1.47E+01	0.00E+00	1.61E-09	5.42E-08	8.65E-03	2.63E-05	1.96E-02	0.00E+00	1.47E+01	4.14E-08	1.47E+01	1.47E+01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-03
VU60ET	6.19E-03	9.75E-01	0.00E+00	9.75E-01	0.00E+00	0.00E+00	6.40E-01	3.66E-07	2.90E-03	3.18E-02	0.00E+00	0.00E+00	1.72E-11	3.32E-10	2.38E-03	0.00E+00	0.00E+00	0.00E+00	8.63E-05	3.43E-02	1.36E+01	0.00E+00	1.50E-09	5.03E-08	8.02E-03	2.44E-05	1.82E-02	0.00E+00	1.36E+01	3.84E-08	1.36E+01	1.36E+01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	3.71E-03
VU60MMV	5.95E-03	9.38E-01	0.00E+00	9.38E-01	0.00E+00	0.00E+00	6.15E-01	3.52E-07	2.79E-03	3.06E-02	0.00E+00	0.00E+00	1.65E-11	3.19E-10	2.29E-03	0.00E+00	0.00E+00	0.00E+00	8.30E-05	3.30E-02	1.31E+01	0.00E+00	1.44E-09	4.84E-08	7.71E-03	2.35E-05	1.75E-02	0.00E+00	1.31E+01	3.70E-08	1.31E+01	1.31E+01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	3.57E-03
VU60NA	6.73E-03	1.06E+00	0.00E+00	1.06E+00	0.00E+00	0.00E+00	6.96E-01	3.99E-07	3.15E-03	3.46E-02	0.00E+00	0.00E+00	1.87E-11	3.61E-10	2.59E-03	0.00E+00	0.00E+00	0.00E+00	9.39E-05	3.73E-02	1.48E+01	0.00E+00	1.63E-09	5.47E-08	8.73E-03	2.66E-05	1.98E-02	0.00E+00	1.48E+01	4.18E-08	1.48E+01	1.48E+01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	4.03E-03
VU60NC	6.93E-03	1.10E+00	0.00E+00	1.10E+00	0.00E+00	0.00E+00	7.18E-01	4.12E-07	3.26E-03	3.57E-02	0.00E+00	0.00E+00	1.92E-11	3.75E-10	2.67E-03	0.00E+00	0.00E+00	0.00E+00	9.71E-05	3.85E-02	1.54E+01	0.00E+00	1.68E-09	5.67E-08	9.03E-03	2.76E-05	2.04E-02	0.00E+00	1.54E+01	4.31E-08	1.54E+01	1.53E+01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-03
VU60NE	6.87E-03	1.08E+00	0.00E+00	1.08E+00	0.00E+00	0.00E+00	7.10E-01	4.07E-07	3.22E-03	3.53E-02	0.00E+00	0.00E+00	1.91E-11	3.69E-10	2.64E-03	0.00E+00	0.00E+00	0.00E+00	9.59E-05	3.81E-02	1.51E+01	0.00E+00	1.66E-09	5.59E-08	8.91E-03	2.71E-05	2.02E-02	0.00E+00	1.51E+01	4.27E-08	1.51E+01	1.52E+01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	4.12E-03
VU60NG	6.93E-03	1.10E+00	0.00E+00	1.10E+00	0.00E+00	0.00E+00	7.18E-01	4.12E-07	3.26E-03	3.57E-02	0.00E+00	0.00E+00	1.92E-11	3.75E-10	2.67E-03	0.00E+00	0.00E+00	0.00E+00	9.71E-05	3.85E-02	1.54E+01	0.00E+00	1.68E-09	5.67E-08	9.03E-03	2.76E-05	2.04E-02	0.00E+00	1.54E+01	4.31E-08	1.54E+01	1.53E+01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-03
VU60NH	6.93E-03	1.10E+00	0.00E+00	1.10E+00	0.00E+00	0.00E+00	7.18E-01	4.12E-07	3.26E-03	3.57E-02	0.00E+00	0.00E+00	1.92E-11	3.75E-10	2.67E-03	0.00E+00	0.00E+00	0.00E+00	9.71E-05	3.85E-02	1.54E+01	0.00E+00	1.68E-09	5.67E-08	9.03E-03	2.76E-05	2.04E-02	0.00E+00	1.54E+01	4.31E-08	1.54E+01	1.53E+01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-03
VU60NKM	1.87E-03	2.95E-01	0.00E+00	2.95E-01	0.00E+00	0.00E+00	1.94E-01	1.11E-07	8.77E-04	9.63E-03	0.00E+00	0.00E+00	5.20E-12	1.00E-10	7.21E-04	0.00E+00	0.00E+00	0.00E+00	2.61E-05	1.04E-02	4.13E+00	0.00E+00	4.53E-10	1.52E-08	2.43E-03	7.39E-06	5.51E-03	0.00E+00	4.13E+00	1.16E-08	4.13E+00	4.13E+00	5.51E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-03
VU60NN	6.91E-03	1.09E+00	0.00E+00	1.09E+00	0.00E+00	0.00E+00	7.15E-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	9.65E-05	3.83E-02	1.52E+01	0.00E+00	1.67E-09	5.62E-08	8.96E-03	2.73E-05	2.03E-02	0.00E+00	1.52E+01	4.30E-08	1.52E+01	1.52E+01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	4.14E-03
VU60NR	6.93E-03	1.10E+00	0.00E+00	1.10E+00	0.00E+00	0.00E+00	7.18E-01	4.12E-07	3.26E-03	3.57E-02	0.00E+00	0.00E+00	1.92E-11	3.75E-10	2.67E-03	0.00E+00	0.00E+00	0.00E+00	9.71E-05	3.85E-02	1.54E+01	0.00E+00	1.68E-09	5.67E-08	9.03E-03	2.76E-05	2.04E-02	0.00E+00	1.54E+01	4.31E-08	1.54E+01	1.53E+01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-03
VU60NW	6.29E-03	9.91E-01	0.00E+00	9.91E-01	0.00E+00	0.00E+00	6.50E-01	3.72E-07	2.95E-03	3.23E-02	0.00E+00	0.00E+00	1.74E-11	3.37E-10	2.42E-03	0.00E+00	0.00E+00	0.00E+00	8.78E-05	3.48E-02	1.38E+01	0.00E+00	1.52E-09	5.11E-08	8.15E-03	2.48E-05	1.85E-02	0.00E+00	1.38E+01	3.91E-08	1.38E+01	1.39E+01	1.85E-02	0.00E+00	0.00E+00	0.00E+00	3.77E-03
VU60NWB	5.68E-03	8.95E-01	0.00E+00	8.95E-01	0.00E+00	0.00E+00	5.87E-01	3.36E-07	2.66E-03	2.92E-02	0.00E+00	0.00E+00	1.57E-11	3.05E-10	2.18E-03	0.00E+00	0.00E+00	0.00E+00	7.92E-05	3.15E-02	1.25E+01	0.00E+00	1.37E-09	4.62E-08	7.36E-03	2.24E-05	1.67E-02	0.00E+00	1.25E+01	3.53E-08	1.25E+01	1.25E+01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	3.40E-03
VU60NWP	6.27E-03	9.88E-01	0.00E+00	9.88E-01	0.00E+00	0.00E+00	6.48E-01	3.71E-07	2.94E-03	3.22E-02	0.00E+00	0.00E+00	1.74E-11	3.36E-10	2.41E-03	0.00E+00	0.00E+00	0.00E+00	8.75E-05	3.47E-02	1.38E+01	0.00E+00	1.52E-09	5.10E-08	8.13E-03	2.47E-05	1.84E-02	0.00E+00	1.38E+01	3.90E-08	1.38E+01	1.38E+01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	3.76E-03
VU60UA	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	1.91E-11	3.72E-10	2.65E-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	5.62E-08	8.96E-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
VU60WWH	5.76E-03	9.08E-01	0.00E+00	9.08E-01	0.00E+00	0.00E+00	5.95E-01	3.41E-07	2.70E-03	2.96E-02	0.00E+00	0.00E+00	1.60E-11	3.09E-10	2.21E-03	0.00E+00	0.00E+00	0.00E+00	8.04E-05	3.19E-02	1.27E+01	0.00E+00	1.39E-09	4.68E-08	7.46E-03	2.27E-05	1.69E-02	0.00E+00	1.27E+01	3.58E-08	1.27E+01	1.27E+01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	3.45E-03
VU60WWV	5.53E-03	8.49E-01	0.00E+00	8.49E-01	0.00E+00	0.00E+00	5.56E-01	3.19E-07	2.52E-03	2.77E-02	0.00E+00	0.00E+00	1.49E-11	2.89E-10	2.07E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-05	2.98E-02	1.18E+01	0.00E+00	1.30E-09	4.38E-08	6.97E-03	2.13E-05	1.58E-02	0.00E+00	1.18E+01	3.34E-08	1.18E+01	1.19E+01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	3.23E-03
VZ002VB	2.04E-04	3.22E-02	0.00E+00	3.22E-02	0.00E+00	0.00E+00	2.11E-02	1.21E-08	9.57E-05	1.05E-03	0.00E+00	0.00E+00	5.67E-13	1.10E-11	7.86E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	1.13E-03	4.50E-01	0.00E+00	4.94E-11	1.66E-09	2.65E-04	8.06E-07	6.00E-04	0.00E+00	4.50E-01	1.27E-09	4.50E-01	4.51E-01	6.00E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04
VZ006VB	1.52E-04	2.40E-02	0.00E+00	2.40E-02	0.00E+00	0.00E+00	1.58E-02	9.03E-09	7.14E-05	7.84E-04	0.00E+00	0.00E+00	4.23E-13	8.18E-12	5.86E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	8.45E-04	3.36E-01	0.00E+00	3.69E-11	1.24E-09	1.98E-04	6.02E-07	4.48E-04	0.00E+00	3.36E-01	9.47E-10	3.36E-01	3.36E-01	4.48E-04	0.00E+00	0.00E+00	0.00E+00	9.14E-05
VZ007VB	1.60E-04	2.52E-02	0.00E+00	2.52E-02	0.00E+00	0.00E+00	1.65E-02	9.45E-09	7.48E-05	8.21E-04	0.00E+00	0.00E+00	4.43E-13	8.57E-12	6.14E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	8.84E-04	3.52E-01	0.00E+00	3.86E-11	1.30E-09	2.07E-04	6.30E-07	4.69E-04	0.00E+00	3.52E-01	9.92E-10	3.52E-01	3.52E-01	4.69E-04	0.00E+00	0.00E+00	0.00E+00	9.57E-05
VZ00HW	4.35E-04	6.83E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.48E-02	2.57E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.33E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.40E-03	9.54E-01	0.00E+00	1.05E-10	3.52E-09	5.62E-04	1.71E-06	1.27E-03	0.00E+00	9.54E-01	2.69E-09	9.54E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
VZ00HWF	4.35E-04	6.83E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.48E-02	2.57E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.33E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.40E-03	9.54E-01	0.00E+00	1.05E-10	3.52E-09	5.62E-04	1.71E-06	1.27E-03	0.00E+00	9.54E-01	2.69E-09	9.54E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
VZ00UP	4.35E-04	6.83E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.48E-02	2.57E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.33E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.40E-03	9.54E-01	0.00E+00	1.05E-10	3.52E-09	5.62E-04	1.71E-06	1.27E-03	0.00E+00	9.54E-01	2.69E-09	9.54E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
VZ011	1.56E-04	2.46E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.61E-02	9.24E-09	7.31E-05	8.01E-04	0.00E+00	0.00E+00	4.33E-13	8.36E-12	6.00E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	8.64E-04	3.43E-01	0.00E+00	3.77E-11	1.27E-09	2.02E-04	6.16E-07	4.59E-04	0.00E+00	3.43E-01	9.69E-10	3.43E-01	3.44E-01	4.59E-04	0.00E+00	0.00E+00	0.00E+00	9.35E-05
VZ012VB	1.63E-04	2.55E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	1.67E-02	9.58E-09	7.58E-05	8.31E-04	0.00E+00	0.00E+00	4.49E-13	8.68E-12	6.22E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	8.97E-04	3.56E-01	0.00E+00	3.92E-11	1.32E-09	2.09E-04	6.39E-07	4.75E-04	0.00E+00	3.56E-01	1.01E-09	3.56E-01	3.56E-01	4.75E-04	0.00E+00	0.00E+00	0.00E+00	9.70E-05
VZ016VB	5.35E-04	8.38E-02	0.00E+00	8.38E-02	0.00E+00	0.00E+00	5.49E-02	3.15E-08	2.49E-04	2.73E-03	0.00E+00	0.00E+00	1.47E-12	2.85E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.42E-06	2.94E-03	1.17E+00	0.00E+00	1.29E-10	4.32E-09	6.89E-04	2.10E-06	1.56E-03	0.00E+00	1.17E+00	3.30E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.19E-04
VZ017VB	2.28E-04	3.56E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.33E-02	1.33E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.25E-13	1.21E-11	8.68E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	1.25E-03	4.99E-01	0.00E+00	5.50E-11	1.83E-09	2.93E-04	8.90E-07	6.66E-04	0.00E+00	4.99E-01	1.40E-09	4.99E-01	4.96E-01	6.66E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
VZ01EK	1.06E-04	1.67E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.09E-02	6.26E-09	4.96E-05	5.44E-04	0.00E+00	0.00E+00	2.93E-13	5.68E-12	4.07E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.86E-04	2.33E-01	0.00E+00	2.56E-11	8.60E-10	1.37E-04	4.18E-07	3.11E-04	0.00E+00	2.33E-01	6.57E-10	2.33E-01	2.33E-01	3.11E-04	0.00E+00	0.00E+00	0.00E+00	6.34E-05
VZ02NCH	1.37E-03	2.17E-01	0.00E+00	2.17E-01	0.00E+00	0.00E+00	1.42E-01	8.15E-08	6.45E-04	7.08E-03	0.00E+00	0.00E+00	3.82E-12	7.39E-11	5.30E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-05	7.63E-03	3.03E+00	0.00E+00	3.33E-10	1.12E-08	1.78E-03	5.43E-06	4.05E-03	0.00E+00	3.03E+00	8.55E-09	3.03E+00	3.04E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	8.25E-04
VZ02NWH	1.24E-03	1.96E-01	0.00E+00	1.96E-01	0.00E+00	0.00E+00	1.28E-01	7.35E-08	5.82E-04	6.38E-03	0.00E+00	0.00E+00	3.45E-12	6.66E-11	4.77E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	6.88E-03	2.73E+00	0.00E+00	3.00E-10	1.01E-08	1.61E-03	4.90E-06	3.65E-03	0.00E+00	2.73E+00	7.72E-09	2.73E+00	2.74E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	7.44E-04
VZ041VB	1.29E-03	2.04E-01	0.00E+00	2.04E-01	0.00E+00	0.00E+00	1.34E-01	7.65E-08	6.06E-04	6.64E-03	0.00E+00	0.00E+00	3.59E-12	6.94E-11	4.97E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-05	7.16E-03	2.85E+00	0.00E+00	3.13E-10	1.05E-08	1.68E-03	5.10E-06	3.80E-03	0.00E+00	2.85E+00	8.03E-09	2.85E+00	2.85E+00	3.80E-03	0.00E+00	0.00E+00	0.00E+00	7.75E-04
VZ093	1.29E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.33E-02	7.63E-09	6.00E-05	6.61E-04	0.00E+00	0.00E+00	3.58E-13	6.89E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.09E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.07E-07	3.78E-04	0.00E+00	2.83E-01	7.98E-10	2.83E-01	2.85E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-05
VZ094	2.28E-04	3.56E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.33E-02	1.33E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.25E-13	1.21E-11	8.68E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	1.25E-03	4.99E-01	0.00E+00	5.50E-11	1.83E-09	2.93E-04	8.90E-07	6.66E-04	0.00E+00	4.99E-01	1.40E-09	4.99E-01	4.96E-01	6.66E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
VZ095	3.55E-04	5.57E-02	0.00E+00	5.57E-02	0.00E+00	0.00E+00	3.65E-02	2.09E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.80E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-06	1.96E-03	7.78E-01	0.00E+00	8.55E-11	2.87E-09	4.58E-04	1.39E-06	1.04E-03	0.00E+00	7.78E-01	2.20E-09	7.78E-01	7.79E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
VZ096	3.55E-04	5.57E-02	0.00E+00	5.57E-02	0.00E+00	0.00E+00	3.65E-02	2.09E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.80E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-06	1.96E-03	7.78E-01	0.00E+00	8.55E-11	2.87E-09	4.58E-04	1.39E-06	1.04E-03	0.00E+00	7.78E-01	2.20E-09	7.78E-01	7.79E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
VZ097	6.59E-04	1.04E-01	0.00E+00	1.04E-01	0.00E+00	0.00E+00	6.84E-02	3.91E-08	3.10E-04	3.40E-03	0.00E+00	0.00E+00	1.83E-12	3.56E-11	2.55E-04	0.00E+00	0.00E+00	0.00E+00	9.25E-06	3.66E-03	1.46E+00	0.00E+00	1.60E-10	5.37E-09	8.56E-04	2.60E-06	1.95E-03	0.00E+00	1.46E+00	4.11E-09	1.46E+00	1.45E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	3.96E-04
VZ098	5.79E-04	9.01E-02	0.00E+00	9.01E-02	0.00E+00	0.00E+00	5.91E-02	3.39E-08	2.68E-04	2.94E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-06	3.17E-03	1.26E+00	0.00E+00	1.38E-10	4.65E-09	7.41E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.55E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
VZ099	1.04E-03	1.54E-01	0.00E+00	1.54E-01	0.00E+00	0.00E+00	1.01E-01	5.78E-08	4.57E-04	5.02E-03	0.00E+00	0.00E+00	2.71E-12	5.24E-11	3.75E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-05	5.40E-03	2.15E+00	0.00E+00	2.36E-10	7.93E-09	1.26E-03	3.85E-06	2.87E-03	0.00E+00	2.15E+00	6.06E-09	2.15E+00	2.15E+00	2.87E-03	0.00E+00	0.00E+00	0.00E+00	5.85E-04
VZ100	8.42E-04	1.32E-01	0.00E+00	1.32E-01	0.00E+00	0.00E+00	8.69E-02	4.98E-08	3.94E-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	4.66E-03	1.85E+00	0.00E+00	2.03E-10	6.84E-09	1.09E-03	3.32E-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	5.04E-04
VZ101E	1.52E-03	2.37E-01	0.00E+00	2.37E-01	0.00E+00	0.00E+00	1.55E-01	8.90E-08	7.05E-04	7.73E-03	0.00E+00	0.00E+00	4.17E-12	8.07E-11	5.78E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05	8.32E-03	3.31E+00	0.00E+00	3.64E-10	1.22E-08	1.95E-03	5.93E-06	4.41E-03	0.00E+00	3.31E+00	9.34E-09	3.31E+00	3.31E+00	4.41E-03	0.00E+00	0.00E+00	0.00E+00	9.01E-04
VZ101N	1.52E-03	2.38E-01	0.00E+00	2.38E-01	0.00E+00	0.00E+00	1.56E-01	8.93E-08	7.07E-04	7.76E-03	0.00E+00	0.00E+00	4.18E-12	8.10E-11	5.80E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05	8.35E-03	3.32E+00	0.00E+00	3.65E-10	1.23E-08	1.96E-03	5.95E-06	4.43E-03	0.00E+00	3.32E+00	9.37E-09	3.32E+00	3.33E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	9.04E-04
VZ101WN	1.58E-03	2.49E-01	0.00E+00	2.49E-01	0.00E+00	0.00E+00	1.63E-01	9.35E-08	7.41E-04	8.12E-03	0.00E+00	0.00E+00	4.38E-12	8.49E-11	6.07E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	8.75E-03	3.48E+00	0.00E+00	3.83E-10	1.28E-08	2.05E-03	6.24E-06	4.64E-03	0.00E+00	3.48E+00	9.83E-09	3.48E+00	3.49E+00	4.64E-03	0.00E+00	0.00E+00	0.00E+00	9.48E-04
VZ102N	2.08E-03	3.28E-01	0.00E+00	3.28E-01	0.00E+00	0.00E+00	2.15E-01	1.23E-07	9.75E-04	1.07E-02	0.00E+00	0.00E+00	5.77E-12	1.12E-10	8.00E-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	2.70E-03	8.21E-06	6.11E-03	0.00E+00	4.58E+00	1.29E-08	4.58E+00	4.59E+00	6.11E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-03
VZ102V	2.11E-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	5.80E-12	1.12E-10	8.04E-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	8.25E-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
VZ102WN	2.16E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.14E-01	1.22E-07	9.69E-04	1.06E-02	0.00E+00	0.00E+00	5.73E-12	1.11E-10	7.95E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-05	1.15E-02	4.56E+00	0.00E+00	5.01E-10	1.68E-08	2.68E-03	8.16E-06	6.08E-03	0.00E+00	4.56E+00	1.29E-08	4.56E+00	4.56E+00	6.08E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VZ103N	2.45E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.77E-12	1.31E-10	9.38E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	1.35E-02	5.37E+00	0.00E+00	5.91E-10	1.98E-08	3.16E-03	9.63E-06	7.17E-03	0.00E+00	5.37E+00	1.52E-08	5.37E+00	5.38E+00	7.17E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03

VZ103V	2.45E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.77E-12	1.31E-10	9.38E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	1.35E-02	5.37E+00	0.00E+00	5.91E-10	1.98E-08	3.16E-03	9.63E-06	7.17E-03	0.00E+00	5.37E+00	1.52E-08	5.37E+00	5.38E+00	7.17E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
VZ103W	2.22E-03	3.50E-01	0.00E+00	3.50E-01	0.00E+00	0.00E+00	2.30E-01	1.31E-07	1.04E-03	1.14E-02	0.00E+00	0.00E+00	6.15E-12	1.19E-10	8.53E-04	0.00E+00	0.00E+00	0.00E+00	3.10E-05	1.23E-02	4.89E+00	0.00E+00	5.37E-10	1.80E-08	2.88E-03	8.76E-06	6.52E-03	0.00E+00	4.89E+00	1.38E-08	4.89E+00	4.89E+00	6.52E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-03
VZ103WN	2.54E-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	5.60E+00	0.00E+00	6.16E-10	2.07E-08	3.30E-03	1.00E-05	7.48E-03	0.00E+00	5.60E+00	1.58E-08	5.60E+00	5.61E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-03
VZ103WV	2.57E-03	3.89E-01	0.00E+00	3.89E-01	0.00E+00	0.00E+00	2.55E-01	1.46E-07	1.16E-03	1.27E-02	0.00E+00	0.00E+00	6.84E-12	1.32E-10	9.49E-04	0.00E+00	0.00E+00	0.00E+00	3.44E-05	1.37E-02	5.43E+00	0.00E+00	5.97E-10	2.01E-08	3.20E-03	9.74E-06	7.25E-03	0.00E+00	5.43E+00	1.53E-08	5.43E+00	5.44E+00	7.25E-03	0.00E+00	0.00E+00	0.00E+00	1.48E-03
VZ104V	2.93E-03	4.62E-01	0.00E+00	4.62E-01	0.00E+00	0.00E+00	3.03E-01	1.73E-07	1.37E-03	1.51E-02	0.00E+00	0.00E+00	8.13E-12	1.57E-10	1.13E-03	0.00E+00	0.00E+00	0.00E+00	4.09E-05	1.62E-02	6.46E+00	0.00E+00	7.09E-10	2.38E-08	3.80E-03	1.16E-05	8.61E-03	0.00E+00	6.46E+00	1.82E-08	6.46E+00	6.46E+00	8.61E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-03
VZ104W	2.56E-03	3.88E-01	0.00E+00	3.88E-01	0.00E+00	0.00E+00	2.54E-01	1.46E-07	1.15E-03	1.26E-02	0.00E+00	0.00E+00	6.82E-12	1.32E-10	9.46E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-05	1.36E-02	5.42E+00	0.00E+00	5.95E-10	2.00E-08	3.19E-03	9.71E-06	7.23E-03	0.00E+00	5.42E+00	1.53E-08	5.42E+00	5.42E+00	7.23E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-03
VZ104WN	3.11E-03	4.89E-01	0.00E+00	4.89E-01	0.00E+00	0.00E+00	3.21E-01	1.84E-07	1.45E-03	1.60E-02	0.00E+00	0.00E+00	8.61E-12	1.67E-10	1.19E-03	0.00E+00	0.00E+00	0.00E+00	4.33E-05	1.72E-02	6.83E+00	0.00E+00	7.52E-10	2.53E-08	4.03E-03	1.23E-05	9.14E-03	0.00E+00	6.83E+00	1.93E-08	6.83E+00	6.84E+00	9.14E-03	0.00E+00	0.00E+00	0.00E+00	1.85E-03
VZ104WV	2.93E-03	4.62E-01	0.00E+00	4.62E-01	0.00E+00	0.00E+00	3.03E-01	1.74E-07	1.37E-03	1.51E-02	0.00E+00	0.00E+00	8.14E-12	1.57E-10	1.13E-03	0.00E+00	0.00E+00	0.00E+00	4.09E-05	1.63E-02	6.46E+00	0.00E+00	7.10E-10	2.39E-08	3.80E-03	1.16E-05	8.62E-03	0.00E+00	6.46E+00	1.82E-08	6.46E+00	6.47E+00	8.62E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-03
VZ105N	3.43E-03	5.40E-01	0.00E+00	5.40E-01	0.00E+00	0.00E+00	3.55E-01	2.03E-07	1.61E-03	1.76E-02	0.00E+00	0.00E+00	9.51E-12	1.84E-10	1.32E-03	0.00E+00	0.00E+00	0.00E+00	4.79E-05	1.90E-02	7.55E+00	0.00E+00	8.30E-10	2.79E-08	4.45E-03	1.35E-05	1.01E-02	0.00E+00	7.55E+00	2.13E-08	7.55E+00	7.56E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
VZ105W	2.93E-03	4.58E-01	0.00E+00	4.58E-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	1.15E-05	8.53E-03	0.00E+00	6.39E+00	1.80E-08	6.39E+00	6.40E+00	8.53E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VZ105WN	3.48E-03	5.49E-01	0.00E+00	5.49E-01	0.00E+00	0.00E+00	3.60E-01	2.06E-07	1.63E-03	1.79E-02	0.00E+00	0.00E+00	9.66E-12	1.87E-10	1.34E-03	0.00E+00	0.00E+00	0.00E+00	4.86E-05	1.93E-02	7.66E+00	0.00E+00	8.42E-10	2.83E-08	4.51E-03	1.38E-05	1.03E-02	0.00E+00	7.66E+00	2.16E-08	7.66E+00	7.67E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
VZ105WV	3.77E-03	5.70E-01	0.00E+00	5.70E-01	0.00E+00	0.00E+00	3.75E-01	2.14E-07	1.70E-03	1.86E-02	0.00E+00	0.00E+00	1.00E-11	1.95E-10	1.39E-03	0.00E+00	0.00E+00	0.00E+00	5.06E-05	2.00E-02	7.95E+00	0.00E+00	8.73E-10	2.95E-08	4.69E-03	1.43E-05	1.06E-02	0.00E+00	7.95E+00	2.24E-08	7.95E+00	7.95E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	2.17E-03
VZ111N	3.01E-04	4.72E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	3.10E-02	1.77E-08	1.40E-04	1.54E-03	0.00E+00	0.00E+00	8.31E-13	1.61E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.18E-06	1.66E-03	6.59E-01	0.00E+00	7.24E-11	2.44E-09	3.88E-04	1.18E-06	8.80E-04	0.00E+00	6.59E-01	1.86E-09	6.59E-01	6.59E-01	8.80E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-04
VZ112N	3.43E-04	5.39E-02	0.00E+00	5.39E-02	0.00E+00	0.00E+00	3.53E-02	2.02E-08	1.60E-04	1.76E-03	0.00E+00	0.00E+00	9.48E-13	1.83E-11	1.31E-04	0.00E+00	0.00E+00	0.00E+00	4.77E-06	1.89E-03	7.51E-01	0.00E+00	8.26E-11	2.78E-09	4.42E-04	1.35E-06	1.00E-03	0.00E+00	7.51E-01	2.12E-09	7.51E-01	7.52E-01	1.00E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
VZ113N	3.76E-04	5.81E-02	0.00E+00	5.81E-02	0.00E+00	0.00E+00	3.81E-02	2.18E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-12	1.97E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.04E-03	8.10E-01	0.00E+00	8.90E-11	3.00E-09	4.77E-04	1.45E-06	1.08E-03	0.00E+00	8.10E-01	2.29E-09	8.10E-01	8.11E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
VZ114N	4.35E-04	6.83E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.48E-02	2.57E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.33E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.40E-03	9.54E-01	0.00E+00	1.05E-10	3.52E-09	5.62E-04	1.71E-06	1.27E-03	0.00E+00	9.54E-01	2.69E-09	9.54E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
VZ115N	5.14E-04	7.74E-02	0.00E+00	7.74E-02	0.00E+00	0.00E+00	5.07E-02	2.90E-08	2.30E-04	2.52E-03	0.00E+00	0.00E+00	1.36E-12	2.63E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.85E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	4.00E-09	6.37E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
VZ121N	8.23E-04	1.30E-01	0.00E+00	1.30E-01	0.00E+00	0.00E+00	8.54E-02	4.88E-08	3.86E-04	4.24E-03	0.00E+00	0.00E+00	2.29E-12	4.43E-11	3.17E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-05	4.57E-03	1.82E+00	0.00E+00	2.00E-10	6.70E-09	1.07E-03	3.26E-06	2.42E-03	0.00E+00	1.82E+00	5.12E-09	1.82E+00	1.82E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	4.94E-04
VZ122N	1.18E-03	1.87E-01	0.00E+00	1.87E-01	0.00E+00	0.00E+00	1.23E-01	7.02E-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	6.57E-03	2.61E+00	0.00E+00	2.87E-10	9.64E-09	1.54E-03	4.68E-06	3.49E-03	0.00E+00	2.61E+00	7.37E-09	2.61E+00	2.62E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	7.11E-04
VZ122W	8.89E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.18E-02	5.25E-08	4.15E-04	4.56E-03	0.00E+00	0.00E+00	2.46E-12	4.76E-11	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.92E-03	1.95E+00	0.00E+00	2.15E-10	7.21E-09	1.15E-03	3.50E-06	2.61E-03	0.00E+00	1.95E+00	5.51E-09	1.95E+00	1.96E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	5.32E-04
VZ123N	1.42E-03	2.24E-01	0.00E+00	2.24E-01	0.00E+00	0.00E+00	1.47E-01	8.44E-08	6.66E-04	7.31E-03	0.00E+00	0.00E+00	3.95E-12	7.64E-11	5.48E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	7.89E-03	3.13E+00	0.00E+00	3.44E-10	1.16E-08	1.84E-03	5.63E-06	4.18E-03	0.00E+00	3.13E+00	8.84E-09	3.13E+00	3.14E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	8.52E-04
VZ123W	1.20E-03	1.89E-01	0.00E+00	1.89E-01	0.00E+00	0.00E+00	1.24E-01	7.11E-08	5.63E-04	6.17E-03	0.00E+00	0.00E+00	3.33E-12	6.45E-11	4.62E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	6.65E-03	2.64E+00	0.00E+00	2.91E-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	7.20E-04
VZ124N	1.75E-03	2.74E-01	0.00E+00	2.74E-01	0.00E+00	0.00E+00	1.80E-01	1.03E-07	8.16E-04	8.95E-03	0.00E+00	0.00E+00	4.83E-12	9.34E-11	6.69E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	9.64E-03	3.84E+00	0.00E+00	4.21E-10	1.41E-08	2.26E-03	6.87E-06	5.11E-03	0.00E+00	3.84E+00	1.08E-08	3.84E+00	3.84E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VZ125N	1.52E-03	2.38E-01	0.00E+00	2.38E-01	0.00E+00	0.00E+00	1.56E-01	8.94E-08	7.08E-04	7.77E-03	0.00E+00	0.00E+00	4.19E-12	8.11E-11	5.80E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-05	8.36E-03	3.32E+00	0.00E+00	3.65E-10	1.23E-08	1.96E-03	5.96E-06	4.43E-03	0.00E+00	3.32E+00	9.38E-09	3.32E+00	3.33E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	9.06E-04
VZ126N	1.87E-03	2.86E-01	0.00E+00	2.86E-01	0.00E+00	0.00E+00	1.88E-01	1.07E-07	8.50E-04	9.33E-03	0.00E+00	0.00E+00	5.03E-12	9.74E-11	6.98E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	1.01E-02	4.00E+00	0.00E+00	4.39E-10	1.48E-08	2.35E-03	7.16E-06	5.33E-03	0.00E+00	4.00E+00	1.13E-08	4.00E+00	4.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03
VZ127N	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	8.58E-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	8.81E-06	6.56E-03	0.00E+00	4.91E+00	1.39E-08	4.91E+00	4.92E+00	6.56E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-03
VZ12AU	2.08E-03	3.27E-01	0.00E+00	3.27E-01	0.00E+00	0.00E+00	2.15E-01	1.23E-07	9.73E-04	1.07E-02	0.00E+00	0.00E+00	5.77E-12	1.11E-10	7.99E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	1.15E-02	4.57E+00	0.00E+00	5.03E-10	1.69E-08	2.69E-03	8.20E-06	6.11E-03	0.00E+00	4.57E+00	1.29E-08	4.57E+00	4.58E+00	6.11E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-03
VZ12CAV	6.01E-04	9.24E-02	0.00E+00	9.24E-02	0.00E+00	0.00E+00	6.06E-02	3.47E-08	2.74E-04	3.01E-03	0.00E+00	0.00E+00	1.63E-12	3.14E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-06	3.25E-03	1.29E+00	0.00E+00	1.42E-10	4.77E-09	7.61E-04	2.32E-06	1.72E-03	0.00E+00	1.29E+00	3.64E-09	1.29E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.52E-04
VZ12CHU	1.86E-03	2.94E-01	0.00E+00	2.94E-01	0.00E+00	0.00E+00	1.93E-01	1.11E-07	8.74E-04	9.60E-03	0.00E+00	0.00E+00	5.18E-12	1.00E-10	7.18E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	1.03E-02	4.11E+00	0.00E+00	4.52E-10	1.52E-08	2.42E-03	7.36E-06	5.49E-03	0.00E+00	4.11E+00	1.16E-08	4.11E+00	4.12E+00	5.49E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-03
VZ12NAV	7.37E-04	1.11E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	7.29E-02	4.18E-08	3.30E-04	3.62E-03	0.00E+00	0.00E+00	1.96E-12	3.78E-11	2.71E-04	0.00E+00	0.00E+00	0.00E+00	9.84E-06	3.91E-03	1.55E+00	0.00E+00	1.71E-10	5.74E-09	9.14E-04	2.79E-06	2.07E-03	0.00E+00	1.55E+00	4.38E-09	1.55E+00	1.56E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	4.22E-04
VZ131N	6.86E-04	1.07E-01	0.00E+00	1.07E-01	0.00E+00	0.00E+00	7.02E-02	4.02E-08	3.18E-04	3.49E-03	0.00E+00	0.00E+00	1.88E-12	3.64E-11	2.61E-04	0.00E+00	0.00E+00	0.00E+00	9.47E-06	3.76E-03	1.49E+00	0.00E+00	1.64E-10	5.53E-09	8.81E-04	2.68E-06	1.99E-03	0.00E+00	1.49E+00	4.22E-09	1.49E+00	1.50E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	4.07E-04
VZ132N	9.87E-04	1.51E-01	0.00E+00	1.51E-01	0.00E+00	0.00E+00	9.89E-02	5.66E-08	4.49E-04	4.92E-03	0.00E+00	0.00E+00	2.66E-12	5.14E-11	3.68E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-05	5.30E-03	2.11E+00	0.00E+00	2.32E-10	7.79E-09	1.24E-03	3.78E-06	2.81E-03	0.00E+00	2.11E+00	5.95E-09	2.11E+00	2.11E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	5.74E-04
VZ133N	1.15E-03	1.79E-01	0.00E+00	1.79E-01	0.00E+00	0.00E+00	1.18E-01	6.73E-08	5.33E-04	5.84E-03	0.00E+00	0.00E+00	3.16E-12	6.11E-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	9.25E-09	1.47E-03	4.49E-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	6.82E-04
VZ134N	1.29E-03	2.04E-01	0.00E+00	2.04E-01	0.00E+00	0.00E+00	1.34E-01	7.65E-08	6.06E-04	6.64E-03	0.00E+00	0.00E+00	3.58E-12	6.94E-11	4.97E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-05	7.16E-03	2.85E+00	0.00E+00	3.13E-10	1.05E-08	1.67E-03	5.10E-06	3.80E-03	0.00E+00	2.85E+00	8.03E-09	2.85E+00	2.85E+00	3.80E-03	0.00E+00	0.00E+00	0.00E+00	7.75E-04
VZ135	2.88E-05	4.44E-03	0.00E+00	4.44E-03	0.00E+00	0.00E+00	2.85E-03	1.61E-09	1.31E-05	1.43E-04	0.00E+00	0.00E+00	7.52E-14	1.45E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-07	1.53E-04	6.12E-02	0.00E+00	6.73E-12	2.22E-10	3.57E-05	1.09E-07	8.22E-05	0.00E+00	6.12E-02	1.69E-10	6.12E-02	5.97E-02	8.22E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05
VZ135N	1.52E-03	2.38E-01	0.00E+00	2.38E-01	0.00E+00	0.00E+00	1.56E-01	8.95E-08	7.08E-04	7.77E-03	0.00E+00	0.00E+00	4.19E-12	8.11E-11	5.81E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-05	8.37E-03	3.32E+00	0.00E+00	3.66E-10	1.23E-08	1.96E-03	5.96E-06	4.44E-03	0.00E+00	3.32E+00	9.39E-09	3.32E+00	3.33E+00	4.44E-03	0.00E+00	0.00E+00	0.00E+00	9.06E-04
VZ136	1.58E-03	2.50E-01	0.00E+00	2.50E-01	0.00E+00	0.00E+00	1.64E-01	9.38E-08	7.42E-04	8.15E-03	0.00E+00	0.00E+00	4.39E-12	8.49E-11	6.09E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	8.77E-03	3.49E+00	0.00E+00	3.83E-10	1.29E-08	2.05E-03	6.25E-06	4.65E-03	0.00E+00	3.49E+00	9.84E-09	3.49E+00	3.49E+00	4.65E-03	0.00E+00	0.00E+00	0.00E+00	9.49E-04
VZ141N	8.29E-04	1.31E-01	0.00E+00	1.31E-01	0.00E+00	0.00E+00	8.60E-02	4.92E-08	3.89E-04	4.27E-03	0.00E+00	0.00E+00	2.30E-12	4.46E-11	3.19E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-05	4.60E-03	1.83E+00	0.00E+00	2.01E-10	6.74E-09	1.08E-03	3.28E-06	2.44E-03	0.00E+00	1.83E+00	5.16E-09	1.83E+00	1.83E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	4.98E-04
VZ142N	1.07E-03	1.67E-01	0.00E+00	1.67E-01	0.00E+00	0.00E+00	1.10E-01	6.29E-08	4.97E-04	5.45E-03	0.00E+00	0.00E+00	2.95E-12	5.70E-11	4.08E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-05	5.88E-03	2.34E+00	0.00E+00	2.57E-10	8.63E-09	1.38E-03	4.19E-06	3.12E-03	0.00E+00	2.34E+00	6.59E-09	2.34E+00	2.34E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00	6.36E-04
VZ143N	2.88E-05	4.44E-03	0.00E+00	4.44E-03	0.00E+00	0.00E+00	2.85E-03	1.61E-09	1.31E-05	1.43E-04	0.00E+00	0.00E+00	7.52E-14	1.45E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-07	1.53E-04	6.12E-02	0.00E+00	6.73E-12	2.22E-10	3.57E-05	1.09E-07	8.22E-05	0.00E+00	6.12E-02	1.69E-10	6.12E-02	5.97E-02	8.22E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05
VZ144N	1.39E-03	2.20E-01	0.00E+00	2.20E-01	0.00E+00	0.00E+00	1.44E-01	8.26E-08	6.54E-04	7.18E-03	0.00E+00	0.00E+00	3.87E-12	7.49E-11	5.37E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	7.73E-03	3.07E+00	0.00E+00	3.38E-10	1.13E-08	1.81E-03	5.51E-06	4.10E-03	0.00E+00	3.07E+00	8.68E-09	3.07E+00	3.08E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	8.37E-04
VZ201	7.35E-04	1.13E-01	0.00E+00	1.13E-01	0.00E+00	0.00E+00	7.44E-02	4.27E-08	3.37E-04	3.70E-03	0.00E+00	0.00E+00	2.00E-12	3.86E-11	2.77E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	3.99E-03	1.58E+00	0.00E+00	1.74E-10	5.86E-09	9.32E-04	2.84E-06	2.11E-03	0.00E+00	1.58E+00	4.47E-09	1.58E+00	1.59E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	4.31E-04
VZ203	1.16E-03	1.82E-01	0.00E+00	1.82E-01	0.00E+00	0.00E+00	1.20E-01	6.85E-08	5.42E-04	5.94E-03	0.00E+00	0.00E+00	3.21E-12	6.21E-11	4.45E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-05	6.41E-03	2.55E+00	0.00E+00	2.80E-10	9.40E-09	1.50E-03	4.56E-06	3.40E-03	0.00E+00	2.55E+00	7.18E-09	2.55E+00	2.55E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	6.93E-04
VZ204	1.53E-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	4.27E-03	0.00E+00	3.20E+00	9.04E-09	3.20E+00	3.21E+00	4.27E-03	0.00E+00	0.00E+00	0.00E+00	8.73E-04
VZ221H	3.37E-04	5.30E-02	0.00E+00	5.30E-02	0.00E+00	0.00E+00	3.48E-02	1.99E-08	1.58E-04	1.73E-03	0.00E+00	0.00E+00	9.34E-13	1.80E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-06	1.86E-03	7.40E-01	0.00E+00	8.13E-11	2.74E-09	4.36E-04	1.33E-06	9.89E-04	0.00E+00	7.40E-01	2.09E-09	7.40E-01	7.41E-01	9.89E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-04
VZ221N	2.44E-04	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.48E-02	1.42E-08	1.13E-04	1.23E-03	0.00E+00	0.00E+00	6.64E-13	1.29E-11	9.22E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.33E-03	5.28E-01	0.00E+00	5.81E-11	1.94E-09	3.10E-04	9.44E-07	7.06E-04	0.00E+00	5.28E-01	1.48E-09	5.28E-01	5.25E-01	7.06E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04
VZ221NA	2.44E-04	3.79E-02	0.00E+00	3.79E-02	0.00E+00	0.00E+00	2.49E-02	1.42E-08	1.13E-04	1.24E-03	0.00E+00	0.00E+00	6.66E-13	1.29E-11	9.25E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.34E-03	5.30E-01	0.00E+00	5.84E-11	1.95E-09	3.11E-04	9.48E-07	7.09E-04	0.00E+00	5.30E-01	1.49E-09	5.30E-01	5.28E-01	7.09E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04
VZ222H	3.55E-04	5.57E-02	0.00E+00	5.57E-02	0.00E+00	0.00E+00	3.65E-02	2.09E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.80E-13	1.89E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-06	1.96E-03	7.77E-01	0.00E+00	8.54E-11	2.87E-09	4.58E-04	1.39E-06	1.04E-03	0.00E+00	7.77E-01	2.19E-09	7.77E-01	7.78E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
VZ222N	3.86E-04	5.82E-02	0.00E+00	5.82E-02	0.00E+00	0.00E+00	3.82E-02	2.19E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.05E-03	8.12E-01	0.00E+00	8.92E-11	3.00E-09	4.78E-04	1.46E-06	1.09E-03	0.00E+00	8.12E-01	2.29E-09	8.12E-01	8.13E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
VZ222NA	3.86E-04	5.82E-02	0.00E+00	5.82E-02	0.00E+00	0.00E+00	3.82E-02	2.19E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.05E-03	8.12E-01	0.00E+00	8.92E-11	3.00E-09	4.78E-04	1.46E-06	1.09E-03	0.00E+00	8.12E-01	2.29E-09	8.12E-01	8.13E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
VZ223H	5.20E-04	7.97E-02	0.00E+00	7.97E-02	0.00E+00	0.00E+00	5.23E-02	2.99E-08	2.37E-04	2.60E-03	0.00E+00	0.00E+00	1.40E-12	2.71E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-06	2.80E-03	1.11E+00	0.00E+00	1.22E-10	4.12E-09	6.56E-04	2.00E-06	1.49E-03	0.00E+00	1.11E+00	3.14E-09	1.11E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
VZ224N	6.01E-04	9.24E-02	0.00E+00	9.24E-02	0.00E+00	0.00E+00	6.06E-02	3.47E-08	2.74E-04	3.01E-03	0.00E+00	0.00E+00	1.63E-12	3.14E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-06	3.25E-03	1.29E+00	0.00E+00	1.42E-10	4.77E-09	7.61E-04	2.32E-06	1.72E-03	0.00E+00	1.29E+00	3.64E-09	1.29E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.52E-04
VZ224NA	6.23E-04	9.75E-02	0.00E+00	9.75E-02	0.00E+00	0.00E+00	6.39E-02	3.66E-08	2.90E-04	3.18E-03	0.00E+00	0.00E+00	1.72E-12	3.32E-11	2.38E-04	0.00E+00	0.00E+00	0.00E+00	8.63E-06	3.43E-03	1.36E+00	0.00E+00	1.50E-10	5.03E-09	8.02E-04	2.44E-06	1.82E-03	0.00E+00	1.36E+00	3.84E-09	1.36E+00	1.36E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	3.71E-04
VZ225A	6.92E-04	1.08E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	7.11E-02	4.08E-08	3.22E-04	3.54E-03	0.00E+00	0.00E+00	1.91E-12	3.69E-11	2.64E-04	0.00E+00	0.00E+00	0.00E+00	9.59E-06	3.81E-03	1.51E+00	0.00E+00	1.66E-10	5.60E-09	8.92E-04	2.72E-06	2.02E-03	0.00E+00	1.51E+00	4.27E-09	1.51E+00	1.52E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	4.12E-04
VZ225NA	6.90E-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	1.91E-12	3.69E-11	2.64E-04	0.00E+00	0.00E+00	0.00E+00	9.58E-06	3.81E-03	1.51E+00	0.00E+00	1.66E-10	5.59E-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
VZ24AP2	2.33E-03	3.67E-01	0.00E+00	3.67E-01	0.00E+00	0.00E+00	2.41E-01	1.38E-07	1.09E-03	1.20E-02	0.00E+00	0.00E+00	6.46E-12	1.25E-10	8.96E-04	0.00E+00	0.00E+00	0.00E+00	3.25E-05	1.29E-02	5.13E+00	0.00E+00	5.64E-10	1.89E-08	3.02E-03	9.19E-06	6.85E-03	0.00E+00	5.13E+00	1.45E-08	5.13E+00	5.14E+00	6.85E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-03
VZ24AU	2.89E-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	8.53E-03	0.00E+00	6.39E+00	1.80E-08	6.39E+00	6.40E+00	8.53E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VZ24CHU	2.86E-03	4.51E-01	0.00E+00	4.51E-01	0.00E+00	0.00E+00	2.96E-01	1.69E-07	1.34E-03	1.47E-02	0.00E+00	0.00E+00	7.93E-12	1.53E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	3.99E-05	1.58E-02	6.30E+00	0.00E+00	6.92E-10	2.33E-08	3.71E-03	1.13E-05	8.41E-03	0.00E+00	6.30E+00	1.78E-08	6.30E+00	6.31E+00	8.41E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-03
VZ24NAV	1.12E-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	2.37E+00	0.00E+00	2.61E-10	8.77E-09	1.40E-03	4.26E-06	3.17E-03	0.00E+00	2.37E+00	6.70E-09	2.37E+00	2.38E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	6.46E-04
VZ24NRK	2.45E-03	3.85E-01	0.00E+00	3.85E-01	0.00E+00	0.00E+00	2.52E-01	1.44E-07	1.14E-03	1.25E-02	0.00E+00	0.00E+00	6.77E-12	1.31E-10	9.38E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	1.35E-02	5.37E+00	0.00E+00	5.91E-10	1.98E-08	3.16E-03	9.63E-06	7.17E-03	0.00E+00	5.37E+00	1.52E-08	5.37E+00	5.38E+00	7.17E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-03
VZ24NUH	2.66E-03	4.20E-01	0.00E+00	4.20E-01	0.00E+00	0.00E+00	2.76E-01	1.58E-07	1.25E-03	1.37E-02	0.00E+00	0.00E+00	7.39E-12	1.43E-10	1.02E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-05	1.48E-02	5.87E+00	0.00E+00	6.45E-10	2.17E-08	3.45E-03	1.05E-05	7.83E-03	0.00E+00	5.87E+00	1.66E-08	5.87E+00	5.88E+00	7.83E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-03
VZ309	2.69E-05	4.18E-03	0.00E+00	4.18E-03	0.00E+00	0.00E+00	2.74E-03	1.57E-09	1.24E-05	1.36E-04	0.00E+00	0.00E+00	7.36E-14	1.42E-12	1.02E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-07	1.47E-04	5.84E-02	0.00E+00	6.42E-12	2.16E-10	3.44E-05	1.05E-07	7.80E-05	0.00E+00	5.84E-02	1.65E-10	5.84E-02	5.85E-02	7.80E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-05
VZ311	2.98E-05	4.62E-03	0.00E+00	4.62E-03	0.00E+00	0.00E+00	3.03E-03	1.73E-09	1.37E-05	1.51E-04	0.00E+00	0.00E+00	8.12E-14	1.57E-12	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.09E-07	1.62E-04	6.45E-02	0.00E+00	7.09E-12	2.38E-10	3.80E-05	1.16E-07	8.60E-05	0.00E+00	6.45E-02	1.82E-10	6.45E-02	6.46E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-05
VZ313	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
VZ331N	1.52E-03	2.37E-01	0.00E+00	2.37E-01	0.00E+00	0.00E+00	1.55E-01	8.90E-08	7.03E-04	7.71E-03	0.00E+00	0.00E+00	4.16E-12	8.06E-11	5.77E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	8.32E-03	3.30E+00	0.00E+00	3.63E-10	1.22E-08	1.95E-03	5.93E-06	4.41E-03	0.00E+00	3.30E+00	9.33E-09	3.30E+00	3.31E+00	4.41E-03	0.00E+00	0.00E+00	0.00E+00	9.00E-04
VZ332N	2.16E-03	3.26E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.14E-01	1.22E-07	9.69E-04	1.06E-02	0.00E+00	0.00E+00	5.73E-12	1.11E-10	7.95E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-05	1.15E-02	4.56E+00	0.00E+00	5.01E-10	1.68E-08	2.68E-03	8.16E-06	6.08E-03	0.00E+00	4.56E+00	1.29E-08	4.56E+00	4.56E+00	6.08E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VZ333N	2.57E-03	3.89E-01	0.00E+00	3.89E-01	0.00E+00	0.00E+00	2.55E-01	1.46E-07	1.16E-03	1.27E-02	0.00E+00	0.00E+00	6.84E-12	1.32E-10	9.48E-04	0.00E+00	0.00E+00	0.00E+00	3.44E-05	1.37E-02	5.43E+00	0.00E+00	5.97E-10	2.01E-08	3.20E-03	9.73E-06	7.25E-03	0.00E+00	5.43E+00	1.53E-08	5.43E+00	5.44E+00	7.25E-03	0.00E+00	0.00E+00	0.00E+00	1.48E-03
VZ334N	2.90E-03	4.53E-01	0.00E+00	4.53E-01	0.00E+00	0.00E+00	2.97E-01	1.70E-07	1.35E-03	1.48E-02	0.00E+00	0.00E+00	7.97E-12	1.54E-10	1.10E-03	0.00E+00	0.00E+00	0.00E+00	4.01E-05	1.59E-02	6.32E+00	0.00E+00	6.95E-10	2.33E-08	3.73E-03	1.13E-05	8.44E-03	0.00E+00	6.32E+00	1.79E-08	6.32E+00	6.33E+00	8.44E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-03
VZ335N	3.46E-03	5.47E-01	0.00E+00	5.47E-01	0.00E+00	0.00E+00	3.59E-01	2.05E-07	1.62E-03	1.78E-02	0.00E+00	0.00E+00	9.61E-12	1.86E-10	1.33E-03	0.00E+00	0.00E+00	0.00E+00	4.84E-05	1.92E-02	7.63E+00	0.00E+00	8.38E-10	2.81E-08	4.49E-03	1.37E-05	1.02E-02	0.00E+00	7.63E+00	2.15E-08	7.63E+00	7.64E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
VZ36AP2	2.98E-03	4.60E-01	0.00E+00	4.60E-01	0.00E+00	0.00E+00	3.02E-01	1.73E-07	1.37E-03	1.50E-02	0.00E+00	0.00E+00	8.10E-12	1.57E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.07E-05	1.62E-02	6.43E+00	0.00E+00	7.06E-10	2.37E-08	3.78E-03	1.15E-05	8.58E-03	0.00E+00	6.43E+00	1.81E-08	6.43E+00	6.43E+00	8.58E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-03
VZ36AU	3.40E-03	5.36E-01	0.00E+00	5.36E-01	0.00E+00	0.00E+00	3.52E-01	2.01E-07	1.59E-03	1.75E-02	0.00E+00	0.00E+00	9.43E-12	1.83E-10	1.31E-03	0.00E+00	0.00E+00	0.00E+00	4.75E-05	1.88E-02	7.49E+00	0.00E+00	8.22E-10	2.77E-08	4.41E-03	1.34E-05	9.99E-03	0.00E+00	7.49E+00	2.11E-08	7.49E+00	7.50E+00	9.99E-03	0.00E+00	0.00E+00	0.00E+00	2.04E-03
VZ36CAV	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	7.31E-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
VZ36CHU	3.49E-03	5.51E-01	0.00E+00	5.51E-01	0.00E+00	0.00E+00	3.61E-01	2.07E-07	1.64E-03	1.80E-02	0.00E+00	0.00E+00	9.69E-12	1.87E-10	1.34E-03	0.00E+00	0.00E+00	0.00E+00	4.87E-05	1.94E-02	7.69E+00	0.00E+00	8.45E-10	2.84E-08	4.53E-03	1.38E-05	1.03E-02	0.00E+00	7.69E+00	2.17E-08	7.69E+00	7.70E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
VZ36MME	8.14E-04	1.23E-01	0.00E+00	1.23E-01	0.00E+00	0.00E+00	8.08E-02	4.62E-08	3.66E-04	4.02E-03	0.00E+00	0.00E+00	2.17E-12	4.19E-11	3.00E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-05	4.32E-03	1.72E+00	0.00E+00	1.89E-10	6.34E-09	1.01E-03	3.08E-06	2.29E-03	0.00E+00	1.72E+00	4.85E-09	1.72E+00	1.72E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	4.68E-04

VZ36MMK	8.14E-04	1.23E-01	0.00E+00	1.23E-01	0.00E+00	0.00E+00	8.08E-02	4.62E-08	3.66E-04	4.02E-03	0.00E+00	0.00E+00	2.17E-12	4.19E-11	3.00E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-05	4.32E-03	1.72E+00	0.00E+00	1.89E-10	6.34E-09	1.01E-03	3.08E-06	2.29E-03	0.00E+00	1.72E+00	4.85E-09	1.72E+00	1.72E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
VZ36NAV	1.70E-03	2.68E-01	0.00E+00	2.68E-01	0.00E+00	0.00E+00	1.76E-01	1.01E-07	7.96E-04	8.74E-03	0.00E+00	0.00E+00	4.71E-12	9.12E-11	6.53E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	9.42E-03	3.74E+00	0.00E+00	4.11E-10	1.38E-08	2.20E-03	6.71E-06	4.99E-03	0.00E+00	3.74E+00	1.06E-08	3.74E+00	3.75E+00	4.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
VZ36NRK	3.26E-03	5.14E-01	0.00E+00	5.14E-01	0.00E+00	0.00E+00	3.37E-01	1.93E-07	1.53E-03	1.68E-02	0.00E+00	0.00E+00	9.04E-12	1.75E-10	1.25E-03	0.00E+00	0.00E+00	0.00E+00	4.55E-05	1.81E-02	7.18E+00	0.00E+00	7.89E-10	2.65E-08	4.23E-03	1.29E-05	9.58E-03	0.00E+00	7.18E+00	2.03E-08	7.18E+00	7.19E+00	9.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
VZ36NUH	2.90E-03	4.58E-01	0.00E+00	4.58E-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	8.06E-12	1.56E-10	1.12E-03	0.00E+00	0.00E+00	0.00E+00	4.06E-05	1.61E-02	6.40E+00	0.00E+00	7.03E-10	2.36E-08	3.77E-03	1.15E-05	8.53E-03	0.00E+00	6.40E+00	1.81E-08	6.40E+00	6.41E+00	8.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
VZ406	9.55E-05	1.50E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	9.82E-03	5.66E-09	4.49E-05	4.91E-04	0.00E+00	0.00E+00	2.64E-13	5.15E-12	3.66E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.32E-04	2.10E-01	0.00E+00	2.33E-11	7.71E-10	1.23E-04	3.76E-07	2.80E-04	0.00E+00	2.10E-01	5.91E-10	2.10E-01	2.10E-01	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05
VZ408	1.57E-04	2.46E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.61E-02	9.24E-09	7.31E-05	8.01E-04	0.00E+00	0.00E+00	4.36E-13	8.39E-12	6.01E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	8.66E-04	3.44E-01	0.00E+00	3.77E-11	1.27E-09	2.02E-04	6.18E-07	4.58E-04	0.00E+00	3.44E-01	9.69E-10	3.44E-01	3.46E-01	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05
VZ411N	1.11E-04	1.74E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.14E-02	6.55E-09	5.18E-05	5.68E-04	0.00E+00	0.00E+00	3.07E-13	5.93E-12	4.25E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.13E-04	2.44E-01	0.00E+00	2.68E-11	8.97E-10	1.43E-04	4.36E-07	3.25E-04	0.00E+00	2.44E-01	6.86E-10	2.44E-01	2.44E-01	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05
VZ418	2.88E-05	4.44E-03	0.00E+00	4.44E-03	0.00E+00	0.00E+00	2.85E-03	1.61E-09	1.31E-05	1.43E-04	0.00E+00	0.00E+00	7.52E-14	1.45E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-07	1.53E-04	6.12E-02	0.00E+00	6.73E-12	2.22E-10	3.57E-05	1.09E-07	8.22E-05	0.00E+00	6.12E-02	1.69E-10	6.12E-02	5.97E-02	8.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05
VZ451N	7.37E-04	1.11E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	7.29E-02	4.18E-08	3.30E-04	3.62E-03	0.00E+00	0.00E+00	1.96E-12	3.78E-11	2.71E-04	0.00E+00	0.00E+00	0.00E+00	9.84E-06	3.91E-03	1.55E+00	0.00E+00	1.71E-10	5.74E-09	9.14E-04	2.79E-06	2.07E-03	0.00E+00	1.55E+00	4.38E-09	1.55E+00	1.56E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
VZ452N	1.24E-03	1.95E-01	0.00E+00	1.95E-01	0.00E+00	0.00E+00	1.28E-01	7.33E-08	5.80E-04	6.36E-03	0.00E+00	0.00E+00	3.43E-12	6.64E-11	4.76E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	6.86E-03	2.72E+00	0.00E+00	2.99E-10	1.01E-08	1.60E-03	4.88E-06	3.64E-03	0.00E+00	2.72E+00	7.69E-09	2.72E+00	2.73E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
VZ453N	1.72E-03	2.71E-01	0.00E+00	2.71E-01	0.00E+00	0.00E+00	1.78E-01	1.02E-07	8.05E-04	8.83E-03	0.00E+00	0.00E+00	4.77E-12	9.22E-11	6.61E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-05	9.52E-03	3.78E+00	0.00E+00	4.16E-10	1.40E-08	2.23E-03	6.78E-06	5.05E-03	0.00E+00	3.78E+00	1.07E-08	3.78E+00	3.79E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
VZ454N	2.23E-03	3.38E-01	0.00E+00	3.38E-01	0.00E+00	0.00E+00	2.22E-01	1.27E-07	1.00E-03	1.10E-02	0.00E+00	0.00E+00	5.95E-12	1.15E-10	8.24E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-05	1.19E-02	4.72E+00	0.00E+00	5.19E-10	1.74E-08	2.78E-03	8.46E-06	6.30E-03	0.00E+00	4.72E+00	1.33E-08	4.72E+00	4.73E+00	6.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
VZ455M	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	5.60E+00	0.00E+00	6.16E-10	2.07E-08	3.30E-03	1.00E-05	7.48E-03	0.00E+00	5.60E+00	1.58E-08	5.60E+00	5.61E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
VZ461	2.07E-04	3.27E-02	0.00E+00	3.27E-02	0.00E+00	0.00E+00	2.14E-02	1.23E-08	9.70E-05	1.06E-03	0.00E+00	0.00E+00	5.73E-13	1.11E-11	7.94E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.55E-01	0.00E+00	5.01E-11	1.68E-09	2.68E-04	8.17E-07	6.07E-04	0.00E+00	4.55E-01	1.28E-09	4.55E-01	4.55E-01	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
VZ462	2.42E-04	3.75E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	2.46E-02	1.40E-08	1.12E-04	1.22E-03	0.00E+00	0.00E+00	6.58E-13	1.28E-11	9.14E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	1.32E-03	5.24E-01	0.00E+00	5.77E-11	1.93E-09	3.07E-04	9.37E-07	7.00E-04	0.00E+00	5.24E-01	1.47E-09	5.24E-01	5.21E-01	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
VZ463	3.01E-04	4.72E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	3.10E-02	1.77E-08	1.40E-04	1.54E-03	0.00E+00	0.00E+00	8.31E-13	1.61E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.18E-06	1.66E-03	6.59E-01	0.00E+00	7.24E-11	2.44E-09	3.88E-04	1.18E-06	8.80E-04	0.00E+00	6.59E-01	1.86E-09	6.59E-01	6.59E-01	8.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
VZ473	8.96E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.20E-02	5.28E-08	4.17E-04	4.58E-03	0.00E+00	0.00E+00	2.47E-12	4.78E-11	3.43E-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	7.25E-09	1.15E-03	3.52E-06	2.62E-03	0.00E+00	1.96E+00	5.54E-09	1.96E+00	1.96E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04
VZ48AU	4.43E-03	6.98E-01	0.00E+00	6.98E-01	0.00E+00	0.00E+00	4.59E-01	2.63E-07	2.08E-03	2.28E-02	0.00E+00	0.00E+00	1.23E-11	2.38E-10	1.70E-03	0.00E+00	0.00E+00	0.00E+00	6.18E-05	2.46E-02	9.76E+00	0.00E+00	1.07E-09	3.60E-08	5.75E-03	1.75E-05	1.30E-02	0.00E+00	9.76E+00	2.75E-08	9.76E+00	9.76E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
VZ48CAV	1.75E-03	2.76E-01	0.00E+00	2.76E-01	0.00E+00	0.00E+00	1.81E-01	1.04E-07	8.19E-04	8.99E-03	0.00E+00	0.00E+00	4.85E-12	9.38E-11	6.72E-04	0.00E+00	0.00E+00	0.00E+00	2.44E-05	9.69E-03	3.85E+00	0.00E+00	4.23E-10	1.42E-08	2.27E-03	6.90E-06	5.14E-03	0.00E+00	3.85E+00	1.09E-08	3.85E+00	3.86E+00	5.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
VZ48CHU	4.09E-03	6.45E-01	0.00E+00	6.45E-01	0.00E+00	0.00E+00	4.23E-01	2.42E-07	1.92E-03	2.10E-02	0.00E+00	0.00E+00	1.14E-11	2.20E-10	1.57E-03	0.00E+00	0.00E+00	0.00E+00	5.71E-05	2.27E-02	9.01E+00	0.00E+00	9.90E-10	3.33E-08	5.31E-03	1.61E-05	1.20E-02	0.00E+00	9.01E+00	2.54E-08	9.01E+00	9.02E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
VZ48MME	8.93E-04	1.41E-01	0.00E+00	1.41E-01	0.00E+00	0.00E+00	9.23E-02	5.28E-08	4.18E-04	4.58E-03	0.00E+00	0.00E+00	2.47E-12	4.78E-11	3.43E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.94E-03	1.96E+00	0.00E+00	2.16E-10	7.24E-09	1.16E-03	3.51E-06	2.62E-03	0.00E+00	1.96E+00	5.54E-09	1.96E+00	1.97E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04
VZ48MMK	8.89E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.18E-02	5.25E-08	4.15E-04	4.56E-03	0.00E+00	0.00E+00	2.46E-12	4.76E-11	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-05	4.92E-03	1.95E+00	0.00E+00	2.15E-10	7.21E-09	1.15E-03	3.50E-06	2.61E-03	0.00E+00	1.95E+00	5.51E-09	1.95E+00	1.96E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04
VZ48NAV	1.78E-03	2.76E-01	0.00E+00	2.76E-01	0.00E+00	0.00E+00	1.81E-01	1.04E-07	8.20E-04	8.99E-03	0.00E+00	0.00E+00	4.85E-12	9.39E-11	6.73E-04	0.00E+00	0.00E+00	0.00E+00	2.44E-05	9.69E-03	3.85E+00	0.00E+00	4.23E-10	1.42E-08	2.27E-03	6.90E-06	5.14E-03	0.00E+00	3.85E+00	1.09E-08	3.85E+00	3.86E+00	5.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
VZ48NRK	4.47E-03	6.97E-01	0.00E+00	6.97E-01	0.00E+00	0.00E+00	4.57E-01	2.62E-07	2.07E-03	2.27E-02	0.00E+00	0.00E+00	1.23E-11	2.37E-10	1.70E-03	0.00E+00	0.00E+00	0.00E+00	6.16E-05	2.45E-02	9.73E+00	0.00E+00	1.07E-09	3.59E-08	5.73E-03	1.75E-05	1.30E-02	0.00E+00	9.73E+00	2.74E-08	9.73E+00	9.72E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
VZ48NUH	4.44E-03	6.86E-01	0.00E+00	6.86E-01	0.00E+00	0.00E+00	4.49E-01	2.58E-07	2.04E-03	2.24E-02	0.00E+00	0.00E+00	1.21E-11	2.33E-10	1.67E-03	0.00E+00	0.00E+00	0.00E+00	6.05E-05	2.41E-02	9.58E+00	0.00E+00	1.05E-09	3.53E-08	5.63E-03	1.72E-05	1.28E-02	0.00E+00	9.58E+00	2.70E-08	9.58E+00	9.56E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
VZ510N	2.88E-05	4.44E-03	0.00E+00	4.44E-03	0.00E+00	0.00E+00	2.85E-03	1.61E-09	1.31E-05	1.43E-04	0.00E+00	0.00E+00	7.52E-14	1.45E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-07	1.53E-04	6.12E-02	0.00E+00	6.73E-12	2.22E-10	3.57E-05	1.09E-07	8.22E-05	0.00E+00	6.12E-02	1.69E-10	6.12E-02	5.97E-02	8.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05
VZ511N	2.88E-05	4.44E-03	0.00E+00	4.44E-03	0.00E+00	0.00E+00	2.85E-03	1.61E-09	1.31E-05	1.43E-04	0.00E+00	0.00E+00	7.52E-14	1.45E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-07	1.53E-04	6.12E-02	0.00E+00	6.73E-12	2.22E-10	3.57E-05	1.09E-07	8.22E-05	0.00E+00	6.12E-02	1.69E-10	6.12E-02	5.97E-02	8.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05
VZ512N	3.16E-05	4.86E-03	0.00E+00	4.86E-03	0.00E+00	0.00E+00	3.13E-03	1.77E-09	1.44E-05	1.57E-04	0.00E+00	0.00E+00	8.26E-14	1.60E-12	1.17E-05	0.00E+00	0.00E+00	0.00E+00	4.18E-07	1.68E-04	6.72E-02	0.00E+00	7.38E-12	2.44E-10	3.92E-05	1.19E-07	9.02E-05	0.00E+00	6.72E-02	1.86E-10	6.72E-02	6.57E-02	9.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
VZ513N	5.07E-05	7.80E-03	0.00E+00	7.80E-03	0.00E+00	0.00E+00	5.14E-03	2.89E-09	2.34E-05	2.58E-04	0.00E+00	0.00E+00	1.37E-13	2.66E-12	1.89E-05	0.00E+00	0.00E+00	0.00E+00	6.81E-07	2.75E-04	1.10E-01	0.00E+00	1.23E-11	3.98E-10	6.46E-05	1.97E-07	1.47E-04	0.00E+00	1.10E-01	3.04E-10	1.10E-01	1.09E-01	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05
VZ514N	6.12E-05	9.35E-03	0.00E+00	9.35E-03	0.00E+00	0.00E+00	6.24E-03	3.49E-09	2.85E-05	3.15E-04	0.00E+00	0.00E+00	1.68E-13	3.25E-12	2.28E-05	0.00E+00	0.00E+00	0.00E+00	8.23E-07	3.35E-04	1.34E-01	0.00E+00	1.48E-11	4.82E-10	7.85E-05	2.40E-07	1.79E-04	0.00E+00	1.34E-01	3.69E-10	1.34E-01	1.33E-01	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05
VZ515N	7.12E-05	1.11E-02	0.00E+00	1.11E-02	0.00E+00	0.00E+00	7.28E-03	4.15E-09	3.33E-05	3.65E-04	0.00E+00	0.00E+00	1.95E-13	3.80E-12	2.71E-05	0.00E+00	0.00E+00	0.00E+00	9.74E-07	3.91E-04	1.55E-01	0.00E+00	1.73E-11	5.70E-10	9.18E-05	2.79E-07	2.08E-04	0.00E+00	1.55E-01	4.37E-10	1.55E-01	1.55E-01	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05
VZ523	2.44E-04	3.79E-02	0.00E+00	3.79E-02	0.00E+00	0.00E+00	2.49E-02	1.42E-08	1.13E-04	1.24E-03	0.00E+00	0.00E+00	6.66E-13	1.29E-11	9.25E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.34E-03	5.30E-01	0.00E+00	5.84E-11	1.95E-09	3.11E-04	9.48E-07	7.09E-04	0.00E+00	5.30E-01	1.49E-09	5.30E-01	5.28E-01	7.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
VZ551N	9.55E-05	1.50E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	9.82E-03	5.66E-09	4.49E-05	4.91E-04	0.00E+00	0.00E+00	2.64E-13	5.15E-12	3.66E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-06	5.32E-04	2.10E-01	0.00E+00	2.33E-11	7.71E-10	1.23E-04	3.76E-07	2.80E-04	0.00E+00	2.10E-01	5.91E-10	2.10E-01	2.10E-01	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05
VZ552N	2.65E-04	4.15E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	2.72E-02	1.56E-08	1.23E-04	1.35E-03	0.00E+00	0.00E+00	7.30E-13	1.41E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.68E-06	1.46E-03	5.79E-01	0.00E+00	6.36E-11	2.14E-09	3.41E-04	1.04E-06	7.74E-04	0.00E+00	5.79E-01	1.63E-09	5.79E-01	5.79E-01	7.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
VZ553N	4.98E-04	7.50E-02	0.00E+00	7.50E-02	0.00E+00	0.00E+00	4.92E-02	2.82E-08	2.23E-04	2.45E-03	0.00E+00	0.00E+00	1.32E-12	2.55E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-06	2.63E-03	1.05E+00	0.00E+00	1.15E-10	3.87E-09	6.18E-04	1.88E-06	1.40E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.05E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
VZ554N	6.25E-04	9.77E-02	0.00E+00	9.77E-02	0.00E+00	0.00E+00	6.41E-02	3.67E-08	2.91E-04	3.19E-03	0.00E+00	0.00E+00	1.72E-12	3.33E-11	2.38E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-06	3.44E-03	1.37E+00	0.00E+00	1.50E-10	5.04E-09	8.04E-04	2.45E-06	1.82E-03	0.00E+00	1.37E+00	3.85E-09	1.37E+00	1.37E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04
VZ555N	8.14E-04	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	8.35E-02	4.77E-08	3.78E-04	4.15E-03	0.00E+00	0.00E+00	2.24E-12	4.33E-11	3.10E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-05	4.46E-03	1.78E+00	0.00E+00	1.95E-10	6.55E-09	1.05E-03	3.18E-06	2.37E-03	0.00E+00	1.78E+00	5.01E-09	1.78E+00	1.78E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
VZ602	1.56E-04	2.46E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.61E-02	9.19E-09	7.29E-05	8.00E-04	0.00E+00	0.00E+00	4.32E-13	8.38E-12	5.98E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	8.65E-04	3.43E-01	0.00E+00	3.76E-11	1.27E-09	2.02E-04	6.15E-07	4.59E-04	0.00E+00	3.43E-01	9.66E-10	3.43E-01	3.43E-01	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-05
VZ602N	1.56E-04	2.33E-02	0.00E+00	2.33E-02	0.00E+00	0.00E+00	1.53E-02	8.76E-09	6.94E-05	7.61E-04	0.00E+00	0.00E+00	4.11E-13	7.97E-12	5.69E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	8.20E-04	3.27E-01	0.00E+00	3.58E-11	1.20E-09	1.92E-04	5.84E-07	4.35E-04	0.00E+00	3.27E-01	9.20E-10	3.27E-01	3.27E-01	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-05
VZ603N	2.37E-04	3.70E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	2.42E-02	1.38E-08	1.10E-04	1.21E-03	0.00E+00	0.00E+00	6.49E-13	1.26E-11	9.01E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.30E-03	5.18E-01	0.00E+00	5.70E-11	1.90E-09	3.04E-04	9.24E-07	6.91E-04	0.00E+00	5.18E-01	1.45E-09	5.18E-01	5.15E-01	6.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
VZ604N	3.76E-04	5.81E-02	0.00E+00	5.81E-02	0.00E+00	0.00E+00	3.81E-02	2.18E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.04E-03	8.12E-01	0.00E+00	8.92E-11	3.00E-09	4.78E-04	1.45E-06	1.08E-03	0.00E+00	8.12E-01	2.29E-09	8.12E-01	8.13E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
VZ605N	5.14E-04	7.95E-02	0.00E+00	7.95E-02	0.00E+00	0.00E+00	5.21E-02	2.98E-08	2.36E-04	2.59E-03	0.00E+00	0.00E+00	1.40E-12	2.70E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-06	2.79E-03	1.11E+00	0.00E+00	1.22E-10	4.10E-09	6.54E-04	1.99E-06	1.48E-03	0.00E+00	1.11E+00	3.13E-09	1.11E+00	1.11E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
VZ606N	8.15E-04	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	8.30E-02	4.75E-08	3.76E-04	4.13E-03	0.00E+00	0.00E+00	2.23E-12	4.31E-11	3.09E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-05	4.45E-03	1.77E+00	0.00E+00	1.94E-10	6.53E-09	1.04E-03	3.17E-06	2.36E-03	0.00E+00	1.77E+00	4.99E-09	1.77E+00	1.77E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
VZ607N	3.76E-04	5.81E-02	0.00E+00	5.81E-02	0.00E+00	0.00E+00	3.81E-02	2.18E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.04E-03	8.12E-01	0.00E+00	8.92E-11	3.00E-09	4.78E-04	1.45E-06	1.08E-03	0.00E+00	8.12E-01	2.29E-09	8.12E-01	8.13E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
VZ609N	8.95E-04	1.40E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	9.20E-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	0.00E+00	5.33E-04
VZ60AU	5.39E-03	8.51E-01	0.00E+00	8.51E-01	0.00E+00	0.00E+00	5.57E-01	3.20E-07	2.53E-03	2.77E-02	0.00E+00	0.00E+00	1.50E-11	2.89E-10	2.07E-03	0.00E+00	0.00E+00	0.00E+00	7.53E-05	2.99E-02	1.19E+01	0.00E+00	1.31E-09	4.38E-08	7.00E-03	2.13E-05	1.58E-02	0.00E+00	1.19E+01	3.35E-08	1.19E+01	1.19E+01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
VZ60CAV	1.82E-03	2.87E-01	0.00E+00	2.87E-01	0.00E+00	0.00E+00	1.88E-01	1.08E-07	8.52E-04	9.35E-03	0.00E+00	0.00E+00	5.05E-12	9.76E-11	7.00E-04	0.00E+00	0.00E+00	0.00E+00	2.54E-05	1.01E-02	4.01E+00	0.00E+00	4.40E-10	1.48E-08	2.36E-03	7.18E-06	5.35E-03	0.00E+00	4.01E+00	1.13E-08	4.01E+00	4.01E+00	5.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
VZ60CHU	4.82E-03	7.60E-01	0.00E+00	7.60E-01	0.00E+00	0.00E+00	4.98E-01	2.85E-07	2.26E-03	2.48E-02	0.00E+00	0.00E+00	1.34E-11	2.59E-10	1.85E-03	0.00E+00	0.00E+00	0.00E+00	6.73E-05	2.67E-02	1.06E+01	0.00E+00	1.17E-09	3.92E-08	6.25E-03	1.90E-05	1.42E-02	0.00E+00	1.06E+01	3.00E-08	1.06E+01	1.06E+01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
VZ60MME	1.05E-03	1.61E-01	0.00E+00	1.61E-01	0.00E+00	0.00E+00	1.06E-01	6.07E-08	4.80E-04	5.26E-03	0.00E+00	0.00E+00	2.84E-12	5.49E-11	3.94E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-05	5.68E-03	2.26E+00	0.00E+00	2.48E-10	8.33E-09	1.33E-03	4.04E-06	3.01E-03	0.00E+00	2.26E+00	6.36E-09	2.26E+00	2.26E+00	3.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04
VZ60MMK	1.04E-03	1.64E-01	0.00E+00	1.64E-01	0.00E+00	0.00E+00	1.07E-01	6.15E-08	4.86E-04	5.33E-03	0.00E+00	0.00E+00	2.88E-12	5.57E-11	3.99E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-05	5.75E-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	6.45E-09	2.29E+00	2.29E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
VZ60NAV	2.28E-03	3.60E-01	0.00E+00	3.60E-01	0.00E+00	0.00E+00	2.36E-01	1.35E-07	1.07E-03	1.17E-02	0.00E+00	0.00E+00	6.34E-12	1.23E-10	8.78E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-05	1.27E-02	5.03E+00	0.00E+00	5.53E-10	1.86E-08	2.96E-03	9.01E-06	6.71E-03	0.00E+00	5.03E+00	1.42E-08	5.03E+00	5.04E+00	6.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
VZ60NUH	4.89E-03	7.72E-01	0.00E+00	7.72E-01	0.00E+00	0.00E+00	5.07E-01	2.90E-07	2.30E-03	2.52E-02	0.00E+00	0.00E+00	1.36E-11	2.63E-10	1.88E-03	0.00E+00	0.00E+00	0.00E+00	6.84E-05	2.71E-02	1.08E+01	0.00E+00	1.19E-09	3.98E-08	6.35E-03	1.93E-05	1.44E-02	0.00E+00	1.08E+01	3.04E-08	1.08E+01	1.08E+01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03
VZ610N	9.82E-04	1.47E-01	0.00E+00	1.47E-01	0.00E+00	0.00E+00	9.65E-02	5.53E-08	4.38E-04	4.80E-03	0.00E+00	0.00E+00	2.59E-12	5.01E-11	3.59E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-05	5.17E-03	2.06E+00	0.00E+00	2.26E-10	7.59E-09	1.21E-03	3.68E-06	2.75E-03	0.00E+00	2.06E+00	5.80E-09	2.06E+00	2.06E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
VZ621N	1.19E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.24E-02	7.14E-09	5.58E-05	6.14E-04	0.00E+00	0.00E+00	3.34E-13	6.41E-12	4.61E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.60E-04	2.64E-01	0.00E+00	2.89E-11	9.74E-10	1.56E-04	4.74E-07	3.53E-04	0.00E+00	2.64E-01	7.42E-10	2.64E-01	2.67E-01	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-05
VZ624N	4.34E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.48E-02	2.56E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.40E-03	9.53E-01	0.00E+00	1.05E-10	3.52E-09	5.61E-04	1.71E-06	1.27E-03	0.00E+00	9.53E-01	2.69E-09	9.53E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
VZ625N	5.79E-04	9.01E-02	0.00E+00	9.01E-02	0.00E+00	0.00E+00	5.91E-02	3.39E-08	2.68E-04	2.94E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-06	3.17E-03	1.26E+00	0.00E+00	1.38E-10	4.65E-09	7.41E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.55E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
VZ626N	8.43E-04	1.33E-01	0.00E+00	1.33E-01	0.00E+00	0.00E+00	8.69E-02	4.98E-08	3.94E-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	4.66E-03	1.85E+00	0.00E+00	2.03E-10	6.84E-09	1.09E-03	3.32E-06	2.47E-03	0.00E+00	1.85E+00	5.23E-09	1.85E+00	1.85E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
VZ627N	4.34E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.48E-02	2.56E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.40E-03	9.53E-01	0.00E+00	1.05E-10	3.52E-09	5.61E-04	1.71E-06	1.27E-03	0.00E+00	9.53E-01	2.69E-09	9.53E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
VZ628N	6.19E-04	9.78E-02	0.00E+00	9.78E-02	0.00E+00	0.00E+00	6.42E-02	3.66E-08	2.91E-04	3.19E-03	0.00E+00	0.00E+00	1.72E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-06	3.44E-03	1.37E+00	0.00E+00	1.50E-10	5.03E-09	8.03E-04	2.44E-06	1.83E-03	0.00E+00	1.37E+00	3.85E-09	1.37E+00	1.36E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
VZ629N	9.87E-04	1.48E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	9.70E-02	5.55E-08	4.40E-04	4.82E-03	0.00E+00	0.00E+00	2.60E-12	5.04E-11	3.61E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-05	5.19E-03	2.07E+00	0.00E+00	2.27E-10	7.63E-09	1.22E-03	3.70E-06	2.76E-03	0.00E+00	2.07E+00	5.83E-09	2.07E+00	2.07E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
VZ630N	1.13E-03	1.71E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	1.12E-01	6.43E-08	5.09E-04	5.58E-03	0.00E+00	0.00E+00	3.01E-12	5.83E-11	4.18E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-05	6.02E-03	2.39E+00	0.00E+00	2.63E-10	8.83E-09	1.41E-03	4.29E-06	3.19E-03	0.00E+00	2.39E+00	6.75E-09	2.39E+00	2.39E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04
VZ631N	5.22E-04	7.94E-02	0.00E+00	7.94E-02	0.00E+00	0.00E+00	5.21E-02	2.98E-08	2.36E-04	2.59E-03	0.00E+00	0.00E+00	1.40E-12	2.70E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-06	2.79E-03	1.11E+00	0.00E+00	1.22E-10	4.10E-09	6.53E-04	1.99E-06	1.48E-03	0.00E+00	1.11E+00	3.13E-09	1.11E+00	1.11E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
VZ643N	3.82E-04	5.92E-02	0.00E+00	5.92E-02	0.00E+00	0.00E+00	3.88E-02	2.22E-08	1.76E-04	1.93E-03	0.00E+00	0.00E+00	1.04E-12	2.01E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.24E-06	2.08E-03	8.26E-01	0.00E+00	9.08E-11	3.05E-09	4.87E-04	1.48E-06	1.10E-03	0.00E+00	8.26E-01	2.33E-09	8.26E-01	8.27E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
VZ644N	5.57E-04	8.72E-02	0.00E+00	8.72E-02	0.00E+00	0.00E+00	5.72E-02	3.27E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.97E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-06	3.06E-03	1.22E+00	0.00E+00	1.34E-10	4.50E-09	7.17E-04	2.18E-06	1.63E-03	0.00E+00	1.22E+00	3.44E-09	1.22E+00	1.22E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
VZ647N	5.35E-04	8.38E-02	0.00E+00	8.38E-02	0.00E+00	0.00E+00	5.49E-02	3.15E-08	2.49E-04	2.73E-03	0.00E+00	0.00E+00	1.47E-12	2.85E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.42E-06	2.94E-03	1.17E+00	0.00E+00	1.29E-10	4.32E-09	6.89E-04	2.10E-06	1.56E-03	0.00E+00	1.17E+00	3.30E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
VZ648N	6.94E-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	1.91E-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	0.00E+00	4.12E-04
VZ650N	1.14E-03	1.77E-01	0.00E+00	1.77E-01	0.00E+00	0.00E+00	1.16E-01	6.66E-08	5.27E-04	5.79E-03	0.00E+00	0.00E+00	3.12E-12	6.04E-11	4.33E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	6.23E-03	2.48E+00	0.00E+00	2.72E-10	9.14E-09	1.46E-03	4.44E-06	3.31E-03	0.00E+00	2.48E+00	7.00E-09	2.48E+00	2.48E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04
VZ651N	6.19E-04	9.78E-02	0.00E+00	9.78E-02	0.00E+00	0.00E+00	6.42E-02	3.66E-08	2.91E-04	3.19E-03	0.00E+00	0.00E+00	1.72E-12	3.34E-11	2.39E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-06	3.44E-03	1.37E+00	0.00E+00	1.50E-10	5.03E-09	8.03E-04	2.44E-06	1.83E-03	0.00E+00	1.37E+00	3.85E-09	1.37E+00	1.36E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
VZ665N	8.30E-04	1.31E-01	0.00E+00	1.31E-01	0.00E+00	0.00E+00	8.56E-02	4.91E-08	3.88E-04	4.25E-03	0.00E+00	0.00E+00	2.30E-12	4.45E-11	3.18E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-05	4.59E-03	1.82E+00	0.00E+00	2.00E-10	6.74E-09	1.07E-03	3.27E-06	2.43E-03	0.00E+00	1.82E+00	5.15E-09	1.82E+00	1.83E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
VZ683N	1.57E-04	2.37E-02	0.00E+00	2.37E-02	0.00E+00	0.00E+00	1.56E-02	8.92E-09	7.06E-05	7.74E-04	0.00E+00	0.00E+00	4.19E-13	8.10E-12	5.79E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	8.35E-04	3.32E-01	0.00E+00	3.64E-11	1.23E-09	1.95E-04	5.95E-07	4.43E-04	0.00E+00	3.32E-01	9.36E-10	3.32E-01	3.33E-01	4.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-05
VZ685N	5.15E-04	7.68E-02	0.00E+00	7.68E-02	0.00E+00	0.00E+00	5.04E-02	2.89E-08	2.28E-04	2.51E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-06	2.70E-03	1.07E+00	0.00E+00	1.18E-10	3.96E-09	6.32E-04	1.92E-06	1.43E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.08E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
VZ690N	9.85E-04	1.48E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	9.68E-02	5.54E-08	4.39E-04	4.81E-03	0.00E+00	0.00E+00	2.60E-12	5.03E-11	3.60E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-05	5.18E-03	2.06E+00	0.00E+00	2.27E-10	7.61E-09	1.21E-03	3.69E-06	2.75E-03	0.00E+00	2.06E+00	5.82E-09	2.06E+00	2.07E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04
VZ691N	2.28E-04	3.56E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.33E-02	1.33E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.25E-13	1.21E-11	8.68E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	1.25E-03	4.99E-01	0.00E+00	5.50E-11	1.83E-09	2.93E-04	8.90E-07	6.66E-04	0.00E+00	4.99E-01	1.40E-09	4.99E-01	4.96E-01	6.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
VZ696N	6.70E-05	9.91E-03	0.00E+00	9.91E-03	0.00E+00	0.00E+00	6.50E-03	3.72E-09	2.95E-05	3.23E-04	0.00E+00	0.00E+00	1.74E-13	3.37E-12	2.42E-05	0.00E+00	0.00E+00	0.00E+00	8.77E-07	3.48E-04	1.38E-01	0.00E+00	1.52E-11	5.11E-10	8.15E-05	2.48E-07	1.85E-04	0.00E+00	1.38E-01	3.91E-10	1.38E-01	1.39E-01	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05

	VZ704N	5.79E-05	9.12E-03	0.00E+00	9.12E-03	0.00E+00	0.00E+00	5.98E-03	3.44E-09	2.71E-05	2.97E-04	0.00E+00	0.00E+00	1.61E-13	3.10E-12	2.23E-05	0.00E+00	0.00E+00	0.00E+00	8.11E-07	3.21E-04	1.27E-01	0.00E+00	1.40E-11	4.72E-10	7.50E-05	2.29E-07	1.70E-04	0.00E+00	1.27E-01	3.61E-10	1.27E-01	1.28E-01	1.70E-04	0.00E+00	0.00E+00	0.00E+00	3.47E-05
	VZ710	1.16E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.22E-02	7.00E-09	5.48E-05	6.01E-04	0.00E+00	0.00E+00	3.27E-13	6.28E-12	4.51E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.46E-04	2.58E-01	0.00E+00	2.83E-11	9.54E-10	1.52E-04	4.65E-07	3.46E-04	0.00E+00	2.58E-01	7.27E-10	2.58E-01	2.61E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-05
	VZ717	1.05E-04	1.65E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.09E-02	6.22E-09	4.93E-05	5.43E-04	0.00E+00	0.00E+00	2.92E-13	5.66E-12	4.03E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-06	5.84E-04	2.32E-01	0.00E+00	2.55E-11	8.52E-10	1.36E-04	4.16E-07	3.09E-04	0.00E+00	2.32E-01	6.51E-10	2.32E-01	2.32E-01	3.09E-04	0.00E+00	0.00E+00	0.00E+00	6.34E-05
	VZ722	5.08E-05	8.00E-03	0.00E+00	8.00E-03	0.00E+00	0.00E+00	5.25E-03	3.01E-09	2.38E-05	2.61E-04	0.00E+00	0.00E+00	1.41E-13	2.72E-12	1.95E-05	0.00E+00	0.00E+00	0.00E+00	7.08E-07	2.81E-04	1.12E-01	0.00E+00	1.23E-11	4.13E-10	6.58E-05	2.00E-07	1.49E-04	0.00E+00	1.12E-01	3.15E-10	1.12E-01	1.12E-01	1.49E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-05
	VZ723	6.62E-05	1.04E-02	0.00E+00	1.04E-02	0.00E+00	0.00E+00	6.85E-03	3.94E-09	3.10E-05	3.40E-04	0.00E+00	0.00E+00	1.84E-13	3.55E-12	2.56E-05	0.00E+00	0.00E+00	0.00E+00	9.28E-07	3.67E-04	1.46E-01	0.00E+00	1.60E-11	5.41E-10	8.59E-05	2.62E-07	1.95E-04	0.00E+00	1.46E-01	4.13E-10	1.46E-01	1.47E-01	1.95E-04	0.00E+00	0.00E+00	0.00E+00	3.97E-05
	VZ724	1.05E-04	1.67E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.10E-02	6.37E-09	4.96E-05	5.44E-04	0.00E+00	0.00E+00	2.97E-13	5.68E-12	4.10E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-06	5.86E-04	2.34E-01	0.00E+00	2.56E-11	8.67E-10	1.38E-04	4.22E-07	3.14E-04	0.00E+00	2.34E-01	6.60E-10	2.34E-01	2.37E-01	3.14E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-05
	VZ728	1.26E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.48E-09	5.88E-05	6.48E-04	0.00E+00	0.00E+00	3.51E-13	6.75E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.95E-04	2.78E-01	0.00E+00	3.05E-11	1.03E-09	1.63E-04	4.97E-07	3.71E-04	0.00E+00	2.78E-01	7.81E-10	2.78E-01	2.79E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.53E-05
	VZ730	1.56E-04	2.44E-02	0.00E+00	2.44E-02	0.00E+00	0.00E+00	1.60E-02	9.18E-09	7.26E-05	7.97E-04	0.00E+00	0.00E+00	4.31E-13	8.34E-12	5.96E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.59E-04	3.42E-01	0.00E+00	3.75E-11	1.26E-09	2.01E-04	6.12E-07	4.55E-04	0.00E+00	3.42E-01	9.63E-10	3.42E-01	3.42E-01	4.55E-04	0.00E+00	0.00E+00	0.00E+00	9.29E-05
	VZ744	2.98E-05	4.62E-03	0.00E+00	4.62E-03	0.00E+00	0.00E+00	3.03E-03	1.73E-09	1.37E-05	1.51E-04	0.00E+00	0.00E+00	8.12E-14	1.57E-12	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.09E-07	1.62E-04	6.45E-02	0.00E+00	7.09E-12	2.38E-10	3.80E-05	1.16E-07	8.60E-05	0.00E+00	6.45E-02	1.82E-10	6.45E-02	6.46E-02	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-05
	VZ758	8.66E-05	1.38E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	9.03E-03	5.22E-09	4.10E-05	4.48E-04	0.00E+00	0.00E+00	2.43E-13	4.69E-12	3.37E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-06	4.86E-04	1.93E-01	0.00E+00	2.10E-11	7.11E-10	1.13E-04	3.44E-07	2.58E-04	0.00E+00	1.93E-01	5.44E-10	1.93E-01	1.94E-01	2.58E-04	0.00E+00	0.00E+00	0.00E+00	5.21E-05
	VZ761	2.28E-04	3.56E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.33E-02	1.33E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.24E-13	1.21E-11	8.67E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	1.25E-03	4.97E-01	0.00E+00	5.48E-11	1.83E-09	2.92E-04	8.90E-07	6.64E-04	0.00E+00	4.97E-01	1.40E-09	4.97E-01	4.94E-01	6.64E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
	VZ786N	2.94E-05	4.64E-03	0.00E+00	4.64E-03	0.00E+00	0.00E+00	3.04E-03	1.74E-09	1.38E-05	1.51E-04	0.00E+00	0.00E+00	8.16E-14	1.58E-12	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.11E-07	1.63E-04	6.48E-02	0.00E+00	7.12E-12	2.39E-10	3.82E-05	1.16E-07	8.65E-05	0.00E+00	6.48E-02	1.83E-10	6.48E-02	6.49E-02	8.65E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-05
	VZ790N	3.32E-05	5.20E-03	0.00E+00	5.20E-03	0.00E+00	0.00E+00	3.41E-03	1.95E-09	1.55E-05	1.70E-04	0.00E+00	0.00E+00	9.16E-14	1.77E-12	1.27E-05	0.00E+00	0.00E+00	0.00E+00	4.61E-07	1.83E-04	7.27E-02	0.00E+00	7.99E-12	2.68E-10	4.28E-05	1.30E-07	9.70E-05	0.00E+00	7.27E-02	2.05E-10	7.27E-02	7.28E-02	9.70E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-05
	VZ793N	1.61E-04	2.53E-02	0.00E+00	2.53E-02	0.00E+00	0.00E+00	1.66E-02	9.47E-09	7.48E-05	8.23E-04	0.00E+00	0.00E+00	4.43E-13	8.62E-12	6.15E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	8.86E-04	3.53E-01	0.00E+00	3.88E-11	1.30E-09	2.08E-04	6.30E-07	4.72E-04	0.00E+00	3.53E-01	9.93E-10	3.53E-01	3.52E-01	4.72E-04	0.00E+00	0.00E+00	0.00E+00	9.58E-05
	VZ797N	1.29E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.33E-02	7.63E-09	6.00E-05	6.61E-04	0.00E+00	0.00E+00	3.58E-13	6.89E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.09E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.07E-07	3.78E-04	0.00E+00	2.83E-01	7.98E-10	2.83E-01	2.85E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-05
	VZ816	2.88E-05	4.44E-03	0.00E+00	4.44E-03	0.00E+00	0.00E+00	2.85E-03	1.61E-09	1.31E-05	1.43E-04	0.00E+00	0.00E+00	7.52E-14	1.45E-12	1.07E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-07	1.53E-04	6.12E-02	0.00E+00	6.73E-12	2.22E-10	3.57E-05	1.09E-07	8.22E-05	0.00E+00	6.12E-02	1.69E-10	6.12E-02	5.97E-02	8.22E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05
	VZ842N	8.13E-05	1.20E-02	0.00E+00	1.20E-02	0.00E+00	0.00E+00	7.89E-03	4.52E-09	3.58E-05	3.92E-04	0.00E+00	0.00E+00	2.12E-13	4.10E-12	2.93E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-06	4.23E-04	1.68E-01	0.00E+00	1.85E-11	6.20E-10	9.90E-05	3.01E-07	2.24E-04	0.00E+00	1.68E-01	4.74E-10	1.68E-01	1.68E-01	2.24E-04	0.00E+00	0.00E+00	0.00E+00	4.57E-05
	VZ851N	1.16E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.22E-02	7.00E-09	5.48E-05	6.01E-04	0.00E+00	0.00E+00	3.27E-13	6.28E-12	4.51E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.46E-04	2.58E-01	0.00E+00	2.83E-11	9.54E-10	1.52E-04	4.65E-07	3.46E-04	0.00E+00	2.58E-01	7.27E-10	2.58E-01	2.61E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-05
	VZ852N	1.55E-04	2.44E-02	0.00E+00	2.44E-02	0.00E+00	0.00E+00	1.60E-02	9.16E-09	7.25E-05	7.97E-04	0.00E+00	0.00E+00	4.27E-13	8.32E-12	5.95E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.59E-04	3.41E-01	0.00E+00	3.75E-11	1.26E-09	2.01E-04	6.10E-07	4.57E-04	0.00E+00	3.41E-01	9.61E-10	3.41E-01	3.40E-01	4.57E-04	0.00E+00	0.00E+00	0.00E+00	9.29E-05
	VZ855N	5.77E-04	8.97E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	5.88E-02	3.37E-08	2.67E-04	2.93E-03	0.00E+00	0.00E+00	1.58E-12	3.06E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-06	3.15E-03	1.25E+00	0.00E+00	1.38E-10	4.63E-09	7.38E-04	2.25E-06	1.67E-03	0.00E+00	1.25E+00	3.54E-09	1.25E+00	1.25E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
	VZ857N	4.34E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.48E-02	2.56E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.40E-03	9.53E-01	0.00E+00	1.05E-10	3.52E-09	5.61E-04	1.71E-06	1.27E-03	0.00E+00	9.53E-01	2.69E-09	9.53E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
	VZ858N	5.77E-04	8.97E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	5.88E-02	3.37E-08	2.67E-04	2.93E-03	0.00E+00	0.00E+00	1.58E-12	3.06E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-06	3.15E-03	1.25E+00	0.00E+00	1.38E-10	4.63E-09	7.38E-04	2.25E-06	1.67E-03	0.00E+00	1.25E+00	3.54E-09	1.25E+00	1.25E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
	VZ860N	6.93E-04	1.08E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	7.09E-02	4.06E-08	3.21E-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	9.57E-06	3.80E-03	1.51E+00	0.00E+00	1.66E-10	5.57E-09	8.89E-04	2.71E-06	2.02E-03	0.00E+00	1.51E+00	4.26E-09	1.51E+00	1.51E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	4.11E-04
	VZ861N	3.96E-04	5.87E-02	0.00E+00	5.87E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-08	1.74E-04	1.91E-03	0.00E+00	0.00E+00	1.03E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.19E-06	2.06E-03	8.20E-01	0.00E+00	9.01E-11	3.03E-09	4.83E-04	1.47E-06	1.09E-03	0.00E+00	8.20E-01	2.31E-09	8.20E-01	8.21E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
	VZ909N	4.78E-05	7.53E-03	0.00E+00	7.53E-03	0.00E+00	0.00E+00	4.94E-03	2.83E-09	2.24E-05	2.46E-04	0.00E+00	0.00E+00	1.32E-13	2.56E-12	1.84E-05	0.00E+00	0.00E+00	0.00E+00	6.67E-07	2.65E-04	1.05E-01	0.00E+00	1.16E-11	3.88E-10	6.19E-05	1.88E-07	1.40E-04	0.00E+00	1.05E-01	2.97E-10	1.05E-01	1.05E-01	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.86E-05
	VZ910N	4.67E-05	7.36E-03	0.00E+00	7.36E-03	0.00E+00	0.00E+00	4.83E-03	2.76E-09	2.19E-05	2.40E-04	0.00E+00	0.00E+00	1.29E-13	2.51E-12	1.79E-05	0.00E+00	0.00E+00	0.00E+00	6.52E-07	2.59E-04	1.03E-01	0.00E+00	1.13E-11	3.80E-10	6.05E-05	1.84E-07	1.37E-04	0.00E+00	1.03E-01	2.90E-10	1.03E-01	1.03E-01	1.37E-04	0.00E+00	0.00E+00	0.00E+00	2.80E-05
	VZ912N	5.60E-05	8.83E-03	0.00E+00	8.83E-03	0.00E+00	0.00E+00	5.79E-03	3.32E-09	2.63E-05	2.88E-04	0.00E+00	0.00E+00	1.55E-13	3.01E-12	2.15E-05	0.00E+00	0.00E+00	0.00E+00	7.82E-07	3.10E-04	1.23E-01	0.00E+00	1.36E-11	4.56E-10	7.27E-05	2.21E-07	1.65E-04	0.00E+00	1.23E-01	3.48E-10	1.23E-01	1.24E-01	1.65E-04	0.00E+00	0.00E+00	0.00E+00	3.36E-05
	VZ914N	6.79E-05	1.07E-02	0.00E+00	1.07E-02	0.00E+00	0.00E+00	7.02E-03	4.02E-09	3.18E-05	3.49E-04	0.00E+00	0.00E+00	1.88E-13	3.64E-12	2.61E-05	0.00E+00	0.00E+00	0.00E+00	9.48E-07	3.76E-04	1.50E-01	0.00E+00	1.64E-11	5.52E-10	8.80E-05	2.68E-07	2.00E-04	0.00E+00	1.50E-01	4.22E-10	1.50E-01	1.50E-01	2.00E-04	0.00E+00	0.00E+00	0.00E+00	4.07E-05
	VZ916N	6.60E-05	1.04E-02	0.00E+00	1.04E-02	0.00E+00	0.00E+00	6.83E-03	3.91E-09	3.10E-05	3.40E-04	0.00E+00	0.00E+00	1.83E-13	3.55E-12	2.54E-05	0.00E+00	0.00E+00	0.00E+00	9.22E-07	3.66E-04	1.45E-01	0.00E+00	1.60E-11	5.37E-10	8.57E-05	2.61E-07	1.94E-04	0.00E+00	1.45E-01	4.11E-10	1.45E-01	1.46E-01	1.94E-04	0.00E+00	0.00E+00	0.00E+00	3.96E-05
	VZ917N	8.05E-05	1.28E-02	0.00E+00	1.28E-02	0.00E+00	0.00E+00	8.28E-03	4.86E-09	3.78E-05	4.13E-04	0.00E+00	0.00E+00	2.23E-13	4.33E-12	3.13E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-06	4.50E-04	1.77E-01	0.00E+00	1.96E-11	6.55E-10	1.04E-04	3.16E-07	2.36E-04	0.00E+00	1.77E-01	5.00E-10	1.77E-01	1.77E-01	2.36E-04	0.00E+00	0.00E+00	0.00E+00	4.80E-05
	VZ918N	9.08E-05	1.43E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	9.39E-03	5.38E-09	4.26E-05	4.67E-04	0.00E+00	0.00E+00	2.52E-13	4.88E-12	3.49E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-06	5.03E-04	2.00E-01	0.00E+00	2.20E-11	7.39E-10	1.18E-04	3.59E-07	2.67E-04	0.00E+00	2.00E-01	5.65E-10	2.00E-01	2.00E-01	2.67E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05
	VZ920N	1.30E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.67E-09	6.07E-05	6.66E-04	0.00E+00	0.00E+00	3.59E-13	6.95E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.18E-04	2.85E-01	0.00E+00	3.14E-11	1.05E-09	1.68E-04	5.11E-07	3.81E-04	0.00E+00	2.85E-01	8.05E-10	2.85E-01	2.86E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.77E-05
	VZ921N	2.38E-04	3.63E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.38E-02	1.36E-08	1.08E-04	1.19E-03	0.00E+00	0.00E+00	6.39E-13	1.24E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	1.28E-03	5.10E-01	0.00E+00	5.61E-11	1.87E-09	2.99E-04	9.08E-07	6.80E-04	0.00E+00	5.10E-01	1.43E-09	5.10E-01	5.07E-01	6.80E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
	VZ922N	2.30E-04	3.63E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.38E-02	1.36E-08	1.08E-04	1.18E-03	0.00E+00	0.00E+00	6.38E-13	1.23E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	1.27E-03	5.07E-01	0.00E+00	5.57E-11	1.87E-09	2.98E-04	9.08E-07	6.76E-04	0.00E+00	5.07E-01	1.43E-09	5.07E-01	5.07E-01	6.76E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
	VZ923N	2.87E-05	4.35E-03	0.00E+00	4.35E-03	0.00E+00	0.00E+00	2.85E-03	1.63E-09	1.29E-05	1.42E-04	0.00E+00	0.00E+00	7.65E-14	1.48E-12	1.06E-05	0.00E+00	0.00E+00	0.00E+00	3.85E-07	1.53E-04	6.07E-02	0.00E+00	6.67E-12	2.24E-10	3.57E-05	1.09E-07	8.10E-05	0.00E+00	6.07E-02	1.71E-10	6.07E-02	6.08E-02	8.10E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-05
	VZ924N	2.44E-04	3.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.76E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.35E-03	5.37E-01	0.00E+00	5.90E-11	1.98E-09	3.16E-04	9.62E-07	7.17E-04	0.00E+00	5.37E-01	1.52E-09	5.37E-01	5.38E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
	VZ926N	2.87E-05	4.24E-03	0.00E+00	4.24E-03	0.00E+00	0.00E+00	2.78E-03	1.59E-09	1.26E-05	1.38E-04	0.00E+00	0.00E+00	7.46E-14	1.44E-12	1.03E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-07	1.49E-04	5.92E-02	0.00E+00	6.51E-12	2.19E-10	3.49E-05	1.06E-07	7.91E-05	0.00E+00	5.92E-02	1.67E-10	5.92E-02	5.93E-02	7.91E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-05
	VZ932N	2.87E-05	4.35E-03	0.00E+00	4.35E-03	0.00E+00	0.00E+00	2.85E-03	1.63E-09	1.29E-05	1.42E-04	0.00E+00	0.00E+00	7.65E-14	1.48E-12	1.06E-05	0.00E+00	0.00E+00	0.00E+00	3.85E-07	1.53E-04	6.07E-02	0.00E+00	6.67E-12	2.24E-10	3.57E-05	1.09E-07	8.10E-05	0.00E+00	6.07E-02	1.71E-10	6.07E-02	6.08E-02	8.10E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-05
	VZ950	8.47E-05	1.32E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	8.58E-03	5.02E-09	3.95E-05	4.33E-04	0.00E+00	0.00E+00	2.31E-13	4.54E-12	3.23E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-06	4.71E-04	1.84E-01	0.00E+00	2.08E-11	6.77E-10	1.08E-04	3.30E-07	2.45E-04	0.00E+00	1.84E-01	5.19E-10	1.84E-01	1.83E-01	2.45E-04	0.00E+00	0.00E+00	0.00E+00	5.04E-05
	VZ951	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	6.08E-04	0.00E+00	0.00E+00	3.28E-13	6.35E-12	4.56E-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	9.62E-10	1.53E-04	4.67E-07	3.48E-04	0.00E+00	2.61E-01	7.35E-10	2.61E-01	2.61E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.09E-05
	FL204B	4.19E-03	6.61E-01	0.00E+00	6.61E-01	0.00E+00	0.00E+00	4.33E-01	2.48E-07	1.96E-03	2.15E-02	0.00E+00	0.00E+00	1.16E-11	2.25E-10	1.61E-03	0.00E+00	0.00E+00	0.00E+00	5.85E-05	2.32E-02	9.23E+00	0.00E+00	1.01E-09	3.41E-08	5.43E-03	1.65E-05	1.23E-02	0.00E+00	9.23E+00	2.60E-08	9.23E+00	9.24E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	2.51E-03
	FL209B	6.25E-03	9.85E-01	0.00E+00	9.85E-01	0.00E+00	0.00E+00	6.46E-01	3.70E-07	2.93E-03	3.21E-02	0.00E+00	0.00E+00	1.73E-11	3.35E-10	2.40E-03	0.00E+00	0.00E+00	0.00E+00	8.72E-05	3.46E-02	1.38E+01	0.00E+00	1.51E-09	5.08E-08	8.10E-03	2.47E-05	1.84E-02	0.00E+00	1.38E+01	3.88E-08	1.38E+01	1.38E+01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	3.75E-03
	FL213B	6.71E-03	1.06E+00	0.00E+00	1.06E+00	0.00E+00	0.00E+00	6.94E-01	3.98E-07	3.15E-03	3.45E-02	0.00E+00	0.00E+00	1.86E-11	3.60E-10	2.58E-03	0.00E+00	0.00E+00	0.00E+00	9.37E-05	3.72E-02	1.48E+01	0.00E+00	1.62E-09	5.46E-08	8.71E-03	2.65E-05	1.97E-02	0.00E+00	1.48E+01	4.17E-08	1.48E+01	1.48E+01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	4.03E-03
	FL216B	8.32E-03	1.31E+00	0.00E+00	1.31E+00	0.00E+00	0.00E+00	8.60E-01	4.93E-07	3.90E-03	4.28E-02	0.00E+00	0.00E+00	2.31E-11	4.46E-10	3.20E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04	4.61E-02	1.83E+01	0.00E+00	2.01E-09	6.76E-08	1.08E-02	3.28E-05	2.44E-02	0.00E+00	1.83E+01	5.17E-08	1.83E+01	1.83E+01	2.44E-02	0.00E+00	0.00E+00	0.00E+00	4.99E-03
	FL221B	1.07E-02	1.69E+00	0.00E+00	1.69E+00	0.00E+00	0.00E+00	1.11E+00	6.34E-07	5.02E-03	5.51E-02	0.00E+00	0.00E+00	2.97E-11	5.75E-10	4.12E-03	0.00E+00	0.00E+00	0.00E+00	1.49E-04	5.93E-02	2.36E+01	0.00E+00	2.59E-09	8.71E-08	1.39E-02	4.23E-05	3.15E-02	0.00E+00	2.36E+01	6.66E-08	2.36E+01	2.36E+01	3.15E-02	0.00E+00	0.00E+00	0.00E+00	6.42E-03
	FL229B	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	1.16E-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	3.14E-04	1.25E-01	4.95E+01	0.00E+00	5.44E-09	1.83E-07	2.91E-02	8.87E-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
	FL263B	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	5.16E-08	1.83E+01	1.83E+01	2.44E-02	0.00E+00	0.00E+00	0.00E+00	4.97E-03
	FL266B	9.10E-03	1.43E+00	0.00E+00	1.43E+00	0.00E+00	0.00E+00	9.41E-01	5.39E-07	4.27E-03	4.68E-02	0.00E+00	0.00E+00	2.52E-11	4.88E-10	3.50E-03	0.00E+00	0.00E+00	0.00E+00	1.27E-04	5.04E-02	2.00E+01	0.00E+00	2.20E-09	7.40E-08	1.18E-02	3.59E-05	2.67E-02	0.00E+00	2.00E+01	5.66E-08	2.00E+01	2.01E+01	2.67E-02	0.00E+00	0.00E+00	0.00E+00	5.46E-03
	FL271B	1.42E-02	2.23E+00	0.00E+00	2.23E+00	0.00E+00	0.00E+00	1.47E+00	8.39E-07	6.64E-03	7.29E-02	0.00E+00	0.00E+00	3.93E-11	7.61E-10	5.45E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-04	7.86E-02	3.12E+01	0.00E+00	3.43E-09	1.15E-07	1.84E-02	5.59E-05	4.17E-02	0.00E+00	3.12E+01	8.81E-08	3.12E+01	3.13E+01	4.17E-02	0.00E+00	0.00E+00	0.00E+00	8.50E-03
	FL279B	2.62E-02	4.14E+00	0.00E+00	4.14E+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	7.28E-11	1.41E-09	1.01E-02	0.00E+00	0.00E+00	0.00E+00	3.66E-04	1.45E-01	5.78E+01	0.00E+00	6.35E-09	2.13E-07	3.40E-02	1.04E-04	7.72E-02	0.00E+00	5.78E+01	1.63E-07	5.78E+01	5.79E+01	7.72E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-02
	FL302BA	1.91E-02	3.01E+00	0.00E+00	3.01E+00	0.00E+00	0.00E+00	1.98E+00	1.13E-06	8.96E-03	9.83E-02	0.00E+00	0.00E+00	5.31E-11	1.03E-09	7.35E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04	1.06E-01	4.21E+01	0.00E+00	4.63E-09	1.55E-07	2.48E-02	7.55E-05	5.62E-02	0.00E+00	4.21E+01	1.19E-07	4.21E+01	4.22E+01	5.62E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-02
	FL306BA	2.04E-02	3.02E+00	0.00E+00	3.02E+00	0.00E+00	0.00E+00	1.98E+00	1.13E-06	8.97E-03	9.84E-02	0.00E+00	0.00E+00	5.31E-11	1.03E-09	7.36E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04	1.06E-01	4.21E+01	0.00E+00	4.63E-09	1.56E-07	2.48E-02	7.55E-05	5.62E-02	0.00E+00	4.21E+01	1.19E-07	4.21E+01	4.22E+01	5.62E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-02
	FL307BA	2.42E-02	3.82E+00	0.00E+00	3.82E+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	6.73E-11	1.30E-09	9.32E-03	0.00E+00	0.00E+00	0.00E+00	3.38E-04	1.34E-01	5.34E+01	0.00E+00	5.87E-09	1.97E-07	3.14E-02	9.57E-05	7.13E-02	0.00E+00	5.34E+01	1.51E-07	5.34E+01	5.35E+01	7.13E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-02
	FL321BA	2.16E-02	3.19E+00	0.00E+00	3.19E+00	0.00E+00	0.00E+00	2.10E+00	1.20E-06	9.50E-03	1.04E-01	0.00E+00	0.00E+00	5.62E-11	1.09E-09	7.79E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04	1.12E-01	4.46E+01	0.00E+00	4.90E-09	1.65E-07	2.63E-02	8.00E-05	5.96E-02	0.00E+00	4.46E+01	1.26E-07	4.46E+01	4.47E+01	5.96E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-02
	FL322BA	2.47E-02	3.90E+00	0.00E+00	3.90E+00	0.00E+00	0.00E+00	2.56E+00	1.46E-06	1.16E-02	1.27E-01	0.00E+00	0.00E+00	6.86E-11	1.33E-09	9.50E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04	1.37E-01	5.44E+01	0.00E+00	5.98E-09	2.01E-07	3.20E-02	9.75E-05	7.26E-02	0.00E+00	5.44E+01	1.54E-07	5.44E+01	5.45E+01	7.26E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-02
	FL342BA	3.13E-02	4.64E+00	0.00E+00	4.64E+00	0.00E+00	0.00E+00	3.04E+00	1.74E-06	1.38E-02	1.51E-01	0.00E+00	0.00E+00	8.16E-11	1.58E-09	1.13E-02	0.00E+00	0.00E+00	0.00E+00	4.11E-04	1.63E-01	6.48E+01	0.00E+00	7.12E-09	2.39E-07	3.81E-02	1.16E-04	8.64E-02	0.00E+00	6.48E+01	1.83E-07	6.48E+01	6.49E+01	8.64E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-02
	FL354BA	4.19E-02	6.21E+00	0.00E+00	6.21E+00	0.00E+00	0.00E+00	4.07E+00	2.33E-06	1.85E-02	2.02E-01	0.00E+00	0.00E+00	1.09E-10	2.11E-09	1.51E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-04	2.18E-01	8.67E+01	0.00E+00	9.53E-09	3.20E-07	5.11E-02	1.55E-04	1.16E-01	0.00E+00	8.67E+01	2.45E-07	8.67E+01	8.68E+01	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.36E-02
	FL356BA	3.93E-02	6.20E+00	0.00E+00	6.20E+00	0.00E+00	0.00E+00	4.07E+00	2.33E-06	1.84E-02	2.02E-01	0.00E+00	0.00E+00	1.09E-10	2.11E-09	1.51E-02	0.00E+00	0.00E+00	0.00E+00	5.49E-04	2.18E-01	8.67E+01	0.00E+00	9.52E-09	3.20E-07	5.10E-02	1.55E-04	1.16E-01	0.00E+00	8.67E+01	2.45E-07	8.67E+01	8.68E+01	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.36E-02
	FL358BA	4.40E-02	6.93E+00	0.00E+00	6.93E+00	0.00E+00	0.00E+00	4.55E+00	2.60E-06	2.06E-02	2.26E-01	0.00E+00	0.00E+00	1.22E-10	2.36E-09	1.69E-02	0.00E+00	0.00E+00	0.00E+00	6.14E-04	2.44E-01	9.68E+01	0.00E+00	1.06E-08	3.57E-07	5.70E-02	1.74E-04	1.29E-01	0.00E+00	9.68E+01	2.73E-07	9.68E+01	9.70E+01	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.64E-02
	FL380B	5.09E-03	8.03E-01	0.00E+00	8.03E-01	0.00E+00	0.00E+00	5.27E-01	3.02E-07	2.39E-03	2.62E-02	0.00E+00	0.00E+00	1.41E-11	2.73E-10	1.96E-03	0.00E+00	0.00E+00	0.00E+00	7.11E-05	2.82E-02	1.12E+01	0.00E+00	1.23E-09	4.14E-08	6.61E-03	2.01E-05	1.50E-02	0.00E+00	1.12E+01	3.17E-08	1.12E+01	1.12E+01	1.50E-02	0.00E+00	0.00E+00	0.00E+00	3.06E-03
	FL381B	7.75E-03	1.22E+00	0.00E+00	1.22E+00	0.00E+00	0.00E+00	8.01E-01	4.59E-07	3.63E-03	3.98E-02	0.00E+00	0.00E+00	2.15E-11	4.16E-10	2.98E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-04	4.29E-02	1.71E+01	0.00E+00	1.88E-09	6.30E-08	1.00E-02	3.06E-05	2.28E-02	0.00E+00	1.71E+01	4.82E-08	1.71E+01	1.71E+01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	4.65E-03
	FL382B	9.28E-03	1.46E+00	0.00E+00	1.46E+00	0.00E+00	0.00E+00	9.60E-01	5.50E-07	4.35E-03	4.77E-02	0.00E+00	0.00E+00	2.58E-11	4.98E-10	3.57E-03	0.00E+00	0.00E+00	0.00E+00	1.30E-04	5.15E-02	2.04E+01	0.00E+00	2.25E-09	7.55E-08	1.20E-02	3.66E-05	2.73E-02	0.00E+00	2.04E+01	5.77E-08	2.04E+01	2.05E+01	2.73E-02	0.00E+00	0.00E+00	0.00E+00	5.57E-03
	FL386B	1.10E-02	1.73E+00	0.00E+00	1.73E+00	0.00E+00	0.00E+00	1.13E+00	6.49E-07	5.14E-03	5.63E-02	0.00E+00	0.00E+00	3.04E-11	5.88E-10	4.21E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-04	6.07E-02	2.41E+01	0.00E+00	2.65E-09	8.91E-08	1.42E-02	4.33E-05	3.22E-02	0.00E+00	2.41E+01	6.81E-08	2.41E+01	2.42E+01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	6.57E-03
	FL387B	1.48E-02	2.34E+00	0.00E+00	2.34E+00	0.00E+00	0.00E+00	1.53E+00	8.77E-07	6.94E-03	7.62E-02	0.00E+00	0.00E+00	4.11E-11	7.95E-10	5.70E-03	0.00E+00	0.00E+00	0.00E+00	2.07E-04	8.21E-02	3.26E+01	0.00E+00	3.59E-09	1.20E-07	1.92E-02	5.85E-05	4.35E-02	0.00E+00	3.26E+01	9.21E-08	3.26E+01	3.27E+01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	8.88E-03
	FL402B	1.32E-02	2.08E+00	0.00E+00	2.08E+00	0.00E+00	0.00E+00	1.36E+00	7.81E-07	6.18E-03	6.78E-02	0.00E+00	0.00E+00	3.66E-11	7.08E-10	5.07E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04	7.31E-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
	FL406B	1.43E-02	2.26E+00	0.00E+00	2.26E+00	0.00E+00	0.00E+00	1.48E+00	8.47E-07	6.71E-03	7.36E-02	0.00E+00	0.00E+00	3.97E-11	7.68E-10	5.50E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04	7.93E-02	3.15E+01	0.00E+00	3.46E-09	1.16E-07	1.86E-02	5.65E-05	4.21E-02	0.00E+00	3.15E+01	8.89E-08	3.15E+01	3.16E+01	4.21E-02	0.00E+00	0.00E+00	0.00E+00	8.58E-03
	FL407B	1.87E-02	2.95E+00	0.00E+00	2.95E+00	0.00E+00	0.00E+00	1.94E+00	1.11E-06	8.78E-03	9.63E-02	0.00E+00	0.00E+00	5.20E-11	1.01E-09	7.20E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04	1.04E-01	4.12E+01	0.00E+00	4.53E-09	1.52E-07	2.43E-02	7.39E-05	5.50E-02	0.00E+00	4.12E+01	1.16E-07	4.12E+01	4.13E+01	5.50E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-02
Installation A5	GD213A	7.88E-04	3.23E-01	6.09E-02	2.62E-01	0.00E+00	0.00E+00	3.78E+00	3.59E-06	3.48E-04	2.16E-03	0.00E+00	6.39E-03	2.89E-08	8.45E-10	3.90E-02	6.99E-04	2.16E-02	0.00E+00	4.55E-04	1.07E-01	2.49E+00	0.00E+00	3.36E-09	4.35E-09	5.06E-04	1.29E-05	3.32E-01	0.00E+00	2.49E+00	6.10E-09	2.49E+00	2.82E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	1.95E-02
	B04000	7.78E-05	3.64E-02	5.31E-03	3.11E-02	0.00E+00	0.00E+00	3.36E-01	3.59E-07	3.17E-05	2.07E-04	0.00E+00	5.75E-04	2.52E-09	7.76E-11	4.74E-03	6.10E-05	3.95E-03	2.29E-03	5.61E-05	1.35E-02	2.45E-01	0.00E+00	3.13E-10	4.36E-10	4.81E-05	1.40E-06	3.34E-02	0.00E+00	2.45E-01	6.49E-10	2.45E-01	2.78E-01	3.34E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
	B04021	1.47E-03	6.46E-01	1.12E-01	5.34E-01	0.00E+00	0.00E+00	7.01E+00	6.90E-06	6.50E-04	4.10E-03	0.00E+00	1.19E-02	5.33E-08	1.58E-09	8.01E-02	1.29E-03	7.42E-02	1.09E-02	9.39E-04	2.23E-01	4.76E+00	0.00E+00	6.32E-09	8.37E-09	9.56E-04	2.55E-05	6.39E-01	0.00E+00	4.76E+00	1.20E-08	4.76E+00	5.39E+00	6.39E-01	0.00E+00	0.00E+00	0.00E+00	4.03E-02
	B04085	7.83E-04	3.71E-01	6.19E-02	3.09E-01	0.00E+00	0.00E+00	3.88E+00	3.89E-06	3.61E-04	2.30E-03	0.00E+00	6.59E-03	2.94E-08	8.79E-10	4.66E-02	7.11E-04	3.26E-02	1.19E-02	5.48E-04	1.31E-01	2.67E+00	0.00E+00	3.52E-09	4.72E-09	5.34E-04	1.46E-05	3.60E-01	0.00E+00	2.67E+00	6.80E-09	2.67E+00	3.03E+00	3.60E-01	0.00E+00	0.00E+00	0.00E+00	2.35E-02
	B04086	6.89E-04	3.06E-01	4.96E-02	2.57E-01	0.00E+00	0.00E+00	3.11E+00	3.17E-06	2.91E-04	1.86E-03	0.00E+00	5.29E-03	2.35E-08	7.08E-10	3.88E-02	5.69E-04	2.84E-02	1.20E-02	4.56E-04	1.09E-01	2.17E+00	0.00E+00	2.84E-09	3.84E-09	4.32E-04	1.20E-05	2.93E-01	0.00E+00	2.17E+00	5.57E-09	2.17E+00	2.46E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	1.96E-02
	B04089	1.46E-03	6.61E-01	1.20E-01	5.41E-01	0.00E+00	0.00E+00	7.48E+00	7.22E-06	6.91E-04	4.32E-03	0.00E+00	1.27E-02	5.71E-08	1.68E-09	8.08E-02	1.38E-03	4.84E-02	6.41E-03	9.45E-04	2.24E-01	4.99E+00	0.00E+00	6.69E-09	8.75E-09	1.01E-03	2.62E-05	6.68E-01	0.00E+00	4.99E+00	1.24E-08	4.99E+00	5.66E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	4.06E-02
	B04090	1.82E-03	8.24E-01	1.49E-01	6.75E-01	0.00E+00	0.00E+00	9.29E+00	8.98E-06	8.58E-04	5.37E-03	0.00E+00	1.57E-02	7.09E-08	2.09E-09	1.01E-01	1.71E-03	6.08E-02	8.79E-03	1.18E-03	2.79E-01	6.20E+00	0.00E+00	8.31E-09	1.09E-08	1.25E-03	3.27E-05	8.30E-01	0.00E+00	6.20E+00	1.54E-08	6.20E+00	7.03E+00	8.30E-01	0.00E+00	0.00E+00	0.00E+00	5.06E-02

B04911	5.40E-05	2.59E-02	4.31E-03	2.16E-02	0.00E+00	0.00E+00	2.70E-01	2.71E-07	2.52E-05	1.60E-04	0.00E+00	4.59E-04	2.05E-09	6.13E-11	3.26E-03	4.95E-05	2.40E-03	1.86E-03	3.83E-05	9.12E-03	1.87E-01	0.00E+00	2.45E-10	3.29E-10	3.73E-05	1.02E-06	2.51E-02	0.00E+00	1.87E-01	4.75E-10	1.87E-01	2.12E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.64E-03
B04912	8.94E-05	4.22E-02	7.17E-03	3.50E-02	0.00E+00	0.00E+00	4.49E-01	4.46E-07	4.17E-05	2.64E-04	0.00E+00	7.62E-04	3.41E-09	1.01E-10	5.27E-03	8.24E-05	3.55E-03	1.98E-03	6.18E-05	1.47E-02	3.07E-01	0.00E+00	4.06E-10	5.41E-10	6.16E-05	1.66E-06	4.13E-02	0.00E+00	3.07E-01	7.77E-10	3.07E-01	3.48E-01	4.13E-02	0.00E+00	0.00E+00	0.00E+00	2.65E-03
B04917	9.78E-04	4.01E-01	7.55E-02	3.26E-01	0.00E+00	0.00E+00	4.69E+00	4.46E-06	4.32E-04	2.68E-03	0.00E+00	7.93E-03	3.59E-08	1.05E-09	4.84E-02	8.68E-04	2.67E-02	0.00E+00	5.65E-04	1.33E-01	3.09E+00	0.00E+00	4.17E-09	5.40E-09	6.27E-04	1.60E-05	4.12E-01	0.00E+00	3.09E+00	7.57E-09	3.09E+00	3.50E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	2.42E-02
B04918	1.27E-03	5.22E-01	9.82E-02	4.23E-01	0.00E+00	0.00E+00	6.10E+00	5.80E-06	5.61E-04	3.49E-03	0.00E+00	1.03E-02	4.67E-08	1.36E-09	6.30E-02	1.13E-03	3.48E-02	0.00E+00	7.35E-04	1.73E-01	4.01E+00	0.00E+00	5.43E-09	7.02E-09	8.16E-04	2.08E-05	5.35E-01	0.00E+00	4.01E+00	9.85E-09	4.01E+00	4.55E+00	5.35E-01	0.00E+00	0.00E+00	0.00E+00	3.15E-02
B04919	1.63E-03	6.67E-01	1.26E-01	5.41E-01	0.00E+00	0.00E+00	7.80E+00	7.41E-06	7.18E-04	4.46E-03	0.00E+00	1.32E-02	5.97E-08	1.74E-09	8.05E-02	1.44E-03	4.45E-02	0.00E+00	9.39E-04	2.22E-01	5.13E+00	0.00E+00	6.94E-09	8.98E-09	1.04E-03	2.66E-05	6.85E-01	0.00E+00	5.13E+00	1.26E-08	5.13E+00	5.82E+00	6.85E-01	0.00E+00	0.00E+00	0.00E+00	4.03E-02
B04925	3.13E-04	1.46E-01	2.48E-02	1.21E-01	0.00E+00	0.00E+00	1.55E+00	1.54E-06	1.44E-04	9.12E-04	0.00E+00	2.63E-03	1.18E-08	3.50E-10	1.82E-02	2.84E-04	1.09E-02	3.23E-03	2.13E-04	5.07E-02	1.06E+00	0.00E+00	1.40E-09	1.87E-09	2.12E-04	5.72E-06	1.43E-01	0.00E+00	1.06E+00	2.68E-09	1.06E+00	1.20E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	9.15E-03
B04926	3.53E-04	1.64E-01	2.80E-02	1.36E-01	0.00E+00	0.00E+00	1.75E+00	1.74E-06	1.63E-04	1.03E-03	0.00E+00	2.97E-03	1.33E-08	3.96E-10	2.04E-02	3.22E-04	1.21E-02	3.45E-03	2.39E-04	5.69E-02	1.19E+00	0.00E+00	1.58E-09	2.10E-09	2.40E-04	6.44E-06	1.61E-01	0.00E+00	1.19E+00	3.02E-09	1.19E+00	1.36E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
B04927	7.17E-04	2.97E-01	5.49E-02	2.42E-01	0.00E+00	0.00E+00	3.41E+00	3.27E-06	3.15E-04	1.96E-03	0.00E+00	5.77E-03	2.61E-08	7.64E-10	3.61E-02	6.31E-04	2.08E-02	1.48E-03	4.21E-04	9.96E-02	2.26E+00	0.00E+00	3.04E-09	3.96E-09	4.58E-04	1.18E-05	3.02E-01	0.00E+00	2.26E+00	5.58E-09	2.26E+00	2.56E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	1.81E-02
B04928	9.96E-04	4.12E-01	7.65E-02	3.35E-01	0.00E+00	0.00E+00	4.75E+00	4.54E-06	4.38E-04	2.73E-03	0.00E+00	8.04E-03	3.63E-08	1.06E-09	4.99E-02	8.79E-04	2.84E-02	1.48E-03	5.83E-04	1.38E-01	3.14E+00	0.00E+00	4.24E-09	5.51E-09	6.38E-04	1.64E-05	4.20E-01	0.00E+00	3.14E+00	7.74E-09	3.14E+00	3.56E+00	4.20E-01	0.00E+00	0.00E+00	0.00E+00	2.50E-02
B04929	1.24E-03	5.10E-01	9.50E-02	4.15E-01	0.00E+00	0.00E+00	5.91E+00	5.64E-06	5.44E-04	3.39E-03	0.00E+00	9.99E-03	4.51E-08	1.32E-09	6.18E-02	1.09E-03	3.50E-02	1.48E-03	7.21E-04	1.70E-01	3.90E+00	0.00E+00	5.26E-09	6.83E-09	7.92E-04	2.03E-05	5.21E-01	0.00E+00	3.90E+00	9.60E-09	3.90E+00	4.42E+00	5.21E-01	0.00E+00	0.00E+00	0.00E+00	3.10E-02
B04943	5.74E-04	2.61E-01	4.70E-02	2.14E-01	0.00E+00	0.00E+00	2.93E+00	2.84E-06	2.71E-04	1.70E-03	0.00E+00	4.96E-03	2.23E-08	6.58E-10	3.20E-02	5.40E-04	1.96E-02	3.27E-03	3.75E-04	8.88E-02	1.96E+00	0.00E+00	2.62E-09	3.44E-09	3.96E-04	1.03E-05	2.62E-01	0.00E+00	1.96E+00	4.87E-09	1.96E+00	2.22E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	1.61E-02
B04944	7.47E-04	3.40E-01	6.11E-02	2.79E-01	0.00E+00	0.00E+00	3.81E+00	3.69E-06	3.52E-04	2.21E-03	0.00E+00	6.45E-03	2.90E-08	8.55E-10	4.18E-02	7.02E-04	2.56E-02	4.44E-03	4.88E-04	1.16E-01	2.55E+00	0.00E+00	3.41E-09	4.48E-09	5.15E-04	1.35E-05	3.42E-01	0.00E+00	2.55E+00	6.35E-09	2.55E+00	2.89E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	2.10E-02
B04945	1.31E-03	5.94E-01	1.08E-01	4.86E-01	0.00E+00	0.00E+00	6.71E+00	6.48E-06	6.19E-04	3.88E-03	0.00E+00	1.14E-02	5.12E-08	1.51E-09	7.26E-02	1.24E-03	4.35E-02	5.93E-03	8.48E-04	2.01E-01	4.48E+00	0.00E+00	6.00E-09	7.85E-09	9.05E-04	2.35E-05	5.99E-01	0.00E+00	4.48E+00	1.11E-08	4.48E+00	5.07E+00	5.99E-01	0.00E+00	0.00E+00	0.00E+00	3.64E-02
B04946	1.09E-03	4.93E-01	8.93E-02	4.03E-01	0.00E+00	0.00E+00	5.56E+00	5.38E-06	5.14E-04	3.22E-03	0.00E+00	9.42E-03	4.24E-08	1.25E-09	6.03E-02	1.03E-03	3.62E-02	5.09E-03	7.05E-04	1.67E-01	3.71E+00	0.00E+00	4.98E-09	6.51E-09	7.51E-04	1.95E-05	4.97E-01	0.00E+00	3.71E+00	9.21E-09	3.71E+00	4.21E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	3.03E-02
B04947	7.98E-04	3.65E-01	6.50E-02	3.01E-01	0.00E+00	0.00E+00	4.05E+00	3.95E-06	3.75E-04	2.35E-03	0.00E+00	6.86E-03	3.09E-08	9.11E-10	4.50E-02	7.46E-04	2.82E-02	5.73E-03	5.27E-04	1.25E-01	2.72E+00	0.00E+00	3.64E-09	4.79E-09	5.49E-04	1.45E-05	3.65E-01	0.00E+00	2.72E+00	6.80E-09	2.72E+00	3.09E+00	3.65E-01	0.00E+00	0.00E+00	0.00E+00	2.26E-02
B04956	1.09E-03	4.93E-01	8.93E-02	4.03E-01	0.00E+00	0.00E+00	5.56E+00	5.38E-06	5.14E-04	3.22E-03	0.00E+00	9.42E-03	4.24E-08	1.25E-09	6.03E-02	1.03E-03	3.62E-02	5.09E-03	7.05E-04	1.67E-01	3.71E+00	0.00E+00	4.98E-09	6.51E-09	7.51E-04	1.95E-05	4.97E-01	0.00E+00	3.71E+00	9.21E-09	3.71E+00	4.21E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	3.03E-02
B04957	7.98E-04	3.65E-01	6.50E-02	3.01E-01	0.00E+00	0.00E+00	4.05E+00	3.95E-06	3.75E-04	2.35E-03	0.00E+00	6.86E-03	3.09E-08	9.11E-10	4.50E-02	7.46E-04	2.82E-02	5.73E-03	5.27E-04	1.25E-01	2.72E+00	0.00E+00	3.64E-09	4.79E-09	5.49E-04	1.45E-05	3.65E-01	0.00E+00	2.72E+00	6.80E-09	2.72E+00	3.09E+00	3.65E-01	0.00E+00	0.00E+00	0.00E+00	2.26E-02
B05169	3.34E-05	1.54E-02	3.28E-03	1.21E-02	0.00E+00	0.00E+00	1.80E-01	1.59E-07	1.64E-05	1.01E-04	0.00E+00	2.82E-04	1.29E-09	4.44E-11	1.72E-03	3.08E-05	3.65E-03	0.00E+00	2.58E-05	7.69E-03	1.10E-01	0.00E+00	1.53E-10	1.96E-10	2.39E-05	5.69E-07	1.46E-02	0.00E+00	1.10E-01	2.72E-10	1.10E-01	1.25E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
B05172	4.88E-05	3.49E-02	1.53E-03	3.33E-02	0.00E+00	0.00E+00	1.17E-01	2.40E-07	1.33E-05	1.15E-04	0.00E+00	2.18E-04	7.26E-10	3.38E-11	5.34E-03	1.75E-05	3.40E-02	1.03E-03	6.48E-05	1.61E-02	1.54E-01	0.00E+00	1.48E-10	2.93E-10	2.56E-05	1.23E-06	2.28E-02	0.00E+00	1.54E-01	5.32E-10	1.54E-01	1.77E-01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	2.78E-03
B05173	8.60E-05	5.72E-02	2.48E-03	5.47E-02	0.00E+00	0.00E+00	1.90E-01	3.92E-07	2.17E-05	1.88E-04	0.00E+00	3.54E-04	1.17E-09	5.50E-11	8.76E-03	2.84E-05	3.69E-02	7.89E-04	1.06E-04	2.63E-02	2.52E-01	0.00E+00	2.41E-10	4.80E-10	4.19E-05	2.02E-06	3.74E-02	0.00E+00	2.52E-01	8.72E-10	2.52E-01	2.89E-01	3.74E-02	0.00E+00	0.00E+00	0.00E+00	4.57E-03
B05174	1.09E-03	6.82E-02	1.32E-01	2.01E-01	0.00E+00	0.00E+00	7.60E+00	3.51E-06	6.26E-04	2.95E-03	0.00E+00	1.23E-02	6.29E-08	1.48E-09	4.07E-02	1.52E-03	9.96E-02	1.77E-01	5.48E-04	1.51E-01	2.77E+00	0.00E+00	5.49E-09	4.17E-09	7.27E-04	1.86E-06	3.04E-01	0.00E+00	2.77E+00	2.34E-09	2.77E+00	3.08E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	2.36E-02
B05182	1.08E-03	5.48E-02	1.30E-01	1.85E-01	0.00E+00	0.00E+00	7.47E+00	3.51E-06	6.16E-04	2.93E-03	0.00E+00	1.21E-02	6.18E-08	1.46E-09	3.80E-02	1.49E-03	9.65E-02	1.72E-01	5.14E-04	1.42E-01	2.76E+00	0.00E+00	5.42E-09	4.18E-09	7.19E-04	2.24E-06	3.05E-01	0.00E+00	2.76E+00	2.47E-09	2.76E+00	3.07E+00	3.05E-01	0.00E+00	0.00E+00	0.00E+00	2.21E-02
B05184	8.59E-06	4.81E-03	7.78E-04	4.04E-03	0.00E+00	0.00E+00	4.33E-02	4.17E-08	4.00E-06	2.57E-05	0.00E+00	6.82E-05	3.07E-10	1.08E-11	5.08E-04	7.29E-06	1.19E-03	1.71E-04	8.45E-06	2.34E-03	2.84E-02	0.00E+00	3.81E-11	5.12E-11	6.01E-06	1.62E-07	3.80E-03	0.00E+00	2.84E-02	7.36E-11	2.84E-02	3.22E-02	3.80E-03	0.00E+00	0.00E+00	0.00E+00	3.63E-04
B05186	8.59E-06	4.81E-03	7.78E-04	4.04E-03	0.00E+00	0.00E+00	4.33E-02	4.17E-08	4.00E-06	2.57E-05	0.00E+00	6.82E-05	3.07E-10	1.08E-11	5.08E-04	7.29E-06	1.19E-03	1.71E-04	8.45E-06	2.34E-03	2.84E-02	0.00E+00	3.81E-11	5.12E-11	6.01E-06	1.62E-07	3.80E-03	0.00E+00	2.84E-02	7.36E-11	2.84E-02	3.22E-02	3.80E-03	0.00E+00	0.00E+00	0.00E+00	3.63E-04
B05188	2.05E-05	1.09E-02	1.71E-03	9.22E-03	0.00E+00	0.00E+00	1.08E-01	1.11E-07	1.01E-05	6.50E-05	0.00E+00	1.84E-04	8.13E-10	2.46E-11	1.40E-03	1.97E-05	3.06E-02	1.73E-03	1.65E-05	3.94E-03	7.62E-02	0.00E+00	9.89E-11	1.35E-10	1.51E-05	4.25E-07	1.03E-02	0.00E+00	7.62E-02	1.98E-10	7.62E-02	8.65E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	7.07E-04
B05190	8.20E-06	6.12E-03	1.08E-04	6.01E-03	0.00E+00	0.00E+00	1.12E-02	3.74E-08	1.56E-06	1.64E-05	0.00E+00	2.31E-05	5.10E-11	4.10E-12	9.72E-04	1.23E-06	3.05E-02	2.27E-03	1.19E-05	2.96E-03	2.34E-02	0.00E+00	1.91E-11	4.58E-11	3.58E-06	2.11E-07	3.59E-03	0.00E+00	2.34E-02	8.94E-11	2.34E-02	2.69E-02	3.59E-03	0.00E+00	0.00E+00	0.00E+00	5.09E-04
B05191	1.43E-05	7.96E-03	1.85E-03	6.11E-03	0.00E+00	0.00E+00	1.13E-01	9.88E-08	1.03E-05	6.15E-05	0.00E+00	1.90E-04	8.79E-10	2.48E-11	8.83E-04	2.13E-05	3.12E-02	1.17E-03	1.01E-05	2.34E-03	6.92E-02	0.00E+00	9.77E-11	1.19E-10	1.45E-05	3.29E-07	9.07E-03	0.00E+00	6.92E-02	1.59E-10	6.92E-02	7.83E-02	9.07E-03	0.00E+00	0.00E+00	0.00E+00	4.35E-04
B05192	1.43E-05	7.96E-03	1.85E-03	6.11E-03	0.00E+00	0.00E+00	1.13E-01	9.88E-08	1.03E-05	6.15E-05	0.00E+00	1.90E-04	8.79E-10	2.48E-11	8.83E-04	2.13E-05	3.12E-02	1.17E-03	1.01E-05	2.34E-03	6.92E-02	0.00E+00	9.77E-11	1.19E-10	1.45E-05	3.29E-07	9.07E-03	0.00E+00	6.92E-02	1.59E-10	6.92E-02	7.83E-02	9.07E-03	0.00E+00	0.00E+00	0.00E+00	4.35E-04
B05196	6.48E-07	4.94E-03	7.67E-04	5.71E-03	0.00E+00	0.00E+00	4.03E-02	5.11E-09	2.85E-06	6.76E-06	0.00E+00	6.13E-05	3.65E-10	6.42E-12	9.76E-04	8.82E-06	3.09E-02	3.05E-03	1.22E-05	3.14E-03	5.28E-04	0.00E+00	2.10E-11	7.09E-12	2.01E-06	1.44E-07	7.04E-04	0.00E+00	5.28E-04	5.09E-11	5.28E-04	1.75E-04	7.04E-04	0.00E+00	0.00E+00	0.00E+00	5.26E-04
B05197	4.61E-05	2.25E-02	3.01E-03	1.95E-02	0.00E+00	0.00E+00	1.92E-01	2.14E-07	1.83E-05	1.22E-04	0.00E+00	3.30E-04	1.43E-09	4.48E-11	2.99E-03	3.45E-05	3.20E-02	2.38E-03	3.54E-05	8.55E-03	1.45E-01	0.00E+00	1.81E-10	2.60E-10	2.81E-05	8.58E-07	1.99E-02	0.00E+00	1.45E-01	3.93E-10	1.45E-01	1.65E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	1.52E-03
B05198	6.30E-05	2.94E-02	3.53E-03	2.59E-02	0.00E+00	0.00E+00	2.28E-01	2.68E-07	2.20E-05	1.50E-04	0.00E+00	3.93E-04	1.68E-09	5.40E-11	4.00E-03	4.05E-05	3.31E-02	2.91E-03	4.76E-05	1.15E-02	1.81E-01	0.00E+00	2.20E-10	3.25E-10	3.45E-05	1.11E-06	2.50E-02	0.00E+00	1.81E-01	5.05E-10	1.81E-01	2.06E-01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
B05199	1.03E-03	5.37E-02	1.24E-01	1.77E-01	0.00E+00	0.00E+00	7.10E+00	3.33E-06	5.86E-04	2.78E-03	0.00E+00	1.15E-02	5.88E-08	1.38E-09	3.64E-02	1.42E-03	9.34E-02	1.64E-01	4.92E-04	1.36E-01	2.63E+00	0.00E+00	5.15E-09	3.96E-09	6.84E-04	2.08E-06	2.89E-01	0.00E+00	2.63E+00	2.33E-09	2.63E+00	2.91E+00	2.89E-01	0.00E+00	0.00E+00	0.00E+00	2.12E-02
B05762	8.90E-04	3.66E-02	7.08E-02	3.42E-02	0.00E+00	0.00E+00	4.12E+00	2.28E-06	3.47E-04	1.74E-03	0.00E+00	6.71E-03	3.37E-08	8.24E-10	9.87E-03	8.14E-04	5.03E-03	2.53E-01	1.47E-04	4.44E-02	1.73E+00	0.00E+00	3.11E-09	2.73E-09	4.24E-04	3.48E-06	2.02E-01	0.00E+00	1.73E+00	2.29E-09	1.73E+00	1.94E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	6.34E-03
B05763	8.87E-04	3.59E-02	7.24E-02	3.65E-02	0.00E+00	0.00E+00	4.21E+00	2.33E-06	3.55E-04	1.78E-03	0.00E+00	6.86E-03	3.44E-08	8.42E-10	1.03E-02	8.32E-04	6.03E-03	2.55E-01	1.54E-04	4.62E-02	1.77E+00	0.00E+00	3.17E-09	2.78E-09	4.33E-04	3.50E-06	2.06E-01	0.00E+00	1.77E+00	2.32E-09	1.77E+00	1.97E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
B05765	1.16E-03	4.20E-02	9.16E-02	4.96E-02	0.00E+00	0.00E+00	5.32E+00	2.92E-06	4.48E-04	2.24E-03	0.00E+00	8.67E-03	4.35E-08	1.06E-09	1.36E-02	1.05E-03	7.61E-03	3.29E-01	2.01E-04	6.01E-02	2.22E+00	0.00E+00	4.01E-09	3.49E-09	5.46E-04	4.31E-06	2.58E-01	0.00E+00	2.22E+00	2.88E-09	2.22E+00	2.48E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	8.66E-03
B05767	5.23E-04	4.62E-02	4.77E-02	1.53E-03	0.00E+00	0.00E+00	2.80E+00	1.66E-06	2.38E-04	1.22E-03	0.00E+00	4.57E-03	2.27E-08	5.65E-10	3.15E-03	5.49E-04	2.89E-02	1.60E-01	5.65E-05	1.92E-02	1.24E+00	0.00E+00	2.15E-09	1.99E-09	2.96E-04	3.07E-06	1.48E-01	0.00E+00	1.24E+00	1.85E-09	1.24E+00	1.39E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	2.43E-03
B05768	5.23E-04	4.62E-02	4.77E-02	1.53E-03	0.00E+00	0.00E+00	2.80E+00	1.66E-06	2.38E-04	1.22E-03	0.00E+00	4.57E-03	2.27E-08	5.65E-10	3.15E-03	5.49E-04	2.90E-02	1.60E-01	5.65E-05	1.92E-02	1.24E+00	0.00E+00	2.15E-09	1.99E-09	2.96E-04	3.07E-06	1.48E-01	0.00E+00	1.24E+00	1.85E-09	1.24E+00	1.39E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	2.43E-03
B05769	1.95E-04	3.12E-03	1.80E-02	2.11E-02	0.00E+00	0.00E+00	1.04E+00	5.11E-07	8.61E-05	4.15E-04	0.00E+00	1.68E-03	8.56E-09	2.04E-10	4.53E-03	2.07E-04	1.67E-02	2.12E-03	6.23E-05	1.75E-02	3.98E-01	0.00E+00	7.61E-10	6.09E-10	1.02E-04	4.62E-07	4.46E-02	0.00E+00	3.98E-01	4.05E-10	3.98E-01	4.43E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	2.68E-03
B05770	1.95E-04	3.12E-03	1.80E-02	2.11E-02	0.00E+00	0.00E+00	1.04E+00	5.11E-07	8.61E-05	4.15E-04	0.00E+00	1.68E-03	8.56E-09	2.04E-10	4.53E-03	2.07E-04	1.67E-02	2.12E-03	6.23E-05	1.75E-02	3.98E-01	0.00E+00	7.61E-10	6.09E-10	1.02E-04	4.62E-07	4.46E-02	0.00E+00	3.98E-01	4.05E-10	3.98E-01	4.43E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	2.68E-03
B05774	1.82E-05	9.62E-03	1.36E-03	8.26E-03	0.00E+00	0.00E+00	8.64E-02	9.37E-08	8.18E-06	5.38E-05	0.00E+00	1.48E-04	6.46E-10	2.00E-11	1.26E-03	1.56E-05	3.04E-02	1.79E-03	1.50E-05	3.60E-03	6.38E-02	0.00E+00	8.08E-11	1.14E-10	1.25E-05	3.69E-07	8.71E-03	0.00E+00	6.38E-02	1.70E-10	6.38E-02	7.25E-02	8.71E-03	0.00E+00	0.00E+00	0.00E+00	6.42E-04
B06521	1.44E-04	7.03E-02	1.11E-02	5.93E-02	0.00E+00	0.00E+00	6.96E-01	7.18E-07	6.52E-05	4.19E-04	0.00E+00	1.19E-03	5.25E-09	1.59E-10	8.98E-03	1.27E-04	6.85E-03	3.25E-03	1.06E-04	2.53E-02	4.91E-01	0.00E+00	6.38E-10	8.70E-10	9.74E-05	2.74E-06	6.66E-02	0.00E+00	4.91E-01	1.27E-09	4.91E-01	5.58E-01	6.66E-02	0.00E+00	0.00E+00	0.00E+00	4.55E-03
B06522	2.44E-04	1.25E-01	1.80E-02	1.07E-01	0.00E+00	0.00E+00	1.14E+00	1.23E-06	1.08E-04	7.06E-04	0.00E+00	1.95E-03	8.55E-09	2.64E-10	1.63E-02	2.07E-04	1.37E-02	8.10E-03	1.93E-04	4.63E-02	8.35E-01	0.00E+00	1.06E-09	1.49E-09	1.64E-04	4.80E-06	1.14E-01	0.00E+00	8.35E-01	2.22E-09	8.35E-01	9.49E-01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-03
B06523	5.55E-04	2.72E-01	4.27E-02	2.29E-01	0.00E+00	0.00E+00	2.69E+00	2.77E-06	2.52E-04	1.62E-03	0.00E+00	4.58E-03	2.03E-08	6.14E-10	3.48E-02	4.90E-04	2.65E-02	1.26E-02	4.10E-04	9.80E-02	1.90E+00	0.00E+00	2.46E-09	3.36E-09	3.76E-04	1.06E-05	2.57E-01	0.00E+00	1.90E+00	4.92E-09	1.90E+00	2.16E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	1.76E-02
B06524	8.02E-04	3.83E-01	6.32E-02	3.19E-01	0.00E+00	0.00E+00	3.96E+00	3.99E-06	3.69E-04	2.35E-03	0.00E+00	6.73E-03	3.00E-08	8.99E-10	4.82E-02	7.25E-04	3.43E-02	1.32E-02	5.66E-04	1.35E-01	2.74E+00	0.00E+00	3.60E-09	4.84E-09	5.47E-04	1.50E-05	3.70E-01	0.00E+00	2.74E+00	7.00E-09	2.74E+00	3.11E+00	3.70E-01	0.00E+00	0.00E+00	0.00E+00	2.43E-02
B06525	8.06E-04	3.86E-01	6.32E-02	3.23E-01	0.00E+00	0.00E+00	3.96E+00	4.01E-06	3.70E-04	2.36E-03	0.00E+00	6.74E-03	3.00E-08	9.00E-10	4.87E-02	7.25E-04	3.51E-02	1.41E-02	5.73E-04	1.37E-01	2.75E+00	0.00E+00	3.61E-09	4.86E-09	5.49E-04	1.51E-05	3.72E-01	0.00E+00	2.75E+00	7.05E-09	2.75E+00	3.12E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	2.46E-02
B06526	1.60E-03	7.24E-01	1.32E-01	5.92E-01	0.00E+00	0.00E+00	8.21E+00	7.92E-06	7.58E-04	4.74E-03	0.00E+00	1.39E-02	6.26E-08	1.84E-09	8.84E-02	1.52E-03	5.26E-02	6.53E-03	1.03E-03	2.45E-01	5.47E+00	0.00E+00	7.34E-09	9.59E-09	1.11E-03	2.87E-05	7.32E-01	0.00E+00	5.47E+00	1.35E-08	5.47E+00	6.20E+00	7.32E-01	0.00E+00	0.00E+00	0.00E+00	4.44E-02
B06527	1.98E-03	8.98E-01	1.63E-01	7.35E-01	0.00E+00	0.00E+00	1.02E+01	9.81E-06	9.38E-04	5.87E-03	0.00E+00	1.72E-02	7.75E-08	2.28E-09	1.10E-01	1.87E-03	6.57E-02	8.79E-03	1.28E-03	3.04E-01	6.77E+00	0.00E+00	9.08E-09	1.19E-08	1.37E-03	3.56E-05	9.06E-01	0.00E+00	6.77E+00	1.68E-08	6.77E+00	7.68E+00	9.06E-01	0.00E+00	0.00E+00	0.00E+00	5.51E-02
B06528	2.47E-03	1.12E+00	2.03E-01	9.16E-01	0.00E+00	0.00E+00	1.26E+01	1.22E-05	1.17E-03	7.30E-03	0.00E+00	2.14E-02	9.63E-08	2.83E-09	1.37E-01	2.33E-03	8.23E-02	1.16E-02	1.60E-03	3.79E-01	8.43E+00	0.00E+00	1.13E-08	1.48E-08	1.70E-03	4.44E-05	1.13E+00	0.00E+00	8.43E+00	2.09E-08	8.43E+00	9.55E+00	1.13E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-02
B06534	1.71E-04	8.95E-02	1.23E-02	7.72E-02	0.00E+00	0.00E+00	7.86E-01	8.63E-07	7.47E-05	4.93E-04	0.00E+00	1.35E-03	5.87E-09	1.83E-10	1.18E-02	1.42E-04	1.04E-02	6.68E-03	1.40E-04	3.37E-02	5.86E-01	0.00E+00	7.39E-10	1.05E-09	1.14E-04	3.43E-06	8.03E-02	0.00E+00	5.86E-01	1.58E-09	5.86E-01	6.67E-01	8.03E-02	0.00E+00	0.00E+00	0.00E+00	6.01E-03
B06537	2.58E-04	1.30E-01	1.93E-02	1.11E-01	0.00E+00	0.00E+00	1.22E+00	1.29E-06	1.15E-04	7.48E-04	0.00E+00	2.08E-03	9.16E-09	2.81E-10	1.69E-02	2.22E-04	1.38E-02	7.68E-03	1.99E-04	4.78E-02	8.82E-01	0.00E+00	1.13E-09	1.57E-09	1.74E-04	5.02E-06	1.20E-01	0.00E+00	8.82E-01	2.32E-09	8.82E-01	1.00E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	8.55E-03
B06540	1.31E-03	6.04E-01	1.05E-01	4.98E-01	0.00E+00	0.00E+00	6.58E+00	6.47E-06	6.10E-04	3.85E-03	0.00E+00	1.12E-02	5.01E-08	1.48E-09	7.48E-02	1.21E-03	4.84E-02	1.22E-02	8.76E-04	2.08E-01	4.46E+00	0.00E+00	5.93E-09	7.84E-09	8.97E-04	2.38E-05	5.98E-01	0.00E+00	4.46E+00	1.12E-08	4.46E+00	5.06E+00	5.98E-01	0.00E+00	0.00E+00	0.00E+00	3.76E-02
B06541	1.62E-03	7.30E-01	1.34E-01	5.96E-01	0.00E+00	0.00E+00	8.31E+00	8.00E-06	7.67E-04	4.79E-03	0.00E+00	1.41E-02	6.35E-08	1.86E-09	8.90E-02	1.53E-03	5.24E-02	5.67E-03	1.04E-03	2.46E-01	5.53E+00	0.00E+00	7.43E-09	9.69E-09	1.12E-03	2.90E-05	7.39E-01	0.00E+00	5.53E+00	1.37E-08	5.53E+00	6.27E+00	7.39E-01	0.00E+00	0.00E+00	0.00E+00	4.46E-02
B06542	1.76E-03	8.07E-01	1.43E-01	6.63E-01	0.00E+00	0.00E+00	8.93E+00	8.71E-06	8.27E-04	5.19E-03	0.00E+00	1.51E-02	6.80E-08	2.01E-09	9.93E-02	1.65E-03	6.23E-02	1.28E-02	1.16E-03	2.76E-01	6.01E+00	0.00E+00	8.02E-09	1.06E-08	1.21E-03	3.19E-05	8.06E-01	0.00E+00	6.01E+00	1.50E-08	6.01E+00	6.82E+00	8.06E-01	0.00E+00	0.00E+00	0.00E+00	4.99E-02
B06544	2.01E-03	9.07E-01	1.65E-01	7.42E-01	0.00E+00	0.00E+00	1.03E+01	9.91E-06	9.48E-04	5.93E-03	0.00E+00	1.74E-02	7.83E-08	2.30E-09	1.11E-01	1.89E-03	6.63E-02	8.79E-03	1.30E-03	3.07E-01	6.85E+00	0.00E+00	9.18E-09	1.20E-08	1.38E-03	3.60E-05	9.16E-01	0.00E+00	6.85E+00	1.70E-08	6.85E+00	7.76E+00	9.16E-01	0.00E+00	0.00E+00	0.00E+00	5.57E-02
B08700	5.16E-03	2.17E+00	3.90E-01	1.78E+00	0.00E+00	0.00E+00	2.43E+01	2.36E-05	2.24E-03	1.41E-02	0.00E+00	4.11E-02	1.85E-07	5.45E-09	2.66E-01	4.48E-03	1.63E-01	2.79E-02	3.11E-03	7.38E-01	1.63E+01	0.00E+00	2.17E-08	2.85E-08	3.28E-03	8.59E-05	2.18E+00	0.00E+00	1.63E+01	4.05E-08	1.63E+01	1.84E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
B08702	5.14E-03	2.15E+00	3.90E-01	1.76E+00	0.00E+00	0.00E+00	2.43E+01	2.35E-05	2.24E-03	1.40E-02	0.00E+00	4.11E-02	1.85E-07	5.45E-09	2.64E-01	4.48E-03	1.59E-01	2.37E-02	3.08E-03	7.30E-01	1.62E+01	0.00E+00	2.17E-08	2.84E-08	3.28E-03	8.54E-05	2.17E+00	0.00E+00	1.62E+01	4.02E-08	1.62E+01	1.84E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
B08704	5.13E-04	1.94E-01	3.71E-02	1.56E-01	0.00E+00	0.00E+00	2.30E+00	2.17E-06	2.11E-04	1.31E-03	0.00E+00	3.89E-03	1.76E-08	5.13E-10	2.32E-02	4.26E-04	3.61E-02	5.94E-04	2.71E-04	6.38E-02	1.50E+00	0.00E+00	2.04E-09	2.63E-09	3.06E-04	7.74E-06	2.00E-01	0.00E+00	1.50E+00	3.67E-09	1.50E+00	1.70E+00	2.00E-01	0.00E+00	0.00E+00	0.00E+00	1.16E-02
B08705	5.64E-04	2.01E-01	3.98E-02	1.62E-01	0.00E+00	0.00E+00	2.46E+00	2.29E-06	2.26E-04	1.39E-03	0.00E+00	4.15E-03	1.89E-08	5.47E-10	2.39E-02	4.57E-04	3.39E-02	1.26E-03	2.78E-04	6.54E-02	1.59E+00	0.00E+00	2.17E-09	2.78E-09	3.25E-04	8.09E-06	2.11E-01	0.00E+00	1.59E+00	3.85E-09	1.59E+00	1.80E+00	2.11E-01	0.00E+00	0.00E+00	0.00E+00	1.19E-02
B08712	1.44E-04	6.43E-02	9.74E-03	5.46E-02	0.00E+00	0.00E+00	6.15E-01	6.46E-07	5.78E-05	3.75E-04	0.00E+00	1.05E-03	4.63E-09	1.41E-10	8.30E-03	1.12E-04	3.47E-02	4.04E-03	9.80E-05	2.35E-02	4.41E-01	0.00E+00	5.68E-10	7.83E-10	8.70E-05	2.49E-06	5.99E-02	0.00E+00	4.41E-01	1.16E-09	4.41E-01	5.01E-01	5.99E-02	0.00E+00	0.00E+00	0.00E+00	4.21E-03
B08716	1.07E-04	4.73E-02	7.97E-03	3.94E-02	0.00E+00	0.00E+00	4.99E-01	4.98E-07	4.64E-05	2.95E-04	0.00E+00	8.47E-04	3.79E-09	1.13E-10	5.93E-03	9.16E-05	3.32E-02	2.31E-03	6.96E-05	1.66E-02	3.43E-01	0.00E+00	4.52E-10	6.04E-10	6.86E-05	1.86E-06	4.62E-02	0.00E+00	3.43E-01	8.70E-10	3.43E-01	3.89E-01	4.62E-02	0.00E+00	0.00E+00	0.00E+00	2.99E-03
FV22A	1.16E-03	5.46E-01	8.72E-02	4.59E-01	0.00E+00	0.00E+00	5.48E+00	5.61E-06	5.12E-04	3.29E-03	0.00E+00	9.33E-03	4.14E-08	1.25E-09	6.94E-02	1.00E-03	2.98E-02	1.54E-02	8.17E-04	1.95E-01	3.84E+00	0.00E+00	5.01E-09	6.80E-09	7.64E-04	2.13E-05	5.20E-01	0.00E+00	3.84E+00	9.91E-09	3.84E+00	4.36E+00	5.20E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-02
FV32A	1.67E-03	7.98E-01	1.22E-01	6.76E-01	0.00E+00	0.00E+00	7.67E+00	8.03E-06	7.20E-04	4.66E-03	0.00E+00	1.31E-02	5.77E-08	1.76E-09	1.03E-01	1.40E-03	4.84E-02	1.88E-02	1.21E-03	2.91E-01	5.49E+00	0.00E+00	7.07E-09	9.74E-09	1.08E-03	3.09E-05	7.45E-01	0.00E+00	5.49E+00	1.43E-08	5.49E+00	6.23E+00	7.45E-01	0.00E+00	0.00E+00	0.00E+00	5.21E-02
FV62A	2.40E-03	1.13E+00	1.76E-01	9.59E-01	0.00E+00	0.00E+00	1.11E+01	1.15E-05	1.04E-03	6.70E-03	0.00E+00	1.89E-02	8.35E-08	2.54E-09	1.45E-01	2.02E-03	6.65E-02	2.78E-02	1.72E-03	4.11E-01	7.87E+00	0.00E+00	1.02E-08	1.40E-08	1.56E-03	4.41E-05	1.07E+00	0.00E+00	7.87E+00	2.05E-08	7.87E+00	8.94E+00	1.07E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-02
FV72A	1.48E-02	6.83E+00	1.17E+00	5.67E+00	0.00E+00	0.00E+00	7.30E+01	7.25E-05	6.78E-03	4.29E-02	0.00E+00	1.24E-01	5.54E-07	1.65E-08	8.52E-01	1.34E-02	4.65E-01	6.95E-02	1.00E-02	2.38E+00	4.99E+01	0.00E+00	6.60E-08	8.78E-08	1.00E-02	2.69E-04	6.71E+00	0.00E+00	4.99E+01	1.26E-07	4.99E+01	5.66E+01	6.71E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-01
GA01A	3.97E-04	1.81E-01	3.25E-02	1.48E-01	0.00E+00	0.00E+00	2.03E+00	1.96E-06	1.87E-04	1.17E-03	0.00E+00	3.43E-03	1.54E-08	4.55E-10	2.22E-02	3.73E-04	1.36E-02	2.29E-03	2.59E-04	6.15E-02	1.36E+00	0.00E+00	1.81E-09	2.38E-09	2.74E-04	7.16E-06	1.82E-01	0.00E+00	1.36E+00	3.37E-09	1.36E+00	1.54E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	1.11E-02
GA01B	3.97E-04	1.81E-01	3.25E-02	1.48E-01	0.00E+00	0.00E+00	2.03E+00	1.96E-06	1.87E-04	1.17E-03	0.00E+00	3.43E-03	1.54E-08	4.55E-10	2.22E-02	3.73E-04	1.36E-02	2.29E-03	2.59E-04	6.15E-02	1.36E+00	0.00E+00	1.81E-09	2.38E-09	2.74E-04	7.16E-06	1.82E-01	0.00E+00	1.36E+00	3.37E-09	1.36E+00	1.54E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	1.11E-02
GA055N	4.59E-04	2.10E-01	3.73E-02	1.73E-01	0.00E+00	0.00E+00	2.33E+00	2.27E-06	2.15E-04	1.35E-03	0.00E+00	3.95E-03	1.77E-08	5.24E-10	2.59E-02	4.29E-04	1.62E-02	3.30E-03	3.03E-04	7.18E-02	1.57E+00	0.00E+00	2.09E-09	2.75E-09	3.16E-04	8.31E-06	2.10E-01	0.00E+00	1.57E+00	3.91E-09	1.57E+00	1.78E+00	2.10E-01	0.00E+00	0.00E+00	0.00E+00	1.30E-02
GD018E	9.83E-04	2.45E-01	9.33E-02	1.52E-01	0.00E+00	0.00E+00	5.59E+00	4.11E-06	4.90E-04	2.74E-03	0.00E+00	9.26E-03	4.43E-08	1.18E-09	1.90E-02	1.07E-03	1.62E-03	5.75E-02	1.98E-04	3.97E-02	2.95E+00	0.00E+00	4.56E-09	4.95E-09	6.53E-04	1.13E-05	3.73E-01	0.00E+00	2.95E+00	5.80E-09	2.95E+00	3.33E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	8.50E-03
GD102A	5.58E-05	2.68E-02	3.71E-03	2.30E-02	0.00E+00	0.00E+00	2.36E-01	2.58E-07	2.24E-05	1.48E-04	0.00E+00	4.05E-04	1.76E-09	5.48E-11	3.53E-03	4.26E-05	3.09E-03	1.97E-03	4.18E-05	1.01E-02	1.76E-01	0.00E+00	2.22E-10	3.14E-10	3.42E-05	1.03E-06	2.40E-02	0.00E+00	1.76E-01	4.72E-10	1.76E-01	2.00E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
GD102B	7.11E-05	3.55E-02	5.36E-03	3.02E-02	0.00E+00	0.00E+00	3.39E-01	3.56E-07	3.18E-05	2.07E-04	0.00E+00	5.78E-04	2.55E-09	7.77E-11	4.59E-03	6.16E-05	3.68E-03	1.97E-03	5.42E-05	1.30E-02	2.43E-01	0.00E+00	3.13E-10	4.32E-10	4.79E-05	1.38E-06	3.31E-02	0.00E+00	2.43E-01	6.37E-10	2.43E-01	2.76E-01	3.31E-02	0.00E+00	0.00E+00	0.00E+00	2.33E-03
GD102E	5.58E-05	2.68E-02	3.71E-03	2.30E-02	0.00E+00	0.00E+00	2.36E-01	2.58E-07	2.24E-05	1.48E-04	0.00E+00	4.05E-04	1.76E-09	5.48E-11	3.53E-03	4.26E-05	3.09E-03	1.97E-03	4.18E-05	1.01E-02	1.76E-01	0.00E+00	2.22E-10	3.14E-10	3.42E-05	1.03E-06	2.40E-02	0.00E+00	1.76E-01	4.72E-10	1.76E-01	2.00E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
GD102N	5.58E-05	2.68E-02	3.71E-03	2.30E-02	0.00E+00	0.00E+00	2.36E-01	2.58E-07	2.24E-05	1.48E-04	0.00E+00	4.05E-04	1.76E-09	5.48E-11	3.53E-03	4.26E-05	3.09E-03	1.97E-03	4.18E-05	1.01E-02	1.76E-01	0.00E+00	2.22E-10	3.14E-10	3.42E-05	1.03E-06	2.40E-02	0.00E+00	1.76E-01	4.72E-10	1.76E-01	2.00E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
GD102T	6.17E-06	4.77E-03	4.18E-04	4.36E-03	0.00E+00	0.00E+00	2.80E-02	3.89E-08	2.82E-06	2.06E-05	0.00E+00	4.93E-05	1.98E-10	7.00E-12	6.84E-04	4.79E-06	1.07E-03	1.35E-03	8.22E-06	2.01E-03	2.58E-02	0.00E+00	2.91E-11	4.74E-11	4.70E-06	1.75E-07	3.66E-03	0.00E+00	2.58E-02	7.81E-11	2.58E-02	2.95E-02	3.66E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
GD104E	9.40E-05	4.67E-02	7.12E-03	3.96E-02	0.00E+00	0.00E+00	4.49E-01	4.70E-07	4.22E-05	2.73E-04	0.00E+00	7.67E-04	3.38E-09	1.03E-10	6.02E-03	8.18E-05	4.77E-03	2.49E-03	7.11E-05	1.70E-02	3.21E-01	0.00E+00	4.14E-10	5.70E-10	6.34E-05	1.81E-06	4.36E-02	0.00E+00	3.21E-01	8.40E-10	3.21E-01	3.65E-01	4.36E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-03

GD104T	2.10E-05	9.47E-03	1.71E-03	7.76E-03	0.00E+00	0.00E+00	1.07E-01	1.03E-07	9.85E-06	6.17E-05	0.00E+00	1.81E-04	8.13E-10	2.39E-11	1.16E-03	1.97E-05	1.28E-03	1.12E-03	1.36E-05	3.21E-03	7.12E-02	0.00E+00	9.54E-11	1.25E-10	1.44E-05	3.76E-07	9.54E-03	0.00E+00	7.12E-02	1.77E-10	7.12E-02	8.08E-02	9.54E-03	0.00E+00	0.00E+00	0.00E+00	5.83E-04
GD106A	1.31E-04	6.35E-02	1.01E-02	5.34E-02	0.00E+00	0.00E+00	6.35E-01	6.52E-07	5.94E-05	3.81E-04	0.00E+00	1.08E-03	4.80E-09	1.45E-10	8.09E-03	1.16E-04	6.06E-03	2.76E-03	9.52E-05	2.28E-02	4.46E-01	0.00E+00	5.81E-10	7.90E-10	8.87E-05	2.47E-06	6.04E-02	0.00E+00	4.46E-01	1.15E-09	4.46E-01	5.07E-01	6.04E-02	0.00E+00	0.00E+00	0.00E+00	4.09E-03
GD106B	1.98E-04	9.34E-02	1.57E-02	7.76E-02	0.00E+00	0.00E+00	9.84E-01	9.83E-07	9.15E-05	5.81E-04	0.00E+00	1.67E-03	7.47E-09	2.23E-10	1.17E-02	1.81E-04	8.05E-03	2.76E-03	1.37E-04	3.27E-02	6.76E-01	0.00E+00	8.92E-10	1.19E-09	1.35E-04	3.67E-06	9.10E-02	0.00E+00	6.76E-01	1.72E-09	6.76E-01	7.67E-01	9.10E-02	0.00E+00	0.00E+00	0.00E+00	5.89E-03
GD106E	1.31E-04	6.35E-02	1.01E-02	5.34E-02	0.00E+00	0.00E+00	6.35E-01	6.52E-07	5.94E-05	3.81E-04	0.00E+00	1.08E-03	4.80E-09	1.45E-10	8.09E-03	1.16E-04	6.06E-03	2.76E-03	9.52E-05	2.28E-02	4.46E-01	0.00E+00	5.81E-10	7.90E-10	8.87E-05	2.47E-06	6.04E-02	0.00E+00	4.46E-01	1.15E-09	4.46E-01	5.07E-01	6.04E-02	0.00E+00	0.00E+00	0.00E+00	4.09E-03
GD106N	1.31E-04	6.35E-02	1.01E-02	5.34E-02	0.00E+00	0.00E+00	6.35E-01	6.52E-07	5.94E-05	3.81E-04	0.00E+00	1.08E-03	4.80E-09	1.45E-10	8.09E-03	1.16E-04	6.06E-03	2.76E-03	9.52E-05	2.28E-02	4.46E-01	0.00E+00	5.81E-10	7.90E-10	8.87E-05	2.47E-06	6.04E-02	0.00E+00	4.46E-01	1.15E-09	4.46E-01	5.07E-01	6.04E-02	0.00E+00	0.00E+00	0.00E+00	4.09E-03
GD106Y	3.62E-05	1.58E-02	3.04E-03	1.28E-02	0.00E+00	0.00E+00	1.88E-01	1.78E-07	1.73E-05	1.07E-04	0.00E+00	3.18E-04	1.44E-09	4.20E-11	1.90E-03	3.49E-05	1.57E-03	9.61E-04	2.21E-05	5.22E-03	1.23E-01	0.00E+00	1.67E-10	2.15E-10	2.51E-05	6.33E-07	1.64E-02	0.00E+00	1.23E-01	3.00E-10	1.23E-01	1.39E-01	1.64E-02	0.00E+00	0.00E+00	0.00E+00	9.50E-04
GD108A	1.95E-04	8.73E-02	1.61E-02	7.12E-02	0.00E+00	0.00E+00	1.00E+00	9.61E-07	9.24E-05	5.77E-04	0.00E+00	1.70E-03	7.65E-09	2.25E-10	1.06E-02	1.85E-04	6.15E-03	4.92E-04	1.24E-04	2.93E-02	6.64E-01	0.00E+00	8.94E-10	1.16E-09	1.35E-04	3.47E-06	8.88E-02	0.00E+00	6.64E-01	1.64E-09	6.64E-01	7.53E-01	8.88E-02	0.00E+00	0.00E+00	0.00E+00	5.33E-03
GD108E	1.95E-04	8.73E-02	1.61E-02	7.12E-02	0.00E+00	0.00E+00	1.00E+00	9.61E-07	9.24E-05	5.77E-04	0.00E+00	1.70E-03	7.65E-09	2.25E-10	1.06E-02	1.85E-04	6.15E-03	4.92E-04	1.24E-04	2.93E-02	6.64E-01	0.00E+00	8.94E-10	1.16E-09	1.35E-04	3.47E-06	8.88E-02	0.00E+00	6.64E-01	1.64E-09	6.64E-01	7.53E-01	8.88E-02	0.00E+00	0.00E+00	0.00E+00	5.33E-03
GD108N	1.95E-04	8.73E-02	1.61E-02	7.12E-02	0.00E+00	0.00E+00	1.00E+00	9.61E-07	9.24E-05	5.77E-04	0.00E+00	1.70E-03	7.65E-09	2.25E-10	1.06E-02	1.85E-04	6.15E-03	4.92E-04	1.24E-04	2.93E-02	6.64E-01	0.00E+00	8.94E-10	1.16E-09	1.35E-04	3.47E-06	8.88E-02	0.00E+00	6.64E-01	1.64E-09	6.64E-01	7.53E-01	8.88E-02	0.00E+00	0.00E+00	0.00E+00	5.33E-03
GD110A	2.52E-04	1.13E-01	2.09E-02	9.18E-02	0.00E+00	0.00E+00	1.30E+00	1.24E-06	1.20E-04	7.46E-04	0.00E+00	2.20E-03	9.92E-09	2.91E-10	1.37E-02	2.40E-04	7.84E-03	4.92E-04	1.60E-04	3.78E-02	8.60E-01	0.00E+00	1.16E-09	1.51E-09	1.74E-04	4.49E-06	1.15E-01	0.00E+00	8.60E-01	2.12E-09	8.60E-01	9.74E-01	1.15E-01	0.00E+00	0.00E+00	0.00E+00	6.86E-03
GD110E	2.52E-04	1.13E-01	2.09E-02	9.18E-02	0.00E+00	0.00E+00	1.30E+00	1.24E-06	1.20E-04	7.46E-04	0.00E+00	2.20E-03	9.92E-09	2.91E-10	1.37E-02	2.40E-04	7.84E-03	4.92E-04	1.60E-04	3.78E-02	8.60E-01	0.00E+00	1.16E-09	1.51E-09	1.74E-04	4.49E-06	1.15E-01	0.00E+00	8.60E-01	2.12E-09	8.60E-01	9.74E-01	1.15E-01	0.00E+00	0.00E+00	0.00E+00	6.86E-03
GD110N	2.52E-04	1.13E-01	2.09E-02	9.18E-02	0.00E+00	0.00E+00	1.30E+00	1.24E-06	1.20E-04	7.46E-04	0.00E+00	2.20E-03	9.92E-09	2.91E-10	1.37E-02	2.40E-04	7.84E-03	4.92E-04	1.60E-04	3.78E-02	8.60E-01	0.00E+00	1.16E-09	1.51E-09	1.74E-04	4.49E-06	1.15E-01	0.00E+00	8.60E-01	2.12E-09	8.60E-01	9.74E-01	1.15E-01	0.00E+00	0.00E+00	0.00E+00	6.86E-03
GD113A	6.54E-04	2.90E-01	5.46E-02	2.36E-01	0.00E+00	0.00E+00	3.39E+00	3.23E-06	3.12E-04	1.94E-03	0.00E+00	5.74E-03	2.60E-08	7.59E-10	3.50E-02	6.28E-04	1.94E-02	0.00E+00	4.09E-04	9.65E-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	1.75E-02
GD113D	6.37E-05	2.00E-03	8.32E-03	1.03E-02	0.00E+00	0.00E+00	4.79E-01	2.33E-07	3.97E-05	1.91E-04	0.00E+00	7.75E-04	3.95E-09	9.38E-11	2.19E-03	9.56E-05	2.67E-03	4.61E-04	2.99E-05	8.36E-03	1.82E-01	0.00E+00	3.50E-10	2.77E-10	4.67E-05	1.94E-07	2.03E-02	0.00E+00	1.82E-01	1.79E-10	1.82E-01	2.02E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
GD113F	1.23E-04	3.56E-02	8.88E-03	2.67E-02	0.00E+00	0.00E+00	5.42E-01	4.60E-07	4.88E-05	2.89E-04	0.00E+00	9.08E-04	4.22E-09	1.18E-10	3.81E-03	1.02E-04	3.61E-03	2.86E-03	4.33E-05	9.91E-03	3.23E-01	0.00E+00	4.63E-10	5.56E-10	6.82E-05	1.49E-06	4.21E-02	0.00E+00	3.23E-01	7.26E-10	3.23E-01	3.65E-01	4.21E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
GD113H	1.34E-04	3.19E-02	1.44E-02	1.75E-02	0.00E+00	0.00E+00	8.56E-01	6.00E-07	7.45E-05	4.09E-04	0.00E+00	1.41E-03	6.83E-09	1.79E-10	1.98E-03	1.65E-04	6.55E-04	7.10E-04	1.88E-05	3.19E-03	4.35E-01	0.00E+00	6.88E-10	7.22E-10	9.78E-05	1.53E-06	5.42E-02	0.00E+00	4.35E-01	8.10E-10	4.35E-01	4.89E-01	5.42E-02	0.00E+00	0.00E+00	0.00E+00	8.06E-04
GD113J	3.88E-05	7.29E-05	3.32E-03	3.25E-03	0.00E+00	0.00E+00	1.92E-01	9.79E-08	1.60E-05	7.81E-05	0.00E+00	3.12E-04	1.58E-09	3.79E-11	7.31E-04	3.82E-05	3.49E-04	1.75E-03	1.02E-05	2.91E-03	7.57E-02	0.00E+00	1.42E-10	1.17E-10	1.91E-05	1.07E-07	8.59E-03	0.00E+00	7.57E-02	8.39E-11	7.57E-02	8.43E-02	8.59E-03	0.00E+00	0.00E+00	0.00E+00	4.39E-04
GD113M	4.17E-05	1.43E-03	3.56E-03	2.13E-03	0.00E+00	0.00E+00	2.07E-01	1.12E-07	1.74E-05	8.68E-05	0.00E+00	3.37E-04	1.69E-09	4.12E-11	5.63E-04	4.09E-05	4.43E-04	1.74E-03	8.24E-06	2.44E-03	8.57E-02	0.00E+00	1.55E-10	1.34E-10	2.11E-05	1.61E-07	9.94E-03	0.00E+00	8.57E-02	1.09E-10	8.57E-02	9.57E-02	9.94E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04
GD113S	6.58E-04	2.92E-01	5.50E-02	2.37E-01	0.00E+00	0.00E+00	3.41E+00	3.24E-06	3.14E-04	1.95E-03	0.00E+00	5.77E-03	2.61E-08	7.63E-10	3.53E-02	6.31E-04	1.95E-02	0.00E+00	4.11E-04	9.71E-02	2.25E+00	0.00E+00	3.04E-09	3.93E-09	4.56E-04	1.16E-05	3.00E-01	0.00E+00	2.25E+00	5.51E-09	2.25E+00	2.55E+00	3.00E-01	0.00E+00	0.00E+00	0.00E+00	1.77E-02
GD113U	4.88E-04	2.04E-01	3.82E-02	1.66E-01	0.00E+00	0.00E+00	2.37E+00	2.26E-06	2.18E-04	1.36E-03	0.00E+00	4.01E-03	1.81E-08	5.30E-10	2.47E-02	4.38E-04	1.54E-02	1.69E-03	2.88E-04	6.80E-02	1.56E+00	0.00E+00	2.11E-09	2.74E-09	3.17E-04	8.12E-06	2.09E-01	0.00E+00	1.56E+00	3.84E-09	1.56E+00	1.77E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
GD118A	5.13E-04	2.28E-01	4.28E-02	1.85E-01	0.00E+00	0.00E+00	2.66E+00	2.53E-06	2.45E-04	1.52E-03	0.00E+00	4.50E-03	2.04E-08	5.95E-10	2.75E-02	4.92E-04	1.52E-02	0.00E+00	3.20E-04	7.57E-02	1.75E+00	0.00E+00	2.37E-09	3.06E-09	3.56E-04	9.08E-06	2.34E-01	0.00E+00	1.75E+00	4.29E-09	1.75E+00	1.98E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
GD118M	5.80E-04	2.57E-01	4.75E-02	2.09E-01	0.00E+00	0.00E+00	2.95E+00	2.83E-06	2.72E-04	1.70E-03	0.00E+00	4.99E-03	2.25E-08	6.61E-10	3.12E-02	5.45E-04	1.76E-02	2.21E-03	3.64E-04	8.62E-02	1.96E+00	0.00E+00	2.63E-09	3.43E-09	3.96E-04	1.02E-05	2.61E-01	0.00E+00	1.96E+00	4.82E-09	1.96E+00	2.22E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	1.56E-02
GD118S	5.19E-04	2.30E-01	4.33E-02	1.87E-01	0.00E+00	0.00E+00	2.69E+00	2.56E-06	2.48E-04	1.54E-03	0.00E+00	4.55E-03	2.06E-08	6.01E-10	2.78E-02	4.98E-04	1.53E-02	0.00E+00	3.24E-04	7.65E-02	1.77E+00	0.00E+00	2.39E-09	3.10E-09	3.60E-04	9.18E-06	2.36E-01	0.00E+00	1.77E+00	4.34E-09	1.77E+00	2.01E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	1.39E-02
GD213B	7.87E-04	3.25E-01	6.04E-02	2.65E-01	0.00E+00	0.00E+00	3.75E+00	3.59E-06	3.46E-04	2.16E-03	0.00E+00	6.35E-03	2.87E-08	8.40E-10	3.95E-02	6.94E-04	2.25E-02	1.27E-03	4.61E-04	1.09E-01	2.48E+00	0.00E+00	3.35E-09	4.35E-09	5.04E-04	1.29E-05	3.32E-01	0.00E+00	2.48E+00	6.12E-09	2.48E+00	2.81E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
GD213D	1.86E-04	6.09E-02	1.81E-02	4.27E-02	0.00E+00	0.00E+00	1.10E+00	8.72E-07	9.75E-05	5.63E-04	0.00E+00	1.83E-03	8.61E-09	2.35E-10	5.86E-03	2.08E-04	2.14E-03	8.29E-04	6.50E-05	1.43E-02	6.19E-01	0.00E+00	9.17E-10	1.05E-09	1.33E-04	2.64E-06	7.96E-02	0.00E+00	6.19E-01	1.31E-09	6.19E-01	6.99E-01	7.96E-02	0.00E+00	0.00E+00	0.00E+00	2.79E-03
GD213F	1.65E-04	6.04E-02	1.23E-02	4.81E-02	0.00E+00	0.00E+00	7.59E-01	6.98E-07	6.94E-05	4.25E-04	0.00E+00	1.28E-03	5.84E-09	1.68E-10	7.08E-03	1.41E-04	4.99E-03	1.68E-03	8.21E-05	1.93E-02	4.85E-01	0.00E+00	6.67E-10	8.45E-10	9.97E-05	2.44E-06	6.43E-02	0.00E+00	4.85E-01	1.16E-09	4.85E-01	5.50E-01	6.43E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03
GD213H	5.23E-04	2.17E-01	4.54E-02	1.71E-01	0.00E+00	0.00E+00	2.80E+00	2.55E-06	2.56E-04	1.56E-03	0.00E+00	4.72E-03	2.16E-08	6.19E-10	2.52E-02	5.22E-04	1.28E-02	1.91E-03	2.91E-04	6.80E-02	1.77E+00	0.00E+00	2.45E-09	3.08E-09	3.66E-04	8.79E-06	2.34E-01	0.00E+00	1.77E+00	4.21E-09	1.77E+00	2.01E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	1.25E-02
GD213J	1.45E-04	5.48E-02	1.17E-02	4.31E-02	0.00E+00	0.00E+00	7.19E-01	6.49E-07	6.55E-05	3.98E-04	0.00E+00	1.21E-03	5.54E-09	1.59E-10	6.32E-03	1.34E-04	4.66E-03	1.40E-03	7.30E-05	1.70E-02	4.52E-01	0.00E+00	6.28E-10	7.85E-10	9.34E-05	2.23E-06	5.97E-02	0.00E+00	4.52E-01	1.07E-09	4.52E-01	5.12E-01	5.97E-02	0.00E+00	0.00E+00	0.00E+00	3.13E-03
GD213M	1.73E-04	6.82E-02	1.44E-02	5.39E-02	0.00E+00	0.00E+00	8.85E-01	8.03E-07	8.07E-05	4.92E-04	0.00E+00	1.49E-03	6.82E-09	1.95E-10	7.91E-03	1.65E-04	5.05E-03	5.16E-04	9.14E-05	2.14E-02	5.59E-01	0.00E+00	7.74E-10	9.71E-10	1.15E-04	2.77E-06	7.39E-02	0.00E+00	5.59E-01	1.33E-09	5.59E-01	6.33E-01	7.39E-02	0.00E+00	0.00E+00	0.00E+00	3.93E-03
GD213U	5.93E-04	2.57E-01	4.65E-02	2.11E-01	0.00E+00	0.00E+00	2.90E+00	2.80E-06	2.68E-04	1.68E-03	0.00E+00	4.91E-03	2.21E-08	6.51E-10	3.15E-02	5.35E-04	1.89E-02	3.56E-04	3.68E-04	8.72E-02	1.94E+00	0.00E+00	2.59E-09	3.40E-09	3.91E-04	1.02E-05	2.59E-01	0.00E+00	1.94E+00	4.81E-09	1.94E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
GD218A	6.23E-04	2.76E-01	5.20E-02	2.24E-01	0.00E+00	0.00E+00	3.23E+00	3.07E-06	2.97E-04	1.85E-03	0.00E+00	5.46E-03	2.47E-08	7.22E-10	3.33E-02	5.97E-04	1.84E-02	0.00E+00	3.89E-04	9.18E-02	2.12E+00	0.00E+00	2.87E-09	3.72E-09	4.32E-04	1.10E-05	2.83E-01	0.00E+00	2.12E+00	5.21E-09	2.12E+00	2.41E+00	2.83E-01	0.00E+00	0.00E+00	0.00E+00	1.67E-02
GD218B	6.28E-04	2.81E-01	5.20E-02	2.29E-01	0.00E+00	0.00E+00	3.24E+00	3.10E-06	2.98E-04	1.86E-03	0.00E+00	5.47E-03	2.47E-08	7.24E-10	3.41E-02	5.98E-04	1.96E-02	1.27E-03	3.98E-04	9.42E-02	2.14E+00	0.00E+00	2.88E-09	3.75E-09	4.34E-04	1.12E-05	2.86E-01	0.00E+00	2.14E+00	5.28E-09	2.14E+00	2.43E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.71E-02
GD218M	7.03E-04	3.11E-01	5.76E-02	2.53E-01	0.00E+00	0.00E+00	3.58E+00	3.43E-06	3.30E-04	2.06E-03	0.00E+00	6.06E-03	2.73E-08	8.02E-10	3.77E-02	6.61E-04	2.09E-02	2.56E-03	4.41E-04	1.04E-01	2.37E+00	0.00E+00	3.19E-09	4.15E-09	4.81E-04	1.24E-05	3.17E-01	0.00E+00	2.37E+00	5.84E-09	2.37E+00	2.69E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	1.89E-02
GD218S	6.27E-04	2.78E-01	5.23E-02	2.26E-01	0.00E+00	0.00E+00	3.25E+00	3.09E-06	2.99E-04	1.86E-03	0.00E+00	5.50E-03	2.49E-08	7.27E-10	3.36E-02	6.01E-04	1.85E-02	0.00E+00	3.91E-04	9.24E-02	2.14E+00	0.00E+00	2.89E-09	3.74E-09	4.35E-04	1.11E-05	2.85E-01	0.00E+00	2.14E+00	5.25E-09	2.14E+00	2.42E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	1.68E-02
GD218SMB	4.74E-05	1.18E-03	6.54E-04	5.29E-04	0.00E+00	0.00E+00	3.87E-02	2.58E-08	3.35E-06	1.80E-05	0.00E+00	6.38E-05	3.11E-10	8.00E-12	4.65E-05	7.51E-06	4.42E-03	2.74E-01	3.24E-07	1.18E-05	1.89E-02	0.00E+00	3.07E-11	3.10E-11	4.32E-06	6.08E-08	2.32E-03	0.00E+00	1.89E-02	3.31E-11	1.89E-02	2.12E-02	2.32E-03	0.00E+00	0.00E+00	0.00E+00	1.39E-05
GD313A	7.33E-04	3.00E-01	5.66E-02	2.44E-01	0.00E+00	0.00E+00	3.51E+00	3.34E-06	3.23E-04	2.01E-03	0.00E+00	5.94E-03	2.69E-08	7.85E-10	3.63E-02	6.50E-04	2.00E-02	0.00E+00	4.23E-04	9.99E-02	2.31E+00	0.00E+00	3.12E-09	4.05E-09	4.70E-04	1.20E-05	3.08E-01	0.00E+00	2.31E+00	5.67E-09	2.31E+00	2.62E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	1.82E-02
GD313B	7.30E-04	3.02E-01	5.60E-02	2.46E-01	0.00E+00	0.00E+00	3.48E+00	3.33E-06	3.21E-04	2.00E-03	0.00E+00	5.89E-03	2.66E-08	7.79E-10	3.66E-02	6.43E-04	2.10E-02	1.27E-03	4.28E-04	1.01E-01	2.30E+00	0.00E+00	3.10E-09	4.03E-09	4.67E-04	1.20E-05	3.08E-01	0.00E+00	2.30E+00	5.67E-09	2.30E+00	2.61E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	1.84E-02
GD313D	1.45E-04	3.89E-02	1.50E-02	2.39E-02	0.00E+00	0.00E+00	8.97E-01	6.57E-07	7.87E-05	4.40E-04	0.00E+00	1.49E-03	7.11E-09	1.89E-10	2.98E-03	1.72E-04	2.54E-04	4.90E-04	3.09E-05	6.15E-03	4.73E-01	0.00E+00	7.31E-10	7.91E-10	1.05E-04	1.79E-06	5.96E-02	0.00E+00	4.73E-01	9.25E-10	4.73E-01	5.33E-01	5.96E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
GD313F	1.16E-04	3.31E-02	7.83E-03	2.53E-02	0.00E+00	0.00E+00	4.79E-01	4.15E-07	4.33E-05	2.59E-04	0.00E+00	8.04E-04	3.72E-09	1.05E-10	3.64E-03	8.99E-05	2.82E-03	1.63E-03	4.17E-05	9.61E-03	2.91E-01	0.00E+00	4.12E-10	5.02E-10	6.09E-05	1.37E-06	3.81E-02	0.00E+00	2.91E-01	6.65E-10	2.91E-01	3.29E-01	3.81E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
GD313G	6.65E-04	2.95E-01	5.55E-02	2.39E-01	0.00E+00	0.00E+00	3.45E+00	3.28E-06	3.17E-04	1.97E-03	0.00E+00	5.83E-03	2.64E-08	7.71E-10	3.56E-02	6.38E-04	1.97E-02	0.00E+00	4.15E-04	9.80E-02	2.27E+00	0.00E+00	3.07E-09	3.97E-09	4.61E-04	1.18E-05	3.03E-01	0.00E+00	2.27E+00	5.56E-09	2.27E+00	2.57E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	1.78E-02
GD313H	2.75E-04	9.99E-02	2.57E-02	7.42E-02	0.00E+00	0.00E+00	1.57E+00	1.31E-06	1.41E-04	8.30E-04	0.00E+00	2.62E-03	1.22E-08	3.40E-10	1.05E-02	2.96E-04	4.30E-03	9.17E-04	1.19E-04	2.71E-02	9.25E-01	0.00E+00	1.33E-09	1.59E-09	1.96E-04	4.20E-06	1.20E-01	0.00E+00	9.25E-01	2.06E-09	9.25E-01	1.05E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	5.12E-03
GD313J	1.18E-04	3.96E-02	9.71E-03	2.99E-02	0.00E+00	0.00E+00	5.93E-01	5.06E-07	5.35E-05	3.18E-04	0.00E+00	9.94E-04	4.61E-09	1.29E-10	4.28E-03	1.12E-04	3.26E-03	1.70E-03	4.88E-05	1.12E-02	3.56E-01	0.00E+00	5.08E-10	6.12E-10	7.49E-05	1.65E-06	4.65E-02	0.00E+00	3.56E-01	8.04E-10	3.56E-01	4.02E-01	4.65E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
GD313M	9.89E-05	3.13E-02	8.61E-03	2.27E-02	0.00E+00	0.00E+00	5.23E-01	4.28E-07	4.68E-05	2.73E-04	0.00E+00	8.74E-04	4.09E-09	1.13E-10	3.18E-03	9.90E-05	2.08E-03	9.22E-04	3.57E-05	8.02E-03	3.03E-01	0.00E+00	4.42E-10	5.17E-10	6.46E-05	1.34E-06	3.91E-02	0.00E+00	3.03E-01	6.59E-10	3.03E-01	3.42E-01	3.91E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
GD313S	6.68E-04	2.96E-01	5.58E-02	2.41E-01	0.00E+00	0.00E+00	3.47E+00	3.29E-06	3.19E-04	1.98E-03	0.00E+00	5.86E-03	2.65E-08	7.75E-10	3.58E-02	6.41E-04	1.98E-02	0.00E+00	4.17E-04	9.85E-02	2.28E+00	0.00E+00	3.08E-09	3.99E-09	4.63E-04	1.18E-05	3.04E-01	0.00E+00	2.28E+00	5.59E-09	2.28E+00	2.58E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
GD313U	8.63E-04	3.76E-01	6.77E-02	3.09E-01	0.00E+00	0.00E+00	4.22E+00	4.09E-06	3.90E-04	2.44E-03	0.00E+00	7.14E-03	3.21E-08	9.47E-10	4.62E-02	7.77E-04	2.70E-02	7.08E-04	5.40E-04	1.28E-01	2.82E+00	0.00E+00	3.78E-09	4.96E-09	5.70E-04	1.49E-05	3.78E-01	0.00E+00	2.82E+00	7.02E-09	2.82E+00	3.20E+00	3.78E-01	0.00E+00	0.00E+00	0.00E+00	2.32E-02
GD318A	8.28E-04	3.67E-01	6.92E-02	2.98E-01	0.00E+00	0.00E+00	4.29E+00	4.08E-06	3.95E-04	2.46E-03	0.00E+00	7.26E-03	3.28E-08	9.60E-10	4.43E-02	7.94E-04	2.45E-02	0.00E+00	5.17E-04	1.22E-01	2.83E+00	0.00E+00	3.82E-09	4.94E-09	5.74E-04	1.46E-05	3.77E-01	0.00E+00	2.83E+00	6.93E-09	2.83E+00	3.20E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	2.22E-02
GD318B	9.01E-04	3.72E-01	6.92E-02	3.03E-01	0.00E+00	0.00E+00	4.30E+00	4.11E-06	3.96E-04	2.47E-03	0.00E+00	7.28E-03	3.29E-08	9.63E-10	4.51E-02	7.95E-04	2.57E-02	1.27E-03	5.27E-04	1.24E-01	2.84E+00	0.00E+00	3.83E-09	4.98E-09	5.77E-04	1.48E-05	3.80E-01	0.00E+00	2.84E+00	7.00E-09	2.84E+00	3.22E+00	3.80E-01	0.00E+00	0.00E+00	0.00E+00	2.26E-02
GD318M	9.22E-04	4.05E-01	7.53E-02	3.30E-01	0.00E+00	0.00E+00	4.68E+00	4.48E-06	4.31E-04	2.69E-03	0.00E+00	7.92E-03	3.58E-08	1.05E-09	4.92E-02	8.65E-04	2.70E-02	2.74E-03	5.74E-04	1.36E-01	3.10E+00	0.00E+00	4.17E-09	5.42E-09	6.28E-04	1.61E-05	4.13E-01	0.00E+00	3.10E+00	7.62E-09	3.10E+00	3.51E+00	4.13E-01	0.00E+00	0.00E+00	0.00E+00	2.46E-02
GD318S	8.27E-04	3.67E-01	6.91E-02	2.98E-01	0.00E+00	0.00E+00	4.29E+00	4.08E-06	3.95E-04	2.45E-03	0.00E+00	7.25E-03	3.28E-08	9.59E-10	4.43E-02	7.94E-04	2.45E-02	0.00E+00	5.17E-04	1.22E-01	2.82E+00	0.00E+00	3.81E-09	4.94E-09	5.74E-04	1.46E-05	3.77E-01	0.00E+00	2.82E+00	6.92E-09	2.82E+00	3.20E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	2.22E-02
GD413B	1.05E-03	4.33E-01	8.06E-02	3.52E-01	0.00E+00	0.00E+00	5.01E+00	4.79E-06	4.62E-04	2.88E-03	0.00E+00	8.48E-03	3.83E-08	1.12E-09	5.25E-02	9.26E-04	2.97E-02	1.27E-03	6.12E-04	1.45E-01	3.31E+00	0.00E+00	4.46E-09	5.80E-09	6.72E-04	1.72E-05	4.42E-01	0.00E+00	3.31E+00	8.15E-09	3.31E+00	3.75E+00	4.42E-01	0.00E+00	0.00E+00	0.00E+00	2.63E-02
GD413D	6.49E-04	2.69E-01	5.59E-02	2.13E-01	0.00E+00	0.00E+00	3.45E+00	3.15E-06	3.15E-04	1.92E-03	0.00E+00	5.81E-03	2.66E-08	7.63E-10	3.13E-02	6.43E-04	1.60E-02	1.74E-03	3.63E-04	8.49E-02	2.19E+00	0.00E+00	3.02E-09	3.81E-09	4.51E-04	1.09E-05	2.90E-01	0.00E+00	2.19E+00	5.21E-09	2.19E+00	2.48E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	1.56E-02
GD413F	9.52E-05	1.93E-02	6.06E-03	1.32E-02	0.00E+00	0.00E+00	3.66E-01	2.86E-07	3.25E-05	1.86E-04	0.00E+00	6.09E-04	2.88E-09	7.81E-11	1.79E-03	6.97E-05	1.26E-03	1.69E-03	1.96E-05	4.27E-03	2.04E-01	0.00E+00	3.04E-10	3.45E-10	4.41E-05	8.47E-07	2.61E-02	0.00E+00	2.04E-01	4.25E-10	2.04E-01	2.30E-01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	8.42E-04
GD413J	1.39E-04	4.61E-02	1.15E-02	3.46E-02	0.00E+00	0.00E+00	7.03E-01	5.96E-07	6.33E-05	3.75E-04	0.00E+00	1.18E-03	5.47E-09	1.53E-10	4.94E-03	1.32E-04	3.41E-03	1.87E-03	5.61E-05	1.28E-02	4.19E-01	0.00E+00	6.01E-10	7.20E-10	8.84E-05	1.93E-06	5.47E-02	0.00E+00	4.19E-01	9.41E-10	4.19E-01	4.74E-01	5.47E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
GD413M	1.23E-04	3.92E-02	1.07E-02	2.86E-02	0.00E+00	0.00E+00	6.48E-01	5.32E-07	5.80E-05	3.39E-04	0.00E+00	1.08E-03	5.07E-09	1.40E-10	4.00E-03	1.23E-04	2.29E-03	1.05E-03	4.50E-05	1.01E-02	3.76E-01	0.00E+00	5.48E-10	6.43E-10	8.02E-05	1.67E-06	4.87E-02	0.00E+00	3.76E-01	8.22E-10	3.76E-01	4.25E-01	4.87E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03
GD413U	8.39E-04	3.61E-01	6.56E-02	2.96E-01	0.00E+00	0.00E+00	4.09E+00	3.95E-06	3.77E-04	2.36E-03	0.00E+00	6.92E-03	3.12E-08	9.17E-10	4.42E-02	7.54E-04	2.53E-02	6.18E-04	5.16E-04	1.22E-01	2.73E+00	0.00E+00	3.66E-09	4.78E-09	5.51E-04	1.43E-05	3.65E-01	0.00E+00	2.73E+00	6.76E-09	2.73E+00	3.09E+00	3.65E-01	0.00E+00	0.00E+00	0.00E+00	2.22E-02
GD418A	9.53E-04	4.23E-01	7.96E-02	3.43E-01	0.00E+00	0.00E+00	4.94E+00	4.70E-06	4.55E-04	2.83E-03	0.00E+00	8.35E-03	3.78E-08	1.10E-09	5.10E-02	9.14E-04	2.82E-02	0.00E+00	5.95E-04	1.41E-01	3.25E+00	0.00E+00	4.39E-09	5.69E-09	6.61E-04	1.69E-05	4.34E-01	0.00E+00	3.25E+00	7.97E-09	3.25E+00	3.68E+00	4.34E-01	0.00E+00	0.00E+00	0.00E+00	2.55E-02
GD418B	9.68E-04	4.32E-01	8.04E-02	3.51E-01	0.00E+00	0.00E+00	5.00E+00	4.77E-06	4.61E-04	2.87E-03	0.00E+00	8.46E-03	3.82E-08	1.12E-09	5.23E-02	9.24E-04	2.96E-02	1.27E-03	6.11E-04	1.44E-01	3.30E+00	0.00E+00	4.45E-09	5.78E-09	6.70E-04	1.72E-05	4.41E-01	0.00E+00	3.30E+00	8.13E-09	3.30E+00	3.74E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	2.62E-02
GD418M	1.08E-03	4.73E-01	8.79E-02	3.85E-01	0.00E+00	0.00E+00	5.47E+00	5.22E-06	5.04E-04	3.14E-03	0.00E+00	9.25E-03	4.18E-08	1.22E-09	5.73E-02	1.01E-03	3.13E-02	3.04E-03	6.69E-04	1.58E-01	3.61E+00	0.00E+00	4.87E-09	6.33E-09	7.33E-04	1.88E-05	4.82E-01	0.00E+00	3.61E+00	8.89E-09	3.61E+00	4.10E+00	4.82E-01	0.00E+00	0.00E+00	0.00E+00	2.87E-02
GD418S	1.03E-03	4.23E-01	7.96E-02	3.43E-01	0.00E+00	0.00E+00	4.94E+00	4.70E-06	4.55E-04	2.83E-03	0.00E+00	8.36E-03	3.78E-08	1.11E-09	5.11E-02	9.15E-04	2.82E-02	0.00E+00	5.95E-04	1.41E-01	3.25E+00	0.00E+00	4.40E-09	5.69E-09	6.61E-04	1.69E-05	4.34E-01	0.00E+00	3.25E+00	7.98E-09	3.25E+00	3.69E+00	4.34E-01	0.00E+00	0.00E+00	0.00E+00	2.56E-02
GD418SMB	1.78E-05	1.94E-02	5.74E-03	1.37E-02	0.00E+00	0.00E+00	3.47E-01	2.77E-07	3.09E-05	1.79E-04	0.00E+00	5.79E-04	2.72E-09	7.44E-11	1.88E-03	6.59E-05	6.19E-04	2.73E-01	2.09E-05	4.63E-03	1.97E-01	0.00E+00	2.91E-10	3.34E-10	4.23E-05	8.41E-07	2.53E-02	0.00E+00	1.97E-01	4.19E-10	1.97E-01	2.22E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	8.98E-04
GL24PP	5.72E-04	2.43E-01	4.63E-02	1.96E-01	0.00E+00	0.00E+00	2.87E+00	2.71E-06	2.64E-04	1.64E-03	0.00E+00	4.85E-03	2.20E-08	6.41E-10	2.92E-02	5.31E-04	1.97E-02	3.92E-03	3.40E-04	8.02E-02	1.88E+00	0.00E+00	2.55E-09	3.29E-09	3.83E-04	9.70E-06	2.51E-01	0.00E+00	1.88E+00	4.59E-09	1.88E+00	2.13E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	1.46E-02
GL24TP	5.19E-04	2.21E-01	4.19E-02	1.79E-01	0.00E+00	0.00E+00	2.60E+00	2.47E-06	2.39E-04	1.49E-03	0.00E+00	4.40E-03	1.99E-08	5.81E-10	2.67E-02	4.81E-04	1.86E-02	3.44E-03	3.11E-04	7.33E-02	1.71E+00	0.00E+00	2.31E-09	2.99E-09	3.47E-04	8.83E-06	2.28E-01	0.00E+00	1.71E+00	4.18E-09	1.71E+00	1.94E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	1.33E-02
GL42PP	9.80E-04	4.76E-01	7.98E-02	3.96E-01	0.00E+00	0.00E+00	5.00E+00	5.00E-06	4.65E-04	2.95E-03	0.00E+00	8.49E-03	3.79E-08	1.13E-09	5.97E-02	9.16E-04	3.78E-02	2.20E-03	7.01E-04	1.67E-01	3.44E+00	0.00E+00	4.53E-09	6.06E-09	6.88E-04	1.87E-05	4.63E-01	0.00E+00	3.44E+00	8.74E-09	3.44E+00	3.90E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	3.01E-02
GL42TP	1.18E-03	5.71E-01	9.56E-02	4.76E-01	0.00E+00	0.00E+00	5.99E+00	6.00E-06	5.57E-04	3.54E-03	0.00E+00	1.02E-02	4.54E-08	1.36E-09	7.17E-02	1.10E-03	4.50E-02	3.60E-03	8.42E-04	2.01E-01	4.12E+00	0.00E+00	5.43E-09	7.27E-09	8.25E-04	2.24E-05	5.56E-01	0.00E+00	4.12E+00	1.05E-08	4.12E+00	4.68E+00	5.56E-01	0.00E+00	0.00E+00	0.00E+00	3.61E-02
GP102P	1.34E-05	6.98E-03	9.66E-04	6.01E-03	0.00E+00	0.00E+00	6.15E-02	6.74E-08	5.84E-06	3.85E-05	0.00E+00	1.05E-04	4.59E-10	1.43E-11	9.21E-04	1.11E-05	8.08E-04	5.17E-04	1.09E-05	2.63E-03	4.58E-02	0.00E+00	5.77E-11	8.18E-11	8.92E-06	2.67E-07	6.27E-03	0.00E+00	4.58E-02	1.23E-10	4.58E-02	5.21E-02	6.27E-03	0.00E+00	0.00E+00	0.00E+00	4.69E-04
GP104T	1.05E-05	8.22E-03	5.41E-04	7.67E-03	0.00E+00	0.00E+00	3.79E-02	6.18E-08	4.00E-06	3.14E-05	0.00E+00	6.81E-05	2.57E-10	1.00E-11	1.22E-03	6.20E-06	1.47E-03	2.07E-03	1.47E-05	3.62E-03	4.04E-02	0.00E+00	4.25E-11	7.54E-11	7.07E-06	2.96E-07	5.84E-03	0.00E+00	4.04E-02	1.30E-10	4.04E-02	4.62E-02	5.84E-03	0.00E+00	0.00E+00	0.00E+00	6.31E-04
GP108T	9.22E-06	7.34E-03	4.25E-04	6.92E-03	0.00E+00	0.00E+00	3.05E-02	5.35E-08	3.29E-06	2.66E-05	0.00E+00	5.54E-05	2.01E-10	8.28E-12	1.10E-03	4.87E-06	1.40E-03	2.05E-03	1.33E-05	3.29E-03	3.47E-02	0.00E+00	3.55E-11	6.53E-11	5.99E-06	2.63E-07	5.07E-03	0.00E+00	3.47E-02	1.15E-10	3.47E-02	3.98E-02	5.07E-03	0.00E+00	0.00E+00	0.00E+00	5.72E-04
GP110T	3.31E-05	1.82E-02	2.34E-03	1.59E-02	0.00E+00	0.00E+00	1.50E-01	1.70E-07	1.43E-05	9.62E-05	0.00E+00	2.58E-04	1.11E-09	3.52E-11	2.45E-03	2.68E-05	2.17E-03	2.11E-03	2.91E-05	7.04E-03	1.15E-01	0.00E+00	1.43E-10	2.07E-10	2.22E-05	6.93E-07	1.59E-02	0.00E+00	1.15E-01	3.17E-10	1.15E-01	1.31E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	1.25E-03
GP111T	1.17E-05	1.22E-04	3.21E-03	3.08E-03	0.00E+00	0.00E+00	1.85E-01	9.48E-08	1.54E-05	7.55E-05	0.00E+00	3.01E-04	1.52E-09	3.66E-11	6.97E-04	3.69E-05	6.70E-05	1.58E-03	9.74E-06	2.78E-03	7.32E-02	0.00E+00	1.37E-10	1.13E-10	1.84E-05	1.05E-07	8.32E-03	0.00E+00	7.32E-02	8.17E-11	7.32E-02	8.15E-02	8.32E-03	0.00E+00	0.00E+00	0.00E+00	4.19E-04
GP112PN	1.04E-03	4.63E-01	8.69E-02	3.76E-01	0.00E+00	0.00E+00	5.40E+00	5.14E-06	4.97E-04	3.09E-03	0.00E+00	9.12E-03	4.13E-08	1.21E-09	5.59E-02	9.98E-04	3.11E-02	3.73E-04	6.52E-04	1.54E-01	3.55E+00	0.00E+00	4.80E-09	6.22E-09	7.22E-04	1.84E-05	4.74E-01	0.00E+00	3.55E+00	8.72E-09	3.55E+00	4.03E+00	4.74E-01	0.00E+00	0.00E+00	0.00E+00	2.80E-02
GP112TN	4.13E-05	1.07E-03	6.08E-03	7.15E-03	0.00E+00	0.00E+00	3.50E-01	1.72E-07	2.91E-05	1.40E-04	0.00E+00	5.67E-04	2.89E-09	6.87E-11	1.53E-03	6.99E-05	1.43E-03	2.79E-03	2.11E-05	5.92E-03	1.34E-01	0.00E+00	2.57E-10	2.05E-10	3.43E-05	1.55E-07	1.51E-02	0.00E+00	1.34E-01	1.36E-10	1.34E-01	1.49E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	9.05E-04
GP113P	6.40E-04	2.85E-01	5.33E-02	2.31E-01	0.00E+00	0.00E+00	3.31E+00	3.16E-06	3.05E-04	1.90E-03	0.00E+00	5.60E-03	2.53E-08	7.41E-10	3.44E-02	6.13E-04	1.92E-02	3.73E-04	4.02E-04	9.49E-02	2.18E+00	0.00E+00	2.95E-09	3.82E-09	4.44E-04	1.13E-05	2.91E-01	0.00E+00	2.18E+00	5.36E-09	2.18E+00	2.48E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
GP113T	2.80E-05	6.89E-03	4.43E-03	2.47E-03	0.00E+00	0.00E+00	2.61E-01	1.68E-07	2.25E-05	1.19E-04	0.00E+00	4.29E-04	2.10E-09	5.36E-11	1.33E-04	5.09E-05	2.93E-04	6.54E-04	3.68E-08	4.78E-04	1.24E-01	0.00E+00	2.05E-10	2.02E-10	2.87E-05	3.73E-07	1.51E-02	0.00E+00	1.24E-01	2.08E-10	1.24E-01	1.39E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-06
GP213P	8.32E-04	3.70E-01	6.94E-02	3.01E-01	0.00E+00	0.00E+00	4.31E+00	4.11E-06	3.97E-04	2.47E-03	0.00E+00	7.29E-03	3.29E-08	9.64E-10	4.48E-02	7.97E-04	2.51E-02	5.66E-04	5.23E-04	1.23E-01	2.84E+00	0.00E+00	3.83E-09	4.97E-09	5.77E-04	1.48E-05	3.79E-01	0.00E+00	2.84E+00	6.98E-09	2.84E+00	3.22E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	2.24E-02

GP213T	1.12E-04	3.90E-02	1.11E-02	2.79E-02	0.00E+00	0.00E+00	6.75E-01	5.45E-07	6.02E-05	3.50E-04	0.00E+00	1.13E-03	5.29E-09	1.45E-10	3.87E-03	1.28E-04	1.74E-03	1.04E-03	4.32E-05	9.63E-03	3.86E-01	0.00E+00	5.67E-10	6.58E-10	8.27E-05	1.68E-06	4.98E-02	0.00E+00	3.86E-01	8.31E-10	3.86E-01	4.36E-01	4.98E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
GP218P	5.01E-04	2.27E-01	4.12E-02	1.85E-01	0.00E+00	0.00E+00	2.57E+00	2.48E-06	2.37E-04	1.48E-03	0.00E+00	4.35E-03	1.96E-08	5.76E-10	2.77E-02	4.74E-04	1.66E-02	2.16E-03	3.24E-04	7.67E-02	1.71E+00	0.00E+00	2.30E-09	3.00E-09	3.46E-04	9.00E-06	2.29E-01	0.00E+00	1.71E+00	4.24E-09	1.71E+00	1.94E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	1.39E-02
GP218T	3.35E-04	1.42E-01	2.67E-02	1.15E-01	0.00E+00	0.00E+00	1.66E+00	1.57E-06	1.52E-04	9.48E-04	0.00E+00	2.80E-03	1.27E-08	3.70E-10	1.71E-02	3.06E-04	1.02E-02	1.17E-03	2.00E-04	4.71E-02	1.09E+00	0.00E+00	1.47E-09	1.91E-09	2.21E-04	5.65E-06	1.45E-01	0.00E+00	1.09E+00	2.67E-09	1.09E+00	1.24E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	8.57E-03
GP313P	1.02E-03	4.56E-01	8.54E-02	3.71E-01	0.00E+00	0.00E+00	5.30E+00	5.05E-06	4.88E-04	3.04E-03	0.00E+00	8.97E-03	4.05E-08	1.19E-09	5.52E-02	9.81E-04	3.09E-02	7.54E-04	6.44E-04	1.52E-01	3.50E+00	0.00E+00	4.72E-09	6.12E-09	7.10E-04	1.82E-05	4.67E-01	0.00E+00	3.50E+00	8.59E-09	3.50E+00	3.96E+00	4.67E-01	0.00E+00	0.00E+00	0.00E+00	2.76E-02
GP313T	9.60E-05	2.51E-02	9.74E-03	1.53E-02	0.00E+00	0.00E+00	5.83E-01	4.26E-07	5.11E-05	2.85E-04	0.00E+00	9.66E-04	4.63E-09	1.23E-10	1.90E-03	1.12E-04	5.72E-04	1.74E-03	1.96E-05	3.89E-03	3.07E-01	0.00E+00	4.75E-10	5.13E-10	6.80E-05	1.16E-06	3.86E-02	0.00E+00	3.07E-01	5.98E-10	3.07E-01	3.45E-01	3.86E-02	0.00E+00	0.00E+00	0.00E+00	8.43E-04
GP318T	3.67E-05	3.48E-04	2.66E-03	2.31E-03	0.00E+00	0.00E+00	1.54E-01	8.01E-08	1.29E-05	6.32E-05	0.00E+00	2.50E-04	1.27E-09	3.05E-11	5.38E-04	3.06E-05	1.44E-04	1.34E-04	7.60E-06	2.18E-03	6.16E-02	0.00E+00	1.14E-10	9.56E-11	1.54E-05	9.57E-08	7.04E-03	0.00E+00	6.16E-02	7.13E-11	6.16E-02	6.87E-02	7.04E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
GP413P	1.22E-03	5.42E-01	1.01E-01	4.40E-01	0.00E+00	0.00E+00	6.30E+00	6.00E-06	5.80E-04	3.61E-03	0.00E+00	1.07E-02	4.82E-08	1.41E-09	6.56E-02	1.16E-03	3.68E-02	9.47E-04	7.65E-04	1.81E-01	4.15E+00	0.00E+00	5.61E-09	7.27E-09	8.43E-04	2.16E-05	5.54E-01	0.00E+00	4.15E+00	1.02E-08	4.15E+00	4.71E+00	5.54E-01	0.00E+00	0.00E+00	0.00E+00	3.28E-02
GP418P	7.98E-04	3.61E-01	6.56E-02	2.95E-01	0.00E+00	0.00E+00	4.09E+00	3.94E-06	3.77E-04	2.36E-03	0.00E+00	6.92E-03	3.12E-08	9.17E-10	4.41E-02	7.54E-04	2.63E-02	3.39E-03	5.15E-04	1.22E-01	2.72E+00	0.00E+00	3.65E-09	4.78E-09	5.51E-04	1.43E-05	3.64E-01	0.00E+00	2.72E+00	6.75E-09	2.72E+00	3.09E+00	3.64E-01	0.00E+00	0.00E+00	0.00E+00	2.21E-02
GP418PM	9.18E-05	2.79E-02	9.91E-03	1.80E-02	0.00E+00	0.00E+00	5.95E-01	4.47E-07	5.24E-05	2.96E-04	0.00E+00	9.88E-04	4.71E-09	1.26E-10	2.33E-03	1.14E-04	2.24E-03	2.82E-03	2.48E-05	5.15E-03	3.20E-01	0.00E+00	4.89E-10	5.39E-10	7.03E-05	1.26E-06	4.06E-02	0.00E+00	3.20E-01	6.43E-10	3.20E-01	3.61E-01	4.06E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
GP418T	3.48E-04	1.40E-01	2.76E-02	1.12E-01	0.00E+00	0.00E+00	1.71E+00	1.59E-06	1.56E-04	9.65E-04	0.00E+00	2.88E-03	1.31E-08	3.80E-10	1.66E-02	3.17E-04	9.87E-03	4.94E-04	1.93E-04	4.54E-02	1.10E+00	0.00E+00	1.51E-09	1.93E-09	2.26E-04	5.62E-06	1.47E-01	0.00E+00	1.10E+00	2.67E-09	1.10E+00	1.25E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	8.29E-03
GR013CN	7.67E-06	1.13E-02	8.73E-04	1.04E-02	0.00E+00	0.00E+00	5.96E-02	8.87E-08	6.12E-06	4.61E-05	0.00E+00	1.06E-04	4.14E-10	1.52E-11	1.64E-03	1.00E-05	1.64E-03	2.13E-03	1.98E-05	4.86E-03	5.84E-02	0.00E+00	6.39E-11	1.08E-10	1.05E-05	4.10E-07	8.36E-03	0.00E+00	5.84E-02	1.82E-10	5.84E-02	6.67E-02	8.36E-03	0.00E+00	0.00E+00	0.00E+00	8.49E-04
GR118AN	1.98E-05	4.11E-04	9.88E-04	1.40E-03	0.00E+00	0.00E+00	5.67E-02	2.67E-08	4.68E-06	2.22E-05	0.00E+00	9.17E-05	4.69E-10	1.11E-11	2.88E-04	1.14E-05	7.90E-04	2.27E-03	3.89E-06	1.08E-03	2.10E-02	0.00E+00	4.12E-11	3.18E-11	5.47E-06	1.72E-08	2.32E-03	0.00E+00	2.10E-02	1.88E-11	2.10E-02	2.33E-02	2.32E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-04
GR218AN	2.33E-04	1.17E-01	1.97E-02	9.73E-02	0.00E+00	0.00E+00	1.23E+00	1.23E-06	1.14E-04	7.27E-04	0.00E+00	2.09E-03	9.33E-09	2.79E-10	1.47E-02	2.26E-04	8.67E-03	3.02E-03	1.72E-04	4.10E-02	8.46E-01	0.00E+00	1.12E-09	1.49E-09	1.69E-04	4.59E-06	1.14E-01	0.00E+00	8.46E-01	2.15E-09	8.46E-01	9.60E-01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-03
GR318AN	2.96E-06	1.12E-02	1.18E-03	9.98E-03	0.00E+00	0.00E+00	7.70E-02	9.68E-08	7.55E-06	5.29E-05	0.00E+00	1.34E-04	5.58E-10	1.86E-11	1.55E-03	1.35E-05	1.19E-03	2.36E-03	1.86E-05	4.53E-03	6.48E-02	0.00E+00	7.65E-11	1.18E-10	1.21E-05	4.16E-07	9.07E-03	0.00E+00	6.48E-02	1.87E-10	6.48E-02	7.39E-02	9.07E-03	0.00E+00	0.00E+00	0.00E+00	7.98E-04
GR413AN	5.83E-05	3.85E-02	5.52E-03	3.29E-02	0.00E+00	0.00E+00	3.50E-01	3.77E-07	3.31E-05	2.17E-04	0.00E+00	5.99E-04	2.62E-09	8.09E-11	5.03E-03	6.33E-05	3.47E-03	2.73E-03	5.95E-05	1.43E-02	2.57E-01	0.00E+00	3.26E-10	4.57E-10	5.02E-05	1.48E-06	3.50E-02	0.00E+00	2.57E-01	6.83E-10	2.57E-01	2.92E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.56E-03
GR418AN	5.37E-05	3.59E-02	5.39E-03	3.05E-02	0.00E+00	0.00E+00	3.41E-01	3.59E-07	3.20E-05	2.08E-04	0.00E+00	5.82E-04	2.56E-09	7.82E-11	4.64E-03	6.19E-05	2.93E-03	2.54E-03	5.48E-05	1.31E-02	2.45E-01	0.00E+00	3.15E-10	4.35E-10	4.83E-05	1.39E-06	3.33E-02	0.00E+00	2.45E-01	6.43E-10	2.45E-01	2.78E-01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	2.35E-03
GR71AN	6.06E-05	3.97E-02	5.98E-03	3.37E-02	0.00E+00	0.00E+00	3.78E-01	3.97E-07	3.55E-05	2.30E-04	0.00E+00	6.45E-04	2.84E-09	8.67E-11	5.13E-03	6.87E-05	2.94E-03	1.93E-03	6.06E-05	1.45E-02	2.71E-01	0.00E+00	3.49E-10	4.82E-10	5.35E-05	1.54E-06	3.69E-02	0.00E+00	2.71E-01	7.12E-10	2.71E-01	3.08E-01	3.69E-02	0.00E+00	0.00E+00	0.00E+00	2.60E-03
GR72AN	9.00E-05	7.35E-02	5.22E-03	6.83E-02	0.00E+00	0.00E+00	3.61E-01	5.64E-07	3.76E-05	2.89E-04	0.00E+00	6.45E-04	2.48E-09	9.39E-11	1.08E-02	5.98E-05	1.57E-02	1.48E-02	1.30E-04	3.21E-02	3.70E-01	0.00E+00	3.96E-10	6.88E-10	6.55E-05	2.66E-06	5.32E-02	0.00E+00	3.70E-01	1.17E-09	3.70E-01	4.23E-01	5.32E-02	0.00E+00	0.00E+00	0.00E+00	5.60E-03
GS118D	7.76E-05	3.04E-02	4.21E-03	2.62E-02	0.00E+00	0.00E+00	2.68E-01	2.94E-07	2.54E-05	1.68E-04	0.00E+00	4.59E-04	2.00E-09	6.22E-11	4.01E-03	4.84E-05	3.31E-03	9.02E-04	4.75E-05	1.15E-02	2.00E-01	0.00E+00	2.52E-10	3.56E-10	3.89E-05	1.17E-06	2.73E-02	0.00E+00	2.00E-01	5.36E-10	2.00E-01	2.27E-01	2.73E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
GS213D	2.29E-05	1.04E-02	5.08E-04	1.09E-02	0.00E+00	0.00E+00	2.09E-02	4.32E-08	6.74E-07	1.17E-05	0.00E+00	2.54E-05	2.42E-10	9.09E-13	1.81E-03	5.86E-06	2.42E-03	1.91E-03	2.23E-05	5.64E-03	2.40E-02	0.00E+00	2.94E-12	5.37E-11	2.11E-06	3.37E-07	4.33E-03	0.00E+00	2.40E-02	1.35E-10	2.40E-02	2.83E-02	4.33E-03	0.00E+00	0.00E+00	0.00E+00	9.59E-04
GS218D	1.92E-04	7.81E-02	1.30E-02	6.52E-02	0.00E+00	0.00E+00	8.13E-01	8.17E-07	7.57E-05	4.82E-04	0.00E+00	1.38E-03	6.16E-09	1.84E-10	9.83E-03	1.49E-04	6.10E-03	1.37E-03	1.15E-04	2.75E-02	5.61E-01	0.00E+00	7.38E-10	9.91E-10	1.12E-04	3.06E-06	7.57E-02	0.00E+00	5.61E-01	1.43E-09	5.61E-01	6.37E-01	7.57E-02	0.00E+00	0.00E+00	0.00E+00	4.96E-03
GS318D	1.25E-04	4.85E-02	7.19E-03	4.14E-02	0.00E+00	0.00E+00	4.55E-01	4.82E-07	4.28E-05	2.79E-04	0.00E+00	7.77E-04	3.41E-09	1.05E-10	6.30E-03	8.26E-05	3.63E-03	1.94E-03	7.44E-05	1.79E-02	3.29E-01	0.00E+00	4.21E-10	5.85E-10	6.47E-05	1.87E-06	4.48E-02	0.00E+00	3.29E-01	8.67E-10	3.29E-01	3.74E-01	4.48E-02	0.00E+00	0.00E+00	0.00E+00	3.20E-03
GS418D	1.29E-04	4.67E-02	7.07E-03	3.96E-02	0.00E+00	0.00E+00	4.47E-01	4.68E-07	4.20E-05	2.72E-04	0.00E+00	7.62E-04	3.36E-09	1.02E-10	6.02E-03	8.12E-05	2.94E-03	2.23E-03	7.11E-05	1.70E-02	3.20E-01	0.00E+00	4.12E-10	5.68E-10	6.31E-05	1.81E-06	4.35E-02	0.00E+00	3.20E-01	8.38E-10	3.20E-01	3.64E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-03
GZ07E	4.66E-06	6.19E-03	5.19E-04	5.67E-03	0.00E+00	0.00E+00	3.50E-02	4.98E-08	3.55E-06	2.62E-05	0.00E+00	6.18E-05	2.46E-10	8.81E-12	8.92E-04	5.95E-06	9.61E-04	1.50E-03	1.07E-05	2.63E-03	3.29E-02	0.00E+00	3.68E-11	6.07E-11	5.97E-06	2.26E-07	4.69E-03	0.00E+00	3.29E-02	1.01E-10	3.29E-02	3.76E-02	4.69E-03	0.00E+00	0.00E+00	0.00E+00	4.61E-04
GZ08A	3.81E-05	1.96E-03	1.21E-03	3.17E-03	0.00E+00	0.00E+00	6.85E-02	2.46E-08	5.50E-06	2.40E-05	0.00E+00	1.09E-04	5.76E-10	1.29E-11	5.90E-04	1.39E-05	6.76E-04	1.51E-03	7.68E-06	2.05E-03	2.08E-02	0.00E+00	4.71E-11	2.90E-11	6.01E-06	2.83E-08	2.06E-03	0.00E+00	2.08E-02	2.47E-12	2.08E-02	2.29E-02	2.06E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04
GZ213S	2.37E-03	8.24E-01	1.36E-01	6.88E-01	0.00E+00	0.00E+00	8.51E+00	8.58E-06	7.93E-04	5.05E-03	0.00E+00	1.45E-02	6.44E-08	1.93E-09	1.04E-01	1.56E-03	1.09E-02	6.75E-02	1.22E-03	2.91E-01	5.90E+00	0.00E+00	7.73E-09	1.04E-08	1.18E-03	3.22E-05	7.95E-01	0.00E+00	5.90E+00	1.51E-08	5.90E+00	6.69E+00	7.95E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-02
GZ30A	1.86E-05	9.18E-03	6.62E-04	8.52E-03	0.00E+00	0.00E+00	4.57E-02	7.08E-08	4.75E-06	3.64E-05	0.00E+00	8.16E-05	3.14E-10	1.19E-11	1.35E-03	7.60E-06	2.31E-03	6.42E-05	1.63E-05	4.00E-03	4.64E-02	0.00E+00	5.00E-11	8.63E-11	8.24E-06	3.33E-07	6.68E-03	0.00E+00	4.64E-02	1.47E-10	4.64E-02	5.31E-02	6.68E-03	0.00E+00	0.00E+00	0.00E+00	6.98E-04
GZ30S	2.44E-05	1.22E-02	8.34E-04	1.13E-02	0.00E+00	0.00E+00	5.81E-02	9.25E-08	6.08E-06	4.72E-05	0.00E+00	1.04E-04	3.96E-10	1.52E-11	1.80E-03	9.57E-06	2.60E-03	4.19E-04	2.17E-05	5.34E-03	6.05E-02	0.00E+00	6.44E-11	1.13E-10	1.07E-05	4.39E-07	8.74E-03	0.00E+00	6.05E-02	1.93E-10	6.05E-02	6.93E-02	8.74E-03	0.00E+00	0.00E+00	0.00E+00	9.31E-04
GZ33A	2.77E-06	1.63E-03	4.22E-04	2.05E-03	0.00E+00	0.00E+00	2.30E-02	3.26E-09	1.75E-06	6.18E-06	0.00E+00	3.60E-05	2.00E-10	4.04E-12	3.60E-04	4.85E-06	8.57E-04	1.82E-03	4.56E-06	1.19E-03	4.00E-03	0.00E+00	1.41E-11	3.56E-12	1.63E-06	4.21E-08	2.01E-04	0.00E+00	4.00E-03	1.26E-11	4.00E-03	4.20E-03	2.01E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04
GZ40S	3.99E-05	2.12E-02	3.29E-03	1.79E-02	0.00E+00	0.00E+00	2.07E-01	2.15E-07	1.94E-05	1.25E-04	0.00E+00	3.53E-04	1.56E-09	4.74E-11	2.72E-03	3.78E-05	2.20E-03	2.02E-03	3.20E-05	7.66E-03	1.47E-01	0.00E+00	1.90E-10	2.61E-10	2.91E-05	8.23E-07	1.99E-02	0.00E+00	1.47E-01	3.82E-10	1.47E-01	1.67E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
GZ413S	3.84E-03	1.28E+00	2.09E-01	1.07E+00	0.00E+00	0.00E+00	1.31E+01	1.33E-05	1.23E-03	7.82E-03	0.00E+00	2.23E-02	9.95E-08	2.99E-09	1.62E-01	2.41E-03	3.19E-02	1.17E-01	1.90E-03	4.54E-01	9.13E+00	0.00E+00	1.20E-08	1.61E-08	1.82E-03	5.01E-05	1.23E+00	0.00E+00	9.13E+00	2.34E-08	9.13E+00	1.04E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02
GZ44F	1.14E-05	3.13E-04	9.97E-04	6.84E-04	0.00E+00	0.00E+00	5.79E-02	3.10E-08	4.85E-06	2.41E-05	0.00E+00	9.41E-05	4.74E-10	1.15E-11	1.72E-04	1.15E-05	1.05E-03	1.04E-03	2.48E-06	7.27E-04	2.37E-02	0.00E+00	4.33E-11	3.71E-11	5.87E-06	4.21E-08	2.74E-03	0.00E+00	2.37E-02	2.93E-11	2.37E-02	2.64E-02	2.74E-03	0.00E+00	0.00E+00	0.00E+00	1.07E-04
GZ45F	2.64E-05	2.85E-02	2.25E-03	2.62E-02	0.00E+00	0.00E+00	1.53E-01	2.25E-07	1.57E-05	1.17E-04	0.00E+00	2.71E-04	1.07E-09	3.89E-11	4.13E-03	2.58E-05	2.05E-03	1.58E-03	4.98E-05	1.22E-02	1.48E-01	0.00E+00	1.63E-10	2.74E-10	2.66E-05	1.04E-06	2.12E-02	0.00E+00	1.48E-01	4.59E-10	1.48E-01	1.69E-01	2.12E-02	0.00E+00	0.00E+00	0.00E+00	2.14E-03
JB253N	2.91E-04	3.19E-02	1.09E-02	2.10E-02	0.00E+00	0.00E+00	6.53E-01	4.97E-07	5.77E-05	3.27E-04	0.00E+00	1.09E-03	5.16E-09	1.39E-10	2.76E-03	1.25E-04	5.59E-03	1.79E-02	2.97E-05	6.29E-03	3.56E-01	0.00E+00	5.39E-10	5.99E-10	7.77E-05	1.42E-06	4.52E-02	0.00E+00	3.56E-01	7.23E-10	3.56E-01	4.01E-01	4.52E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
JC113	1.20E-03	5.56E-01	9.63E-02	4.59E-01	0.00E+00	0.00E+00	6.02E+00	5.93E-06	5.58E-04	3.52E-03	0.00E+00	1.02E-02	4.58E-08	1.36E-09	6.89E-02	1.11E-03	4.52E-02	1.23E-02	8.08E-04	1.92E-01	4.09E+00	0.00E+00	5.42E-09	7.19E-09	8.21E-04	2.19E-05	5.49E-01	0.00E+00	4.09E+00	1.03E-08	4.09E+00	4.63E+00	5.49E-01	0.00E+00	0.00E+00	0.00E+00	3.47E-02
JK113	1.28E-03	5.37E-01	1.11E-01	4.26E-01	0.00E+00	0.00E+00	6.86E+00	6.27E-06	6.27E-04	3.83E-03	0.00E+00	1.16E-02	5.28E-08	1.52E-09	6.26E-02	1.28E-03	4.26E-02	7.20E-03	7.25E-04	1.70E-01	4.36E+00	0.00E+00	6.02E-09	7.59E-09	8.98E-04	2.17E-05	5.77E-01	0.00E+00	4.36E+00	1.04E-08	4.36E+00	4.94E+00	5.77E-01	0.00E+00	0.00E+00	0.00E+00	3.11E-02
JK113B13	1.34E-05	6.67E-04	1.89E-03	1.23E-03	0.00E+00	0.00E+00	1.10E-01	5.93E-08	9.22E-06	4.59E-05	0.00E+00	1.79E-04	9.00E-10	2.19E-11	3.15E-04	2.18E-05	1.14E-02	1.25E-02	4.57E-06	1.34E-03	4.53E-02	0.00E+00	8.24E-11	7.09E-11	1.12E-05	8.24E-08	5.23E-03	0.00E+00	4.53E-02	5.67E-11	4.53E-02	5.05E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-04
JK113B20	1.81E-06	9.71E-04	5.83E-03	6.80E-03	0.00E+00	0.00E+00	3.36E-01	1.66E-07	2.79E-05	1.35E-04	0.00E+00	5.44E-04	2.77E-09	6.60E-11	1.46E-03	6.70E-05	8.07E-03	6.74E-03	2.01E-05	5.65E-03	1.29E-01	0.00E+00	2.46E-10	1.97E-10	3.30E-05	1.51E-07	1.45E-02	0.00E+00	1.29E-01	1.32E-10	1.29E-01	1.44E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.64E-04
JK113B26	4.20E-05	2.98E-03	1.07E-02	1.36E-02	0.00E+00	0.00E+00	6.13E-01	2.96E-07	5.08E-05	2.43E-04	0.00E+00	9.92E-04	5.06E-09	1.20E-10	2.87E-03	1.23E-04	2.46E-02	8.04E-03	3.91E-05	1.09E-02	2.32E-01	0.00E+00	4.48E-10	3.53E-10	5.97E-05	2.35E-07	2.58E-02	0.00E+00	2.32E-01	2.24E-10	2.32E-01	2.58E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03
JK213	4.00E-03	1.82E+00	3.29E-01	1.49E+00	0.00E+00	0.00E+00	2.05E+01	1.98E-05	1.89E-03	1.18E-02	0.00E+00	3.47E-02	1.56E-07	4.60E-09	2.22E-01	3.78E-03	1.34E-01	1.92E-02	2.60E-03	6.15E-01	1.37E+01	0.00E+00	1.83E-08	2.40E-08	2.76E-03	7.20E-05	1.83E+00	0.00E+00	1.37E+01	3.39E-08	1.37E+01	1.55E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01
JK213D	3.15E-03	1.48E+00	2.52E-01	1.23E+00	0.00E+00	0.00E+00	1.57E+01	1.56E-05	1.46E-03	9.26E-03	0.00E+00	2.67E-02	1.20E-07	3.56E-09	1.85E-01	2.89E-03	1.25E-01	3.97E-02	2.16E-03	5.15E-01	1.08E+01	0.00E+00	1.42E-08	1.90E-08	2.16E-03	5.81E-05	1.45E+00	0.00E+00	1.08E+01	2.72E-08	1.08E+01	1.22E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-02
JS013	2.23E-03	1.01E+00	1.84E-01	8.21E-01	0.00E+00	0.00E+00	1.15E+01	1.10E-05	1.06E-03	6.61E-03	0.00E+00	1.94E-02	8.76E-08	2.57E-09	1.22E-01	2.12E-03	7.18E-02	7.15E-03	1.43E-03	3.39E-01	7.63E+00	0.00E+00	1.02E-08	1.34E-08	1.54E-03	3.99E-05	1.02E+00	0.00E+00	7.63E+00	1.89E-08	7.63E+00	8.64E+00	1.02E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-02
JS013C	2.23E-03	1.01E+00	1.84E-01	8.21E-01	0.00E+00	0.00E+00	1.15E+01	1.10E-05	1.06E-03	6.61E-03	0.00E+00	1.94E-02	8.76E-08	2.57E-09	1.22E-01	2.12E-03	7.18E-02	7.15E-03	1.43E-03	3.39E-01	7.63E+00	0.00E+00	1.02E-08	1.34E-08	1.54E-03	3.99E-05	1.02E+00	0.00E+00	7.63E+00	1.89E-08	7.63E+00	8.64E+00	1.02E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-02
JZ103	1.52E-04	1.09E-01	6.70E-03	1.02E-01	0.00E+00	0.00E+00	4.76E-01	8.06E-07	5.08E-05	4.05E-04	0.00E+00	8.60E-04	3.18E-09	1.27E-10	1.63E-02	7.69E-05	2.09E-02	2.05E-02	1.97E-04	4.85E-02	5.25E-01	0.00E+00	5.44E-10	9.84E-10	9.11E-05	3.91E-06	7.63E-02	0.00E+00	5.25E-01	1.71E-09	5.25E-01	6.01E-01	7.63E-02	0.00E+00	0.00E+00	0.00E+00	8.44E-03
JZ104	1.25E-04	9.69E-02	4.41E-03	9.25E-02	0.00E+00	0.00E+00	3.34E-01	6.71E-07	3.77E-05	3.24E-04	0.00E+00	6.20E-04	2.09E-09	9.57E-11	1.48E-02	5.06E-05	2.01E-02	2.05E-02	1.79E-04	4.44E-02	4.31E-01	0.00E+00	4.17E-10	8.20E-10	7.22E-05	3.43E-06	6.38E-02	0.00E+00	4.31E-01	1.48E-09	4.31E-01	4.95E-01	6.38E-02	0.00E+00	0.00E+00	0.00E+00	7.71E-03
JZ131	1.03E-04	4.57E-02	8.59E-03	3.71E-02	0.00E+00	0.00E+00	5.33E-01	5.07E-07	4.91E-05	3.05E-04	0.00E+00	9.02E-04	4.08E-09	1.19E-10	5.52E-03	9.87E-05	3.05E-03	1.35E-05	6.43E-05	1.52E-02	3.51E-01	0.00E+00	4.74E-10	6.14E-10	7.13E-05	1.82E-06	4.68E-02	0.00E+00	3.51E-01	8.61E-10	3.51E-01	3.98E-01	4.68E-02	0.00E+00	0.00E+00	0.00E+00	2.76E-03
JZ132	1.20E-03	5.32E-01	1.00E-01	4.32E-01	0.00E+00	0.00E+00	6.22E+00	5.91E-06	5.72E-04	3.56E-03	0.00E+00	1.05E-02	4.76E-08	1.39E-09	6.42E-02	1.15E-03	3.55E-02	0.00E+00	7.49E-04	1.77E-01	4.09E+00	0.00E+00	5.53E-09	7.16E-09	8.31E-04	2.12E-05	5.46E-01	0.00E+00	4.09E+00	1.00E-08	4.09E+00	4.64E+00	5.46E-01	0.00E+00	0.00E+00	0.00E+00	3.21E-02
JZ181	1.53E-04	7.53E-02	1.16E-02	6.37E-02	0.00E+00	0.00E+00	7.34E-01	7.63E-07	6.88E-05	4.44E-04	0.00E+00	1.25E-03	5.53E-09	1.68E-10	9.67E-03	1.34E-04	7.53E-03	3.77E-03	1.14E-04	2.73E-02	5.22E-01	0.00E+00	6.75E-10	9.25E-10	1.03E-04	2.92E-06	7.08E-02	0.00E+00	5.22E-01	1.36E-09	5.22E-01	5.93E-01	7.08E-02	0.00E+00	0.00E+00	0.00E+00	4.89E-03
JZ182	1.37E-03	6.07E-01	1.14E-01	4.93E-01	0.00E+00	0.00E+00	7.10E+00	6.75E-06	6.54E-04	4.06E-03	0.00E+00	1.20E-02	5.43E-08	1.59E-09	7.33E-02	1.31E-03	4.05E-02	0.00E+00	8.55E-04	2.02E-01	4.67E+00	0.00E+00	6.31E-09	8.18E-09	9.50E-04	2.42E-05	6.23E-01	0.00E+00	4.67E+00	1.15E-08	4.67E+00	5.30E+00	6.23E-01	0.00E+00	0.00E+00	0.00E+00	3.67E-02
TN904	1.05E-05	8.68E-03	1.57E-03	1.03E-02	0.00E+00	0.00E+00	8.36E-02	2.51E-09	6.07E-06	1.71E-05	0.00E+00	1.28E-04	7.46E-10	1.38E-11	1.76E-03	1.80E-05	1.13E-02	6.11E-03	2.22E-05	5.72E-03	5.94E-03	0.00E+00	4.64E-11	4.75E-12	4.80E-06	2.45E-07	6.69E-04	0.00E+00	5.94E-03	8.39E-11	5.94E-03	5.27E-03	6.69E-04	0.00E+00	0.00E+00	0.00E+00	9.54E-04
VA12A	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	2.09E-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	1.42E-02
VA12B	4.76E-04	2.11E-01	3.98E-02	1.72E-01	0.00E+00	0.00E+00	2.47E+00	2.35E-06	2.27E-04	1.41E-03	0.00E+00	4.18E-03	1.89E-08	5.52E-10	2.55E-02	4.57E-04	1.41E-02	0.00E+00	2.98E-04	7.03E-02	1.63E+00	0.00E+00	2.20E-09	2.85E-09	3.30E-04	8.43E-06	2.17E-01	0.00E+00	1.63E+00	3.99E-09	1.63E+00	1.84E+00	2.17E-01	0.00E+00	0.00E+00	0.00E+00	1.28E-02
VA12BN	4.79E-04	2.13E-01	4.00E-02	1.73E-01	0.00E+00	0.00E+00	2.49E+00	2.36E-06	2.29E-04	1.42E-03	0.00E+00	4.20E-03	1.90E-08	5.56E-10	2.57E-02	4.60E-04	1.42E-02	0.00E+00	2.99E-04	7.07E-02	1.64E+00	0.00E+00	2.21E-09	2.86E-09	3.33E-04	8.48E-06	2.18E-01	0.00E+00	1.64E+00	4.01E-09	1.64E+00	1.85E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	1.29E-02
VA12CN	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	2.09E-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	1.42E-02
VA12D	4.14E-04	1.89E-01	3.46E-02	1.55E-01	0.00E+00	0.00E+00	2.15E+00	2.07E-06	1.99E-04	1.24E-03	0.00E+00	3.65E-03	1.64E-08	4.83E-10	2.31E-02	3.98E-04	1.37E-02	1.78E-03	2.70E-04	6.39E-02	1.43E+00	0.00E+00	1.93E-09	2.51E-09	2.90E-04	7.52E-06	1.92E-01	0.00E+00	1.43E+00	3.55E-09	1.43E+00	1.63E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	1.16E-02
VA12DK	4.39E-04	2.00E-01	3.63E-02	1.64E-01	0.00E+00	0.00E+00	2.26E+00	2.18E-06	2.09E-04	1.31E-03	0.00E+00	3.82E-03	1.72E-08	5.07E-10	2.45E-02	4.16E-04	1.38E-02	7.99E-05	2.87E-04	6.79E-02	1.51E+00	0.00E+00	2.02E-09	2.65E-09	3.05E-04	7.94E-06	2.02E-01	0.00E+00	1.51E+00	3.74E-09	1.51E+00	1.71E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	1.23E-02
VA12DN	2.31E-04	1.00E-01	2.17E-02	7.84E-02	0.00E+00	0.00E+00	1.34E+00	1.20E-06	1.21E-04	7.37E-04	0.00E+00	2.25E-03	1.03E-08	2.94E-10	1.15E-02	2.49E-04	5.68E-03	8.56E-04	1.32E-04	3.08E-02	8.35E-01	0.00E+00	1.16E-09	1.45E-09	1.73E-04	4.08E-06	1.10E-01	0.00E+00	8.35E-01	1.96E-09	8.35E-01	9.45E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	5.67E-03
VA12E	5.51E-04	2.50E-01	4.52E-02	2.05E-01	0.00E+00	0.00E+00	2.82E+00	2.73E-06	2.60E-04	1.63E-03	0.00E+00	4.77E-03	2.15E-08	6.33E-10	3.07E-02	5.20E-04	1.73E-02	3.72E-04	3.59E-04	8.50E-02	1.88E+00	0.00E+00	2.52E-09	3.30E-09	3.80E-04	9.93E-06	2.52E-01	0.00E+00	1.88E+00	4.68E-09	1.88E+00	2.13E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	1.54E-02
VA12G	3.18E-04	1.35E-01	2.79E-02	1.08E-01	0.00E+00	0.00E+00	1.72E+00	1.57E-06	1.57E-04	9.61E-04	0.00E+00	2.90E-03	1.32E-08	3.81E-10	1.58E-02	3.20E-04	7.47E-03	1.83E-04	1.83E-04	4.29E-02	1.10E+00	0.00E+00	1.51E-09	1.91E-09	2.25E-04	5.47E-06	1.45E-01	0.00E+00	1.10E+00	2.61E-09	1.10E+00	1.24E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	7.87E-03
VA12K	4.29E-07	8.71E-04	1.41E-03	5.34E-04	0.00E+00	0.00E+00	8.19E-02	4.61E-08	6.91E-06	3.49E-05	0.00E+00	1.33E-04	6.68E-10	1.64E-11	1.72E-04	1.62E-05	2.17E-04	7.42E-04	2.64E-06	8.09E-04	3.49E-02	0.00E+00	6.20E-11	5.52E-11	8.48E-06	7.39E-08	4.09E-03	0.00E+00	3.49E-02	4.74E-11	3.49E-02	3.90E-02	4.09E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-04
VA12N	6.53E-04	3.05E-01	5.43E-02	2.51E-01	0.00E+00	0.00E+00	3.39E+00	3.30E-06	3.13E-04	1.97E-03	0.00E+00	5.74E-03	2.58E-08	7.62E-10	3.75E-02	6.24E-04	2.20E-02	9.36E-04	4.39E-04	1.04E-01	2.28E+00	0.00E+00	3.04E-09	4.00E-09	4.59E-04	1.21E-05	3.05E-01	0.00E+00	2.28E+00	5.68E-09	2.28E+00	2.58E+00	3.05E-01	0.00E+00	0.00E+00	0.00E+00	1.88E-02
VA12NL	4.79E-04	2.13E-01	4.00E-02	1.73E-01	0.00E+00	0.00E+00	2.49E+00	2.36E-06	2.29E-04	1.42E-03	0.00E+00	4.20E-03	1.90E-08	5.56E-10	2.57E-02	4.60E-04	1.42E-02	0.00E+00	2.99E-04	7.07E-02	1.64E+00	0.00E+00	2.21E-09	2.86E-09	3.33E-04	8.48E-06	2.18E-01	0.00E+00	1.64E+00	4.01E-09	1.64E+00	1.85E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	1.29E-02
VA24A	6.95E-04	3.08E-01	5.81E-02	2.50E-01	0.00E+00	0.00E+00	3.61E+00	3.43E-06	3.32E-04	2.06E-03	0.00E+00	6.10E-03	2.76E-08	8.06E-10	3.72E-02	6.67E-04	2.06E-02	0.00E+00	4.34E-04	1.03E-01	2.37E+00	0.00E+00	3.21E-09	4.15E-09	4.82E-04	1.23E-05	3.17E-01	0.00E+00	2.37E+00	5.82E-09	2.37E+00	2.69E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
VA24B	6.44E-04	2.86E-01	5.38E-02	2.32E-01	0.00E+00	0.00E+00	3.34E+00	3.17E-06	3.07E-04	1.91E-03	0.00E+00	5.65E-03	2.55E-08	7.46E-10	3.45E-02	6.18E-04	1.90E-02	0.00E+00	4.02E-04	9.49E-02	2.20E+00	0.00E+00	2.97E-09	3.84E-09	4.46E-04	1.14E-05	2.93E-01	0.00E+00	2.20E+00	5.39E-09	2.20E+00	2.49E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	1.73E-02
VA24BN	6.47E-04	2.87E-01	5.40E-02	2.33E-01	0.00E+00	0.00E+00	3.35E+00	3.19E-06	3.09E-04	1.92E-03	0.00E+00	5.67E-03	2.57E-08	7.50E-10	3.46E-02	6.21E-04	1.91E-02	0.00E+00	4.04E-04	9.54E-02	2.21E+00	0.00E+00	2.98E-09	3.86E-09	4.49E-04	1.14E-05	2.94E-01	0.00E+00	2.21E+00	5.41E-09	2.21E+00	2.50E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	1.73E-02
VA24CN	6.95E-04	3.08E-01	5.81E-02	2.50E-01	0.00E+00	0.00E+00	3.61E+00	3.43E-06	3.32E-04	2.06E-03	0.00E+00	6.10E-03	2.76E-08	8.06E-10	3.72E-02	6.67E-04	2.06E-02	0.00E+00	4.34E-04	1.03E-01	2.37E+00	0.00E+00	3.21E-09	4.15E-09	4.82E-04	1.23E-05	3.17E-01	0.00E+00	2.37E+00	5.82E-09	2.37E+00	2.69E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
VA24D	5.46E-04	2.43E-01	4.54E-02	1.98E-01	0.00E+00	0.00E+00	2.82E+00	2.69E-06	2.60E-04	1.62E-03	0.00E+00	4.77E-03	2.16E-08	6.31E-10	2.94E-02	5.22E-04	1.67E-02	1.81E-03	3.43E-04	8.11E-02	1.86E+00	0.00E+00	2.51E-09	3.26E-09	3.78E-04	9.68E-06	2.49E-01	0.00E+00	1.86E+00	4.58E-09	1.86E+00	2.11E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	1.47E-02
VA24DK	6.53E-04	2.91E-01	5.36E-02	2.37E-01	0.00E+00	0.00E+00	3.33E+00	3.20E-06	3.07E-04	1.92E-03	0.00E+00	5.64E-03	2.54E-08	7.46E-10	3.54E-02	6.15E-04	1.95E-02	4.81E-05	4.13E-04	9.77E-02	2.21E+00	0.00E+00	2.97E-09	3.87E-09	4.48E-04	1.16E-05	2.95E-01	0.00E+00	2.21E+00	5.45E-09	2.21E+00	2.50E+00	2.95E-01	0.00E+00	0.00E+00	0.00E+00	1.77E-02
VA24DN	4.69E-04	2.15E-01	4.25E-02	1.73E-01	0.00E+00	0.00E+00	2.63E+00	2.45E-06	2.41E-04	1.49E-03	0.00E+00	4.44E-03	2.02E-08	5.85E-10	2.55E-02	4.89E-04	1.31E-02	4.91E-04	2.97E-04	6.97E-02	1.70E+00	0.00E+00	2.32E-09	2.97E-09	3.48E-04	8.64E-06	2.26E-01	0.00E+00	1.70E+00	4.11E-09	1.70E+00	1.93E+00	2.26E-01	0.00E+00	0.00E+00	0.00E+00	1.27E-02
VA24E	6.51E-04	2.91E-01	5.40E-02	2.37E-01	0.00E+00	0.00E+00	3.36E+00	3.21E-06	3.09E-04	1.93E-03	0.00E+00	5.68E-03	2.57E-08	7.52E-10	3.53E-02	6.21E-04	2.02E-02	1.14E-03	4.12E-04	9.74E-02	2.22E+00	0.00E+00	2.99E-09	3.89E-09	4.51E-04	1.16E-05	2.97E-01	0.00E+00	2.22E+00	5.47E-09	2.22E+00	2.52E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	1.77E-02
VA24G	5.10E-04	2.15E-01	4.27E-02	1.72E-01	0.00E+00	0.00E+00	2.64E+00	2.46E-06	2.42E-04	1.49E-03	0.00E+00	4.46E-03	2.03E-08	5.88E-10	2.55E-02	4.91E-04	1.18E-02	8.41E-04	2.96E-04	6.95E-02	1.71E+00	0.00E+00	2.33E-09	2.97E-09	3.49E-04	8.65E-06	2.27E-01	0.00E+00	1.71E+00	4.11E-09	1.71E+00	1.93E+00	2.27E-01	0.00E+00	0.00E+00	0.00E+00	1.27E-02
VA24K	2.94E-06	1.05E-03	9.68E-04	8.42E-05	0.00E+00	0.00E+00	5.68E-02	3.43E-08	4.84E-06	2.51E-05	0.00E+00	9.30E-05	4.60E-10	1.15E-11	4.51E-05	1.11E-05	7.78E-04	1.05E-04	9.16E-07	3.32E-04	2.56E-02	0.00E+00	4.38E-11	4.11E-11	6.06E-06	6.63E-08	3.06E-03	0.00E+00	2.56E-02	3.91E-11	2.56E-02	2.86E-02	3.06E-03	0.00E+00	0.00E+00	0.00E+00	3.94E-05
VA24N	6.85E-04	3.11E-01	5.79E-02	2.53E-01	0.00E+00	0.00E+00	3.60E+00	3.43E-06	3.31E-04	2.06E-03	0.00E+00	6.08E-03	2.75E-08	8.05E-10	3.76E-02	6.65E-04	2.13E-02	1.22E-03	4.39E-04	1.04E-01	2.38E+00	0.00E+00	3.20E-09	4.16E-09	4.82E-04	1.24E-05	3.17E-01	0.00E+00	2.38E+00	5.85E-09	2.38E+00	2.69E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	1.89E-02
VA24NL	6.47E-04	2.87E-01	5.40E-02	2.33E-01	0.00E+00	0.00E+00	3.35E+00	3.19E-06	3.09E-04	1.92E-03	0.00E+00	5.67E-03	2.57E-08	7.50E-10	3.46E-02	6.21E-04	1.91E-02	0.00E+00	4.04E-04	9.54E-02	2.21E+00	0.00E+00	2.98E-09	3.86E-09	4.49E-04	1.14E-05	2.94E-01	0.00E+00	2.21E+00	5.41E-09	2.21E+00	2.50E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	1.73E-02

VA36APZ	6.91E-05	3.57E-02	5.04E-03	3.06E-02	0.00E+00	0.00E+00	3.20E-01	3.47E-07	3.03E-05	1.99E-04	0.00E+00	5.48E-04	2.39E-09	7.42E-11	4.68E-03	5.79E-05	4.03E-03	2.48E-03	5.54E-05	1.33E-02	2.36E-01	0.00E+00	2.99E-10	4.22E-10	4.62E-05	1.37E-06	3.23E-02	0.00E+00	2.36E-01	6.31E-10	2.36E-01	2.69E-01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
VA36CN	2.09E-04	9.25E-02	1.74E-02	7.51E-02	0.00E+00	0.00E+00	1.08E+00	1.03E-06	9.95E-05	6.19E-04	0.00E+00	1.83E-03	8.27E-09	2.42E-10	1.12E-02	2.00E-04	6.18E-03	9.84E-06	1.30E-04	3.08E-02	7.12E-01	0.00E+00	9.62E-10	1.25E-09	1.45E-04	3.69E-06	9.50E-02	0.00E+00	7.12E-01	1.75E-09	7.12E-01	8.07E-01	9.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-03
VA36K	2.60E-05	5.26E-04	2.23E-03	1.71E-03	0.00E+00	0.00E+00	1.29E-01	6.85E-08	1.08E-05	5.36E-05	0.00E+00	2.10E-04	1.06E-09	2.57E-11	4.14E-04	2.57E-05	1.77E-03	8.08E-05	5.91E-06	1.71E-03	5.25E-02	0.00E+00	9.65E-11	8.18E-11	1.31E-05	8.83E-08	6.03E-03	0.00E+00	5.25E-02	6.32E-11	5.25E-02	5.86E-02	6.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
VA36NW	8.55E-04	3.79E-01	7.14E-02	3.08E-01	0.00E+00	0.00E+00	4.43E+00	4.22E-06	4.08E-04	2.54E-03	0.00E+00	7.50E-03	3.39E-08	9.91E-10	4.58E-02	8.20E-04	2.53E-02	1.97E-05	5.34E-04	1.26E-01	2.92E+00	0.00E+00	3.94E-09	5.11E-09	5.93E-04	1.51E-05	3.89E-01	0.00E+00	2.92E+00	7.16E-09	2.92E+00	3.31E+00	3.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-02
VA36NWB	7.88E-04	3.52E-01	6.54E-02	2.86E-01	0.00E+00	0.00E+00	4.07E+00	3.89E-06	3.75E-04	2.33E-03	0.00E+00	6.88E-03	3.11E-08	9.10E-10	4.26E-02	7.52E-04	2.42E-02	1.14E-03	4.98E-04	1.18E-01	2.69E+00	0.00E+00	3.62E-09	4.71E-09	5.45E-04	1.40E-05	3.59E-01	0.00E+00	2.69E+00	6.62E-09	2.69E+00	3.05E+00	3.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02
VA36NWP	2.64E-04	1.07E-01	2.38E-02	8.27E-02	0.00E+00	0.00E+00	1.46E+00	1.29E-06	1.33E-04	8.00E-04	0.00E+00	2.46E-03	1.13E-08	3.21E-10	1.20E-02	2.73E-04	5.68E-03	1.13E-03	1.38E-04	3.21E-02	9.04E-01	0.00E+00	1.27E-09	1.56E-09	1.88E-04	4.37E-06	1.19E-01	0.00E+00	9.04E-01	2.10E-09	9.04E-01	1.02E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-03
VA36RM	1.59E-04	8.23E-02	1.20E-02	7.04E-02	0.00E+00	0.00E+00	7.58E-01	8.11E-07	7.16E-05	4.68E-04	0.00E+00	1.30E-03	5.68E-09	1.75E-10	1.07E-02	1.37E-04	7.12E-03	1.19E-03	1.27E-04	3.05E-02	5.53E-01	0.00E+00	7.05E-10	9.85E-10	1.08E-04	3.17E-06	7.54E-02	0.00E+00	5.53E-01	1.47E-09	5.53E-01	6.28E-01	7.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03
VA36V	2.15E-06	5.10E-04	2.27E-03	1.76E-03	0.00E+00	0.00E+00	1.32E-01	6.96E-08	1.10E-05	5.45E-05	0.00E+00	2.14E-04	1.08E-09	2.61E-11	4.25E-04	2.61E-05	1.45E-05	1.90E-03	6.06E-06	1.76E-03	5.34E-02	0.00E+00	9.82E-11	8.31E-11	1.33E-05	8.90E-08	6.13E-03	0.00E+00	5.34E-02	6.39E-11	5.34E-02	5.95E-02	6.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
VA36W	5.13E-05	1.26E-02	4.58E-03	8.06E-03	0.00E+00	0.00E+00	2.75E-01	2.05E-07	2.42E-05	1.36E-04	0.00E+00	4.56E-04	2.18E-09	5.81E-11	1.04E-03	5.27E-05	8.27E-04	2.01E-04	1.10E-05	2.26E-03	1.47E-01	0.00E+00	2.25E-10	2.47E-10	3.24E-05	5.74E-07	1.86E-02	0.00E+00	1.47E-01	2.94E-10	1.47E-01	1.66E-01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
VA36WWH	4.32E-06	3.61E-04	4.37E-03	4.73E-03	0.00E+00	0.00E+00	2.52E-01	1.26E-07	2.09E-05	1.02E-04	0.00E+00	4.08E-04	2.07E-09	4.96E-11	1.03E-03	5.02E-05	2.74E-03	6.17E-04	1.43E-05	4.04E-03	9.79E-02	0.00E+00	1.85E-10	1.50E-10	2.49E-05	1.25E-07	1.10E-02	0.00E+00	9.79E-02	1.04E-10	9.79E-02	1.09E-01	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04
VA48K	4.10E-05	3.29E-04	2.71E-03	2.38E-03	0.00E+00	0.00E+00	1.57E-01	8.13E-08	1.31E-05	6.43E-05	0.00E+00	2.54E-04	1.29E-09	3.10E-11	5.52E-04	3.11E-05	2.85E-03	4.69E-04	7.77E-06	2.23E-03	6.26E-02	0.00E+00	1.16E-10	9.71E-11	1.57E-05	9.65E-08	7.14E-03	0.00E+00	6.26E-02	7.22E-11	6.26E-02	6.97E-02	7.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
VA48NWB	9.18E-04	4.14E-01	7.26E-02	3.41E-01	0.00E+00	0.00E+00	4.53E+00	4.44E-06	4.20E-04	2.64E-03	0.00E+00	7.68E-03	3.45E-08	1.02E-09	5.11E-02	8.34E-04	2.90E-02	2.67E-03	5.99E-04	1.42E-01	3.06E+00	0.00E+00	4.07E-09	5.38E-09	6.16E-04	1.63E-05	4.11E-01	0.00E+00	3.06E+00	7.67E-09	3.06E+00	3.47E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-02
VA48V	6.50E-04	2.88E-01	5.43E-02	2.34E-01	0.00E+00	0.00E+00	3.37E+00	3.20E-06	3.10E-04	1.93E-03	0.00E+00	5.70E-03	2.58E-08	7.53E-10	3.48E-02	6.24E-04	1.92E-02	0.00E+00	4.06E-04	9.58E-02	2.22E+00	0.00E+00	3.00E-09	3.88E-09	4.51E-04	1.15E-05	2.96E-01	0.00E+00	2.22E+00	5.44E-09	2.22E+00	2.51E+00	2.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
VA48W	3.81E-05	2.45E-04	2.91E-03	2.66E-03	0.00E+00	0.00E+00	1.68E-01	8.67E-08	1.40E-05	6.88E-05	0.00E+00	2.73E-04	1.38E-09	3.33E-11	6.10E-04	3.34E-05	2.57E-03	1.04E-04	8.57E-06	2.45E-03	6.69E-02	0.00E+00	1.25E-10	1.04E-10	1.68E-05	1.00E-07	7.62E-03	0.00E+00	6.69E-02	7.60E-11	6.69E-02	7.45E-02	7.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
VB118B	7.27E-04	3.48E-01	5.70E-02	2.91E-01	0.00E+00	0.00E+00	3.58E+00	3.62E-06	3.33E-04	2.13E-03	0.00E+00	6.08E-03	2.71E-08	8.12E-10	4.40E-02	6.54E-04	3.17E-02	1.27E-02	5.17E-04	1.23E-01	2.48E+00	0.00E+00	3.25E-09	4.39E-09	4.95E-04	1.36E-05	3.35E-01	0.00E+00	2.48E+00	6.36E-09	2.48E+00	2.82E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02
VB118C	7.02E-04	3.23E-01	5.70E-02	2.66E-01	0.00E+00	0.00E+00	3.55E+00	3.48E-06	3.29E-04	2.07E-03	0.00E+00	6.03E-03	2.71E-08	8.00E-10	3.99E-02	6.54E-04	2.54E-02	5.75E-03	4.67E-04	1.11E-01	2.40E+00	0.00E+00	3.19E-09	4.22E-09	4.83E-04	1.28E-05	3.22E-01	0.00E+00	2.40E+00	6.00E-09	2.40E+00	2.72E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VB118L	6.36E-04	3.07E-01	5.06E-02	2.57E-01	0.00E+00	0.00E+00	3.17E+00	3.20E-06	2.96E-04	1.88E-03	0.00E+00	5.39E-03	2.40E-08	7.20E-10	3.87E-02	5.81E-04	2.57E-02	4.91E-03	4.55E-04	1.09E-01	2.20E+00	0.00E+00	2.88E-09	3.88E-09	4.39E-04	1.20E-05	2.97E-01	0.00E+00	2.20E+00	5.62E-09	2.20E+00	2.50E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-02
VB118P	7.02E-04	3.23E-01	5.70E-02	2.66E-01	0.00E+00	0.00E+00	3.55E+00	3.48E-06	3.29E-04	2.07E-03	0.00E+00	6.03E-03	2.71E-08	8.00E-10	3.99E-02	6.54E-04	2.54E-02	5.75E-03	4.67E-04	1.11E-01	2.40E+00	0.00E+00	3.19E-09	4.22E-09	4.83E-04	1.28E-05	3.22E-01	0.00E+00	2.40E+00	6.00E-09	2.40E+00	2.72E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VB118PB	6.94E-04	3.19E-01	5.63E-02	2.63E-01	0.00E+00	0.00E+00	3.51E+00	3.44E-06	3.25E-04	2.05E-03	0.00E+00	5.95E-03	2.67E-08	7.91E-10	3.94E-02	6.46E-04	2.51E-02	5.75E-03	4.62E-04	1.10E-01	2.37E+00	0.00E+00	3.16E-09	4.17E-09	4.77E-04	1.26E-05	3.18E-01	0.00E+00	2.37E+00	5.93E-09	2.37E+00	2.69E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-02
VB118PP	7.02E-04	3.23E-01	5.70E-02	2.66E-01	0.00E+00	0.00E+00	3.55E+00	3.48E-06	3.29E-04	2.07E-03	0.00E+00	6.03E-03	2.71E-08	8.00E-10	3.99E-02	6.54E-04	2.54E-02	5.75E-03	4.67E-04	1.11E-01	2.40E+00	0.00E+00	3.19E-09	4.22E-09	4.83E-04	1.28E-05	3.22E-01	0.00E+00	2.40E+00	6.00E-09	2.40E+00	2.72E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VB118R	6.25E-04	3.02E-01	4.98E-02	2.53E-01	0.00E+00	0.00E+00	3.12E+00	3.15E-06	2.91E-04	1.85E-03	0.00E+00	5.31E-03	2.36E-08	7.09E-10	3.81E-02	5.72E-04	2.54E-02	4.82E-03	4.48E-04	1.07E-01	2.16E+00	0.00E+00	2.84E-09	3.82E-09	4.32E-04	1.18E-05	2.92E-01	0.00E+00	2.16E+00	5.53E-09	2.16E+00	2.46E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-02
VB118TB	8.95E-04	4.16E-01	7.36E-02	3.42E-01	0.00E+00	0.00E+00	4.59E+00	4.49E-06	4.25E-04	2.67E-03	0.00E+00	7.78E-03	3.50E-08	1.03E-09	5.13E-02	8.46E-04	3.16E-02	6.00E-03	6.00E-04	1.42E-01	3.09E+00	0.00E+00	4.13E-09	5.44E-09	6.23E-04	1.64E-05	4.15E-01	0.00E+00	3.09E+00	7.73E-09	3.09E+00	3.51E+00	4.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-02
VB218B	8.71E-04	4.14E-01	6.76E-02	3.47E-01	0.00E+00	0.00E+00	4.24E+00	4.30E-06	3.96E-04	2.53E-03	0.00E+00	7.22E-03	3.21E-08	9.64E-10	5.24E-02	7.77E-04	3.60E-02	3.25E-03	6.16E-04	1.47E-01	2.95E+00	0.00E+00	3.86E-09	5.21E-09	5.88E-04	1.62E-05	3.98E-01	0.00E+00	2.95E+00	7.56E-09	2.95E+00	3.35E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-02
VB218C	9.77E-04	4.47E-01	7.97E-02	3.67E-01	0.00E+00	0.00E+00	4.97E+00	4.84E-06	4.60E-04	2.89E-03	0.00E+00	8.42E-03	3.79E-08	1.12E-09	5.49E-02	9.16E-04	3.41E-02	6.49E-03	6.43E-04	1.52E-01	3.34E+00	0.00E+00	4.46E-09	5.86E-09	6.73E-04	1.77E-05	4.47E-01	0.00E+00	3.34E+00	8.32E-09	3.34E+00	3.78E+00	4.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-02
VB218L	8.34E-04	3.99E-01	6.61E-02	3.33E-01	0.00E+00	0.00E+00	4.15E+00	4.17E-06	3.86E-04	2.46E-03	0.00E+00	7.05E-03	3.14E-08	9.41E-10	5.03E-02	7.60E-04	3.30E-02	5.96E-03	5.91E-04	1.41E-01	2.87E+00	0.00E+00	3.77E-09	5.06E-09	5.73E-04	1.56E-05	3.87E-01	0.00E+00	2.87E+00	7.31E-09	2.87E+00	3.25E+00	3.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-02
VB218P	9.77E-04	4.47E-01	7.97E-02	3.67E-01	0.00E+00	0.00E+00	4.97E+00	4.84E-06	4.60E-04	2.89E-03	0.00E+00	8.42E-03	3.79E-08	1.12E-09	5.49E-02	9.16E-04	3.41E-02	6.49E-03	6.43E-04	1.52E-01	3.34E+00	0.00E+00	4.46E-09	5.86E-09	6.73E-04	1.77E-05	4.47E-01	0.00E+00	3.34E+00	8.32E-09	3.34E+00	3.78E+00	4.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-02
VB218PB	9.54E-04	4.36E-01	7.78E-02	3.58E-01	0.00E+00	0.00E+00	4.85E+00	4.72E-06	4.48E-04	2.82E-03	0.00E+00	8.21E-03	3.69E-08	1.09E-09	5.37E-02	8.93E-04	3.34E-02	6.49E-03	6.28E-04	1.49E-01	3.26E+00	0.00E+00	4.35E-09	5.72E-09	6.57E-04	1.73E-05	4.36E-01	0.00E+00	3.26E+00	8.12E-09	3.26E+00	3.69E+00	4.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-02
VB218PP	9.65E-04	4.41E-01	7.87E-02	3.62E-01	0.00E+00	0.00E+00	4.91E+00	4.77E-06	4.54E-04	2.85E-03	0.00E+00	8.31E-03	3.74E-08	1.10E-09	5.43E-02	9.04E-04	3.37E-02	6.49E-03	6.35E-04	1.51E-01	3.29E+00	0.00E+00	4.40E-09	5.79E-09	6.65E-04	1.75E-05	4.42E-01	0.00E+00	3.29E+00	8.22E-09	3.29E+00	3.74E+00	4.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-02
VB218R	8.71E-04	4.14E-01	6.76E-02	3.47E-01	0.00E+00	0.00E+00	4.24E+00	4.30E-06	3.96E-04	2.53E-03	0.00E+00	7.22E-03	3.21E-08	9.64E-10	5.24E-02	7.77E-04	3.60E-02	3.25E-03	6.16E-04	1.47E-01	2.95E+00	0.00E+00	3.86E-09	5.21E-09	5.88E-04	1.62E-05	3.98E-01	0.00E+00	2.95E+00	7.56E-09	2.95E+00	3.35E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-02
VB218TB	9.54E-04	4.36E-01	7.78E-02	3.58E-01	0.00E+00	0.00E+00	4.85E+00	4.72E-06	4.48E-04	2.82E-03	0.00E+00	8.21E-03	3.69E-08	1.09E-09	5.37E-02	8.93E-04	3.34E-02	6.49E-03	6.28E-04	1.49E-01	3.26E+00	0.00E+00	4.35E-09	5.72E-09	6.57E-04	1.73E-05	4.36E-01	0.00E+00	3.26E+00	8.12E-09	3.26E+00	3.69E+00	4.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-02
VB318A	1.01E-03	4.58E-01	8.35E-02	3.74E-01	0.00E+00	0.00E+00	5.20E+00	5.01E-06	4.80E-04	3.00E-03	0.00E+00	8.80E-03	3.97E-08	1.17E-09	5.59E-02	9.59E-04	3.32E-02	4.03E-03	6.53E-04	1.55E-01	3.46E+00	0.00E+00	4.65E-09	6.07E-09	7.00E-04	1.82E-05	4.63E-01	0.00E+00	3.46E+00	8.57E-09	3.46E+00	3.92E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-02
VB318B	9.92E-04	4.64E-01	7.70E-02	3.87E-01	0.00E+00	0.00E+00	4.83E+00	4.85E-06	4.49E-04	2.86E-03	0.00E+00	8.20E-03	3.66E-08	1.09E-09	5.83E-02	8.85E-04	3.99E-02	3.04E-03	6.85E-04	1.63E-01	3.33E+00	0.00E+00	4.38E-09	5.88E-09	6.66E-04	1.82E-05	4.50E-01	0.00E+00	3.33E+00	8.50E-09	3.33E+00	3.78E+00	4.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-02
VB318L	1.46E-03	6.80E-01	1.15E-01	5.64E-01	0.00E+00	0.00E+00	7.21E+00	7.18E-06	6.70E-04	4.25E-03	0.00E+00	1.22E-02	5.47E-08	1.63E-09	8.49E-02	1.32E-03	5.39E-02	6.07E-03	9.97E-04	2.37E-01	4.94E+00	0.00E+00	6.52E-09	8.70E-09	9.89E-04	2.67E-05	6.65E-01	0.00E+00	4.94E+00	1.25E-08	4.94E+00	5.60E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-02
VB318MMP	9.09E-04	4.23E-01	7.23E-02	3.51E-01	0.00E+00	0.00E+00	4.52E+00	4.49E-06	4.20E-04	2.66E-03	0.00E+00	7.68E-03	3.44E-08	1.02E-09	5.27E-02	8.31E-04	2.95E-02	5.24E-03	6.19E-04	1.47E-01	3.09E+00	0.00E+00	4.09E-09	5.44E-09	6.19E-04	1.66E-05	4.15E-01	0.00E+00	3.09E+00	7.80E-09	3.09E+00	3.50E+00	4.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-02
VB318MMT	1.10E-03	5.13E-01	8.80E-02	4.25E-01	0.00E+00	0.00E+00	5.50E+00	5.45E-06	5.10E-04	3.23E-03	0.00E+00	9.33E-03	4.18E-08	1.24E-09	6.38E-02	1.01E-03	3.57E-02	5.86E-03	7.48E-04	1.78E-01	3.75E+00	0.00E+00	4.97E-09	6.60E-09	7.52E-04	2.02E-05	5.04E-01	0.00E+00	3.75E+00	9.46E-09	3.75E+00	4.25E+00	5.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-02
VB318MP	1.30E-03	5.95E-01	1.06E-01	4.90E-01	0.00E+00	0.00E+00	6.59E+00	6.43E-06	6.10E-04	3.83E-03	0.00E+00	1.12E-02	5.02E-08	1.48E-09	7.33E-02	1.21E-03	4.60E-02	9.47E-03	8.58E-04	2.04E-01	4.43E+00	0.00E+00	5.92E-09	7.79E-09	8.94E-04	2.35E-05	5.95E-01	0.00E+00	4.43E+00	1.11E-08	4.43E+00	5.03E+00	5.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02
VB318P	1.31E-03	5.97E-01	1.08E-01	4.90E-01	0.00E+00	0.00E+00	6.70E+00	6.49E-06	6.19E-04	3.88E-03	0.00E+00	1.13E-02	5.11E-08	1.51E-09	7.32E-02	1.24E-03	4.47E-02	7.33E-03	8.57E-04	2.03E-01	4.48E+00	0.00E+00	6.00E-09	7.87E-09	9.06E-04	2.37E-05	6.00E-01	0.00E+00	4.48E+00	1.11E-08	4.48E+00	5.08E+00	6.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02
VB318PB	1.30E-03	5.92E-01	1.07E-01	4.86E-01	0.00E+00	0.00E+00	6.64E+00	6.44E-06	6.14E-04	3.85E-03	0.00E+00	1.12E-02	5.06E-08	1.49E-09	7.26E-02	1.22E-03	4.44E-02	7.33E-03	8.50E-04	2.01E-01	4.45E+00	0.00E+00	5.95E-09	7.80E-09	8.98E-04	2.35E-05	5.95E-01	0.00E+00	4.45E+00	1.11E-08	4.45E+00	5.04E+00	5.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-02
VB318PE	1.32E-03	6.00E-01	1.08E-01	4.92E-01	0.00E+00	0.00E+00	6.73E+00	6.53E-06	6.22E-04	3.90E-03	0.00E+00	1.14E-02	5.13E-08	1.51E-09	7.36E-02	1.24E-03	4.49E-02	7.33E-03	8.60E-04	2.04E-01	4.50E+00	0.00E+00	6.03E-09	7.91E-09	9.10E-04	2.38E-05	6.03E-01	0.00E+00	4.50E+00	1.12E-08	4.50E+00	5.11E+00	6.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02
VB318PP	1.32E-03	6.00E-01	1.08E-01	4.92E-01	0.00E+00	0.00E+00	6.73E+00	6.52E-06	6.22E-04	3.90E-03	0.00E+00	1.14E-02	5.13E-08	1.51E-09	7.36E-02	1.24E-03	4.49E-02	7.33E-03	8.60E-04	2.04E-01	4.50E+00	0.00E+00	6.03E-09	7.91E-09	9.10E-04	2.38E-05	6.03E-01	0.00E+00	4.50E+00	1.12E-08	4.50E+00	5.11E+00	6.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02
VB318R	1.39E-03	6.75E-01	1.08E-01	5.67E-01	0.00E+00	0.00E+00	6.79E+00	6.94E-06	6.35E-04	4.07E-03	0.00E+00	1.16E-02	5.13E-08	1.55E-09	8.58E-02	1.24E-03	6.37E-02	2.82E-02	1.01E-03	2.41E-01	4.76E+00	0.00E+00	6.21E-09	8.42E-09	9.46E-04	2.63E-05	6.44E-01	0.00E+00	4.76E+00	1.23E-08	4.76E+00	5.40E+00	6.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-02
VB318TB	1.30E-03	5.92E-01	1.07E-01	4.86E-01	0.00E+00	0.00E+00	6.64E+00	6.44E-06	6.14E-04	3.85E-03	0.00E+00	1.12E-02	5.06E-08	1.49E-09	7.26E-02	1.22E-03	4.44E-02	7.33E-03	8.50E-04	2.01E-01	4.45E+00	0.00E+00	5.95E-09	7.80E-09	8.98E-04	2.35E-05	5.95E-01	0.00E+00	4.45E+00	1.11E-08	4.45E+00	5.04E+00	5.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-02
VB418A	1.19E-03	5.35E-01	9.80E-02	4.37E-01	0.00E+00	0.00E+00	6.09E+00	5.86E-06	5.62E-04	3.51E-03	0.00E+00	1.03E-02	4.65E-08	1.37E-09	6.52E-02	1.13E-03	3.83E-02	4.03E-03	7.61E-04	1.80E-01	4.05E+00	0.00E+00	5.44E-09	7.10E-09	8.20E-04	2.12E-05	5.42E-01	0.00E+00	4.05E+00	1.00E-08	4.05E+00	4.59E+00	5.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-02
VB418B	1.51E-03	7.41E-01	1.15E-01	6.26E-01	0.00E+00	0.00E+00	7.26E+00	7.53E-06	6.81E-04	4.39E-03	0.00E+00	1.24E-02	5.48E-08	1.66E-09	9.50E-02	1.32E-03	7.34E-02	3.60E-02	1.12E-03	2.68E-01	5.15E+00	0.00E+00	6.67E-09	9.13E-09	1.02E-03	2.88E-05	6.98E-01	0.00E+00	5.15E+00	1.34E-08	5.15E+00	5.85E+00	6.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-02
VB418C	1.37E-03	6.15E-01	1.13E-01	5.02E-01	0.00E+00	0.00E+00	7.03E+00	6.75E-06	6.48E-04	4.05E-03	0.00E+00	1.19E-02	5.37E-08	1.58E-09	7.49E-02	1.30E-03	4.38E-02	4.13E-03	8.75E-04	2.07E-01	4.67E+00	0.00E+00	6.28E-09	8.18E-09	9.46E-04	2.44E-05	6.24E-01	0.00E+00	4.67E+00	1.15E-08	4.67E+00	5.29E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-02
VB418L	1.22E-03	5.83E-01	9.57E-02	4.87E-01	0.00E+00	0.00E+00	6.00E+00	6.06E-06	5.60E-04	3.57E-03	0.00E+00	1.02E-02	4.54E-08	1.36E-09	7.35E-02	1.10E-03	4.84E-02	6.92E-03	8.64E-04	2.06E-01	4.16E+00	0.00E+00	5.46E-09	7.35E-09	8.31E-04	2.28E-05	5.62E-01	0.00E+00	4.16E+00	1.06E-08	4.16E+00	4.73E+00	5.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-02
VB418MMP	1.87E-03	8.76E-01	1.50E-01	7.26E-01	0.00E+00	0.00E+00	9.36E+00	9.29E-06	8.69E-04	5.50E-03	0.00E+00	1.59E-02	7.11E-08	2.12E-09	1.09E-01	1.72E-03	6.20E-02	9.59E-03	1.28E-03	3.05E-01	6.39E+00	0.00E+00	8.46E-09	1.13E-08	1.28E-03	3.44E-05	8.60E-01	0.00E+00	6.39E+00	1.61E-08	6.39E+00	7.25E+00	8.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-02
VB418MMT	1.36E-03	6.38E-01	1.08E-01	5.30E-01	0.00E+00	0.00E+00	6.77E+00	6.74E-06	6.29E-04	3.99E-03	0.00E+00	1.15E-02	5.14E-08	1.53E-09	7.98E-02	1.24E-03	4.53E-02	7.94E-03	9.36E-04	2.23E-01	4.64E+00	0.00E+00	6.13E-09	8.17E-09	9.29E-04	2.51E-05	6.24E-01	0.00E+00	4.64E+00	1.17E-08	4.64E+00	5.26E+00	6.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-02
VB418MTP	1.33E-03	6.27E-01	1.05E-01	5.22E-01	0.00E+00	0.00E+00	6.60E+00	6.60E-06	6.14E-04	3.90E-03	0.00E+00	1.12E-02	5.01E-08	1.49E-09	7.86E-02	1.21E-03	4.50E-02	8.06E-03	9.23E-04	2.20E-01	4.54E+00	0.00E+00	5.98E-09	8.00E-09	9.08E-04	2.46E-05	6.11E-01	0.00E+00	4.54E+00	1.15E-08	4.54E+00	5.15E+00	6.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-02
VB418MTT	2.05E-03	9.60E-01	1.63E-01	7.96E-01	0.00E+00	0.00E+00	1.02E+01	1.02E-05	9.50E-04	6.02E-03	0.00E+00	1.74E-02	7.76E-08	2.31E-09	1.20E-01	1.88E-03	6.83E-02	1.04E-02	1.41E-03	3.34E-01	6.99E+00	0.00E+00	9.24E-09	1.23E-08	1.40E-03	3.77E-05	9.41E-01	0.00E+00	6.99E+00	1.77E-08	6.99E+00	7.93E+00	9.41E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02
VB418P	1.37E-03	6.16E-01	1.13E-01	5.03E-01	0.00E+00	0.00E+00	7.04E+00	6.77E-06	6.50E-04	4.06E-03	0.00E+00	1.19E-02	5.38E-08	1.58E-09	7.50E-02	1.30E-03	4.38E-02	4.13E-03	8.76E-04	2.07E-01	4.68E+00	0.00E+00	6.29E-09	8.20E-09	9.48E-04	2.45E-05	6.25E-01	0.00E+00	4.68E+00	1.16E-08	4.68E+00	5.30E+00	6.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-02
VB418PB	1.38E-03	6.31E-01	1.13E-01	5.17E-01	0.00E+00	0.00E+00	7.05E+00	6.85E-06	6.52E-04	4.09E-03	0.00E+00	1.19E-02	5.38E-08	1.59E-09	7.74E-02	1.30E-03	4.75E-02	8.16E-03	9.05E-04	2.15E-01	4.73E+00	0.00E+00	6.32E-09	8.30E-09	9.54E-04	2.50E-05	6.33E-01	0.00E+00	4.73E+00	1.18E-08	4.73E+00	5.36E+00	6.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-02
VB418PE	1.41E-03	6.40E-01	1.15E-01	5.25E-01	0.00E+00	0.00E+00	7.16E+00	6.95E-06	6.62E-04	4.15E-03	0.00E+00	1.21E-02	5.46E-08	1.61E-09	7.85E-02	1.32E-03	4.81E-02	8.16E-03	9.18E-04	2.18E-01	4.80E+00	0.00E+00	6.42E-09	8.42E-09	9.69E-04	2.53E-05	6.43E-01	0.00E+00	4.80E+00	1.19E-08	4.80E+00	5.44E+00	6.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-02
VB418PP	1.41E-03	6.41E-01	1.15E-01	5.25E-01	0.00E+00	0.00E+00	7.17E+00	6.96E-06	6.63E-04	4.16E-03	0.00E+00	1.21E-02	5.47E-08	1.61E-09	7.86E-02	1.32E-03	4.81E-02	8.16E-03	9.19E-04	2.18E-01	4.80E+00	0.00E+00	6.43E-09	8.43E-09	9.70E-04	2.54E-05	6.43E-01	0.00E+00	4.80E+00	1.20E-08	4.80E+00	5.45E+00	6.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-02
VB418R	1.51E-03	7.41E-01	1.15E-01	6.26E-01	0.00E+00	0.00E+00	7.26E+00	7.53E-06	6.81E-04	4.39E-03	0.00E+00	1.24E-02	5.48E-08	1.66E-09	9.50E-02	1.32E-03	7.34E-02	3.60E-02	1.12E-03	2.68E-01	5.15E+00	0.00E+00	6.67E-09	9.13E-09	1.02E-03	2.88E-05	6.98E-01	0.00E+00	5.15E+00	1.34E-08	5.15E+00	5.85E+00	6.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-02
VB418TB	1.38E-03	6.31E-01	1.13E-01	5.17E-01	0.00E+00	0.00E+00	7.05E+00	6.85E-06	6.52E-04	4.09E-03	0.00E+00	1.19E-02	5.38E-08	1.59E-09	7.74E-02	1.30E-03	4.75E-02	8.16E-03	9.05E-04	2.15E-01	4.73E+00	0.00E+00	6.32E-09	8.30E-09	9.54E-04	2.50E-05	6.33E-01	0.00E+00	4.73E+00	1.18E-08	4.73E+00	5.36E+00	6.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-02
VD101ND	1.17E-04	3.28E-02	3.80E-02	7.08E-02	0.00E+00	0.00E+00	2.17E+00	9.32E-07	1.77E-04	8.17E-04	0.00E+00	3.49E-03	1.81E-08	4.18E-10	1.38E-02	4.37E-04	2.70E-02	4.69E-02	1.84E-04	5.00E-02	7.51E-01	0.00E+00	1.54E-09	1.11E-09	2.02E-04	8.44E-08	8.00E-02	0.00E+00	7.51E-01	4.83E-10	7.51E-01	8.31E-01	8.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-03
VD101NT	4.15E-05	2.18E-02	2.98E-03	1.88E-02	0.00E+00	0.00E+00	1.90E-01	2.09E-07	1.80E-05	1.19E-04	0.00E+00	3.25E-04	1.41E-09	4.41E-11	2.88E-03	3.42E-05	2.55E-03	1.66E-03	3.41E-05	8.22E-03	1.42E-01	0.00E+00	1.79E-10	2.54E-10	2.76E-05	8.32E-07	1.95E-02	0.00E+00	1.42E-01	3.83E-10	1.42E-01	1.61E-01	1.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
VD102ND	9.21E-05	4.35E-02	3.60E-02	7.95E-02	0.00E+00	0.00E+00	2.05E+00	8.14E-07	1.66E-04	7.46E-04	0.00E+00	3.28E-03	1.71E-08	3.90E-10	1.51E-02	4.14E-04	2.77E-02	4.69E-02	1.99E-04	5.36E-02	6.69E-01	0.00E+00	1.43E-09	9.62E-10	1.86E-04	3.40E-07	6.91E-02	0.00E+00	6.69E-01	2.82E-10	6.69E-01	7.38E-01	6.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-03
VD102NE	7.16E-05	3.26E-02	5.02E-03	2.76E-02	0.00E+00	0.00E+00	3.17E-01	3.30E-07	2.97E-05	1.92E-04	0.00E+00	5.40E-04	2.39E-09	7.25E-11	4.19E-03	5.77E-05	3.27E-03	1.66E-03	4.94E-05	1.18E-02	2.25E-01	0.00E+00	2.91E-10	4.00E-10	4.46E-05	1.27E-06	3.06E-02	0.00E+00	2.25E-01	5.87E-10	2.25E-01	2.56E-01	3.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
VD102NT	6.72E-05	3.31E-02	5.12E-03	2.80E-02	0.00E+00	0.00E+00	3.23E-01	3.36E-07	3.03E-05	1.96E-04	0.00E+00	5.51E-04	2.43E-09	7.39E-11	4.25E-03	5.89E-05	3.31E-03	1.66E-03	5.02E-05	1.20E-02	2.30E-01	0.00E+00	2.97E-10	4.07E-10	4.54E-05	1.29E-06	3.11E-02	0.00E+00	2.30E-01	5.98E-10	2.30E-01	2.61E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
VD104NE	1.11E-04	5.31E-02	8.77E-03	4.44E-02	0.00E+00	0.00E+00	5.50E-01	5.54E-07	5.12E-05	3.26E-04	0.00E+00	9.35E-04	4.16E-09	1.25E-10	6.69E-03	1.01E-04	4.76E-03	1.84E-03	7.87E-05	1.88E-02	3.81E-01	0.00E+00	5.00E-10	6.72E-10	7.60E-05	2.08E-06	5.14E-02	0.00E+00	3.81E-01	9.72E-10	3.81E-01	4.32E-01	5.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
VD104NT	1.11E-04	5.31E-02	8.77E-03	4.44E-02	0.00E+00	0.00E+00	5.50E-01	5.54E-07	5.12E-05	3.26E-04	0.00E+00	9.35E-04	4.16E-09	1.25E-10	6.69E-03	1.01E-04	4.76E-03	1.84E-03	7.87E-05	1.88E-02	3.81E-01	0.00E+00	5.00E-10	6.72E-10	7.60E-05	2.08E-06	5.14E-02	0.00E+00	3.81E-01	9.72E-10	3.81E-01	4.32E-01	5.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
VD106NE	1.88E-04	7.97E-02	1.41E-02	6.56E-02	0.00E+00	0.00E+00	8.78E-01	8.59E-07	8.13E-05	5.11E-04	0.00E+00	1.49E-03	6.69E-09	1.98E-10	9.83E-03	1.62E-04	6.23E-03	1.37E-03	1.15E-04	2.73E-02	5.92E-01	0.00E+00	7.89E-10	1.04E-09	1.19E-04	3.15E-06	7.94E-02	0.00E+00	5.92E-01	1.48E-09	5.92E-01	6.71E-01	7.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-03
VD106NP	1.85E-04	8.25E-02	1.50E-02	6.76E-02	0.00E+00	0.00E+00	9.32E-01	9.01E-07	8.60E-05	5.39E-04	0.00E+00	1.58E-03	7.11E-09	2.09E-10	1.01E-02	1.72E-04	6.61E-03	1.84E-03	1.18E-04	2.80E-02	6.22E-01	0.00E+00	8.34E-10	1.09E-09	1.26E-04	3.27E-06	8.32E-02	0.00E+00	6.22E-01	1.54E-09	6.22E-01	7.05E-01	8.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-03
VD106PD	4.91E-05	2.02E-02	4.02E-03	1.61E-02	0.00E+00	0.00E+00	2.49E-01	2.31E-07	2.28E-05	1.40E-04	0.00E+00	4.20E-04	1.91E-09	5.52E-11	2.38E-03	4.62E-05	2.23E-03	1.46E-03	2.77E-05	6.50E-03	1.60E-01	0.00E+00	2.19E-10	2.79E-10	3.28E-05	8.11E-07	2.13E-02	0.00E+00	1.60E-01	3.86E-10	1.60E-01	1.81E-01	2.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
VD106TD	3.43E-05	1.34E-02	2.83E-03	1.06E-02	0.00E+00	0.00E+00	1.74E-01	1.58E-07	1.59E-05	9.67E-05	0.00E+00	2.93E-04	1.34E-09	3.85E-11	1.55E-03	3.25E-05	1.76E-03	1.42E-03	1.79E-05	4.18E-03	1.10E-01	0.00E+00	1.52E-10	1.91E-10	2.27E-05	5.43E-07	1.45E-02	0.00E+00	1.10E-01	2.60E-10	1.10E-01	1.24E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04
VD106TF	1.68E-04	7.44E-02	1.36E-02	6.08E-02	0.00E+00	0.00E+00	8.46E-01	8.15E-07	7.80E-05	4.88E-04	0.00E+00	1.43E-03	6.46E-09	1.90E-10	9.08E-03	1.56E-04	6.00E-03	1.81E-03	1.06E-04	2.51E-02	5.63E-01	0.00E+00	7.56E-10	9.87E-10	1.14E-04	2.95E-06	7.53E-02	0.00E+00	5.63E-01	1.39E-09	5.63E-01	6.38E-01	7.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-03
VD108NE	2.21E-04	9.41E-02	1.65E-02	7.76E-02	0.00E+00	0.00E+00	1.03E+00	1.01E-06	9.52E-05	6.00E-04	0.00E+00	1.74E-03	7.82E-09	2.32E-10	1.16E-02	1.89E-04	7.50E-03	1.85E-03	1.36E-04	3.24E-02	6.95E-01	0.00E+00	9.25E-10	1.22E-09	1.40E-04	3.71E-06	9.33E-02	0.00E+00	6.95E-01	1.74E-09	6.95E-01	7.89E-01	9.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03
VD108NP	5.92E-05	2.56E-02	4.90E-03	2.07E-02	0.00E+00	0.00E+00	3.04E-01	2.87E-07	2.79E-05	1.73E-04	0.00E+00	5.14E-04	2.33E-09	6.78E-11	3.08E-03	5.63E-05	2.74E-03	1.45E-03	3.58E-05	8.45E-03	1.99E-01	0.00E+00	2.70E-10	3.48E-10	4.05E-05	1.02E-06	2.65E-02	0.00E+00	1.99E-01	4.85E-10	1.99E-01	2.25E-01	2.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
VD108PD	1.79E-04	7.98E-02	1.45E-02	6.53E-02	0.00E+00	0.00E+00	9.05E-01	8.73E-07	8.35E-05	5.22E-04	0.00E+00	1.53E-03	6.90E-09	2.03E-10	9.75E-03	1.67E-04	6.40E-03	1.87E-03	1.14E-04	2.70E-02	6.03E-01	0.00E+00	8.09E-10	1.06E-09	1.22E-04	3.17E-06	8.07E-02	0.00E+00	6.03E-01	1.49E-09	6.03E-01	6.83E-01	8.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03
VD108PP	1.93E-04	8.72E-02	1.56E-02	7.16E-02	0.00E+00	0.00E+00	9.72E-01	9.45E-07	8.99E-05	5.64E-04	0.00E+00	1.65E-03	7.41E-09	2.19E-10	1.07E-02	1.79E-04	7.09E-03	1.90E-03	1.25E-04	2.97E-02	6.52E-01	0.00E+00	8.71E-10	1.15E-09	1.32E-04	3.45E-06	8.74E-02	0.00E+00	6.52E-01	1.63E-09	6.52E-01	7.40E-01	8.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-03
VD108TD	3.43E-05	1.33E-02	2.92E-03	1.04E-02	0.00E+00	0.00E+00	1.80E-01	1.60E-07	1.63E-05	9.88E-05	0.00E+00	3.02E-04	1.39E-09	3.95E-11	1.52E-03	3.35E-05	1.73E-03	1.43E-03	1.75E-05	4.07E-03	1.12E-01	0.00E+00	1.56E-10	1.94E-10	2.32E-05	5.45E-07	1.47E-02	0.00E+00	1.12E-01	2.62E-10	1.12E-01	1.27E-01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04
VD108TF	1.81E-04	7.98E-02	1.46E-02	6.52E-02	0.00E+00	0.00E+00	9.07E-01	8.74E-07	8.37E-05	5.23E-04	0.00E+00	1.54E-03	6.93E-09	2.04E-10	9.73E-03	1.68E-04	6.41E-03	1.92E-03	1.14E-04	2.69E-02	6.04E-01	0.00E+00	8.11E-10	1.06E-09	1.22E-04	3.17E-06	8.08E-02	0.00E+00	6.04E-01	1.49E-09	6.04E-01	6.85E-01	8.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03

VD108TP	2.20E-04	9.34E-02	1.65E-02	7.69E-02	0.00E+00	0.00E+00	1.03E+00	1.01E-06	9.51E-05	5.98E-04	0.00E+00	1.74E-03	7.82E-09	2.31E-10	1.15E-02	1.89E-04	7.32E-03	1.65E-03	1.35E-04	3.20E-02	6.93E-01	0.00E+00	9.23E-10	1.22E-09	1.40E-04	3.69E-06	9.30E-02	0.00E+00	6.93E-01	1.73E-09	6.93E-01	7.86E-01	9.30E-02	0.00E+00	0.00E+00	0.00E+00	5.79E-03
VD110NE	2.48E-04	1.06E-01	1.84E-02	8.80E-02	0.00E+00	0.00E+00	1.15E+00	1.14E-06	1.07E-04	6.75E-04	0.00E+00	1.96E-03	8.76E-09	2.60E-10	1.32E-02	2.12E-04	8.67E-03	2.37E-03	1.55E-04	3.68E-02	7.83E-01	0.00E+00	1.04E-09	1.38E-09	1.57E-04	4.20E-06	1.05E-01	0.00E+00	7.83E-01	1.97E-09	7.83E-01	8.88E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	6.65E-03
VD110NP	2.95E-05	1.15E-02	2.54E-03	8.92E-03	0.00E+00	0.00E+00	1.56E-01	1.39E-07	1.42E-05	8.56E-05	0.00E+00	2.62E-04	1.21E-09	3.43E-11	1.30E-03	2.92E-05	1.75E-03	1.35E-03	1.49E-05	3.47E-03	9.68E-02	0.00E+00	1.35E-10	1.68E-10	2.01E-05	4.69E-07	1.27E-02	0.00E+00	9.68E-02	2.26E-10	9.68E-02	1.10E-01	1.27E-02	0.00E+00	0.00E+00	0.00E+00	6.42E-04
VD110PD	1.79E-04	7.92E-02	1.45E-02	6.47E-02	0.00E+00	0.00E+00	9.04E-01	8.69E-07	8.34E-05	5.21E-04	0.00E+00	1.53E-03	6.90E-09	2.03E-10	9.65E-03	1.67E-04	6.37E-03	1.87E-03	1.13E-04	2.67E-02	6.01E-01	0.00E+00	8.07E-10	1.05E-09	1.22E-04	3.15E-06	8.03E-02	0.00E+00	6.01E-01	1.49E-09	6.01E-01	6.81E-01	8.03E-02	0.00E+00	0.00E+00	0.00E+00	4.84E-03
VD110PP	2.06E-04	9.29E-02	1.67E-02	7.62E-02	0.00E+00	0.00E+00	1.04E+00	1.01E-06	9.61E-05	6.02E-04	0.00E+00	1.76E-03	7.92E-09	2.34E-10	1.14E-02	1.92E-04	7.50E-03	1.94E-03	1.33E-04	3.16E-02	6.96E-01	0.00E+00	9.31E-10	1.22E-09	1.41E-04	3.68E-06	9.32E-02	0.00E+00	6.96E-01	1.73E-09	6.96E-01	7.89E-01	9.32E-02	0.00E+00	0.00E+00	0.00E+00	5.73E-03
VD110PT	2.30E-04	1.05E-01	1.87E-02	8.65E-02	0.00E+00	0.00E+00	1.17E+00	1.14E-06	1.08E-04	6.78E-04	0.00E+00	1.98E-03	8.88E-09	2.62E-10	1.30E-02	2.15E-04	8.11E-03	1.65E-03	1.52E-04	3.60E-02	7.84E-01	0.00E+00	1.05E-09	1.38E-09	1.58E-04	4.16E-06	1.05E-01	0.00E+00	7.84E-01	1.96E-09	7.84E-01	8.89E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	6.51E-03
VD110TD	3.51E-05	1.33E-02	3.01E-03	1.03E-02	0.00E+00	0.00E+00	1.85E-01	1.63E-07	1.67E-05	1.01E-04	0.00E+00	3.10E-04	1.43E-09	4.05E-11	1.49E-03	3.46E-05	1.73E-03	1.44E-03	1.72E-05	3.97E-03	1.14E-01	0.00E+00	1.60E-10	1.97E-10	2.37E-05	5.46E-07	1.50E-02	0.00E+00	1.14E-01	2.64E-10	1.14E-01	1.29E-01	1.50E-02	0.00E+00	0.00E+00	0.00E+00	7.36E-04
VD110TF	2.30E-04	1.02E-01	1.84E-02	8.33E-02	0.00E+00	0.00E+00	1.15E+00	1.11E-06	1.06E-04	6.64E-04	0.00E+00	1.94E-03	8.76E-09	2.58E-10	1.25E-02	2.12E-04	8.02E-03	2.11E-03	1.46E-04	3.45E-02	7.67E-01	0.00E+00	1.03E-09	1.34E-09	1.55E-04	4.04E-06	1.03E-01	0.00E+00	7.67E-01	1.90E-09	7.67E-01	8.69E-01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	6.25E-03
VD110TP	2.45E-04	1.04E-01	1.84E-02	8.54E-02	0.00E+00	0.00E+00	1.15E+00	1.12E-06	1.06E-04	6.69E-04	0.00E+00	1.95E-03	8.76E-09	2.59E-10	1.28E-02	2.12E-04	8.02E-03	1.65E-03	1.50E-04	3.55E-02	7.74E-01	0.00E+00	1.03E-09	1.36E-09	1.56E-04	4.11E-06	1.04E-01	0.00E+00	7.74E-01	1.93E-09	7.74E-01	8.78E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	6.43E-03
VD110TT	2.49E-04	1.05E-01	1.87E-02	8.65E-02	0.00E+00	0.00E+00	1.17E+00	1.14E-06	1.08E-04	6.78E-04	0.00E+00	1.98E-03	8.88E-09	2.62E-10	1.30E-02	2.15E-04	8.11E-03	1.65E-03	1.52E-04	3.60E-02	7.84E-01	0.00E+00	1.05E-09	1.38E-09	1.58E-04	4.16E-06	1.05E-01	0.00E+00	7.84E-01	1.96E-09	7.84E-01	8.89E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	6.51E-03
VD112NE	3.53E-04	1.49E-01	2.65E-02	1.23E-01	0.00E+00	0.00E+00	1.65E+00	1.61E-06	1.53E-04	9.62E-04	0.00E+00	2.80E-03	1.26E-08	3.72E-10	1.84E-02	3.05E-04	1.15E-02	2.37E-03	2.15E-04	5.11E-02	1.11E+00	0.00E+00	1.49E-09	1.96E-09	2.24E-04	5.91E-06	1.49E-01	0.00E+00	1.11E+00	2.78E-09	1.11E+00	1.26E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	9.25E-03
VD112NP	1.73E-04	6.90E-02	1.41E-02	5.49E-02	0.00E+00	0.00E+00	8.68E-01	7.98E-07	7.94E-05	4.87E-04	0.00E+00	1.46E-03	6.68E-09	1.92E-10	8.09E-03	1.62E-04	5.42E-03	1.81E-03	9.37E-05	2.20E-02	5.55E-01	0.00E+00	7.63E-10	9.66E-10	1.14E-04	2.78E-06	7.35E-02	0.00E+00	5.55E-01	1.33E-09	5.55E-01	6.28E-01	7.35E-02	0.00E+00	0.00E+00	0.00E+00	4.02E-03
VD112PD	2.01E-04	8.26E-02	1.63E-02	6.62E-02	0.00E+00	0.00E+00	1.01E+00	9.40E-07	9.26E-05	5.70E-04	0.00E+00	1.70E-03	7.75E-09	2.25E-10	9.80E-03	1.88E-04	6.45E-03	1.93E-03	1.14E-04	2.68E-02	6.53E-01	0.00E+00	8.92E-10	1.14E-09	1.34E-04	3.32E-06	8.67E-02	0.00E+00	6.53E-01	1.58E-09	6.53E-01	7.40E-01	8.67E-02	0.00E+00	0.00E+00	0.00E+00	4.89E-03
VD112PP	2.01E-04	8.26E-02	1.63E-02	6.62E-02	0.00E+00	0.00E+00	1.01E+00	9.40E-07	9.26E-05	5.70E-04	0.00E+00	1.70E-03	7.75E-09	2.25E-10	9.80E-03	1.88E-04	6.45E-03	1.93E-03	1.14E-04	2.68E-02	6.53E-01	0.00E+00	8.92E-10	1.14E-09	1.34E-04	3.32E-06	8.67E-02	0.00E+00	6.53E-01	1.58E-09	6.53E-01	7.40E-01	8.67E-02	0.00E+00	0.00E+00	0.00E+00	4.89E-03
VD112TD	3.80E-04	1.65E-01	3.07E-02	1.34E-01	0.00E+00	0.00E+00	1.91E+00	1.82E-06	1.76E-04	1.10E-03	0.00E+00	3.23E-03	1.46E-08	4.27E-10	2.00E-02	3.53E-04	1.23E-02	2.48E-03	2.34E-04	5.52E-02	1.26E+00	0.00E+00	1.70E-09	2.21E-09	2.56E-04	6.57E-06	1.68E-01	0.00E+00	1.26E+00	3.11E-09	1.26E+00	1.43E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	1.00E-02
VD112TF	1.23E-04	4.64E-02	1.01E-02	3.63E-02	0.00E+00	0.00E+00	6.22E-01	5.56E-07	5.66E-05	3.43E-04	0.00E+00	1.05E-03	4.81E-09	1.37E-10	5.30E-03	1.16E-04	3.83E-03	1.71E-03	6.11E-05	1.42E-02	3.88E-01	0.00E+00	5.41E-10	6.73E-10	8.05E-05	1.90E-06	5.12E-02	0.00E+00	3.88E-01	9.10E-10	3.88E-01	4.40E-01	5.12E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
VD112TP	3.55E-04	1.51E-01	2.65E-02	1.25E-01	0.00E+00	0.00E+00	1.66E+00	1.62E-06	1.53E-04	9.66E-04	0.00E+00	2.81E-03	1.26E-08	3.73E-10	1.87E-02	3.05E-04	1.20E-02	2.84E-03	2.19E-04	5.19E-02	1.12E+00	0.00E+00	1.49E-09	1.97E-09	2.25E-04	5.96E-06	1.50E-01	0.00E+00	1.12E+00	2.80E-09	1.12E+00	1.27E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	9.39E-03
VD118NE	4.52E-04	1.92E-01	3.39E-02	1.58E-01	0.00E+00	0.00E+00	2.11E+00	2.07E-06	1.96E-04	1.23E-03	0.00E+00	3.58E-03	1.61E-08	4.76E-10	2.37E-02	3.89E-04	1.50E-02	3.31E-03	2.77E-04	6.58E-02	1.43E+00	0.00E+00	1.90E-09	2.51E-09	2.87E-04	7.58E-06	1.91E-01	0.00E+00	1.43E+00	3.57E-09	1.43E+00	1.62E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	1.19E-02
VD118NP	4.11E-04	1.76E-01	3.29E-02	1.43E-01	0.00E+00	0.00E+00	2.04E+00	1.95E-06	1.88E-04	1.17E-03	0.00E+00	3.45E-03	1.56E-08	4.57E-10	2.12E-02	3.78E-04	1.33E-02	2.73E-03	2.48E-04	5.85E-02	1.35E+00	0.00E+00	1.82E-09	2.36E-09	2.73E-04	6.99E-06	1.80E-01	0.00E+00	1.35E+00	3.31E-09	1.35E+00	1.53E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	1.06E-02
VD118PD	4.86E-04	2.15E-01	3.88E-02	1.76E-01	0.00E+00	0.00E+00	2.42E+00	2.34E-06	2.23E-04	1.40E-03	0.00E+00	4.09E-03	1.84E-08	5.43E-10	2.63E-02	4.46E-04	1.63E-02	2.86E-03	3.08E-04	7.30E-02	1.62E+00	0.00E+00	2.16E-09	2.84E-09	3.26E-04	8.52E-06	2.16E-01	0.00E+00	1.62E+00	4.01E-09	1.62E+00	1.83E+00	2.16E-01	0.00E+00	0.00E+00	0.00E+00	1.32E-02
VD118PP	4.16E-04	1.90E-01	3.39E-02	1.56E-01	0.00E+00	0.00E+00	2.11E+00	2.06E-06	1.95E-04	1.23E-03	0.00E+00	3.58E-03	1.61E-08	4.75E-10	2.34E-02	3.89E-04	1.46E-02	2.84E-03	2.74E-04	6.49E-02	1.42E+00	0.00E+00	1.90E-09	2.49E-09	2.86E-04	7.53E-06	1.90E-01	0.00E+00	1.42E+00	3.54E-09	1.42E+00	1.61E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.18E-02
VD118TD	4.24E-04	1.86E-01	3.38E-02	1.53E-01	0.00E+00	0.00E+00	2.10E+00	2.03E-06	1.94E-04	1.22E-03	0.00E+00	3.56E-03	1.61E-08	4.72E-10	2.28E-02	3.88E-04	1.43E-02	2.71E-03	2.67E-04	6.32E-02	1.40E+00	0.00E+00	1.88E-09	2.46E-09	2.84E-04	7.40E-06	1.88E-01	0.00E+00	1.40E+00	3.49E-09	1.40E+00	1.59E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-02
VD118TF	4.21E-04	1.87E-01	3.37E-02	1.53E-01	0.00E+00	0.00E+00	2.10E+00	2.03E-06	1.94E-04	1.21E-03	0.00E+00	3.56E-03	1.60E-08	4.72E-10	2.28E-02	3.87E-04	1.42E-02	2.78E-03	2.67E-04	6.32E-02	1.40E+00	0.00E+00	1.88E-09	2.46E-09	2.84E-04	7.39E-06	1.88E-01	0.00E+00	1.40E+00	3.48E-09	1.40E+00	1.59E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-02
VD118TP	4.16E-04	1.90E-01	3.39E-02	1.56E-01	0.00E+00	0.00E+00	2.11E+00	2.06E-06	1.95E-04	1.23E-03	0.00E+00	3.58E-03	1.61E-08	4.75E-10	2.34E-02	3.89E-04	1.46E-02	2.84E-03	2.74E-04	6.49E-02	1.42E+00	0.00E+00	1.90E-09	2.49E-09	2.86E-04	7.53E-06	1.90E-01	0.00E+00	1.42E+00	3.54E-09	1.42E+00	1.61E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.18E-02
VD212NE	4.16E-04	1.89E-01	3.41E-02	1.55E-01	0.00E+00	0.00E+00	2.12E+00	2.06E-06	1.96E-04	1.23E-03	0.00E+00	3.59E-03	1.62E-08	4.77E-10	2.32E-02	3.91E-04	1.42E-02	2.37E-03	2.72E-04	6.44E-02	1.42E+00	0.00E+00	1.90E-09	2.49E-09	2.87E-04	7.50E-06	1.90E-01	0.00E+00	1.42E+00	3.53E-09	1.42E+00	1.61E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
VD212PD	7.74E-05	2.64E-02	6.39E-03	2.01E-02	0.00E+00	0.00E+00	3.90E-01	3.35E-07	3.52E-05	2.10E-04	0.00E+00	6.55E-04	3.03E-09	8.51E-11	2.88E-03	7.34E-05	2.83E-03	1.65E-03	3.29E-05	7.55E-03	2.35E-01	0.00E+00	3.35E-10	4.05E-10	4.94E-05	1.10E-06	3.08E-02	0.00E+00	2.35E-01	5.34E-10	2.35E-01	2.66E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
VD212PDM	2.91E-04	1.27E-01	2.30E-02	1.04E-01	0.00E+00	0.00E+00	1.43E+00	1.39E-06	1.32E-04	8.28E-04	0.00E+00	2.42E-03	1.09E-08	3.21E-10	1.56E-02	2.64E-04	9.99E-03	1.96E-03	1.82E-04	4.32E-02	9.56E-01	0.00E+00	1.28E-09	1.68E-09	1.93E-04	5.04E-06	1.28E-01	0.00E+00	9.56E-01	2.38E-09	9.56E-01	1.08E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	7.83E-03
VD212PP	4.18E-04	1.91E-01	3.41E-02	1.57E-01	0.00E+00	0.00E+00	2.12E+00	2.07E-06	1.96E-04	1.23E-03	0.00E+00	3.60E-03	1.62E-08	4.77E-10	2.35E-02	3.91E-04	1.46E-02	2.84E-03	2.75E-04	6.52E-02	1.43E+00	0.00E+00	1.90E-09	2.50E-09	2.88E-04	7.56E-06	1.91E-01	0.00E+00	1.43E+00	3.56E-09	1.43E+00	1.62E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	1.18E-02
VD212TD	1.08E-04	4.00E-02	8.69E-03	3.14E-02	0.00E+00	0.00E+00	5.35E-01	4.79E-07	4.86E-05	2.95E-04	0.00E+00	8.99E-04	4.13E-09	1.18E-10	4.58E-03	9.98E-05	3.64E-03	1.61E-03	5.28E-05	1.23E-02	3.34E-01	0.00E+00	4.65E-10	5.79E-10	6.92E-05	1.63E-06	4.41E-02	0.00E+00	3.34E-01	7.84E-10	3.34E-01	3.78E-01	4.41E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
VD212TF	6.05E-04	2.68E-01	4.86E-02	2.19E-01	0.00E+00	0.00E+00	3.02E+00	2.92E-06	2.79E-04	1.75E-03	0.00E+00	5.12E-03	2.31E-08	6.79E-10	3.28E-02	5.58E-04	1.97E-02	3.09E-03	3.83E-04	9.08E-02	2.02E+00	0.00E+00	2.71E-09	3.54E-09	4.08E-04	1.06E-05	2.70E-01	0.00E+00	2.02E+00	5.01E-09	2.02E+00	2.29E+00	2.70E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
VE103A	1.72E-05	1.26E-03	4.72E-04	7.87E-04	0.00E+00	0.00E+00	2.83E-02	2.09E-08	2.48E-06	1.39E-05	0.00E+00	4.69E-05	2.24E-10	5.97E-12	9.95E-05	5.42E-06	4.66E-04	1.80E-04	1.04E-06	2.11E-04	1.50E-02	0.00E+00	2.31E-11	2.52E-11	3.32E-06	5.76E-08	1.90E-03	0.00E+00	1.50E-02	2.96E-11	1.50E-02	1.69E-02	1.90E-03	0.00E+00	0.00E+00	0.00E+00	4.47E-05
VE103D	7.60E-05	1.50E-02	6.02E-03	8.93E-03	0.00E+00	0.00E+00	3.60E-01	2.60E-07	3.15E-05	1.75E-04	0.00E+00	5.96E-04	2.86E-09	7.56E-11	1.09E-03	6.92E-05	4.24E-04	1.13E-04	1.11E-05	2.13E-03	1.88E-01	0.00E+00	2.92E-10	3.14E-10	4.18E-05	6.98E-07	2.36E-02	0.00E+00	1.88E-01	3.62E-10	1.88E-01	2.12E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	4.75E-04
VE103E	1.83E-04	7.42E-02	1.40E-02	6.02E-02	0.00E+00	0.00E+00	8.72E-01	8.27E-07	8.02E-05	4.98E-04	0.00E+00	1.47E-03	6.67E-09	1.95E-10	8.94E-03	1.61E-04	5.34E-03	9.81E-04	1.04E-04	2.46E-02	5.72E-01	0.00E+00	7.74E-10	1.00E-09	1.16E-04	2.96E-06	7.63E-02	0.00E+00	5.72E-01	1.40E-09	5.72E-01	6.49E-01	7.63E-02	0.00E+00	0.00E+00	0.00E+00	4.48E-03
VE103F	1.87E-04	8.57E-02	1.52E-02	7.05E-02	0.00E+00	0.00E+00	9.51E-01	9.27E-07	8.80E-05	5.52E-04	0.00E+00	1.61E-03	7.24E-09	2.14E-10	1.06E-02	1.75E-04	6.60E-03	1.33E-03	1.23E-04	2.93E-02	6.39E-01	0.00E+00	8.53E-10	1.12E-09	1.29E-04	3.39E-06	8.57E-02	0.00E+00	6.39E-01	1.60E-09	6.39E-01	7.25E-01	8.57E-02	0.00E+00	0.00E+00	0.00E+00	5.30E-03
VE103G	2.27E-04	9.45E-02	1.76E-02	7.70E-02	0.00E+00	0.00E+00	1.09E+00	1.04E-06	1.01E-04	6.28E-04	0.00E+00	1.85E-03	8.36E-09	2.45E-10	1.15E-02	2.02E-04	6.77E-03	1.12E-03	1.34E-04	3.16E-02	7.23E-01	0.00E+00	9.74E-10	1.27E-09	1.47E-04	3.76E-06	9.65E-02	0.00E+00	7.23E-01	1.78E-09	7.23E-01	8.19E-01	9.65E-02	0.00E+00	0.00E+00	0.00E+00	5.74E-03
VE103L	1.83E-05	1.19E-03	6.48E-04	5.38E-04	0.00E+00	0.00E+00	3.84E-02	2.56E-08	3.32E-06	1.79E-05	0.00E+00	6.32E-05	3.08E-10	7.94E-12	4.83E-05	7.45E-06	4.04E-04	1.85E-04	3.47E-07	1.83E-05	1.88E-02	0.00E+00	3.04E-11	3.08E-11	4.29E-06	6.07E-08	2.31E-03	0.00E+00	1.88E-02	3.30E-11	1.88E-02	2.11E-02	2.31E-03	0.00E+00	0.00E+00	0.00E+00	1.49E-05
VE103M	2.26E-04	8.41E-02	1.82E-02	6.59E-02	0.00E+00	0.00E+00	1.12E+00	1.00E-06	1.02E-04	6.18E-04	0.00E+00	1.88E-03	8.64E-09	2.47E-10	9.63E-03	2.09E-04	4.43E-03	7.26E-04	1.11E-04	2.59E-02	7.00E-01	0.00E+00	9.75E-10	1.21E-09	1.45E-04	3.43E-06	9.24E-02	0.00E+00	7.00E-01	1.65E-09	7.00E-01	7.93E-01	9.24E-02	0.00E+00	0.00E+00	0.00E+00	4.77E-03
VE103N	1.71E-05	1.26E-03	4.69E-04	7.91E-04	0.00E+00	0.00E+00	2.81E-02	2.08E-08	2.47E-06	1.39E-05	0.00E+00	4.67E-05	2.23E-10	5.94E-12	1.00E-04	5.40E-06	4.78E-04	1.68E-04	1.05E-06	2.13E-04	1.50E-02	0.00E+00	2.30E-11	2.51E-11	3.30E-06	5.76E-08	1.89E-03	0.00E+00	1.50E-02	2.96E-11	1.50E-02	1.69E-02	1.89E-03	0.00E+00	0.00E+00	0.00E+00	4.51E-05
VE103PN	2.03E-04	8.57E-02	1.52E-02	7.05E-02	0.00E+00	0.00E+00	9.51E-01	9.27E-07	8.80E-05	5.52E-04	0.00E+00	1.61E-03	7.24E-09	2.14E-10	1.06E-02	1.75E-04	6.60E-03	1.33E-03	1.23E-04	2.93E-02	6.39E-01	0.00E+00	8.53E-10	1.12E-09	1.29E-04	3.39E-06	8.57E-02	0.00E+00	6.39E-01	1.60E-09	6.39E-01	7.25E-01	8.57E-02	0.00E+00	0.00E+00	0.00E+00	5.30E-03
VE103S	2.03E-04	8.57E-02	1.52E-02	7.05E-02	0.00E+00	0.00E+00	9.51E-01	9.27E-07	8.80E-05	5.52E-04	0.00E+00	1.61E-03	7.24E-09	2.14E-10	1.06E-02	1.75E-04	6.60E-03	1.33E-03	1.23E-04	2.93E-02	6.39E-01	0.00E+00	8.53E-10	1.12E-09	1.29E-04	3.39E-06	8.57E-02	0.00E+00	6.39E-01	1.60E-09	6.39E-01	7.25E-01	8.57E-02	0.00E+00	0.00E+00	0.00E+00	5.30E-03
VE103SN	2.03E-04	8.57E-02	1.52E-02	7.05E-02	0.00E+00	0.00E+00	9.51E-01	9.27E-07	8.80E-05	5.52E-04	0.00E+00	1.61E-03	7.24E-09	2.14E-10	1.06E-02	1.75E-04	6.60E-03	1.33E-03	1.23E-04	2.93E-02	6.39E-01	0.00E+00	8.53E-10	1.12E-09	1.29E-04	3.39E-06	8.57E-02	0.00E+00	6.39E-01	1.60E-09	6.39E-01	7.25E-01	8.57E-02	0.00E+00	0.00E+00	0.00E+00	5.30E-03
VE103U	1.90E-04	1.07E-01	1.33E-02	9.32E-02	0.00E+00	0.00E+00	8.56E-01	9.86E-07	8.22E-05	5.54E-04	0.00E+00	1.47E-03	6.32E-09	2.02E-10	1.44E-02	1.53E-04	1.10E-02	1.51E-03	1.71E-04	4.14E-02	6.66E-01	0.00E+00	8.20E-10	1.20E-09	1.28E-04	4.04E-06	9.20E-02	0.00E+00	6.66E-01	1.84E-09	6.66E-01	7.58E-01	9.20E-02	0.00E+00	0.00E+00	0.00E+00	7.34E-03
VE106A	2.87E-04	1.20E-01	2.18E-02	9.85E-02	0.00E+00	0.00E+00	1.35E+00	1.31E-06	1.25E-04	7.84E-04	0.00E+00	2.29E-03	1.03E-08	3.04E-10	1.47E-02	2.50E-04	8.90E-03	1.33E-03	1.72E-04	4.08E-02	9.05E-01	0.00E+00	1.21E-09	1.59E-09	1.83E-04	4.77E-06	1.21E-01	0.00E+00	9.05E-01	2.25E-09	9.05E-01	1.03E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-03
VE106D	2.72E-05	1.07E-02	2.16E-03	8.58E-03	0.00E+00	0.00E+00	1.34E-01	1.23E-07	1.22E-05	7.51E-05	0.00E+00	2.25E-04	1.03E-09	2.97E-11	1.27E-03	2.48E-05	8.34E-04	2.12E-03	1.47E-05	3.45E-03	8.58E-02	0.00E+00	1.18E-10	1.50E-10	1.76E-05	4.33E-07	1.14E-02	0.00E+00	8.58E-02	2.06E-10	8.58E-02	9.72E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.31E-04
VE106E	2.87E-04	1.20E-01	2.18E-02	9.85E-02	0.00E+00	0.00E+00	1.35E+00	1.31E-06	1.25E-04	7.84E-04	0.00E+00	2.29E-03	1.03E-08	3.04E-10	1.47E-02	2.50E-04	8.90E-03	1.33E-03	1.72E-04	4.08E-02	9.05E-01	0.00E+00	1.21E-09	1.59E-09	1.83E-04	4.77E-06	1.21E-01	0.00E+00	9.05E-01	2.25E-09	9.05E-01	1.03E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-03
VE106F	2.65E-04	1.20E-01	2.18E-02	9.85E-02	0.00E+00	0.00E+00	1.35E+00	1.31E-06	1.25E-04	7.84E-04	0.00E+00	2.29E-03	1.03E-08	3.04E-10	1.47E-02	2.50E-04	8.90E-03	1.33E-03	1.72E-04	4.08E-02	9.05E-01	0.00E+00	1.21E-09	1.59E-09	1.83E-04	4.77E-06	1.21E-01	0.00E+00	9.05E-01	2.25E-09	9.05E-01	1.03E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-03
VE106G	2.50E-04	1.08E-01	1.95E-02	8.88E-02	0.00E+00	0.00E+00	1.21E+00	1.18E-06	1.12E-04	7.03E-04	0.00E+00	2.06E-03	9.26E-09	2.73E-10	1.33E-02	2.24E-04	8.47E-03	1.71E-03	1.55E-04	3.68E-02	8.13E-01	0.00E+00	1.09E-09	1.43E-09	1.64E-04	4.29E-06	1.09E-01	0.00E+00	8.13E-01	2.02E-09	8.13E-01	9.22E-01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	6.67E-03
VE106H	2.65E-04	1.20E-01	2.18E-02	9.85E-02	0.00E+00	0.00E+00	1.35E+00	1.31E-06	1.25E-04	7.84E-04	0.00E+00	2.29E-03	1.03E-08	3.04E-10	1.47E-02	2.50E-04	8.90E-03	1.33E-03	1.72E-04	4.08E-02	9.05E-01	0.00E+00	1.21E-09	1.59E-09	1.83E-04	4.77E-06	1.21E-01	0.00E+00	9.05E-01	2.25E-09	9.05E-01	1.03E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-03
VE106L	9.03E-06	1.44E-03	4.59E-05	1.39E-03	0.00E+00	0.00E+00	3.82E-03	9.38E-09	4.65E-07	4.34E-06	0.00E+00	7.36E-06	2.18E-11	1.20E-12	2.24E-04	5.26E-07	1.14E-03	6.64E-04	2.72E-06	6.76E-04	5.95E-03	0.00E+00	5.36E-12	1.15E-11	9.58E-07	5.02E-08	8.96E-04	0.00E+00	5.95E-03	2.15E-11	5.95E-03	6.85E-03	8.96E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
VE106M	3.83E-04	1.68E-01	3.10E-02	1.36E-01	0.00E+00	0.00E+00	1.93E+00	1.85E-06	1.78E-04	1.11E-03	0.00E+00	3.26E-03	1.47E-08	4.32E-10	2.03E-02	3.57E-04	1.19E-02	2.33E-03	2.37E-04	5.62E-02	1.28E+00	0.00E+00	1.72E-09	2.24E-09	2.59E-04	6.67E-06	1.71E-01	0.00E+00	1.28E+00	3.15E-09	1.28E+00	1.45E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	1.02E-02
VE106N	1.04E-05	1.69E-03	5.53E-04	2.24E-03	0.00E+00	0.00E+00	3.06E-02	6.81E-09	2.37E-06	9.15E-06	0.00E+00	4.82E-05	2.63E-10	5.51E-12	3.98E-04	6.36E-06	2.06E-03	1.97E-03	5.08E-06	1.33E-03	6.80E-03	0.00E+00	1.96E-11	7.79E-12	2.36E-06	3.98E-08	5.10E-04	0.00E+00	6.80E-03	1.01E-11	6.80E-03	7.31E-03	5.10E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-04
VE106PN	2.87E-04	1.20E-01	2.18E-02	9.85E-02	0.00E+00	0.00E+00	1.35E+00	1.31E-06	1.25E-04	7.84E-04	0.00E+00	2.29E-03	1.03E-08	3.04E-10	1.47E-02	2.50E-04	8.90E-03	1.33E-03	1.72E-04	4.08E-02	9.05E-01	0.00E+00	1.21E-09	1.59E-09	1.83E-04	4.77E-06	1.21E-01	0.00E+00	9.05E-01	2.25E-09	9.05E-01	1.03E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-03
VE106R	3.07E-04	1.38E-01	2.40E-02	1.15E-01	0.00E+00	0.00E+00	1.50E+00	1.48E-06	1.39E-04	8.77E-04	0.00E+00	2.54E-03	1.14E-08	3.38E-10	1.72E-02	2.75E-04	1.08E-02	1.56E-03	2.02E-04	4.79E-02	1.02E+00	0.00E+00	1.35E-09	1.79E-09	2.04E-04	5.46E-06	1.37E-01	0.00E+00	1.02E+00	2.56E-09	1.02E+00	1.15E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.65E-03
VE106S	2.87E-04	1.20E-01	2.18E-02	9.85E-02	0.00E+00	0.00E+00	1.35E+00	1.31E-06	1.25E-04	7.84E-04	0.00E+00	2.29E-03	1.03E-08	3.04E-10	1.47E-02	2.50E-04	8.90E-03	1.33E-03	1.72E-04	4.08E-02	9.05E-01	0.00E+00	1.21E-09	1.59E-09	1.83E-04	4.77E-06	1.21E-01	0.00E+00	9.05E-01	2.25E-09	9.05E-01	1.03E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-03
VE106SN	2.87E-04	1.20E-01	2.18E-02	9.85E-02	0.00E+00	0.00E+00	1.35E+00	1.31E-06	1.25E-04	7.84E-04	0.00E+00	2.29E-03	1.03E-08	3.04E-10	1.47E-02	2.50E-04	8.90E-03	1.33E-03	1.72E-04	4.08E-02	9.05E-01	0.00E+00	1.21E-09	1.59E-09	1.83E-04	4.77E-06	1.21E-01	0.00E+00	9.05E-01	2.25E-09	9.05E-01	1.03E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-03
VE106U	2.65E-04	1.20E-01	2.18E-02	9.85E-02	0.00E+00	0.00E+00	1.35E+00	1.31E-06	1.25E-04	7.84E-04	0.00E+00	2.29E-03	1.03E-08	3.04E-10	1.47E-02	2.50E-04	8.90E-03	1.33E-03	1.72E-04	4.08E-02	9.05E-01	0.00E+00	1.21E-09	1.59E-09	1.83E-04	4.77E-06	1.21E-01	0.00E+00	9.05E-01	2.25E-09	9.05E-01	1.03E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-03
VE106YN	1.45E-04	5.68E-02	1.05E-02	4.63E-02	0.00E+00	0.00E+00	6.51E-01	6.24E-07	6.00E-05	3.74E-04	0.00E+00	1.10E-03	4.97E-09	1.46E-10	6.91E-03	1.20E-04	4.41E-03	9.05E-04	8.06E-05	1.91E-02	4.32E-01	0.00E+00	5.81E-10	7.56E-10	8.75E-05	2.26E-06	5.77E-02	0.00E+00	4.32E-01	1.07E-09	4.32E-01	4.89E-01	5.77E-02	0.00E+00	0.00E+00	0.00E+00	3.46E-03
VE110A	3.21E-04	1.46E-01	2.62E-02	1.20E-01	0.00E+00	0.00E+00	1.63E+00	1.59E-06	1.51E-04	9.48E-04	0.00E+00	2.77E-03	1.25E-08	3.67E-10	1.80E-02	3.01E-04	1.11E-02	1.99E-03	2.10E-04	4.99E-02	1.10E+00	0.00E+00	1.47E-09	1.92E-09	2.21E-04	5.80E-06	1.47E-01	0.00E+00	1.10E+00	2.73E-09	1.10E+00	1.24E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	9.03E-03
VE110D	4.27E-06	1.56E-03	2.60E-04	1.82E-03	0.00E+00	0.00E+00	1.38E-02	1.10E-09	9.86E-07	2.55E-06	0.00E+00	2.11E-05	1.24E-10	2.23E-12	3.13E-04	2.99E-06	1.86E-03	2.37E-03	3.93E-06	1.01E-03	5.66E-04	0.00E+00	7.40E-12	1.63E-12	7.37E-07	4.49E-08	1.78E-04	0.00E+00	5.66E-04	1.57E-11	5.66E-04	3.88E-04	1.78E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04
VE110E	3.12E-04	1.33E-01	2.43E-02	1.08E-01	0.00E+00	0.00E+00	1.51E+00	1.45E-06	1.39E-04	8.71E-04	0.00E+00	2.56E-03	1.15E-08	3.39E-10	1.62E-02	2.79E-04	9.76E-03	1.94E-03	1.89E-04	4.46E-02	1.00E+00	0.00E+00	1.35E-09	1.76E-09	2.03E-04	5.26E-06	1.34E-01	0.00E+00	1.00E+00	2.48E-09	1.00E+00	1.14E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	8.10E-03
VE110F	3.47E-04	1.46E-01	2.62E-02	1.20E-01	0.00E+00	0.00E+00	1.63E+00	1.59E-06	1.51E-04	9.48E-04	0.00E+00	2.77E-03	1.25E-08	3.67E-10	1.80E-02	3.01E-04	1.11E-02	1.99E-03	2.10E-04	4.99E-02	1.10E+00	0.00E+00	1.47E-09	1.92E-09	2.21E-04	5.80E-06	1.47E-01	0.00E+00	1.10E+00	2.73E-09	1.10E+00	1.24E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	9.03E-03
VE110G	3.30E-04	1.41E-01	2.57E-02	1.15E-01	0.00E+00	0.00E+00	1.60E+00	1.54E-06	1.48E-04	9.23E-04	0.00E+00	2.71E-03	1.22E-08	3.59E-10	1.72E-02	2.95E-04	1.03E-02	1.99E-03	2.00E-04	4.75E-02	1.06E+00	0.00E+00	1.43E-09	1.87E-09	2.15E-04	5.59E-06	1.42E-01	0.00E+00	1.06E+00	2.63E-09	1.06E+00	1.21E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	8.61E-03
VE110H	3.21E-04	1.46E-01	2.62E-02	1.20E-01	0.00E+00	0.00E+00	1.63E+00	1.59E-06	1.51E-04	9.48E-04	0.00E+00	2.77E-03	1.25E-08	3.67E-10	1.80E-02	3.01E-04	1.11E-02	1.99E-03	2.10E-04	4.99E-02	1.10E+00	0.00E+00	1.47E-09	1.92E-09	2.21E-04	5.80E-06	1.47E-01	0.00E+00	1.10E+00	2.73E-09	1.10E+00	1.24E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	9.03E-03
VE110L	3.21E-04	1.46E-01	2.62E-02	1.20E-01	0.00E+00	0.00E+00	1.63E+00	1.59E-06	1.51E-04	9.48E-04	0.00E+00	2.77E-03	1.25E-08	3.67E-10	1.80E-02	3.01E-04	1.11E-02	1.99E-03	2.10E-04	4.99E-02	1.10E+00	0.00E+00	1.47E-09	1.92E-09	2.21E-04	5.80E-06	1.47E-01	0.00E+00	1.10E+00	2.73E-09	1.10E+00	1.24E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	9.03E-03
VE110M	5.22E-05	2.72E-02	4.51E-03	2.27E-02	0.00E+00	0.00E+00	2.83E-01	2.85E-07	2.63E-05	1.68E-04	0.00E+00	4.81E-04	2.14E-09	6.42E-11	3.43E-03	5.18E-05	3.53E-03	2.70E-03	4.03E-05	9.60E-03	1.95E-01	0.00E+00	2.57E-10	3.45E-10	3.90E-05	1.07E-06	2.64E-02	0.00E+00	1.95E-01	4.98E-10	1.95E-01	2.22E-01	2.64E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-03
VE110N	1.49E-04	6.39E-02	1.09E-02	5.30E-02	0.00E+00	0.00E+00	6.79E-01	6.76E-07	6.31E-05	4.00E-04	0.00E+00	1.15E-03	5.16E-09	1.54E-10	7.98E-03	1.25E-04	5.28E-03	1.12E-03	9.36E-05	2.23E-02	4.65E-01	0.00E+00	6.14E-10	8.19E-10	9.32E-05	2.51E-06	6.26E-02	0.00E+00	4.65E-01	1.18E-09	4.65E-01	5.27E-01	6.26E-02	0.00E+00	0.00E+00	0.00E+00	4.02E-03
VE110PN	3.47E-04	1.46E-01	2.62E-02	1.20E-01	0.00E+00	0.00E+00	1.63E+00	1.59E-06	1.51E-04	9.48E-04	0.00E+00	2.77E-03	1.25E-08	3.67E-10	1.80E-02	3.01E-04	1.11E-02	1.99E-03	2.10E-04	4.99E-02	1.10E+00	0.00E+00	1.47E-09	1.92E-09	2.21E-04	5.80E-06	1.47E-01	0.00E+00	1.10E+00	2.73E-09	1.10E+00	1.24E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	9.03E-03
VE110PVH	3.32E-04	1.39E-01	2.52E-02	1.14E-01	0.00E+00	0.00E+00	1.57E+00	1.51E-06	1.45E-04	9.06E-04	0.00E+00	2.65E-03	1.19E-08	3.52E-10	1.70E-02	2.89E-04	1.02E-02	1.48E-03	1.99E-04	4.71E-02	1.05E+00	0.00E+00	1.40E-09	1.84E-09	2.11E-04	5.51E-06	1.40E-01	0.00E+00	1.05E+00	2.60E-09	1.05E+00	1.19E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	8.53E-03
VE110S	3.21E-04	1.46E-01	2.62E-02	1.20E-01	0.00E+00	0.00E+00	1.63E+00	1.59E-06	1.51E-04	9.48E-04	0.00E+00	2.77E-03	1.25E-08	3.67E-10	1.80E-02	3.01E-04	1.11E-02	1.99E-03	2.10E-04	4.99E-02	1.10E+00	0.00E+00	1.47E-09	1.92E-09	2.21E-04	5.80E-06	1.47E-01	0.00E+00	1.10E+00	2.73E-09	1.10E+00	1.24E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	9.03E-03
VE110SN	3.47E-04	1.46E-01	2.62E-02	1.20E-01	0.00E+00	0.00E+00	1.63E+00	1.59E-06	1.51E-04	9.48E-04	0.00E+00	2.77E-03	1.25E-08	3.67E-10	1.80E-02	3.01E-04	1.11E-02	1.99E-03	2.10E-04	4.99E-02	1.10E+00	0.00E+00	1.47E-09	1.92E-09	2.21E-04	5.80E-06	1.47E-01	0.00E+00	1.10E+00	2.73E-09	1.10E+00	1.24E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	9.03E-03
VE110U	3.21E-04	1.46E-01	2.62E-02	1.20E-01	0.00E+00	0.00E+00	1.63E+00	1.59E-06	1.51E-04	9.48E-04	0.00E+00	2.77E-03	1.25E-08	3.67E-10	1.80E-02	3.01E-04	1.11E-02	1.99E-03	2.10E-04	4.99E-02	1.10E+00	0.00E+00	1.47E-09	1.92E-09	2.21E-04	5.80E-06	1.47E-01	0.00E+00	1.10E+00	2.73E-09	1.10E+00	1.24E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	9.03E-03
VE110YN	2.73E-05	2.34E-04	5.64E-04	7.98E-04	0.00E+00	0.00E+00	3.24E-02	1.52E-08	2.67E-06	1.27E-05	0.00E+00	5.23E-05	2.68E-10	6.31E-12	1.64E-04	6.48E-06	1.93E-04	6.08E-04	2.22E-06	6.16E-04	1.20E-02	0.00E+00	2.35E-11	1.81E-11	3.12E-06	9.81E-09	1.32E-03	0.00E+00	1.20E-02	1.07E-11	1.20E-02	1.33E-02	1.32E-03	0.00E+00	0.00E+00	0.00E+00	9.55E-05
VE112DK	2.56E-04	1.09E-01	2.06E-02	8.88E-02	0.00E+00	0.00E+00	1.28E+00	1.21E-06	1.18E-04	7.31E-04	0.00E+00	2.16E-03	9.77E-09	2.85E-10	1.32E-02	2.36E-04	8.97E-03	1.50E-03	1.54E-04	3.64E-02	8.41E-01	0.00E+00	1.14E-09	1.47E-09	1.71E-04	4.36E-06	1.12E-01	0.00E+00	8.41E-01	2.06E-09	8.41E-01	9.53E-01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	6.61E-03
VE112DN	7.80E-04	3.56E-01	6.43E-02	2.92E-01	0.00E+00	0.00E+00	4.01E+00	3.88E-06	3.70E-04	2.32E-03	0.00E+00	6.78E-03	3.05E-08	8.99E-10	4.36E-02	7.39E-04	2.63E-02	2.27E-03	5.10E-04	1.21E-01	2.68E+00	0.00E+00	3.59E-09	4.70E-09	5.41E-04	1.41E-05	3.58E-01	0.00E+00	2.68E+00	6.65E-09	2.68E+00	3.04E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	2.19E-02

VE112E	5.01E-04	2.22E-01	4.02E-02	1.82E-01	0.00E+00	0.00E+00	2.51E+00	2.42E-06	2.31E-04	1.45E-03	0.00E+00	4.24E-03	1.91E-08	5.62E-10	2.71E-02	4.62E-04	1.69E-02	2.12E-03	3.17E-04	7.52E-02	1.67E+00	0.00E+00	2.24E-09	2.93E-09	3.38E-04	8.80E-06	2.24E-01	0.00E+00	1.67E+00	4.15E-09	1.67E+00	1.90E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	1.36E-02
VE112F	6.49E-04	2.71E-01	4.94E-02	2.22E-01	0.00E+00	0.00E+00	3.08E+00	2.97E-06	2.84E-04	1.78E-03	0.00E+00	5.21E-03	2.35E-08	6.90E-10	3.31E-02	5.68E-04	1.96E-02	2.37E-03	3.87E-04	9.15E-02	2.05E+00	0.00E+00	2.75E-09	3.59E-09	4.15E-04	1.08E-05	2.74E-01	0.00E+00	2.05E+00	5.07E-09	2.05E+00	2.32E+00	2.74E-01	0.00E+00	0.00E+00	0.00E+00	1.66E-02
VE112G	5.48E-04	2.44E-01	4.40E-02	2.00E-01	0.00E+00	0.00E+00	2.74E+00	2.65E-06	2.53E-04	1.59E-03	0.00E+00	4.64E-03	2.09E-08	6.16E-10	2.98E-02	5.06E-04	1.84E-02	2.27E-03	3.49E-04	8.26E-02	1.83E+00	0.00E+00	2.45E-09	3.22E-09	3.70E-04	9.66E-06	2.45E-01	0.00E+00	1.83E+00	4.55E-09	1.83E+00	2.08E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-02
VE112H	5.94E-04	2.76E-01	4.78E-02	2.28E-01	0.00E+00	0.00E+00	2.99E+00	2.95E-06	2.77E-04	1.75E-03	0.00E+00	5.06E-03	2.27E-08	6.74E-10	3.43E-02	5.49E-04	2.26E-02	6.25E-03	4.02E-04	9.55E-02	2.03E+00	0.00E+00	2.69E-09	3.57E-09	4.08E-04	1.09E-05	2.73E-01	0.00E+00	2.03E+00	5.11E-09	2.03E+00	2.30E+00	2.73E-01	0.00E+00	0.00E+00	0.00E+00	1.73E-02
VE112L	5.78E-04	2.61E-01	4.75E-02	2.13E-01	0.00E+00	0.00E+00	2.96E+00	2.85E-06	2.73E-04	1.71E-03	0.00E+00	5.01E-03	2.26E-08	6.64E-10	3.19E-02	5.46E-04	1.90E-02	2.37E-03	3.72E-04	8.82E-02	1.97E+00	0.00E+00	2.65E-09	3.46E-09	3.99E-04	1.04E-05	2.64E-01	0.00E+00	1.97E+00	4.89E-09	1.97E+00	2.24E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.60E-02
VE112M	6.78E-04	3.17E-01	5.59E-02	2.61E-01	0.00E+00	0.00E+00	3.49E+00	3.41E-06	3.23E-04	2.03E-03	0.00E+00	5.91E-03	2.65E-08	7.85E-10	3.92E-02	6.42E-04	2.40E-02	2.86E-03	4.59E-04	1.09E-01	2.35E+00	0.00E+00	3.13E-09	4.14E-09	4.74E-04	1.25E-05	3.16E-01	0.00E+00	2.35E+00	5.89E-09	2.35E+00	2.67E+00	3.16E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
VE112N	1.45E-05	7.42E-04	1.72E-03	9.74E-04	0.00E+00	0.00E+00	9.97E-02	5.45E-08	8.38E-06	4.19E-05	0.00E+00	1.62E-04	8.15E-10	1.99E-11	2.63E-04	1.97E-05	9.86E-04	7.03E-04	3.86E-06	1.15E-03	4.15E-02	0.00E+00	7.49E-11	6.52E-11	1.02E-05	7.93E-08	4.82E-03	0.00E+00	4.15E-02	5.33E-11	4.15E-02	4.63E-02	4.82E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-04
VE112PN	6.25E-04	2.61E-01	4.75E-02	2.13E-01	0.00E+00	0.00E+00	2.96E+00	2.85E-06	2.73E-04	1.71E-03	0.00E+00	5.01E-03	2.26E-08	6.64E-10	3.19E-02	5.46E-04	1.90E-02	2.37E-03	3.72E-04	8.82E-02	1.97E+00	0.00E+00	2.64E-09	3.46E-09	3.99E-04	1.04E-05	2.64E-01	0.00E+00	1.97E+00	4.88E-09	1.97E+00	2.23E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.60E-02
VE112PVH	6.00E-04	2.49E-01	4.59E-02	2.03E-01	0.00E+00	0.00E+00	2.85E+00	2.74E-06	2.63E-04	1.64E-03	0.00E+00	4.83E-03	2.18E-08	6.39E-10	3.03E-02	5.27E-04	1.76E-02	1.48E-03	3.54E-04	8.36E-02	1.89E+00	0.00E+00	2.55E-09	3.32E-09	3.83E-04	9.90E-06	2.53E-01	0.00E+00	1.89E+00	4.67E-09	1.89E+00	2.15E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	1.52E-02
VE112S	6.08E-04	2.75E-01	5.01E-02	2.24E-01	0.00E+00	0.00E+00	3.12E+00	3.01E-06	2.88E-04	1.80E-03	0.00E+00	5.28E-03	2.38E-08	7.00E-10	3.35E-02	5.76E-04	1.99E-02	2.37E-03	3.92E-04	9.27E-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	1.68E-02
VE112SN	6.25E-04	2.61E-01	4.75E-02	2.13E-01	0.00E+00	0.00E+00	2.96E+00	2.85E-06	2.73E-04	1.71E-03	0.00E+00	5.01E-03	2.26E-08	6.64E-10	3.19E-02	5.46E-04	1.90E-02	2.37E-03	3.72E-04	8.82E-02	1.97E+00	0.00E+00	2.64E-09	3.46E-09	3.99E-04	1.04E-05	2.64E-01	0.00E+00	1.97E+00	4.88E-09	1.97E+00	2.23E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.60E-02
VE112U	5.77E-04	2.61E-01	4.75E-02	2.13E-01	0.00E+00	0.00E+00	2.96E+00	2.85E-06	2.73E-04	1.71E-03	0.00E+00	5.01E-03	2.26E-08	6.64E-10	3.19E-02	5.46E-04	1.90E-02	2.37E-03	3.72E-04	8.82E-02	1.97E+00	0.00E+00	2.64E-09	3.46E-09	3.99E-04	1.04E-05	2.64E-01	0.00E+00	1.97E+00	4.88E-09	1.97E+00	2.23E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.60E-02
VE118AK	8.79E-04	3.67E-01	6.69E-02	3.00E-01	0.00E+00	0.00E+00	4.16E+00	4.02E-06	3.84E-04	2.40E-03	0.00E+00	7.05E-03	3.18E-08	9.34E-10	4.48E-02	7.69E-04	2.67E-02	3.31E-03	5.24E-04	1.24E-01	2.77E+00	0.00E+00	3.72E-09	4.87E-09	5.61E-04	1.46E-05	3.71E-01	0.00E+00	2.77E+00	6.87E-09	2.77E+00	3.15E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	2.25E-02
VE118H	7.97E-04	3.70E-01	6.42E-02	3.05E-01	0.00E+00	0.00E+00	4.01E+00	3.95E-06	3.72E-04	2.35E-03	0.00E+00	6.81E-03	3.05E-08	9.05E-10	4.58E-02	7.38E-04	2.99E-02	7.95E-03	5.37E-04	1.28E-01	2.72E+00	0.00E+00	3.62E-09	4.79E-09	5.47E-04	1.46E-05	3.66E-01	0.00E+00	2.72E+00	6.84E-09	2.72E+00	3.09E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	2.31E-02
VE118L	7.78E-04	3.52E-01	6.40E-02	2.88E-01	0.00E+00	0.00E+00	3.98E+00	3.85E-06	3.68E-04	2.30E-03	0.00E+00	6.75E-03	3.04E-08	8.94E-10	4.30E-02	7.35E-04	2.57E-02	3.31E-03	5.02E-04	1.19E-01	2.66E+00	0.00E+00	3.56E-09	4.66E-09	5.37E-04	1.40E-05	3.55E-01	0.00E+00	2.66E+00	6.58E-09	2.66E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.16E-02
VE118PN	8.42E-04	3.52E-01	6.40E-02	2.88E-01	0.00E+00	0.00E+00	3.98E+00	3.84E-06	3.68E-04	2.30E-03	0.00E+00	6.74E-03	3.04E-08	8.94E-10	4.30E-02	7.35E-04	2.57E-02	3.31E-03	5.02E-04	1.19E-01	2.66E+00	0.00E+00	3.56E-09	4.66E-09	5.37E-04	1.40E-05	3.55E-01	0.00E+00	2.66E+00	6.58E-09	2.66E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.16E-02
VE118S	8.14E-04	3.68E-01	6.70E-02	3.01E-01	0.00E+00	0.00E+00	4.17E+00	4.02E-06	3.85E-04	2.41E-03	0.00E+00	7.06E-03	3.18E-08	9.36E-10	4.49E-02	7.70E-04	2.67E-02	3.31E-03	5.25E-04	1.24E-01	2.78E+00	0.00E+00	3.73E-09	4.88E-09	5.62E-04	1.46E-05	3.72E-01	0.00E+00	2.78E+00	6.89E-09	2.78E+00	3.15E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	2.25E-02
VE118SN	8.42E-04	3.52E-01	6.40E-02	2.88E-01	0.00E+00	0.00E+00	3.98E+00	3.84E-06	3.68E-04	2.30E-03	0.00E+00	6.74E-03	3.04E-08	8.94E-10	4.30E-02	7.35E-04	2.57E-02	3.31E-03	5.02E-04	1.19E-01	2.66E+00	0.00E+00	3.56E-09	4.66E-09	5.37E-04	1.40E-05	3.55E-01	0.00E+00	2.66E+00	6.58E-09	2.66E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.16E-02
VE118YN	6.82E-05	1.36E-03	3.28E-03	4.64E-03	0.00E+00	0.00E+00	1.88E-01	8.85E-08	1.55E-05	7.38E-05	0.00E+00	3.04E-04	1.56E-09	3.67E-11	9.54E-04	3.77E-05	2.40E-04	5.38E-04	1.29E-05	3.58E-03	6.97E-02	0.00E+00	1.37E-10	1.05E-10	1.81E-05	5.70E-08	7.69E-03	0.00E+00	6.97E-02	6.24E-11	6.97E-02	7.74E-02	7.69E-03	0.00E+00	0.00E+00	0.00E+00	5.55E-04
VE212DN	8.61E-04	3.87E-01	7.12E-02	3.15E-01	0.00E+00	0.00E+00	4.43E+00	4.25E-06	4.08E-04	2.55E-03	0.00E+00	7.49E-03	3.38E-08	9.92E-10	4.70E-02	8.18E-04	2.74E-02	2.37E-03	5.49E-04	1.30E-01	2.94E+00	0.00E+00	3.95E-09	5.15E-09	5.95E-04	1.54E-05	3.93E-01	0.00E+00	2.94E+00	7.26E-09	2.94E+00	3.33E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	2.36E-02
VE212E	7.78E-04	3.50E-01	6.43E-02	2.86E-01	0.00E+00	0.00E+00	4.00E+00	3.84E-06	3.69E-04	2.30E-03	0.00E+00	6.77E-03	3.05E-08	8.96E-10	4.26E-02	7.39E-04	2.49E-02	2.37E-03	4.98E-04	1.18E-01	2.66E+00	0.00E+00	3.57E-09	4.66E-09	5.38E-04	1.39E-05	3.55E-01	0.00E+00	2.66E+00	6.56E-09	2.66E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-02
VE212H	7.98E-04	3.67E-01	6.48E-02	3.02E-01	0.00E+00	0.00E+00	4.04E+00	3.95E-06	3.74E-04	2.35E-03	0.00E+00	6.85E-03	3.08E-08	9.10E-10	4.52E-02	7.44E-04	2.86E-02	6.25E-03	5.29E-04	1.26E-01	2.72E+00	0.00E+00	3.63E-09	4.79E-09	5.49E-04	1.45E-05	3.65E-01	0.00E+00	2.72E+00	6.81E-09	2.72E+00	3.09E+00	3.65E-01	0.00E+00	0.00E+00	0.00E+00	2.27E-02
VE212L	7.78E-04	3.50E-01	6.43E-02	2.86E-01	0.00E+00	0.00E+00	4.00E+00	3.84E-06	3.69E-04	2.30E-03	0.00E+00	6.77E-03	3.06E-08	8.97E-10	4.26E-02	7.39E-04	2.49E-02	2.37E-03	4.98E-04	1.18E-01	2.66E+00	0.00E+00	3.57E-09	4.66E-09	5.38E-04	1.39E-05	3.55E-01	0.00E+00	2.66E+00	6.57E-09	2.66E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-02
VE212PN	8.42E-04	3.50E-01	6.43E-02	2.86E-01	0.00E+00	0.00E+00	4.00E+00	3.84E-06	3.69E-04	2.30E-03	0.00E+00	6.77E-03	3.05E-08	8.96E-10	4.26E-02	7.39E-04	2.49E-02	2.37E-03	4.98E-04	1.18E-01	2.66E+00	0.00E+00	3.57E-09	4.66E-09	5.38E-04	1.39E-05	3.55E-01	0.00E+00	2.66E+00	6.56E-09	2.66E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-02
VE212S	8.15E-04	3.66E-01	6.73E-02	2.99E-01	0.00E+00	0.00E+00	4.19E+00	4.02E-06	3.86E-04	2.41E-03	0.00E+00	7.09E-03	3.20E-08	9.39E-10	4.46E-02	7.74E-04	2.60E-02	2.37E-03	5.21E-04	1.23E-01	2.78E+00	0.00E+00	3.74E-09	4.87E-09	5.63E-04	1.46E-05	3.72E-01	0.00E+00	2.78E+00	6.87E-09	2.78E+00	3.15E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	2.24E-02
VE212SN	8.42E-04	3.50E-01	6.43E-02	2.86E-01	0.00E+00	0.00E+00	4.00E+00	3.84E-06	3.69E-04	2.30E-03	0.00E+00	6.77E-03	3.05E-08	8.96E-10	4.26E-02	7.39E-04	2.49E-02	2.37E-03	4.98E-04	1.18E-01	2.66E+00	0.00E+00	3.57E-09	4.66E-09	5.38E-04	1.39E-05	3.55E-01	0.00E+00	2.66E+00	6.56E-09	2.66E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-02
VE212U	7.78E-04	3.50E-01	6.43E-02	2.86E-01	0.00E+00	0.00E+00	4.00E+00	3.84E-06	3.69E-04	2.30E-03	0.00E+00	6.77E-03	3.05E-08	8.96E-10	4.26E-02	7.39E-04	2.49E-02	2.37E-03	4.98E-04	1.18E-01	2.66E+00	0.00E+00	3.57E-09	4.66E-09	5.38E-04	1.39E-05	3.55E-01	0.00E+00	2.66E+00	6.56E-09	2.66E+00	3.01E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-02
VE212YN	5.62E-05	1.20E-03	2.88E-03	4.08E-03	0.00E+00	0.00E+00	1.66E-01	7.79E-08	1.37E-05	6.49E-05	0.00E+00	2.67E-04	1.37E-09	3.23E-11	8.39E-04	3.31E-05	1.65E-04	8.18E-04	1.14E-05	3.15E-03	6.13E-02	0.00E+00	1.20E-10	9.26E-11	1.59E-05	5.02E-08	6.77E-03	0.00E+00	6.13E-02	5.49E-11	6.13E-02	6.81E-02	6.77E-03	0.00E+00	0.00E+00	0.00E+00	4.88E-04
VE218F	9.45E-04	4.26E-01	7.79E-02	3.48E-01	0.00E+00	0.00E+00	4.85E+00	4.67E-06	4.47E-04	2.80E-03	0.00E+00	8.21E-03	3.70E-08	1.09E-09	5.19E-02	8.95E-04	3.06E-02	3.31E-03	6.06E-04	1.44E-01	3.22E+00	0.00E+00	4.33E-09	5.65E-09	6.53E-04	1.69E-05	4.31E-01	0.00E+00	3.22E+00	7.98E-09	3.22E+00	3.66E+00	4.31E-01	0.00E+00	0.00E+00	0.00E+00	2.60E-02
VE218H	9.40E-04	4.33E-01	7.61E-02	3.57E-01	0.00E+00	0.00E+00	4.75E+00	4.65E-06	4.40E-04	2.77E-03	0.00E+00	8.06E-03	3.62E-08	1.07E-09	5.35E-02	8.75E-04	3.41E-02	7.95E-03	6.26E-04	1.49E-01	3.21E+00	0.00E+00	4.27E-09	5.64E-09	6.46E-04	1.71E-05	4.30E-01	0.00E+00	3.21E+00	8.03E-09	3.21E+00	3.64E+00	4.30E-01	0.00E+00	0.00E+00	0.00E+00	2.69E-02
VE218L	9.27E-04	4.18E-01	7.64E-02	3.41E-01	0.00E+00	0.00E+00	4.76E+00	4.58E-06	4.39E-04	2.74E-03	0.00E+00	8.05E-03	3.63E-08	1.07E-09	5.10E-02	8.78E-04	3.01E-02	3.31E-03	5.95E-04	1.41E-01	3.16E+00	0.00E+00	4.25E-09	5.55E-09	6.40E-04	1.66E-05	4.23E-01	0.00E+00	3.16E+00	7.83E-09	3.16E+00	3.59E+00	4.23E-01	0.00E+00	0.00E+00	0.00E+00	2.56E-02
VE218PN	9.93E-04	4.14E-01	7.56E-02	3.38E-01	0.00E+00	0.00E+00	4.71E+00	4.53E-06	4.34E-04	2.71E-03	0.00E+00	7.97E-03	3.59E-08	1.06E-09	5.04E-02	8.69E-04	2.98E-02	3.31E-03	5.89E-04	1.39E-01	3.13E+00	0.00E+00	4.20E-09	5.49E-09	6.34E-04	1.64E-05	4.19E-01	0.00E+00	3.13E+00	7.75E-09	3.13E+00	3.55E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.53E-02
VE218S	9.56E-04	4.31E-01	7.89E-02	3.52E-01	0.00E+00	0.00E+00	4.91E+00	4.72E-06	4.53E-04	2.83E-03	0.00E+00	8.31E-03	3.75E-08	1.10E-09	5.25E-02	9.07E-04	3.09E-02	3.31E-03	6.14E-04	1.45E-01	3.26E+00	0.00E+00	4.39E-09	5.72E-09	6.61E-04	1.71E-05	4.37E-01	0.00E+00	3.26E+00	8.08E-09	3.26E+00	3.70E+00	4.37E-01	0.00E+00	0.00E+00	0.00E+00	2.64E-02
VE218SN	9.17E-04	4.14E-01	7.56E-02	3.38E-01	0.00E+00	0.00E+00	4.71E+00	4.53E-06	4.34E-04	2.71E-03	0.00E+00	7.97E-03	3.59E-08	1.06E-09	5.04E-02	8.69E-04	2.98E-02	3.31E-03	5.89E-04	1.39E-01	3.13E+00	0.00E+00	4.20E-09	5.49E-09	6.34E-04	1.64E-05	4.19E-01	0.00E+00	3.13E+00	7.75E-09	3.13E+00	3.55E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.53E-02
VE312DN	1.10E-03	4.92E-01	9.11E-02	4.01E-01	0.00E+00	0.00E+00	5.66E+00	5.42E-06	5.22E-04	3.25E-03	0.00E+00	9.58E-03	4.33E-08	1.27E-09	5.98E-02	1.05E-03	3.44E-02	2.37E-03	6.98E-04	1.65E-01	3.75E+00	0.00E+00	5.05E-09	6.57E-09	7.60E-04	1.96E-05	5.01E-01	0.00E+00	3.75E+00	9.25E-09	3.75E+00	4.25E+00	5.01E-01	0.00E+00	0.00E+00	0.00E+00	3.00E-02
VE312H	9.68E-04	4.42E-01	7.90E-02	3.63E-01	0.00E+00	0.00E+00	4.93E+00	4.79E-06	4.56E-04	2.86E-03	0.00E+00	8.35E-03	3.75E-08	1.11E-09	5.43E-02	9.08E-04	3.36E-02	6.25E-03	6.36E-04	1.51E-01	3.31E+00	0.00E+00	4.42E-09	5.81E-09	6.67E-04	1.75E-05	4.43E-01	0.00E+00	3.31E+00	8.24E-09	3.31E+00	3.75E+00	4.43E-01	0.00E+00	0.00E+00	0.00E+00	2.73E-02
VE312L	9.55E-04	4.28E-01	7.91E-02	3.49E-01	0.00E+00	0.00E+00	4.92E+00	4.72E-06	4.53E-04	2.83E-03	0.00E+00	8.32E-03	3.76E-08	1.10E-09	5.21E-02	9.08E-04	3.01E-02	2.37E-03	6.08E-04	1.44E-01	3.26E+00	0.00E+00	4.39E-09	5.71E-09	6.61E-04	1.70E-05	4.36E-01	0.00E+00	3.26E+00	8.05E-09	3.26E+00	3.70E+00	4.36E-01	0.00E+00	0.00E+00	0.00E+00	2.61E-02
VE312PN	1.02E-03	4.24E-01	7.83E-02	3.46E-01	0.00E+00	0.00E+00	4.87E+00	4.67E-06	4.49E-04	2.80E-03	0.00E+00	8.24E-03	3.72E-08	1.09E-09	5.16E-02	8.99E-04	2.99E-02	2.37E-03	6.02E-04	1.42E-01	3.23E+00	0.00E+00	4.34E-09	5.66E-09	6.54E-04	1.69E-05	4.31E-01	0.00E+00	3.23E+00	7.96E-09	3.23E+00	3.66E+00	4.31E-01	0.00E+00	0.00E+00	0.00E+00	2.59E-02
VE312S	9.85E-04	4.42E-01	8.16E-02	3.60E-01	0.00E+00	0.00E+00	5.07E+00	4.86E-06	4.68E-04	2.92E-03	0.00E+00	8.58E-03	3.87E-08	1.14E-09	5.37E-02	9.37E-04	3.10E-02	2.37E-03	6.27E-04	1.48E-01	3.36E+00	0.00E+00	4.52E-09	5.89E-09	6.81E-04	1.76E-05	4.49E-01	0.00E+00	3.36E+00	8.29E-09	3.36E+00	3.81E+00	4.49E-01	0.00E+00	0.00E+00	0.00E+00	2.69E-02
VE312SN	1.02E-03	4.24E-01	7.83E-02	3.46E-01	0.00E+00	0.00E+00	4.87E+00	4.67E-06	4.49E-04	2.80E-03	0.00E+00	8.24E-03	3.72E-08	1.09E-09	5.16E-02	8.99E-04	2.99E-02	2.37E-03	6.02E-04	1.42E-01	3.23E+00	0.00E+00	4.34E-09	5.66E-09	6.54E-04	1.69E-05	4.31E-01	0.00E+00	3.23E+00	7.96E-09	3.23E+00	3.66E+00	4.31E-01	0.00E+00	0.00E+00	0.00E+00	2.59E-02
VE318L	1.18E-03	5.28E-01	9.72E-02	4.31E-01	0.00E+00	0.00E+00	6.05E+00	5.81E-06	5.58E-04	3.48E-03	0.00E+00	1.02E-02	4.62E-08	1.36E-09	6.43E-02	1.12E-03	3.74E-02	3.31E-03	7.51E-04	1.78E-01	4.01E+00	0.00E+00	5.40E-09	7.03E-09	8.13E-04	2.10E-05	5.36E-01	0.00E+00	4.01E+00	9.91E-09	4.01E+00	4.55E+00	5.36E-01	0.00E+00	0.00E+00	0.00E+00	3.22E-02
VE318PN	1.26E-03	5.24E-01	9.64E-02	4.28E-01	0.00E+00	0.00E+00	6.00E+00	5.76E-06	5.53E-04	3.45E-03	0.00E+00	1.01E-02	4.58E-08	1.34E-09	6.38E-02	1.11E-03	3.71E-02	3.31E-03	7.45E-04	1.76E-01	3.98E+00	0.00E+00	5.35E-09	6.98E-09	8.06E-04	2.08E-05	5.32E-01	0.00E+00	3.98E+00	9.83E-09	3.98E+00	4.51E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	3.20E-02
VE318S	1.21E-03	5.41E-01	9.97E-02	4.42E-01	0.00E+00	0.00E+00	6.20E+00	5.95E-06	5.72E-04	3.57E-03	0.00E+00	1.05E-02	4.74E-08	1.39E-09	6.59E-02	1.15E-03	3.83E-02	3.31E-03	7.69E-04	1.82E-01	4.11E+00	0.00E+00	5.53E-09	7.21E-09	8.34E-04	2.15E-05	5.50E-01	0.00E+00	4.11E+00	1.02E-08	4.11E+00	4.66E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	3.30E-02
VE318SN	1.26E-03	5.24E-01	9.64E-02	4.28E-01	0.00E+00	0.00E+00	6.00E+00	5.76E-06	5.53E-04	3.45E-03	0.00E+00	1.01E-02	4.58E-08	1.34E-09	6.38E-02	1.11E-03	3.71E-02	3.31E-03	7.45E-04	1.76E-01	3.98E+00	0.00E+00	5.35E-09	6.98E-09	8.06E-04	2.08E-05	5.32E-01	0.00E+00	3.98E+00	9.83E-09	3.98E+00	4.51E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	3.20E-02
VE412H	1.10E-03	5.00E-01	9.00E-02	4.10E-01	0.00E+00	0.00E+00	5.60E+00	5.44E-06	5.18E-04	3.25E-03	0.00E+00	9.49E-03	4.27E-08	1.26E-09	6.13E-02	1.03E-03	3.75E-02	6.25E-03	7.17E-04	1.70E-01	3.75E+00	0.00E+00	5.02E-09	6.59E-09	7.58E-04	1.98E-05	5.02E-01	0.00E+00	3.75E+00	9.33E-09	3.75E+00	4.25E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	3.08E-02
VE412L	1.08E-03	4.85E-01	8.98E-02	3.95E-01	0.00E+00	0.00E+00	5.58E+00	5.35E-06	5.14E-04	3.21E-03	0.00E+00	9.44E-03	4.26E-08	1.25E-09	5.89E-02	1.03E-03	3.39E-02	2.37E-03	6.88E-04	1.63E-01	3.70E+00	0.00E+00	4.98E-09	6.48E-09	7.49E-04	1.93E-05	4.94E-01	0.00E+00	3.70E+00	9.11E-09	3.70E+00	4.19E+00	4.94E-01	0.00E+00	0.00E+00	0.00E+00	2.95E-02
VE412PN	1.16E-03	4.81E-01	8.89E-02	3.92E-01	0.00E+00	0.00E+00	5.53E+00	5.30E-06	5.10E-04	3.18E-03	0.00E+00	9.36E-03	4.22E-08	1.24E-09	5.84E-02	1.02E-03	3.36E-02	2.37E-03	6.82E-04	1.61E-01	3.66E+00	0.00E+00	4.93E-09	6.42E-09	7.43E-04	1.91E-05	4.89E-01	0.00E+00	3.66E+00	9.03E-09	3.66E+00	4.15E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	2.93E-02
VE412S	1.11E-03	4.98E-01	9.22E-02	4.06E-01	0.00E+00	0.00E+00	5.73E+00	5.49E-06	5.29E-04	3.30E-03	0.00E+00	9.70E-03	4.38E-08	1.28E-09	6.05E-02	1.06E-03	3.48E-02	2.37E-03	7.07E-04	1.67E-01	3.80E+00	0.00E+00	5.11E-09	6.65E-09	7.70E-04	1.98E-05	5.07E-01	0.00E+00	3.80E+00	9.36E-09	3.80E+00	4.30E+00	5.07E-01	0.00E+00	0.00E+00	0.00E+00	3.03E-02
VE412SN	1.16E-03	4.81E-01	8.89E-02	3.92E-01	0.00E+00	0.00E+00	5.53E+00	5.30E-06	5.10E-04	3.18E-03	0.00E+00	9.36E-03	4.22E-08	1.24E-09	5.84E-02	1.02E-03	3.36E-02	2.37E-03	6.82E-04	1.61E-01	3.66E+00	0.00E+00	4.93E-09	6.42E-09	7.43E-04	1.91E-05	4.89E-01	0.00E+00	3.66E+00	9.03E-09	3.66E+00	4.15E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	2.93E-02
VF104PEH	3.56E-04	1.56E-01	2.81E-02	1.28E-01	0.00E+00	0.00E+00	1.75E+00	1.69E-06	1.62E-04	1.01E-03	0.00E+00	2.96E-03	1.33E-08	3.93E-10	1.91E-02	3.23E-04	1.20E-02	2.46E-03	2.23E-04	5.28E-02	1.17E+00	0.00E+00	1.57E-09	2.05E-09	2.36E-04	6.17E-06	1.57E-01	0.00E+00	1.17E+00	2.91E-09	1.17E+00	1.33E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	9.57E-03
VF104PJ	3.36E-04	1.49E-01	2.71E-02	1.22E-01	0.00E+00	0.00E+00	1.68E+00	1.63E-06	1.56E-04	9.73E-04	0.00E+00	2.85E-03	1.29E-08	3.78E-10	1.82E-02	3.11E-04	1.13E-02	2.15E-03	2.13E-04	5.03E-02	1.12E+00	0.00E+00	1.51E-09	1.97E-09	2.27E-04	5.91E-06	1.50E-01	0.00E+00	1.12E+00	2.78E-09	1.12E+00	1.27E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	9.13E-03
VF104PP	4.76E-04	2.14E-01	3.93E-02	1.75E-01	0.00E+00	0.00E+00	2.44E+00	2.35E-06	2.26E-04	1.41E-03	0.00E+00	4.14E-03	1.87E-08	5.48E-10	2.61E-02	4.51E-04	1.53E-02	1.58E-03	3.05E-04	7.22E-02	1.62E+00	0.00E+00	2.18E-09	2.85E-09	3.29E-04	8.51E-06	2.17E-01	0.00E+00	1.62E+00	4.02E-09	1.62E+00	1.84E+00	2.17E-01	0.00E+00	0.00E+00	0.00E+00	1.31E-02
VF104PY	3.51E-04	1.56E-01	2.83E-02	1.27E-01	0.00E+00	0.00E+00	1.76E+00	1.70E-06	1.63E-04	1.02E-03	0.00E+00	2.98E-03	1.34E-08	3.95E-10	1.90E-02	3.25E-04	1.17E-02	2.17E-03	2.22E-04	5.26E-02	1.17E+00	0.00E+00	1.58E-09	2.06E-09	2.38E-04	6.17E-06	1.57E-01	0.00E+00	1.17E+00	2.91E-09	1.17E+00	1.33E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	9.54E-03
VF104TD	9.77E-05	3.54E-02	7.50E-03	2.79E-02	0.00E+00	0.00E+00	4.62E-01	4.18E-07	4.21E-05	2.56E-04	0.00E+00	7.78E-04	3.56E-09	1.02E-10	4.09E-03	8.61E-05	3.07E-03	1.46E-03	4.73E-05	1.10E-02	2.91E-01	0.00E+00	4.04E-10	5.06E-10	6.01E-05	1.44E-06	3.85E-02	0.00E+00	2.91E-01	6.89E-10	2.91E-01	3.30E-01	3.85E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
VF104TJ	2.85E-04	1.22E-01	2.25E-02	9.91E-02	0.00E+00	0.00E+00	1.40E+00	1.34E-06	1.29E-04	8.05E-04	0.00E+00	2.37E-03	1.07E-08	3.14E-10	1.48E-02	2.59E-04	9.16E-03	2.01E-03	1.72E-04	4.07E-02	9.27E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.84E-06	1.24E-01	0.00E+00	9.27E-01	2.29E-09	9.27E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.40E-03
VF104TM	3.26E-04	1.41E-01	2.58E-02	1.15E-01	0.00E+00	0.00E+00	1.61E+00	1.54E-06	1.48E-04	9.26E-04	0.00E+00	2.72E-03	1.23E-08	3.60E-10	1.71E-02	2.97E-04	1.05E-02	2.14E-03	2.00E-04	4.73E-02	1.07E+00	0.00E+00	1.44E-09	1.87E-09	2.16E-04	5.59E-06	1.43E-01	0.00E+00	1.07E+00	2.64E-09	1.07E+00	1.21E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	8.58E-03
VF104TR	3.26E-04	1.42E-01	2.62E-02	1.16E-01	0.00E+00	0.00E+00	1.63E+00	1.56E-06	1.50E-04	9.38E-04	0.00E+00	2.76E-03	1.25E-08	3.65E-10	1.72E-02	3.01E-04	1.07E-02	1.96E-03	2.01E-04	4.76E-02	1.08E+00	0.00E+00	1.45E-09	1.89E-09	2.19E-04	5.64E-06	1.44E-01	0.00E+00	1.08E+00	2.67E-09	1.08E+00	1.22E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	8.64E-03
VF104TS	1.83E-04	7.49E-02	1.54E-02	5.96E-02	0.00E+00	0.00E+00	9.48E-01	8.69E-07	8.66E-05	5.30E-04	0.00E+00	1.60E-03	7.29E-09	2.10E-10	8.77E-03	1.76E-04	5.69E-03	1.67E-03	1.02E-04	2.38E-02	6.05E-01	0.00E+00	8.32E-10	1.05E-09	1.24E-04	3.03E-06	8.01E-02	0.00E+00	6.05E-01	1.45E-09	6.05E-01	6.85E-01	8.01E-02	0.00E+00	0.00E+00	0.00E+00	4.36E-03
VF108PA	1.02E-05	1.06E-03	9.46E-04	1.15E-04	0.00E+00	0.00E+00	5.55E-02	3.37E-08	4.73E-06	2.46E-05	0.00E+00	9.09E-05	4.50E-10	1.13E-11	3.87E-05	1.09E-05	1.04E-03	1.49E-03	8.29E-07	3.08E-04	2.51E-02	0.00E+00	4.29E-11	4.04E-11	5.94E-06	6.59E-08	3.01E-03	0.00E+00	2.51E-02	3.87E-11	2.51E-02	2.81E-02	3.01E-03	0.00E+00	0.00E+00	0.00E+00	3.57E-05
VF108PD	3.46E-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	2.95E-03	1.33E-08	3.91E-10	1.91E-02	3.21E-04	1.19E-02	2.51E-03	2.24E-04	5.30E-02	1.17E+00	0.00E+00	1.56E-09	2.05E-09	2.36E-04	6.17E-06	1.56E-01	0.00E+00	1.17E+00	2.90E-09	1.17E+00	1.32E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	9.60E-03
VF108PE	3.35E-04	1.53E-01	2.73E-02	1.26E-01	0.00E+00	0.00E+00	1.70E+00	1.66E-06	1.57E-04	9.88E-04	0.00E+00	2.88E-03	1.30E-08	3.83E-10	1.88E-02	3.14E-04	1.17E-02	2.22E-03	2.20E-04	5.22E-02	1.14E+00	0.00E+00	1.53E-09	2.01E-09	2.30E-04	6.05E-06	1.53E-01	0.00E+00	1.14E+00	2.85E-09	1.14E+00	1.30E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	9.45E-03
VF108PEB	3.33E-04	1.51E-01	2.73E-02	1.24E-01	0.00E+00	0.00E+00	1.70E+00	1.65E-06	1.57E-04	9.84E-04	0.00E+00	2.88E-03	1.30E-08	3.82E-10	1.85E-02	3.14E-04	1.12E-02	1.75E-03	2.17E-04	5.13E-02	1.14E+00	0.00E+00	1.52E-09	1.99E-09	2.30E-04	5.99E-06	1.52E-01	0.00E+00	1.14E+00	2.82E-09	1.14E+00	1.29E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	9.30E-03
VF108PEH	4.20E-04	1.91E-01	3.37E-02	1.57E-01	0.00E+00	0.00E+00	2.10E+00	2.06E-06	1.95E-04	1.23E-03	0.00E+00	3.57E-03	1.60E-08	4.74E-10	2.36E-02	3.87E-04	1.48E-02	2.90E-03	2.76E-04	6.56E-02	1.42E+00	0.00E+00	1.89E-09	2.49E-09	2.86E-04	7.55E-06	1.90E-01	0.00E+00	1.42E+00	3.55E-09	1.42E+00	1.61E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.19E-02
VF108PF	9.73E-06	1.07E-03	9.25E-04	1.46E-04	0.00E+00	0.00E+00	5.43E-02	3.31E-08	4.63E-06	2.41E-05	0.00E+00	8.89E-05	4.40E-10	1.10E-11	3.24E-05	1.06E-05	1.14E-03	1.39E-03	7.45E-07	2.84E-04	2.47E-02	0.00E+00	4.20E-11	3.97E-11	5.82E-06	6.55E-08	2.96E-03	0.00E+00	2.47E-02	3.82E-11	2.47E-02	2.76E-02	2.96E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-05
VF108PJ	4.49E-04	2.03E-01	3.61E-02	1.67E-01	0.00E+00	0.00E+00	2.25E+00	2.19E-06	2.08E-04	1.31E-03	0.00E+00	3.82E-03	1.72E-08	5.07E-10	2.49E-02	4.15E-04	1.52E-02	2.84E-03	2.92E-04	6.92E-02	1.51E+00	0.00E+00	2.02E-09	2.66E-09	3.05E-04	8.02E-06	2.03E-01	0.00E+00	1.51E+00	3.77E-09	1.51E+00	1.72E+00	2.03E-01	0.00E+00	0.00E+00	0.00E+00	1.25E-02
VF108PM	2.73E-04	1.22E-01	2.20E-02	9.98E-02	0.00E+00	0.00E+00	1.37E+00	1.33E-06	1.27E-04	7.93E-04	0.00E+00	2.32E-03	1.05E-08	3.08E-10	1.49E-02	2.53E-04	9.56E-03	2.27E-03	1.74E-04	4.13E-02	9.16E-01	0.00E+00	1.23E-09	1.61E-09	1.85E-04	4.83E-06	1.23E-01	0.00E+00	9.16E-01	2.28E-09	9.16E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.49E-03
VF108PP	3.37E-04	1.54E-01	2.75E-02	1.26E-01	0.00E+00	0.00E+00	1.71E+00	1.67E-06	1.59E-04	9.95E-04	0.00E+00	2.90E-03	1.31E-08	3.85E-10	1.89E-02	3.16E-04	1.17E-02	2.22E-03	2.21E-04	5.25E-02	1.15E+00	0.00E+00	1.54E-09	2.02E-09	2.32E-04	6.09E-06	1.54E-01	0.00E+00	1.15E+00	2.87E-09	1.15E+00	1.30E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	9.51E-03
VF108PR	3.81E-04	1.73E-01	3.09E-02	1.42E-01	0.00E+00	0.00E+00	1.93E+00	1.88E-06	1.78E-04	1.12E-03	0.00E+00	3.27E-03	1.47E-08	4.34E-10	2.13E-02	3.55E-04	1.33E-02	2.32E-03	2.50E-04	5.92E-02	1.29E+00	0.00E+00	1.73E-09	2.27E-09	2.61E-04	6.86E-06	1.74E-01	0.00E+00	1.29E+00	3.23E-09	1.29E+00	1.47E+00	1.74E-01	0.00E+00	0.00E+00	0.00E+00	1.07E-02
VF108PT	3.45E-04	1.57E-01	2.81E-02	1.29E-01	0.00E+00	0.00E+00	1.75E+00	1.71E-06	1.62E-04	1.02E-03	0.00E+00	2.97E-03	1.34E-08	3.94E-10	1.93E-02	3.23E-04	1.20E-02	2.22E-03	2.26E-04	5.37E-02	1.18E+00	0.00E+00	1.57E-09	2.07E-09	2.37E-04	6.23E-06	1.58E-01	0.00E+00	1.18E+00	2.93E-09	1.18E+00	1.33E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	9.72E-03
VF108PY	4.20E-04	1.90E-01	3.39E-02	1.56E-01	0.00E+00	0.00E+00	2.11E+00	2.06E-06	1.95E-04	1.23E-03	0.00E+00	3.58E-03	1.61E-08	4.75E-10	2.33E-02	3.90E-04	1.43E-02	2.76E-03	2.73E-04	6.46E-02	1.42E+00	0.00E+00	1.90E-09	2.49E-09	2.86E-04	7.51E-06	1.90E-01	0.00E+00	1.42E+00	3.53E-09	1.42E+00	1.61E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
VF108TA	4.21E-04	1.90E-01	3.38E-02	1.56E-01	0.00E+00	0.00E+00	2.11E+00	2.05E-06	1.95E-04	1.22E-03	0.00E+00	3.57E-03	1.61E-08	4.74E-10	2.33E-02	3.89E-04	1.42E-02	2.65E-03	2.73E-04	6.47E-02	1.42E+00	0.00E+00	1.89E-09	2.49E-09	2.86E-04	7.51E-06	1.90E-01	0.00E+00	1.42E+00	3.53E-09	1.42E+00	1.61E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
VF108TD	1.08E-05	1.07E-03	9.20E-04	1.52E-04	0.00E+00	0.00E+00	5.40E-02	3.30E-08	4.61E-06	2.40E-05	0.00E+00	8.85E-05	4.37E-10	1.10E-11	3.10E-05	1.06E-05	9.58E-04	1.39E-03	7.26E-07	2.79E-04	2.46E-02	0.00E+00	4.18E-11	3.96E-11	5.80E-06	6.54E-08	2.95E-03	0.00E+00	2.46E-02	3.82E-11	2.46E-02	2.75E-02	2.95E-03	0.00E+00	0.00E+00	0.00E+00	3.13E-05
VF108TE	4.24E-04	1.91E-01	3.40E-02	1.57E-01	0.00E+00	0.00E+00	2.12E+00	2.07E-06	1.96E-04	1.23E-03	0.00E+00	3.59E-03	1.61E-08	4.77E-10	2.35E-02	3.91E-04	1.43E-02	2.67E-03	2.75E-04	6.53E-02	1.42E+00	0.00E+00	1.90E-09	2.50E-09	2.87E-04	7.56E-06	1.91E-01	0.00E+00	1.42E+00	3.56E-09	1.42E+00	1.62E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	1.18E-02
VF108TF	4.21E-04	1.90E-01	3.38E-02	1.56E-01	0.00E+00	0.00E+00	2.11E+00	2.05E-06	1.95E-04	1.22E-03	0.00E+00	3.57E-03	1.61E-08	4.74E-10	2.33E-02	3.89E-04	1.42E-02	2.64E-03	2.73E-04	6.47E-02	1.42E+00	0.00E+00	1.89E-09	2.49E-09	2.86E-04	7.51E-06	1.90E-01	0.00E+00	1.42E+00	3.53E-09	1.42E+00	1.61E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02

VF108TJ	3.18E-04	1.42E-01	2.56E-02	1.17E-01	0.00E+00	0.00E+00	1.59E+00	1.54E-06	1.47E-04	9.22E-04	0.00E+00	2.70E-03	1.21E-08	3.58E-10	1.74E-02	2.94E-04	1.09E-02	2.32E-03	2.04E-04	4.83E-02	1.07E+00	0.00E+00	1.43E-09	1.87E-09	2.15E-04	5.63E-06	1.43E-01	0.00E+00	1.07E+00	2.65E-09	1.07E+00	1.21E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	8.76E-03
VF108TM	2.44E-04	1.08E-01	1.96E-02	8.86E-02	0.00E+00	0.00E+00	1.22E+00	1.18E-06	1.13E-04	7.06E-04	0.00E+00	2.07E-03	9.32E-09	2.74E-10	1.32E-02	2.25E-04	8.52E-03	2.08E-03	1.55E-04	3.67E-02	8.16E-01	0.00E+00	1.09E-09	1.43E-09	1.65E-04	4.29E-06	1.09E-01	0.00E+00	8.16E-01	2.02E-09	8.16E-01	9.25E-01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	6.65E-03
VF108TP	4.21E-04	1.90E-01	3.38E-02	1.56E-01	0.00E+00	0.00E+00	2.11E+00	2.05E-06	1.95E-04	1.22E-03	0.00E+00	3.57E-03	1.61E-08	4.74E-10	2.33E-02	3.89E-04	1.42E-02	2.65E-03	2.73E-04	6.47E-02	1.42E+00	0.00E+00	1.89E-09	2.49E-09	2.86E-04	7.51E-06	1.90E-01	0.00E+00	1.42E+00	3.53E-09	1.42E+00	1.61E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
VF108TR	6.41E-06	1.10E-03	8.53E-04	2.47E-04	0.00E+00	0.00E+00	5.02E-02	3.12E-08	4.29E-06	2.25E-05	0.00E+00	8.23E-05	4.06E-10	1.02E-11	1.16E-05	9.81E-06	1.10E-03	1.21E-03	4.63E-07	2.06E-04	2.31E-02	0.00E+00	3.90E-11	3.74E-11	5.43E-06	6.43E-08	2.79E-03	0.00E+00	2.31E-02	3.69E-11	2.31E-02	2.59E-02	2.79E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-05
VF108TS	4.18E-04	1.89E-01	3.45E-02	1.55E-01	0.00E+00	0.00E+00	2.15E+00	2.07E-06	1.98E-04	1.24E-03	0.00E+00	3.63E-03	1.64E-08	4.82E-10	2.31E-02	3.96E-04	1.42E-02	2.59E-03	2.70E-04	6.40E-02	1.43E+00	0.00E+00	1.92E-09	2.51E-09	2.89E-04	7.52E-06	1.91E-01	0.00E+00	1.43E+00	3.54E-09	1.43E+00	1.62E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	1.16E-02
VF112PA	5.49E-04	2.44E-01	4.42E-02	1.99E-01	0.00E+00	0.00E+00	2.75E+00	2.66E-06	2.54E-04	1.59E-03	0.00E+00	4.66E-03	2.10E-08	6.18E-10	2.98E-02	5.08E-04	1.83E-02	2.81E-03	3.48E-04	8.24E-02	1.84E+00	0.00E+00	2.46E-09	3.22E-09	3.71E-04	9.66E-06	2.46E-01	0.00E+00	1.84E+00	4.55E-09	1.84E+00	2.08E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VF112PD	5.43E-04	2.41E-01	4.37E-02	1.97E-01	0.00E+00	0.00E+00	2.72E+00	2.63E-06	2.51E-04	1.57E-03	0.00E+00	4.61E-03	2.08E-08	6.11E-10	2.94E-02	5.02E-04	1.81E-02	2.79E-03	3.44E-04	8.15E-02	1.82E+00	0.00E+00	2.44E-09	3.19E-09	3.67E-04	9.55E-06	2.43E-01	0.00E+00	1.82E+00	4.50E-09	1.82E+00	2.06E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	1.48E-02
VF112PE	5.77E-04	2.60E-01	4.76E-02	2.13E-01	0.00E+00	0.00E+00	2.96E+00	2.85E-06	2.73E-04	1.71E-03	0.00E+00	5.01E-03	2.26E-08	6.64E-10	3.18E-02	5.46E-04	1.88E-02	2.17E-03	3.71E-04	8.79E-02	1.97E+00	0.00E+00	2.65E-09	3.45E-09	3.99E-04	1.03E-05	2.64E-01	0.00E+00	1.97E+00	4.88E-09	1.97E+00	2.23E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.59E-02
VF112PEB	5.77E-04	2.60E-01	4.76E-02	2.13E-01	0.00E+00	0.00E+00	2.96E+00	2.85E-06	2.73E-04	1.71E-03	0.00E+00	5.01E-03	2.26E-08	6.64E-10	3.18E-02	5.46E-04	1.88E-02	2.17E-03	3.71E-04	8.79E-02	1.97E+00	0.00E+00	2.65E-09	3.45E-09	3.99E-04	1.03E-05	2.64E-01	0.00E+00	1.97E+00	4.88E-09	1.97E+00	2.23E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.59E-02
VF112PEH	5.46E-04	2.44E-01	4.37E-02	2.00E-01	0.00E+00	0.00E+00	2.73E+00	2.65E-06	2.52E-04	1.58E-03	0.00E+00	4.62E-03	2.08E-08	6.13E-10	2.99E-02	5.03E-04	1.87E-02	2.98E-03	3.50E-04	8.29E-02	1.83E+00	0.00E+00	2.44E-09	3.21E-09	3.69E-04	9.65E-06	2.45E-01	0.00E+00	1.83E+00	4.55E-09	1.83E+00	2.07E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-02
VF112PF	1.94E-05	6.83E-04	1.64E-03	2.32E-03	0.00E+00	0.00E+00	9.43E-02	4.44E-08	7.78E-06	3.70E-05	0.00E+00	1.52E-04	7.80E-10	1.84E-11	4.78E-04	1.89E-05	1.05E-03	1.10E-03	6.47E-06	1.79E-03	3.49E-02	0.00E+00	6.84E-11	5.28E-11	9.09E-06	2.86E-08	3.85E-03	0.00E+00	3.49E-02	3.13E-11	3.49E-02	3.88E-02	3.85E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
VF112PJ	3.52E-04	1.53E-01	2.85E-02	1.24E-01	0.00E+00	0.00E+00	1.77E+00	1.69E-06	1.63E-04	1.01E-03	0.00E+00	2.99E-03	1.35E-08	3.96E-10	1.85E-02	3.27E-04	1.17E-02	2.07E-03	2.16E-04	5.10E-02	1.17E+00	0.00E+00	1.57E-09	2.04E-09	2.37E-04	6.08E-06	1.56E-01	0.00E+00	1.17E+00	2.87E-09	1.17E+00	1.32E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	9.26E-03
VF112PM	1.91E-04	8.10E-02	1.53E-02	6.57E-02	0.00E+00	0.00E+00	9.49E-01	9.01E-07	8.74E-05	5.43E-04	0.00E+00	1.61E-03	7.26E-09	2.12E-10	9.76E-03	1.76E-04	6.91E-03	1.50E-03	1.14E-04	2.69E-02	6.24E-01	0.00E+00	8.44E-10	1.09E-09	1.27E-04	3.23E-06	8.32E-02	0.00E+00	6.24E-01	1.53E-09	6.24E-01	7.07E-01	8.32E-02	0.00E+00	0.00E+00	0.00E+00	4.89E-03
VF112PP	6.29E-04	2.83E-01	5.19E-02	2.32E-01	0.00E+00	0.00E+00	3.23E+00	3.11E-06	2.98E-04	1.86E-03	0.00E+00	5.47E-03	2.47E-08	7.24E-10	3.46E-02	5.96E-04	2.03E-02	2.17E-03	4.04E-04	9.55E-02	2.15E+00	0.00E+00	2.88E-09	3.76E-09	4.35E-04	1.13E-05	2.87E-01	0.00E+00	2.15E+00	5.31E-09	2.15E+00	2.43E+00	2.87E-01	0.00E+00	0.00E+00	0.00E+00	1.73E-02
VF112PR	1.60E-05	7.60E-04	1.67E-03	9.10E-04	0.00E+00	0.00E+00	9.71E-02	5.33E-08	8.17E-06	4.09E-05	0.00E+00	1.58E-04	7.94E-10	1.94E-11	2.50E-04	1.92E-05	1.08E-03	7.00E-04	3.68E-06	1.10E-03	4.05E-02	0.00E+00	7.31E-11	6.37E-11	9.95E-06	7.85E-08	4.71E-03	0.00E+00	4.05E-02	5.24E-11	4.05E-02	4.52E-02	4.71E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
VF112PS	6.48E-04	2.94E-01	5.32E-02	2.41E-01	0.00E+00	0.00E+00	3.31E+00	3.21E-06	3.06E-04	1.92E-03	0.00E+00	5.61E-03	2.53E-08	7.44E-10	3.60E-02	6.11E-04	2.18E-02	3.30E-03	4.21E-04	9.98E-02	2.21E+00	0.00E+00	2.96E-09	3.88E-09	4.47E-04	1.17E-05	2.96E-01	0.00E+00	2.21E+00	5.50E-09	2.21E+00	2.51E+00	2.96E-01	0.00E+00	0.00E+00	0.00E+00	1.81E-02
VF112PT	6.00E-04	2.75E-01	4.88E-02	2.26E-01	0.00E+00	0.00E+00	3.04E+00	2.97E-06	2.81E-04	1.77E-03	0.00E+00	5.16E-03	2.32E-08	6.85E-10	3.39E-02	5.60E-04	2.14E-02	4.53E-03	3.97E-04	9.42E-02	2.05E+00	0.00E+00	2.73E-09	3.60E-09	4.13E-04	1.09E-05	2.75E-01	0.00E+00	2.05E+00	5.12E-09	2.05E+00	2.32E+00	2.75E-01	0.00E+00	0.00E+00	0.00E+00	1.71E-02
VF112PY	5.49E-04	2.44E-01	4.43E-02	1.99E-01	0.00E+00	0.00E+00	2.76E+00	2.66E-06	2.54E-04	1.59E-03	0.00E+00	4.67E-03	2.10E-08	6.19E-10	2.98E-02	5.09E-04	1.83E-02	2.83E-03	3.48E-04	8.24E-02	1.84E+00	0.00E+00	2.47E-09	3.22E-09	3.72E-04	9.66E-06	2.46E-01	0.00E+00	1.84E+00	4.56E-09	1.84E+00	2.08E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VF112PZG	5.51E-04	2.43E-01	4.46E-02	1.99E-01	0.00E+00	0.00E+00	2.77E+00	2.67E-06	2.56E-04	1.60E-03	0.00E+00	4.69E-03	2.12E-08	6.22E-10	2.97E-02	5.12E-04	1.80E-02	2.58E-03	3.47E-04	8.20E-02	1.84E+00	0.00E+00	2.48E-09	3.23E-09	3.73E-04	9.67E-06	2.47E-01	0.00E+00	1.84E+00	4.56E-09	1.84E+00	2.09E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VF112TA	3.73E-04	1.62E-01	2.99E-02	1.32E-01	0.00E+00	0.00E+00	1.86E+00	1.79E-06	1.72E-04	1.07E-03	0.00E+00	3.15E-03	1.42E-08	4.17E-10	1.97E-02	3.44E-04	1.25E-02	2.09E-03	2.30E-04	5.44E-02	1.23E+00	0.00E+00	1.66E-09	2.16E-09	2.50E-04	6.45E-06	1.65E-01	0.00E+00	1.23E+00	3.05E-09	1.23E+00	1.40E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	9.88E-03
VF112TD	4.29E-04	1.88E-01	3.44E-02	1.54E-01	0.00E+00	0.00E+00	2.14E+00	2.06E-06	1.98E-04	1.24E-03	0.00E+00	3.63E-03	1.64E-08	4.80E-10	2.29E-02	3.96E-04	1.43E-02	2.27E-03	2.68E-04	6.33E-02	1.42E+00	0.00E+00	1.91E-09	2.50E-09	2.88E-04	7.47E-06	1.90E-01	0.00E+00	1.42E+00	3.52E-09	1.42E+00	1.61E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-02
VF112TE	5.49E-04	2.44E-01	4.42E-02	1.99E-01	0.00E+00	0.00E+00	2.75E+00	2.66E-06	2.54E-04	1.59E-03	0.00E+00	4.66E-03	2.10E-08	6.18E-10	2.98E-02	5.08E-04	1.81E-02	2.58E-03	3.48E-04	8.24E-02	1.84E+00	0.00E+00	2.46E-09	3.22E-09	3.71E-04	9.66E-06	2.46E-01	0.00E+00	1.84E+00	4.55E-09	1.84E+00	2.08E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VF112TF	5.01E-04	2.20E-01	4.02E-02	1.80E-01	0.00E+00	0.00E+00	2.50E+00	2.41E-06	2.31E-04	1.44E-03	0.00E+00	4.23E-03	1.91E-08	5.61E-10	2.69E-02	4.62E-04	1.65E-02	2.37E-03	3.15E-04	7.45E-02	1.67E+00	0.00E+00	2.24E-09	2.92E-09	3.37E-04	8.75E-06	2.23E-01	0.00E+00	1.67E+00	4.13E-09	1.67E+00	1.89E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00	1.35E-02
VF112TJ	3.44E-04	1.49E-01	2.77E-02	1.21E-01	0.00E+00	0.00E+00	1.72E+00	1.64E-06	1.59E-04	9.87E-04	0.00E+00	2.91E-03	1.32E-08	3.85E-10	1.80E-02	3.18E-04	1.13E-02	1.88E-03	2.10E-04	4.96E-02	1.14E+00	0.00E+00	1.53E-09	1.99E-09	2.31E-04	5.92E-06	1.52E-01	0.00E+00	1.14E+00	2.80E-09	1.14E+00	1.29E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	9.02E-03
VF112TM	1.80E-05	9.35E-04	1.25E-03	3.16E-04	0.00E+00	0.00E+00	7.30E-02	4.19E-08	6.18E-06	3.15E-05	0.00E+00	1.19E-04	5.95E-10	1.47E-11	1.27E-04	1.44E-05	1.22E-03	7.24E-04	2.03E-06	6.41E-04	3.16E-02	0.00E+00	5.56E-11	5.02E-11	7.63E-06	7.12E-08	3.73E-03	0.00E+00	3.16E-02	4.45E-11	3.16E-02	3.53E-02	3.73E-03	0.00E+00	0.00E+00	0.00E+00	8.73E-05
VF112TP	6.29E-04	2.83E-01	5.19E-02	2.32E-01	0.00E+00	0.00E+00	3.23E+00	3.11E-06	2.98E-04	1.86E-03	0.00E+00	5.47E-03	2.47E-08	7.24E-10	3.46E-02	5.96E-04	2.03E-02	2.17E-03	4.04E-04	9.55E-02	2.15E+00	0.00E+00	2.88E-09	3.76E-09	4.35E-04	1.13E-05	2.87E-01	0.00E+00	2.15E+00	5.31E-09	2.15E+00	2.43E+00	2.87E-01	0.00E+00	0.00E+00	0.00E+00	1.73E-02
VF112TR	4.67E-04	2.08E-01	3.79E-02	1.70E-01	0.00E+00	0.00E+00	2.36E+00	2.28E-06	2.18E-04	1.36E-03	0.00E+00	3.99E-03	1.80E-08	5.29E-10	2.55E-02	4.35E-04	1.57E-02	2.07E-03	2.97E-04	7.04E-02	1.57E+00	0.00E+00	2.11E-09	2.76E-09	3.18E-04	8.27E-06	2.10E-01	0.00E+00	1.57E+00	3.90E-09	1.57E+00	1.78E+00	2.10E-01	0.00E+00	0.00E+00	0.00E+00	1.28E-02
VF112TS	4.86E-04	2.16E-01	3.99E-02	1.76E-01	0.00E+00	0.00E+00	2.48E+00	2.38E-06	2.29E-04	1.43E-03	0.00E+00	4.20E-03	1.90E-08	5.56E-10	2.63E-02	4.58E-04	1.62E-02	2.47E-03	3.07E-04	7.26E-02	1.65E+00	0.00E+00	2.21E-09	2.88E-09	3.33E-04	8.60E-06	2.20E-01	0.00E+00	1.65E+00	4.06E-09	1.65E+00	1.87E+00	2.20E-01	0.00E+00	0.00E+00	0.00E+00	1.32E-02
VF112TY	5.50E-04	2.44E-01	4.42E-02	1.99E-01	0.00E+00	0.00E+00	2.75E+00	2.66E-06	2.54E-04	1.59E-03	0.00E+00	4.66E-03	2.10E-08	6.18E-10	2.98E-02	5.08E-04	1.81E-02	2.67E-03	3.48E-04	8.24E-02	1.84E+00	0.00E+00	2.46E-09	3.22E-09	3.71E-04	9.66E-06	2.46E-01	0.00E+00	1.84E+00	4.56E-09	1.84E+00	2.08E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VF118PA	7.62E-04	3.38E-01	6.16E-02	2.77E-01	0.00E+00	0.00E+00	3.84E+00	3.70E-06	3.54E-04	2.21E-03	0.00E+00	6.49E-03	2.93E-08	8.60E-10	4.13E-02	7.08E-04	2.50E-02	3.43E-03	4.83E-04	1.14E-01	2.55E+00	0.00E+00	3.43E-09	4.48E-09	5.17E-04	1.34E-05	3.42E-01	0.00E+00	2.55E+00	6.33E-09	2.55E+00	2.90E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	2.07E-02
VF118PD	7.88E-04	3.59E-01	6.45E-02	2.94E-01	0.00E+00	0.00E+00	4.02E+00	3.90E-06	3.71E-04	2.33E-03	0.00E+00	6.81E-03	3.06E-08	9.03E-10	4.40E-02	7.41E-04	2.70E-02	4.58E-03	5.15E-04	1.22E-01	2.69E+00	0.00E+00	3.60E-09	4.72E-09	5.44E-04	1.42E-05	3.60E-01	0.00E+00	2.69E+00	6.70E-09	2.69E+00	3.05E+00	3.60E-01	0.00E+00	0.00E+00	0.00E+00	2.21E-02
VF118PEH	8.47E-04	3.79E-01	6.92E-02	3.09E-01	0.00E+00	0.00E+00	4.31E+00	4.15E-06	3.97E-04	2.48E-03	0.00E+00	7.29E-03	3.29E-08	9.66E-10	4.62E-02	7.95E-04	2.81E-02	3.89E-03	5.40E-04	1.28E-01	2.87E+00	0.00E+00	3.85E-09	5.02E-09	5.80E-04	1.50E-05	3.83E-01	0.00E+00	2.87E+00	7.09E-09	2.87E+00	3.25E+00	3.83E-01	0.00E+00	0.00E+00	0.00E+00	2.32E-02
VF118PES	8.49E-04	3.86E-01	6.96E-02	3.16E-01	0.00E+00	0.00E+00	4.33E+00	4.20E-06	4.00E-04	2.51E-03	0.00E+00	7.34E-03	3.30E-08	9.73E-10	4.73E-02	7.99E-04	2.88E-02	4.58E-03	5.53E-04	1.31E-01	2.90E+00	0.00E+00	3.88E-09	5.09E-09	5.86E-04	1.53E-05	3.88E-01	0.00E+00	2.90E+00	7.20E-09	2.90E+00	3.29E+00	3.88E-01	0.00E+00	0.00E+00	0.00E+00	2.37E-02
VF118PF	7.03E-04	3.11E-01	5.70E-02	2.54E-01	0.00E+00	0.00E+00	3.55E+00	3.41E-06	3.27E-04	2.04E-03	0.00E+00	6.00E-03	2.71E-08	7.95E-10	3.79E-02	6.55E-04	2.30E-02	3.05E-03	4.43E-04	1.05E-01	2.36E+00	0.00E+00	3.17E-09	4.13E-09	4.77E-04	1.24E-05	3.15E-01	0.00E+00	2.36E+00	5.83E-09	2.36E+00	2.67E+00	3.15E-01	0.00E+00	0.00E+00	0.00E+00	1.90E-02
VF118PJ	6.03E-04	2.65E-01	4.90E-02	2.16E-01	0.00E+00	0.00E+00	3.04E+00	2.92E-06	2.81E-04	1.75E-03	0.00E+00	5.15E-03	2.33E-08	6.82E-10	3.22E-02	5.62E-04	1.97E-02	2.77E-03	3.76E-04	8.89E-02	2.02E+00	0.00E+00	2.71E-09	3.53E-09	4.09E-04	1.05E-05	2.69E-01	0.00E+00	2.02E+00	4.98E-09	2.02E+00	2.29E+00	2.69E-01	0.00E+00	0.00E+00	0.00E+00	1.61E-02
VF118PJ1	6.33E-04	2.78E-01	5.13E-02	2.27E-01	0.00E+00	0.00E+00	3.19E+00	3.06E-06	2.94E-04	1.84E-03	0.00E+00	5.40E-03	2.44E-08	7.15E-10	3.39E-02	5.90E-04	2.06E-02	2.91E-03	3.96E-04	9.36E-02	2.12E+00	0.00E+00	2.85E-09	3.71E-09	4.29E-04	1.11E-05	2.83E-01	0.00E+00	2.12E+00	5.23E-09	2.12E+00	2.40E+00	2.83E-01	0.00E+00	0.00E+00	0.00E+00	1.70E-02
VF118PM	7.59E-04	3.38E-01	6.11E-02	2.77E-01	0.00E+00	0.00E+00	3.81E+00	3.69E-06	3.52E-04	2.20E-03	0.00E+00	6.45E-03	2.90E-08	8.55E-10	4.14E-02	7.02E-04	2.50E-02	3.24E-03	4.85E-04	1.15E-01	2.54E+00	0.00E+00	3.41E-09	4.47E-09	5.14E-04	1.34E-05	3.41E-01	0.00E+00	2.54E+00	6.32E-09	2.54E+00	2.89E+00	3.41E-01	0.00E+00	0.00E+00	0.00E+00	2.08E-02
VF118PP	8.44E-04	3.84E-01	6.91E-02	3.14E-01	0.00E+00	0.00E+00	4.31E+00	4.17E-06	3.98E-04	2.49E-03	0.00E+00	7.29E-03	3.28E-08	9.67E-10	4.70E-02	7.94E-04	2.86E-02	4.58E-03	5.50E-04	1.30E-01	2.88E+00	0.00E+00	3.86E-09	5.06E-09	5.82E-04	1.52E-05	3.86E-01	0.00E+00	2.88E+00	7.16E-09	2.88E+00	3.27E+00	3.86E-01	0.00E+00	0.00E+00	0.00E+00	2.36E-02
VF118PR	9.15E-04	4.09E-01	7.43E-02	3.34E-01	0.00E+00	0.00E+00	4.62E+00	4.46E-06	4.27E-04	2.67E-03	0.00E+00	7.83E-03	3.53E-08	1.04E-09	4.99E-02	8.53E-04	2.94E-02	3.19E-03	5.84E-04	1.38E-01	3.08E+00	0.00E+00	4.13E-09	5.41E-09	6.24E-04	1.62E-05	4.12E-01	0.00E+00	3.08E+00	7.64E-09	3.08E+00	3.50E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	2.51E-02
VF118PS	8.54E-04	3.88E-01	7.00E-02	3.18E-01	0.00E+00	0.00E+00	4.36E+00	4.22E-06	4.03E-04	2.52E-03	0.00E+00	7.38E-03	3.32E-08	9.79E-10	4.75E-02	8.04E-04	2.89E-02	4.58E-03	5.56E-04	1.32E-01	2.91E+00	0.00E+00	3.90E-09	5.11E-09	5.89E-04	1.54E-05	3.90E-01	0.00E+00	2.91E+00	7.24E-09	2.91E+00	3.30E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	2.39E-02
VF118PT	8.03E-04	3.68E-01	6.54E-02	3.03E-01	0.00E+00	0.00E+00	4.08E+00	3.98E-06	3.77E-04	2.37E-03	0.00E+00	6.91E-03	3.11E-08	9.17E-10	4.53E-02	7.51E-04	2.84E-02	5.81E-03	5.31E-04	1.26E-01	2.74E+00	0.00E+00	3.66E-09	4.82E-09	5.53E-04	1.46E-05	3.68E-01	0.00E+00	2.74E+00	6.85E-09	2.74E+00	3.11E+00	3.68E-01	0.00E+00	0.00E+00	0.00E+00	2.28E-02
VF118PY	7.62E-04	3.38E-01	6.17E-02	2.76E-01	0.00E+00	0.00E+00	3.84E+00	3.70E-06	3.54E-04	2.22E-03	0.00E+00	6.50E-03	2.93E-08	8.61E-10	4.13E-02	7.08E-04	2.50E-02	3.49E-03	4.82E-04	1.14E-01	2.56E+00	0.00E+00	3.43E-09	4.48E-09	5.17E-04	1.34E-05	3.42E-01	0.00E+00	2.56E+00	6.33E-09	2.56E+00	2.90E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	2.07E-02
VF118TA	7.63E-04	3.38E-01	6.16E-02	2.77E-01	0.00E+00	0.00E+00	3.83E+00	3.70E-06	3.54E-04	2.21E-03	0.00E+00	6.49E-03	2.92E-08	8.60E-10	4.13E-02	7.07E-04	2.48E-02	3.17E-03	4.83E-04	1.14E-01	2.55E+00	0.00E+00	3.43E-09	4.48E-09	5.17E-04	1.34E-05	3.42E-01	0.00E+00	2.55E+00	6.33E-09	2.55E+00	2.90E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	2.07E-02
VF118TD	6.75E-04	2.98E-01	5.44E-02	2.43E-01	0.00E+00	0.00E+00	3.39E+00	3.26E-06	3.13E-04	1.95E-03	0.00E+00	5.73E-03	2.59E-08	7.60E-10	3.63E-02	6.25E-04	2.20E-02	2.88E-03	4.24E-04	1.00E-01	2.25E+00	0.00E+00	3.03E-09	3.95E-09	4.56E-04	1.18E-05	3.01E-01	0.00E+00	2.25E+00	5.57E-09	2.25E+00	2.55E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.82E-02
VF118TES	7.62E-04	3.38E-01	6.24E-02	2.75E-01	0.00E+00	0.00E+00	3.88E+00	3.72E-06	3.58E-04	2.23E-03	0.00E+00	6.56E-03	2.96E-08	8.69E-10	4.11E-02	7.17E-04	2.46E-02	3.19E-03	4.80E-04	1.13E-01	2.57E+00	0.00E+00	3.46E-09	4.51E-09	5.21E-04	1.34E-05	3.44E-01	0.00E+00	2.57E+00	6.34E-09	2.57E+00	2.91E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	2.06E-02
VF118TF	7.64E-04	3.38E-01	6.17E-02	2.76E-01	0.00E+00	0.00E+00	3.84E+00	3.70E-06	3.54E-04	2.22E-03	0.00E+00	6.50E-03	2.93E-08	8.61E-10	4.13E-02	7.09E-04	2.46E-02	2.98E-03	4.82E-04	1.14E-01	2.56E+00	0.00E+00	3.43E-09	4.48E-09	5.17E-04	1.34E-05	3.42E-01	0.00E+00	2.56E+00	6.33E-09	2.56E+00	2.90E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	2.07E-02
VF118TJ	5.22E-04	2.27E-01	4.23E-02	1.85E-01	0.00E+00	0.00E+00	2.63E+00	2.51E-06	2.42E-04	1.51E-03	0.00E+00	4.44E-03	2.01E-08	5.88E-10	2.75E-02	4.85E-04	1.68E-02	2.24E-03	3.21E-04	7.59E-02	1.74E+00	0.00E+00	2.34E-09	3.04E-09	3.52E-04	9.04E-06	2.32E-01	0.00E+00	1.74E+00	4.27E-09	1.74E+00	1.97E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	1.38E-02
VF118TJ1	4.99E-04	2.16E-01	4.04E-02	1.76E-01	0.00E+00	0.00E+00	2.51E+00	2.39E-06	2.31E-04	1.44E-03	0.00E+00	4.24E-03	1.92E-08	5.61E-10	2.62E-02	4.64E-04	1.60E-02	2.22E-03	3.05E-04	7.21E-02	1.65E+00	0.00E+00	2.23E-09	2.90E-09	3.36E-04	8.61E-06	2.21E-01	0.00E+00	1.65E+00	4.07E-09	1.65E+00	1.88E+00	2.21E-01	0.00E+00	0.00E+00	0.00E+00	1.31E-02
VF118TM	5.54E-04	2.43E-01	4.45E-02	1.99E-01	0.00E+00	0.00E+00	2.77E+00	2.67E-06	2.55E-04	1.60E-03	0.00E+00	4.69E-03	2.11E-08	6.21E-10	2.97E-02	5.11E-04	1.82E-02	2.32E-03	3.47E-04	8.21E-02	1.84E+00	0.00E+00	2.47E-09	3.23E-09	3.73E-04	9.67E-06	2.46E-01	0.00E+00	1.84E+00	4.56E-09	1.84E+00	2.09E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VF118TP	7.63E-04	3.38E-01	6.21E-02	2.76E-01	0.00E+00	0.00E+00	3.87E+00	3.71E-06	3.56E-04	2.23E-03	0.00E+00	6.54E-03	2.95E-08	8.66E-10	4.11E-02	7.14E-04	2.46E-02	3.30E-03	4.81E-04	1.14E-01	2.57E+00	0.00E+00	3.45E-09	4.50E-09	5.20E-04	1.34E-05	3.43E-01	0.00E+00	2.57E+00	6.34E-09	2.57E+00	2.91E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	2.06E-02
VF118TR	6.85E-04	3.03E-01	5.58E-02	2.47E-01	0.00E+00	0.00E+00	3.47E+00	3.33E-06	3.20E-04	2.00E-03	0.00E+00	5.87E-03	2.65E-08	7.77E-10	3.68E-02	6.41E-04	2.20E-02	2.47E-03	4.30E-04	1.02E-01	2.30E+00	0.00E+00	3.10E-09	4.03E-09	4.66E-04	1.20E-05	3.08E-01	0.00E+00	2.30E+00	5.68E-09	2.30E+00	2.61E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	1.85E-02
VF118TS	2.81E-05	2.23E-05	3.45E-03	3.42E-03	0.00E+00	0.00E+00	1.99E-01	1.01E-07	1.66E-05	8.09E-05	0.00E+00	3.23E-04	1.64E-09	3.93E-11	7.67E-04	3.96E-05	7.66E-04	9.56E-04	1.07E-05	3.04E-03	7.83E-02	0.00E+00	1.47E-10	1.21E-10	1.98E-05	1.09E-07	8.88E-03	0.00E+00	7.83E-02	8.63E-11	7.83E-02	8.72E-02	8.88E-03	0.00E+00	0.00E+00	0.00E+00	4.59E-04
VF122PD	8.76E-04	4.00E-01	7.14E-02	3.29E-01	0.00E+00	0.00E+00	4.45E+00	4.33E-06	4.12E-04	2.59E-03	0.00E+00	7.54E-03	3.39E-08	1.00E-09	4.92E-02	8.20E-04	3.06E-02	5.91E-03	5.76E-04	1.37E-01	2.99E+00	0.00E+00	3.99E-09	5.25E-09	6.03E-04	1.58E-05	4.01E-01	0.00E+00	2.99E+00	7.46E-09	2.99E+00	3.39E+00	4.01E-01	0.00E+00	0.00E+00	0.00E+00	2.47E-02
VF122PF	7.95E-04	3.52E-01	6.43E-02	2.87E-01	0.00E+00	0.00E+00	4.00E+00	3.85E-06	3.69E-04	2.31E-03	0.00E+00	6.77E-03	3.05E-08	8.97E-10	4.29E-02	7.39E-04	2.59E-02	3.34E-03	5.01E-04	1.19E-01	2.66E+00	0.00E+00	3.57E-09	4.67E-09	5.39E-04	1.40E-05	3.56E-01	0.00E+00	2.66E+00	6.59E-09	2.66E+00	3.02E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	2.15E-02
VF122PJ	3.18E-05	2.20E-04	2.97E-03	2.75E-03	0.00E+00	0.00E+00	1.72E-01	8.84E-08	1.43E-05	7.01E-05	0.00E+00	2.79E-04	1.41E-09	3.39E-11	6.28E-04	3.41E-05	1.08E-03	1.12E-03	8.81E-06	2.52E-03	6.82E-02	0.00E+00	1.27E-10	1.05E-10	1.71E-05	1.01E-07	7.76E-03	0.00E+00	6.82E-02	7.72E-11	6.82E-02	7.59E-02	7.76E-03	0.00E+00	0.00E+00	0.00E+00	3.78E-04
VF122PM	7.92E-04	3.52E-01	6.37E-02	2.88E-01	0.00E+00	0.00E+00	3.97E+00	3.84E-06	3.66E-04	2.29E-03	0.00E+00	6.72E-03	3.03E-08	8.90E-10	4.31E-02	7.32E-04	2.61E-02	3.37E-03	5.03E-04	1.19E-01	2.65E+00	0.00E+00	3.55E-09	4.65E-09	5.35E-04	1.40E-05	3.55E-01	0.00E+00	2.65E+00	6.58E-09	2.65E+00	3.00E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.16E-02
VF122PP	9.36E-04	4.27E-01	7.64E-02	3.51E-01	0.00E+00	0.00E+00	4.76E+00	4.63E-06	4.40E-04	2.76E-03	0.00E+00	8.07E-03	3.63E-08	1.07E-09	5.25E-02	8.78E-04	3.24E-02	5.91E-03	6.14E-04	1.46E-01	3.20E+00	0.00E+00	4.27E-09	5.61E-09	6.45E-04	1.69E-05	4.28E-01	0.00E+00	3.20E+00	7.96E-09	3.20E+00	3.62E+00	4.28E-01	0.00E+00	0.00E+00	0.00E+00	2.64E-02
VF122PS	6.10E-04	2.70E-01	5.00E-02	2.20E-01	0.00E+00	0.00E+00	3.11E+00	2.98E-06	2.87E-04	1.79E-03	0.00E+00	5.26E-03	2.38E-08	6.96E-10	3.28E-02	5.75E-04	2.05E-02	3.03E-03	3.83E-04	9.06E-02	2.06E+00	0.00E+00	2.77E-09	3.61E-09	4.18E-04	1.08E-05	2.75E-01	0.00E+00	2.06E+00	5.08E-09	2.06E+00	2.33E+00	2.75E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
VF122TA	7.97E-04	3.52E-01	6.41E-02	2.88E-01	0.00E+00	0.00E+00	3.99E+00	3.85E-06	3.68E-04	2.30E-03	0.00E+00	6.75E-03	3.04E-08	8.95E-10	4.29E-02	7.36E-04	2.58E-02	3.26E-03	5.02E-04	1.19E-01	2.66E+00	0.00E+00	3.57E-09	4.66E-09	5.38E-04	1.40E-05	3.56E-01	0.00E+00	2.66E+00	6.58E-09	2.66E+00	3.01E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	2.15E-02
VF122TD	7.67E-04	3.38E-01	6.17E-02	2.76E-01	0.00E+00	0.00E+00	3.84E+00	3.70E-06	3.55E-04	2.22E-03	0.00E+00	6.50E-03	2.93E-08	8.62E-10	4.13E-02	7.09E-04	2.49E-02	3.14E-03	4.82E-04	1.14E-01	2.56E+00	0.00E+00	3.43E-09	4.48E-09	5.18E-04	1.34E-05	3.42E-01	0.00E+00	2.56E+00	6.33E-09	2.56E+00	2.90E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	2.07E-02
VF122TF	7.97E-04	3.52E-01	6.42E-02	2.87E-01	0.00E+00	0.00E+00	4.00E+00	3.85E-06	3.69E-04	2.31E-03	0.00E+00	6.76E-03	3.05E-08	8.96E-10	4.29E-02	7.38E-04	2.57E-02	3.05E-03	5.01E-04	1.19E-01	2.66E+00	0.00E+00	3.57E-09	4.66E-09	5.38E-04	1.40E-05	3.56E-01	0.00E+00	2.66E+00	6.59E-09	2.66E+00	3.02E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	2.15E-02
VF122TJ	3.85E-04	1.62E-01	3.11E-02	1.31E-01	0.00E+00	0.00E+00	1.93E+00	1.82E-06	1.77E-04	1.10E-03	0.00E+00	3.26E-03	1.48E-08	4.30E-10	1.94E-02	3.57E-04	1.22E-02	1.87E-03	2.26E-04	5.32E-02	1.26E+00	0.00E+00	1.71E-09	2.20E-09	2.56E-04	6.47E-06	1.68E-01	0.00E+00	1.26E+00	3.07E-09	1.26E+00	1.43E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	9.69E-03
VF122TM	7.94E-04	3.52E-01	6.36E-02	2.88E-01	0.00E+00	0.00E+00	3.96E+00	3.83E-06	3.66E-04	2.29E-03	0.00E+00	6.71E-03	3.02E-08	8.90E-10	4.31E-02	7.31E-04	2.58E-02	3.07E-03	5.04E-04	1.19E-01	2.65E+00	0.00E+00	3.55E-09	4.65E-09	5.35E-04	1.40E-05	3.54E-01	0.00E+00	2.65E+00	6.57E-09	2.65E+00	3.00E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	2.16E-02
VF122TP	7.96E-04	3.51E-01	6.47E-02	2.87E-01	0.00E+00	0.00E+00	4.02E+00	3.86E-06	3.71E-04	2.32E-03	0.00E+00	6.81E-03	3.07E-08	9.02E-10	4.28E-02	7.43E-04	2.56E-02	3.38E-03	5.00E-04	1.18E-01	2.67E+00	0.00E+00	3.59E-09	4.68E-09	5.41E-04	1.40E-05	3.57E-01	0.00E+00	2.67E+00	6.59E-09	2.67E+00	3.03E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	2.14E-02
VF122TS	6.12E-04	2.70E-01	4.99E-02	2.20E-01	0.00E+00	0.00E+00	3.11E+00	2.98E-06	2.86E-04	1.79E-03	0.00E+00	5.25E-03	2.37E-08	6.96E-10	3.29E-02	5.74E-04	2.02E-02	2.74E-03	3.84E-04	9.07E-02	2.06E+00	0.00E+00	2.77E-09	3.61E-09	4.17E-04	1.07E-05	2.75E-01	0.00E+00	2.06E+00	5.08E-09	2.06E+00	2.33E+00	2.75E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
VF212PA	7.14E-04	3.25E-01	5.79E-02	2.67E-01	0.00E+00	0.00E+00	3.61E+00	3.52E-06	3.34E-04	2.10E-03	0.00E+00	6.12E-03	2.75E-08	8.12E-10	4.00E-02	6.65E-04	2.45E-02	4.00E-03	4.68E-04	1.11E-01	2.43E+00	0.00E+00	3.24E-09	4.26E-09	4.89E-04	1.29E-05	3.25E-01	0.00E+00	2.43E+00	6.05E-09	2.43E+00	2.75E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VF212PD	5.89E-04	2.69E-01	4.81E-02	2.21E-01	0.00E+00	0.00E+00	3.00E+00	2.92E-06	2.77E-04	1.74E-03	0.00E+00	5.08E-03	2.29E-08	6.74E-10	3.31E-02	5.53E-04	2.04E-02	3.75E-03	3.87E-04	9.17E-02	2.01E+00	0.00E+00	2.69E-09	3.53E-09	4.06E-04	1.07E-05	2.70E-01	0.00E+00	2.01E+00	5.01E-09	2.01E+00	2.28E+00	2.70E-01	0.00E+00	0.00E+00	0.00E+00	1.66E-02
VF212PE	5.78E-04	2.62E-01	4.75E-02	2.14E-01	0.00E+00	0.00E+00	2.96E+00	2.86E-06	2.73E-04	1.71E-03	0.00E+00	5.01E-03	2.26E-08	6.64E-10	3.20E-02	5.46E-04	1.92E-02	2.61E-03	3.74E-04	8.86E-02	1.97E+00	0.00E+00	2.65E-09	3.46E-09	3.99E-04	1.04E-05	2.64E-01	0.00E+00	1.97E+00	4.89E-09	1.97E+00	2.24E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.61E-02
VF212PEB	5.78E-04	2.62E-01	4.75E-02	2.14E-01	0.00E+00	0.00E+00	2.96E+00	2.86E-06	2.73E-04	1.71E-03	0.00E+00	5.01E-03	2.26E-08	6.64E-10	3.20E-02	5.46E-04	1.92E-02	2.61E-03	3.74E-04	8.86E-02	1.97E+00	0.00E+00	2.65E-09	3.46E-09	3.99E-04	1.04E-05	2.64E-01	0.00E+00	1.97E+00	4.89E-09	1.97E+00	2.24E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.61E-02
VF212PEH	5.85E-04	2.67E-01	4.78E-02	2.19E-01	0.00E+00	0.00E+00	2.98E+00	2.90E-06	2.75E-04	1.73E-03	0.00E+00	5.04E-03	2.27E-08	6.69E-10	3.28E-02	5.49E-04	2.03E-02	3.75E-03	3.84E-04	9.11E-02	2.00E+00	0.00E+00	2.67E-09	3.51E-09	4.03E-04	1.06E-05	2.68E-01	0.00E+00	2.00E+00	4.98E-09	2.00E+00	2.27E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
VF212PF	1.08E-05	7.74E-04	1.64E-03	8.64E-04	0.00E+00	0.00E+00	9.53E-02	5.24E-08	8.01E-06	4.02E-05	0.00E+00	1.55E-04	7.78E-10	1.90E-11	2.40E-04	1.88E-05	1.34E-03	1.49E-03	3.56E-06	1.06E-03	3.98E-02	0.00E+00	7.17E-11	6.27E-11	9.77E-06	7.79E-08	4.63E-03	0.00E+00	3.98E-02	5.18E-11	3.98E-02	4.45E-02	4.63E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-04
VF212PJ	3.92E-04	1.76E-01	3.21E-02	1.44E-01	0.00E+00	0.00E+00	2.00E+00	1.92E-06	1.84E-04	1.15E-03	0.00E+00	3.38E-03	1.52E-08	4.48E-10	2.15E-02	3.69E-04	1.36E-02	2.75E-03	2.51E-04	5.94E-02	1.33E+00	0.00E+00	1.78E-09	2.33E-09	2.69E-04	6.98E-06	1.78E-01	0.00E+00	1.33E+00	3.29E-09	1.33E+00	1.51E+00	1.78E-01	0.00E+00	0.00E+00	0.00E+00	1.08E-02
VF212PM	4.26E-04	1.94E-01	3.46E-02	1.59E-01	0.00E+00	0.00E+00	2.15E+00	2.10E-06	1.99E-04	1.25E-03	0.00E+00	3.65E-03	1.64E-08	4.85E-10	2.38E-02	3.97E-04	1.51E-02	2.80E-03	2.79E-04	6.61E-02	1.45E+00	0.00E+00	1.93E-09	2.54E-09	2.92E-04	7.67E-06	1.94E-01	0.00E+00	1.45E+00	3.61E-09	1.45E+00	1.64E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	1.20E-02
VF212PP	6.50E-04	2.96E-01	5.32E-02	2.43E-01	0.00E+00	0.00E+00	3.31E+00	3.21E-06	3.06E-04	1.92E-03	0.00E+00	5.61E-03	2.53E-08	7.44E-10	3.63E-02	6.11E-04	2.22E-02	3.75E-03	4.24E-04	1.01E-01	2.22E+00	0.00E+00	2.97E-09	3.89E-09	4.48E-04	1.17E-05	2.97E-01	0.00E+00	2.22E+00	5.52E-09	2.22E+00	2.52E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	1.82E-02

VF212PR	4.78E-04	2.20E-01	3.88E-02	1.81E-01	0.00E+00	0.00E+00	2.42E+00	2.37E-06	2.24E-04	1.41E-03	0.00E+00	4.10E-03	1.84E-08	5.45E-10	2.71E-02	4.45E-04	1.68E-02	2.69E-03	3.17E-04	7.53E-02	1.63E+00	0.00E+00	2.17E-09	2.87E-09	3.29E-04	8.68E-06	2.19E-01	0.00E+00	1.63E+00	4.08E-09	1.63E+00	1.85E+00	2.19E-01	0.00E+00	0.00E+00	0.00E+00	1.36E-02
VF212PS	6.53E-04	2.97E-01	5.34E-02	2.44E-01	0.00E+00	0.00E+00	3.33E+00	3.23E-06	3.08E-04	1.93E-03	0.00E+00	5.64E-03	2.54E-08	7.48E-10	3.65E-02	6.14E-04	2.23E-02	3.75E-03	4.26E-04	1.01E-01	2.23E+00	0.00E+00	2.98E-09	3.91E-09	4.50E-04	1.18E-05	2.99E-01	0.00E+00	2.23E+00	5.55E-09	2.23E+00	2.53E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00	1.83E-02
VF212PT	6.04E-04	2.78E-01	4.90E-02	2.29E-01	0.00E+00	0.00E+00	3.06E+00	2.99E-06	2.83E-04	1.78E-03	0.00E+00	5.19E-03	2.33E-08	6.89E-10	3.43E-02	5.63E-04	2.19E-02	4.98E-03	4.02E-04	9.55E-02	2.06E+00	0.00E+00	2.75E-09	3.63E-09	4.16E-04	1.10E-05	2.77E-01	0.00E+00	2.06E+00	5.17E-09	2.06E+00	2.34E+00	2.77E-01	0.00E+00	0.00E+00	0.00E+00	1.73E-02
VF212PY	7.15E-04	3.25E-01	5.80E-02	2.67E-01	0.00E+00	0.00E+00	3.61E+00	3.52E-06	3.34E-04	2.10E-03	0.00E+00	6.12E-03	2.75E-08	8.13E-10	4.00E-02	6.66E-04	2.44E-02	4.06E-03	4.68E-04	1.11E-01	2.43E+00	0.00E+00	3.24E-09	4.26E-09	4.90E-04	1.29E-05	3.25E-01	0.00E+00	2.43E+00	6.05E-09	2.43E+00	2.75E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VF212PZB	9.74E-04	4.36E-01	8.07E-02	3.55E-01	0.00E+00	0.00E+00	5.02E+00	4.81E-06	4.62E-04	2.88E-03	0.00E+00	8.49E-03	3.83E-08	1.12E-09	5.30E-02	9.27E-04	3.05E-02	2.14E-03	6.19E-04	1.46E-01	3.32E+00	0.00E+00	4.47E-09	5.82E-09	6.74E-04	1.74E-05	4.44E-01	0.00E+00	3.32E+00	8.19E-09	3.32E+00	3.77E+00	4.44E-01	0.00E+00	0.00E+00	0.00E+00	2.66E-02
VF212PZC	7.26E-04	3.25E-01	5.80E-02	2.67E-01	0.00E+00	0.00E+00	3.62E+00	3.52E-06	3.35E-04	2.10E-03	0.00E+00	6.13E-03	2.76E-08	8.14E-10	4.00E-02	6.67E-04	2.47E-02	3.77E-03	4.68E-04	1.11E-01	2.43E+00	0.00E+00	3.25E-09	4.27E-09	4.90E-04	1.29E-05	3.26E-01	0.00E+00	2.43E+00	6.06E-09	2.43E+00	2.75E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VF212PZG	7.21E-04	3.25E-01	5.86E-02	2.66E-01	0.00E+00	0.00E+00	3.65E+00	3.54E-06	3.37E-04	2.11E-03	0.00E+00	6.18E-03	2.78E-08	8.20E-10	3.98E-02	6.73E-04	2.37E-02	3.89E-03	4.65E-04	1.10E-01	2.44E+00	0.00E+00	3.27E-09	4.28E-09	4.93E-04	1.29E-05	3.27E-01	0.00E+00	2.44E+00	6.07E-09	2.44E+00	2.77E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VF212TA	5.71E-04	2.59E-01	4.62E-02	2.13E-01	0.00E+00	0.00E+00	2.88E+00	2.80E-06	2.66E-04	1.67E-03	0.00E+00	4.88E-03	2.20E-08	6.48E-10	3.18E-02	5.31E-04	1.96E-02	3.27E-03	3.72E-04	8.82E-02	1.93E+00	0.00E+00	2.58E-09	3.40E-09	3.90E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.82E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.60E-02
VF212TD	6.57E-04	2.98E-01	5.31E-02	2.45E-01	0.00E+00	0.00E+00	3.31E+00	3.22E-06	3.06E-04	1.92E-03	0.00E+00	5.61E-03	2.52E-08	7.45E-10	3.67E-02	6.10E-04	2.23E-02	3.53E-03	4.29E-04	1.02E-01	2.22E+00	0.00E+00	2.97E-09	3.91E-09	4.49E-04	1.18E-05	2.98E-01	0.00E+00	2.22E+00	5.55E-09	2.22E+00	2.52E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	1.84E-02
VF212TE	7.15E-04	3.25E-01	5.77E-02	2.68E-01	0.00E+00	0.00E+00	3.60E+00	3.51E-06	3.33E-04	2.09E-03	0.00E+00	6.10E-03	2.74E-08	8.10E-10	4.01E-02	6.63E-04	2.42E-02	3.69E-03	4.69E-04	1.11E-01	2.42E+00	0.00E+00	3.23E-09	4.26E-09	4.88E-04	1.29E-05	3.25E-01	0.00E+00	2.42E+00	6.05E-09	2.42E+00	2.75E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VF212TF	7.18E-04	3.25E-01	5.81E-02	2.67E-01	0.00E+00	0.00E+00	3.62E+00	3.52E-06	3.35E-04	2.10E-03	0.00E+00	6.13E-03	2.76E-08	8.14E-10	4.00E-02	6.67E-04	2.39E-02	3.42E-03	4.68E-04	1.11E-01	2.43E+00	0.00E+00	3.25E-09	4.27E-09	4.90E-04	1.29E-05	3.26E-01	0.00E+00	2.43E+00	6.06E-09	2.43E+00	2.76E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VF212TJ	3.64E-04	1.62E-01	2.96E-02	1.33E-01	0.00E+00	0.00E+00	1.84E+00	1.78E-06	1.70E-04	1.06E-03	0.00E+00	3.12E-03	1.41E-08	4.14E-10	1.98E-02	3.41E-04	1.24E-02	2.40E-03	2.31E-04	5.48E-02	1.23E+00	0.00E+00	1.65E-09	2.15E-09	2.49E-04	6.44E-06	1.64E-01	0.00E+00	1.23E+00	3.04E-09	1.23E+00	1.39E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	9.94E-03
VF212TM	7.14E-04	3.25E-01	5.75E-02	2.68E-01	0.00E+00	0.00E+00	3.59E+00	3.50E-06	3.32E-04	2.09E-03	0.00E+00	6.08E-03	2.73E-08	8.07E-10	4.01E-02	6.60E-04	2.40E-02	3.44E-03	4.70E-04	1.12E-01	2.42E+00	0.00E+00	3.22E-09	4.25E-09	4.87E-04	1.29E-05	3.24E-01	0.00E+00	2.42E+00	6.04E-09	2.42E+00	2.74E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
VF212TP	6.50E-04	2.96E-01	5.32E-02	2.43E-01	0.00E+00	0.00E+00	3.31E+00	3.21E-06	3.06E-04	1.92E-03	0.00E+00	5.61E-03	2.53E-08	7.44E-10	3.63E-02	6.11E-04	2.22E-02	3.75E-03	4.24E-04	1.01E-01	2.22E+00	0.00E+00	2.97E-09	3.89E-09	4.48E-04	1.17E-05	2.97E-01	0.00E+00	2.22E+00	5.52E-09	2.22E+00	2.52E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	1.82E-02
VF212TR	5.10E-04	2.35E-01	4.14E-02	1.93E-01	0.00E+00	0.00E+00	2.58E+00	2.53E-06	2.39E-04	1.50E-03	0.00E+00	4.38E-03	1.97E-08	5.81E-10	2.89E-02	4.75E-04	1.78E-02	2.78E-03	3.39E-04	8.04E-02	1.74E+00	0.00E+00	2.32E-09	3.06E-09	3.51E-04	9.27E-06	2.34E-01	0.00E+00	1.74E+00	4.36E-09	1.74E+00	1.97E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	1.46E-02
VF212TS	4.43E-04	2.03E-01	3.64E-02	1.67E-01	0.00E+00	0.00E+00	2.27E+00	2.20E-06	2.10E-04	1.31E-03	0.00E+00	3.84E-03	1.73E-08	5.10E-10	2.50E-02	4.18E-04	1.58E-02	2.98E-03	2.92E-04	6.92E-02	1.52E+00	0.00E+00	2.03E-09	2.67E-09	3.07E-04	8.04E-06	2.04E-01	0.00E+00	1.52E+00	3.79E-09	1.52E+00	1.72E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	1.25E-02
VF212TY	7.16E-04	3.25E-01	5.79E-02	2.67E-01	0.00E+00	0.00E+00	3.61E+00	3.52E-06	3.34E-04	2.10E-03	0.00E+00	6.12E-03	2.75E-08	8.12E-10	4.00E-02	6.65E-04	2.41E-02	3.80E-03	4.68E-04	1.11E-01	2.43E+00	0.00E+00	3.24E-09	4.26E-09	4.89E-04	1.29E-05	3.25E-01	0.00E+00	2.43E+00	6.05E-09	2.43E+00	2.75E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VF218PA	9.69E-04	4.33E-01	7.89E-02	3.54E-01	0.00E+00	0.00E+00	4.91E+00	4.73E-06	4.53E-04	2.83E-03	0.00E+00	8.31E-03	3.75E-08	1.10E-09	5.29E-02	9.06E-04	3.19E-02	4.24E-03	6.18E-04	1.46E-01	3.27E+00	0.00E+00	4.39E-09	5.74E-09	6.62E-04	1.72E-05	4.38E-01	0.00E+00	3.27E+00	8.10E-09	3.27E+00	3.71E+00	4.38E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
VF218PD	1.00E-03	4.54E-01	8.20E-02	3.72E-01	0.00E+00	0.00E+00	5.11E+00	4.94E-06	4.72E-04	2.95E-03	0.00E+00	8.65E-03	3.89E-08	1.15E-09	5.56E-02	9.42E-04	3.37E-02	5.16E-03	6.50E-04	1.54E-01	3.41E+00	0.00E+00	4.57E-09	5.99E-09	6.90E-04	1.80E-05	4.57E-01	0.00E+00	3.41E+00	8.48E-09	3.41E+00	3.87E+00	4.57E-01	0.00E+00	0.00E+00	0.00E+00	2.79E-02
VF218PEH	9.65E-04	4.33E-01	7.92E-02	3.54E-01	0.00E+00	0.00E+00	4.93E+00	4.74E-06	4.55E-04	2.84E-03	0.00E+00	8.34E-03	3.76E-08	1.10E-09	5.28E-02	9.09E-04	3.22E-02	4.46E-03	6.17E-04	1.46E-01	3.28E+00	0.00E+00	4.40E-09	5.75E-09	6.63E-04	1.72E-05	4.38E-01	0.00E+00	3.28E+00	8.11E-09	3.28E+00	3.71E+00	4.38E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
VF218PES	1.05E-03	4.78E-01	8.66E-02	3.92E-01	0.00E+00	0.00E+00	5.39E+00	5.21E-06	4.98E-04	3.12E-03	0.00E+00	9.13E-03	4.11E-08	1.21E-09	5.85E-02	9.95E-04	3.53E-02	5.16E-03	6.84E-04	1.62E-01	3.60E+00	0.00E+00	4.83E-09	6.32E-09	7.28E-04	1.90E-05	4.82E-01	0.00E+00	3.60E+00	8.94E-09	3.60E+00	4.08E+00	4.82E-01	0.00E+00	0.00E+00	0.00E+00	2.94E-02
VF218PF	6.22E-04	2.73E-01	5.13E-02	2.21E-01	0.00E+00	0.00E+00	3.18E+00	3.03E-06	2.93E-04	1.82E-03	0.00E+00	5.38E-03	2.44E-08	7.12E-10	3.29E-02	5.89E-04	2.04E-02	2.74E-03	3.84E-04	9.07E-02	2.10E+00	0.00E+00	2.83E-09	3.67E-09	4.26E-04	1.09E-05	2.80E-01	0.00E+00	2.10E+00	5.14E-09	2.10E+00	2.38E+00	2.80E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
VF218PJ	9.71E-04	4.33E-01	7.91E-02	3.54E-01	0.00E+00	0.00E+00	4.92E+00	4.74E-06	4.54E-04	2.84E-03	0.00E+00	8.34E-03	3.76E-08	1.10E-09	5.28E-02	9.09E-04	3.16E-02	3.91E-03	6.17E-04	1.46E-01	3.28E+00	0.00E+00	4.40E-09	5.74E-09	6.63E-04	1.72E-05	4.38E-01	0.00E+00	3.28E+00	8.11E-09	3.28E+00	3.71E+00	4.38E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
VF218PJ1	6.40E-04	2.81E-01	5.26E-02	2.28E-01	0.00E+00	0.00E+00	3.27E+00	3.11E-06	3.01E-04	1.87E-03	0.00E+00	5.53E-03	2.50E-08	7.31E-10	3.40E-02	6.04E-04	2.09E-02	2.98E-03	3.96E-04	9.36E-02	2.15E+00	0.00E+00	2.91E-09	3.77E-09	4.38E-04	1.12E-05	2.88E-01	0.00E+00	2.15E+00	5.29E-09	2.15E+00	2.44E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.70E-02
VF218PM	5.54E-04	2.43E-01	4.54E-02	1.98E-01	0.00E+00	0.00E+00	2.82E+00	2.69E-06	2.60E-04	1.62E-03	0.00E+00	4.77E-03	2.16E-08	6.31E-10	2.94E-02	5.21E-04	1.84E-02	2.65E-03	3.43E-04	8.12E-02	1.86E+00	0.00E+00	2.51E-09	3.26E-09	3.78E-04	9.68E-06	2.48E-01	0.00E+00	1.86E+00	4.58E-09	1.86E+00	2.11E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	1.47E-02
VF218PP	1.06E-03	4.82E-01	8.72E-02	3.95E-01	0.00E+00	0.00E+00	5.43E+00	5.25E-06	5.02E-04	3.14E-03	0.00E+00	9.20E-03	4.14E-08	1.22E-09	5.90E-02	1.00E-03	3.56E-02	5.16E-03	6.89E-04	1.63E-01	3.63E+00	0.00E+00	4.86E-09	6.37E-09	7.33E-04	1.91E-05	4.86E-01	0.00E+00	3.63E+00	9.01E-09	3.63E+00	4.11E+00	4.86E-01	0.00E+00	0.00E+00	0.00E+00	2.96E-02
VF218PR	9.76E-04	4.35E-01	7.96E-02	3.56E-01	0.00E+00	0.00E+00	4.95E+00	4.77E-06	4.57E-04	2.86E-03	0.00E+00	8.39E-03	3.78E-08	1.11E-09	5.31E-02	9.15E-04	3.12E-02	3.40E-03	6.21E-04	1.47E-01	3.30E+00	0.00E+00	4.43E-09	5.78E-09	6.67E-04	1.73E-05	4.41E-01	0.00E+00	3.30E+00	8.16E-09	3.30E+00	3.74E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	2.66E-02
VF218PS	9.68E-04	4.33E-01	7.96E-02	3.53E-01	0.00E+00	0.00E+00	4.95E+00	4.75E-06	4.56E-04	2.85E-03	0.00E+00	8.37E-03	3.78E-08	1.11E-09	5.27E-02	9.14E-04	3.17E-02	4.31E-03	6.15E-04	1.46E-01	3.28E+00	0.00E+00	4.42E-09	5.76E-09	6.66E-04	1.72E-05	4.39E-01	0.00E+00	3.28E+00	8.12E-09	3.28E+00	3.72E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	2.64E-02
VF218PT	1.01E-03	4.63E-01	8.29E-02	3.80E-01	0.00E+00	0.00E+00	5.16E+00	5.02E-06	4.78E-04	3.00E-03	0.00E+00	8.75E-03	3.94E-08	1.16E-09	5.69E-02	9.52E-04	3.51E-02	6.39E-03	6.65E-04	1.58E-01	3.46E+00	0.00E+00	4.63E-09	6.08E-09	6.99E-04	1.83E-05	4.64E-01	0.00E+00	3.46E+00	8.63E-09	3.46E+00	3.93E+00	4.64E-01	0.00E+00	0.00E+00	0.00E+00	2.86E-02
VF218PY	9.69E-04	4.33E-01	7.90E-02	3.54E-01	0.00E+00	0.00E+00	4.92E+00	4.74E-06	4.54E-04	2.84E-03	0.00E+00	8.32E-03	3.75E-08	1.10E-09	5.28E-02	9.07E-04	3.18E-02	4.34E-03	6.17E-04	1.46E-01	3.27E+00	0.00E+00	4.39E-09	5.74E-09	6.62E-04	1.72E-05	4.38E-01	0.00E+00	3.27E+00	8.10E-09	3.27E+00	3.71E+00	4.38E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
VF218PZB	7.96E-04	3.40E-01	6.63E-02	2.74E-01	0.00E+00	0.00E+00	4.11E+00	3.85E-06	3.77E-04	2.33E-03	0.00E+00	6.94E-03	3.15E-08	9.15E-10	4.05E-02	7.62E-04	2.43E-02	3.45E-04	4.71E-04	1.11E-01	2.67E+00	0.00E+00	3.63E-09	4.66E-09	5.45E-04	1.36E-05	3.55E-01	0.00E+00	2.67E+00	6.47E-09	2.67E+00	3.02E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
VF218PZG	9.82E-04	4.33E-01	7.97E-02	3.53E-01	0.00E+00	0.00E+00	4.96E+00	4.76E-06	4.57E-04	2.85E-03	0.00E+00	8.39E-03	3.78E-08	1.11E-09	5.26E-02	9.15E-04	3.09E-02	3.73E-03	6.15E-04	1.45E-01	3.29E+00	0.00E+00	4.42E-09	5.76E-09	6.66E-04	1.72E-05	4.39E-01	0.00E+00	3.29E+00	8.12E-09	3.29E+00	3.73E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	2.64E-02
VF218TA	9.71E-04	4.33E-01	7.88E-02	3.54E-01	0.00E+00	0.00E+00	4.90E+00	4.73E-06	4.53E-04	2.83E-03	0.00E+00	8.30E-03	3.74E-08	1.10E-09	5.29E-02	9.05E-04	3.16E-02	3.90E-03	6.18E-04	1.46E-01	3.27E+00	0.00E+00	4.39E-09	5.73E-09	6.61E-04	1.72E-05	4.37E-01	0.00E+00	3.27E+00	8.10E-09	3.27E+00	3.71E+00	4.37E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-02
VF218TD	7.35E-04	3.24E-01	5.98E-02	2.65E-01	0.00E+00	0.00E+00	3.72E+00	3.57E-06	3.43E-04	2.14E-03	0.00E+00	6.30E-03	2.84E-08	8.34E-10	3.94E-02	6.87E-04	2.40E-02	3.12E-03	4.61E-04	1.09E-01	2.47E+00	0.00E+00	3.32E-09	4.32E-09	5.00E-04	1.29E-05	3.30E-01	0.00E+00	2.47E+00	6.09E-09	2.47E+00	2.80E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-02
VF218TES	9.70E-04	4.33E-01	7.94E-02	3.53E-01	0.00E+00	0.00E+00	4.94E+00	4.75E-06	4.56E-04	2.85E-03	0.00E+00	8.36E-03	3.77E-08	1.11E-09	5.27E-02	9.12E-04	3.14E-02	3.96E-03	6.16E-04	1.46E-01	3.28E+00	0.00E+00	4.41E-09	5.75E-09	6.65E-04	1.72E-05	4.39E-01	0.00E+00	3.28E+00	8.11E-09	3.28E+00	3.72E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	2.64E-02
VF218TF	6.30E-04	2.75E-01	5.15E-02	2.24E-01	0.00E+00	0.00E+00	3.20E+00	3.05E-06	2.95E-04	1.83E-03	0.00E+00	5.41E-03	2.45E-08	7.16E-10	3.33E-02	5.92E-04	2.03E-02	2.46E-03	3.89E-04	9.19E-02	2.11E+00	0.00E+00	2.85E-09	3.70E-09	4.29E-04	1.10E-05	2.82E-01	0.00E+00	2.11E+00	5.19E-09	2.11E+00	2.39E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	1.67E-02
VF218TJ	3.82E-04	1.61E-01	3.16E-02	1.30E-01	0.00E+00	0.00E+00	1.96E+00	1.83E-06	1.80E-04	1.11E-03	0.00E+00	3.31E-03	1.50E-08	4.36E-10	1.92E-02	3.63E-04	1.23E-02	1.69E-03	2.24E-04	5.26E-02	1.27E+00	0.00E+00	1.73E-09	2.22E-09	2.60E-04	6.48E-06	1.69E-01	0.00E+00	1.27E+00	3.08E-09	1.27E+00	1.44E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	9.60E-03
VF218TJ1	7.37E-04	3.24E-01	6.01E-02	2.64E-01	0.00E+00	0.00E+00	3.74E+00	3.58E-06	3.44E-04	2.15E-03	0.00E+00	6.32E-03	2.85E-08	8.36E-10	3.94E-02	6.90E-04	2.36E-02	2.94E-03	4.60E-04	1.09E-01	2.47E+00	0.00E+00	3.33E-09	4.33E-09	5.01E-04	1.29E-05	3.30E-01	0.00E+00	2.47E+00	6.09E-09	2.47E+00	2.80E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
VF218TM	3.49E-04	1.48E-01	2.87E-02	1.19E-01	0.00E+00	0.00E+00	1.78E+00	1.67E-06	1.63E-04	1.01E-03	0.00E+00	3.00E-03	1.36E-08	3.96E-10	1.77E-02	3.29E-04	1.14E-02	1.65E-03	2.06E-04	4.86E-02	1.16E+00	0.00E+00	1.57E-09	2.02E-09	2.36E-04	5.93E-06	1.54E-01	0.00E+00	1.16E+00	2.81E-09	1.16E+00	1.31E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	8.85E-03
VF218TP	9.71E-04	4.33E-01	7.94E-02	3.53E-01	0.00E+00	0.00E+00	4.94E+00	4.75E-06	4.56E-04	2.85E-03	0.00E+00	8.36E-03	3.77E-08	1.11E-09	5.27E-02	9.12E-04	3.14E-02	4.00E-03	6.16E-04	1.46E-01	3.28E+00	0.00E+00	4.41E-09	5.75E-09	6.65E-04	1.72E-05	4.39E-01	0.00E+00	3.28E+00	8.11E-09	3.28E+00	3.72E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	2.64E-02
VF218TR	7.63E-04	3.38E-01	6.26E-02	2.75E-01	0.00E+00	0.00E+00	3.89E+00	3.72E-06	3.59E-04	2.24E-03	0.00E+00	6.58E-03	2.97E-08	8.71E-10	4.10E-02	7.19E-04	2.43E-02	2.75E-03	4.79E-04	1.13E-01	2.58E+00	0.00E+00	3.47E-09	4.51E-09	5.22E-04	1.34E-05	3.44E-01	0.00E+00	2.58E+00	6.35E-09	2.58E+00	2.92E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	2.06E-02
VF218TS	2.99E-05	1.81E-04	3.94E-03	4.12E-03	0.00E+00	0.00E+00	2.27E-01	1.14E-07	1.89E-05	9.19E-05	0.00E+00	3.68E-04	1.87E-09	4.47E-11	9.09E-04	4.52E-05	7.09E-04	1.30E-03	1.26E-05	3.57E-03	8.87E-02	0.00E+00	1.67E-10	1.37E-10	2.25E-05	1.18E-07	1.00E-02	0.00E+00	8.87E-02	9.56E-11	8.87E-02	9.88E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	5.42E-04
VF312ICT	1.36E-03	6.12E-01	1.12E-01	5.00E-01	0.00E+00	0.00E+00	6.96E+00	6.70E-06	6.42E-04	4.01E-03	0.00E+00	1.18E-02	5.31E-08	1.56E-09	7.47E-02	1.28E-03	4.43E-02	5.16E-03	8.73E-04	2.07E-01	4.63E+00	0.00E+00	6.22E-09	8.12E-09	9.37E-04	2.43E-05	6.19E-01	0.00E+00	4.63E+00	1.15E-08	4.63E+00	5.25E+00	6.19E-01	0.00E+00	0.00E+00	0.00E+00	3.75E-02
VF312PA	8.88E-04	4.07E-01	7.22E-02	3.34E-01	0.00E+00	0.00E+00	4.50E+00	4.39E-06	4.17E-04	2.62E-03	0.00E+00	7.63E-03	3.43E-08	1.01E-09	5.01E-02	8.29E-04	3.04E-02	4.81E-03	5.86E-04	1.39E-01	3.03E+00	0.00E+00	4.04E-09	5.32E-09	6.11E-04	1.61E-05	4.06E-01	0.00E+00	3.03E+00	7.56E-09	3.03E+00	3.44E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.52E-02
VF312PD	6.95E-04	3.17E-01	5.68E-02	2.60E-01	0.00E+00	0.00E+00	3.54E+00	3.44E-06	3.27E-04	2.05E-03	0.00E+00	6.00E-03	2.70E-08	7.96E-10	3.89E-02	6.53E-04	2.39E-02	4.19E-03	4.55E-04	1.08E-01	2.37E+00	0.00E+00	3.17E-09	4.17E-09	4.79E-04	1.25E-05	3.18E-01	0.00E+00	2.37E+00	5.91E-09	2.37E+00	2.69E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	1.95E-02
VF312PE	6.84E-04	3.12E-01	5.59E-02	2.56E-01	0.00E+00	0.00E+00	3.48E+00	3.38E-06	3.22E-04	2.02E-03	0.00E+00	5.90E-03	2.66E-08	7.83E-10	3.83E-02	6.42E-04	2.36E-02	4.19E-03	4.48E-04	1.06E-01	2.34E+00	0.00E+00	3.12E-09	4.10E-09	4.72E-04	1.24E-05	3.13E-01	0.00E+00	2.34E+00	5.82E-09	2.34E+00	2.65E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	1.92E-02
VF312PEB	6.80E-04	3.08E-01	5.59E-02	2.52E-01	0.00E+00	0.00E+00	3.48E+00	3.36E-06	3.21E-04	2.01E-03	0.00E+00	5.89E-03	2.66E-08	7.81E-10	3.76E-02	6.42E-04	2.26E-02	3.05E-03	4.40E-04	1.04E-01	2.32E+00	0.00E+00	3.11E-09	4.07E-09	4.70E-04	1.22E-05	3.11E-01	0.00E+00	2.32E+00	5.76E-09	2.32E+00	2.63E+00	3.11E-01	0.00E+00	0.00E+00	0.00E+00	1.89E-02
VF312PEBH	6.46E-07	2.42E-04	5.82E-04	8.24E-04	0.00E+00	0.00E+00	3.34E-02	1.57E-08	2.76E-06	1.31E-05	0.00E+00	5.40E-05	2.77E-10	6.52E-12	1.70E-04	6.69E-06	2.59E-03	1.35E-03	2.30E-06	6.36E-04	1.24E-02	0.00E+00	2.43E-11	1.87E-11	3.22E-06	1.01E-08	1.37E-03	0.00E+00	1.24E-02	1.11E-11	1.24E-02	1.38E-02	1.37E-03	0.00E+00	0.00E+00	0.00E+00	9.87E-05
VF312PF	8.07E-06	7.61E-04	1.67E-03	9.07E-04	0.00E+00	0.00E+00	9.70E-02	5.32E-08	8.15E-06	4.09E-05	0.00E+00	1.58E-04	7.93E-10	1.94E-11	2.49E-04	1.92E-05	1.62E-03	1.67E-03	3.67E-06	1.10E-03	4.05E-02	0.00E+00	7.30E-11	6.36E-11	9.94E-06	7.84E-08	4.70E-03	0.00E+00	4.05E-02	5.24E-11	4.05E-02	4.52E-02	4.70E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
VF312PJ	5.96E-04	2.71E-01	4.88E-02	2.22E-01	0.00E+00	0.00E+00	3.04E+00	2.95E-06	2.81E-04	1.76E-03	0.00E+00	5.15E-03	2.32E-08	6.83E-10	3.32E-02	5.61E-04	2.05E-02	3.58E-03	3.88E-04	9.19E-02	2.03E+00	0.00E+00	2.72E-09	3.57E-09	4.11E-04	1.07E-05	2.72E-01	0.00E+00	2.03E+00	5.05E-09	2.03E+00	2.31E+00	2.72E-01	0.00E+00	0.00E+00	0.00E+00	1.67E-02
VF312PM	5.92E-04	2.71E-01	4.82E-02	2.23E-01	0.00E+00	0.00E+00	3.01E+00	2.93E-06	2.78E-04	1.75E-03	0.00E+00	5.09E-03	2.29E-08	6.76E-10	3.34E-02	5.54E-04	2.08E-02	3.49E-03	3.90E-04	9.26E-02	2.02E+00	0.00E+00	2.70E-09	3.55E-09	4.08E-04	1.07E-05	2.71E-01	0.00E+00	2.02E+00	5.04E-09	2.02E+00	2.29E+00	2.71E-01	0.00E+00	0.00E+00	0.00E+00	1.68E-02
VF312PR	3.85E-06	1.33E-03	3.10E-04	1.02E-03	0.00E+00	0.00E+00	1.90E-02	1.65E-08	1.72E-06	1.03E-05	0.00E+00	3.19E-05	1.47E-10	4.16E-12	1.47E-04	3.57E-06	1.48E-03	1.28E-03	1.68E-06	3.87E-04	1.16E-02	0.00E+00	1.64E-11	2.00E-11	2.42E-06	5.48E-08	1.52E-03	0.00E+00	1.16E-02	2.65E-11	1.16E-02	1.31E-02	1.52E-03	0.00E+00	0.00E+00	0.00E+00	7.20E-05
VF312PS	7.59E-04	3.45E-01	6.21E-02	2.83E-01	0.00E+00	0.00E+00	3.87E+00	3.75E-06	3.58E-04	2.24E-03	0.00E+00	6.56E-03	2.95E-08	8.70E-10	4.23E-02	7.14E-04	2.58E-02	4.19E-03	4.95E-04	1.17E-01	2.59E+00	0.00E+00	3.47E-09	4.55E-09	5.23E-04	1.37E-05	3.47E-01	0.00E+00	2.59E+00	6.44E-09	2.59E+00	2.94E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	2.12E-02
VF312PT	7.19E-04	3.31E-01	5.84E-02	2.73E-01	0.00E+00	0.00E+00	3.64E+00	3.56E-06	3.37E-04	2.12E-03	0.00E+00	6.17E-03	2.77E-08	8.20E-10	4.09E-02	6.70E-04	2.60E-02	5.94E-03	4.79E-04	1.14E-01	2.46E+00	0.00E+00	3.27E-09	4.32E-09	4.95E-04	1.31E-05	3.30E-01	0.00E+00	2.46E+00	6.15E-09	2.46E+00	2.79E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	2.06E-02
VF312PY	9.48E-04	4.34E-01	7.70E-02	3.57E-01	0.00E+00	0.00E+00	4.80E+00	4.68E-06	4.44E-04	2.79E-03	0.00E+00	8.14E-03	3.66E-08	1.08E-09	5.34E-02	8.85E-04	3.22E-02	5.06E-03	6.25E-04	1.48E-01	3.23E+00	0.00E+00	4.31E-09	5.68E-09	6.51E-04	1.71E-05	4.33E-01	0.00E+00	3.23E+00	8.07E-09	3.23E+00	3.66E+00	4.33E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
VF312PZC	9.63E-04	4.34E-01	7.72E-02	3.56E-01	0.00E+00	0.00E+00	4.81E+00	4.69E-06	4.45E-04	2.80E-03	0.00E+00	8.15E-03	3.67E-08	1.08E-09	5.34E-02	8.87E-04	3.22E-02	5.06E-03	6.24E-04	1.48E-01	3.23E+00	0.00E+00	4.32E-09	5.68E-09	6.52E-04	1.72E-05	4.34E-01	0.00E+00	3.23E+00	8.07E-09	3.23E+00	3.67E+00	4.34E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
VF312PZG	9.55E-04	4.33E-01	7.78E-02	3.55E-01	0.00E+00	0.00E+00	4.85E+00	4.71E-06	4.48E-04	2.81E-03	0.00E+00	8.21E-03	3.70E-08	1.09E-09	5.32E-02	8.94E-04	3.18E-02	4.44E-03	6.22E-04	1.47E-01	3.25E+00	0.00E+00	4.35E-09	5.70E-09	6.56E-04	1.72E-05	4.35E-01	0.00E+00	3.25E+00	8.08E-09	3.25E+00	3.68E+00	4.35E-01	0.00E+00	0.00E+00	0.00E+00	2.67E-02
VF312TA	8.91E-04	4.07E-01	7.21E-02	3.34E-01	0.00E+00	0.00E+00	4.50E+00	4.39E-06	4.16E-04	2.62E-03	0.00E+00	7.62E-03	3.43E-08	1.01E-09	5.01E-02	8.29E-04	3.01E-02	4.45E-03	5.86E-04	1.39E-01	3.03E+00	0.00E+00	4.04E-09	5.32E-09	6.10E-04	1.61E-05	4.06E-01	0.00E+00	3.03E+00	7.56E-09	3.03E+00	3.43E+00	4.06E-01	0.00E+00	0.00E+00	0.00E+00	2.52E-02
VF312TD	8.02E-04	3.66E-01	6.50E-02	3.01E-01	0.00E+00	0.00E+00	4.05E+00	3.95E-06	3.75E-04	2.36E-03	0.00E+00	6.87E-03	3.09E-08	9.12E-10	4.50E-02	7.47E-04	2.73E-02	4.10E-03	5.27E-04	1.25E-01	2.73E+00	0.00E+00	3.64E-09	4.79E-09	5.50E-04	1.45E-05	3.66E-01	0.00E+00	2.73E+00	6.81E-09	2.73E+00	3.09E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	2.26E-02
VF312TE	9.50E-04	4.34E-01	7.65E-02	3.57E-01	0.00E+00	0.00E+00	4.77E+00	4.67E-06	4.42E-04	2.78E-03	0.00E+00	8.09E-03	3.63E-08	1.07E-09	5.36E-02	8.79E-04	3.21E-02	4.65E-03	6.27E-04	1.49E-01	3.22E+00	0.00E+00	4.29E-09	5.66E-09	6.49E-04	1.71E-05	4.32E-01	0.00E+00	3.22E+00	8.06E-09	3.22E+00	3.65E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	2.69E-02
VF312TF	7.84E-04	3.56E-01	6.36E-02	2.93E-01	0.00E+00	0.00E+00	3.97E+00	3.86E-06	3.67E-04	2.30E-03	0.00E+00	6.72E-03	3.02E-08	8.92E-10	4.38E-02	7.31E-04	2.63E-02	3.66E-03	5.12E-04	1.22E-01	2.66E+00	0.00E+00	3.56E-09	4.68E-09	5.37E-04	1.41E-05	3.57E-01	0.00E+00	2.66E+00	6.64E-09	2.66E+00	3.02E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	2.20E-02
VF312TJ	6.28E-04	2.84E-01	5.11E-02	2.33E-01	0.00E+00	0.00E+00	3.18E+00	3.09E-06	2.94E-04	1.84E-03	0.00E+00	5.39E-03	2.43E-08	7.15E-10	3.49E-02	5.87E-04	2.11E-02	3.31E-03	4.08E-04	9.67E-02	2.13E+00	0.00E+00	2.85E-09	3.74E-09	4.31E-04	1.13E-05	2.86E-01	0.00E+00	2.13E+00	5.30E-09	2.13E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VF312TM	4.46E-04	2.03E-01	3.63E-02	1.67E-01	0.00E+00	0.00E+00	2.26E+00	2.20E-06	2.09E-04	1.31E-03	0.00E+00	3.83E-03	1.72E-08	5.08E-10	2.50E-02	4.17E-04	1.57E-02	2.66E-03	2.92E-04	6.93E-02	1.52E+00	0.00E+00	2.03E-09	2.67E-09	3.06E-04	8.04E-06	2.03E-01	0.00E+00	1.52E+00	3.78E-09	1.52E+00	1.72E+00	2.03E-01	0.00E+00	0.00E+00	0.00E+00	1.26E-02
VF312TP	9.50E-04	4.33E-01	7.75E-02	3.56E-01	0.00E+00	0.00E+00	4.83E+00	4.70E-06	4.46E-04	2.80E-03	0.00E+00	8.18E-03	3.68E-08	1.09E-09	5.33E-02	8.90E-04	3.17E-02	4.77E-03	6.23E-04	1.48E-01	3.24E+00	0.00E+00	4.33E-09	5.69E-09	6.54E-04	1.72E-05	4.34E-01	0.00E+00	3.24E+00	8.08E-09	3.24E+00	3.67E+00	4.34E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
VF312TR	1.07E-03	4.95E-01	8.65E-02	4.09E-01	0.00E+00	0.00E+00	5.40E+00	5.31E-06	5.01E-04	3.15E-03	0.00E+00	9.16E-03	4.11E-08	1.22E-09	6.13E-02	9.94E-04	3.63E-02	4.53E-03	7.18E-04	1.71E-01	3.66E+00	0.00E+00	4.86E-09	6.43E-09	7.36E-04	1.95E-05	4.91E-01	0.00E+00	3.66E+00	9.18E-09	3.66E+00	4.15E+00	4.91E-01	0.00E+00	0.00E+00	0.00E+00	3.08E-02
VF312TS	7.02E-04	3.25E-01	5.71E-02	2.68E-01	0.00E+00	0.00E+00	3.57E+00	3.50E-06	3.30E-04	2.08E-03	0.00E+00	6.05E-03	2.71E-08	8.04E-10	4.02E-02	6.56E-04	2.48E-02	4.00E-03	4.71E-04	1.12E-01	2.41E+00	0.00E+00	3.21E-09	4.24E-09	4.85E-04	1.29E-05	3.23E-01	0.00E+00	2.41E+00	6.04E-09	2.41E+00	2.73E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
VF312TY	9.50E-04	4.34E-01	7.69E-02	3.57E-01	0.00E+00	0.00E+00	4.80E+00	4.68E-06	4.44E-04	2.79E-03	0.00E+00	8.13E-03	3.65E-08	1.08E-09	5.34E-02	8.84E-04	3.19E-02	4.71E-03	6.25E-04	1.48E-01	3.23E+00	0.00E+00	4.31E-09	5.67E-09	6.51E-04	1.71E-05	4.33E-01	0.00E+00	3.23E+00	8.07E-09	3.23E+00	3.66E+00	4.33E-01	0.00E+00	0.00E+00	0.00E+00	2.69E-02
VF318PD	1.20E-03	5.44E-01	9.84E-02	4.45E-01	0.00E+00	0.00E+00	6.13E+00	5.93E-06	5.66E-04	3.54E-03	0.00E+00	1.04E-02	4.68E-08	1.38E-09	6.65E-02	1.13E-03	4.01E-02	5.80E-03	7.78E-04	1.84E-01	4.09E+00	0.00E+00	5.49E-09	7.18E-09	8.28E-04	2.16E-05	5.48E-01	0.00E+00	4.09E+00	1.02E-08	4.09E+00	4.64E+00	5.48E-01	0.00E+00	0.00E+00	0.00E+00	3.34E-02
VF318PEH	1.14E-03	5.14E-01	9.41E-02	4.20E-01	0.00E+00	0.00E+00	5.85E+00	5.63E-06	5.40E-04	3.37E-03	0.00E+00	9.91E-03	4.47E-08	1.31E-09	6.26E-02	1.08E-03	3.84E-02	5.12E-03	7.32E-04	1.73E-01	3.89E+00	0.00E+00	5.23E-09	6.82E-09	7.88E-04	2.04E-05	5.21E-01	0.00E+00	3.89E+00	9.63E-09	3.89E+00	4.41E+00	5.21E-01	0.00E+00	0.00E+00	0.00E+00	3.14E-02
VF318PES	1.27E-03	5.75E-01	1.04E-01	4.71E-01	0.00E+00	0.00E+00	6.50E+00	6.28E-06	6.00E-04	3.76E-03	0.00E+00	1.10E-02	4.96E-08	1.46E-09	7.03E-02	1.20E-03	4.22E-02	5.80E-03	8.22E-04	1.95E-01	4.34E+00	0.00E+00	5.81E-09	7.61E-09	8.77E-04	2.28E-05	5.80E-01	0.00E+00	4.34E+00	1.08E-08	4.34E+00	4.92E+00	5.80E-01	0.00E+00	0.00E+00	0.00E+00	3.53E-02
VF318PF	1.17E-03	5.27E-01	9.63E-02	4.31E-01	0.00E+00	0.00E+00	5.99E+00	5.77E-06	5.53E-04	3.46E-03	0.00E+00	1.01E-02	4.57E-08	1.34E-09	6.44E-02	1.11E-03	3.88E-02	4.63E-03	7.52E-04	1.78E-01	3.99E+00	0.00E+00	5.36E-09	7.00E-09	8.07E-04	2.09E-05	5.34E-01	0.00E+00	3.99E+00	9.88E-09	3.99E+00	4.52E+00	5.34E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
VF318PJ	2.54E-05	2.53E-04	4.11E-03	4.36E-03	0.00E+00	0.00E+00	2.37E-01	1.19E-07	1.97E-05	9.58E-05	0.00E+00	3.84E-04	1.95E-09	4.67E-11	9.60E-04	4.72E-05	1.48E-03	1.33E-03	1.33E-05	3.76E-03	9.24E-02	0.00E+00	1.75E-10	1.42E-10	2.34E-05	1.21E-07	1.04E-02	0.00E+00	9.24E-02	9.89E-11	9.24E-02	1.03E-01	1.04E-02	0.00E+00	0.00E+00	0.00E+00	5.71E-04
VF318PM	1.61E-03	7.31E-01	1.31E-01	6.00E-01	0.00E+00	0.00E+00	8.18E+00	7.94E-06	7.56E-04	4.74E-03	0.00E+00	1.38E-02	6.23E-08	1.84E-09	8.98E-02	1.51E-03	5.24E-02	5.21E-03	1.05E-03	2.49E-01	5.48E+00	0.00E+00	7.33E-09	9.62E-09	1.11E-03	2.90E-05	7.34E-01	0.00E+00	5.48E+00	1.36E-08	5.48E+00	6.21E+00	7.34E-01	0.00E+00	0.00E+00	0.00E+00	4.51E-02
VF318PP	1.27E-03	5.76E-01	1.05E-01	4.72E-01	0.00E+00	0.00E+00	6.51E+00	6.29E-06	6.01E-04	3.76E-03	0.00E+00	1.10E-02	4.97E-08	1.46E-09	7.05E-02	1.20E-03	4.23E-02	5.80E-03	8.24E-04	1.95E-01	4.34E+00	0.00E+00	5.83E-09	7.62E-09	8.79E-04	2.29E-05	5.81E-01	0.00E+00	4.34E+00	1.08E-08	4.34E+00	4.93E+00	5.81E-01	0.00E+00	0.00E+00	0.00E+00	3.54E-02

VF318PS	1.27E-03	5.76E-01	1.05E-01	4.72E-01	0.00E+00	0.00E+00	6.51E+00	6.29E-06	6.01E-04	3.76E-03	0.00E+00	1.10E-02	4.97E-08	1.46E-09	7.04E-02	1.20E-03	4.23E-02	5.80E-03	8.23E-04	1.95E-01	4.34E+00	0.00E+00	5.82E-09	7.62E-09	8.78E-04	2.29E-05	5.81E-01	0.00E+00	4.34E+00	1.08E-08	4.34E+00	4.92E+00	5.81E-01	0.00E+00	0.00E+00	0.00E+00	3.54E-02
VF318PT	1.22E-03	5.56E-01	1.00E-01	4.56E-01	0.00E+00	0.00E+00	6.23E+00	6.04E-06	5.76E-04	3.61E-03	0.00E+00	1.06E-02	4.75E-08	1.40E-09	6.82E-02	1.15E-03	4.18E-02	7.03E-03	7.98E-04	1.89E-01	4.17E+00	0.00E+00	5.58E-09	7.32E-09	8.42E-04	2.20E-05	5.59E-01	0.00E+00	4.17E+00	1.04E-08	4.17E+00	4.73E+00	5.59E-01	0.00E+00	0.00E+00	0.00E+00	3.43E-02
VF318PY	1.17E-03	5.28E-01	9.54E-02	4.32E-01	0.00E+00	0.00E+00	5.94E+00	5.75E-06	5.49E-04	3.44E-03	0.00E+00	1.01E-02	4.53E-08	1.33E-09	6.46E-02	1.10E-03	3.92E-02	5.18E-03	7.56E-04	1.79E-01	3.97E+00	0.00E+00	5.32E-09	6.97E-09	8.02E-04	2.09E-05	5.31E-01	0.00E+00	3.97E+00	9.86E-09	3.97E+00	4.50E+00	5.31E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-02
VF318PZC	1.21E-03	5.27E-01	9.66E-02	4.31E-01	0.00E+00	0.00E+00	6.01E+00	5.78E-06	5.55E-04	3.46E-03	0.00E+00	1.02E-02	4.59E-08	1.35E-09	6.43E-02	1.11E-03	3.78E-02	4.26E-03	7.51E-04	1.78E-01	4.00E+00	0.00E+00	5.37E-09	7.01E-09	8.09E-04	2.09E-05	5.34E-01	0.00E+00	4.00E+00	9.88E-09	4.00E+00	4.53E+00	5.34E-01	0.00E+00	0.00E+00	0.00E+00	3.22E-02
VF318TA	1.17E-03	5.28E-01	9.58E-02	4.32E-01	0.00E+00	0.00E+00	5.96E+00	5.76E-06	5.51E-04	3.45E-03	0.00E+00	1.01E-02	4.55E-08	1.34E-09	6.45E-02	1.10E-03	3.86E-02	4.55E-03	7.54E-04	1.79E-01	3.98E+00	0.00E+00	5.33E-09	6.98E-09	8.05E-04	2.09E-05	5.32E-01	0.00E+00	3.98E+00	9.87E-09	3.98E+00	4.51E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	3.24E-02
VF318TD	1.20E-03	5.44E-01	9.84E-02	4.45E-01	0.00E+00	0.00E+00	6.13E+00	5.93E-06	5.66E-04	3.54E-03	0.00E+00	1.04E-02	4.68E-08	1.38E-09	6.65E-02	1.13E-03	4.01E-02	5.80E-03	7.78E-04	1.84E-01	4.09E+00	0.00E+00	5.49E-09	7.18E-09	8.28E-04	2.16E-05	5.48E-01	0.00E+00	4.09E+00	1.02E-08	4.09E+00	4.64E+00	5.48E-01	0.00E+00	0.00E+00	0.00E+00	3.34E-02
VF318TES	1.14E-03	5.14E-01	9.43E-02	4.19E-01	0.00E+00	0.00E+00	5.87E+00	5.64E-06	5.41E-04	3.38E-03	0.00E+00	9.93E-03	4.48E-08	1.32E-09	6.26E-02	1.08E-03	3.74E-02	4.42E-03	7.31E-04	1.73E-01	3.90E+00	0.00E+00	5.24E-09	6.83E-09	7.89E-04	2.04E-05	5.21E-01	0.00E+00	3.90E+00	9.63E-09	3.90E+00	4.42E+00	5.21E-01	0.00E+00	0.00E+00	0.00E+00	3.14E-02
VF318TM	1.67E-03	7.58E-01	1.36E-01	6.23E-01	0.00E+00	0.00E+00	8.46E+00	8.22E-06	7.82E-04	4.91E-03	0.00E+00	1.43E-02	6.45E-08	1.90E-09	9.32E-02	1.56E-03	5.38E-02	4.86E-03	1.09E-03	2.58E-01	5.68E+00	0.00E+00	7.59E-09	9.97E-09	1.15E-03	3.00E-05	7.60E-01	0.00E+00	5.68E+00	1.41E-08	5.68E+00	6.44E+00	7.60E-01	0.00E+00	0.00E+00	0.00E+00	4.68E-02
VF318TP	1.17E-03	5.27E-01	9.64E-02	4.31E-01	0.00E+00	0.00E+00	6.00E+00	5.78E-06	5.53E-04	3.46E-03	0.00E+00	1.02E-02	4.58E-08	1.35E-09	6.44E-02	1.11E-03	3.84E-02	4.63E-03	7.52E-04	1.78E-01	3.99E+00	0.00E+00	5.36E-09	7.00E-09	8.08E-04	2.09E-05	5.34E-01	0.00E+00	3.99E+00	9.88E-09	3.99E+00	4.52E+00	5.34E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
VF318TR	2.14E-03	9.70E-01	1.74E-01	7.96E-01	0.00E+00	0.00E+00	1.08E+01	1.05E-05	1.00E-03	6.28E-03	0.00E+00	1.84E-02	8.26E-08	2.44E-09	1.19E-01	2.00E-03	6.86E-02	6.84E-03	1.39E-03	3.30E-01	7.26E+00	0.00E+00	9.71E-09	1.27E-08	1.47E-03	3.84E-05	9.73E-01	0.00E+00	7.26E+00	1.81E-08	7.26E+00	8.23E+00	9.73E-01	0.00E+00	0.00E+00	0.00E+00	5.98E-02
VF412PA	1.15E-03	5.14E-01	9.36E-02	4.20E-01	0.00E+00	0.00E+00	5.83E+00	5.62E-06	5.38E-04	3.36E-03	0.00E+00	9.87E-03	4.45E-08	1.31E-09	6.28E-02	1.08E-03	3.80E-02	4.31E-03	7.34E-04	1.74E-01	3.88E+00	0.00E+00	5.21E-09	6.81E-09	7.86E-04	2.04E-05	5.19E-01	0.00E+00	3.88E+00	9.62E-09	3.88E+00	4.40E+00	5.19E-01	0.00E+00	0.00E+00	0.00E+00	3.15E-02
VF412PD	1.22E-03	5.51E-01	1.01E-01	4.50E-01	0.00E+00	0.00E+00	6.26E+00	6.03E-06	5.78E-04	3.61E-03	0.00E+00	1.06E-02	4.78E-08	1.40E-09	6.73E-02	1.16E-03	3.99E-02	4.72E-03	7.86E-04	1.86E-01	4.17E+00	0.00E+00	5.59E-09	7.31E-09	8.43E-04	2.19E-05	5.57E-01	0.00E+00	4.17E+00	1.03E-08	4.17E+00	4.72E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	3.37E-02
VF412PE	1.21E-03	5.45E-01	9.94E-02	4.45E-01	0.00E+00	0.00E+00	6.18E+00	5.96E-06	5.71E-04	3.57E-03	0.00E+00	1.05E-02	4.72E-08	1.39E-09	6.65E-02	1.14E-03	3.94E-02	4.72E-03	7.77E-04	1.84E-01	4.12E+00	0.00E+00	5.53E-09	7.22E-09	8.33E-04	2.16E-05	5.51E-01	0.00E+00	4.12E+00	1.02E-08	4.12E+00	4.67E+00	5.51E-01	0.00E+00	0.00E+00	0.00E+00	3.34E-02
VF412PEB	2.70E-05	1.48E-03	3.56E-03	5.05E-03	0.00E+00	0.00E+00	2.05E-01	9.63E-08	1.69E-05	8.02E-05	0.00E+00	3.31E-04	1.69E-09	3.99E-11	1.04E-03	4.10E-05	1.89E-03	1.79E-04	1.40E-05	3.89E-03	7.58E-02	0.00E+00	1.48E-10	1.15E-10	1.97E-05	6.20E-08	8.37E-03	0.00E+00	7.58E-02	6.79E-11	7.58E-02	8.42E-02	8.37E-03	0.00E+00	0.00E+00	0.00E+00	6.04E-04
VF412PEBH	2.59E-05	1.24E-03	2.99E-03	4.23E-03	0.00E+00	0.00E+00	1.71E-01	8.07E-08	1.42E-05	6.72E-05	0.00E+00	2.77E-04	1.42E-09	3.34E-11	8.69E-04	3.43E-05	2.49E-03	8.04E-05	1.18E-05	3.26E-03	6.35E-02	0.00E+00	1.24E-10	9.60E-11	1.65E-05	5.20E-08	7.01E-03	0.00E+00	6.35E-02	5.69E-11	6.35E-02	7.05E-02	7.01E-03	0.00E+00	0.00E+00	0.00E+00	5.06E-04
VF412PEH	1.15E-03	5.14E-01	9.28E-02	4.22E-01	0.00E+00	0.00E+00	5.78E+00	5.60E-06	5.34E-04	3.35E-03	0.00E+00	9.79E-03	4.41E-08	1.30E-09	6.30E-02	1.07E-03	3.84E-02	4.64E-03	7.37E-04	1.75E-01	3.86E+00	0.00E+00	5.18E-09	6.78E-09	7.81E-04	2.04E-05	5.17E-01	0.00E+00	3.86E+00	9.61E-09	3.86E+00	4.38E+00	5.17E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
VF412PF	1.00E-03	4.46E-01	8.21E-02	3.64E-01	0.00E+00	0.00E+00	5.11E+00	4.90E-06	4.71E-04	2.94E-03	0.00E+00	8.64E-03	3.90E-08	1.14E-09	5.43E-02	9.43E-04	3.28E-02	3.45E-03	6.34E-04	1.50E-01	3.39E+00	0.00E+00	4.56E-09	5.94E-09	6.87E-04	1.77E-05	4.53E-01	0.00E+00	3.39E+00	8.37E-09	3.39E+00	3.84E+00	4.53E-01	0.00E+00	0.00E+00	0.00E+00	2.72E-02
VF412PJ	1.36E-03	6.09E-01	1.11E-01	4.98E-01	0.00E+00	0.00E+00	6.88E+00	6.65E-06	6.36E-04	3.98E-03	0.00E+00	1.17E-02	5.25E-08	1.54E-09	7.44E-02	1.27E-03	4.41E-02	4.69E-03	8.70E-04	2.06E-01	4.59E+00	0.00E+00	6.16E-09	8.05E-09	9.29E-04	2.42E-05	6.14E-01	0.00E+00	4.59E+00	1.14E-08	4.59E+00	5.21E+00	6.14E-01	0.00E+00	0.00E+00	0.00E+00	3.74E-02
VF412PM	8.04E-04	3.55E-01	6.57E-02	2.90E-01	0.00E+00	0.00E+00	4.09E+00	3.91E-06	3.77E-04	2.35E-03	0.00E+00	6.91E-03	3.12E-08	9.15E-10	4.32E-02	7.55E-04	2.64E-02	2.99E-03	5.04E-04	1.19E-01	2.71E+00	0.00E+00	3.64E-09	4.74E-09	5.49E-04	1.41E-05	3.62E-01	0.00E+00	2.71E+00	6.68E-09	2.71E+00	3.07E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	2.16E-02
VF412PP	1.30E-03	5.86E-01	1.07E-01	4.79E-01	0.00E+00	0.00E+00	6.67E+00	6.42E-06	6.15E-04	3.84E-03	0.00E+00	1.13E-02	5.09E-08	1.49E-09	7.15E-02	1.23E-03	4.22E-02	4.72E-03	8.35E-04	1.98E-01	4.43E+00	0.00E+00	5.96E-09	7.78E-09	8.98E-04	2.33E-05	5.93E-01	0.00E+00	4.43E+00	1.10E-08	4.43E+00	5.03E+00	5.93E-01	0.00E+00	0.00E+00	0.00E+00	3.58E-02
VF412PR	1.52E-03	6.88E-01	1.22E-01	5.66E-01	0.00E+00	0.00E+00	7.63E+00	7.44E-06	7.06E-04	4.43E-03	0.00E+00	1.29E-02	5.81E-08	1.72E-09	8.48E-02	1.41E-03	4.96E-02	4.51E-03	9.92E-04	2.35E-01	5.13E+00	0.00E+00	6.85E-09	9.01E-09	1.03E-03	2.72E-05	6.88E-01	0.00E+00	5.13E+00	1.28E-08	5.13E+00	5.82E+00	6.88E-01	0.00E+00	0.00E+00	0.00E+00	4.26E-02
VF412PS	1.28E-03	5.78E-01	1.06E-01	4.72E-01	0.00E+00	0.00E+00	6.57E+00	6.33E-06	6.06E-04	3.79E-03	0.00E+00	1.11E-02	5.02E-08	1.47E-09	7.05E-02	1.21E-03	4.17E-02	4.72E-03	8.23E-04	1.95E-01	4.37E+00	0.00E+00	5.87E-09	7.67E-09	8.85E-04	2.29E-05	5.85E-01	0.00E+00	4.37E+00	1.08E-08	4.37E+00	4.96E+00	5.85E-01	0.00E+00	0.00E+00	0.00E+00	3.54E-02
VF412PT	1.24E-03	5.64E-01	1.02E-01	4.61E-01	0.00E+00	0.00E+00	6.36E+00	6.15E-06	5.87E-04	3.68E-03	0.00E+00	1.08E-02	4.85E-08	1.43E-09	6.90E-02	1.17E-03	4.15E-02	5.95E-03	8.06E-04	1.91E-01	4.24E+00	0.00E+00	5.69E-09	7.45E-09	8.58E-04	2.24E-05	5.68E-01	0.00E+00	4.24E+00	1.05E-08	4.24E+00	4.81E+00	5.68E-01	0.00E+00	0.00E+00	0.00E+00	3.46E-02
VF412PY	1.15E-03	5.14E-01	9.31E-02	4.21E-01	0.00E+00	0.00E+00	5.80E+00	5.61E-06	5.35E-04	3.35E-03	0.00E+00	9.82E-03	4.42E-08	1.30E-09	6.29E-02	1.07E-03	3.79E-02	4.47E-03	7.36E-04	1.74E-01	3.87E+00	0.00E+00	5.19E-09	6.79E-09	7.83E-04	2.04E-05	5.18E-01	0.00E+00	3.87E+00	9.61E-09	3.87E+00	4.39E+00	5.18E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
VF412PZC	1.18E-03	5.14E-01	9.43E-02	4.19E-01	0.00E+00	0.00E+00	5.87E+00	5.64E-06	5.41E-04	3.38E-03	0.00E+00	9.93E-03	4.48E-08	1.32E-09	6.26E-02	1.08E-03	3.66E-02	3.57E-03	7.31E-04	1.73E-01	3.90E+00	0.00E+00	5.24E-09	6.83E-09	7.89E-04	2.04E-05	5.21E-01	0.00E+00	3.90E+00	9.63E-09	3.90E+00	4.42E+00	5.21E-01	0.00E+00	0.00E+00	0.00E+00	3.14E-02
VF412TA	1.15E-03	5.14E-01	9.35E-02	4.21E-01	0.00E+00	0.00E+00	5.82E+00	5.62E-06	5.37E-04	3.36E-03	0.00E+00	9.85E-03	4.44E-08	1.31E-09	6.28E-02	1.07E-03	3.75E-02	3.79E-03	7.34E-04	1.74E-01	3.88E+00	0.00E+00	5.20E-09	6.81E-09	7.85E-04	2.04E-05	5.19E-01	0.00E+00	3.88E+00	9.62E-09	3.88E+00	4.40E+00	5.19E-01	0.00E+00	0.00E+00	0.00E+00	3.15E-02
VF412TD	1.21E-03	5.41E-01	9.82E-02	4.43E-01	0.00E+00	0.00E+00	6.12E+00	5.91E-06	5.65E-04	3.53E-03	0.00E+00	1.04E-02	4.67E-08	1.37E-09	6.62E-02	1.13E-03	3.93E-02	3.98E-03	7.74E-04	1.83E-01	4.08E+00	0.00E+00	5.47E-09	7.16E-09	8.25E-04	2.15E-05	5.46E-01	0.00E+00	4.08E+00	1.01E-08	4.08E+00	4.63E+00	5.46E-01	0.00E+00	0.00E+00	0.00E+00	3.32E-02
VF412TE	1.15E-03	5.14E-01	9.30E-02	4.21E-01	0.00E+00	0.00E+00	5.79E+00	5.60E-06	5.35E-04	3.35E-03	0.00E+00	9.81E-03	4.42E-08	1.30E-09	6.30E-02	1.07E-03	3.75E-02	3.96E-03	7.36E-04	1.74E-01	3.87E+00	0.00E+00	5.18E-09	6.79E-09	7.82E-04	2.04E-05	5.18E-01	0.00E+00	3.87E+00	9.61E-09	3.87E+00	4.39E+00	5.18E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-02
VF412TF	9.91E-04	4.38E-01	8.06E-02	3.57E-01	0.00E+00	0.00E+00	5.01E+00	4.81E-06	4.62E-04	2.89E-03	0.00E+00	8.48E-03	3.83E-08	1.12E-09	5.33E-02	9.26E-04	3.17E-02	2.87E-03	6.23E-04	1.47E-01	3.33E+00	0.00E+00	4.47E-09	5.83E-09	6.74E-04	1.74E-05	4.45E-01	0.00E+00	3.33E+00	8.22E-09	3.33E+00	3.77E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.67E-02
VF412TJ	1.30E-03	5.82E-01	1.06E-01	4.76E-01	0.00E+00	0.00E+00	6.58E+00	6.35E-06	6.08E-04	3.80E-03	0.00E+00	1.11E-02	5.02E-08	1.48E-09	7.11E-02	1.21E-03	4.17E-02	3.98E-03	8.31E-04	1.97E-01	4.39E+00	0.00E+00	5.89E-09	7.70E-09	8.88E-04	2.31E-05	5.87E-01	0.00E+00	4.39E+00	1.09E-08	4.39E+00	4.98E+00	5.87E-01	0.00E+00	0.00E+00	0.00E+00	3.57E-02
VF412TM	6.51E-04	2.84E-01	5.30E-02	2.31E-01	0.00E+00	0.00E+00	3.29E+00	3.14E-06	3.03E-04	1.89E-03	0.00E+00	5.57E-03	2.52E-08	7.37E-10	3.43E-02	6.09E-04	2.09E-02	1.97E-03	4.00E-04	9.46E-02	2.17E+00	0.00E+00	2.93E-09	3.80E-09	4.41E-04	1.13E-05	2.90E-01	0.00E+00	2.17E+00	5.34E-09	2.17E+00	2.46E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
VF412TP	1.15E-03	5.14E-01	9.41E-02	4.20E-01	0.00E+00	0.00E+00	5.86E+00	5.63E-06	5.40E-04	3.38E-03	0.00E+00	9.91E-03	4.47E-08	1.31E-09	6.26E-02	1.08E-03	3.70E-02	4.06E-03	7.32E-04	1.73E-01	3.89E+00	0.00E+00	5.23E-09	6.83E-09	7.88E-04	2.04E-05	5.21E-01	0.00E+00	3.89E+00	9.63E-09	3.89E+00	4.41E+00	5.21E-01	0.00E+00	0.00E+00	0.00E+00	3.14E-02
VF412TR	1.29E-03	5.83E-01	1.04E-01	4.79E-01	0.00E+00	0.00E+00	6.47E+00	6.30E-06	5.99E-04	3.76E-03	0.00E+00	1.10E-02	4.93E-08	1.46E-09	7.17E-02	1.19E-03	4.21E-02	3.81E-03	8.38E-04	1.99E-01	4.35E+00	0.00E+00	5.81E-09	7.64E-09	8.77E-04	2.31E-05	5.83E-01	0.00E+00	4.35E+00	1.08E-08	4.35E+00	4.93E+00	5.83E-01	0.00E+00	0.00E+00	0.00E+00	3.60E-02
VF412TS	1.98E-04	8.19E-02	1.66E-02	6.53E-02	0.00E+00	0.00E+00	1.03E+00	9.44E-07	9.37E-05	5.75E-04	0.00E+00	1.73E-03	7.88E-09	2.27E-10	9.62E-03	1.91E-04	7.48E-03	1.26E-03	1.12E-04	2.62E-02	6.56E-01	0.00E+00	9.01E-10	1.14E-09	1.35E-04	3.30E-06	8.70E-02	0.00E+00	6.56E-01	1.57E-09	6.56E-01	7.44E-01	8.70E-02	0.00E+00	0.00E+00	0.00E+00	4.79E-03
VF418PA	8.93E-04	4.13E-01	7.44E-02	3.38E-01	0.00E+00	0.00E+00	4.64E+00	4.49E-06	4.28E-04	2.68E-03	0.00E+00	7.85E-03	3.53E-08	1.04E-09	5.06E-02	8.55E-04	3.16E-02	6.15E-03	5.92E-04	1.40E-01	3.10E+00	0.00E+00	4.15E-09	5.44E-09	6.27E-04	1.64E-05	4.15E-01	0.00E+00	3.10E+00	7.71E-09	3.10E+00	3.52E+00	4.15E-01	0.00E+00	0.00E+00	0.00E+00	2.54E-02
VF418PD	1.08E-03	4.92E-01	8.82E-02	4.04E-01	0.00E+00	0.00E+00	5.50E+00	5.34E-06	5.08E-04	3.19E-03	0.00E+00	9.31E-03	4.19E-08	1.24E-09	6.04E-02	1.01E-03	3.71E-02	6.48E-03	7.06E-04	1.67E-01	3.68E+00	0.00E+00	4.93E-09	6.47E-09	7.44E-04	1.95E-05	4.93E-01	0.00E+00	3.68E+00	9.17E-09	3.68E+00	4.18E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	3.03E-02
VF418PEH	1.41E-03	6.50E-01	1.16E-01	5.34E-01	0.00E+00	0.00E+00	7.24E+00	7.04E-06	6.70E-04	4.20E-03	0.00E+00	1.23E-02	5.52E-08	1.63E-09	7.99E-02	1.33E-03	4.85E-02	7.94E-03	9.35E-04	2.22E-01	4.86E+00	0.00E+00	6.49E-09	8.54E-09	9.81E-04	2.57E-05	6.51E-01	0.00E+00	4.86E+00	1.21E-08	4.86E+00	5.51E+00	6.51E-01	0.00E+00	0.00E+00	0.00E+00	4.01E-02
VF418PES	1.15E-03	5.22E-01	9.39E-02	4.28E-01	0.00E+00	0.00E+00	5.85E+00	5.67E-06	5.40E-04	3.39E-03	0.00E+00	9.90E-03	4.46E-08	1.31E-09	6.40E-02	1.08E-03	3.91E-02	6.48E-03	7.48E-04	1.77E-01	3.91E+00	0.00E+00	5.24E-09	6.87E-09	7.91E-04	2.07E-05	5.24E-01	0.00E+00	3.91E+00	9.73E-09	3.91E+00	4.44E+00	5.24E-01	0.00E+00	0.00E+00	0.00E+00	3.21E-02
VF418PF	1.13E-03	5.20E-01	9.36E-02	4.26E-01	0.00E+00	0.00E+00	5.83E+00	5.65E-06	5.39E-04	3.38E-03	0.00E+00	9.87E-03	4.44E-08	1.31E-09	6.38E-02	1.07E-03	3.88E-02	6.30E-03	7.46E-04	1.77E-01	3.90E+00	0.00E+00	5.22E-09	6.85E-09	7.88E-04	2.06E-05	5.22E-01	0.00E+00	3.90E+00	9.70E-09	3.90E+00	4.42E+00	5.22E-01	0.00E+00	0.00E+00	0.00E+00	3.20E-02
VF418PJ	9.66E-04	4.45E-01	8.04E-02	3.65E-01	0.00E+00	0.00E+00	5.01E+00	4.85E-06	4.63E-04	2.90E-03	0.00E+00	8.48E-03	3.82E-08	1.12E-09	5.45E-02	9.24E-04	3.36E-02	5.84E-03	6.38E-04	1.51E-01	3.35E+00	0.00E+00	4.48E-09	5.88E-09	6.77E-04	1.77E-05	4.48E-01	0.00E+00	3.35E+00	8.32E-09	3.35E+00	3.80E+00	4.48E-01	0.00E+00	0.00E+00	0.00E+00	2.74E-02
VF418PM	4.94E-04	2.30E-01	4.22E-02	1.88E-01	0.00E+00	0.00E+00	2.63E+00	2.52E-06	2.42E-04	1.51E-03	0.00E+00	4.45E-03	2.01E-08	5.89E-10	2.80E-02	4.85E-04	1.84E-02	4.57E-03	3.27E-04	7.73E-02	1.74E+00	0.00E+00	2.35E-09	3.06E-09	3.53E-04	9.13E-06	2.33E-01	0.00E+00	1.74E+00	4.31E-09	1.74E+00	1.98E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	1.40E-02
VF418PP	1.16E-03	5.29E-01	9.52E-02	4.34E-01	0.00E+00	0.00E+00	5.93E+00	5.75E-06	5.48E-04	3.44E-03	0.00E+00	1.00E-02	4.52E-08	1.33E-09	6.49E-02	1.09E-03	3.96E-02	6.48E-03	7.58E-04	1.80E-01	3.97E+00	0.00E+00	5.31E-09	6.97E-09	8.02E-04	2.10E-05	5.32E-01	0.00E+00	3.97E+00	9.87E-09	3.97E+00	4.50E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	3.26E-02
VF418PR	1.35E-03	6.23E-01	1.12E-01	5.11E-01	0.00E+00	0.00E+00	6.97E+00	6.76E-06	6.44E-04	4.04E-03	0.00E+00	1.18E-02	5.31E-08	1.57E-09	7.64E-02	1.28E-03	4.45E-02	5.92E-03	8.94E-04	2.12E-01	4.67E+00	0.00E+00	6.24E-09	8.20E-09	9.43E-04	2.47E-05	6.25E-01	0.00E+00	4.67E+00	1.16E-08	4.67E+00	5.29E+00	6.25E-01	0.00E+00	0.00E+00	0.00E+00	3.84E-02
VF418PS	1.15E-03	5.24E-01	9.44E-02	4.30E-01	0.00E+00	0.00E+00	5.88E+00	5.70E-06	5.43E-04	3.41E-03	0.00E+00	9.96E-03	4.48E-08	1.32E-09	6.43E-02	1.08E-03	3.93E-02	6.48E-03	7.52E-04	1.78E-01	3.93E+00	0.00E+00	5.27E-09	6.91E-09	7.95E-04	2.08E-05	5.27E-01	0.00E+00	3.93E+00	9.79E-09	3.93E+00	4.46E+00	5.27E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-02
VF418PY	1.38E-03	6.37E-01	1.13E-01	5.24E-01	0.00E+00	0.00E+00	7.04E+00	6.88E-06	6.52E-04	4.10E-03	0.00E+00	1.19E-02	5.37E-08	1.59E-09	7.85E-02	1.30E-03	4.73E-02	7.78E-03	9.19E-04	2.18E-01	4.74E+00	0.00E+00	6.33E-09	8.33E-09	9.56E-04	2.52E-05	6.36E-01	0.00E+00	4.74E+00	1.18E-08	4.74E+00	5.38E+00	6.36E-01	0.00E+00	0.00E+00	0.00E+00	3.94E-02
VF418PZC	1.42E-03	6.36E-01	1.14E-01	5.22E-01	0.00E+00	0.00E+00	7.13E+00	6.91E-06	6.59E-04	4.13E-03	0.00E+00	1.21E-02	5.43E-08	1.60E-09	7.81E-02	1.31E-03	4.64E-02	5.95E-03	9.13E-04	2.16E-01	4.77E+00	0.00E+00	6.38E-09	8.38E-09	9.64E-04	2.52E-05	6.39E-01	0.00E+00	4.77E+00	1.19E-08	4.77E+00	5.41E+00	6.39E-01	0.00E+00	0.00E+00	0.00E+00	3.92E-02
VF418TA	1.38E-03	6.37E-01	1.13E-01	5.23E-01	0.00E+00	0.00E+00	7.07E+00	6.89E-06	6.54E-04	4.11E-03	0.00E+00	1.20E-02	5.38E-08	1.59E-09	7.84E-02	1.30E-03	4.66E-02	7.01E-03	9.17E-04	2.18E-01	4.75E+00	0.00E+00	6.34E-09	8.34E-09	9.58E-04	2.52E-05	6.37E-01	0.00E+00	4.75E+00	1.19E-08	4.75E+00	5.39E+00	6.37E-01	0.00E+00	0.00E+00	0.00E+00	3.94E-02
VF418TD	1.08E-03	4.92E-01	8.82E-02	4.04E-01	0.00E+00	0.00E+00	5.50E+00	5.34E-06	5.08E-04	3.19E-03	0.00E+00	9.31E-03	4.19E-08	1.24E-09	6.04E-02	1.01E-03	3.71E-02	6.48E-03	7.06E-04	1.67E-01	3.68E+00	0.00E+00	4.93E-09	6.47E-09	7.44E-04	1.95E-05	4.93E-01	0.00E+00	3.68E+00	9.17E-09	3.68E+00	4.18E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	3.03E-02
VF418TES	1.38E-03	6.37E-01	1.14E-01	5.22E-01	0.00E+00	0.00E+00	7.11E+00	6.90E-06	6.57E-04	4.12E-03	0.00E+00	1.20E-02	5.42E-08	1.60E-09	7.82E-02	1.31E-03	4.65E-02	7.00E-03	9.14E-04	2.17E-01	4.76E+00	0.00E+00	6.37E-09	8.37E-09	9.62E-04	2.52E-05	6.38E-01	0.00E+00	4.76E+00	1.19E-08	4.76E+00	5.40E+00	6.38E-01	0.00E+00	0.00E+00	0.00E+00	3.93E-02
VF418TF	1.05E-03	4.81E-01	8.64E-02	3.94E-01	0.00E+00	0.00E+00	5.39E+00	5.22E-06	4.98E-04	3.12E-03	0.00E+00	9.12E-03	4.11E-08	1.21E-09	5.90E-02	9.93E-04	3.54E-02	5.37E-03	6.89E-04	1.63E-01	3.61E+00	0.00E+00	4.82E-09	6.33E-09	7.28E-04	1.90E-05	4.83E-01	0.00E+00	3.61E+00	8.97E-09	3.61E+00	4.09E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	2.96E-02
VF418TJ	9.88E-04	4.54E-01	8.17E-02	3.72E-01	0.00E+00	0.00E+00	5.09E+00	4.93E-06	4.70E-04	2.95E-03	0.00E+00	8.62E-03	3.88E-08	1.14E-09	5.56E-02	9.39E-04	3.35E-02	5.21E-03	6.50E-04	1.54E-01	3.41E+00	0.00E+00	4.56E-09	5.98E-09	6.88E-04	1.80E-05	4.56E-01	0.00E+00	3.41E+00	8.47E-09	3.41E+00	3.86E+00	4.56E-01	0.00E+00	0.00E+00	0.00E+00	2.79E-02
VF418TM	4.10E-04	1.89E-01	3.50E-02	1.54E-01	0.00E+00	0.00E+00	2.18E+00	2.08E-06	2.01E-04	1.25E-03	0.00E+00	3.68E-03	1.66E-08	4.87E-10	2.30E-02	4.02E-04	1.49E-02	3.60E-03	2.68E-04	6.35E-02	1.44E+00	0.00E+00	1.94E-09	2.52E-09	2.92E-04	7.53E-06	1.93E-01	0.00E+00	1.44E+00	3.55E-09	1.44E+00	1.63E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-02
VF418TP	1.38E-03	6.37E-01	1.14E-01	5.23E-01	0.00E+00	0.00E+00	7.10E+00	6.90E-06	6.57E-04	4.12E-03	0.00E+00	1.20E-02	5.41E-08	1.60E-09	7.82E-02	1.31E-03	4.63E-02	7.19E-03	9.15E-04	2.17E-01	4.76E+00	0.00E+00	6.37E-09	8.36E-09	9.62E-04	2.52E-05	6.38E-01	0.00E+00	4.76E+00	1.19E-08	4.76E+00	5.40E+00	6.38E-01	0.00E+00	0.00E+00	0.00E+00	3.93E-02
VF418TR	1.15E-03	5.29E-01	9.55E-02	4.34E-01	0.00E+00	0.00E+00	5.95E+00	5.76E-06	5.49E-04	3.44E-03	0.00E+00	1.01E-02	4.54E-08	1.34E-09	6.48E-02	1.10E-03	3.79E-02	5.31E-03	7.58E-04	1.80E-01	3.98E+00	0.00E+00	5.33E-09	6.98E-09	8.04E-04	2.10E-05	5.32E-01	0.00E+00	3.98E+00	9.88E-09	3.98E+00	4.51E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	3.26E-02
VF418TS	1.06E-03	4.87E-01	8.80E-02	3.99E-01	0.00E+00	0.00E+00	5.48E+00	5.31E-06	5.06E-04	3.17E-03	0.00E+00	9.28E-03	4.18E-08	1.23E-09	5.97E-02	1.01E-03	3.60E-02	5.96E-03	6.98E-04	1.65E-01	3.66E+00	0.00E+00	4.91E-09	6.43E-09	7.40E-04	1.93E-05	4.90E-01	0.00E+00	3.66E+00	9.10E-09	3.66E+00	4.15E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	3.00E-02
VH12AT	1.26E-04	5.54E-02	1.01E-02	4.53E-02	0.00E+00	0.00E+00	6.31E-01	6.07E-07	5.82E-05	3.64E-04	0.00E+00	1.07E-03	4.81E-09	1.41E-10	6.76E-03	1.16E-04	3.99E-03	4.51E-05	7.90E-05	1.87E-02	4.20E-01	0.00E+00	5.63E-10	7.36E-10	8.49E-05	2.20E-06	5.61E-02	0.00E+00	4.20E-01	1.04E-09	4.20E-01	4.76E-01	5.61E-02	0.00E+00	0.00E+00	0.00E+00	3.39E-03
VH12DKN	2.83E-04	1.29E-01	2.23E-02	1.07E-01	0.00E+00	0.00E+00	1.39E+00	1.38E-06	1.29E-04	8.16E-04	0.00E+00	2.36E-03	1.06E-08	3.15E-10	1.60E-02	2.56E-04	9.43E-03	3.65E-04	1.88E-04	4.46E-02	9.47E-01	0.00E+00	1.26E-09	1.67E-09	1.90E-04	5.08E-06	1.27E-01	0.00E+00	9.47E-01	2.38E-09	9.47E-01	1.07E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	8.06E-03
VH12EP	2.99E-04	1.36E-01	2.39E-02	1.12E-01	0.00E+00	0.00E+00	1.49E+00	1.46E-06	1.38E-04	8.68E-04	0.00E+00	2.53E-03	1.13E-08	3.36E-10	1.67E-02	2.74E-04	9.71E-03	4.52E-04	1.96E-04	4.65E-02	1.01E+00	0.00E+00	1.34E-09	1.77E-09	2.03E-04	5.36E-06	1.35E-01	0.00E+00	1.01E+00	2.52E-09	1.01E+00	1.14E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	8.42E-03
VH12ET	2.19E-04	9.52E-02	1.60E-02	7.92E-02	0.00E+00	0.00E+00	1.00E+00	1.00E-06	9.31E-05	5.91E-04	0.00E+00	1.70E-03	7.59E-09	2.27E-10	1.19E-02	1.84E-04	6.01E-03	1.35E-03	1.40E-04	3.34E-02	6.88E-01	0.00E+00	9.07E-10	1.21E-09	1.38E-04	3.74E-06	9.27E-02	0.00E+00	6.88E-01	1.75E-09	6.88E-01	7.81E-01	9.27E-02	0.00E+00	0.00E+00	0.00E+00	6.02E-03
VH12NA	1.77E-04	7.87E-02	1.48E-02	6.39E-02	0.00E+00	0.00E+00	9.20E-01	8.75E-07	8.47E-05	5.26E-04	0.00E+00	1.56E-03	7.04E-09	2.06E-10	9.50E-03	1.70E-04	5.25E-03	0.00E+00	1.11E-04	2.62E-02	6.05E-01	0.00E+00	8.18E-10	1.06E-09	1.23E-04	3.14E-06	8.08E-02	0.00E+00	6.05E-01	1.48E-09	6.05E-01	6.86E-01	8.08E-02	0.00E+00	0.00E+00	0.00E+00	4.76E-03
VH12NC	1.77E-04	7.87E-02	1.48E-02	6.39E-02	0.00E+00	0.00E+00	9.20E-01	8.75E-07	8.47E-05	5.26E-04	0.00E+00	1.56E-03	7.04E-09	2.06E-10	9.51E-03	1.70E-04	5.26E-03	9.84E-06	1.11E-04	2.62E-02	6.06E-01	0.00E+00	8.18E-10	1.06E-09	1.23E-04	3.14E-06	8.08E-02	0.00E+00	6.06E-01	1.49E-09	6.06E-01	6.86E-01	8.08E-02	0.00E+00	0.00E+00	0.00E+00	4.76E-03
VH12NE	2.23E-04	9.89E-02	1.86E-02	8.02E-02	0.00E+00	0.00E+00	1.16E+00	1.10E-06	1.06E-04	6.61E-04	0.00E+00	1.95E-03	8.84E-09	2.58E-10	1.19E-02	2.14E-04	6.59E-03	0.00E+00	1.39E-04	3.29E-02	7.60E-01	0.00E+00	1.03E-09	1.33E-09	1.55E-04	3.94E-06	1.01E-01	0.00E+00	7.60E-01	1.87E-09	7.60E-01	8.62E-01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	5.98E-03
VH12NK	3.16E-06	7.82E-04	1.62E-03	8.37E-04	0.00E+00	0.00E+00	9.42E-02	5.19E-08	7.92E-06	3.98E-05	0.00E+00	1.53E-04	7.69E-10	1.88E-11	2.35E-04	1.86E-05	2.03E-04	2.62E-04	3.48E-06	1.04E-03	3.94E-02	0.00E+00	7.09E-11	6.21E-11	9.67E-06	7.76E-08	4.59E-03	0.00E+00	3.94E-02	5.15E-11	3.94E-02	4.40E-02	4.59E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-04
VH12NN	1.77E-04	7.87E-02	1.48E-02	6.39E-02	0.00E+00	0.00E+00	9.20E-01	8.75E-07	8.47E-05	5.26E-04	0.00E+00	1.56E-03	7.04E-09	2.06E-10	9.50E-03	1.70E-04	5.25E-03	0.00E+00	1.11E-04	2.62E-02	6.05E-01	0.00E+00	8.18E-10	1.06E-09	1.23E-04	3.14E-06	8.08E-02	0.00E+00	6.05E-01	1.48E-09	6.05E-01	6.86E-01	8.08E-02	0.00E+00	0.00E+00	0.00E+00	4.76E-03
VH24AT	2.47E-04	1.11E-01	2.10E-02	8.96E-02	0.00E+00	0.00E+00	1.30E+00	1.23E-06	1.20E-04	7.43E-04	0.00E+00	2.20E-03	9.96E-09	2.91E-10	1.33E-02	2.41E-04	7.35E-03	7.73E-05	1.55E-04	3.66E-02	8.54E-01	0.00E+00	1.16E-09	1.49E-09	1.74E-04	4.42E-06	1.14E-01	0.00E+00	8.54E-01	2.09E-09	8.54E-01	9.68E-01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	6.67E-03
VH24DKN	2.94E-04	1.36E-01	2.38E-02	1.12E-01	0.00E+00	0.00E+00	1.49E+00	1.46E-06	1.38E-04	8.67E-04	0.00E+00	2.52E-03	1.13E-08	3.35E-10	1.68E-02	2.74E-04	9.54E-03	1.57E-04	1.96E-04	4.66E-02	1.00E+00	0.00E+00	1.34E-09	1.77E-09	2.02E-04	5.35E-06	1.35E-01	0.00E+00	1.00E+00	2.52E-09	1.00E+00	1.14E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	8.43E-03
VH24EP	2.17E-04	9.89E-02	1.77E-02	8.11E-02	0.00E+00	0.00E+00	1.10E+00	1.07E-06	1.02E-04	6.40E-04	0.00E+00	1.87E-03	8.42E-09	2.48E-10	1.21E-02	2.04E-04	6.92E-03	1.60E-04	1.42E-04	3.37E-02	7.40E-01	0.00E+00	9.90E-10	1.30E-09	1.49E-04	3.91E-06	9.92E-02	0.00E+00	7.40E-01	1.84E-09	7.40E-01	8.39E-01	9.92E-02	0.00E+00	0.00E+00	0.00E+00	6.10E-03
VH24ET	1.59E-04	6.52E-02	1.12E-02	5.40E-02	0.00E+00	0.00E+00	6.99E-01	6.92E-07	6.49E-05	4.10E-04	0.00E+00	1.19E-03	5.31E-09	1.58E-10	8.12E-03	1.28E-04	2.95E-03	1.44E-03	9.52E-05	2.27E-02	4.77E-01	0.00E+00	6.31E-10	8.39E-10	9.56E-05	2.57E-06	6.41E-02	0.00E+00	4.77E-01	1.20E-09	4.77E-01	5.41E-01	6.41E-02	0.00E+00	0.00E+00	0.00E+00	4.09E-03
VH24NA	1.82E-04	8.07E-02	1.52E-02	6.55E-02	0.00E+00	0.00E+00	9.44E-01	8.97E-07	8.69E-05	5.40E-04	0.00E+00	1.60E-03	7.22E-09	2.11E-10	9.75E-03	1.75E-04	5.38E-03	0.00E+00	1.14E-04	2.68E-02	6.21E-01	0.00E+00	8.40E-10	1.09E-09	1.26E-04	3.22E-06	8.29E-02	0.00E+00	6.21E-01	1.52E-09	6.21E-01	7.04E-01	8.29E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-03
VH24NC	1.82E-04	8.08E-02	1.52E-02	6.56E-02	0.00E+00	0.00E+00	9.44E-01	8.98E-07	8.69E-05	5.40E-04	0.00E+00	1.60E-03	7.22E-09	2.11E-10	9.76E-03	1.75E-04	5.39E-03	9.84E-06	1.14E-04	2.69E-02	6.21E-01	0.00E+00	8.40E-10	1.09E-09	1.26E-04	3.22E-06	8.29E-02	0.00E+00	6.21E-01	1.52E-09	6.21E-01	7.04E-01	8.29E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-03
VH24NE	2.27E-04	1.01E-01	1.90E-02	8.19E-02	0.00E+00	0.00E+00	1.18E+00	1.12E-06	1.09E-04	6.75E-04	0.00E+00	1.99E-03	9.02E-09	2.64E-10	1.22E-02	2.18E-04	6.73E-03	0.00E+00	1.42E-04	3.35E-02	7.76E-01	0.00E+00	1.05E-09	1.36E-09	1.58E-04	4.02E-06	1.04E-01	0.00E+00	7.76E-01	1.90E-09	7.76E-01	8.80E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	6.10E-03
VH24NK	4.88E-05	2.17E-02	4.08E-03	1.76E-02	0.00E+00	0.00E+00	2.53E-01	2.41E-07	2.33E-05	1.45E-04	0.00E+00	4.28E-04	1.94E-09	5.66E-11	2.62E-03	4.69E-05	1.44E-03	0.00E+00	3.05E-05	7.20E-03	1.67E-01	0.00E+00	2.25E-10	2.92E-10	3.39E-05	8.64E-07	2.22E-02	0.00E+00	1.67E-01	4.09E-10	1.67E-01	1.89E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
VH24NN	1.82E-04	8.08E-02	1.52E-02	6.56E-02	0.00E+00	0.00E+00	9.44E-01	8.98E-07	8.69E-05	5.40E-04	0.00E+00	1.60E-03	7.22E-09	2.11E-10	9.76E-03	1.75E-04	5.39E-03	9.84E-06	1.14E-04	2.69E-02	6.21E-01	0.00E+00	8.40E-10	1.09E-09	1.26E-04	3.22E-06	8.29E-02	0.00E+00	6.21E-01	1.52E-09	6.21E-01	7.04E-01	8.29E-02	0.00E+00	0.00E+00	0.00E+00	4.88E-03
VH24NWB	1.13E-04	5.23E-02	9.07E-03	4.32E-02	0.00E+00	0.00E+00	5.67E-01	5.58E-07	5.25E-05	3.32E-04	0.00E+00	9.61E-04	4.31E-09	1.28E-10	6.49E-03	1.04E-04	4.25E-03	1.14E-03	7.60E-05	1.81E-02	3.85E-01	0.00E+00	5.11E-10	6.77E-10	7.73E-05	2.06E-06	5.17E-02	0.00E+00	3.85E-01	9.67E-10	3.85E-01	4.36E-01	5.17E-02	0.00E+00	0.00E+00	0.00E+00	3.26E-03

VH36AT	9.96E-04	4.54E-01	8.06E-02	3.73E-01	0.00E+00	0.00E+00	5.03E+00	4.90E-06	4.65E-04	2.92E-03	0.00E+00	8.52E-03	3.83E-08	1.13E-09	5.59E-02	9.26E-04	3.18E-02	2.53E-03	6.55E-04	1.55E-01	3.38E+00	0.00E+00	4.51E-09	5.94E-09	6.82E-04	1.80E-05	4.53E-01	0.00E+00	3.38E+00	8.44E-09	3.38E+00	3.83E+00	4.53E-01	0.00E+00	0.00E+00	0.00E+00	2.81E-02
VH36DKN	1.08E-04	4.73E-02	8.73E-03	3.86E-02	0.00E+00	0.00E+00	5.43E-01	5.20E-07	5.00E-05	3.12E-04	0.00E+00	9.18E-04	4.14E-09	1.22E-10	5.75E-03	1.00E-04	3.78E-03	2.96E-04	6.72E-05	1.59E-02	3.60E-01	0.00E+00	4.84E-10	6.31E-10	7.29E-05	1.88E-06	4.81E-02	0.00E+00	3.60E-01	8.88E-10	3.60E-01	4.08E-01	4.81E-02	0.00E+00	0.00E+00	0.00E+00	2.88E-03
VH36EP	4.71E-04	2.14E-01	3.76E-02	1.77E-01	0.00E+00	0.00E+00	2.35E+00	2.30E-06	2.18E-04	1.37E-03	0.00E+00	3.98E-03	1.79E-08	5.29E-10	2.65E-02	4.32E-04	1.54E-02	8.35E-04	3.10E-04	7.36E-02	1.59E+00	0.00E+00	2.11E-09	2.79E-09	3.20E-04	8.46E-06	2.13E-01	0.00E+00	1.59E+00	3.98E-09	1.59E+00	1.80E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	1.33E-02
VH36ET	1.92E-04	8.74E-02	1.38E-02	7.36E-02	0.00E+00	0.00E+00	8.67E-01	8.93E-07	8.11E-05	5.22E-04	0.00E+00	1.48E-03	6.54E-09	1.98E-10	1.12E-02	1.58E-04	4.84E-03	2.14E-03	1.31E-04	3.14E-02	6.11E-01	0.00E+00	7.94E-10	1.08E-09	1.21E-04	3.40E-06	8.28E-02	0.00E+00	6.11E-01	1.58E-09	6.11E-01	6.94E-01	8.28E-02	0.00E+00	0.00E+00	0.00E+00	5.64E-03
VH36NA	2.12E-04	9.39E-02	1.77E-02	7.62E-02	0.00E+00	0.00E+00	1.10E+00	1.04E-06	1.01E-04	6.28E-04	0.00E+00	1.86E-03	8.40E-09	2.45E-10	1.13E-02	2.03E-04	6.26E-03	0.00E+00	1.32E-04	3.12E-02	7.22E-01	0.00E+00	9.76E-10	1.26E-09	1.47E-04	3.75E-06	9.64E-02	0.00E+00	7.22E-01	1.77E-09	7.22E-01	8.19E-01	9.64E-02	0.00E+00	0.00E+00	0.00E+00	5.68E-03
VH36NC	2.12E-04	9.39E-02	1.77E-02	7.63E-02	0.00E+00	0.00E+00	1.10E+00	1.04E-06	1.01E-04	6.28E-04	0.00E+00	1.86E-03	8.40E-09	2.45E-10	1.13E-02	2.03E-04	6.27E-03	9.84E-06	1.32E-04	3.12E-02	7.23E-01	0.00E+00	9.77E-10	1.26E-09	1.47E-04	3.75E-06	9.64E-02	0.00E+00	7.23E-01	1.77E-09	7.23E-01	8.19E-01	9.64E-02	0.00E+00	0.00E+00	0.00E+00	5.68E-03
VH36NCT	2.91E-04	1.30E-01	2.04E-02	1.09E-01	0.00E+00	0.00E+00	1.29E+00	1.32E-06	1.20E-04	7.74E-04	0.00E+00	2.19E-03	9.70E-09	2.94E-10	1.66E-02	2.35E-04	1.01E-02	1.63E-01	1.95E-04	4.67E-02	9.07E-01	0.00E+00	1.18E-09	1.61E-09	1.80E-04	5.05E-06	1.23E-01	0.00E+00	9.07E-01	2.35E-09	9.07E-01	1.03E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	8.38E-03
VH36NE	2.57E-04	1.14E-01	2.15E-02	9.26E-02	0.00E+00	0.00E+00	1.33E+00	1.27E-06	1.23E-04	7.63E-04	0.00E+00	2.26E-03	1.02E-08	2.98E-10	1.38E-02	2.47E-04	7.61E-03	0.00E+00	1.61E-04	3.79E-02	8.78E-01	0.00E+00	1.19E-09	1.54E-09	1.78E-04	4.55E-06	1.17E-01	0.00E+00	8.78E-01	2.15E-09	8.78E-01	9.95E-01	1.17E-01	0.00E+00	0.00E+00	0.00E+00	6.90E-03
VH36NK	4.89E-05	2.17E-02	4.08E-03	1.76E-02	0.00E+00	0.00E+00	2.54E-01	2.41E-07	2.33E-05	1.45E-04	0.00E+00	4.29E-04	1.94E-09	5.67E-11	2.62E-03	4.69E-05	1.45E-03	0.00E+00	3.05E-05	7.21E-03	1.67E-01	0.00E+00	2.26E-10	2.92E-10	3.39E-05	8.65E-07	2.23E-02	0.00E+00	1.67E-01	4.09E-10	1.67E-01	1.89E-01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
VH36NKM	2.08E-05	1.51E-03	7.13E-03	8.64E-03	0.00E+00	0.00E+00	4.11E-01	2.01E-07	3.40E-05	1.64E-04	0.00E+00	6.65E-04	3.39E-09	8.05E-11	1.84E-03	8.20E-05	1.83E-03	1.91E-03	2.52E-05	7.07E-03	1.57E-01	0.00E+00	3.01E-10	2.39E-10	4.02E-05	1.74E-07	1.75E-02	0.00E+00	1.57E-01	1.56E-10	1.57E-01	1.74E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
VH36NN	2.12E-04	9.39E-02	1.77E-02	7.63E-02	0.00E+00	0.00E+00	1.10E+00	1.04E-06	1.01E-04	6.28E-04	0.00E+00	1.86E-03	8.40E-09	2.45E-10	1.13E-02	2.03E-04	6.27E-03	9.84E-06	1.32E-04	3.12E-02	7.23E-01	0.00E+00	9.77E-10	1.26E-09	1.47E-04	3.75E-06	9.64E-02	0.00E+00	7.23E-01	1.77E-09	7.23E-01	8.19E-01	9.64E-02	0.00E+00	0.00E+00	0.00E+00	5.68E-03
VH36NW	2.23E-04	1.03E-01	1.81E-02	8.46E-02	0.00E+00	0.00E+00	1.13E+00	1.11E-06	1.05E-04	6.58E-04	0.00E+00	1.91E-03	8.59E-09	2.54E-10	1.27E-02	2.08E-04	8.08E-03	1.85E-03	1.49E-04	3.53E-02	7.62E-01	0.00E+00	1.01E-09	1.34E-09	1.53E-04	4.06E-06	1.02E-01	0.00E+00	7.62E-01	1.91E-09	7.62E-01	8.64E-01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	6.38E-03
VH36NWB	2.19E-04	1.10E-01	1.47E-02	9.57E-02	0.00E+00	0.00E+00	9.37E-01	1.05E-06	8.93E-05	5.95E-04	0.00E+00	1.61E-03	6.96E-09	2.19E-10	1.47E-02	1.68E-04	1.01E-02	4.07E-03	1.74E-04	4.21E-02	7.10E-01	0.00E+00	8.87E-10	1.27E-09	1.37E-04	4.21E-06	9.75E-02	0.00E+00	7.10E-01	1.93E-09	7.10E-01	8.08E-01	9.75E-02	0.00E+00	0.00E+00	0.00E+00	7.49E-03
VH36NWP	2.35E-04	1.08E-01	2.06E-02	8.73E-02	0.00E+00	0.00E+00	1.28E+00	1.21E-06	1.17E-04	7.28E-04	0.00E+00	2.16E-03	9.78E-09	2.85E-10	1.30E-02	2.37E-04	7.98E-03	1.62E-03	1.51E-04	3.56E-02	8.36E-01	0.00E+00	1.13E-09	1.46E-09	1.70E-04	4.31E-06	1.11E-01	0.00E+00	8.36E-01	2.04E-09	8.36E-01	9.48E-01	1.11E-01	0.00E+00	0.00E+00	0.00E+00	6.48E-03
VH36WWH	2.53E-05	1.57E-03	2.66E-04	1.83E-03	0.00E+00	0.00E+00	1.41E-02	9.57E-10	1.01E-06	2.67E-06	0.00E+00	2.15E-05	1.26E-10	2.29E-12	3.14E-04	3.06E-06	4.90E-03	3.61E-03	3.95E-06	1.02E-03	6.79E-04	0.00E+00	7.63E-12	1.46E-12	7.67E-07	4.48E-08	1.65E-04	0.00E+00	6.79E-04	1.56E-11	6.79E-04	5.14E-04	1.65E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
VH48AT	2.12E-04	9.40E-02	1.77E-02	7.63E-02	0.00E+00	0.00E+00	1.10E+00	1.04E-06	1.01E-04	6.29E-04	0.00E+00	1.86E-03	8.41E-09	2.46E-10	1.14E-02	2.03E-04	6.28E-03	9.84E-06	1.32E-04	3.13E-02	7.23E-01	0.00E+00	9.77E-10	1.27E-09	1.47E-04	3.75E-06	9.65E-02	0.00E+00	7.23E-01	1.77E-09	7.23E-01	8.20E-01	9.65E-02	0.00E+00	0.00E+00	0.00E+00	5.69E-03
VH48DKN	4.68E-05	2.04E-02	3.38E-03	1.70E-02	0.00E+00	0.00E+00	2.12E-01	2.13E-07	1.97E-05	1.26E-04	0.00E+00	3.60E-04	1.61E-09	4.81E-11	2.57E-03	3.88E-05	1.65E-03	1.52E-04	3.02E-05	7.20E-03	1.47E-01	0.00E+00	1.93E-10	2.59E-10	2.93E-05	8.00E-07	1.98E-02	0.00E+00	1.47E-01	3.74E-10	1.47E-01	1.66E-01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	1.30E-03
VH48EP	4.70E-04	2.15E-01	3.71E-02	1.77E-01	0.00E+00	0.00E+00	2.32E+00	2.29E-06	2.15E-04	1.36E-03	0.00E+00	3.93E-03	1.76E-08	5.23E-10	2.66E-02	4.26E-04	1.55E-02	1.03E-03	3.12E-04	7.43E-02	1.58E+00	0.00E+00	2.09E-09	2.77E-09	3.16E-04	8.45E-06	2.12E-01	0.00E+00	1.58E+00	3.97E-09	1.58E+00	1.79E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00	1.34E-02
VH48ET	8.77E-04	3.99E-01	6.84E-02	3.31E-01	0.00E+00	0.00E+00	4.28E+00	4.24E-06	3.97E-04	2.51E-03	0.00E+00	7.26E-03	3.25E-08	9.67E-10	4.97E-02	7.86E-04	2.60E-02	5.09E-03	5.83E-04	1.39E-01	2.92E+00	0.00E+00	3.86E-09	5.14E-09	5.86E-04	1.57E-05	3.92E-01	0.00E+00	2.92E+00	7.37E-09	2.92E+00	3.31E+00	3.92E-01	0.00E+00	0.00E+00	0.00E+00	2.51E-02
VH48MMV	1.39E-04	1.22E-01	2.05E-02	1.02E-01	0.00E+00	0.00E+00	1.28E+00	1.28E-06	1.19E-04	7.58E-04	0.00E+00	2.18E-03	9.71E-09	2.90E-10	1.54E-02	2.35E-04	2.56E-02	3.50E-03	1.81E-04	4.30E-02	8.83E-01	0.00E+00	1.16E-09	1.56E-09	1.77E-04	4.80E-06	1.19E-01	0.00E+00	8.83E-01	2.25E-09	8.83E-01	1.00E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-03
VH48NA	2.12E-04	9.40E-02	1.77E-02	7.63E-02	0.00E+00	0.00E+00	1.10E+00	1.04E-06	1.01E-04	6.29E-04	0.00E+00	1.86E-03	8.41E-09	2.46E-10	1.13E-02	2.03E-04	6.27E-03	0.00E+00	1.32E-04	3.12E-02	7.23E-01	0.00E+00	9.77E-10	1.27E-09	1.47E-04	3.75E-06	9.65E-02	0.00E+00	7.23E-01	1.77E-09	7.23E-01	8.19E-01	9.65E-02	0.00E+00	0.00E+00	0.00E+00	5.68E-03
VH48NC	2.12E-04	9.40E-02	1.77E-02	7.63E-02	0.00E+00	0.00E+00	1.10E+00	1.04E-06	1.01E-04	6.29E-04	0.00E+00	1.86E-03	8.41E-09	2.46E-10	1.14E-02	2.03E-04	6.28E-03	9.84E-06	1.32E-04	3.13E-02	7.23E-01	0.00E+00	9.77E-10	1.27E-09	1.47E-04	3.75E-06	9.65E-02	0.00E+00	7.23E-01	1.77E-09	7.23E-01	8.20E-01	9.65E-02	0.00E+00	0.00E+00	0.00E+00	5.69E-03
VH48NE	2.57E-04	1.14E-01	2.15E-02	9.26E-02	0.00E+00	0.00E+00	1.33E+00	1.27E-06	1.23E-04	7.64E-04	0.00E+00	2.26E-03	1.02E-08	2.98E-10	1.38E-02	2.47E-04	7.61E-03	0.00E+00	1.61E-04	3.80E-02	8.78E-01	0.00E+00	1.19E-09	1.54E-09	1.78E-04	4.55E-06	1.17E-01	0.00E+00	8.78E-01	2.15E-09	8.78E-01	9.95E-01	1.17E-01	0.00E+00	0.00E+00	0.00E+00	6.90E-03
VH48NK	4.90E-05	2.18E-02	4.10E-03	1.77E-02	0.00E+00	0.00E+00	2.54E-01	2.42E-07	2.34E-05	1.46E-04	0.00E+00	4.30E-04	1.95E-09	5.69E-11	2.63E-03	4.71E-05	1.45E-03	0.00E+00	3.06E-05	7.23E-03	1.67E-01	0.00E+00	2.26E-10	2.93E-10	3.40E-05	8.68E-07	2.23E-02	0.00E+00	1.67E-01	4.10E-10	1.67E-01	1.90E-01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
VH48NKM	1.03E-04	4.55E-02	8.56E-03	3.69E-02	0.00E+00	0.00E+00	5.32E-01	5.05E-07	4.89E-05	3.04E-04	0.00E+00	8.99E-04	4.07E-09	1.19E-10	5.49E-03	9.84E-05	3.03E-03	0.00E+00	6.40E-05	1.51E-02	3.50E-01	0.00E+00	4.73E-10	6.12E-10	7.11E-05	1.81E-06	4.67E-02	0.00E+00	3.50E-01	8.58E-10	3.50E-01	3.97E-01	4.67E-02	0.00E+00	0.00E+00	0.00E+00	2.75E-03
VH48NMB	1.70E-03	7.57E-01	1.42E-01	6.15E-01	0.00E+00	0.00E+00	8.80E+00	8.39E-06	8.11E-04	5.04E-03	0.00E+00	1.49E-02	6.73E-08	1.97E-09	9.16E-02	1.63E-03	5.12E-02	1.15E-03	1.07E-03	2.52E-01	5.80E+00	0.00E+00	7.84E-09	1.02E-08	1.18E-03	3.02E-05	7.75E-01	0.00E+00	5.80E+00	1.43E-08	5.80E+00	6.58E+00	7.75E-01	0.00E+00	0.00E+00	0.00E+00	4.59E-02
VH48NN	3.17E-04	1.41E-01	2.65E-02	1.14E-01	0.00E+00	0.00E+00	1.64E+00	1.56E-06	1.51E-04	9.40E-04	0.00E+00	2.78E-03	1.26E-08	3.67E-10	1.70E-02	3.04E-04	9.38E-03	9.84E-06	1.98E-04	4.67E-02	1.08E+00	0.00E+00	1.46E-09	1.89E-09	2.20E-04	5.60E-06	1.44E-01	0.00E+00	1.08E+00	2.65E-09	1.08E+00	1.23E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	8.50E-03
VH48NRM	6.90E-06	1.22E-03	2.92E-03	4.14E-03	0.00E+00	0.00E+00	1.68E-01	7.90E-08	1.39E-05	6.58E-05	0.00E+00	2.71E-04	1.39E-09	3.27E-11	8.52E-04	3.36E-05	1.08E-03	1.51E-01	1.15E-05	3.20E-03	6.22E-02	0.00E+00	1.22E-10	9.40E-11	1.62E-05	5.08E-08	6.86E-03	0.00E+00	6.22E-02	5.57E-11	6.22E-02	6.91E-02	6.86E-03	0.00E+00	0.00E+00	0.00E+00	4.95E-04
VH48NW	2.23E-04	1.03E-01	1.81E-02	8.47E-02	0.00E+00	0.00E+00	1.13E+00	1.11E-06	1.05E-04	6.58E-04	0.00E+00	1.92E-03	8.60E-09	2.54E-10	1.27E-02	2.08E-04	8.09E-03	1.85E-03	1.49E-04	3.53E-02	7.63E-01	0.00E+00	1.02E-09	1.34E-09	1.54E-04	4.06E-06	1.02E-01	0.00E+00	7.63E-01	1.91E-09	7.63E-01	8.65E-01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	6.38E-03
VH48NWB	2.51E-04	1.24E-01	1.62E-02	1.08E-01	0.00E+00	0.00E+00	1.04E+00	1.17E-06	9.92E-05	6.63E-04	0.00E+00	1.78E-03	7.70E-09	2.43E-10	1.66E-02	1.86E-04	1.13E-02	4.76E-03	1.97E-04	4.77E-02	7.93E-01	0.00E+00	9.86E-10	1.42E-09	1.53E-04	4.73E-06	1.09E-01	0.00E+00	7.93E-01	2.17E-09	7.93E-01	9.02E-01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	8.47E-03
VH48NWP	2.65E-04	1.22E-01	2.25E-02	9.92E-02	0.00E+00	0.00E+00	1.40E+00	1.34E-06	1.29E-04	8.03E-04	0.00E+00	2.36E-03	1.07E-08	3.13E-10	1.48E-02	2.58E-04	8.90E-03	2.11E-03	1.73E-04	4.08E-02	9.26E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.84E-06	1.24E-01	0.00E+00	9.26E-01	2.28E-09	9.26E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.41E-03
VH48WWH	2.37E-04	1.17E-01	1.81E-02	9.90E-02	0.00E+00	0.00E+00	1.14E+00	1.19E-06	1.07E-04	6.91E-04	0.00E+00	1.95E-03	8.60E-09	2.61E-10	1.50E-02	2.08E-04	1.17E-02	5.85E-03	1.77E-04	4.24E-02	8.12E-01	0.00E+00	1.05E-09	1.44E-09	1.61E-04	4.55E-06	1.10E-01	0.00E+00	8.12E-01	2.11E-09	8.12E-01	9.22E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	7.61E-03
VH48WWV	1.70E-04	1.23E-01	2.01E-02	1.03E-01	0.00E+00	0.00E+00	1.26E+00	1.27E-06	1.17E-04	7.49E-04	0.00E+00	2.14E-03	9.53E-09	2.86E-10	1.55E-02	2.30E-04	2.26E-02	6.64E-03	1.82E-04	4.35E-02	8.75E-01	0.00E+00	1.15E-09	1.54E-09	1.74E-04	4.80E-06	1.18E-01	0.00E+00	8.75E-01	2.24E-09	8.75E-01	9.93E-01	1.18E-01	0.00E+00	0.00E+00	0.00E+00	7.82E-03
VH602NWH	2.89E-04	1.22E-01	2.16E-02	1.00E-01	0.00E+00	0.00E+00	1.34E+00	1.31E-06	1.24E-04	7.83E-04	0.00E+00	2.28E-03	1.02E-08	3.03E-10	1.51E-02	2.48E-04	1.01E-02	3.05E-03	1.76E-04	4.18E-02	9.06E-01	0.00E+00	1.21E-09	1.59E-09	1.83E-04	4.82E-06	1.22E-01	0.00E+00	9.06E-01	2.27E-09	9.06E-01	1.03E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-03
VH602WWH	3.49E-04	1.72E-01	2.67E-02	1.46E-01	0.00E+00	0.00E+00	1.68E+00	1.75E-06	1.58E-04	1.02E-03	0.00E+00	2.86E-03	1.27E-08	3.84E-10	2.21E-02	3.06E-04	1.72E-02	8.60E-03	2.61E-04	6.24E-02	1.19E+00	0.00E+00	1.54E-09	2.12E-09	2.36E-04	6.69E-06	1.62E-01	0.00E+00	1.19E+00	3.11E-09	1.19E+00	1.36E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	1.12E-02
VH603NWH	2.86E-04	1.22E-01	2.24E-02	9.93E-02	0.00E+00	0.00E+00	1.39E+00	1.34E-06	1.28E-04	8.02E-04	0.00E+00	2.36E-03	1.06E-08	3.12E-10	1.48E-02	2.57E-04	9.93E-03	2.62E-03	1.73E-04	4.09E-02	9.24E-01	0.00E+00	1.24E-09	1.62E-09	1.87E-04	4.84E-06	1.24E-01	0.00E+00	9.24E-01	2.28E-09	9.24E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.43E-03
VH603WWH	2.72E-04	1.22E-01	2.12E-02	1.01E-01	0.00E+00	0.00E+00	1.32E+00	1.30E-06	1.23E-04	7.74E-04	0.00E+00	2.24E-03	1.01E-08	2.98E-10	1.52E-02	2.43E-04	1.26E-02	6.10E-03	1.78E-04	4.22E-02	8.98E-01	0.00E+00	1.19E-09	1.58E-09	1.81E-04	4.81E-06	1.21E-01	0.00E+00	8.98E-01	2.26E-09	8.98E-01	1.02E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	7.63E-03
VH60AT	3.02E-04	1.35E-01	2.50E-02	1.10E-01	0.00E+00	0.00E+00	1.56E+00	1.49E-06	1.43E-04	8.94E-04	0.00E+00	2.63E-03	1.19E-08	3.48E-10	1.64E-02	2.87E-04	9.19E-03	4.27E-04	1.92E-04	4.53E-02	1.03E+00	0.00E+00	1.39E-09	1.80E-09	2.09E-04	5.38E-06	1.38E-01	0.00E+00	1.03E+00	2.54E-09	1.03E+00	1.17E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	8.23E-03
VH60DKN	7.30E-06	1.20E-03	6.08E-04	5.94E-04	0.00E+00	0.00E+00	3.61E-02	2.46E-08	3.13E-06	1.70E-05	0.00E+00	5.95E-05	2.89E-10	7.49E-12	5.98E-05	6.99E-06	7.02E-06	2.51E-04	5.04E-07	6.16E-05	1.79E-02	0.00E+00	2.88E-11	2.95E-11	4.07E-06	6.00E-08	2.22E-03	0.00E+00	1.79E-02	3.22E-11	1.79E-02	2.01E-02	2.22E-03	0.00E+00	0.00E+00	0.00E+00	2.16E-05
VH60EP	1.22E-03	5.56E-01	9.86E-02	4.57E-01	0.00E+00	0.00E+00	6.15E+00	6.00E-06	5.69E-04	3.58E-03	0.00E+00	1.04E-02	4.68E-08	1.38E-09	6.84E-02	1.13E-03	3.89E-02	3.20E-03	8.01E-04	1.90E-01	4.14E+00	0.00E+00	5.52E-09	7.27E-09	8.34E-04	2.20E-05	5.55E-01	0.00E+00	4.14E+00	1.03E-08	4.14E+00	4.69E+00	5.55E-01	0.00E+00	0.00E+00	0.00E+00	3.44E-02
VH60ET	2.18E-06	8.00E-04	1.58E-03	7.77E-04	0.00E+00	0.00E+00	9.17E-02	5.07E-08	7.72E-06	3.88E-05	0.00E+00	1.49E-04	7.49E-10	1.83E-11	2.22E-04	1.81E-05	5.12E-04	5.88E-04	3.31E-06	9.96E-04	3.85E-02	0.00E+00	6.92E-11	6.07E-11	9.43E-06	7.69E-08	4.49E-03	0.00E+00	3.85E-02	5.07E-11	3.85E-02	4.30E-02	4.49E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-04
VH60MMV	1.33E-04	1.23E-01	1.98E-02	1.03E-01	0.00E+00	0.00E+00	1.24E+00	1.27E-06	1.16E-04	7.43E-04	0.00E+00	2.12E-03	9.40E-09	2.83E-10	1.56E-02	2.27E-04	2.58E-02	3.55E-03	1.83E-04	4.37E-02	8.69E-01	0.00E+00	1.13E-09	1.54E-09	1.73E-04	4.79E-06	1.17E-01	0.00E+00	8.69E-01	2.23E-09	8.69E-01	9.86E-01	1.17E-01	0.00E+00	0.00E+00	0.00E+00	7.86E-03
VH60NA	2.42E-04	1.07E-01	2.02E-02	8.70E-02	0.00E+00	0.00E+00	1.25E+00	1.19E-06	1.15E-04	7.17E-04	0.00E+00	2.12E-03	9.58E-09	2.80E-10	1.29E-02	2.32E-04	7.15E-03	9.84E-06	1.51E-04	3.56E-02	8.24E-01	0.00E+00	1.11E-09	1.44E-09	1.68E-04	4.27E-06	1.10E-01	0.00E+00	8.24E-01	2.02E-09	8.24E-01	9.34E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.48E-03
VH60NE	7.45E-04	3.38E-01	6.15E-02	2.77E-01	0.00E+00	0.00E+00	3.83E+00	3.69E-06	3.53E-04	2.21E-03	0.00E+00	6.48E-03	2.92E-08	8.59E-10	4.13E-02	7.06E-04	2.29E-02	2.21E-03	4.83E-04	1.14E-01	2.55E+00	0.00E+00	3.42E-09	4.48E-09	5.16E-04	1.34E-05	3.41E-01	0.00E+00	2.55E+00	6.33E-09	2.55E+00	2.89E+00	3.41E-01	0.00E+00	0.00E+00	0.00E+00	2.07E-02
VH60NK	4.88E-05	2.16E-02	4.08E-03	1.76E-02	0.00E+00	0.00E+00	2.53E-01	2.41E-07	2.33E-05	1.45E-04	0.00E+00	4.28E-04	1.94E-09	5.66E-11	2.61E-03	4.68E-05	1.44E-03	0.00E+00	3.05E-05	7.20E-03	1.67E-01	0.00E+00	2.25E-10	2.91E-10	3.38E-05	8.63E-07	2.22E-02	0.00E+00	1.67E-01	4.08E-10	1.67E-01	1.89E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
VH60NKM	6.02E-04	2.69E-01	5.39E-02	2.15E-01	0.00E+00	0.00E+00	3.33E+00	3.08E-06	3.05E-04	1.87E-03	0.00E+00	5.62E-03	2.56E-08	7.40E-10	3.17E-02	6.19E-04	1.73E-02	1.65E-05	3.68E-04	8.64E-02	2.14E+00	0.00E+00	2.93E-09	3.73E-09	4.39E-04	1.08E-05	2.84E-01	0.00E+00	2.14E+00	5.15E-09	2.14E+00	2.43E+00	2.84E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
VH60NN	2.42E-04	1.07E-01	2.02E-02	8.70E-02	0.00E+00	0.00E+00	1.25E+00	1.19E-06	1.15E-04	7.17E-04	0.00E+00	2.12E-03	9.58E-09	2.80E-10	1.29E-02	2.32E-04	7.15E-03	9.84E-06	1.51E-04	3.56E-02	8.24E-01	0.00E+00	1.11E-09	1.44E-09	1.68E-04	4.27E-06	1.10E-01	0.00E+00	8.24E-01	2.02E-09	8.24E-01	9.34E-01	1.10E-01	0.00E+00	0.00E+00	0.00E+00	6.48E-03
VH60NW	2.23E-04	1.03E-01	1.81E-02	8.47E-02	0.00E+00	0.00E+00	1.13E+00	1.11E-06	1.05E-04	6.59E-04	0.00E+00	1.92E-03	8.60E-09	2.55E-10	1.27E-02	2.08E-04	8.09E-03	1.85E-03	1.49E-04	3.53E-02	7.63E-01	0.00E+00	1.02E-09	1.34E-09	1.54E-04	4.06E-06	1.02E-01	0.00E+00	7.63E-01	1.91E-09	7.63E-01	8.65E-01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	6.38E-03
VH60NWB	2.52E-04	1.24E-01	1.62E-02	1.08E-01	0.00E+00	0.00E+00	1.04E+00	1.17E-06	9.91E-05	6.62E-04	0.00E+00	1.78E-03	7.69E-09	2.43E-10	1.66E-02	1.86E-04	1.09E-02	4.95E-03	1.97E-04	4.77E-02	7.92E-01	0.00E+00	9.85E-10	1.42E-09	1.53E-04	4.73E-06	1.09E-01	0.00E+00	7.92E-01	2.16E-09	7.92E-01	9.01E-01	1.09E-01	0.00E+00	0.00E+00	0.00E+00	8.47E-03
VH60NWP	2.68E-04	1.22E-01	2.21E-02	9.97E-02	0.00E+00	0.00E+00	1.38E+00	1.33E-06	1.27E-04	7.95E-04	0.00E+00	2.33E-03	1.05E-08	3.09E-10	1.49E-02	2.54E-04	8.81E-03	2.46E-03	1.74E-04	4.12E-02	9.18E-01	0.00E+00	1.23E-09	1.61E-09	1.86E-04	4.83E-06	1.23E-01	0.00E+00	9.18E-01	2.28E-09	9.18E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.47E-03
VH60WWH	1.96E-04	9.70E-02	1.53E-02	8.16E-02	0.00E+00	0.00E+00	9.63E-01	9.91E-07	9.01E-05	5.79E-04	0.00E+00	1.64E-03	7.27E-09	2.20E-10	1.24E-02	1.76E-04	1.04E-02	6.03E-03	1.46E-04	3.48E-02	6.79E-01	0.00E+00	8.82E-10	1.20E-09	1.35E-04	3.77E-06	9.19E-02	0.00E+00	6.79E-01	1.76E-09	6.79E-01	7.71E-01	9.19E-02	0.00E+00	0.00E+00	0.00E+00	6.26E-03
VH60WWV	1.67E-04	1.23E-01	1.93E-02	1.04E-01	0.00E+00	0.00E+00	1.22E+00	1.25E-06	1.14E-04	7.32E-04	0.00E+00	2.07E-03	9.17E-09	2.77E-10	1.57E-02	2.22E-04	2.27E-02	6.77E-03	1.85E-04	4.43E-02	8.58E-01	0.00E+00	1.11E-09	1.52E-09	1.70E-04	4.78E-06	1.16E-01	0.00E+00	8.58E-01	2.22E-09	8.58E-01	9.75E-01	1.16E-01	0.00E+00	0.00E+00	0.00E+00	7.95E-03
VR108NE	1.22E-05	1.13E-03	7.75E-04	3.58E-04	0.00E+00	0.00E+00	4.57E-02	2.91E-08	3.92E-06	2.08E-05	0.00E+00	7.50E-05	3.68E-10	9.36E-12	1.13E-05	8.91E-06	6.82E-04	8.05E-04	1.54E-07	1.21E-04	2.15E-02	0.00E+00	3.57E-11	3.49E-11	4.99E-06	6.29E-08	2.61E-03	0.00E+00	2.15E-02	3.54E-11	2.15E-02	2.41E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	6.67E-06
VR108NH	1.25E-04	5.00E-02	9.16E-03	4.09E-02	0.00E+00	0.00E+00	5.70E-01	5.48E-07	5.26E-05	3.29E-04	0.00E+00	9.65E-04	4.35E-09	1.28E-10	6.10E-03	1.05E-04	4.25E-03	2.50E-05	7.13E-05	1.69E-02	3.79E-01	0.00E+00	5.09E-10	6.65E-10	7.67E-05	1.99E-06	5.07E-02	0.00E+00	3.79E-01	9.38E-10	3.79E-01	4.30E-01	5.07E-02	0.00E+00	0.00E+00	0.00E+00	3.06E-03
VR108NP	2.97E-04	1.33E-01	2.42E-02	1.08E-01	0.00E+00	0.00E+00	1.51E+00	1.45E-06	1.39E-04	8.70E-04	0.00E+00	2.55E-03	1.15E-08	3.38E-10	1.62E-02	2.78E-04	9.86E-03	1.75E-03	1.89E-04	4.47E-02	1.00E+00	0.00E+00	1.35E-09	1.76E-09	2.03E-04	5.26E-06	1.34E-01	0.00E+00	1.00E+00	2.48E-09	1.00E+00	1.14E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	8.11E-03
VR108PP	2.77E-04	1.26E-01	2.27E-02	1.04E-01	0.00E+00	0.00E+00	1.41E+00	1.37E-06	1.31E-04	8.19E-04	0.00E+00	2.39E-03	1.08E-08	3.17E-10	1.55E-02	2.60E-04	9.51E-03	1.65E-03	1.81E-04	4.30E-02	9.46E-01	0.00E+00	1.27E-09	1.66E-09	1.91E-04	5.00E-06	1.27E-01	0.00E+00	9.46E-01	2.36E-09	9.46E-01	1.07E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	7.78E-03
VR108TD	3.86E-05	1.31E-02	3.53E-03	9.56E-03	0.00E+00	0.00E+00	2.15E-01	1.77E-07	1.92E-05	1.13E-04	0.00E+00	3.58E-04	1.68E-09	4.63E-11	1.34E-03	4.06E-05	1.31E-03	1.03E-03	1.51E-05	3.41E-03	1.25E-01	0.00E+00	1.81E-10	2.13E-10	2.66E-05	5.55E-07	1.62E-02	0.00E+00	1.25E-01	2.73E-10	1.25E-01	1.41E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	6.49E-04
VR108TF	3.25E-04	1.44E-01	2.64E-02	1.17E-01	0.00E+00	0.00E+00	1.64E+00	1.58E-06	1.52E-04	9.46E-04	0.00E+00	2.78E-03	1.25E-08	3.68E-10	1.75E-02	3.03E-04	1.06E-02	1.90E-03	2.05E-04	4.84E-02	1.09E+00	0.00E+00	1.47E-09	1.91E-09	2.21E-04	5.72E-06	1.46E-01	0.00E+00	1.09E+00	2.70E-09	1.09E+00	1.24E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	8.79E-03
VR108TP	2.62E-04	1.17E-01	2.14E-02	9.54E-02	0.00E+00	0.00E+00	1.33E+00	1.28E-06	1.23E-04	7.67E-04	0.00E+00	2.25E-03	1.02E-08	2.99E-10	1.42E-02	2.46E-04	8.79E-03	1.69E-03	1.66E-04	3.94E-02	8.85E-01	0.00E+00	1.19E-09	1.55E-09	1.79E-04	4.64E-06	1.18E-01	0.00E+00	8.85E-01	2.19E-09	8.85E-01	1.00E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	7.14E-03
VR112NE	4.14E-04	1.74E-01	3.13E-02	1.43E-01	0.00E+00	0.00E+00	1.95E+00	1.89E-06	1.80E-04	1.13E-03	0.00E+00	3.30E-03	1.48E-08	4.38E-10	2.14E-02	3.59E-04	1.32E-02	2.37E-03	2.51E-04	5.94E-02	1.31E+00	0.00E+00	1.75E-09	2.29E-09	2.64E-04	6.91E-06	1.75E-01	0.00E+00	1.31E+00	3.25E-09	1.31E+00	1.48E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	1.08E-02
VR112NH	2.37E-05	3.84E-04	9.24E-04	1.31E-03	0.00E+00	0.00E+00	5.31E-02	2.50E-08	4.38E-06	2.08E-05	0.00E+00	8.57E-05	4.39E-10	1.03E-11	2.69E-04	1.06E-05	5.88E-04	7.44E-04	3.64E-06	1.01E-03	1.97E-02	0.00E+00	3.85E-11	2.97E-11	5.11E-06	1.61E-08	2.17E-03	0.00E+00	1.97E-02	1.76E-11	1.97E-02	2.18E-02	2.17E-03	0.00E+00	0.00E+00	0.00E+00	1.57E-04
VR112PD	4.53E-04	1.96E-01	3.69E-02	1.59E-01	0.00E+00	0.00E+00	2.29E+00	2.18E-06	2.11E-04	1.31E-03	0.00E+00	3.87E-03	1.75E-08	5.12E-10	2.37E-02	4.24E-04	1.38E-02	2.07E-03	2.76E-04	6.52E-02	1.51E+00	0.00E+00	2.04E-09	2.64E-09	3.06E-04	7.82E-06	2.01E-01	0.00E+00	1.51E+00	3.70E-09	1.51E+00	1.71E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	1.18E-02
VR112PP	3.84E-04	1.76E-01	3.13E-02	1.45E-01	0.00E+00	0.00E+00	1.95E+00	1.90E-06	1.80E-04	1.13E-03	0.00E+00	3.30E-03	1.48E-08	4.39E-10	2.17E-02	3.59E-04	1.36E-02	2.84E-03	2.54E-04	6.03E-02	1.31E+00	0.00E+00	1.75E-09	2.30E-09	2.64E-04	6.97E-06	1.76E-01	0.00E+00	1.31E+00	3.28E-09	1.31E+00	1.49E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	1.09E-02
VR112TD	5.39E-05	1.25E-02	4.86E-03	7.67E-03	0.00E+00	0.00E+00	2.91E-01	2.13E-07	2.55E-05	1.43E-04	0.00E+00	4.82E-04	2.31E-09	6.12E-11	9.54E-04	5.59E-05	9.04E-04	8.74E-04	9.86E-06	1.95E-03	1.53E-01	0.00E+00	2.37E-10	2.56E-10	3.39E-05	5.79E-07	1.93E-02	0.00E+00	1.53E-01	2.99E-10	1.53E-01	1.72E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	4.23E-04
VR112TP	4.36E-04	1.88E-01	3.55E-02	1.53E-01	0.00E+00	0.00E+00	2.20E+00	2.09E-06	2.03E-04	1.26E-03	0.00E+00	3.73E-03	1.69E-08	4.93E-10	2.27E-02	4.08E-04	1.33E-02	2.03E-03	2.65E-04	6.25E-02	1.45E+00	0.00E+00	1.96E-09	2.54E-09	2.95E-04	7.50E-06	1.93E-01	0.00E+00	1.45E+00	3.55E-09	1.45E+00	1.64E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	1.14E-02
VR118NE	5.03E-04	2.13E-01	3.79E-02	1.75E-01	0.00E+00	0.00E+00	2.36E+00	2.30E-06	2.18E-04	1.37E-03	0.00E+00	4.00E-03	1.80E-08	5.31E-10	2.62E-02	4.35E-04	1.64E-02	3.31E-03	3.07E-04	7.28E-02	1.59E+00	0.00E+00	2.12E-09	2.79E-09	3.20E-04	8.42E-06	2.13E-01	0.00E+00	1.59E+00	3.96E-09	1.59E+00	1.80E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	1.32E-02
VR118NH	2.50E-05	5.01E-04	1.20E-03	1.71E-03	0.00E+00	0.00E+00	6.92E-02	3.26E-08	5.71E-06	2.71E-05	0.00E+00	1.12E-04	5.73E-10	1.35E-11	3.51E-04	1.39E-05	6.28E-04	6.42E-04	4.75E-06	1.32E-03	2.56E-02	0.00E+00	5.02E-11	3.87E-11	6.67E-06	2.10E-08	2.83E-03	0.00E+00	2.56E-02	2.30E-11	2.56E-02	2.85E-02	2.83E-03	0.00E+00	0.00E+00	0.00E+00	2.04E-04
VR118NP	2.38E-04	9.40E-02	1.95E-02	7.45E-02	0.00E+00	0.00E+00	1.20E+00	1.10E-06	1.10E-04	6.72E-04	0.00E+00	2.03E-03	9.27E-09	2.66E-10	1.09E-02	2.24E-04	6.81E-03	1.50E-03	1.27E-04	2.97E-02	7.65E-01	0.00E+00	1.06E-09	1.33E-09	1.57E-04	3.81E-06	1.01E-01	0.00E+00	7.65E-01	1.82E-09	7.65E-01	8.66E-01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	5.44E-03
VR118PD	3.76E-04	1.62E-01	3.05E-02	1.32E-01	0.00E+00	0.00E+00	1.89E+00	1.80E-06	1.74E-04	1.08E-03	0.00E+00	3.20E-03	1.45E-08	4.23E-10	1.96E-02	3.50E-04	1.19E-02	1.80E-03	2.29E-04	5.40E-02	1.25E+00	0.00E+00	1.68E-09	2.18E-09	2.53E-04	6.47E-06	1.66E-01	0.00E+00	1.25E+00	3.06E-09	1.25E+00	1.41E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	9.82E-03
VR118PP	4.63E-04	2.11E-01	3.79E-02	1.73E-01	0.00E+00	0.00E+00	2.36E+00	2.29E-06	2.18E-04	1.37E-03	0.00E+00	4.00E-03	1.80E-08	5.30E-10	2.59E-02	4.35E-04	1.60E-02	2.84E-03	3.03E-04	7.19E-02	1.58E+00	0.00E+00	2.12E-09	2.78E-09	3.19E-04	8.37E-06	2.12E-01	0.00E+00	1.58E+00	3.94E-09	1.58E+00	1.79E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00	1.30E-02
VR118TP	5.61E-04	2.43E-01	4.54E-02	1.98E-01	0.00E+00	0.00E+00	2.82E+00	2.69E-06	2.60E-04	1.62E-03	0.00E+00	4.77E-03	2.16E-08	6.31E-10	2.95E-02	5.22E-04	1.74E-02	2.59E-03	3.44E-04	8.13E-02	1.86E+00	0.00E+00	2.51E-09	3.26E-09	3.78E-04	9.69E-06	2.49E-01	0.00E+00	1.86E+00	4.58E-09	1.86E+00	2.11E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	1.48E-02
VR212NE	4.59E-04	2.05E-01	3.81E-02	1.67E-01	0.00E+00	0.00E+00	2.37E+00	2.27E-06	2.18E-04	1.36E-03	0.00E+00	4.01E-03	1.81E-08	5.31E-10	2.49E-02	4.38E-04	1.42E-02	7.58E-04	2.91E-04	6.87E-02	1.57E+00	0.00E+00	2.11E-09	2.75E-09	3.18E-04	8.17E-06	2.09E-01	0.00E+00	1.57E+00	3.86E-09	1.57E+00	1.78E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.25E-02
VR212NE1	5.73E-06	1.19E-04	2.85E-04	4.03E-04	0.00E+00	0.00E+00	1.64E-02	7.70E-09	1.35E-06	6.41E-06	0.00E+00	2.64E-05	1.35E-10	3.19E-12	8.30E-05	3.28E-06	2.30E-04	1.93E-03	1.12E-06	3.11E-04	6.06E-03	0.00E+00	1.19E-11	9.16E-12	1.58E-06	4.96E-09	6.69E-04	0.00E+00	6.06E-03	5.43E-12	6.06E-03	6.73E-03	6.69E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-05
VR212NE2	7.00E-06	3.62E-04	8.69E-04	1.23E-03	0.00E+00	0.00E+00	4.99E-02	2.35E-08	4.12E-06	1.96E-05	0.00E+00	8.07E-05	4.13E-10	9.73E-12	2.53E-04	1.00E-05	9.36E-04	1.59E-03	3.43E-06	9.50E-04	1.85E-02	0.00E+00	3.62E-11	2.80E-11	4.81E-06	1.51E-08	2.04E-03	0.00E+00	1.85E-02	1.66E-11	1.85E-02	2.05E-02	2.04E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-04

VR212NE3	9.83E-07	3.87E-04	9.30E-04	1.32E-03	0.00E+00	0.00E+00	5.34E-02	2.51E-08	4.41E-06	2.09E-05	0.00E+00	8.63E-05	4.42E-10	1.04E-11	2.71E-04	1.07E-05	8.90E-04	1.65E-03	3.67E-06	1.02E-03	1.98E-02	0.00E+00	3.87E-11	2.99E-11	5.15E-06	1.62E-08	2.18E-03	0.00E+00	1.98E-02	1.77E-11	1.98E-02	2.20E-02	2.18E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04
VR212NEB	4.28E-04	1.87E-01	3.13E-02	1.56E-01	0.00E+00	0.00E+00	1.96E+00	1.96E-06	1.82E-04	1.16E-03	0.00E+00	3.33E-03	1.49E-08	4.44E-10	2.34E-02	3.59E-04	1.63E-02	5.78E-03	2.75E-04	6.56E-02	1.35E+00	0.00E+00	1.78E-09	2.38E-09	2.70E-04	7.33E-06	1.82E-01	0.00E+00	1.35E+00	3.43E-09	1.35E+00	1.53E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	1.18E-02
VR212NH	2.30E-04	9.45E-02	1.77E-02	7.68E-02	0.00E+00	0.00E+00	1.10E+00	1.05E-06	1.01E-04	6.30E-04	0.00E+00	1.86E-03	8.40E-09	2.46E-10	1.14E-02	2.03E-04	7.19E-03	3.81E-04	1.33E-04	3.15E-02	7.25E-01	0.00E+00	9.78E-10	1.27E-09	1.47E-04	3.77E-06	9.67E-02	0.00E+00	7.25E-01	1.78E-09	7.25E-01	8.21E-01	9.67E-02	0.00E+00	0.00E+00	0.00E+00	5.73E-03
VR212NH1	5.92E-06	1.19E-04	2.87E-04	4.06E-04	0.00E+00	0.00E+00	1.65E-02	7.75E-09	1.36E-06	6.46E-06	0.00E+00	2.66E-05	1.36E-10	3.21E-12	8.35E-05	3.30E-06	2.30E-04	1.93E-03	1.13E-06	3.13E-04	6.10E-03	0.00E+00	1.20E-11	9.22E-12	1.59E-06	4.99E-09	6.73E-04	0.00E+00	6.10E-03	5.46E-12	6.10E-03	6.78E-03	6.73E-04	0.00E+00	0.00E+00	0.00E+00	4.86E-05
VR212PD	5.08E-05	1.26E-02	4.76E-03	7.82E-03	0.00E+00	0.00E+00	2.85E-01	2.10E-07	2.50E-05	1.40E-04	0.00E+00	4.72E-04	2.26E-09	6.01E-11	9.85E-04	5.46E-05	1.13E-03	9.44E-04	1.03E-05	2.07E-03	1.51E-01	0.00E+00	2.33E-10	2.53E-10	3.34E-05	5.77E-07	1.90E-02	0.00E+00	1.51E-01	2.97E-10	1.51E-01	1.70E-01	1.90E-02	0.00E+00	0.00E+00	0.00E+00	4.41E-04
VR212PDM	4.68E-04	2.07E-01	3.77E-02	1.69E-01	0.00E+00	0.00E+00	2.35E+00	2.26E-06	2.17E-04	1.35E-03	0.00E+00	3.97E-03	1.79E-08	5.26E-10	2.53E-02	4.33E-04	1.49E-02	1.89E-03	2.95E-04	7.00E-02	1.56E+00	0.00E+00	2.10E-09	2.74E-09	3.16E-04	8.21E-06	2.09E-01	0.00E+00	1.56E+00	3.87E-09	1.56E+00	1.77E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	1.27E-02
VR212PP	4.67E-04	2.13E-01	3.81E-02	1.75E-01	0.00E+00	0.00E+00	2.38E+00	2.31E-06	2.20E-04	1.38E-03	0.00E+00	4.03E-03	1.81E-08	5.34E-10	2.61E-02	4.38E-04	1.61E-02	2.84E-03	3.06E-04	7.24E-02	1.59E+00	0.00E+00	2.13E-09	2.80E-09	3.22E-04	8.42E-06	2.13E-01	0.00E+00	1.59E+00	3.97E-09	1.59E+00	1.81E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	1.31E-02
VR212PPC	4.72E-04	2.07E-01	3.86E-02	1.68E-01	0.00E+00	0.00E+00	2.40E+00	2.29E-06	2.21E-04	1.38E-03	0.00E+00	4.06E-03	1.83E-08	5.37E-10	2.50E-02	4.44E-04	1.49E-02	2.17E-03	2.92E-04	6.89E-02	1.58E+00	0.00E+00	2.14E-09	2.77E-09	3.21E-04	8.23E-06	2.11E-01	0.00E+00	1.58E+00	3.89E-09	1.58E+00	1.79E+00	2.11E-01	0.00E+00	0.00E+00	0.00E+00	1.25E-02
VR212PPH	4.79E-04	2.07E-01	3.84E-02	1.68E-01	0.00E+00	0.00E+00	2.39E+00	2.28E-06	2.20E-04	1.37E-03	0.00E+00	4.04E-03	1.83E-08	5.35E-10	2.51E-02	4.41E-04	1.50E-02	1.03E-03	2.93E-04	6.91E-02	1.58E+00	0.00E+00	2.13E-09	2.77E-09	3.20E-04	8.23E-06	2.11E-01	0.00E+00	1.58E+00	3.89E-09	1.58E+00	1.79E+00	2.11E-01	0.00E+00	0.00E+00	0.00E+00	1.26E-02
VR212TD	7.06E-04	3.14E-01	5.72E-02	2.56E-01	0.00E+00	0.00E+00	3.56E+00	3.43E-06	3.29E-04	2.05E-03	0.00E+00	6.03E-03	2.72E-08	7.99E-10	3.83E-02	6.57E-04	2.22E-02	2.74E-03	4.47E-04	1.06E-01	2.37E+00	0.00E+00	3.18E-09	4.16E-09	4.80E-04	1.24E-05	3.17E-01	0.00E+00	2.37E+00	5.87E-09	2.37E+00	2.69E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	1.92E-02
VR212TF	5.90E-04	2.59E-01	4.78E-02	2.11E-01	0.00E+00	0.00E+00	2.97E+00	2.85E-06	2.74E-04	1.71E-03	0.00E+00	5.03E-03	2.27E-08	6.66E-10	3.15E-02	5.49E-04	1.84E-02	2.40E-03	3.68E-04	8.71E-02	1.97E+00	0.00E+00	2.65E-09	3.46E-09	4.00E-04	1.03E-05	2.64E-01	0.00E+00	1.97E+00	4.87E-09	1.97E+00	2.24E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
VS104PD	3.14E-04	1.40E-01	2.51E-02	1.15E-01	0.00E+00	0.00E+00	1.56E+00	1.52E-06	1.45E-04	9.06E-04	0.00E+00	2.65E-03	1.19E-08	3.51E-10	1.72E-02	2.88E-04	1.04E-02	2.35E-03	2.01E-04	4.76E-02	1.05E+00	0.00E+00	1.40E-09	1.84E-09	2.12E-04	5.54E-06	1.40E-01	0.00E+00	1.05E+00	2.61E-09	1.05E+00	1.19E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	8.63E-03
VS104PE	3.02E-04	1.37E-01	2.48E-02	1.12E-01	0.00E+00	0.00E+00	1.54E+00	1.49E-06	1.42E-04	8.92E-04	0.00E+00	2.61E-03	1.18E-08	3.46E-10	1.68E-02	2.84E-04	1.02E-02	1.58E-03	1.96E-04	4.65E-02	1.03E+00	0.00E+00	1.38E-09	1.81E-09	2.08E-04	5.44E-06	1.38E-01	0.00E+00	1.03E+00	2.56E-09	1.03E+00	1.17E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	8.43E-03
VS104PEB	3.02E-04	1.37E-01	2.48E-02	1.12E-01	0.00E+00	0.00E+00	1.54E+00	1.49E-06	1.42E-04	8.92E-04	0.00E+00	2.61E-03	1.18E-08	3.46E-10	1.68E-02	2.84E-04	1.02E-02	1.58E-03	1.96E-04	4.65E-02	1.03E+00	0.00E+00	1.38E-09	1.81E-09	2.08E-04	5.44E-06	1.38E-01	0.00E+00	1.03E+00	2.56E-09	1.03E+00	1.17E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	8.43E-03
VS104PF	3.09E-04	1.38E-01	2.47E-02	1.13E-01	0.00E+00	0.00E+00	1.54E+00	1.49E-06	1.42E-04	8.92E-04	0.00E+00	2.61E-03	1.17E-08	3.46E-10	1.69E-02	2.84E-04	1.03E-02	2.32E-03	1.98E-04	4.69E-02	1.03E+00	0.00E+00	1.38E-09	1.81E-09	2.08E-04	5.45E-06	1.38E-01	0.00E+00	1.03E+00	2.57E-09	1.03E+00	1.17E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	8.49E-03
VS104PJ	2.03E-04	9.07E-02	1.64E-02	7.43E-02	0.00E+00	0.00E+00	1.02E+00	9.87E-07	9.41E-05	5.90E-04	0.00E+00	1.73E-03	7.77E-09	2.29E-10	1.11E-02	1.88E-04	7.06E-03	1.94E-03	1.30E-04	3.08E-02	6.81E-01	0.00E+00	9.12E-10	1.20E-09	1.38E-04	3.59E-06	9.12E-02	0.00E+00	6.81E-01	1.69E-09	6.81E-01	7.72E-01	9.12E-02	0.00E+00	0.00E+00	0.00E+00	5.58E-03
VS104PP	3.02E-04	1.37E-01	2.48E-02	1.12E-01	0.00E+00	0.00E+00	1.54E+00	1.49E-06	1.43E-04	8.93E-04	0.00E+00	2.61E-03	1.18E-08	3.47E-10	1.68E-02	2.85E-04	1.02E-02	1.58E-03	1.97E-04	4.66E-02	1.03E+00	0.00E+00	1.38E-09	1.81E-09	2.09E-04	5.44E-06	1.38E-01	0.00E+00	1.03E+00	2.56E-09	1.03E+00	1.17E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-03
VS104PR	3.17E-04	1.41E-01	2.59E-02	1.15E-01	0.00E+00	0.00E+00	1.61E+00	1.55E-06	1.49E-04	9.28E-04	0.00E+00	2.73E-03	1.23E-08	3.61E-10	1.72E-02	2.97E-04	1.02E-02	1.93E-03	2.01E-04	4.77E-02	1.07E+00	0.00E+00	1.44E-09	1.88E-09	2.17E-04	5.61E-06	1.43E-01	0.00E+00	1.07E+00	2.65E-09	1.07E+00	1.21E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	8.65E-03
VS104PY	4.59E-06	2.21E-04	5.32E-04	7.54E-04	0.00E+00	0.00E+00	3.06E-02	1.44E-08	2.52E-06	1.20E-05	0.00E+00	4.94E-05	2.53E-10	5.96E-12	1.55E-04	6.12E-06	6.80E-04	1.29E-03	2.10E-06	5.82E-04	1.13E-02	0.00E+00	2.22E-11	1.71E-11	2.95E-06	9.27E-09	1.25E-03	0.00E+00	1.13E-02	1.01E-11	1.13E-02	1.26E-02	1.25E-03	0.00E+00	0.00E+00	0.00E+00	9.02E-05
VS104TD	2.42E-05	6.54E-03	1.78E-03	4.76E-03	0.00E+00	0.00E+00	1.08E-01	8.86E-08	9.66E-06	5.65E-05	0.00E+00	1.80E-04	8.44E-10	2.33E-11	6.68E-04	2.04E-05	9.81E-04	1.39E-03	7.51E-06	1.69E-03	6.27E-02	0.00E+00	9.12E-11	1.07E-10	1.33E-05	2.78E-07	8.11E-03	0.00E+00	6.27E-02	1.37E-10	6.27E-02	7.08E-02	8.11E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04
VS104TE	3.23E-04	1.44E-01	2.58E-02	1.18E-01	0.00E+00	0.00E+00	1.61E+00	1.56E-06	1.48E-04	9.32E-04	0.00E+00	2.72E-03	1.22E-08	3.61E-10	1.77E-02	2.96E-04	1.07E-02	2.31E-03	2.07E-04	4.91E-02	1.08E+00	0.00E+00	1.44E-09	1.89E-09	2.17E-04	5.70E-06	1.44E-01	0.00E+00	1.08E+00	2.68E-09	1.08E+00	1.22E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	8.89E-03
VS104TF	2.63E-04	1.16E-01	2.10E-02	9.55E-02	0.00E+00	0.00E+00	1.31E+00	1.27E-06	1.21E-04	7.56E-04	0.00E+00	2.21E-03	9.96E-09	2.93E-10	1.43E-02	2.41E-04	8.71E-03	2.11E-03	1.67E-04	3.96E-02	8.74E-01	0.00E+00	1.17E-09	1.53E-09	1.77E-04	4.61E-06	1.17E-01	0.00E+00	8.74E-01	2.17E-09	8.74E-01	9.91E-01	1.17E-01	0.00E+00	0.00E+00	0.00E+00	7.17E-03
VS104TJ	2.27E-04	1.02E-01	1.82E-02	8.33E-02	0.00E+00	0.00E+00	1.14E+00	1.10E-06	1.05E-04	6.58E-04	0.00E+00	1.92E-03	8.66E-09	2.55E-10	1.25E-02	2.09E-04	7.77E-03	1.94E-03	1.46E-04	3.46E-02	7.61E-01	0.00E+00	1.02E-09	1.34E-09	1.54E-04	4.02E-06	1.02E-01	0.00E+00	7.61E-01	1.89E-09	7.61E-01	8.63E-01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	6.26E-03
VS104TM	3.24E-04	1.44E-01	2.59E-02	1.19E-01	0.00E+00	0.00E+00	1.61E+00	1.57E-06	1.49E-04	9.35E-04	0.00E+00	2.73E-03	1.23E-08	3.62E-10	1.77E-02	2.97E-04	1.07E-02	2.31E-03	2.08E-04	4.92E-02	1.08E+00	0.00E+00	1.45E-09	1.90E-09	2.18E-04	5.72E-06	1.45E-01	0.00E+00	1.08E+00	2.69E-09	1.08E+00	1.23E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	8.91E-03
VS104TR	3.59E-05	1.22E-02	3.33E-03	8.87E-03	0.00E+00	0.00E+00	2.02E-01	1.66E-07	1.81E-05	1.06E-04	0.00E+00	3.38E-04	1.58E-09	4.36E-11	1.24E-03	3.82E-05	1.14E-03	1.06E-03	1.40E-05	3.14E-03	1.17E-01	0.00E+00	1.71E-10	2.00E-10	2.50E-05	5.19E-07	1.52E-02	0.00E+00	1.17E-01	2.56E-10	1.17E-01	1.32E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	5.99E-04
VS108PD	9.05E-05	3.34E-02	7.09E-03	2.63E-02	0.00E+00	0.00E+00	4.37E-01	3.95E-07	3.98E-05	2.42E-04	0.00E+00	7.35E-04	3.37E-09	9.64E-11	3.86E-03	8.14E-05	2.85E-03	1.50E-03	4.46E-05	1.04E-02	2.75E-01	0.00E+00	3.81E-10	4.78E-10	5.68E-05	1.36E-06	3.64E-02	0.00E+00	2.75E-01	6.51E-10	2.75E-01	3.12E-01	3.64E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
VS108PE	4.37E-04	1.98E-01	3.58E-02	1.62E-01	0.00E+00	0.00E+00	2.23E+00	2.16E-06	2.06E-04	1.29E-03	0.00E+00	3.78E-03	1.70E-08	5.01E-10	2.43E-02	4.11E-04	1.47E-02	2.22E-03	2.84E-04	6.72E-02	1.49E+00	0.00E+00	2.00E-09	2.62E-09	3.01E-04	7.86E-06	2.00E-01	0.00E+00	1.49E+00	3.70E-09	1.49E+00	1.69E+00	2.00E-01	0.00E+00	0.00E+00	0.00E+00	1.22E-02
VS108PEB	3.38E-04	1.54E-01	2.75E-02	1.27E-01	0.00E+00	0.00E+00	1.72E+00	1.67E-06	1.59E-04	9.97E-04	0.00E+00	2.91E-03	1.31E-08	3.86E-10	1.90E-02	3.16E-04	1.18E-02	2.22E-03	2.22E-04	5.26E-02	1.15E+00	0.00E+00	1.54E-09	2.02E-09	2.33E-04	6.11E-06	1.54E-01	0.00E+00	1.15E+00	2.87E-09	1.15E+00	1.31E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	9.53E-03
VS108PF	3.37E-04	1.47E-01	2.69E-02	1.20E-01	0.00E+00	0.00E+00	1.67E+00	1.61E-06	1.54E-04	9.64E-04	0.00E+00	2.83E-03	1.28E-08	3.75E-10	1.79E-02	3.09E-04	1.08E-02	2.23E-03	2.09E-04	4.95E-02	1.11E+00	0.00E+00	1.49E-09	1.95E-09	2.25E-04	5.83E-06	1.49E-01	0.00E+00	1.11E+00	2.75E-09	1.11E+00	1.26E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	8.97E-03
VS108PJ	3.01E-04	1.30E-01	2.40E-02	1.06E-01	0.00E+00	0.00E+00	1.49E+00	1.43E-06	1.38E-04	8.60E-04	0.00E+00	2.53E-03	1.14E-08	3.35E-10	1.59E-02	2.76E-04	9.68E-03	2.13E-03	1.85E-04	4.38E-02	9.91E-01	0.00E+00	1.33E-09	1.74E-09	2.01E-04	5.19E-06	1.33E-01	0.00E+00	9.91E-01	2.45E-09	9.91E-01	1.12E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	7.96E-03
VS108PM	4.08E-04	1.79E-01	3.26E-02	1.47E-01	0.00E+00	0.00E+00	2.03E+00	1.96E-06	1.87E-04	1.17E-03	0.00E+00	3.43E-03	1.55E-08	4.55E-10	2.19E-02	3.74E-04	1.31E-02	2.47E-03	2.56E-04	6.07E-02	1.35E+00	0.00E+00	1.81E-09	2.37E-09	2.73E-04	7.11E-06	1.81E-01	0.00E+00	1.35E+00	3.35E-09	1.35E+00	1.53E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	1.10E-02
VS108PP	4.39E-04	1.99E-01	3.60E-02	1.63E-01	0.00E+00	0.00E+00	2.24E+00	2.17E-06	2.07E-04	1.30E-03	0.00E+00	3.80E-03	1.71E-08	5.04E-10	2.44E-02	4.14E-04	1.48E-02	2.22E-03	2.85E-04	6.76E-02	1.50E+00	0.00E+00	2.01E-09	2.63E-09	3.03E-04	7.90E-06	2.01E-01	0.00E+00	1.50E+00	3.72E-09	1.50E+00	1.70E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	1.22E-02
VS108PR	5.50E-05	1.77E-02	4.68E-03	1.30E-02	0.00E+00	0.00E+00	2.85E-01	2.36E-07	2.55E-05	1.50E-04	0.00E+00	4.76E-04	2.22E-09	6.16E-11	1.84E-03	5.37E-05	1.41E-03	9.31E-04	2.07E-05	4.70E-03	1.67E-01	0.00E+00	2.41E-10	2.85E-10	3.54E-05	7.48E-07	2.16E-02	0.00E+00	1.67E-01	3.68E-10	1.67E-01	1.88E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	8.91E-04
VS108PT	4.44E-04	2.01E-01	3.64E-02	1.65E-01	0.00E+00	0.00E+00	2.27E+00	2.19E-06	2.09E-04	1.31E-03	0.00E+00	3.84E-03	1.73E-08	5.09E-10	2.46E-02	4.18E-04	1.49E-02	2.22E-03	2.88E-04	6.83E-02	1.51E+00	0.00E+00	2.03E-09	2.66E-09	3.06E-04	7.98E-06	2.03E-01	0.00E+00	1.51E+00	3.76E-09	1.51E+00	1.72E+00	2.03E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
VS108PY	3.05E-04	1.35E-01	2.47E-02	1.11E-01	0.00E+00	0.00E+00	1.54E+00	1.48E-06	1.42E-04	8.86E-04	0.00E+00	2.60E-03	1.17E-08	3.45E-10	1.65E-02	2.84E-04	1.02E-02	2.08E-03	1.93E-04	4.57E-02	1.02E+00	0.00E+00	1.37E-09	1.79E-09	2.07E-04	5.37E-06	1.37E-01	0.00E+00	1.02E+00	2.53E-09	1.02E+00	1.16E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.28E-03
VS108TA	4.45E-04	1.96E-01	3.55E-02	1.61E-01	0.00E+00	0.00E+00	2.21E+00	2.14E-06	2.04E-04	1.28E-03	0.00E+00	3.74E-03	1.69E-08	4.96E-10	2.40E-02	4.08E-04	1.42E-02	2.49E-03	2.81E-04	6.65E-02	1.48E+00	0.00E+00	1.98E-09	2.59E-09	2.98E-04	7.78E-06	1.98E-01	0.00E+00	1.48E+00	3.67E-09	1.48E+00	1.67E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	1.21E-02
VS108TD	3.53E-04	1.54E-01	2.81E-02	1.26E-01	0.00E+00	0.00E+00	1.75E+00	1.68E-06	1.61E-04	1.01E-03	0.00E+00	2.96E-03	1.33E-08	3.92E-10	1.88E-02	3.23E-04	1.12E-02	2.20E-03	2.19E-04	5.19E-02	1.16E+00	0.00E+00	1.56E-09	2.04E-09	2.35E-04	6.11E-06	1.56E-01	0.00E+00	1.16E+00	2.88E-09	1.16E+00	1.32E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	9.42E-03
VS108TE	4.30E-04	1.89E-01	3.42E-02	1.55E-01	0.00E+00	0.00E+00	2.13E+00	2.06E-06	1.97E-04	1.23E-03	0.00E+00	3.61E-03	1.63E-08	4.79E-10	2.32E-02	3.93E-04	1.38E-02	2.46E-03	2.71E-04	6.43E-02	1.42E+00	0.00E+00	1.91E-09	2.50E-09	2.88E-04	7.51E-06	1.91E-01	0.00E+00	1.42E+00	3.54E-09	1.42E+00	1.62E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
VS108TF	2.40E-04	1.02E-01	1.90E-02	8.29E-02	0.00E+00	0.00E+00	1.18E+00	1.13E-06	1.09E-04	6.78E-04	0.00E+00	2.00E-03	9.04E-09	2.65E-10	1.24E-02	2.19E-04	7.62E-03	1.82E-03	1.44E-04	3.41E-02	7.80E-01	0.00E+00	1.05E-09	1.37E-09	1.58E-04	4.06E-06	1.04E-01	0.00E+00	7.80E-01	1.92E-09	7.80E-01	8.85E-01	1.04E-01	0.00E+00	0.00E+00	0.00E+00	6.19E-03
VS108TJ	4.53E-04	2.00E-01	3.61E-02	1.64E-01	0.00E+00	0.00E+00	2.25E+00	2.17E-06	2.08E-04	1.30E-03	0.00E+00	3.81E-03	1.71E-08	5.05E-10	2.44E-02	4.15E-04	1.44E-02	2.52E-03	2.86E-04	6.77E-02	1.50E+00	0.00E+00	2.01E-09	2.64E-09	3.04E-04	7.91E-06	2.01E-01	0.00E+00	1.50E+00	3.73E-09	1.50E+00	1.70E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	1.23E-02
VS108TM	3.49E-04	1.52E-01	2.78E-02	1.24E-01	0.00E+00	0.00E+00	1.73E+00	1.66E-06	1.59E-04	9.97E-04	0.00E+00	2.92E-03	1.32E-08	3.88E-10	1.85E-02	3.19E-04	1.11E-02	2.18E-03	2.17E-04	5.13E-02	1.15E+00	0.00E+00	1.54E-09	2.02E-09	2.33E-04	6.03E-06	1.54E-01	0.00E+00	1.15E+00	2.85E-09	1.15E+00	1.30E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	9.30E-03
VS108TP	4.38E-04	1.93E-01	3.49E-02	1.58E-01	0.00E+00	0.00E+00	2.17E+00	2.10E-06	2.01E-04	1.26E-03	0.00E+00	3.68E-03	1.66E-08	4.88E-10	2.36E-02	4.01E-04	1.40E-02	2.47E-03	2.76E-04	6.54E-02	1.45E+00	0.00E+00	1.94E-09	2.55E-09	2.93E-04	7.65E-06	1.94E-01	0.00E+00	1.45E+00	3.60E-09	1.45E+00	1.65E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	1.19E-02
VS108TR	3.41E-04	1.49E-01	2.76E-02	1.22E-01	0.00E+00	0.00E+00	1.72E+00	1.65E-06	1.58E-04	9.88E-04	0.00E+00	2.91E-03	1.31E-08	3.85E-10	1.81E-02	3.18E-04	1.07E-02	1.79E-03	2.12E-04	5.01E-02	1.14E+00	0.00E+00	1.53E-09	1.99E-09	2.31E-04	5.94E-06	1.52E-01	0.00E+00	1.14E+00	2.81E-09	1.14E+00	1.29E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	9.09E-03
VS108TS	1.18E-04	4.70E-02	9.50E-03	3.75E-02	0.00E+00	0.00E+00	5.87E-01	5.41E-07	5.37E-05	3.30E-04	0.00E+00	9.90E-04	4.51E-09	1.30E-10	5.53E-03	1.09E-04	3.86E-03	1.37E-03	6.41E-05	1.50E-02	3.76E-01	0.00E+00	5.16E-10	6.55E-10	7.72E-05	1.89E-06	4.99E-02	0.00E+00	3.76E-01	9.03E-10	3.76E-01	4.26E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	2.75E-03
VS112PA	4.66E-04	2.03E-01	3.75E-02	1.65E-01	0.00E+00	0.00E+00	2.33E+00	2.23E-06	2.15E-04	1.34E-03	0.00E+00	3.95E-03	1.78E-08	5.23E-10	2.46E-02	4.31E-04	1.50E-02	2.01E-03	2.87E-04	6.79E-02	1.54E+00	0.00E+00	2.08E-09	2.71E-09	3.13E-04	8.06E-06	2.06E-01	0.00E+00	1.54E+00	3.81E-09	1.54E+00	1.75E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	1.23E-02
VS112PD	6.09E-04	2.77E-01	4.99E-02	2.27E-01	0.00E+00	0.00E+00	3.11E+00	3.01E-06	2.87E-04	1.80E-03	0.00E+00	5.26E-03	2.37E-08	6.98E-10	3.40E-02	5.73E-04	2.08E-02	3.49E-03	3.98E-04	9.43E-02	2.08E+00	0.00E+00	2.78E-09	3.65E-09	4.20E-04	1.10E-05	2.79E-01	0.00E+00	2.08E+00	5.17E-09	2.08E+00	2.36E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	1.71E-02
VS112PE	6.05E-04	2.75E-01	4.96E-02	2.25E-01	0.00E+00	0.00E+00	3.09E+00	2.99E-06	2.85E-04	1.79E-03	0.00E+00	5.23E-03	2.35E-08	6.93E-10	3.37E-02	5.69E-04	2.05E-02	3.30E-03	3.94E-04	9.34E-02	2.07E+00	0.00E+00	2.76E-09	3.62E-09	4.17E-04	1.09E-05	2.77E-01	0.00E+00	2.07E+00	5.13E-09	2.07E+00	2.34E+00	2.77E-01	0.00E+00	0.00E+00	0.00E+00	1.69E-02
VS112PEB	6.01E-04	2.71E-01	4.96E-02	2.21E-01	0.00E+00	0.00E+00	3.08E+00	2.97E-06	2.85E-04	1.78E-03	0.00E+00	5.22E-03	2.35E-08	6.91E-10	3.30E-02	5.69E-04	1.95E-02	2.17E-03	3.86E-04	9.14E-02	2.05E+00	0.00E+00	2.75E-09	3.60E-09	4.15E-04	1.08E-05	2.74E-01	0.00E+00	2.05E+00	5.08E-09	2.05E+00	2.33E+00	2.74E-01	0.00E+00	0.00E+00	0.00E+00	1.66E-02
VS112PF	1.71E-04	6.70E-02	1.39E-02	5.31E-02	0.00E+00	0.00E+00	8.55E-01	7.81E-07	7.81E-05	4.77E-04	0.00E+00	1.44E-03	6.58E-09	1.89E-10	7.81E-03	1.59E-04	5.43E-03	1.09E-03	9.05E-05	2.12E-02	5.44E-01	0.00E+00	7.49E-10	9.45E-10	1.12E-04	2.71E-06	7.19E-02	0.00E+00	5.44E-01	1.30E-09	5.44E-01	6.15E-01	7.19E-02	0.00E+00	0.00E+00	0.00E+00	3.89E-03
VS112PJ	3.48E-04	1.48E-01	2.81E-02	1.20E-01	0.00E+00	0.00E+00	1.74E+00	1.65E-06	1.60E-04	9.95E-04	0.00E+00	2.94E-03	1.33E-08	3.89E-10	1.79E-02	3.22E-04	1.12E-02	1.66E-03	2.09E-04	4.92E-02	1.14E+00	0.00E+00	1.55E-09	2.00E-09	2.33E-04	5.92E-06	1.53E-01	0.00E+00	1.14E+00	2.80E-09	1.14E+00	1.30E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	8.96E-03
VS112PM	2.59E-04	1.08E-01	2.10E-02	8.67E-02	0.00E+00	0.00E+00	1.30E+00	1.22E-06	1.19E-04	7.36E-04	0.00E+00	2.19E-03	9.95E-09	2.89E-10	1.29E-02	2.41E-04	8.30E-03	1.36E-03	1.50E-04	3.52E-02	8.44E-01	0.00E+00	1.15E-09	1.47E-09	1.72E-04	4.32E-06	1.12E-01	0.00E+00	8.44E-01	2.05E-09	8.44E-01	9.56E-01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	6.42E-03
VS112PP	6.61E-04	3.00E-01	5.42E-02	2.46E-01	0.00E+00	0.00E+00	3.38E+00	3.27E-06	3.12E-04	1.95E-03	0.00E+00	5.72E-03	2.57E-08	7.58E-10	3.68E-02	6.23E-04	2.23E-02	3.49E-03	4.30E-04	1.02E-01	2.26E+00	0.00E+00	3.02E-09	3.96E-09	4.56E-04	1.19E-05	3.02E-01	0.00E+00	2.26E+00	5.61E-09	2.26E+00	2.56E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	1.85E-02
VS112PR	4.90E-04	2.15E-01	3.99E-02	1.75E-01	0.00E+00	0.00E+00	2.48E+00	2.37E-06	2.28E-04	1.42E-03	0.00E+00	4.19E-03	1.89E-08	5.55E-10	2.61E-02	4.58E-04	1.53E-02	1.44E-03	3.04E-04	7.19E-02	1.64E+00	0.00E+00	2.21E-09	2.87E-09	3.32E-04	8.55E-06	2.19E-01	0.00E+00	1.64E+00	4.04E-09	1.64E+00	1.86E+00	2.19E-01	0.00E+00	0.00E+00	0.00E+00	1.31E-02
VS112PS	6.72E-04	3.05E-01	5.52E-02	2.50E-01	0.00E+00	0.00E+00	3.43E+00	3.32E-06	3.17E-04	1.99E-03	0.00E+00	5.82E-03	2.62E-08	7.71E-10	3.73E-02	6.34E-04	2.25E-02	3.30E-03	4.36E-04	1.03E-01	2.29E+00	0.00E+00	3.07E-09	4.03E-09	4.64E-04	1.21E-05	3.07E-01	0.00E+00	2.29E+00	5.70E-09	2.29E+00	2.60E+00	3.07E-01	0.00E+00	0.00E+00	0.00E+00	1.87E-02
VS112PY	4.66E-04	2.03E-01	3.76E-02	1.65E-01	0.00E+00	0.00E+00	2.34E+00	2.24E-06	2.15E-04	1.34E-03	0.00E+00	3.95E-03	1.78E-08	5.23E-10	2.46E-02	4.32E-04	1.49E-02	2.05E-03	2.87E-04	6.79E-02	1.55E+00	0.00E+00	2.08E-09	2.71E-09	3.13E-04	8.06E-06	2.06E-01	0.00E+00	1.55E+00	3.81E-09	1.55E+00	1.75E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	1.23E-02
VS112TA	4.67E-04	2.03E-01	3.75E-02	1.65E-01	0.00E+00	0.00E+00	2.33E+00	2.23E-06	2.15E-04	1.34E-03	0.00E+00	3.94E-03	1.78E-08	5.22E-10	2.46E-02	4.31E-04	1.48E-02	1.85E-03	2.88E-04	6.80E-02	1.54E+00	0.00E+00	2.08E-09	2.71E-09	3.13E-04	8.06E-06	2.06E-01	0.00E+00	1.54E+00	3.81E-09	1.54E+00	1.75E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	1.23E-02
VS112TD	3.46E-04	1.47E-01	2.77E-02	1.19E-01	0.00E+00	0.00E+00	1.72E+00	1.64E-06	1.58E-04	9.85E-04	0.00E+00	2.91E-03	1.32E-08	3.85E-10	1.78E-02	3.19E-04	1.09E-02	1.50E-03	2.07E-04	4.89E-02	1.13E+00	0.00E+00	1.53E-09	1.98E-09	2.30E-04	5.87E-06	1.51E-01	0.00E+00	1.13E+00	2.78E-09	1.13E+00	1.28E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	8.89E-03
VS112TE	4.67E-04	2.03E-01	3.74E-02	1.65E-01	0.00E+00	0.00E+00	2.32E+00	2.23E-06	2.14E-04	1.34E-03	0.00E+00	3.93E-03	1.77E-08	5.21E-10	2.47E-02	4.29E-04	1.49E-02	1.88E-03	2.88E-04	6.81E-02	1.54E+00	0.00E+00	2.07E-09	2.70E-09	3.12E-04	8.06E-06	2.06E-01	0.00E+00	1.54E+00	3.81E-09	1.54E+00	1.75E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
VS112TF	3.96E-04	1.70E-01	3.18E-02	1.38E-01	0.00E+00	0.00E+00	1.98E+00	1.88E-06	1.82E-04	1.13E-03	0.00E+00	3.34E-03	1.51E-08	4.42E-10	2.06E-02	3.65E-04	1.26E-02	1.60E-03	2.40E-04	5.68E-02	1.30E+00	0.00E+00	1.76E-09	2.28E-09	2.65E-04	6.78E-06	1.74E-01	0.00E+00	1.30E+00	3.20E-09	1.30E+00	1.48E+00	1.74E-01	0.00E+00	0.00E+00	0.00E+00	1.03E-02
VS112TJ	2.71E-05	5.46E-04	2.19E-03	1.64E-03	0.00E+00	0.00E+00	1.27E-01	6.72E-08	1.06E-05	5.25E-05	0.00E+00	2.06E-04	1.04E-09	2.52E-11	4.00E-04	2.51E-05	5.95E-04	5.20E-04	5.72E-06	1.66E-03	5.15E-02	0.00E+00	9.46E-11	8.03E-11	1.28E-05	8.75E-08	5.92E-03	0.00E+00	5.15E-02	6.23E-11	5.15E-02	5.74E-02	5.92E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
VS112TM	3.34E-04	1.42E-01	2.68E-02	1.15E-01	0.00E+00	0.00E+00	1.67E+00	1.58E-06	1.53E-04	9.51E-04	0.00E+00	2.82E-03	1.27E-08	3.72E-10	1.71E-02	3.08E-04	1.05E-02	1.43E-03	1.99E-04	4.70E-02	1.09E+00	0.00E+00	1.48E-09	1.91E-09	2.22E-04	5.65E-06	1.46E-01	0.00E+00	1.09E+00	2.68E-09	1.09E+00	1.24E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	8.54E-03
VS112TP	6.61E-04	3.00E-01	5.42E-02	2.46E-01	0.00E+00	0.00E+00	3.38E+00	3.27E-06	3.12E-04	1.95E-03	0.00E+00	5.72E-03	2.57E-08	7.58E-10	3.68E-02	6.23E-04	2.23E-02	3.49E-03	4.30E-04	1.02E-01	2.26E+00	0.00E+00	3.02E-09	3.96E-09	4.56E-04	1.19E-05	3.02E-01	0.00E+00	2.26E+00	5.61E-09	2.26E+00	2.56E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	1.85E-02
VS112TR	4.22E-04	1.84E-01	3.44E-02	1.49E-01	0.00E+00	0.00E+00	2.14E+00	2.04E-06	1.97E-04	1.22E-03	0.00E+00	3.61E-03	1.63E-08	4.78E-10	2.22E-02	3.95E-04	1.31E-02	1.24E-03	2.59E-04	6.12E-02	1.41E+00	0.00E+00	1.90E-09	2.47E-09	2.86E-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	1.11E-02
VS112TS	2.34E-05	5.95E-04	2.07E-03	1.47E-03	0.00E+00	0.00E+00	1.20E-01	6.40E-08	1.01E-05	4.99E-05	0.00E+00	1.95E-04	9.83E-10	2.38E-11	3.66E-04	2.38E-05	7.69E-04	4.35E-04	5.25E-06	1.53E-03	4.90E-02	0.00E+00	8.97E-11	7.65E-11	1.22E-05	8.54E-08	5.64E-03	0.00E+00	4.90E-02	6.00E-11	4.90E-02	5.46E-02	5.64E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-04
VS112TY	4.67E-04	2.03E-01	3.75E-02	1.65E-01	0.00E+00	0.00E+00	2.33E+00	2.23E-06	2.15E-04	1.34E-03	0.00E+00	3.95E-03	1.78E-08	5.22E-10	2.46E-02	4.31E-04	1.48E-02	1.89E-03	2.87E-04	6.80E-02	1.54E+00	0.00E+00	2.08E-09	2.71E-09	3.13E-04	8.06E-06	2.06E-01	0.00E+00	1.54E+00	3.81E-09	1.54E+00	1.75E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	1.23E-02
VS118PA	5.73E-04	2.57E-01	4.65E-02	2.11E-01	0.00E+00	0.00E+00	2.89E+00	2.80E-06	2.67E-04	1.67E-03	0.00E+00	4.90E-03	2.21E-08	6.50E-10	3.15E-02	5.34E-04	1.92E-02	3.20E-03	3.68E-04	8.73E-02	1.93E+00	0.00E+00	2.59E-09	3.39E-09	3.91E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.80E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
VS118PD	5.81E-04	2.67E-01	4.72E-02	2.20E-01	0.00E+00	0.00E+00	2.94E+00	2.88E-06	2.72E-04	1.71E-03	0.00E+00	4.99E-03	2.24E-08	6.63E-10	3.29E-02	5.42E-04	2.08E-02	4.58E-03	3.86E-04	9.15E-02	1.98E+00	0.00E+00	2.64E-09	3.49E-09	4.00E-04	1.06E-05	2.66E-01	0.00E+00	1.98E+00	4.96E-09	1.98E+00	2.25E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	1.66E-02
VS118PES	6.42E-04	2.94E-01	5.23E-02	2.42E-01	0.00E+00	0.00E+00	3.26E+00	3.18E-06	3.01E-04	1.89E-03	0.00E+00	5.52E-03	2.48E-08	7.33E-10	3.62E-02	6.00E-04	2.26E-02	4.58E-03	4.24E-04	1.00E-01	2.19E+00	0.00E+00	2.92E-09	3.85E-09	4.42E-04	1.16E-05	2.94E-01	0.00E+00	2.19E+00	5.47E-09	2.19E+00	2.49E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	1.82E-02
VS118PF	5.73E-04	2.57E-01	4.65E-02	2.11E-01	0.00E+00	0.00E+00	2.89E+00	2.80E-06	2.67E-04	1.67E-03	0.00E+00	4.90E-03	2.21E-08	6.50E-10	3.15E-02	5.34E-04	1.92E-02	3.17E-03	3.68E-04	8.72E-02	1.93E+00	0.00E+00	2.59E-09	3.39E-09	3.91E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.80E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
VS118PJ	5.73E-04	2.57E-01	4.65E-02	2.11E-01	0.00E+00	0.00E+00	2.89E+00	2.80E-06	2.67E-04	1.67E-03	0.00E+00	4.90E-03	2.21E-08	6.50E-10	3.15E-02	5.34E-04	1.92E-02	3.19E-03	3.68E-04	8.72E-02	1.93E+00	0.00E+00	2.59E-09	3.39E-09	3.91E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.80E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
VS118PJ1	4.55E-04	2.03E-01	3.70E-02	1.66E-01	0.00E+00	0.00E+00	2.30E+00	2.22E-06	2.12E-04	1.33E-03	0.00E+00	3.90E-03	1.76E-08	5.16E-10	2.48E-02	4.25E-04	1.53E-02	2.87E-03	2.90E-04	6.86E-02	1.53E+00	0.00E+00	2.06E-09	2.69E-09	3.10E-04	8.05E-06	2.05E-01	0.00E+00	1.53E+00	3.80E-09	1.53E+00	1.74E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
VS118PM	1.35E-05	7.91E-04	1.60E-03	8.06E-04	0.00E+00	0.00E+00	9.29E-02	5.13E-08	7.82E-06	3.93E-05	0.00E+00	1.51E-04	7.59E-10	1.86E-11	2.28E-04	1.84E-05	1.61E-03	1.02E-03	3.40E-06	1.02E-03	3.90E-02	0.00E+00	7.00E-11	6.14E-11	9.55E-06	7.72E-08	4.54E-03	0.00E+00	3.90E-02	5.11E-11	3.90E-02	4.35E-02	4.54E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-04
VS118PP	6.37E-04	2.92E-01	5.18E-02	2.40E-01	0.00E+00	0.00E+00	3.23E+00	3.15E-06	2.99E-04	1.88E-03	0.00E+00	5.48E-03	2.46E-08	7.27E-10	3.59E-02	5.95E-04	2.25E-02	4.58E-03	4.20E-04	9.97E-02	2.17E+00	0.00E+00	2.90E-09	3.82E-09	4.38E-04	1.15E-05	2.91E-01	0.00E+00	2.17E+00	5.43E-09	2.17E+00	2.47E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	1.81E-02
VS118PS	6.46E-04	2.96E-01	5.26E-02	2.43E-01	0.00E+00	0.00E+00	3.28E+00	3.20E-06	3.04E-04	1.91E-03	0.00E+00	5.56E-03	2.50E-08	7.39E-10	3.64E-02	6.05E-04	2.28E-02	4.58E-03	4.26E-04	1.01E-01	2.21E+00	0.00E+00	2.95E-09	3.88E-09	4.45E-04	1.17E-05	2.96E-01	0.00E+00	2.21E+00	5.51E-09	2.21E+00	2.50E+00	2.96E-01	0.00E+00	0.00E+00	0.00E+00	1.83E-02

VS118PT	5.89E-04	2.70E-01	4.78E-02	2.23E-01	0.00E+00	0.00E+00	2.98E+00	2.92E-06	2.76E-04	1.74E-03	0.00E+00	5.06E-03	2.27E-08	6.72E-10	3.34E-02	5.50E-04	2.11E-02	4.58E-03	3.90E-04	9.27E-02	2.01E+00	0.00E+00	2.68E-09	3.53E-09	4.05E-04	1.07E-05	2.70E-01	0.00E+00	2.01E+00	5.03E-09	2.01E+00	2.28E+00	2.70E-01	0.00E+00	0.00E+00	0.00E+00	1.68E-02
VS118PY	4.55E-04	2.03E-01	3.70E-02	1.66E-01	0.00E+00	0.00E+00	2.30E+00	2.22E-06	2.13E-04	1.33E-03	0.00E+00	3.90E-03	1.76E-08	5.17E-10	2.48E-02	4.25E-04	1.53E-02	2.89E-03	2.89E-04	6.85E-02	1.53E+00	0.00E+00	2.06E-09	2.69E-09	3.10E-04	8.05E-06	2.05E-01	0.00E+00	1.53E+00	3.80E-09	1.53E+00	1.74E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
VS118TA	5.75E-04	2.57E-01	4.64E-02	2.11E-01	0.00E+00	0.00E+00	2.89E+00	2.80E-06	2.67E-04	1.67E-03	0.00E+00	4.89E-03	2.20E-08	6.49E-10	3.15E-02	5.33E-04	1.89E-02	2.94E-03	3.69E-04	8.73E-02	1.93E+00	0.00E+00	2.59E-09	3.39E-09	3.90E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.80E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
VS118TD	5.75E-04	2.57E-01	4.64E-02	2.11E-01	0.00E+00	0.00E+00	2.89E+00	2.80E-06	2.67E-04	1.67E-03	0.00E+00	4.89E-03	2.20E-08	6.49E-10	3.15E-02	5.33E-04	1.89E-02	2.95E-03	3.69E-04	8.73E-02	1.93E+00	0.00E+00	2.59E-09	3.39E-09	3.90E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.80E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
VS118TES	5.74E-04	2.57E-01	4.66E-02	2.10E-01	0.00E+00	0.00E+00	2.90E+00	2.81E-06	2.68E-04	1.68E-03	0.00E+00	4.92E-03	2.22E-08	6.52E-10	3.14E-02	5.36E-04	1.89E-02	2.88E-03	3.68E-04	8.70E-02	1.94E+00	0.00E+00	2.60E-09	3.40E-09	3.92E-04	1.02E-05	2.59E-01	0.00E+00	1.94E+00	4.81E-09	1.94E+00	2.20E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
VS118TF	4.18E-04	1.85E-01	3.38E-02	1.51E-01	0.00E+00	0.00E+00	2.11E+00	2.03E-06	1.94E-04	1.21E-03	0.00E+00	3.56E-03	1.61E-08	4.72E-10	2.26E-02	3.89E-04	1.39E-02	2.41E-03	2.64E-04	6.25E-02	1.40E+00	0.00E+00	1.88E-09	2.46E-09	2.84E-04	7.36E-06	1.87E-01	0.00E+00	1.40E+00	3.47E-09	1.40E+00	1.59E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	1.13E-02
VS118TJ	4.80E-04	2.14E-01	3.88E-02	1.75E-01	0.00E+00	0.00E+00	2.42E+00	2.33E-06	2.23E-04	1.40E-03	0.00E+00	4.09E-03	1.84E-08	5.42E-10	2.61E-02	4.46E-04	1.59E-02	2.62E-03	3.06E-04	7.24E-02	1.61E+00	0.00E+00	2.16E-09	2.83E-09	3.26E-04	8.48E-06	2.16E-01	0.00E+00	1.61E+00	4.00E-09	1.61E+00	1.83E+00	2.16E-01	0.00E+00	0.00E+00	0.00E+00	1.31E-02
VS118TJ1	4.39E-04	1.95E-01	3.55E-02	1.59E-01	0.00E+00	0.00E+00	2.21E+00	2.13E-06	2.04E-04	1.28E-03	0.00E+00	3.74E-03	1.69E-08	4.96E-10	2.38E-02	4.08E-04	1.45E-02	2.55E-03	2.78E-04	6.58E-02	1.47E+00	0.00E+00	1.97E-09	2.58E-09	2.98E-04	7.73E-06	1.97E-01	0.00E+00	1.47E+00	3.65E-09	1.47E+00	1.67E+00	1.97E-01	0.00E+00	0.00E+00	0.00E+00	1.19E-02
VS118TM	5.01E-04	2.23E-01	4.05E-02	1.83E-01	0.00E+00	0.00E+00	2.52E+00	2.44E-06	2.33E-04	1.46E-03	0.00E+00	4.27E-03	1.92E-08	5.66E-10	2.73E-02	4.65E-04	1.65E-02	2.71E-03	3.19E-04	7.56E-02	1.68E+00	0.00E+00	2.25E-09	2.95E-09	3.40E-04	8.86E-06	2.25E-01	0.00E+00	1.68E+00	4.17E-09	1.68E+00	1.91E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	1.37E-02
VS118TP	5.75E-04	2.57E-01	4.64E-02	2.11E-01	0.00E+00	0.00E+00	2.89E+00	2.80E-06	2.67E-04	1.67E-03	0.00E+00	4.89E-03	2.20E-08	6.49E-10	3.15E-02	5.33E-04	1.89E-02	2.98E-03	3.69E-04	8.73E-02	1.93E+00	0.00E+00	2.59E-09	3.39E-09	3.90E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.80E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
VS118TS	1.69E-05	6.64E-04	1.90E-03	1.24E-03	0.00E+00	0.00E+00	1.11E-01	5.96E-08	9.27E-06	4.62E-05	0.00E+00	1.80E-04	9.05E-10	2.20E-11	3.17E-04	2.19E-05	8.39E-04	1.17E-03	4.60E-06	1.35E-03	4.55E-02	0.00E+00	8.28E-11	7.12E-11	1.12E-05	8.25E-08	5.26E-03	0.00E+00	4.55E-02	5.69E-11	4.55E-02	5.07E-02	5.26E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-04
VS122PD	4.43E-05	1.29E-02	3.97E-03	8.93E-03	0.00E+00	0.00E+00	2.40E-01	1.89E-07	2.13E-05	1.22E-04	0.00E+00	4.00E-04	1.89E-09	5.13E-11	1.21E-03	4.56E-05	2.05E-03	1.68E-03	1.34E-05	2.92E-03	1.34E-01	0.00E+00	2.00E-10	2.28E-10	2.90E-05	5.63E-07	1.72E-02	0.00E+00	1.34E-01	2.82E-10	1.34E-01	1.51E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	5.74E-04
VS122PF	6.34E-04	2.84E-01	5.14E-02	2.33E-01	0.00E+00	0.00E+00	3.20E+00	3.10E-06	2.95E-04	1.85E-03	0.00E+00	5.42E-03	2.44E-08	7.18E-10	3.48E-02	5.90E-04	2.11E-02	3.43E-03	4.07E-04	9.64E-02	2.14E+00	0.00E+00	2.86E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS122PJ	1.79E-05	6.79E-04	1.87E-03	1.19E-03	0.00E+00	0.00E+00	1.08E-01	5.86E-08	9.09E-06	4.53E-05	0.00E+00	1.76E-04	8.87E-10	2.16E-11	3.07E-04	2.15E-05	1.17E-03	1.57E-03	4.46E-06	1.31E-03	4.47E-02	0.00E+00	8.12E-11	7.00E-11	1.10E-05	8.19E-08	5.17E-03	0.00E+00	4.47E-02	5.62E-11	4.47E-02	4.99E-02	5.17E-03	0.00E+00	0.00E+00	0.00E+00	1.92E-04
VS122PM	6.35E-04	2.84E-01	5.14E-02	2.33E-01	0.00E+00	0.00E+00	3.20E+00	3.10E-06	2.96E-04	1.85E-03	0.00E+00	5.42E-03	2.44E-08	7.18E-10	3.48E-02	5.90E-04	2.11E-02	3.50E-03	4.07E-04	9.64E-02	2.14E+00	0.00E+00	2.86E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS122PP	7.31E-04	3.36E-01	5.93E-02	2.77E-01	0.00E+00	0.00E+00	3.70E+00	3.62E-06	3.43E-04	2.16E-03	0.00E+00	6.27E-03	2.82E-08	8.33E-10	4.15E-02	6.81E-04	2.63E-02	5.91E-03	4.86E-04	1.15E-01	2.50E+00	0.00E+00	3.33E-09	4.39E-09	5.03E-04	1.33E-05	3.35E-01	0.00E+00	2.50E+00	6.24E-09	2.50E+00	2.83E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	2.09E-02
VS122PS	7.39E-04	3.40E-01	5.99E-02	2.80E-01	0.00E+00	0.00E+00	3.74E+00	3.66E-06	3.46E-04	2.18E-03	0.00E+00	6.34E-03	2.85E-08	8.42E-10	4.19E-02	6.89E-04	2.67E-02	6.01E-03	4.91E-04	1.17E-01	2.52E+00	0.00E+00	3.36E-09	4.43E-09	5.08E-04	1.34E-05	3.38E-01	0.00E+00	2.52E+00	6.31E-09	2.52E+00	2.86E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	2.11E-02
VS122PY	6.34E-04	2.84E-01	5.14E-02	2.33E-01	0.00E+00	0.00E+00	3.20E+00	3.10E-06	2.96E-04	1.85E-03	0.00E+00	5.42E-03	2.44E-08	7.19E-10	3.48E-02	5.90E-04	2.11E-02	3.52E-03	4.07E-04	9.64E-02	2.14E+00	0.00E+00	2.87E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS122TA	6.36E-04	2.84E-01	5.13E-02	2.33E-01	0.00E+00	0.00E+00	3.19E+00	3.09E-06	2.95E-04	1.85E-03	0.00E+00	5.41E-03	2.44E-08	7.17E-10	3.48E-02	5.89E-04	2.09E-02	3.16E-03	4.07E-04	9.65E-02	2.14E+00	0.00E+00	2.86E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS122TD	6.36E-04	2.84E-01	5.13E-02	2.33E-01	0.00E+00	0.00E+00	3.19E+00	3.09E-06	2.95E-04	1.85E-03	0.00E+00	5.41E-03	2.43E-08	7.17E-10	3.48E-02	5.89E-04	2.09E-02	3.16E-03	4.07E-04	9.65E-02	2.14E+00	0.00E+00	2.86E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS122TF	6.36E-04	2.84E-01	5.13E-02	2.33E-01	0.00E+00	0.00E+00	3.19E+00	3.09E-06	2.95E-04	1.85E-03	0.00E+00	5.41E-03	2.44E-08	7.17E-10	3.48E-02	5.89E-04	2.09E-02	3.13E-03	4.07E-04	9.65E-02	2.14E+00	0.00E+00	2.86E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS122TJ	4.86E-04	2.15E-01	3.92E-02	1.76E-01	0.00E+00	0.00E+00	2.44E+00	2.35E-06	2.25E-04	1.41E-03	0.00E+00	4.13E-03	1.86E-08	5.47E-10	2.63E-02	4.50E-04	1.60E-02	2.66E-03	3.07E-04	7.27E-02	1.63E+00	0.00E+00	2.18E-09	2.85E-09	3.29E-04	8.54E-06	2.17E-01	0.00E+00	1.63E+00	4.03E-09	1.63E+00	1.84E+00	2.17E-01	0.00E+00	0.00E+00	0.00E+00	1.32E-02
VS122TM	6.37E-04	2.84E-01	5.13E-02	2.33E-01	0.00E+00	0.00E+00	3.20E+00	3.09E-06	2.95E-04	1.85E-03	0.00E+00	5.41E-03	2.44E-08	7.18E-10	3.48E-02	5.89E-04	2.08E-02	3.20E-03	4.07E-04	9.65E-02	2.14E+00	0.00E+00	2.86E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS122TP	6.36E-04	2.84E-01	5.13E-02	2.33E-01	0.00E+00	0.00E+00	3.19E+00	3.09E-06	2.95E-04	1.85E-03	0.00E+00	5.41E-03	2.44E-08	7.17E-10	3.48E-02	5.89E-04	2.08E-02	3.20E-03	4.07E-04	9.65E-02	2.14E+00	0.00E+00	2.86E-09	3.75E-09	4.32E-04	1.13E-05	2.86E-01	0.00E+00	2.14E+00	5.31E-09	2.14E+00	2.42E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS212PA	5.73E-04	2.57E-01	4.65E-02	2.11E-01	0.00E+00	0.00E+00	2.90E+00	2.80E-06	2.67E-04	1.67E-03	0.00E+00	4.90E-03	2.21E-08	6.50E-10	3.15E-02	5.34E-04	1.92E-02	2.95E-03	3.68E-04	8.72E-02	1.93E+00	0.00E+00	2.59E-09	3.39E-09	3.91E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.80E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
VS212PD	6.02E-04	2.74E-01	4.91E-02	2.25E-01	0.00E+00	0.00E+00	3.06E+00	2.98E-06	2.83E-04	1.78E-03	0.00E+00	5.19E-03	2.33E-08	6.89E-10	3.37E-02	5.65E-04	2.08E-02	3.75E-03	3.94E-04	9.35E-02	2.05E+00	0.00E+00	2.75E-09	3.61E-09	4.15E-04	1.09E-05	2.75E-01	0.00E+00	2.05E+00	5.12E-09	2.05E+00	2.33E+00	2.75E-01	0.00E+00	0.00E+00	0.00E+00	1.69E-02
VS212PE	5.94E-04	2.71E-01	4.85E-02	2.23E-01	0.00E+00	0.00E+00	3.03E+00	2.94E-06	2.80E-04	1.75E-03	0.00E+00	5.12E-03	2.31E-08	6.80E-10	3.33E-02	5.58E-04	2.06E-02	3.75E-03	3.90E-04	9.24E-02	2.03E+00	0.00E+00	2.71E-09	3.56E-09	4.10E-04	1.07E-05	2.72E-01	0.00E+00	2.03E+00	5.05E-09	2.03E+00	2.30E+00	2.72E-01	0.00E+00	0.00E+00	0.00E+00	1.67E-02
VS212PEB	5.90E-04	2.67E-01	4.85E-02	2.19E-01	0.00E+00	0.00E+00	3.02E+00	2.92E-06	2.79E-04	1.75E-03	0.00E+00	5.12E-03	2.31E-08	6.78E-10	3.26E-02	5.58E-04	1.95E-02	2.61E-03	3.82E-04	9.04E-02	2.02E+00	0.00E+00	2.70E-09	3.53E-09	4.08E-04	1.06E-05	2.70E-01	0.00E+00	2.02E+00	5.00E-09	2.02E+00	2.28E+00	2.70E-01	0.00E+00	0.00E+00	0.00E+00	1.64E-02
VS212PF	2.55E-04	1.11E-01	2.10E-02	8.96E-02	0.00E+00	0.00E+00	1.30E+00	1.24E-06	1.20E-04	7.45E-04	0.00E+00	2.21E-03	9.99E-09	2.91E-10	1.33E-02	2.42E-04	8.83E-03	1.92E-03	1.55E-04	3.66E-02	8.55E-01	0.00E+00	1.16E-09	1.50E-09	1.74E-04	4.42E-06	1.14E-01	0.00E+00	8.55E-01	2.09E-09	8.55E-01	9.69E-01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	6.66E-03
VS212PJ	6.03E-04	2.71E-01	4.89E-02	2.22E-01	0.00E+00	0.00E+00	3.04E+00	2.95E-06	2.81E-04	1.76E-03	0.00E+00	5.15E-03	2.32E-08	6.84E-10	3.32E-02	5.61E-04	2.01E-02	3.06E-03	3.88E-04	9.19E-02	2.03E+00	0.00E+00	2.73E-09	3.57E-09	4.11E-04	1.07E-05	2.72E-01	0.00E+00	2.03E+00	5.06E-09	2.03E+00	2.31E+00	2.72E-01	0.00E+00	0.00E+00	0.00E+00	1.67E-02
VS212PM	4.26E-04	1.89E-01	3.47E-02	1.55E-01	0.00E+00	0.00E+00	2.16E+00	2.08E-06	1.99E-04	1.24E-03	0.00E+00	3.65E-03	1.65E-08	4.84E-10	2.31E-02	3.98E-04	1.43E-02	2.51E-03	2.70E-04	6.38E-02	1.43E+00	0.00E+00	1.93E-09	2.51E-09	2.90E-04	7.52E-06	1.92E-01	0.00E+00	1.43E+00	3.55E-09	1.43E+00	1.63E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	1.16E-02
VS212PP	6.62E-04	3.01E-01	5.42E-02	2.47E-01	0.00E+00	0.00E+00	3.38E+00	3.27E-06	3.12E-04	1.96E-03	0.00E+00	5.72E-03	2.57E-08	7.58E-10	3.69E-02	6.22E-04	2.26E-02	3.75E-03	4.32E-04	1.02E-01	2.26E+00	0.00E+00	3.02E-09	3.97E-09	4.56E-04	1.19E-05	3.03E-01	0.00E+00	2.26E+00	5.62E-09	2.26E+00	2.56E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	1.85E-02
VS212PR	5.63E-04	2.55E-01	4.58E-02	2.09E-01	0.00E+00	0.00E+00	2.85E+00	2.77E-06	2.64E-04	1.65E-03	0.00E+00	4.83E-03	2.17E-08	6.41E-10	3.12E-02	5.26E-04	1.83E-02	2.16E-03	3.65E-04	8.66E-02	1.91E+00	0.00E+00	2.55E-09	3.35E-09	3.86E-04	1.01E-05	2.56E-01	0.00E+00	1.91E+00	4.75E-09	1.91E+00	2.16E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	1.57E-02
VS212PS	6.65E-04	3.03E-01	5.45E-02	2.48E-01	0.00E+00	0.00E+00	3.39E+00	3.29E-06	3.13E-04	1.97E-03	0.00E+00	5.75E-03	2.59E-08	7.62E-10	3.71E-02	6.26E-04	2.27E-02	3.75E-03	4.34E-04	1.03E-01	2.27E+00	0.00E+00	3.04E-09	3.99E-09	4.59E-04	1.20E-05	3.04E-01	0.00E+00	2.27E+00	5.65E-09	2.27E+00	2.57E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
VS212PT	6.09E-04	2.78E-01	4.98E-02	2.28E-01	0.00E+00	0.00E+00	3.10E+00	3.01E-06	2.87E-04	1.80E-03	0.00E+00	5.26E-03	2.37E-08	6.97E-10	3.41E-02	5.72E-04	2.10E-02	3.75E-03	3.99E-04	9.46E-02	2.08E+00	0.00E+00	2.78E-09	3.65E-09	4.20E-04	1.10E-05	2.79E-01	0.00E+00	2.08E+00	5.18E-09	2.08E+00	2.36E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	1.71E-02
VS212PY	6.23E-04	2.80E-01	5.06E-02	2.30E-01	0.00E+00	0.00E+00	3.15E+00	3.05E-06	2.91E-04	1.82E-03	0.00E+00	5.33E-03	2.40E-08	7.07E-10	3.43E-02	5.81E-04	2.07E-02	3.16E-03	4.01E-04	9.51E-02	2.11E+00	0.00E+00	2.82E-09	3.70E-09	4.26E-04	1.11E-05	2.82E-01	0.00E+00	2.11E+00	5.23E-09	2.11E+00	2.39E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-02
VS212PZB	5.86E-04	2.64E-01	4.83E-02	2.16E-01	0.00E+00	0.00E+00	3.00E+00	2.89E-06	2.77E-04	1.73E-03	0.00E+00	5.09E-03	2.29E-08	6.74E-10	3.22E-02	5.55E-04	1.90E-02	2.14E-03	3.76E-04	8.91E-02	2.00E+00	0.00E+00	2.68E-09	3.50E-09	4.05E-04	1.05E-05	2.67E-01	0.00E+00	2.00E+00	4.95E-09	2.00E+00	2.27E+00	2.67E-01	0.00E+00	0.00E+00	0.00E+00	1.62E-02
VS212TA	5.75E-04	2.57E-01	4.64E-02	2.11E-01	0.00E+00	0.00E+00	2.89E+00	2.80E-06	2.67E-04	1.67E-03	0.00E+00	4.90E-03	2.20E-08	6.49E-10	3.15E-02	5.33E-04	1.89E-02	2.69E-03	3.68E-04	8.73E-02	1.93E+00	0.00E+00	2.59E-09	3.39E-09	3.91E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.80E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
VS212TD	6.02E-04	2.74E-01	4.91E-02	2.25E-01	0.00E+00	0.00E+00	3.06E+00	2.98E-06	2.83E-04	1.78E-03	0.00E+00	5.19E-03	2.33E-08	6.89E-10	3.37E-02	5.65E-04	2.08E-02	3.75E-03	3.94E-04	9.35E-02	2.05E+00	0.00E+00	2.75E-09	3.61E-09	4.15E-04	1.09E-05	2.75E-01	0.00E+00	2.05E+00	5.12E-09	2.05E+00	2.33E+00	2.75E-01	0.00E+00	0.00E+00	0.00E+00	1.69E-02
VS212TE	6.04E-04	2.71E-01	4.85E-02	2.22E-01	0.00E+00	0.00E+00	3.02E+00	2.94E-06	2.80E-04	1.75E-03	0.00E+00	5.12E-03	2.31E-08	6.80E-10	3.33E-02	5.57E-04	1.99E-02	2.83E-03	3.89E-04	9.22E-02	2.03E+00	0.00E+00	2.71E-09	3.56E-09	4.09E-04	1.07E-05	2.72E-01	0.00E+00	2.03E+00	5.05E-09	2.03E+00	2.30E+00	2.72E-01	0.00E+00	0.00E+00	0.00E+00	1.67E-02
VS212TF	4.54E-04	2.02E-01	3.67E-02	1.65E-01	0.00E+00	0.00E+00	2.28E+00	2.20E-06	2.11E-04	1.32E-03	0.00E+00	3.87E-03	1.74E-08	5.13E-10	2.46E-02	4.22E-04	1.50E-02	2.25E-03	2.88E-04	6.81E-02	1.52E+00	0.00E+00	2.04E-09	2.67E-09	3.08E-04	8.00E-06	2.04E-01	0.00E+00	1.52E+00	3.77E-09	1.52E+00	1.73E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
VS212TJ	6.52E-04	2.92E-01	5.26E-02	2.40E-01	0.00E+00	0.00E+00	3.28E+00	3.18E-06	3.03E-04	1.90E-03	0.00E+00	5.55E-03	2.50E-08	7.36E-10	3.59E-02	6.04E-04	2.14E-02	2.94E-03	4.20E-04	9.94E-02	2.19E+00	0.00E+00	2.93E-09	3.85E-09	4.43E-04	1.16E-05	2.94E-01	0.00E+00	2.19E+00	5.46E-09	2.19E+00	2.49E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	1.80E-02
VS212TM	3.09E-04	1.35E-01	2.51E-02	1.10E-01	0.00E+00	0.00E+00	1.56E+00	1.49E-06	1.44E-04	8.96E-04	0.00E+00	2.64E-03	1.19E-08	3.49E-10	1.64E-02	2.89E-04	1.03E-02	1.86E-03	1.91E-04	4.52E-02	1.03E+00	0.00E+00	1.39E-09	1.81E-09	2.09E-04	5.38E-06	1.38E-01	0.00E+00	1.03E+00	2.54E-09	1.03E+00	1.17E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	8.21E-03
VS212TR	2.91E-04	1.30E-01	2.40E-02	1.06E-01	0.00E+00	0.00E+00	1.49E+00	1.43E-06	1.37E-04	8.57E-04	0.00E+00	2.52E-03	1.14E-08	3.34E-10	1.58E-02	2.75E-04	9.52E-03	1.31E-03	1.84E-04	4.35E-02	9.88E-01	0.00E+00	1.33E-09	1.73E-09	2.00E-04	5.16E-06	1.32E-01	0.00E+00	9.88E-01	2.44E-09	9.88E-01	1.12E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	7.90E-03
VS212TS	9.72E-06	1.07E-03	9.18E-04	1.56E-04	0.00E+00	0.00E+00	5.39E-02	3.29E-08	4.60E-06	2.40E-05	0.00E+00	8.82E-05	4.36E-10	1.10E-11	3.02E-05	1.05E-05	1.27E-03	9.55E-04	7.15E-07	2.76E-04	2.45E-02	0.00E+00	4.17E-11	3.95E-11	5.78E-06	6.54E-08	2.94E-03	0.00E+00	2.45E-02	3.81E-11	2.45E-02	2.74E-02	2.94E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-05
VS212TY	5.75E-04	2.57E-01	4.65E-02	2.11E-01	0.00E+00	0.00E+00	2.89E+00	2.80E-06	2.67E-04	1.67E-03	0.00E+00	4.90E-03	2.21E-08	6.50E-10	3.15E-02	5.34E-04	1.88E-02	2.76E-03	3.68E-04	8.72E-02	1.93E+00	0.00E+00	2.59E-09	3.39E-09	3.91E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.80E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
VS218PA	7.08E-04	3.25E-01	5.73E-02	2.68E-01	0.00E+00	0.00E+00	3.58E+00	3.50E-06	3.31E-04	2.08E-03	0.00E+00	6.06E-03	2.72E-08	8.06E-10	4.02E-02	6.59E-04	2.53E-02	5.08E-03	4.70E-04	1.12E-01	2.41E+00	0.00E+00	3.22E-09	4.24E-09	4.86E-04	1.29E-05	3.24E-01	0.00E+00	2.41E+00	6.04E-09	2.41E+00	2.74E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
VS218PD	6.20E-04	2.85E-01	5.03E-02	2.35E-01	0.00E+00	0.00E+00	3.14E+00	3.07E-06	2.90E-04	1.83E-03	0.00E+00	5.32E-03	2.39E-08	7.06E-10	3.52E-02	5.77E-04	2.25E-02	5.16E-03	4.13E-04	9.80E-02	2.12E+00	0.00E+00	2.82E-09	3.72E-09	4.26E-04	1.13E-05	2.84E-01	0.00E+00	2.12E+00	5.30E-09	2.12E+00	2.40E+00	2.84E-01	0.00E+00	0.00E+00	0.00E+00	1.77E-02
VS218PDE	2.92E-04	1.35E-01	2.42E-02	1.11E-01	0.00E+00	0.00E+00	1.51E+00	1.47E-06	1.40E-04	8.76E-04	0.00E+00	2.56E-03	1.15E-08	3.40E-10	1.66E-02	2.78E-04	1.16E-02	3.65E-03	1.95E-04	4.62E-02	1.01E+00	0.00E+00	1.35E-09	1.78E-09	2.04E-04	5.36E-06	1.36E-01	0.00E+00	1.01E+00	2.52E-09	1.01E+00	1.15E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	8.36E-03
VS218PES	6.75E-04	3.10E-01	5.49E-02	2.55E-01	0.00E+00	0.00E+00	3.42E+00	3.34E-06	3.17E-04	1.99E-03	0.00E+00	5.80E-03	2.61E-08	7.70E-10	3.82E-02	6.30E-04	2.41E-02	5.16E-03	4.47E-04	1.06E-01	2.31E+00	0.00E+00	3.07E-09	4.05E-09	4.65E-04	1.23E-05	3.09E-01	0.00E+00	2.31E+00	5.76E-09	2.31E+00	2.61E+00	3.09E-01	0.00E+00	0.00E+00	0.00E+00	1.92E-02
VS218PF	6.49E-04	2.98E-01	5.26E-02	2.46E-01	0.00E+00	0.00E+00	3.28E+00	3.21E-06	3.04E-04	1.91E-03	0.00E+00	5.56E-03	2.50E-08	7.39E-10	3.68E-02	6.04E-04	2.34E-02	4.84E-03	4.31E-04	1.02E-01	2.21E+00	0.00E+00	2.95E-09	3.89E-09	4.46E-04	1.18E-05	2.97E-01	0.00E+00	2.21E+00	5.54E-09	2.21E+00	2.51E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	1.85E-02
VS218PJ	2.21E-04	1.02E-01	1.83E-02	8.33E-02	0.00E+00	0.00E+00	1.14E+00	1.10E-06	1.05E-04	6.60E-04	0.00E+00	1.93E-03	8.68E-09	2.56E-10	1.25E-02	2.10E-04	9.53E-03	3.56E-03	1.46E-04	3.45E-02	7.62E-01	0.00E+00	1.02E-09	1.34E-09	1.54E-04	4.02E-06	1.02E-01	0.00E+00	7.62E-01	1.90E-09	7.62E-01	8.64E-01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	6.25E-03
VS218PJ1	6.49E-04	2.98E-01	5.26E-02	2.46E-01	0.00E+00	0.00E+00	3.28E+00	3.21E-06	3.04E-04	1.91E-03	0.00E+00	5.56E-03	2.50E-08	7.39E-10	3.68E-02	6.04E-04	2.33E-02	4.96E-03	4.31E-04	1.02E-01	2.21E+00	0.00E+00	2.95E-09	3.89E-09	4.46E-04	1.18E-05	2.97E-01	0.00E+00	2.21E+00	5.54E-09	2.21E+00	2.51E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	1.85E-02
VS218PM	3.84E-04	1.76E-01	3.13E-02	1.45E-01	0.00E+00	0.00E+00	1.95E+00	1.90E-06	1.81E-04	1.13E-03	0.00E+00	3.31E-03	1.49E-08	4.39E-10	2.17E-02	3.60E-04	1.47E-02	4.11E-03	2.54E-04	6.02E-02	1.31E+00	0.00E+00	1.75E-09	2.31E-09	2.65E-04	6.97E-06	1.76E-01	0.00E+00	1.31E+00	3.28E-09	1.31E+00	1.49E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	1.09E-02
VS218PP	6.83E-04	3.13E-01	5.55E-02	2.58E-01	0.00E+00	0.00E+00	3.46E+00	3.38E-06	3.21E-04	2.01E-03	0.00E+00	5.87E-03	2.64E-08	7.80E-10	3.86E-02	6.38E-04	2.43E-02	5.16E-03	4.52E-04	1.07E-01	2.33E+00	0.00E+00	3.11E-09	4.10E-09	4.70E-04	1.24E-05	3.13E-01	0.00E+00	2.33E+00	5.83E-09	2.33E+00	2.64E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	1.94E-02
VS218PS	6.84E-04	3.14E-01	5.56E-02	2.58E-01	0.00E+00	0.00E+00	3.47E+00	3.38E-06	3.21E-04	2.02E-03	0.00E+00	5.87E-03	2.64E-08	7.80E-10	3.87E-02	6.38E-04	2.43E-02	5.16E-03	4.52E-04	1.07E-01	2.33E+00	0.00E+00	3.11E-09	4.10E-09	4.70E-04	1.24E-05	3.13E-01	0.00E+00	2.33E+00	5.83E-09	2.33E+00	2.65E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	1.94E-02
VS218PT	6.28E-04	2.89E-01	5.09E-02	2.38E-01	0.00E+00	0.00E+00	3.18E+00	3.11E-06	2.94E-04	1.85E-03	0.00E+00	5.39E-03	2.42E-08	7.15E-10	3.57E-02	5.85E-04	2.27E-02	5.16E-03	4.18E-04	9.91E-02	2.14E+00	0.00E+00	2.86E-09	3.77E-09	4.32E-04	1.14E-05	2.88E-01	0.00E+00	2.14E+00	5.36E-09	2.14E+00	2.43E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
VS218PY	7.08E-04	3.25E-01	5.74E-02	2.68E-01	0.00E+00	0.00E+00	3.58E+00	3.50E-06	3.32E-04	2.09E-03	0.00E+00	6.07E-03	2.73E-08	8.06E-10	4.02E-02	6.59E-04	2.52E-02	5.17E-03	4.70E-04	1.12E-01	2.42E+00	0.00E+00	3.22E-09	4.25E-09	4.87E-04	1.29E-05	3.24E-01	0.00E+00	2.42E+00	6.04E-09	2.42E+00	2.74E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
VS218TA	7.10E-04	3.25E-01	5.72E-02	2.68E-01	0.00E+00	0.00E+00	3.57E+00	3.50E-06	3.31E-04	2.08E-03	0.00E+00	6.05E-03	2.72E-08	8.04E-10	4.02E-02	6.57E-04	2.50E-02	4.72E-03	4.71E-04	1.12E-01	2.41E+00	0.00E+00	3.21E-09	4.24E-09	4.86E-04	1.29E-05	3.24E-01	0.00E+00	2.41E+00	6.04E-09	2.41E+00	2.74E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
VS218TD	6.20E-04	2.85E-01	5.03E-02	2.35E-01	0.00E+00	0.00E+00	3.14E+00	3.07E-06	2.90E-04	1.83E-03	0.00E+00	5.32E-03	2.39E-08	7.06E-10	3.52E-02	5.77E-04	2.25E-02	5.16E-03	4.13E-04	9.80E-02	2.12E+00	0.00E+00	2.82E-09	3.72E-09	4.26E-04	1.13E-05	2.84E-01	0.00E+00	2.12E+00	5.30E-09	2.12E+00	2.40E+00	2.84E-01	0.00E+00	0.00E+00	0.00E+00	1.77E-02
VS218TES	7.09E-04	3.25E-01	5.73E-02	2.68E-01	0.00E+00	0.00E+00	3.57E+00	3.50E-06	3.31E-04	2.08E-03	0.00E+00	6.06E-03	2.72E-08	8.05E-10	4.02E-02	6.58E-04	2.50E-02	4.71E-03	4.71E-04	1.12E-01	2.41E+00	0.00E+00	3.21E-09	4.24E-09	4.86E-04	1.29E-05	3.24E-01	0.00E+00	2.41E+00	6.04E-09	2.41E+00	2.74E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
VS218TF	6.12E-04	2.81E-01	4.94E-02	2.31E-01	0.00E+00	0.00E+00	3.08E+00	3.02E-06	2.86E-04	1.80E-03	0.00E+00	5.23E-03	2.35E-08	6.94E-10	3.47E-02	5.68E-04	2.19E-02	4.36E-03	4.06E-04	9.64E-02	2.08E+00	0.00E+00	2.77E-09	3.66E-09	4.19E-04	1.11E-05	2.79E-01	0.00E+00	2.08E+00	5.21E-09	2.08E+00	2.36E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	1.74E-02
VS218TJ	8.31E-04	3.81E-01	6.69E-02	3.14E-01	0.00E+00	0.00E+00	4.18E+00	4.09E-06	3.87E-04	2.44E-03	0.00E+00	7.08E-03	3.18E-08	9.41E-10	4.71E-02	7.69E-04	2.89E-02	5.04E-03	5.52E-04	1.31E-01	2.82E+00	0.00E+00	3.76E-09	4.96E-09	5.68E-04	1.50E-05	3.79E-01	0.00E+00	2.82E+00	7.07E-09	2.82E+00	3.20E+00	3.79E-01	0.00E+00	0.00E+00	0.00E+00	2.37E-02
VS218TJ1	8.13E-04	3.73E-01	6.55E-02	3.07E-01	0.00E+00	0.00E+00	4.09E+00	4.01E-06	3.79E-04	2.38E-03	0.00E+00	6.93E-03	3.11E-08	9.21E-10	4.61E-02	7.53E-04	2.82E-02	5.12E-03	5.40E-04	1.28E-01	2.76E+00	0.00E+00	3.68E-09	4.86E-09	5.56E-04	1.47E-05	3.71E-01	0.00E+00	2.76E+00	6.92E-09	2.76E+00	3.13E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	2.32E-02
VS218TM	7.10E-04	3.25E-01	5.73E-02	2.68E-01	0.00E+00	0.00E+00	3.57E+00	3.50E-06	3.31E-04	2.08E-03	0.00E+00	6.06E-03	2.72E-08	8.05E-10	4.02E-02	6.58E-04	2.49E-02	4.79E-03	4.71E-04	1.12E-01	2.41E+00	0.00E+00	3.21E-09	4.24E-09	4.86E-04	1.29E-05	3.24E-01	0.00E+00	2.41E+00	6.04E-09	2.41E+00	2.74E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
VS218TP	7.10E-04	3.25E-01	5.72E-02	2.68E-01	0.00E+00	0.00E+00	3.57E+00	3.50E-06	3.31E-04	2.08E-03	0.00E+00	6.05E-03	2.72E-08	8.05E-10	4.02E-02	6.57E-04	2.50E-02	4.75E-03	4.71E-04	1.12E-01	2.41E+00	0.00E+00	3.21E-09	4.24E-09	4.86E-04	1.29E-05	3.24E-01	0.00E+00	2.41E+00	6.04E-09	2.41E+00	2.74E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
VS218TS	6.05E-05	2.69E-02	5.20E-03	2.17E-02	0.00E+00	0.00E+00	3.22E-01	3.03E-07	2.96E-05	1.83E-04	0.00E+00	5.44E-04	2.47E-09	7.18E-11	3.23E-03	5.97E-05	3.90E-03	2.78E-03	3.75E-05	8.85E-03	2.10E-01	0.00E+00	2.85E-10	3.67E-10	4.28E-05	1.08E-06	2.80E-02	0.00E+00	2.10E-01	5.12E-10	2.10E-01	2.38E-01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	1.61E-03
VS218TY	7.10E-04	3.25E-01	5.73E-02	2.68E-01	0.00E+00	0.00E+00	3.57E+00	3.50E-06	3.31E-04	2.08E-03	0.00E+00	6.06E-03	2.72E-08	8.05E-10	4.02E-02	6.58E-04	2.49E-02	4.82E-03	4.71E-04	1.12E-01	2.41E+00	0.00E+00	3.21E-09	4.24E-09	4.86E-04	1.29E-05	3.24E-01	0.00E+00	2.41E+00	6.04E-09	2.41E+00	2.74E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
VS312PA	7.17E-04	3.25E-01	5.84E-02	2.67E-01	0.00E+00	0.00E+00	3.64E+00	3.53E-06	3.36E-04	2.11E-03	0.00E+00	6.16E-03	2.77E-08	8.18E-10	3.99E-02	6.71E-04	2.42E-02	3.60E-03	4.66E-04	1.11E-01	2.44E+00	0.00E+00	3.26E-09	4.28E-09	4.92E-04	1.29E-05	3.26E-01	0.00E+00	2.44E+00	6.06E-09	2.44E+00	2.76E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VS312PD	6.95E-04	3.17E-01	5.68E-02	2.60E-01	0.00E+00	0.00E+00	3.54E+00	3.44E-06	3.27E-04	2.05E-03	0.00E+00	6.00E-03	2.70E-08	7.96E-10	3.89E-02	6.53E-04	2.39E-02	4.19E-03	4.55E-04	1.08E-01	2.37E+00	0.00E+00	3.17E-09	4.17E-09	4.79E-04	1.25E-05	3.18E-01	0.00E+00	2.37E+00	5.91E-09	2.37E+00	2.69E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	1.95E-02
VS312PE	7.41E-04	3.12E-01	5.59E-02	2.56E-01	0.00E+00	0.00E+00	3.48E+00	3.38E-06	3.22E-04	2.02E-03	0.00E+00	5.90E-03	2.66E-08	7.83E-10	3.83E-02	6.42E-04	2.36E-02	4.19E-03	4.48E-04	1.06E-01	2.34E+00	0.00E+00	3.12E-09	4.10E-09	4.72E-04	1.24E-05	3.13E-01	0.00E+00	2.34E+00	5.82E-09	2.34E+00	2.65E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	1.92E-02
VS312PF	1.22E-05	7.04E-04	1.81E-03	1.10E-03	0.00E+00	0.00E+00	1.05E-01	5.69E-08	8.81E-06	4.40E-05	0.00E+00	1.71E-04	8.58E-10	2.09E-11	2.89E-04	2.08E-05	1.40E-03	1.41E-03	4.22E-06	1.25E-03	4.34E-02	0.00E+00	7.87E-11	6.81E-11	1.07E-05	8.08E-08	5.03E-03	0.00E+00	4.34E-02	5.50E-11	4.34E-02	4.84E-02	5.03E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-04
VS312PJ	6.82E-04	3.09E-01	5.56E-02	2.53E-01	0.00E+00	0.00E+00	3.46E+00	3.36E-06	3.20E-04	2.01E-03	0.00E+00	5.86E-03	2.64E-08	7.78E-10	3.78E-02	6.38E-04	2.30E-02	3.56E-03	4.43E-04	1.05E-01	2.32E+00	0.00E+00	3.10E-09	4.07E-09	4.68E-04	1.22E-05	3.10E-01	0.00E+00	2.32E+00	5.76E-09	2.32E+00	2.63E+00	3.10E-01	0.00E+00	0.00E+00	0.00E+00	1.90E-02
VS312PM	5.11E-04	2.30E-01	4.18E-02	1.88E-01	0.00E+00	0.00E+00	2.60E+00	2.51E-06	2.40E-04	1.50E-03	0.00E+00	4.41E-03	1.99E-08	5.84E-10	2.81E-02	4.81E-04	1.75E-02	2.99E-03	3.28E-04	7.78E-02	1.74E+00	0.00E+00	2.33E-09	3.05E-09	3.51E-04	9.13E-06	2.32E-01	0.00E+00	1.74E+00	4.30E-09	1.74E+00	1.97E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	1.41E-02

VS312PP	7.63E-04	3.47E-01	6.25E-02	2.84E-01	0.00E+00	0.00E+00	3.89E+00	3.77E-06	3.60E-04	2.25E-03	0.00E+00	6.59E-03	2.97E-08	8.74E-10	4.25E-02	7.18E-04	2.59E-02	4.19E-03	4.97E-04	1.18E-01	2.60E+00	0.00E+00	3.49E-09	4.57E-09	5.26E-04	1.37E-05	3.49E-01	0.00E+00	2.60E+00	6.47E-09	2.60E+00	2.95E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	2.13E-02
VS312PR	8.34E-04	3.82E-01	6.77E-02	3.15E-01	0.00E+00	0.00E+00	4.22E+00	4.12E-06	3.91E-04	2.46E-03	0.00E+00	7.15E-03	3.21E-08	9.50E-10	4.71E-02	7.77E-04	2.74E-02	2.99E-03	5.52E-04	1.31E-01	2.84E+00	0.00E+00	3.79E-09	5.00E-09	5.73E-04	1.51E-05	3.81E-01	0.00E+00	2.84E+00	7.11E-09	2.84E+00	3.22E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	2.37E-02
VS312PS	7.59E-04	3.45E-01	6.21E-02	2.83E-01	0.00E+00	0.00E+00	3.87E+00	3.75E-06	3.58E-04	2.24E-03	0.00E+00	6.56E-03	2.95E-08	8.70E-10	4.23E-02	7.14E-04	2.58E-02	4.19E-03	4.95E-04	1.17E-01	2.59E+00	0.00E+00	3.47E-09	4.55E-09	5.23E-04	1.37E-05	3.47E-01	0.00E+00	2.59E+00	6.44E-09	2.59E+00	2.94E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	2.12E-02
VS312PT	7.12E-04	3.25E-01	5.81E-02	2.67E-01	0.00E+00	0.00E+00	3.62E+00	3.52E-06	3.35E-04	2.10E-03	0.00E+00	6.14E-03	2.76E-08	8.14E-10	4.00E-02	6.67E-04	2.48E-02	4.70E-03	4.68E-04	1.11E-01	2.43E+00	0.00E+00	3.25E-09	4.27E-09	4.91E-04	1.29E-05	3.26E-01	0.00E+00	2.43E+00	6.06E-09	2.43E+00	2.76E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VS312PY	7.18E-04	3.25E-01	5.85E-02	2.66E-01	0.00E+00	0.00E+00	3.64E+00	3.53E-06	3.37E-04	2.11E-03	0.00E+00	6.17E-03	2.78E-08	8.18E-10	3.98E-02	6.72E-04	2.41E-02	3.73E-03	4.66E-04	1.10E-01	2.44E+00	0.00E+00	3.26E-09	4.28E-09	4.92E-04	1.29E-05	3.27E-01	0.00E+00	2.44E+00	6.06E-09	2.44E+00	2.76E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VS312TA	7.20E-04	3.25E-01	5.83E-02	2.67E-01	0.00E+00	0.00E+00	3.63E+00	3.53E-06	3.36E-04	2.11E-03	0.00E+00	6.15E-03	2.77E-08	8.17E-10	3.99E-02	6.70E-04	2.39E-02	3.23E-03	4.67E-04	1.11E-01	2.43E+00	0.00E+00	3.26E-09	4.27E-09	4.92E-04	1.29E-05	3.26E-01	0.00E+00	2.43E+00	6.06E-09	2.43E+00	2.76E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VS312TD	6.95E-04	3.17E-01	5.68E-02	2.60E-01	0.00E+00	0.00E+00	3.54E+00	3.44E-06	3.27E-04	2.05E-03	0.00E+00	6.00E-03	2.70E-08	7.96E-10	3.89E-02	6.53E-04	2.39E-02	4.19E-03	4.55E-04	1.08E-01	2.37E+00	0.00E+00	3.17E-09	4.17E-09	4.79E-04	1.25E-05	3.18E-01	0.00E+00	2.37E+00	5.91E-09	2.37E+00	2.69E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	1.95E-02
VS312TE	7.19E-04	3.25E-01	5.79E-02	2.67E-01	0.00E+00	0.00E+00	3.61E+00	3.52E-06	3.34E-04	2.10E-03	0.00E+00	6.12E-03	2.75E-08	8.13E-10	4.00E-02	6.66E-04	2.39E-02	3.33E-03	4.68E-04	1.11E-01	2.43E+00	0.00E+00	3.24E-09	4.26E-09	4.90E-04	1.29E-05	3.25E-01	0.00E+00	2.43E+00	6.05E-09	2.43E+00	2.75E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	2.01E-02
VS312TF	6.67E-04	3.01E-01	5.41E-02	2.47E-01	0.00E+00	0.00E+00	3.37E+00	3.27E-06	3.11E-04	1.95E-03	0.00E+00	5.70E-03	2.57E-08	7.57E-10	3.69E-02	6.21E-04	2.22E-02	3.00E-03	4.31E-04	1.02E-01	2.25E+00	0.00E+00	3.02E-09	3.96E-09	4.55E-04	1.19E-05	3.02E-01	0.00E+00	2.25E+00	5.61E-09	2.25E+00	2.56E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	1.85E-02
VS312TJ	3.78E-04	1.68E-01	3.08E-02	1.37E-01	0.00E+00	0.00E+00	1.92E+00	1.84E-06	1.77E-04	1.10E-03	0.00E+00	3.25E-03	1.47E-08	4.30E-10	2.04E-02	3.54E-04	1.28E-02	2.22E-03	2.38E-04	5.64E-02	1.27E+00	0.00E+00	1.71E-09	2.23E-09	2.58E-04	6.66E-06	1.70E-01	0.00E+00	1.27E+00	3.15E-09	1.27E+00	1.44E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	1.02E-02
VS312TM	5.28E-04	2.37E-01	4.29E-02	1.94E-01	0.00E+00	0.00E+00	2.67E+00	2.58E-06	2.47E-04	1.55E-03	0.00E+00	4.53E-03	2.04E-08	6.00E-10	2.90E-02	4.93E-04	1.76E-02	2.67E-03	3.39E-04	8.02E-02	1.78E+00	0.00E+00	2.39E-09	3.13E-09	3.61E-04	9.39E-06	2.39E-01	0.00E+00	1.78E+00	4.43E-09	1.78E+00	2.02E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	1.45E-02
VS312TP	7.20E-04	3.25E-01	5.83E-02	2.67E-01	0.00E+00	0.00E+00	3.64E+00	3.53E-06	3.36E-04	2.11E-03	0.00E+00	6.16E-03	2.77E-08	8.17E-10	3.99E-02	6.70E-04	2.38E-02	3.33E-03	4.67E-04	1.11E-01	2.44E+00	0.00E+00	3.26E-09	4.28E-09	4.92E-04	1.29E-05	3.26E-01	0.00E+00	2.44E+00	6.06E-09	2.44E+00	2.76E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VS312TR	7.04E-04	3.23E-01	5.73E-02	2.65E-01	0.00E+00	0.00E+00	3.57E+00	3.48E-06	3.30E-04	2.08E-03	0.00E+00	6.05E-03	2.72E-08	8.03E-10	3.97E-02	6.58E-04	2.32E-02	2.59E-03	4.65E-04	1.10E-01	2.40E+00	0.00E+00	3.21E-09	4.22E-09	4.84E-04	1.28E-05	3.22E-01	0.00E+00	2.40E+00	6.00E-09	2.40E+00	2.72E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VS312TY	7.20E-04	3.25E-01	5.84E-02	2.67E-01	0.00E+00	0.00E+00	3.64E+00	3.53E-06	3.36E-04	2.11E-03	0.00E+00	6.16E-03	2.77E-08	8.17E-10	3.99E-02	6.71E-04	2.37E-02	3.36E-03	4.66E-04	1.11E-01	2.44E+00	0.00E+00	3.26E-09	4.28E-09	4.92E-04	1.29E-05	3.26E-01	0.00E+00	2.44E+00	6.06E-09	2.44E+00	2.76E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VS318PA	8.93E-04	4.06E-01	7.27E-02	3.34E-01	0.00E+00	0.00E+00	4.53E+00	4.40E-06	4.19E-04	2.63E-03	0.00E+00	7.67E-03	3.45E-08	1.02E-09	4.99E-02	8.35E-04	3.14E-02	5.65E-03	5.84E-04	1.39E-01	3.04E+00	0.00E+00	4.06E-09	5.34E-09	6.13E-04	1.61E-05	4.07E-01	0.00E+00	3.04E+00	7.57E-09	3.04E+00	3.45E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	2.51E-02
VS318PD	9.50E-04	4.33E-01	7.76E-02	3.55E-01	0.00E+00	0.00E+00	4.84E+00	4.70E-06	4.47E-04	2.80E-03	0.00E+00	8.19E-03	3.69E-08	1.09E-09	5.32E-02	8.92E-04	3.27E-02	5.80E-03	6.22E-04	1.47E-01	3.24E+00	0.00E+00	4.33E-09	5.69E-09	6.55E-04	1.71E-05	4.34E-01	0.00E+00	3.24E+00	8.07E-09	3.24E+00	3.68E+00	4.34E-01	0.00E+00	0.00E+00	0.00E+00	2.67E-02
VS318PES	1.02E-03	4.64E-01	8.35E-02	3.81E-01	0.00E+00	0.00E+00	5.20E+00	5.05E-06	4.81E-04	3.01E-03	0.00E+00	8.81E-03	3.97E-08	1.17E-09	5.70E-02	9.60E-04	3.48E-02	5.80E-03	6.66E-04	1.58E-01	3.48E+00	0.00E+00	4.66E-09	6.12E-09	7.04E-04	1.84E-05	4.67E-01	0.00E+00	3.48E+00	8.67E-09	3.48E+00	3.95E+00	4.67E-01	0.00E+00	0.00E+00	0.00E+00	2.86E-02
VS318PF	8.98E-04	4.09E-01	7.31E-02	3.36E-01	0.00E+00	0.00E+00	4.56E+00	4.43E-06	4.22E-04	2.65E-03	0.00E+00	7.72E-03	3.47E-08	1.02E-09	5.03E-02	8.40E-04	3.17E-02	5.56E-03	5.88E-04	1.39E-01	3.06E+00	0.00E+00	4.09E-09	5.37E-09	6.17E-04	1.62E-05	4.10E-01	0.00E+00	3.06E+00	7.62E-09	3.06E+00	3.47E+00	4.10E-01	0.00E+00	0.00E+00	0.00E+00	2.53E-02
VS318PJ	1.04E-05	6.81E-04	1.86E-03	1.18E-03	0.00E+00	0.00E+00	1.08E-01	5.84E-08	9.07E-06	4.52E-05	0.00E+00	1.76E-04	8.84E-10	2.15E-11	3.05E-04	2.14E-05	2.91E-03	2.89E-03	4.43E-06	1.31E-03	4.46E-02	0.00E+00	8.10E-11	6.98E-11	1.10E-05	8.18E-08	5.16E-03	0.00E+00	4.46E-02	5.61E-11	4.46E-02	4.97E-02	5.16E-03	0.00E+00	0.00E+00	0.00E+00	1.91E-04
VS318PM	8.04E-04	3.66E-01	6.56E-02	3.00E-01	0.00E+00	0.00E+00	4.09E+00	3.97E-06	3.78E-04	2.37E-03	0.00E+00	6.93E-03	3.12E-08	9.19E-10	4.49E-02	7.54E-04	2.78E-02	4.44E-03	5.25E-04	1.24E-01	2.74E+00	0.00E+00	3.66E-09	4.81E-09	5.53E-04	1.45E-05	3.67E-01	0.00E+00	2.74E+00	6.82E-09	2.74E+00	3.11E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	2.25E-02
VS318PP	1.02E-03	4.66E-01	8.38E-02	3.82E-01	0.00E+00	0.00E+00	5.22E+00	5.06E-06	4.82E-04	3.02E-03	0.00E+00	8.84E-03	3.98E-08	1.17E-09	5.71E-02	9.62E-04	3.49E-02	5.80E-03	6.68E-04	1.58E-01	3.49E+00	0.00E+00	4.67E-09	6.13E-09	7.06E-04	1.84E-05	4.68E-01	0.00E+00	3.49E+00	8.69E-09	3.49E+00	3.96E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	2.87E-02
VS318PS	1.02E-03	4.65E-01	8.37E-02	3.82E-01	0.00E+00	0.00E+00	5.22E+00	5.06E-06	4.82E-04	3.02E-03	0.00E+00	8.84E-03	3.98E-08	1.17E-09	5.71E-02	9.62E-04	3.49E-02	5.80E-03	6.68E-04	1.58E-01	3.49E+00	0.00E+00	4.67E-09	6.13E-09	7.05E-04	1.84E-05	4.68E-01	0.00E+00	3.49E+00	8.69E-09	3.49E+00	3.96E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	2.87E-02
VS318PT	9.65E-04	4.40E-01	7.89E-02	3.61E-01	0.00E+00	0.00E+00	4.92E+00	4.77E-06	4.54E-04	2.85E-03	0.00E+00	8.33E-03	3.75E-08	1.10E-09	5.40E-02	9.06E-04	3.32E-02	5.80E-03	6.31E-04	1.50E-01	3.29E+00	0.00E+00	4.41E-09	5.78E-09	6.65E-04	1.74E-05	4.41E-01	0.00E+00	3.29E+00	8.20E-09	3.29E+00	3.74E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	2.71E-02
VS318PY	8.93E-04	4.06E-01	7.27E-02	3.34E-01	0.00E+00	0.00E+00	4.53E+00	4.41E-06	4.19E-04	2.63E-03	0.00E+00	7.68E-03	3.45E-08	1.02E-09	4.99E-02	8.35E-04	3.13E-02	5.80E-03	5.84E-04	1.38E-01	3.04E+00	0.00E+00	4.06E-09	5.34E-09	6.14E-04	1.61E-05	4.07E-01	0.00E+00	3.04E+00	7.57E-09	3.04E+00	3.45E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	2.51E-02
VS318TA	8.96E-04	4.06E-01	7.25E-02	3.34E-01	0.00E+00	0.00E+00	4.52E+00	4.40E-06	4.18E-04	2.62E-03	0.00E+00	7.66E-03	3.45E-08	1.02E-09	5.00E-02	8.33E-04	3.09E-02	5.10E-03	5.85E-04	1.39E-01	3.04E+00	0.00E+00	4.06E-09	5.33E-09	6.13E-04	1.61E-05	4.07E-01	0.00E+00	3.04E+00	7.57E-09	3.04E+00	3.44E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	2.51E-02
VS318TD	9.50E-04	4.33E-01	7.76E-02	3.55E-01	0.00E+00	0.00E+00	4.84E+00	4.70E-06	4.47E-04	2.80E-03	0.00E+00	8.19E-03	3.69E-08	1.09E-09	5.32E-02	8.92E-04	3.27E-02	5.80E-03	6.22E-04	1.47E-01	3.24E+00	0.00E+00	4.33E-09	5.69E-09	6.55E-04	1.71E-05	4.34E-01	0.00E+00	3.24E+00	8.07E-09	3.24E+00	3.68E+00	4.34E-01	0.00E+00	0.00E+00	0.00E+00	2.67E-02
VS318TES	8.95E-04	4.06E-01	7.28E-02	3.33E-01	0.00E+00	0.00E+00	4.54E+00	4.41E-06	4.20E-04	2.63E-03	0.00E+00	7.69E-03	3.46E-08	1.02E-09	4.99E-02	8.37E-04	3.10E-02	4.96E-03	5.83E-04	1.38E-01	3.04E+00	0.00E+00	4.07E-09	5.34E-09	6.14E-04	1.61E-05	4.08E-01	0.00E+00	3.04E+00	7.58E-09	3.04E+00	3.45E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	2.51E-02
VS318TF	7.60E-04	3.44E-01	6.16E-02	2.82E-01	0.00E+00	0.00E+00	3.84E+00	3.73E-06	3.55E-04	2.23E-03	0.00E+00	6.51E-03	2.93E-08	8.63E-10	4.22E-02	7.08E-04	2.66E-02	4.56E-03	4.94E-04	1.17E-01	2.58E+00	0.00E+00	3.44E-09	4.52E-09	5.20E-04	1.36E-05	3.45E-01	0.00E+00	2.58E+00	6.41E-09	2.58E+00	2.92E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	2.12E-02
VS318TJ	7.75E-04	3.51E-01	6.28E-02	2.88E-01	0.00E+00	0.00E+00	3.92E+00	3.80E-06	3.62E-04	2.27E-03	0.00E+00	6.63E-03	2.98E-08	8.80E-10	4.31E-02	7.22E-04	2.71E-02	4.65E-03	5.04E-04	1.19E-01	2.63E+00	0.00E+00	3.51E-09	4.61E-09	5.30E-04	1.39E-05	3.52E-01	0.00E+00	2.63E+00	6.54E-09	2.63E+00	2.98E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	2.16E-02
VS318TM	9.56E-04	4.34E-01	7.73E-02	3.56E-01	0.00E+00	0.00E+00	4.82E+00	4.69E-06	4.46E-04	2.80E-03	0.00E+00	8.17E-03	3.67E-08	1.08E-09	5.33E-02	8.88E-04	3.21E-02	4.32E-03	6.24E-04	1.48E-01	3.24E+00	0.00E+00	4.32E-09	5.69E-09	6.53E-04	1.72E-05	4.34E-01	0.00E+00	3.24E+00	8.07E-09	3.24E+00	3.67E+00	4.34E-01	0.00E+00	0.00E+00	0.00E+00	2.68E-02
VS318TP	8.96E-04	4.06E-01	7.25E-02	3.34E-01	0.00E+00	0.00E+00	4.52E+00	4.40E-06	4.18E-04	2.63E-03	0.00E+00	7.66E-03	3.45E-08	1.02E-09	5.00E-02	8.33E-04	3.09E-02	5.10E-03	5.85E-04	1.39E-01	3.04E+00	0.00E+00	4.06E-09	5.33E-09	6.13E-04	1.61E-05	4.07E-01	0.00E+00	3.04E+00	7.57E-09	3.04E+00	3.44E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	2.51E-02
VS318TS	1.32E-05	6.02E-04	2.05E-03	1.45E-03	0.00E+00	0.00E+00	1.19E-01	6.36E-08	9.97E-06	4.95E-05	0.00E+00	1.93E-04	9.75E-10	2.36E-11	3.61E-04	2.36E-05	2.37E-03	2.27E-03	5.19E-06	1.52E-03	4.86E-02	0.00E+00	8.89E-11	7.60E-11	1.21E-05	8.51E-08	5.60E-03	0.00E+00	4.86E-02	5.97E-11	4.86E-02	5.42E-02	5.60E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
VS412PA	9.00E-04	4.06E-01	7.35E-02	3.33E-01	0.00E+00	0.00E+00	4.58E+00	4.43E-06	4.23E-04	2.65E-03	0.00E+00	7.75E-03	3.49E-08	1.03E-09	4.97E-02	8.44E-04	3.00E-02	4.05E-03	5.81E-04	1.38E-01	3.06E+00	0.00E+00	4.10E-09	5.36E-09	6.18E-04	1.61E-05	4.09E-01	0.00E+00	3.06E+00	7.59E-09	3.06E+00	3.47E+00	4.09E-01	0.00E+00	0.00E+00	0.00E+00	2.49E-02
VS412PD	9.40E-04	4.27E-01	7.71E-02	3.49E-01	0.00E+00	0.00E+00	4.80E+00	4.65E-06	4.44E-04	2.78E-03	0.00E+00	8.14E-03	3.66E-08	1.08E-09	5.22E-02	8.86E-04	3.16E-02	4.72E-03	6.11E-04	1.45E-01	3.21E+00	0.00E+00	4.30E-09	5.63E-09	6.49E-04	1.69E-05	4.30E-01	0.00E+00	3.21E+00	7.97E-09	3.21E+00	3.64E+00	4.30E-01	0.00E+00	0.00E+00	0.00E+00	2.62E-02
VS412PE	9.22E-04	4.16E-01	7.59E-02	3.40E-01	0.00E+00	0.00E+00	4.73E+00	4.55E-06	4.36E-04	2.73E-03	0.00E+00	8.00E-03	3.61E-08	1.06E-09	5.08E-02	8.72E-04	3.01E-02	3.58E-03	5.93E-04	1.40E-01	3.15E+00	0.00E+00	4.22E-09	5.52E-09	6.37E-04	1.65E-05	4.21E-01	0.00E+00	3.15E+00	7.79E-09	3.15E+00	3.57E+00	4.21E-01	0.00E+00	0.00E+00	0.00E+00	2.55E-02
VS412PF	1.48E-03	6.72E-01	1.20E-01	5.52E-01	0.00E+00	0.00E+00	7.47E+00	7.27E-06	6.91E-04	4.34E-03	0.00E+00	1.27E-02	5.69E-08	1.68E-09	8.26E-02	1.38E-03	4.88E-02	5.65E-03	9.67E-04	2.29E-01	5.02E+00	0.00E+00	6.70E-09	8.81E-09	1.01E-03	2.66E-05	6.73E-01	0.00E+00	5.02E+00	1.25E-08	5.02E+00	5.69E+00	6.73E-01	0.00E+00	0.00E+00	0.00E+00	4.15E-02
VS412PJ	6.06E-04	2.70E-01	4.98E-02	2.21E-01	0.00E+00	0.00E+00	3.10E+00	2.97E-06	2.86E-04	1.78E-03	0.00E+00	5.24E-03	2.37E-08	6.94E-10	3.29E-02	5.72E-04	2.04E-02	3.16E-03	3.84E-04	9.09E-02	2.05E+00	0.00E+00	2.76E-09	3.60E-09	4.16E-04	1.07E-05	2.75E-01	0.00E+00	2.05E+00	5.07E-09	2.05E+00	2.33E+00	2.75E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-02
VS412PM	1.31E-03	5.96E-01	1.07E-01	4.89E-01	0.00E+00	0.00E+00	6.65E+00	6.46E-06	6.15E-04	3.86E-03	0.00E+00	1.13E-02	5.07E-08	1.49E-09	7.32E-02	1.23E-03	4.33E-02	5.31E-03	8.56E-04	2.03E-01	4.46E+00	0.00E+00	5.96E-09	7.83E-09	9.00E-04	2.36E-05	5.97E-01	0.00E+00	4.46E+00	1.11E-08	4.46E+00	5.06E+00	5.97E-01	0.00E+00	0.00E+00	0.00E+00	3.68E-02
VS412PP	1.02E-03	4.61E-01	8.37E-02	3.78E-01	0.00E+00	0.00E+00	5.21E+00	5.03E-06	4.81E-04	3.01E-03	0.00E+00	8.82E-03	3.98E-08	1.17E-09	5.64E-02	9.61E-04	3.39E-02	4.72E-03	6.60E-04	1.56E-01	3.48E+00	0.00E+00	4.66E-09	6.10E-09	7.03E-04	1.83E-05	4.65E-01	0.00E+00	3.48E+00	8.63E-09	3.48E+00	3.94E+00	4.65E-01	0.00E+00	0.00E+00	0.00E+00	2.83E-02
VS412PR	8.80E-06	8.22E-04	1.52E-03	7.00E-04	0.00E+00	0.00E+00	8.86E-02	4.93E-08	7.46E-06	3.76E-05	0.00E+00	1.44E-04	7.23E-10	1.77E-11	2.06E-04	1.75E-05	4.01E-04	6.81E-05	3.10E-06	9.37E-04	3.74E-02	0.00E+00	6.69E-11	5.89E-11	9.12E-06	7.59E-08	4.36E-03	0.00E+00	3.74E-02	4.96E-11	3.74E-02	4.17E-02	4.36E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-04
VS412PS	1.00E-03	4.53E-01	8.22E-02	3.71E-01	0.00E+00	0.00E+00	5.12E+00	4.94E-06	4.72E-04	2.96E-03	0.00E+00	8.66E-03	3.90E-08	1.15E-09	5.54E-02	9.44E-04	3.34E-02	4.72E-03	6.48E-04	1.54E-01	3.41E+00	0.00E+00	4.58E-09	5.99E-09	6.90E-04	1.80E-05	4.57E-01	0.00E+00	3.41E+00	8.47E-09	3.41E+00	3.87E+00	4.57E-01	0.00E+00	0.00E+00	0.00E+00	2.78E-02
VS412PT	9.56E-04	4.33E-01	7.84E-02	3.55E-01	0.00E+00	0.00E+00	4.88E+00	4.72E-06	4.51E-04	2.82E-03	0.00E+00	8.27E-03	3.73E-08	1.10E-09	5.30E-02	9.01E-04	3.20E-02	4.72E-03	6.20E-04	1.47E-01	3.26E+00	0.00E+00	4.37E-09	5.72E-09	6.59E-04	1.72E-05	4.37E-01	0.00E+00	3.26E+00	8.10E-09	3.26E+00	3.70E+00	4.37E-01	0.00E+00	0.00E+00	0.00E+00	2.66E-02
VS412PY	1.58E-05	1.04E-03	2.50E-03	3.54E-03	0.00E+00	0.00E+00	1.44E-01	6.76E-08	1.19E-05	5.63E-05	0.00E+00	2.32E-04	1.19E-09	2.80E-11	7.29E-04	2.88E-05	1.18E-03	1.48E-03	9.86E-06	2.73E-03	5.32E-02	0.00E+00	1.04E-10	8.04E-11	1.38E-05	4.35E-08	5.87E-03	0.00E+00	5.32E-02	4.77E-11	5.32E-02	5.91E-02	5.87E-03	0.00E+00	0.00E+00	0.00E+00	4.24E-04
VS412TA	9.04E-04	4.06E-01	7.33E-02	3.33E-01	0.00E+00	0.00E+00	4.57E+00	4.42E-06	4.22E-04	2.64E-03	0.00E+00	7.74E-03	3.48E-08	1.03E-09	4.97E-02	8.43E-04	2.95E-02	3.53E-03	5.81E-04	1.38E-01	3.05E+00	0.00E+00	4.09E-09	5.36E-09	6.17E-04	1.61E-05	4.09E-01	0.00E+00	3.05E+00	7.58E-09	3.05E+00	3.46E+00	4.09E-01	0.00E+00	0.00E+00	0.00E+00	2.50E-02
VS412TD	9.40E-04	4.27E-01	7.71E-02	3.49E-01	0.00E+00	0.00E+00	4.80E+00	4.65E-06	4.44E-04	2.78E-03	0.00E+00	8.14E-03	3.66E-08	1.08E-09	5.22E-02	8.86E-04	3.16E-02	4.72E-03	6.11E-04	1.45E-01	3.21E+00	0.00E+00	4.30E-09	5.63E-09	6.49E-04	1.69E-05	4.30E-01	0.00E+00	3.21E+00	7.97E-09	3.21E+00	3.64E+00	4.30E-01	0.00E+00	0.00E+00	0.00E+00	2.62E-02
VS412TE	1.20E-03	5.42E-01	9.67E-02	4.45E-01	0.00E+00	0.00E+00	6.03E+00	5.87E-06	5.57E-04	3.50E-03	0.00E+00	1.02E-02	4.59E-08	1.36E-09	6.66E-02	1.11E-03	3.91E-02	4.35E-03	7.80E-04	1.85E-01	4.05E+00	0.00E+00	5.41E-09	7.11E-09	8.17E-04	2.14E-05	5.42E-01	0.00E+00	4.05E+00	1.01E-08	4.05E+00	4.59E+00	5.42E-01	0.00E+00	0.00E+00	0.00E+00	3.35E-02
VS412TF	1.28E-03	5.78E-01	1.03E-01	4.75E-01	0.00E+00	0.00E+00	6.45E+00	6.27E-06	5.96E-04	3.74E-03	0.00E+00	1.09E-02	4.91E-08	1.45E-09	7.11E-02	1.19E-03	4.18E-02	4.47E-03	8.32E-04	1.97E-01	4.32E+00	0.00E+00	5.78E-09	7.59E-09	8.73E-04	2.29E-05	5.79E-01	0.00E+00	4.32E+00	1.08E-08	4.32E+00	4.90E+00	5.79E-01	0.00E+00	0.00E+00	0.00E+00	3.57E-02
VS412TJ	6.45E-04	2.87E-01	5.25E-02	2.34E-01	0.00E+00	0.00E+00	3.27E+00	3.14E-06	3.01E-04	1.88E-03	0.00E+00	5.53E-03	2.49E-08	7.33E-10	3.49E-02	6.03E-04	2.11E-02	2.75E-03	4.08E-04	9.66E-02	2.17E+00	0.00E+00	2.92E-09	3.81E-09	4.40E-04	1.14E-05	2.90E-01	0.00E+00	2.17E+00	5.37E-09	2.17E+00	2.46E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
VS412TM	1.23E-03	5.55E-01	9.95E-02	4.56E-01	0.00E+00	0.00E+00	6.20E+00	6.02E-06	5.73E-04	3.60E-03	0.00E+00	1.05E-02	4.72E-08	1.39E-09	6.82E-02	1.14E-03	4.00E-02	4.51E-03	7.98E-04	1.89E-01	4.16E+00	0.00E+00	5.56E-09	7.30E-09	8.39E-04	2.20E-05	5.57E-01	0.00E+00	4.16E+00	1.04E-08	4.16E+00	4.71E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	3.43E-02
VS412TP	9.04E-04	4.06E-01	7.34E-02	3.33E-01	0.00E+00	0.00E+00	4.57E+00	4.42E-06	4.22E-04	2.64E-03	0.00E+00	7.74E-03	3.49E-08	1.03E-09	4.97E-02	8.43E-04	2.94E-02	3.61E-03	5.81E-04	1.38E-01	3.05E+00	0.00E+00	4.09E-09	5.36E-09	6.17E-04	1.61E-05	4.09E-01	0.00E+00	3.05E+00	7.59E-09	3.05E+00	3.46E+00	4.09E-01	0.00E+00	0.00E+00	0.00E+00	2.50E-02
VS412TR	6.40E-04	2.91E-01	5.22E-02	2.39E-01	0.00E+00	0.00E+00	3.25E+00	3.16E-06	3.01E-04	1.89E-03	0.00E+00	5.51E-03	2.48E-08	7.31E-10	3.57E-02	6.00E-04	2.09E-02	1.97E-03	4.18E-04	9.91E-02	2.18E+00	0.00E+00	2.92E-09	3.83E-09	4.40E-04	1.15E-05	2.92E-01	0.00E+00	2.18E+00	5.43E-09	2.18E+00	2.47E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	1.80E-02
VS418PA	1.10E-03	5.01E-01	8.95E-02	4.12E-01	0.00E+00	0.00E+00	5.58E+00	5.43E-06	5.16E-04	3.24E-03	0.00E+00	9.45E-03	4.25E-08	1.25E-09	6.16E-02	1.03E-03	3.87E-02	6.85E-03	7.21E-04	1.71E-01	3.75E+00	0.00E+00	5.00E-09	6.58E-09	7.56E-04	1.98E-05	5.02E-01	0.00E+00	3.75E+00	9.34E-09	3.75E+00	4.25E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	3.10E-02
VS418PD	1.14E-03	5.19E-01	9.33E-02	4.25E-01	0.00E+00	0.00E+00	5.81E+00	5.64E-06	5.37E-04	3.37E-03	0.00E+00	9.85E-03	4.43E-08	1.31E-09	6.36E-02	1.07E-03	3.89E-02	6.48E-03	7.44E-04	1.76E-01	3.89E+00	0.00E+00	5.21E-09	6.83E-09	7.86E-04	2.06E-05	5.21E-01	0.00E+00	3.89E+00	9.68E-09	3.89E+00	4.41E+00	5.21E-01	0.00E+00	0.00E+00	0.00E+00	3.19E-02
VS418PES	1.21E-03	5.49E-01	9.89E-02	4.50E-01	0.00E+00	0.00E+00	6.16E+00	5.97E-06	5.69E-04	3.57E-03	0.00E+00	1.04E-02	4.70E-08	1.38E-09	6.72E-02	1.14E-03	4.09E-02	6.48E-03	7.86E-04	1.86E-01	4.12E+00	0.00E+00	5.52E-09	7.23E-09	8.33E-04	2.17E-05	5.52E-01	0.00E+00	4.12E+00	1.02E-08	4.12E+00	4.67E+00	5.52E-01	0.00E+00	0.00E+00	0.00E+00	3.38E-02
VS418PF	8.30E-04	3.79E-01	6.82E-02	3.11E-01	0.00E+00	0.00E+00	4.25E+00	4.12E-06	3.93E-04	2.46E-03	0.00E+00	7.20E-03	3.24E-08	9.55E-10	4.65E-02	7.83E-04	3.02E-02	5.91E-03	5.44E-04	1.29E-01	2.84E+00	0.00E+00	3.81E-09	4.99E-09	5.75E-04	1.50E-05	3.81E-01	0.00E+00	2.84E+00	7.07E-09	2.84E+00	3.23E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	2.33E-02
VS418PJ	1.07E-03	4.88E-01	8.72E-02	4.00E-01	0.00E+00	0.00E+00	5.43E+00	5.28E-06	5.02E-04	3.15E-03	0.00E+00	9.20E-03	4.14E-08	1.22E-09	5.99E-02	1.00E-03	3.78E-02	6.66E-03	7.01E-04	1.66E-01	3.65E+00	0.00E+00	4.87E-09	6.40E-09	7.36E-04	1.93E-05	4.88E-01	0.00E+00	3.65E+00	9.09E-09	3.65E+00	4.13E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	3.01E-02
VS418PM	1.13E-03	5.15E-01	9.20E-02	4.23E-01	0.00E+00	0.00E+00	5.73E+00	5.58E-06	5.30E-04	3.33E-03	0.00E+00	9.71E-03	4.37E-08	1.29E-09	6.33E-02	1.06E-03	3.95E-02	7.06E-03	7.40E-04	1.76E-01	3.85E+00	0.00E+00	5.14E-09	6.76E-09	7.76E-04	2.04E-05	5.16E-01	0.00E+00	3.85E+00	9.59E-09	3.85E+00	4.36E+00	5.16E-01	0.00E+00	0.00E+00	0.00E+00	3.18E-02
VS418PP	1.22E-03	5.56E-01	1.00E-01	4.56E-01	0.00E+00	0.00E+00	6.25E+00	6.05E-06	5.77E-04	3.62E-03	0.00E+00	1.06E-02	4.77E-08	1.40E-09	6.81E-02	1.15E-03	4.14E-02	6.48E-03	7.97E-04	1.89E-01	4.18E+00	0.00E+00	5.60E-09	7.33E-09	8.44E-04	2.20E-05	5.59E-01	0.00E+00	4.18E+00	1.04E-08	4.18E+00	4.74E+00	5.59E-01	0.00E+00	0.00E+00	0.00E+00	3.42E-02
VS418PR	1.52E-03	6.90E-01	1.25E-01	5.65E-01	0.00E+00	0.00E+00	7.78E+00	7.53E-06	7.19E-04	4.50E-03	0.00E+00	1.32E-02	5.94E-08	1.75E-09	8.45E-02	1.44E-03	4.81E-02	5.12E-03	9.87E-04	2.34E-01	5.20E+00	0.00E+00	6.96E-09	9.12E-09	1.05E-03	2.74E-05	6.96E-01	0.00E+00	5.20E+00	1.29E-08	5.20E+00	5.89E+00	6.96E-01	0.00E+00	0.00E+00	0.00E+00	4.24E-02
VS418PS	1.21E-03	5.51E-01	9.94E-02	4.52E-01	0.00E+00	0.00E+00	6.19E+00	6.00E-06	5.72E-04	3.59E-03	0.00E+00	1.05E-02	4.72E-08	1.39E-09	6.76E-02	1.14E-03	4.11E-02	6.48E-03	7.90E-04	1.87E-01	4.14E+00	0.00E+00	5.55E-09	7.27E-09	8.37E-04	2.19E-05	5.55E-01	0.00E+00	4.14E+00	1.03E-08	4.14E+00	4.70E+00	5.55E-01	0.00E+00	0.00E+00	0.00E+00	3.39E-02
VS418PT	1.16E-03	5.26E-01	9.46E-02	4.31E-01	0.00E+00	0.00E+00	5.89E+00	5.71E-06	5.45E-04	3.41E-03	0.00E+00	9.98E-03	4.49E-08	1.32E-09	6.44E-02	1.09E-03	3.93E-02	6.48E-03	7.54E-04	1.79E-01	3.94E+00	0.00E+00	5.28E-09	6.92E-09	7.97E-04	2.08E-05	5.28E-01	0.00E+00	3.94E+00	9.81E-09	3.94E+00	4.47E+00	5.28E-01	0.00E+00	0.00E+00	0.00E+00	3.24E-02
VS418PY	1.10E-03	5.01E-01	8.96E-02	4.12E-01	0.00E+00	0.00E+00	5.58E+00	5.43E-06	5.16E-04	3.24E-03	0.00E+00	9.46E-03	4.26E-08	1.26E-09	6.16E-02	1.03E-03	3.86E-02	7.00E-03	7.21E-04	1.71E-01	3.75E+00	0.00E+00	5.01E-09	6.58E-09	7.56E-04	1.98E-05	5.02E-01	0.00E+00	3.75E+00	9.34E-09	3.75E+00	4.25E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	3.09E-02
VS418TA	1.10E-03	5.01E-01	8.94E-02	4.12E-01	0.00E+00	0.00E+00	5.57E+00	5.42E-06	5.15E-04	3.24E-03	0.00E+00	9.44E-03	4.25E-08	1.25E-09	6.17E-02	1.03E-03	3.81E-02	6.15E-03	7.21E-04	1.71E-01	3.74E+00	0.00E+00	5.00E-09	6.57E-09	7.55E-04	1.98E-05	5.02E-01	0.00E+00	3.74E+00	9.33E-09	3.74E+00	4.24E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	3.10E-02
VS418TD	1.14E-03	5.19E-01	9.33E-02	4.25E-01	0.00E+00	0.00E+00	5.81E+00	5.64E-06	5.37E-04	3.37E-03	0.00E+00	9.85E-03	4.43E-08	1.31E-09	6.36E-02	1.07E-03	3.89E-02	6.48E-03	7.44E-04	1.76E-01	3.89E+00	0.00E+00	5.21E-09	6.83E-09	7.86E-04	2.06E-05	5.21E-01	0.00E+00	3.89E+00	9.68E-09	3.89E+00	4.41E+00	5.21E-01	0.00E+00	0.00E+00	0.00E+00	3.19E-02
VS418TES	1.10E-03	5.01E-01	8.95E-02	4.12E-01	0.00E+00	0.00E+00	5.58E+00	5.43E-06	5.16E-04	3.24E-03	0.00E+00	9.45E-03	4.25E-08	1.25E-09	6.16E-02	1.03E-03	3.81E-02	6.11E-03	7.21E-04	1.71E-01	3.74E+00	0.00E+00	5.00E-09	6.58E-09	7.56E-04	1.98E-05	5.02E-01	0.00E+00	3.74E+00	9.34E-09	3.74E+00	4.25E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	3.10E-02
VS418TF	8.65E-04	3.93E-01	7.04E-02	3.22E-01	0.00E+00	0.00E+00	4.39E+00	4.26E-06	4.06E-04	2.54E-03	0.00E+00	7.43E-03	3.35E-08	9.86E-10	4.82E-02	8.09E-04	3.05E-02	5.31E-03	5.64E-04	1.34E-01	2.94E+00	0.00E+00	3.93E-09	5.16E-09	5.94E-04	1.56E-05	3.94E-01	0.00E+00	2.94E+00	7.32E-09	2.94E+00	3.34E+00	3.94E-01	0.00E+00	0.00E+00	0.00E+00	2.42E-02
VS418TJ	1.07E-03	4.88E-01	8.70E-02	4.01E-01	0.00E+00	0.00E+00	5.42E+00	5.28E-06	5.02E-04	3.15E-03	0.00E+00	9.19E-03	4.13E-08	1.22E-09	6.00E-02	1.00E-03	3.72E-02	5.97E-03	7.02E-04	1.66E-01	3.64E+00	0.00E+00	4.87E-09	6.40E-09	7.35E-04	1.93E-05	4.88E-01	0.00E+00	3.64E+00	9.08E-09	3.64E+00	4.13E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	3.01E-02
VS418TM	1.19E-03	5.42E-01	9.66E-02	4.45E-01	0.00E+00	0.00E+00	6.02E+00	5.86E-06	5.57E-04	3.50E-03	0.00E+00	1.02E-02	4.59E-08	1.35E-09	6.67E-02	1.11E-03	4.08E-02	6.55E-03	7.80E-04	1.85E-01	4.04E+00	0.00E+00	5.40E-09	7.10E-09	8.16E-04	2.14E-05	5.42E-01	0.00E+00	4.04E+00	1.01E-08	4.04E+00	4.59E+00	5.42E-01	0.00E+00	0.00E+00	0.00E+00	3.35E-02
VS418TP	1.10E-03	5.01E-01	8.94E-02	4.12E-01	0.00E+00	0.00E+00	5.57E+00	5.43E-06	5.15E-04	3.24E-03	0.00E+00	9.44E-03	4.25E-08	1.25E-09	6.16E-02	1.03E-03	3.80E-02	6.26E-03	7.21E-04	1.71E-01	3.74E+00	0.00E+00	5.00E-09	6.57E-09	7.55E-04	1.98E-05	5.02E-01	0.00E+00	3.74E+00	9.33E-09	3.74E+00	4.24E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	3.10E-02
VS418TS	1.13E-03	5.15E-01	9.19E-02	4.23E-01	0.00E+00	0.00E+00	5.73E+00	5.57E-06	5.30E-04	3.32E-03	0.00E+00	9.70E-03	4.36E-08	1.29E-09	6.33E-02	1.06E-03	3.91E-02	6.17E-03	7.41E-04	1.76E-01	3.85E+00	0.00E+00	5.14E-09	6.75E-09	7.76E-04	2.04E-05	5.15E-01	0.00E+00	3.85E+00	9.59E-09	3.85E+00	4.36E+00	5.15E-01	0.00E+00	0.00E+00	0.00E+00	3.18E-02
VS418TY	1.10E-03	5.01E-01	8.94E-02	4.12E-01	0.00E+00	0.00E+00	5.58E+00	5.43E-06	5.16E-04	3.24E-03	0.00E+00	9.45E-03	4.25E-08	1.25E-09	6.16E-02	1.03E-03	3.79E-02	6.31E-03	7.21E-04	1.71E-01	3.74E+00	0.00E+00	5.00E-09	6.58E-09	7.55E-04	1.98E-05	5.02E-01	0.00E+00	3.74E+00	9.34E-09	3.74E+00	4.25E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	3.10E-02
VU12AT	2.05E-04	9.47E-02	1.71E-02	7.76E-02	0.00E+00	0.00E+00	1.07E+00	1.03E-06	9.85E-05	6.17E-04	0.00E+00	1.81E-03	8.13E-09	2.39E-10	1.16E-02	1.97E-04	6.84E-03	1.07E-04	1.36E-04	3.21E-02	7.12E-01	0.00E+00	9.54E-10	1.25E-09	1.44E-04	3.76E-06	9.54E-02	0.00E+00	7.12E-01	1.77E-09	7.12E-01	8.08E-01	9.54E-02	0.00E+00	0.00E+00	0.00E+00	5.83E-03
VU12DKN	3.52E-04	1.63E-01	2.88E-02	1.34E-01	0.00E+00	0.00E+00	1.80E+00	1.76E-06	1.66E-04	1.05E-03	0.00E+00	3.05E-03	1.37E-08	4.05E-10	2.00E-02	3.31E-04	1.17E-02	4.54E-04	2.35E-04	5.56E-02	1.21E+00	0.00E+00	1.62E-09	2.13E-09	2.44E-04	6.43E-06	1.62E-01	0.00E+00	1.21E+00	3.02E-09	1.21E+00	1.37E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	1.01E-02
VU12EP	3.39E-04	1.50E-01	2.83E-02	1.22E-01	0.00E+00	0.00E+00	1.76E+00	1.67E-06	1.62E-04	1.00E-03	0.00E+00	2.97E-03	1.34E-08	3.93E-10	1.81E-02	3.25E-04	1.00E-02	9.84E-06	2.12E-04	4.99E-02	1.16E+00	0.00E+00	1.56E-09	2.02E-09	2.35E-04	5.99E-06	1.54E-01	0.00E+00	1.16E+00	2.83E-09	1.16E+00	1.31E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	9.08E-03

VU12ET	1.24E-05	1.12E-03	8.05E-04	3.15E-04	0.00E+00	0.00E+00	4.74E-02	2.99E-08	4.06E-06	2.14E-05	0.00E+00	7.78E-05	3.83E-10	9.70E-12	2.47E-06	9.26E-06	9.85E-04	7.65E-04	2.72E-07	1.53E-04	2.21E-02	0.00E+00	3.70E-11	3.59E-11	5.16E-06	6.34E-08	2.68E-03	0.00E+00	2.21E-02	3.60E-11	2.21E-02	2.48E-02	2.68E-03	0.00E+00	0.00E+00	0.00E+00	1.18E-05
VU12IE	7.66E-04	3.23E-01	6.41E-02	2.58E-01	0.00E+00	0.00E+00	3.97E+00	3.68E-06	3.63E-04	2.24E-03	0.00E+00	6.69E-03	3.05E-08	8.82E-10	3.82E-02	7.37E-04	2.01E-02	1.42E-03	4.44E-04	1.04E-01	2.56E+00	0.00E+00	3.50E-09	4.46E-09	5.24E-04	1.30E-05	3.40E-01	0.00E+00	2.56E+00	6.17E-09	2.56E+00	2.90E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	1.91E-02
VU12LN	1.03E-03	4.56E-01	8.58E-02	3.70E-01	0.00E+00	0.00E+00	5.33E+00	5.06E-06	4.90E-04	3.05E-03	0.00E+00	9.01E-03	4.08E-08	1.19E-09	5.50E-02	9.86E-04	3.04E-02	0.00E+00	6.42E-04	1.51E-01	3.51E+00	0.00E+00	4.74E-09	6.13E-09	7.12E-04	1.82E-05	4.68E-01	0.00E+00	3.51E+00	8.60E-09	3.51E+00	3.97E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	2.75E-02
VU12NA	3.39E-04	1.50E-01	2.83E-02	1.22E-01	0.00E+00	0.00E+00	1.76E+00	1.67E-06	1.62E-04	1.00E-03	0.00E+00	2.97E-03	1.34E-08	3.93E-10	1.81E-02	3.25E-04	1.00E-02	0.00E+00	2.11E-04	4.99E-02	1.16E+00	0.00E+00	1.56E-09	2.02E-09	2.35E-04	5.99E-06	1.54E-01	0.00E+00	1.16E+00	2.83E-09	1.16E+00	1.31E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	9.08E-03
VU12NC	3.39E-04	1.50E-01	2.83E-02	1.22E-01	0.00E+00	0.00E+00	1.76E+00	1.67E-06	1.62E-04	1.00E-03	0.00E+00	2.97E-03	1.34E-08	3.93E-10	1.81E-02	3.25E-04	1.00E-02	9.84E-06	2.12E-04	4.99E-02	1.16E+00	0.00E+00	1.56E-09	2.02E-09	2.35E-04	5.99E-06	1.54E-01	0.00E+00	1.16E+00	2.83E-09	1.16E+00	1.31E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	9.08E-03
VU12ND	3.39E-04	1.50E-01	2.83E-02	1.22E-01	0.00E+00	0.00E+00	1.76E+00	1.67E-06	1.62E-04	1.00E-03	0.00E+00	2.97E-03	1.34E-08	3.93E-10	1.81E-02	3.25E-04	1.00E-02	0.00E+00	2.12E-04	4.99E-02	1.16E+00	0.00E+00	1.56E-09	2.02E-09	2.35E-04	5.99E-06	1.54E-01	0.00E+00	1.16E+00	2.83E-09	1.16E+00	1.31E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	9.08E-03
VU12NE	3.23E-04	1.43E-01	2.70E-02	1.16E-01	0.00E+00	0.00E+00	1.68E+00	1.59E-06	1.54E-04	9.60E-04	0.00E+00	2.84E-03	1.28E-08	3.75E-10	1.73E-02	3.10E-04	9.57E-03	0.00E+00	2.02E-04	4.77E-02	1.10E+00	0.00E+00	1.49E-09	1.93E-09	2.24E-04	5.72E-06	1.47E-01	0.00E+00	1.10E+00	2.71E-09	1.10E+00	1.25E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	8.67E-03
VU12NG	7.07E-04	2.96E-01	5.80E-02	2.38E-01	0.00E+00	0.00E+00	3.59E+00	3.36E-06	3.29E-04	2.03E-03	0.00E+00	6.06E-03	2.75E-08	7.99E-10	3.52E-02	6.66E-04	1.78E-02	3.84E-04	4.10E-04	9.64E-02	2.33E+00	0.00E+00	3.17E-09	4.06E-09	4.76E-04	1.19E-05	3.10E-01	0.00E+00	2.33E+00	5.64E-09	2.33E+00	2.64E+00	3.10E-01	0.00E+00	0.00E+00	0.00E+00	1.76E-02
VU12NK	3.46E-06	7.73E-04	1.64E-03	8.70E-04	0.00E+00	0.00E+00	9.55E-02	5.25E-08	8.04E-06	4.03E-05	0.00E+00	1.56E-04	7.81E-10	1.91E-11	2.41E-04	1.89E-05	3.61E-04	5.68E-04	3.57E-06	1.07E-03	3.99E-02	0.00E+00	7.19E-11	6.28E-11	9.80E-06	7.80E-08	4.65E-03	0.00E+00	3.99E-02	5.19E-11	3.99E-02	4.46E-02	4.65E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-04
VU12NN	5.48E-04	2.55E-01	4.52E-02	2.10E-01	0.00E+00	0.00E+00	2.82E+00	2.75E-06	2.61E-04	1.64E-03	0.00E+00	4.77E-03	2.14E-08	6.34E-10	3.14E-02	5.19E-04	1.80E-02	1.08E-03	3.68E-04	8.72E-02	1.90E+00	0.00E+00	2.53E-09	3.33E-09	3.82E-04	1.01E-05	2.54E-01	0.00E+00	1.90E+00	4.74E-09	1.90E+00	2.15E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
VU12NP	6.65E-04	2.82E-01	5.58E-02	2.27E-01	0.00E+00	0.00E+00	3.45E+00	3.22E-06	3.16E-04	1.95E-03	0.00E+00	5.83E-03	2.65E-08	7.68E-10	3.35E-02	6.41E-04	1.79E-02	1.73E-03	3.90E-04	9.16E-02	2.23E+00	0.00E+00	3.05E-09	3.89E-09	4.57E-04	1.13E-05	2.97E-01	0.00E+00	2.23E+00	5.39E-09	2.23E+00	2.53E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	1.67E-02
VU12NR	3.51E-04	1.63E-01	2.87E-02	1.34E-01	0.00E+00	0.00E+00	1.79E+00	1.75E-06	1.66E-04	1.04E-03	0.00E+00	3.04E-03	1.36E-08	4.04E-10	2.01E-02	3.30E-04	1.17E-02	3.02E-04	2.35E-04	5.58E-02	1.21E+00	0.00E+00	1.61E-09	2.12E-09	2.43E-04	6.43E-06	1.62E-01	0.00E+00	1.21E+00	3.02E-09	1.21E+00	1.37E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	1.01E-02
VU12NSG	6.80E-04	2.82E-01	5.75E-02	2.24E-01	0.00E+00	0.00E+00	3.55E+00	3.26E-06	3.25E-04	1.99E-03	0.00E+00	5.99E-03	2.73E-08	7.87E-10	3.30E-02	6.61E-04	1.71E-02	1.65E-03	3.83E-04	8.97E-02	2.27E+00	0.00E+00	3.12E-09	3.95E-09	4.66E-04	1.14E-05	3.01E-01	0.00E+00	2.27E+00	5.43E-09	2.27E+00	2.57E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	1.64E-02
VU12UA	1.43E-04	6.79E-02	1.17E-02	5.62E-02	0.00E+00	0.00E+00	7.29E-01	7.22E-07	6.77E-05	4.28E-04	0.00E+00	1.24E-03	5.54E-09	1.65E-10	8.45E-03	1.34E-04	5.29E-03	3.76E-04	9.91E-05	2.36E-02	4.97E-01	0.00E+00	6.58E-10	8.75E-10	9.98E-05	2.67E-06	6.68E-02	0.00E+00	4.97E-01	1.25E-09	4.97E-01	5.64E-01	6.68E-02	0.00E+00	0.00E+00	0.00E+00	4.26E-03
VU24EP	4.13E-04	1.83E-01	3.45E-02	1.49E-01	0.00E+00	0.00E+00	2.14E+00	2.04E-06	1.97E-04	1.23E-03	0.00E+00	3.62E-03	1.64E-08	4.79E-10	2.21E-02	3.96E-04	1.22E-02	0.00E+00	2.58E-04	6.09E-02	1.41E+00	0.00E+00	1.91E-09	2.47E-09	2.87E-04	7.31E-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	1.11E-02
VU24ET	3.56E-04	1.52E-01	2.87E-02	1.24E-01	0.00E+00	0.00E+00	1.78E+00	1.70E-06	1.64E-04	1.02E-03	0.00E+00	3.02E-03	1.37E-08	3.99E-10	1.84E-02	3.30E-04	8.38E-03	1.75E-03	2.15E-04	5.07E-02	1.17E+00	0.00E+00	1.59E-09	2.05E-09	2.39E-04	6.08E-06	1.57E-01	0.00E+00	1.17E+00	2.88E-09	1.17E+00	1.33E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	9.22E-03
VU24IE	1.03E-03	4.37E-01	8.55E-02	3.52E-01	0.00E+00	0.00E+00	5.29E+00	4.95E-06	4.86E-04	3.00E-03	0.00E+00	8.94E-03	4.06E-08	1.18E-09	5.21E-02	9.82E-04	2.76E-02	1.83E-03	6.06E-04	1.43E-01	3.44E+00	0.00E+00	4.68E-09	6.00E-09	7.02E-04	1.75E-05	4.57E-01	0.00E+00	3.44E+00	8.33E-09	3.44E+00	3.89E+00	4.57E-01	0.00E+00	0.00E+00	0.00E+00	2.60E-02
VU24LN	1.27E-03	5.62E-01	1.06E-01	4.56E-01	0.00E+00	0.00E+00	6.57E+00	6.25E-06	6.05E-04	3.76E-03	0.00E+00	1.11E-02	5.03E-08	1.47E-09	6.79E-02	1.22E-03	3.75E-02	9.84E-06	7.92E-04	1.87E-01	4.33E+00	0.00E+00	5.85E-09	7.57E-09	8.79E-04	2.24E-05	5.77E-01	0.00E+00	4.33E+00	1.06E-08	4.33E+00	4.90E+00	5.77E-01	0.00E+00	0.00E+00	0.00E+00	3.40E-02
VU24NA	4.13E-04	1.83E-01	3.45E-02	1.49E-01	0.00E+00	0.00E+00	2.14E+00	2.04E-06	1.97E-04	1.23E-03	0.00E+00	3.62E-03	1.64E-08	4.79E-10	2.21E-02	3.96E-04	1.22E-02	0.00E+00	2.58E-04	6.09E-02	1.41E+00	0.00E+00	1.91E-09	2.47E-09	2.87E-04	7.31E-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	1.11E-02
VU24NC	6.92E-06	4.67E-04	2.38E-03	1.91E-03	0.00E+00	0.00E+00	1.38E-01	7.23E-08	1.15E-05	5.68E-05	0.00E+00	2.24E-04	1.13E-09	2.73E-11	4.55E-04	2.73E-05	4.95E-04	1.66E-03	6.47E-06	1.87E-03	5.55E-02	0.00E+00	1.02E-10	8.64E-11	1.39E-05	9.08E-08	6.37E-03	0.00E+00	5.55E-02	6.59E-11	5.55E-02	6.19E-02	6.37E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
VU24NCT	3.03E-04	1.35E-01	2.49E-02	1.10E-01	0.00E+00	0.00E+00	1.55E+00	1.49E-06	1.43E-04	8.92E-04	0.00E+00	2.62E-03	1.18E-08	3.47E-10	1.64E-02	2.86E-04	9.64E-03	6.45E-05	1.92E-04	4.54E-02	1.03E+00	0.00E+00	1.38E-09	1.80E-09	2.08E-04	5.37E-06	1.37E-01	0.00E+00	1.03E+00	2.54E-09	1.03E+00	1.17E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	8.24E-03
VU24ND	4.13E-04	1.83E-01	3.45E-02	1.49E-01	0.00E+00	0.00E+00	2.14E+00	2.04E-06	1.97E-04	1.23E-03	0.00E+00	3.62E-03	1.64E-08	4.79E-10	2.21E-02	3.97E-04	1.22E-02	9.84E-06	2.58E-04	6.10E-02	1.41E+00	0.00E+00	1.91E-09	2.47E-09	2.87E-04	7.31E-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	1.11E-02
VU24NE	5.23E-04	2.35E-01	4.38E-02	1.91E-01	0.00E+00	0.00E+00	2.72E+00	2.60E-06	2.51E-04	1.56E-03	0.00E+00	4.61E-03	2.08E-08	6.09E-10	2.85E-02	5.03E-04	1.56E-02	2.98E-04	3.32E-04	7.85E-02	1.80E+00	0.00E+00	2.43E-09	3.15E-09	3.65E-04	9.36E-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	1.43E-02
VU24NG	1.04E-03	4.37E-01	8.52E-02	3.52E-01	0.00E+00	0.00E+00	5.28E+00	4.95E-06	4.85E-04	2.99E-03	0.00E+00	8.92E-03	4.05E-08	1.18E-09	5.22E-02	9.79E-04	2.60E-02	1.06E-05	6.07E-04	1.43E-01	3.43E+00	0.00E+00	4.67E-09	5.99E-09	7.00E-04	1.75E-05	4.56E-01	0.00E+00	3.43E+00	8.33E-09	3.43E+00	3.89E+00	4.56E-01	0.00E+00	0.00E+00	0.00E+00	2.61E-02
VU24NH	7.57E-04	3.45E-01	6.30E-02	2.82E-01	0.00E+00	0.00E+00	3.92E+00	3.78E-06	3.62E-04	2.26E-03	0.00E+00	6.64E-03	2.99E-08	8.79E-10	4.21E-02	7.24E-04	2.34E-02	1.04E-03	4.92E-04	1.16E-01	2.61E+00	0.00E+00	3.50E-09	4.58E-09	5.28E-04	1.37E-05	3.49E-01	0.00E+00	2.61E+00	6.46E-09	2.61E+00	2.96E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	2.11E-02
VU24NN	8.65E-04	3.98E-01	7.11E-02	3.27E-01	0.00E+00	0.00E+00	4.43E+00	4.31E-06	4.10E-04	2.57E-03	0.00E+00	7.51E-03	3.38E-08	9.96E-10	4.90E-02	8.17E-04	2.77E-02	1.19E-03	5.73E-04	1.36E-01	2.98E+00	0.00E+00	3.97E-09	5.23E-09	6.00E-04	1.58E-05	3.99E-01	0.00E+00	2.98E+00	7.42E-09	2.98E+00	3.37E+00	3.99E-01	0.00E+00	0.00E+00	0.00E+00	2.46E-02
VU24NP	4.64E-04	1.80E-01	4.05E-02	1.39E-01	0.00E+00	0.00E+00	2.48E+00	2.19E-06	2.25E-04	1.36E-03	0.00E+00	4.17E-03	1.92E-08	5.45E-10	2.02E-02	4.65E-04	9.66E-03	3.65E-03	2.32E-04	5.38E-02	1.53E+00	0.00E+00	2.15E-09	2.65E-09	3.19E-04	7.37E-06	2.01E-01	0.00E+00	1.53E+00	3.56E-09	1.53E+00	1.73E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	9.97E-03
VU24NR	4.29E-04	1.96E-01	3.58E-02	1.60E-01	0.00E+00	0.00E+00	2.23E+00	2.15E-06	2.05E-04	1.28E-03	0.00E+00	3.77E-03	1.70E-08	4.99E-10	2.39E-02	4.11E-04	1.37E-02	2.62E-04	2.80E-04	6.62E-02	1.48E+00	0.00E+00	1.99E-09	2.60E-09	3.00E-04	7.79E-06	1.98E-01	0.00E+00	1.48E+00	3.67E-09	1.48E+00	1.68E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	1.20E-02
VU24NSG	1.01E-03	4.30E-01	8.50E-02	3.45E-01	0.00E+00	0.00E+00	5.26E+00	4.90E-06	4.82E-04	2.97E-03	0.00E+00	8.88E-03	4.04E-08	1.17E-09	5.11E-02	9.77E-04	2.64E-02	1.70E-03	5.93E-04	1.40E-01	3.40E+00	0.00E+00	4.65E-09	5.93E-09	6.96E-04	1.73E-05	4.52E-01	0.00E+00	3.40E+00	8.22E-09	3.40E+00	3.85E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	2.55E-02
VU24NWB	1.90E-04	9.52E-02	1.59E-02	7.93E-02	0.00E+00	0.00E+00	9.98E-01	1.00E-06	9.29E-05	5.90E-04	0.00E+00	1.70E-03	7.57E-09	2.26E-10	1.19E-02	1.83E-04	8.24E-03	2.68E-03	1.40E-04	3.34E-02	6.87E-01	0.00E+00	9.05E-10	1.21E-09	1.37E-04	3.74E-06	9.26E-02	0.00E+00	6.87E-01	1.75E-09	6.87E-01	7.80E-01	9.26E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-03
VU24UA	3.89E-07	1.24E-03	5.25E-04	7.11E-04	0.00E+00	0.00E+00	3.14E-02	2.23E-08	2.74E-06	1.51E-05	0.00E+00	5.19E-05	2.50E-10	6.56E-12	8.40E-05	6.04E-06	3.15E-04	1.51E-03	8.31E-07	1.52E-04	1.62E-02	0.00E+00	2.53E-11	2.69E-11	3.61E-06	5.86E-08	2.02E-03	0.00E+00	1.62E-02	3.06E-11	1.62E-02	1.82E-02	2.02E-03	0.00E+00	0.00E+00	0.00E+00	3.56E-05
VU36AT	5.01E-04	2.22E-01	4.18E-02	1.80E-01	0.00E+00	0.00E+00	2.60E+00	2.47E-06	2.39E-04	1.49E-03	0.00E+00	4.39E-03	1.99E-08	5.80E-10	2.68E-02	4.80E-04	1.48E-02	9.84E-06	3.13E-04	7.39E-02	1.71E+00	0.00E+00	2.31E-09	2.99E-09	3.47E-04	8.86E-06	2.28E-01	0.00E+00	1.71E+00	4.19E-09	1.71E+00	1.94E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	1.34E-02
VU36DKN	4.34E-04	2.03E-01	3.75E-02	1.65E-01	0.00E+00	0.00E+00	2.33E+00	2.23E-06	2.15E-04	1.34E-03	0.00E+00	3.95E-03	1.78E-08	5.22E-10	2.46E-02	4.31E-04	1.43E-02	5.76E-05	2.87E-04	6.80E-02	1.54E+00	0.00E+00	2.08E-09	2.71E-09	3.13E-04	8.06E-06	2.06E-01	0.00E+00	1.54E+00	3.81E-09	1.54E+00	1.75E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	1.23E-02
VU36EP	5.01E-04	2.22E-01	4.18E-02	1.80E-01	0.00E+00	0.00E+00	2.60E+00	2.47E-06	2.39E-04	1.49E-03	0.00E+00	4.39E-03	1.99E-08	5.80E-10	2.68E-02	4.80E-04	1.48E-02	9.84E-06	3.13E-04	7.39E-02	1.71E+00	0.00E+00	2.31E-09	2.99E-09	3.47E-04	8.86E-06	2.28E-01	0.00E+00	1.71E+00	4.19E-09	1.71E+00	1.94E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	1.34E-02
VU36IE	1.08E-03	4.50E-01	8.95E-02	3.61E-01	0.00E+00	0.00E+00	5.54E+00	5.14E-06	5.07E-04	3.12E-03	0.00E+00	9.35E-03	4.25E-08	1.23E-09	5.33E-02	1.03E-03	2.83E-02	2.83E-03	6.19E-04	1.46E-01	3.57E+00	0.00E+00	4.88E-09	6.23E-09	7.31E-04	1.81E-05	4.74E-01	0.00E+00	3.57E+00	8.61E-09	3.57E+00	4.05E+00	4.74E-01	0.00E+00	0.00E+00	0.00E+00	2.66E-02
VU36LN	1.50E-03	6.66E-01	1.25E-01	5.40E-01	0.00E+00	0.00E+00	7.79E+00	7.40E-06	7.17E-04	4.45E-03	0.00E+00	1.32E-02	5.96E-08	1.74E-09	8.04E-02	1.44E-03	4.44E-02	9.84E-06	9.38E-04	2.21E-01	5.12E+00	0.00E+00	6.92E-09	8.96E-09	1.04E-03	2.66E-05	6.83E-01	0.00E+00	5.12E+00	1.26E-08	5.12E+00	5.81E+00	6.83E-01	0.00E+00	0.00E+00	0.00E+00	4.03E-02
VU36NA	5.01E-04	2.22E-01	4.18E-02	1.80E-01	0.00E+00	0.00E+00	2.60E+00	2.47E-06	2.39E-04	1.49E-03	0.00E+00	4.39E-03	1.99E-08	5.80E-10	2.68E-02	4.80E-04	1.48E-02	0.00E+00	3.13E-04	7.38E-02	1.71E+00	0.00E+00	2.31E-09	2.99E-09	3.47E-04	8.86E-06	2.28E-01	0.00E+00	1.71E+00	4.19E-09	1.71E+00	1.94E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	1.34E-02
VU36NC	2.88E-04	1.35E-01	2.60E-02	1.09E-01	0.00E+00	0.00E+00	1.61E+00	1.52E-06	1.48E-04	9.16E-04	0.00E+00	2.72E-03	1.24E-08	3.60E-10	1.61E-02	2.99E-04	9.33E-03	9.21E-04	1.88E-04	4.42E-02	1.05E+00	0.00E+00	1.43E-09	1.84E-09	2.14E-04	5.39E-06	1.40E-01	0.00E+00	1.05E+00	2.56E-09	1.05E+00	1.19E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	8.06E-03
VU36NCT	3.96E-04	1.76E-01	3.31E-02	1.43E-01	0.00E+00	0.00E+00	2.05E+00	1.95E-06	1.89E-04	1.17E-03	0.00E+00	3.47E-03	1.57E-08	4.59E-10	2.12E-02	3.80E-04	1.17E-02	0.00E+00	2.47E-04	5.84E-02	1.35E+00	0.00E+00	1.83E-09	2.36E-09	2.75E-04	7.00E-06	1.80E-01	0.00E+00	1.35E+00	3.31E-09	1.35E+00	1.53E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	1.06E-02
VU36ND	5.01E-04	2.22E-01	4.18E-02	1.80E-01	0.00E+00	0.00E+00	2.60E+00	2.47E-06	2.39E-04	1.49E-03	0.00E+00	4.39E-03	1.99E-08	5.81E-10	2.68E-02	4.80E-04	1.48E-02	9.84E-06	3.13E-04	7.39E-02	1.71E+00	0.00E+00	2.31E-09	2.99E-09	3.47E-04	8.86E-06	2.28E-01	0.00E+00	1.71E+00	4.19E-09	1.71E+00	1.94E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	1.34E-02
VU36NE	4.86E-04	2.15E-01	4.06E-02	1.75E-01	0.00E+00	0.00E+00	2.52E+00	2.39E-06	2.32E-04	1.44E-03	0.00E+00	4.26E-03	1.93E-08	5.63E-10	2.60E-02	4.66E-04	1.44E-02	0.00E+00	3.03E-04	7.16E-02	1.66E+00	0.00E+00	2.24E-09	2.90E-09	3.37E-04	8.59E-06	2.21E-01	0.00E+00	1.66E+00	4.06E-09	1.66E+00	1.88E+00	2.21E-01	0.00E+00	0.00E+00	0.00E+00	1.30E-02
VU36NG	1.26E-03	5.39E-01	1.04E-01	4.34E-01	0.00E+00	0.00E+00	6.47E+00	6.08E-06	5.94E-04	3.67E-03	0.00E+00	1.09E-02	4.96E-08	1.44E-09	6.44E-02	1.20E-03	3.25E-02	8.02E-05	7.49E-04	1.76E-01	4.21E+00	0.00E+00	5.73E-09	7.36E-09	8.59E-04	2.16E-05	5.61E-01	0.00E+00	4.21E+00	1.02E-08	4.21E+00	4.77E+00	5.61E-01	0.00E+00	0.00E+00	0.00E+00	3.22E-02
VU36NH	7.40E-04	3.31E-01	6.20E-02	2.69E-01	0.00E+00	0.00E+00	3.85E+00	3.67E-06	3.55E-04	2.21E-03	0.00E+00	6.52E-03	2.95E-08	8.62E-10	4.00E-02	7.13E-04	2.25E-02	8.12E-04	4.66E-04	1.10E-01	2.54E+00	0.00E+00	3.43E-09	4.44E-09	5.16E-04	1.32E-05	3.39E-01	0.00E+00	2.54E+00	6.23E-09	2.54E+00	2.88E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VU36NKM	7.57E-04	3.43E-01	6.83E-02	2.74E-01	0.00E+00	0.00E+00	4.22E+00	3.92E-06	3.87E-04	2.38E-03	0.00E+00	7.13E-03	3.24E-08	9.38E-10	4.05E-02	7.84E-04	2.24E-02	6.96E-04	4.71E-04	1.11E-01	2.72E+00	0.00E+00	3.72E-09	4.75E-09	5.57E-04	1.38E-05	3.61E-01	0.00E+00	2.72E+00	6.56E-09	2.72E+00	3.08E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-02
VU36NMB	1.09E-03	4.94E-01	9.17E-02	4.03E-01	0.00E+00	0.00E+00	5.70E+00	5.46E-06	5.26E-04	3.28E-03	0.00E+00	9.65E-03	4.36E-08	1.28E-09	6.00E-02	1.05E-03	3.78E-02	1.62E-01	7.00E-04	1.66E-01	3.77E+00	0.00E+00	5.08E-09	6.61E-09	7.65E-04	1.97E-05	5.04E-01	0.00E+00	3.77E+00	9.30E-09	3.77E+00	4.28E+00	5.04E-01	0.00E+00	0.00E+00	0.00E+00	3.01E-02
VU36NN	4.31E-04	2.05E-01	3.86E-02	1.67E-01	0.00E+00	0.00E+00	2.40E+00	2.28E-06	2.21E-04	1.37E-03	0.00E+00	4.05E-03	1.83E-08	5.36E-10	2.48E-02	4.43E-04	1.40E-02	1.35E-04	2.89E-04	6.82E-02	1.58E+00	0.00E+00	2.13E-09	2.76E-09	3.21E-04	8.18E-06	2.10E-01	0.00E+00	1.58E+00	3.87E-09	1.58E+00	1.79E+00	2.10E-01	0.00E+00	0.00E+00	0.00E+00	1.24E-02
VU36NP	1.52E-03	6.67E-01	1.27E-01	5.40E-01	0.00E+00	0.00E+00	7.89E+00	7.46E-06	7.26E-04	4.50E-03	0.00E+00	1.33E-02	6.04E-08	1.76E-09	8.02E-02	1.46E-03	4.37E-02	1.36E-03	9.35E-04	2.21E-01	5.17E+00	0.00E+00	7.01E-09	9.04E-09	1.05E-03	2.67E-05	6.89E-01	0.00E+00	5.17E+00	1.26E-08	5.17E+00	5.86E+00	6.89E-01	0.00E+00	0.00E+00	0.00E+00	4.01E-02
VU36NR	5.50E-04	2.57E-01	4.64E-02	2.11E-01	0.00E+00	0.00E+00	2.89E+00	2.80E-06	2.67E-04	1.67E-03	0.00E+00	4.90E-03	2.20E-08	6.49E-10	3.15E-02	5.33E-04	1.85E-02	2.41E-05	3.68E-04	8.73E-02	1.93E+00	0.00E+00	2.59E-09	3.39E-09	3.91E-04	1.02E-05	2.59E-01	0.00E+00	1.93E+00	4.80E-09	1.93E+00	2.19E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	1.58E-02
VU36NRM	1.05E-03	4.89E-01	8.42E-02	4.05E-01	0.00E+00	0.00E+00	5.26E+00	5.20E-06	4.88E-04	3.09E-03	0.00E+00	8.93E-03	4.00E-08	1.19E-09	6.08E-02	9.67E-04	3.51E-02	1.65E-01	7.13E-04	1.70E-01	3.58E+00	0.00E+00	4.75E-09	6.31E-09	7.19E-04	1.93E-05	4.82E-01	0.00E+00	3.58E+00	9.03E-09	3.58E+00	4.06E+00	4.82E-01	0.00E+00	0.00E+00	0.00E+00	3.06E-02
VU36NSG	1.13E-03	4.84E-01	9.59E-02	3.88E-01	0.00E+00	0.00E+00	5.94E+00	5.52E-06	5.44E-04	3.35E-03	0.00E+00	1.00E-02	4.56E-08	1.32E-09	5.74E-02	1.10E-03	3.02E-02	2.44E-03	6.66E-04	1.57E-01	3.83E+00	0.00E+00	5.24E-09	6.68E-09	7.84E-04	1.95E-05	5.09E-01	0.00E+00	3.83E+00	9.25E-09	3.83E+00	4.34E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	2.86E-02
VU36NW	2.19E-04	1.08E-01	2.06E-02	8.73E-02	0.00E+00	0.00E+00	1.28E+00	1.21E-06	1.17E-04	7.28E-04	0.00E+00	2.16E-03	9.77E-09	2.85E-10	1.30E-02	2.36E-04	8.47E-03	8.66E-04	1.51E-04	3.56E-02	8.36E-01	0.00E+00	1.13E-09	1.46E-09	1.70E-04	4.31E-06	1.11E-01	0.00E+00	8.36E-01	2.04E-09	8.36E-01	9.47E-01	1.11E-01	0.00E+00	0.00E+00	0.00E+00	6.49E-03
VU36UA	6.06E-04	2.85E-01	5.01E-02	2.35E-01	0.00E+00	0.00E+00	3.13E+00	3.06E-06	2.89E-04	1.82E-03	0.00E+00	5.30E-03	2.38E-08	7.04E-10	3.52E-02	5.75E-04	2.05E-02	4.51E-04	4.12E-04	9.78E-02	2.11E+00	0.00E+00	2.81E-09	3.71E-09	4.25E-04	1.12E-05	2.83E-01	0.00E+00	2.11E+00	5.29E-09	2.11E+00	2.39E+00	2.83E-01	0.00E+00	0.00E+00	0.00E+00	1.77E-02
VU36WWH	3.88E-05	1.12E-03	7.95E-04	3.29E-04	0.00E+00	0.00E+00	4.69E-02	2.96E-08	4.02E-06	2.12E-05	0.00E+00	7.69E-05	3.78E-10	9.59E-12	5.38E-06	9.14E-06	4.73E-03	2.55E-03	2.33E-07	1.43E-04	2.19E-02	0.00E+00	3.66E-11	3.56E-11	5.10E-06	6.33E-08	2.66E-03	0.00E+00	2.19E-02	3.58E-11	2.19E-02	2.46E-02	2.66E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-05
VU48AT	5.56E-04	2.46E-01	4.64E-02	2.00E-01	0.00E+00	0.00E+00	2.88E+00	2.74E-06	2.65E-04	1.65E-03	0.00E+00	4.87E-03	2.20E-08	6.44E-10	2.98E-02	5.33E-04	1.64E-02	9.84E-06	3.47E-04	8.20E-02	1.90E+00	0.00E+00	2.56E-09	3.32E-09	3.85E-04	9.83E-06	2.53E-01	0.00E+00	1.90E+00	4.65E-09	1.90E+00	2.15E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VU48EP	5.56E-04	2.46E-01	4.64E-02	2.00E-01	0.00E+00	0.00E+00	2.88E+00	2.74E-06	2.65E-04	1.65E-03	0.00E+00	4.87E-03	2.20E-08	6.44E-10	2.98E-02	5.33E-04	1.64E-02	9.84E-06	3.47E-04	8.20E-02	1.90E+00	0.00E+00	2.56E-09	3.32E-09	3.85E-04	9.83E-06	2.53E-01	0.00E+00	1.90E+00	4.65E-09	1.90E+00	2.15E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VU48ET	8.94E-04	3.91E-01	7.01E-02	3.21E-01	0.00E+00	0.00E+00	4.37E+00	4.24E-06	4.04E-04	2.53E-03	0.00E+00	7.40E-03	3.33E-08	9.82E-10	4.81E-02	8.05E-04	2.47E-02	4.00E-03	5.62E-04	1.33E-01	2.93E+00	0.00E+00	3.92E-09	5.14E-09	5.91E-04	1.55E-05	3.92E-01	0.00E+00	2.93E+00	7.30E-09	2.93E+00	3.32E+00	3.92E-01	0.00E+00	0.00E+00	0.00E+00	2.41E-02
VU48IE	1.69E-03	7.28E-01	1.39E-01	5.89E-01	0.00E+00	0.00E+00	8.63E+00	8.15E-06	7.93E-04	4.92E-03	0.00E+00	1.46E-02	6.61E-08	1.93E-09	8.74E-02	1.60E-03	4.71E-02	1.64E-03	1.02E-03	2.40E-01	5.65E+00	0.00E+00	7.66E-09	9.87E-09	1.15E-03	2.91E-05	7.53E-01	0.00E+00	5.65E+00	1.38E-08	5.65E+00	6.40E+00	7.53E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-02
VU48LN	1.70E-03	7.54E-01	1.42E-01	6.12E-01	0.00E+00	0.00E+00	8.81E+00	8.38E-06	8.11E-04	5.04E-03	0.00E+00	1.49E-02	6.74E-08	1.97E-09	9.10E-02	1.63E-03	5.03E-02	9.84E-06	1.06E-03	2.51E-01	5.80E+00	0.00E+00	7.84E-09	1.01E-08	1.18E-03	3.01E-05	7.73E-01	0.00E+00	5.80E+00	1.42E-08	5.80E+00	6.57E+00	7.73E-01	0.00E+00	0.00E+00	0.00E+00	4.56E-02
VU48MMV	1.48E-04	1.22E-01	2.25E-02	9.91E-02	0.00E+00	0.00E+00	1.40E+00	1.34E-06	1.29E-04	8.05E-04	0.00E+00	2.37E-03	1.07E-08	3.14E-10	1.48E-02	2.59E-04	2.49E-02	2.02E-03	1.72E-04	4.08E-02	9.27E-01	0.00E+00	1.25E-09	1.62E-09	1.88E-04	4.84E-06	1.24E-01	0.00E+00	9.27E-01	2.29E-09	9.27E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.40E-03
VU48NA	5.56E-04	2.46E-01	4.64E-02	2.00E-01	0.00E+00	0.00E+00	2.88E+00	2.74E-06	2.65E-04	1.65E-03	0.00E+00	4.87E-03	2.20E-08	6.44E-10	2.98E-02	5.33E-04	1.64E-02	0.00E+00	3.47E-04	8.19E-02	1.90E+00	0.00E+00	2.56E-09	3.32E-09	3.85E-04	9.83E-06	2.53E-01	0.00E+00	1.90E+00	4.65E-09	1.90E+00	2.15E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VU48NC	5.56E-04	2.46E-01	4.64E-02	2.00E-01	0.00E+00	0.00E+00	2.88E+00	2.74E-06	2.65E-04	1.65E-03	0.00E+00	4.87E-03	2.20E-08	6.44E-10	2.98E-02	5.33E-04	1.64E-02	9.84E-06	3.47E-04	8.20E-02	1.90E+00	0.00E+00	2.56E-09	3.32E-09	3.85E-04	9.83E-06	2.53E-01	0.00E+00	1.90E+00	4.65E-09	1.90E+00	2.15E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VU48NCT	2.52E-05	7.63E-04	1.66E-03	8.99E-04	0.00E+00	0.00E+00	9.67E-02	5.31E-08	8.13E-06	4.07E-05	0.00E+00	1.57E-04	7.90E-10	1.93E-11	2.47E-04	1.91E-05	2.28E-04	5.39E-04	3.65E-06	1.09E-03	4.04E-02	0.00E+00	7.27E-11	6.35E-11	9.91E-06	7.83E-08	4.69E-03	0.00E+00	4.04E-02	5.23E-11	4.04E-02	4.51E-02	4.69E-03	0.00E+00	0.00E+00	0.00E+00	1.57E-04
VU48ND	5.56E-04	2.47E-01	4.64E-02	2.00E-01	0.00E+00	0.00E+00	2.88E+00	2.74E-06	2.65E-04	1.65E-03	0.00E+00	4.87E-03	2.20E-08	6.44E-10	2.98E-02	5.33E-04	1.64E-02	9.84E-06	3.47E-04	8.20E-02	1.90E+00	0.00E+00	2.56E-09	3.32E-09	3.85E-04	9.83E-06	2.53E-01	0.00E+00	1.90E+00	4.65E-09	1.90E+00	2.15E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	1.49E-02
VU48NE	5.40E-04	2.40E-01	4.51E-02	1.95E-01	0.00E+00	0.00E+00	2.80E+00	2.66E-06	2.58E-04	1.60E-03	0.00E+00	4.74E-03	2.14E-08	6.27E-10	2.89E-02	5.19E-04	1.60E-02	0.00E+00	3.38E-04	7.97E-02	1.84E+00	0.00E+00	2.49E-09	3.23E-09	3.75E-04	9.56E-06	2.46E-01	0.00E+00	1.84E+00	4.52E-09	1.84E+00	2.09E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	1.45E-02
VU48NG	1.22E-03	5.05E-01	9.89E-02	4.06E-01	0.00E+00	0.00E+00	6.13E+00	5.72E-06	5.62E-04	3.47E-03	0.00E+00	1.03E-02	4.70E-08	1.36E-09	6.01E-02	1.14E-03	2.92E-02	4.04E-04	6.98E-04	1.64E-01	3.97E+00	0.00E+00	5.41E-09	6.93E-09	8.11E-04	2.02E-05	5.28E-01	0.00E+00	3.97E+00	9.62E-09	3.97E+00	4.50E+00	5.28E-01	0.00E+00	0.00E+00	0.00E+00	3.00E-02
VU48NH	9.52E-04	4.25E-01	7.93E-02	3.46E-01	0.00E+00	0.00E+00	4.93E+00	4.70E-06	4.54E-04	2.83E-03	0.00E+00	8.33E-03	3.77E-08	1.10E-09	5.16E-02	9.11E-04	2.85E-02	1.48E-03	6.02E-04	1.42E-01	3.25E+00	0.00E+00	4.39E-09	5.70E-09	6.61E-04	1.69E-05	4.35E-01	0.00E+00	3.25E+00	8.01E-09	3.25E+00	3.69E+00	4.35E-01	0.00E+00	0.00E+00	0.00E+00	2.58E-02
VU48NKM	6.61E-04	2.88E-01	5.93E-02	2.29E-01	0.00E+00	0.00E+00	3.66E+00	3.35E-06	3.34E-04	2.05E-03	0.00E+00	6.17E-03	2.82E-08	8.11E-10	3.37E-02	6.81E-04	1.84E-02	1.30E-03	3.90E-04	9.14E-02	2.33E+00	0.00E+00	3.21E-09	4.06E-09	4.80E-04	1.17E-05	3.09E-01	0.00E+00	2.33E+00	5.56E-09	2.33E+00	2.64E+00	3.09E-01	0.00E+00	0.00E+00	0.00E+00	1.68E-02
VU48NN	1.66E-06	4.68E-04	2.37E-03	1.91E-03	0.00E+00	0.00E+00	1.38E-01	7.23E-08	1.15E-05	5.67E-05	0.00E+00	2.23E-04	1.13E-09	2.73E-11	4.54E-04	2.73E-05	5.55E-04	1.53E-03	6.46E-06	1.87E-03	5.55E-02	0.00E+00	1.02E-10	8.63E-11	1.38E-05	9.07E-08	6.36E-03	0.00E+00	5.55E-02	6.58E-11	5.55E-02	6.19E-02	6.36E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
VU48NP	9.25E-05	3.01E-03	1.07E-02	1.38E-02	0.00E+00	0.00E+00	6.18E-01	2.98E-07	5.12E-05	2.45E-04	0.00E+00	1.00E-03	5.11E-09	1.21E-10	2.89E-03	1.24E-04	3.96E-03	6.50E-03	3.95E-05	1.10E-02	2.34E-01	0.00E+00	4.51E-10	3.55E-10	6.02E-05	2.36E-07	2.60E-02	0.00E+00	2.34E-01	2.25E-10	2.34E-01	2.60E-01	2.60E-02	0.00E+00	0.00E+00	0.00E+00	1.70E-03
VU48NR	6.01E-04	2.71E-01	4.88E-02	2.22E-01	0.00E+00	0.00E+00	3.04E+00	2.95E-06	2.81E-04	1.76E-03	0.00E+00	5.15E-03	2.32E-08	6.83E-10	3.32E-02	5.61E-04	1.90E-02	8.10E-05	3.88E-04	9.19E-02	2.03E+00	0.00E+00	2.72E-09	3.57E-09	4.11E-04	1.07E-05	2.72E-01	0.00E+00	2.03E+00	5.06E-09	2.03E+00	2.31E+00	2.72E-01	0.00E+00	0.00E+00	0.00E+00	1.67E-02
VU48NRM	2.04E-05	1.30E-04	3.11E-04	4.41E-04	0.00E+00	0.00E+00	1.79E-02	8.41E-09	1.48E-06	7.01E-06	0.00E+00	2.89E-05	1.48E-10	3.49E-12	9.07E-05	3.58E-06	3.77E-04	4.95E-04	1.23E-06	3.40E-04	6.63E-03	0.00E+00	1.30E-11	1.00E-11	1.72E-06	5.41E-09	7.31E-04	0.00E+00	6.63E-03	5.93E-12	6.63E-03	7.36E-03	7.31E-04	0.00E+00	0.00E+00	0.00E+00	5.28E-05
VU48NSG	2.17E-04	4.93E-02	2.13E-02	2.80E-02	0.00E+00	0.00E+00	1.27E+00	9.01E-07	1.11E-04	6.12E-04	0.00E+00	2.10E-03	1.01E-08	2.66E-10	3.28E-03	2.45E-04	1.06E-03	5.97E-03	3.21E-05	5.78E-03	6.52E-01	0.00E+00	1.03E-09	1.08E-09	1.46E-04	2.35E-06	8.15E-02	0.00E+00	6.52E-01	1.23E-09	6.52E-01	7.34E-01	8.15E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
VU48NW	2.72E-04	1.21E-01	2.31E-02	9.82E-02	0.00E+00	0.00E+00	1.43E+00	1.36E-06	1.32E-04	8.18E-04	0.00E+00	2.42E-03	1.10E-08	3.20E-10	1.46E-02	2.66E-04	9.21E-03	1.04E-03	1.70E-04	4.01E-02	9.40E-01	0.00E+00	1.27E-09	1.64E-09	1.91E-04	4.85E-06	1.25E-01	0.00E+00	9.40E-01	2.30E-09	9.40E-01	1.06E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	7.30E-03
VU48NWP	5.63E-04	2.52E-01	4.67E-02	2.05E-01	0.00E+00	0.00E+00	2.90E+00	2.78E-06	2.67E-04	1.67E-03	0.00E+00	4.91E-03	2.22E-08	6.50E-10	3.06E-02	5.36E-04	1.76E-02	1.15E-03	3.57E-04	8.45E-02	1.92E+00	0.00E+00	2.59E-09	3.37E-09	3.90E-04	1.00E-05	2.57E-01	0.00E+00	1.92E+00	4.74E-09	1.92E+00	2.18E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	1.53E-02

VU48UA	1.06E-05	1.20E-03	6.01E-04	6.04E-04	0.00E+00	0.00E+00	3.57E-02	2.44E-08	3.09E-06	1.68E-05	0.00E+00	5.88E-05	2.85E-10	7.41E-12	6.20E-05	6.90E-06	5.96E-04	1.78E-03	5.33E-07	6.98E-05	1.78E-02	0.00E+00	2.85E-11	2.93E-11	4.03E-06	5.98E-08	2.20E-03	0.00E+00	1.78E-02	3.21E-11	1.78E-02	2.00E-02	2.20E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-05
VU48WWH	1.50E-03	6.96E-01	1.22E-01	5.74E-01	0.00E+00	0.00E+00	7.63E+00	7.47E-06	7.06E-04	4.45E-03	0.00E+00	1.29E-02	5.80E-08	1.72E-09	8.60E-02	1.40E-03	5.23E-02	8.29E-03	1.01E-03	2.39E-01	5.15E+00	0.00E+00	6.86E-09	9.06E-09	1.04E-03	2.75E-05	6.91E-01	0.00E+00	5.15E+00	1.29E-08	5.15E+00	5.84E+00	6.91E-01	0.00E+00	0.00E+00	0.00E+00	4.32E-02
VU48WWV	1.78E-04	1.22E-01	2.21E-02	9.96E-02	0.00E+00	0.00E+00	1.38E+00	1.33E-06	1.27E-04	7.96E-04	0.00E+00	2.33E-03	1.05E-08	3.09E-10	1.49E-02	2.54E-04	2.19E-02	5.15E-03	1.74E-04	4.12E-02	9.19E-01	0.00E+00	1.23E-09	1.61E-09	1.86E-04	4.83E-06	1.23E-01	0.00E+00	9.19E-01	2.28E-09	9.19E-01	1.04E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	7.47E-03
VU601PLH	6.93E-04	3.17E-01	5.66E-02	2.60E-01	0.00E+00	0.00E+00	3.53E+00	3.43E-06	3.26E-04	2.05E-03	0.00E+00	5.97E-03	2.69E-08	7.93E-10	3.90E-02	6.50E-04	2.42E-02	4.60E-03	4.56E-04	1.08E-01	2.37E+00	0.00E+00	3.16E-09	4.16E-09	4.78E-04	1.25E-05	3.17E-01	0.00E+00	2.37E+00	5.90E-09	2.37E+00	2.68E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	1.96E-02
VU602NWH	1.17E-04	3.70E-02	8.91E-03	2.81E-02	0.00E+00	0.00E+00	5.45E-01	4.68E-07	4.92E-05	2.93E-04	0.00E+00	9.13E-04	4.23E-09	1.19E-10	4.04E-03	1.02E-04	3.76E-03	9.48E-04	4.61E-05	1.06E-02	3.29E-01	0.00E+00	4.68E-10	5.66E-10	6.90E-05	1.54E-06	4.30E-02	0.00E+00	3.29E-01	7.47E-10	3.29E-01	3.72E-01	4.30E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03
VU602WWH	2.86E-04	1.22E-01	2.24E-02	9.93E-02	0.00E+00	0.00E+00	1.39E+00	1.34E-06	1.28E-04	8.02E-04	0.00E+00	2.36E-03	1.06E-08	3.12E-10	1.48E-02	2.57E-04	1.23E-02	5.01E-03	1.73E-04	4.09E-02	9.24E-01	0.00E+00	1.24E-09	1.62E-09	1.87E-04	4.84E-06	1.24E-01	0.00E+00	9.24E-01	2.28E-09	9.24E-01	1.05E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.43E-03
VU603NWH	8.39E-04	3.82E-01	6.87E-02	3.13E-01	0.00E+00	0.00E+00	4.28E+00	4.15E-06	3.96E-04	2.48E-03	0.00E+00	7.25E-03	3.27E-08	9.62E-10	4.68E-02	7.90E-04	2.85E-02	4.61E-03	5.47E-04	1.30E-01	2.87E+00	0.00E+00	3.84E-09	5.03E-09	5.79E-04	1.51E-05	3.84E-01	0.00E+00	2.87E+00	7.12E-09	2.87E+00	3.25E+00	3.84E-01	0.00E+00	0.00E+00	0.00E+00	2.35E-02
VU603PLH	6.93E-04	3.17E-01	5.66E-02	2.60E-01	0.00E+00	0.00E+00	3.53E+00	3.43E-06	3.26E-04	2.05E-03	0.00E+00	5.97E-03	2.69E-08	7.93E-10	3.90E-02	6.50E-04	2.42E-02	4.60E-03	4.56E-04	1.08E-01	2.37E+00	0.00E+00	3.16E-09	4.16E-09	4.78E-04	1.25E-05	3.17E-01	0.00E+00	2.37E+00	5.90E-09	2.37E+00	2.68E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	1.96E-02
VU60AT	5.50E-04	2.43E-01	4.60E-02	1.97E-01	0.00E+00	0.00E+00	2.86E+00	2.71E-06	2.63E-04	1.63E-03	0.00E+00	4.83E-03	2.19E-08	6.38E-10	2.92E-02	5.29E-04	1.62E-02	2.09E-04	3.41E-04	8.04E-02	1.88E+00	0.00E+00	2.54E-09	3.28E-09	3.82E-04	9.69E-06	2.50E-01	0.00E+00	1.88E+00	4.59E-09	1.88E+00	2.13E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	1.46E-02
VU60DKN	1.96E-05	1.56E-04	3.12E-03	2.97E-03	0.00E+00	0.00E+00	1.81E-01	9.25E-08	1.51E-05	7.36E-05	0.00E+00	2.93E-04	1.48E-09	3.56E-11	6.73E-04	3.59E-05	6.17E-04	1.71E-03	9.41E-06	2.69E-03	7.14E-02	0.00E+00	1.34E-10	1.10E-10	1.80E-05	1.04E-07	8.12E-03	0.00E+00	7.14E-02	8.01E-11	7.14E-02	7.96E-02	8.12E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-04
VU60EP	6.22E-04	2.76E-01	5.19E-02	2.24E-01	0.00E+00	0.00E+00	3.22E+00	3.07E-06	2.97E-04	1.84E-03	0.00E+00	5.45E-03	2.47E-08	7.21E-10	3.33E-02	5.97E-04	1.84E-02	9.84E-06	3.88E-04	9.17E-02	2.12E+00	0.00E+00	2.87E-09	3.71E-09	4.31E-04	1.10E-05	2.83E-01	0.00E+00	2.12E+00	5.20E-09	2.12E+00	2.40E+00	2.83E-01	0.00E+00	0.00E+00	0.00E+00	1.67E-02
VU60ET	1.00E-05	3.16E-04	4.26E-03	4.57E-03	0.00E+00	0.00E+00	2.46E-01	1.23E-07	2.04E-05	9.92E-05	0.00E+00	3.98E-04	2.02E-09	4.84E-11	1.00E-03	4.90E-05	3.01E-04	1.81E-03	1.39E-05	3.93E-03	9.56E-02	0.00E+00	1.81E-10	1.47E-10	2.43E-05	1.24E-07	1.08E-02	0.00E+00	9.56E-02	1.02E-10	9.56E-02	1.06E-01	1.08E-02	0.00E+00	0.00E+00	0.00E+00	5.97E-04
VU60MMV	1.47E-04	1.22E-01	2.19E-02	1.00E-01	0.00E+00	0.00E+00	1.36E+00	1.32E-06	1.26E-04	7.90E-04	0.00E+00	2.31E-03	1.04E-08	3.06E-10	1.50E-02	2.51E-04	2.52E-02	2.05E-03	1.75E-04	4.15E-02	9.13E-01	0.00E+00	1.22E-09	1.60E-09	1.84E-04	4.83E-06	1.22E-01	0.00E+00	9.13E-01	2.27E-09	9.13E-01	1.04E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	7.51E-03
VU60NA	6.22E-04	2.76E-01	5.19E-02	2.24E-01	0.00E+00	0.00E+00	3.22E+00	3.07E-06	2.97E-04	1.84E-03	0.00E+00	5.45E-03	2.47E-08	7.21E-10	3.33E-02	5.97E-04	1.84E-02	9.84E-06	3.88E-04	9.17E-02	2.12E+00	0.00E+00	2.87E-09	3.71E-09	4.31E-04	1.10E-05	2.83E-01	0.00E+00	2.12E+00	5.20E-09	2.12E+00	2.40E+00	2.83E-01	0.00E+00	0.00E+00	0.00E+00	1.67E-02
VU60NC	5.65E-04	2.51E-01	4.69E-02	2.04E-01	0.00E+00	0.00E+00	2.91E+00	2.78E-06	2.68E-04	1.67E-03	0.00E+00	4.93E-03	2.23E-08	6.52E-10	3.04E-02	5.39E-04	1.70E-02	2.01E-04	3.55E-04	8.39E-02	1.92E+00	0.00E+00	2.59E-09	3.37E-09	3.90E-04	1.00E-05	2.57E-01	0.00E+00	1.92E+00	4.73E-09	1.92E+00	2.18E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	1.52E-02
VU60NE	6.07E-04	2.69E-01	5.07E-02	2.18E-01	0.00E+00	0.00E+00	3.15E+00	2.99E-06	2.90E-04	1.80E-03	0.00E+00	5.32E-03	2.41E-08	7.03E-10	3.25E-02	5.82E-04	1.79E-02	0.00E+00	3.79E-04	8.95E-02	2.07E+00	0.00E+00	2.80E-09	3.62E-09	4.21E-04	1.07E-05	2.76E-01	0.00E+00	2.07E+00	5.08E-09	2.07E+00	2.35E+00	2.76E-01	0.00E+00	0.00E+00	0.00E+00	1.63E-02
VU60NG	8.88E-04	4.04E-01	7.76E-02	3.27E-01	0.00E+00	0.00E+00	4.81E+00	4.54E-06	4.42E-04	2.74E-03	0.00E+00	8.13E-03	3.69E-08	1.07E-09	4.85E-02	8.92E-04	2.53E-02	5.61E-04	5.65E-04	1.33E-01	3.14E+00	0.00E+00	4.27E-09	5.50E-09	6.41E-04	1.62E-05	4.19E-01	0.00E+00	3.14E+00	7.67E-09	3.14E+00	3.56E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	2.42E-02
VU60NH	4.91E-04	2.16E-01	4.14E-02	1.74E-01	0.00E+00	0.00E+00	2.57E+00	2.42E-06	2.36E-04	1.46E-03	0.00E+00	4.34E-03	1.97E-08	5.72E-10	2.59E-02	4.75E-04	1.42E-02	3.86E-04	3.01E-04	7.10E-02	1.68E+00	0.00E+00	2.28E-09	2.93E-09	3.42E-04	8.62E-06	2.23E-01	0.00E+00	1.68E+00	4.09E-09	1.68E+00	1.90E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00	1.29E-02
VU60NKM	3.02E-05	2.18E-03	8.75E-03	1.09E-02	0.00E+00	0.00E+00	5.04E-01	2.45E-07	4.17E-05	2.00E-04	0.00E+00	8.15E-04	4.16E-09	9.86E-11	2.31E-03	1.01E-04	1.98E-03	3.42E-03	3.16E-05	8.84E-03	1.91E-01	0.00E+00	3.68E-10	2.91E-10	4.91E-05	2.02E-07	2.13E-02	0.00E+00	1.91E-01	1.87E-10	1.91E-01	2.13E-01	2.13E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
VU60NN	6.22E-04	2.76E-01	5.19E-02	2.24E-01	0.00E+00	0.00E+00	3.22E+00	3.07E-06	2.97E-04	1.84E-03	0.00E+00	5.45E-03	2.47E-08	7.21E-10	3.33E-02	5.97E-04	1.84E-02	9.84E-06	3.88E-04	9.17E-02	2.12E+00	0.00E+00	2.87E-09	3.71E-09	4.31E-04	1.10E-05	2.83E-01	0.00E+00	2.12E+00	5.20E-09	2.12E+00	2.40E+00	2.83E-01	0.00E+00	0.00E+00	0.00E+00	1.67E-02
VU60NR	5.47E-04	2.43E-01	4.50E-02	1.98E-01	0.00E+00	0.00E+00	2.80E+00	2.68E-06	2.58E-04	1.61E-03	0.00E+00	4.73E-03	2.14E-08	6.26E-10	2.96E-02	5.17E-04	1.67E-02	2.48E-04	3.45E-04	8.16E-02	1.85E+00	0.00E+00	2.49E-09	3.25E-09	3.76E-04	9.68E-06	2.48E-01	0.00E+00	1.85E+00	4.57E-09	1.85E+00	2.10E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	1.48E-02
VU60NW	6.04E-04	2.72E-01	4.99E-02	2.22E-01	0.00E+00	0.00E+00	3.10E+00	2.98E-06	2.86E-04	1.79E-03	0.00E+00	5.25E-03	2.37E-08	6.95E-10	3.31E-02	5.73E-04	1.93E-02	1.85E-03	3.86E-04	9.14E-02	2.06E+00	0.00E+00	2.77E-09	3.61E-09	4.17E-04	1.08E-05	2.75E-01	0.00E+00	2.06E+00	5.09E-09	2.06E+00	2.34E+00	2.75E-01	0.00E+00	0.00E+00	0.00E+00	1.66E-02
VU60NWB	2.64E-04	1.23E-01	1.82E-02	1.05E-01	0.00E+00	0.00E+00	1.15E+00	1.22E-06	1.09E-04	7.08E-04	0.00E+00	1.97E-03	8.66E-09	2.66E-10	1.60E-02	2.10E-04	1.04E-02	3.44E-03	1.89E-04	4.54E-02	8.36E-01	0.00E+00	1.07E-09	1.49E-09	1.64E-04	4.76E-06	1.14E-01	0.00E+00	8.36E-01	2.20E-09	8.36E-01	9.50E-01	1.14E-01	0.00E+00	0.00E+00	0.00E+00	8.13E-03
VU60NWP	5.99E-04	2.68E-01	4.97E-02	2.18E-01	0.00E+00	0.00E+00	3.09E+00	2.96E-06	2.85E-04	1.78E-03	0.00E+00	5.23E-03	2.36E-08	6.92E-10	3.26E-02	5.71E-04	1.87E-02	1.15E-03	3.80E-04	8.99E-02	2.05E+00	0.00E+00	2.76E-09	3.58E-09	4.15E-04	1.07E-05	2.73E-01	0.00E+00	2.05E+00	5.04E-09	2.05E+00	2.32E+00	2.73E-01	0.00E+00	0.00E+00	0.00E+00	1.63E-02
VU60UA	1.52E-05	8.46E-04	1.46E-03	6.17E-04	0.00E+00	0.00E+00	8.52E-02	4.77E-08	7.18E-06	3.62E-05	0.00E+00	1.39E-04	6.95E-10	1.71E-11	1.89E-04	1.68E-05	1.81E-04	1.95E-03	2.87E-06	8.73E-04	3.61E-02	0.00E+00	6.44E-11	5.70E-11	8.80E-06	7.49E-08	4.22E-03	0.00E+00	3.61E-02	4.85E-11	3.61E-02	4.03E-02	4.22E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-04
VU60WWH	6.18E-04	2.86E-01	4.99E-02	2.36E-01	0.00E+00	0.00E+00	3.11E+00	3.06E-06	2.89E-04	1.82E-03	0.00E+00	5.28E-03	2.37E-08	7.02E-10	3.54E-02	5.73E-04	2.29E-02	5.85E-03	4.15E-04	9.85E-02	2.11E+00	0.00E+00	2.80E-09	3.71E-09	4.24E-04	1.13E-05	2.83E-01	0.00E+00	2.11E+00	5.30E-09	2.11E+00	2.39E+00	2.83E-01	0.00E+00	0.00E+00	0.00E+00	1.78E-02
VU60WWV	1.80E-04	1.22E-01	2.14E-02	1.01E-01	0.00E+00	0.00E+00	1.33E+00	1.31E-06	1.24E-04	7.79E-04	0.00E+00	2.26E-03	1.02E-08	3.01E-10	1.51E-02	2.45E-04	2.22E-02	5.25E-03	1.77E-04	4.20E-02	9.02E-01	0.00E+00	1.20E-09	1.59E-09	1.82E-04	4.82E-06	1.21E-01	0.00E+00	9.02E-01	2.26E-09	9.02E-01	1.02E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	7.60E-03
VZ002VB	7.91E-05	3.99E-02	5.92E-03	3.39E-02	0.00E+00	0.00E+00	3.74E-01	3.96E-07	3.52E-05	2.29E-04	0.00E+00	6.39E-04	2.81E-09	8.61E-11	5.17E-03	6.80E-05	4.22E-03	2.35E-03	6.11E-05	1.47E-02	2.71E-01	0.00E+00	3.47E-10	4.81E-10	5.32E-05	1.54E-06	3.68E-02	0.00E+00	2.71E-01	7.12E-10	2.71E-01	3.07E-01	3.68E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
VZ006VB	4.37E-05	3.41E-02	1.53E-03	3.26E-02	0.00E+00	0.00E+00	1.16E-01	2.36E-07	1.32E-05	1.13E-04	0.00E+00	2.16E-04	7.25E-10	3.34E-11	5.21E-03	1.75E-05	7.09E-03	7.26E-03	6.33E-05	1.57E-02	1.51E-01	0.00E+00	1.46E-10	2.88E-10	2.53E-05	1.21E-06	2.24E-02	0.00E+00	1.51E-01	5.22E-10	1.51E-01	1.74E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	2.72E-03
VZ007VB	7.79E-05	3.86E-02	5.92E-03	3.27E-02	0.00E+00	0.00E+00	3.73E-01	3.89E-07	3.50E-05	2.27E-04	0.00E+00	6.36E-04	2.81E-09	8.55E-11	4.97E-03	6.80E-05	3.91E-03	2.01E-03	5.86E-05	1.40E-02	2.66E-01	0.00E+00	3.44E-10	4.72E-10	5.26E-05	1.50E-06	3.61E-02	0.00E+00	2.66E-01	6.95E-10	2.66E-01	3.02E-01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	2.52E-03
VZ00HW	2.39E-04	1.06E-01	2.51E-02	8.09E-02	0.00E+00	0.00E+00	1.53E+00	1.33E-06	1.39E-04	8.29E-04	0.00E+00	2.57E-03	1.19E-08	3.35E-10	1.17E-02	2.88E-04	4.90E-03	2.52E-04	1.33E-04	3.07E-02	9.31E-01	0.00E+00	1.32E-09	1.61E-09	1.95E-04	4.39E-06	1.22E-01	0.00E+00	9.31E-01	2.13E-09	9.31E-01	1.05E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	5.73E-03
VZ00HWF	5.73E-06	1.16E-03	6.29E-03	7.45E-03	0.00E+00	0.00E+00	3.63E-01	1.78E-07	3.01E-05	1.45E-04	0.00E+00	5.87E-04	2.99E-09	7.11E-11	1.60E-03	7.24E-05	2.62E-03	4.68E-04	2.19E-05	6.15E-03	1.39E-01	0.00E+00	2.66E-10	2.12E-10	3.55E-05	1.59E-07	1.56E-02	0.00E+00	1.39E-01	1.41E-10	1.39E-01	1.54E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.42E-04
VZ00UP	8.35E-06	1.19E-03	6.37E-03	7.56E-03	0.00E+00	0.00E+00	3.67E-01	1.80E-07	3.04E-05	1.47E-04	0.00E+00	5.94E-04	3.03E-09	7.20E-11	1.62E-03	7.32E-05	2.65E-03	4.53E-04	2.22E-05	6.23E-03	1.41E-01	0.00E+00	2.69E-10	2.15E-10	3.60E-05	1.60E-07	1.57E-02	0.00E+00	1.41E-01	1.42E-10	1.41E-01	1.56E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	9.55E-04
VZ011	3.46E-05	2.99E-02	1.63E-03	2.83E-02	0.00E+00	0.00E+00	1.18E-01	2.15E-07	1.29E-05	1.06E-04	0.00E+00	2.16E-04	7.73E-10	3.26E-11	4.50E-03	1.87E-05	1.30E-02	1.68E-02	5.45E-05	1.35E-02	1.39E-01	0.00E+00	1.40E-10	2.62E-10	2.38E-05	1.07E-06	2.04E-02	0.00E+00	1.39E-01	4.64E-10	1.39E-01	1.60E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	2.34E-03
VZ012VB	2.22E-05	2.33E-02	7.10E-03	3.04E-02	0.00E+00	0.00E+00	3.91E-01	7.80E-08	3.02E-05	1.14E-04	0.00E+00	6.16E-04	3.38E-09	6.99E-11	5.39E-03	8.17E-05	1.41E-02	1.97E-02	6.86E-05	1.79E-02	8.15E-02	0.00E+00	2.48E-10	8.83E-11	2.95E-05	5.68E-07	5.63E-03	0.00E+00	8.15E-02	1.53E-10	8.15E-02	8.71E-02	5.63E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-03
VZ016VB	1.61E-04	6.86E-02	1.13E-02	5.73E-02	0.00E+00	0.00E+00	7.10E-01	7.16E-07	6.62E-05	4.22E-04	0.00E+00	1.21E-03	5.38E-09	1.61E-10	8.64E-03	1.30E-04	6.90E-03	9.13E-04	1.02E-04	2.42E-02	4.92E-01	0.00E+00	6.46E-10	8.68E-10	9.82E-05	2.69E-06	6.63E-02	0.00E+00	4.92E-01	1.26E-09	4.92E-01	5.58E-01	6.63E-02	0.00E+00	0.00E+00	0.00E+00	4.36E-03
VZ017VB	1.13E-04	4.33E-02	1.13E-02	3.21E-02	0.00E+00	0.00E+00	6.86E-01	5.73E-07	6.16E-05	3.63E-04	0.00E+00	1.15E-03	5.35E-09	1.49E-10	4.54E-03	1.29E-04	1.93E-03	2.39E-03	5.14E-05	1.17E-02	4.04E-01	0.00E+00	5.83E-10	6.92E-10	8.56E-05	1.83E-06	5.25E-02	0.00E+00	4.04E-01	8.95E-10	4.04E-01	4.56E-01	5.25E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
VZ01EK	1.49E-05	6.59E-03	1.24E-03	5.35E-03	0.00E+00	0.00E+00	7.70E-02	7.32E-08	7.09E-06	4.41E-05	0.00E+00	1.30E-04	5.89E-10	1.72E-11	7.96E-04	1.43E-05	4.39E-04	0.00E+00	9.28E-06	2.19E-03	5.07E-02	0.00E+00	6.85E-11	8.87E-11	1.03E-05	2.63E-07	6.76E-03	0.00E+00	5.07E-02	1.24E-10	5.07E-02	5.75E-02	6.76E-03	0.00E+00	0.00E+00	0.00E+00	3.98E-04
VZ02NCH	6.30E-04	2.91E-01	5.33E-02	2.37E-01	0.00E+00	0.00E+00	3.32E+00	3.19E-06	3.06E-04	1.91E-03	0.00E+00	5.62E-03	2.53E-08	7.44E-10	3.54E-02	6.13E-04	2.02E-02	3.67E-03	4.14E-04	9.79E-02	2.20E+00	0.00E+00	2.96E-09	3.86E-09	4.47E-04	1.15E-05	2.95E-01	0.00E+00	2.20E+00	5.45E-09	2.20E+00	2.50E+00	2.95E-01	0.00E+00	0.00E+00	0.00E+00	1.78E-02
VZ02NWH	6.29E-04	2.91E-01	5.25E-02	2.39E-01	0.00E+00	0.00E+00	3.27E+00	3.17E-06	3.02E-04	1.89E-03	0.00E+00	5.54E-03	2.49E-08	7.35E-10	3.57E-02	6.03E-04	2.12E-02	3.63E-03	4.17E-04	9.88E-02	2.19E+00	0.00E+00	2.93E-09	3.84E-09	4.42E-04	1.15E-05	2.93E-01	0.00E+00	2.19E+00	5.43E-09	2.19E+00	2.48E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
VZ041VB	2.41E-06	6.95E-03	7.77E-04	6.18E-03	0.00E+00	0.00E+00	5.06E-02	6.17E-08	4.92E-06	3.40E-05	0.00E+00	8.76E-05	3.69E-10	1.21E-11	9.59E-04	8.92E-06	5.68E-04	2.74E-01	1.14E-05	2.78E-03	4.14E-02	0.00E+00	4.96E-11	7.50E-11	7.82E-06	2.61E-07	5.77E-03	0.00E+00	4.14E-02	1.18E-10	4.14E-02	4.72E-02	5.77E-03	0.00E+00	0.00E+00	0.00E+00	4.92E-04
VZ093	3.50E-05	1.80E-02	2.75E-03	1.52E-02	0.00E+00	0.00E+00	1.74E-01	1.81E-07	1.63E-05	1.05E-04	0.00E+00	2.96E-04	1.31E-09	3.98E-11	2.31E-03	3.16E-05	1.90E-03	1.63E-03	2.73E-05	6.54E-03	1.24E-01	0.00E+00	1.60E-10	2.20E-10	2.45E-05	6.97E-07	1.68E-02	0.00E+00	1.24E-01	3.24E-10	1.24E-01	1.41E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
VZ094	1.60E-05	1.74E-02	1.04E-03	1.63E-02	0.00E+00	0.00E+00	7.45E-02	1.28E-07	7.99E-06	6.40E-05	0.00E+00	1.35E-04	4.96E-10	2.01E-11	2.60E-03	1.20E-05	2.99E-03	2.97E-03	3.14E-05	7.76E-03	8.32E-02	0.00E+00	8.57E-11	1.56E-10	1.44E-05	6.23E-07	1.21E-02	0.00E+00	8.32E-02	2.73E-10	8.32E-02	9.53E-02	1.21E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
VZ095	5.58E-05	3.61E-02	4.21E-03	3.19E-02	0.00E+00	0.00E+00	2.72E-01	3.25E-07	2.64E-05	1.81E-04	0.00E+00	4.71E-04	2.00E-09	6.48E-11	4.94E-03	4.83E-05	4.34E-03	3.16E-03	5.89E-05	1.43E-02	2.19E-01	0.00E+00	2.65E-10	3.95E-10	4.16E-05	1.36E-06	3.04E-02	0.00E+00	2.19E-01	6.16E-10	2.19E-01	2.49E-01	3.04E-02	0.00E+00	0.00E+00	0.00E+00	2.53E-03
VZ096	3.25E-05	2.82E-02	2.25E-03	2.59E-02	0.00E+00	0.00E+00	1.53E-01	2.23E-07	1.56E-05	1.17E-04	0.00E+00	2.71E-04	1.07E-09	3.88E-11	4.08E-03	2.58E-05	4.31E-03	3.65E-03	4.92E-05	1.21E-02	1.47E-01	0.00E+00	1.63E-10	2.72E-10	2.65E-05	1.03E-06	2.11E-02	0.00E+00	1.47E-01	4.55E-10	1.47E-01	1.68E-01	2.11E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
VZ097	4.04E-05	3.34E-02	2.80E-03	3.06E-02	0.00E+00	0.00E+00	1.89E-01	2.69E-07	1.92E-05	1.42E-04	0.00E+00	3.34E-04	1.33E-09	4.76E-11	4.81E-03	3.22E-05	4.86E-03	3.94E-03	5.79E-05	1.42E-02	1.78E-01	0.00E+00	1.99E-10	3.28E-10	3.22E-05	1.22E-06	2.53E-02	0.00E+00	1.78E-01	5.43E-10	1.78E-01	2.03E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	2.49E-03
VZ098	6.81E-05	4.85E-02	4.98E-03	4.35E-02	0.00E+00	0.00E+00	3.27E-01	4.17E-07	3.22E-05	2.27E-04	0.00E+00	5.70E-04	2.36E-09	7.94E-11	6.79E-03	5.71E-05	6.33E-03	4.48E-03	8.12E-05	1.98E-02	2.79E-01	0.00E+00	3.27E-10	5.07E-10	5.20E-05	1.80E-06	3.91E-02	0.00E+00	2.79E-01	8.12E-10	2.79E-01	3.18E-01	3.91E-02	0.00E+00	0.00E+00	0.00E+00	3.49E-03
VZ099	1.60E-04	9.39E-02	1.22E-02	8.16E-02	0.00E+00	0.00E+00	7.83E-01	8.84E-07	7.48E-05	5.00E-04	0.00E+00	1.35E-03	5.81E-09	1.83E-10	1.26E-02	1.40E-04	9.84E-03	5.28E-03	1.49E-04	3.60E-02	5.99E-01	0.00E+00	7.44E-10	1.07E-09	1.16E-04	3.57E-06	8.23E-02	0.00E+00	5.99E-01	1.64E-09	5.99E-01	6.81E-01	8.23E-02	0.00E+00	0.00E+00	0.00E+00	6.40E-03
VZ100	2.97E-04	1.31E-01	2.17E-02	1.09E-01	0.00E+00	0.00E+00	1.36E+00	1.37E-06	1.27E-04	8.06E-04	0.00E+00	2.31E-03	1.03E-08	3.08E-10	1.64E-02	2.49E-04	1.09E-02	2.63E-03	1.93E-04	4.60E-02	9.39E-01	0.00E+00	1.23E-09	1.66E-09	1.88E-04	5.12E-06	1.27E-01	0.00E+00	9.39E-01	2.39E-09	9.39E-01	1.07E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	8.29E-03
VZ101E	5.85E-06	1.69E-04	3.09E-03	2.92E-03	0.00E+00	0.00E+00	1.79E-01	9.17E-08	1.49E-05	7.29E-05	0.00E+00	2.90E-04	1.47E-09	3.53E-11	6.64E-04	3.55E-05	1.42E-03	9.81E-04	9.29E-06	2.65E-03	7.08E-02	0.00E+00	1.32E-10	1.09E-10	1.78E-05	1.03E-07	8.05E-03	0.00E+00	7.08E-02	7.95E-11	7.08E-02	7.88E-02	8.05E-03	0.00E+00	0.00E+00	0.00E+00	3.99E-04
VZ101N	9.46E-06	1.55E-04	3.87E-03	4.03E-03	0.00E+00	0.00E+00	2.24E-01	1.13E-07	1.86E-05	9.05E-05	0.00E+00	3.62E-04	1.84E-09	4.40E-11	8.91E-04	4.45E-05	1.43E-03	1.57E-03	1.24E-05	3.50E-03	8.74E-02	0.00E+00	1.65E-10	1.34E-10	2.21E-05	1.17E-07	9.88E-03	0.00E+00	8.74E-02	9.44E-11	8.74E-02	9.73E-02	9.88E-03	0.00E+00	0.00E+00	0.00E+00	5.31E-04
VZ101WN	4.66E-04	2.56E-01	3.07E-02	2.26E-01	0.00E+00	0.00E+00	1.98E+00	2.33E-06	1.91E-04	1.30E-03	0.00E+00	3.42E-03	1.46E-08	4.70E-10	3.49E-02	3.53E-04	3.12E-02	2.36E-02	4.16E-04	1.01E-01	1.57E+00	0.00E+00	1.92E-09	2.84E-09	3.00E-04	9.67E-06	2.18E-01	0.00E+00	1.57E+00	4.40E-09	1.57E+00	1.79E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	1.79E-02
VZ102N	8.09E-04	3.61E-01	6.73E-02	2.94E-01	0.00E+00	0.00E+00	4.18E+00	3.99E-06	3.85E-04	2.40E-03	0.00E+00	7.07E-03	3.20E-08	9.36E-10	4.37E-02	7.73E-04	2.47E-02	1.02E-03	5.10E-04	1.21E-01	2.76E+00	0.00E+00	3.72E-09	4.84E-09	5.60E-04	1.44E-05	3.69E-01	0.00E+00	2.76E+00	6.79E-09	2.76E+00	3.13E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	2.19E-02
VZ102V	3.10E-04	1.33E-01	2.91E-02	1.04E-01	0.00E+00	0.00E+00	1.79E+00	1.60E-06	1.63E-04	9.85E-04	0.00E+00	3.01E-03	1.38E-08	3.94E-10	1.52E-02	3.34E-04	7.44E-03	1.22E-03	1.76E-04	4.09E-02	1.12E+00	0.00E+00	1.56E-09	1.93E-09	2.31E-04	5.45E-06	1.47E-01	0.00E+00	1.12E+00	2.62E-09	1.12E+00	1.26E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	7.54E-03
VZ102WN	7.13E-04	3.72E-01	5.07E-02	3.21E-01	0.00E+00	0.00E+00	3.23E+00	3.57E-06	3.07E-04	2.03E-03	0.00E+00	5.54E-03	2.41E-08	7.51E-10	4.92E-02	5.82E-04	3.91E-02	2.47E-02	5.84E-04	1.41E-01	2.42E+00	0.00E+00	3.04E-09	4.33E-09	4.70E-04	1.42E-05	3.32E-01	0.00E+00	2.42E+00	6.53E-09	2.42E+00	2.75E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	2.51E-02
VZ103N	7.76E-04	3.44E-01	6.60E-02	2.78E-01	0.00E+00	0.00E+00	4.09E+00	3.86E-06	3.76E-04	2.33E-03	0.00E+00	6.91E-03	3.13E-08	9.13E-10	4.12E-02	7.58E-04	2.26E-02	7.87E-05	4.80E-04	1.13E-01	2.67E+00	0.00E+00	3.63E-09	4.67E-09	5.45E-04	1.37E-05	3.56E-01	0.00E+00	2.67E+00	6.52E-09	2.67E+00	3.03E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	2.06E-02
VZ103V	5.34E-05	1.12E-02	7.96E-03	3.28E-03	0.00E+00	0.00E+00	4.69E-01	2.96E-07	4.02E-05	2.12E-04	0.00E+00	7.70E-04	3.78E-09	9.59E-11	5.19E-05	9.15E-05	8.61E-04	2.26E-03	2.36E-06	1.43E-03	2.19E-01	0.00E+00	3.66E-10	3.56E-10	5.11E-05	6.33E-07	2.66E-02	0.00E+00	2.19E-01	3.58E-10	2.19E-01	2.46E-01	2.66E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-04
VZ103W	7.87E-05	1.14E-02	7.63E-03	3.75E-03	0.00E+00	0.00E+00	4.50E-01	2.88E-07	3.86E-05	2.05E-04	0.00E+00	7.39E-04	3.63E-09	9.22E-11	1.47E-04	8.77E-05	2.99E-03	3.83E-04	1.06E-06	1.07E-03	2.12E-01	0.00E+00	3.52E-10	3.45E-10	4.93E-05	6.27E-07	2.58E-02	0.00E+00	2.12E-01	3.52E-10	2.12E-01	2.38E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	4.64E-05
VZ103WN	8.96E-04	4.59E-01	6.54E-02	3.93E-01	0.00E+00	0.00E+00	4.15E+00	4.48E-06	3.93E-04	2.58E-03	0.00E+00	7.11E-03	3.11E-08	9.60E-10	6.01E-02	7.51E-04	4.50E-02	2.57E-02	7.11E-04	1.71E-01	3.05E+00	0.00E+00	3.88E-09	5.44E-09	5.97E-04	1.76E-05	4.17E-01	0.00E+00	3.05E+00	8.14E-09	3.05E+00	3.47E+00	4.17E-01	0.00E+00	0.00E+00	0.00E+00	3.05E-02
VZ103WV	8.70E-05	7.05E-03	1.35E-02	2.05E-02	0.00E+00	0.00E+00	7.72E-01	3.55E-07	6.35E-05	3.00E-04	0.00E+00	1.25E-03	6.39E-09	1.50E-10	4.16E-03	1.55E-04	1.33E-02	2.27E-02	5.59E-05	1.54E-02	2.81E-01	0.00E+00	5.57E-10	4.23E-10	7.38E-05	1.85E-07	3.08E-02	0.00E+00	2.81E-01	2.36E-10	2.81E-01	3.12E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
VZ104V	3.32E-05	1.20E-03	6.38E-03	7.57E-03	0.00E+00	0.00E+00	3.67E-01	1.80E-07	3.05E-05	1.47E-04	0.00E+00	5.95E-04	3.03E-09	7.21E-11	1.62E-03	7.33E-05	2.09E-03	2.48E-03	2.22E-05	6.24E-03	1.41E-01	0.00E+00	2.69E-10	2.15E-10	3.60E-05	1.60E-07	1.58E-02	0.00E+00	1.41E-01	1.42E-10	1.41E-01	1.56E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	9.56E-04
VZ104W	3.58E-04	1.33E-01	2.94E-02	1.04E-01	0.00E+00	0.00E+00	1.81E+00	1.61E-06	1.64E-04	9.92E-04	0.00E+00	3.04E-03	1.40E-08	3.97E-10	1.51E-02	3.37E-04	4.58E-03	9.33E-04	1.74E-04	4.05E-02	1.12E+00	0.00E+00	1.57E-09	1.94E-09	2.33E-04	5.45E-06	1.48E-01	0.00E+00	1.12E+00	2.62E-09	1.12E+00	1.27E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	7.49E-03
VZ104WN	6.20E-04	3.36E-01	4.51E-02	2.91E-01	0.00E+00	0.00E+00	2.88E+00	3.20E-06	2.74E-04	1.82E-03	0.00E+00	4.94E-03	2.14E-08	6.72E-10	4.47E-02	5.18E-04	3.52E-02	2.47E-02	5.30E-04	1.28E-01	2.17E+00	0.00E+00	2.72E-09	3.89E-09	4.21E-04	1.28E-05	2.98E-01	0.00E+00	2.17E+00	5.89E-09	2.17E+00	2.47E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	2.28E-02
VZ104WV	5.48E-05	7.36E-02	2.02E-03	7.56E-02	0.00E+00	0.00E+00	5.66E-02	3.52E-07	2.82E-06	1.20E-04	0.00E+00	3.23E-05	9.62E-10	1.15E-11	1.24E-02	2.33E-05	1.77E-02	2.35E-02	1.53E-04	3.85E-02	2.06E-01	0.00E+00	8.81E-11	4.35E-10	2.40E-05	2.43E-06	3.47E-02	0.00E+00	2.06E-01	9.93E-10	2.06E-01	2.40E-01	3.47E-02	0.00E+00	0.00E+00	0.00E+00	6.57E-03
VZ105N	1.15E-03	5.10E-01	9.53E-02	4.15E-01	0.00E+00	0.00E+00	5.92E+00	5.65E-06	5.46E-04	3.40E-03	0.00E+00	1.00E-02	4.53E-08	1.33E-09	6.17E-02	1.10E-03	3.47E-02	1.02E-03	7.20E-04	1.70E-01	3.91E+00	0.00E+00	5.27E-09	6.84E-09	7.93E-04	2.03E-05	5.22E-01	0.00E+00	3.91E+00	9.61E-09	3.91E+00	4.43E+00	5.22E-01	0.00E+00	0.00E+00	0.00E+00	3.09E-02
VZ105W	6.99E-05	1.41E-03	6.90E-03	8.31E-03	0.00E+00	0.00E+00	3.97E-01	1.94E-07	3.29E-05	1.59E-04	0.00E+00	6.43E-04	3.28E-09	7.79E-11	1.77E-03	7.93E-05	5.53E-03	2.03E-04	2.43E-05	6.81E-03	1.52E-01	0.00E+00	2.91E-10	2.32E-10	3.89E-05	1.69E-07	1.70E-02	0.00E+00	1.52E-01	1.52E-10	1.52E-01	1.69E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VZ105WN	6.18E-04	3.32E-01	4.18E-02	2.90E-01	0.00E+00	0.00E+00	2.69E+00	3.08E-06	2.58E-04	1.74E-03	0.00E+00	4.62E-03	1.99E-08	6.32E-10	4.47E-02	4.80E-04	3.66E-02	2.60E-02	5.32E-04	1.29E-01	2.08E+00	0.00E+00	2.57E-09	3.74E-09	4.00E-04	1.26E-05	2.87E-01	0.00E+00	2.08E+00	5.75E-09	2.08E+00	2.37E+00	2.87E-01	0.00E+00	0.00E+00	0.00E+00	2.28E-02
VZ105WV	2.73E-04	1.73E-01	1.41E-02	1.59E-01	0.00E+00	0.00E+00	9.57E-01	1.38E-06	9.74E-05	7.25E-04	0.00E+00	1.69E-03	6.70E-09	2.42E-10	2.50E-02	1.62E-04	2.54E-02	2.49E-02	3.01E-04	7.39E-02	9.12E-01	0.00E+00	1.01E-09	1.68E-09	1.65E-04	6.32E-06	1.30E-01	0.00E+00	9.12E-01	2.81E-09	9.12E-01	1.04E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	1.29E-02
VZ111N	1.61E-05	2.64E-03	4.14E-03	1.49E-03	0.00E+00	0.00E+00	2.41E-01	1.36E-07	2.04E-05	1.03E-04	0.00E+00	3.93E-04	1.97E-09	4.84E-11	4.95E-04	4.76E-05	8.88E-04	2.39E-03	7.61E-06	2.34E-03	1.03E-01	0.00E+00	1.83E-10	1.63E-10	2.50E-05	2.20E-07	1.21E-02	0.00E+00	1.03E-01	1.41E-10	1.03E-01	1.15E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	3.27E-04
VZ112N	1.03E-05	7.09E-05	3.67E-03	3.74E-03	0.00E+00	0.00E+00	2.12E-01	1.07E-07	1.76E-05	8.59E-05	0.00E+00	3.44E-04	1.74E-09	4.18E-11	8.32E-04	4.22E-05	1.10E-03	2.40E-03	1.16E-05	3.28E-03	8.31E-02	0.00E+00	1.56E-10	1.28E-10	2.10E-05	1.13E-07	9.40E-03	0.00E+00	8.31E-02	9.05E-11	8.31E-02	9.25E-02	9.40E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
VZ113N	3.12E-05	6.84E-03	4.54E-03	2.30E-03	0.00E+00	0.00E+00	2.68E-01	1.72E-07	2.30E-05	1.22E-04	0.00E+00	4.40E-04	2.16E-09	5.49E-11	9.92E-05	5.22E-05	3.40E-04	2.73E-03	4.92E-07	6.04E-04	1.26E-01	0.00E+00	2.10E-10	2.06E-10	2.94E-05	3.75E-07	1.54E-02	0.00E+00	1.26E-01	2.10E-10	1.26E-01	1.42E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-05
VZ114N	3.28E-05	9.54E-03	5.05E-03	4.49E-03	0.00E+00	0.00E+00	3.00E-01	2.02E-07	2.59E-05	1.40E-04	0.00E+00	4.93E-04	2.40E-09	6.20E-11	4.25E-04	5.80E-05	2.24E-04	2.64E-03	3.31E-06	2.93E-04	1.47E-01	0.00E+00	2.38E-10	2.42E-10	3.36E-05	4.83E-07	1.82E-02	0.00E+00	1.47E-01	2.61E-10	1.47E-01	1.65E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-04
VZ115N	1.51E-05	3.27E-04	2.71E-03	2.39E-03	0.00E+00	0.00E+00	1.57E-01	8.14E-08	1.31E-05	6.44E-05	0.00E+00	2.55E-04	1.29E-09	3.11E-11	5.53E-04	3.12E-05	4.63E-04	2.90E-03	7.80E-06	2.24E-03	6.27E-02	0.00E+00	1.17E-10	9.72E-11	1.57E-05	9.66E-08	7.16E-03	0.00E+00	6.27E-02	7.23E-11	6.27E-02	6.99E-02	7.16E-03	0.00E+00	0.00E+00	0.00E+00	3.35E-04
VZ121N	5.41E-04	1.70E-01	4.60E-02	1.24E-01	0.00E+00	0.00E+00	2.79E+00	2.30E-06	2.50E-04	1.47E-03	0.00E+00	4.67E-03	2.18E-08	6.03E-10	1.74E-02	5.28E-04	9.04E-03	7.87E-03	1.96E-04	4.42E-02	1.63E+00	0.00E+00	2.36E-09	2.78E-09	3.46E-04	7.22E-06	2.10E-01	0.00E+00	1.63E+00	3.56E-09	1.63E+00	1.84E+00	2.10E-01	0.00E+00	0.00E+00	0.00E+00	8.41E-03

VZ122N	1.96E-04	8.97E-02	1.88E-02	7.09E-02	0.00E+00	0.00E+00	1.16E+00	1.05E-06	1.06E-04	6.45E-04	0.00E+00	1.95E-03	8.93E-09	2.56E-10	1.04E-02	2.16E-04	5.68E-03	5.24E-04	1.20E-04	2.81E-02	7.34E-01	0.00E+00	1.01E-09	1.27E-09	1.51E-04	3.64E-06	9.70E-02	0.00E+00	7.34E-01	1.74E-09	7.34E-01	8.31E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	5.16E-03
VZ122W	1.81E-05	2.38E-04	2.93E-03	2.69E-03	0.00E+00	0.00E+00	1.69E-01	8.72E-08	1.41E-05	6.92E-05	0.00E+00	2.75E-04	1.39E-09	3.35E-11	6.16E-04	3.37E-05	2.12E-03	5.66E-04	8.64E-06	2.47E-03	6.73E-02	0.00E+00	1.25E-10	1.04E-10	1.69E-05	1.00E-07	7.66E-03	0.00E+00	6.73E-02	7.64E-11	6.73E-02	7.49E-02	7.66E-03	0.00E+00	0.00E+00	0.00E+00	3.71E-04
VZ123N	1.34E-05	2.77E-04	4.17E-03	4.44E-03	0.00E+00	0.00E+00	2.40E-01	1.21E-07	2.00E-05	9.71E-05	0.00E+00	3.90E-04	1.98E-09	4.73E-11	9.76E-04	4.79E-05	9.79E-04	1.65E-03	1.35E-05	3.83E-03	9.36E-02	0.00E+00	1.77E-10	1.44E-10	2.38E-05	1.22E-07	1.06E-02	0.00E+00	9.36E-02	1.00E-10	9.36E-02	1.04E-01	1.06E-02	0.00E+00	0.00E+00	0.00E+00	5.81E-04
VZ123W	7.47E-04	3.31E-01	6.24E-02	2.69E-01	0.00E+00	0.00E+00	3.87E+00	3.68E-06	3.56E-04	2.22E-03	0.00E+00	6.55E-03	2.96E-08	8.66E-10	4.00E-02	7.17E-04	2.21E-02	0.00E+00	4.66E-04	1.10E-01	2.55E+00	0.00E+00	3.44E-09	4.46E-09	5.18E-04	1.32E-05	3.40E-01	0.00E+00	2.55E+00	6.25E-09	2.55E+00	2.89E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	2.00E-02
VZ124N	1.36E-04	5.24E-02	1.40E-02	3.84E-02	0.00E+00	0.00E+00	8.52E-01	7.04E-07	7.63E-05	4.48E-04	0.00E+00	1.42E-03	6.65E-09	1.84E-10	5.40E-03	1.61E-04	2.45E-03	1.55E-03	6.09E-05	1.38E-02	4.97E-01	0.00E+00	7.21E-10	8.50E-10	1.06E-04	2.22E-06	6.44E-02	0.00E+00	4.97E-01	1.09E-09	4.97E-01	5.61E-01	6.44E-02	0.00E+00	0.00E+00	0.00E+00	2.61E-03
VZ125N	1.39E-05	1.10E-04	3.23E-03	3.12E-03	0.00E+00	0.00E+00	1.87E-01	9.55E-08	1.56E-05	7.61E-05	0.00E+00	3.03E-04	1.54E-09	3.69E-11	7.05E-04	3.72E-05	9.77E-04	1.27E-03	9.85E-06	2.81E-03	7.38E-02	0.00E+00	1.38E-10	1.14E-10	1.86E-05	1.06E-07	8.38E-03	0.00E+00	7.38E-02	8.22E-11	7.38E-02	8.22E-02	8.38E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
VZ126N	1.07E-04	3.92E-02	1.07E-02	2.85E-02	0.00E+00	0.00E+00	6.50E-01	5.33E-07	5.82E-05	3.40E-04	0.00E+00	1.09E-03	5.08E-09	1.40E-10	3.99E-03	1.23E-04	1.52E-03	1.28E-03	4.49E-05	1.01E-02	3.77E-01	0.00E+00	5.49E-10	6.44E-10	8.03E-05	1.67E-06	4.88E-02	0.00E+00	3.77E-01	8.23E-10	3.77E-01	4.26E-01	4.88E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03
VZ127N	9.43E-04	4.18E-01	7.88E-02	3.40E-01	0.00E+00	0.00E+00	4.89E+00	4.65E-06	4.50E-04	2.80E-03	0.00E+00	8.27E-03	3.74E-08	1.09E-09	5.05E-02	9.05E-04	2.79E-02	0.00E+00	5.89E-04	1.39E-01	3.22E+00	0.00E+00	4.35E-09	5.63E-09	6.54E-04	1.67E-05	4.29E-01	0.00E+00	3.22E+00	7.89E-09	3.22E+00	3.65E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	2.53E-02
VZ12AU	4.64E-05	1.20E-02	6.20E-03	5.77E-03	0.00E+00	0.00E+00	3.68E-01	2.49E-07	3.19E-05	1.73E-04	0.00E+00	6.07E-04	2.95E-09	7.63E-11	5.63E-04	7.13E-05	1.21E-03	1.78E-03	4.56E-06	4.86E-04	1.82E-01	0.00E+00	2.93E-10	2.99E-10	4.14E-05	6.02E-07	2.24E-02	0.00E+00	1.82E-01	3.24E-10	1.82E-01	2.04E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-04
VZ12CAV	1.41E-05	5.64E-05	3.36E-03	3.31E-03	0.00E+00	0.00E+00	1.94E-01	9.90E-08	1.62E-05	7.90E-05	0.00E+00	3.15E-04	1.60E-09	3.83E-11	7.43E-04	3.87E-05	1.18E-03	8.87E-04	1.04E-05	2.95E-03	7.66E-02	0.00E+00	1.44E-10	1.18E-10	1.93E-05	1.08E-07	8.68E-03	0.00E+00	7.66E-02	8.47E-11	7.66E-02	8.52E-02	8.68E-03	0.00E+00	0.00E+00	0.00E+00	4.45E-04
VZ12CHU	7.45E-05	1.06E-02	9.46E-03	1.15E-03	0.00E+00	0.00E+00	5.55E-01	3.37E-07	4.73E-05	2.46E-04	0.00E+00	9.09E-04	4.50E-09	1.13E-10	3.87E-04	1.09E-04	1.56E-03	3.96E-03	8.30E-06	3.08E-03	2.51E-01	0.00E+00	4.29E-10	4.04E-10	5.94E-05	6.59E-07	3.01E-02	0.00E+00	2.51E-01	3.86E-10	2.51E-01	2.81E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	3.58E-04
VZ12NAV	3.14E-04	1.35E-01	2.81E-02	1.07E-01	0.00E+00	0.00E+00	1.74E+00	1.58E-06	1.58E-04	9.67E-04	0.00E+00	2.92E-03	1.34E-08	3.84E-10	1.57E-02	3.23E-04	7.95E-03	9.30E-05	1.82E-04	4.26E-02	1.10E+00	0.00E+00	1.52E-09	1.91E-09	2.27E-04	5.48E-06	1.46E-01	0.00E+00	1.10E+00	2.62E-09	1.10E+00	1.25E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	7.82E-03
VZ131N	4.26E-04	1.12E-01	3.56E-02	7.62E-02	0.00E+00	0.00E+00	2.15E+00	1.67E-06	1.90E-04	1.09E-03	0.00E+00	3.58E-03	1.69E-08	4.58E-10	1.02E-02	4.09E-04	3.87E-03	7.03E-03	1.12E-04	2.43E-02	1.19E+00	0.00E+00	1.78E-09	2.02E-09	2.58E-04	4.92E-06	1.52E-01	0.00E+00	1.19E+00	2.47E-09	1.19E+00	1.34E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-03
VZ132N	9.96E-05	3.69E-02	9.31E-03	2.76E-02	0.00E+00	0.00E+00	5.68E-01	4.79E-07	5.11E-05	3.02E-04	0.00E+00	9.51E-04	4.42E-09	1.23E-10	3.92E-03	1.07E-04	2.36E-04	1.00E-03	4.46E-05	1.02E-02	3.37E-01	0.00E+00	4.84E-10	5.79E-10	7.12E-05	1.55E-06	4.39E-02	0.00E+00	3.37E-01	7.55E-10	3.37E-01	3.81E-01	4.39E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
VZ133N	3.63E-05	1.40E-04	3.83E-03	3.97E-03	0.00E+00	0.00E+00	2.21E-01	1.12E-07	1.84E-05	8.96E-05	0.00E+00	3.59E-04	1.82E-09	4.36E-11	8.80E-04	4.41E-05	3.08E-03	6.36E-04	1.22E-05	3.46E-03	8.66E-02	0.00E+00	1.63E-10	1.33E-10	2.19E-05	1.16E-07	9.79E-03	0.00E+00	8.66E-02	9.37E-11	8.66E-02	9.64E-02	9.79E-03	0.00E+00	0.00E+00	0.00E+00	5.25E-04
VZ134N	4.89E-05	3.57E-04	4.36E-03	4.71E-03	0.00E+00	0.00E+00	2.51E-01	1.26E-07	2.09E-05	1.01E-04	0.00E+00	4.07E-04	2.07E-09	4.95E-11	1.03E-03	5.01E-05	3.87E-03	8.86E-04	1.43E-05	4.03E-03	9.77E-02	0.00E+00	1.85E-10	1.50E-10	2.48E-05	1.25E-07	1.10E-02	0.00E+00	9.77E-02	1.04E-10	9.77E-02	1.09E-01	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.14E-04
VZ135	2.16E-06	6.31E-04	2.14E-03	2.78E-03	0.00E+00	0.00E+00	1.23E-01	5.94E-08	1.02E-05	4.89E-05	0.00E+00	2.00E-04	1.02E-09	2.41E-11	5.82E-04	2.47E-05	4.43E-04	2.52E-03	7.94E-06	2.21E-03	4.65E-02	0.00E+00	9.00E-11	7.08E-11	1.20E-05	4.62E-08	5.18E-03	0.00E+00	4.65E-02	4.46E-11	4.65E-02	5.17E-02	5.18E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
VZ135N	2.89E-05	1.65E-03	7.47E-03	9.12E-03	0.00E+00	0.00E+00	4.30E-01	2.10E-07	3.56E-05	1.71E-04	0.00E+00	6.96E-04	3.55E-09	8.43E-11	1.94E-03	8.59E-05	1.04E-03	3.02E-03	2.65E-05	7.43E-03	1.64E-01	0.00E+00	3.15E-10	2.50E-10	4.20E-05	1.79E-07	1.83E-02	0.00E+00	1.64E-01	1.63E-10	1.64E-01	1.82E-01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
VZ136	6.50E-05	2.60E-02	7.48E-03	1.85E-02	0.00E+00	0.00E+00	4.53E-01	3.65E-07	4.04E-05	2.34E-04	0.00E+00	7.56E-04	3.55E-09	9.73E-11	2.56E-03	8.59E-05	1.44E-03	1.94E-03	2.86E-05	6.36E-03	2.59E-01	0.00E+00	3.80E-10	4.40E-10	5.55E-05	1.12E-06	3.33E-02	0.00E+00	2.59E-01	5.55E-10	2.59E-01	2.92E-01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-03
VZ141N	6.97E-05	2.59E-02	7.65E-03	1.83E-02	0.00E+00	0.00E+00	4.63E-01	3.69E-07	4.12E-05	2.38E-04	0.00E+00	7.72E-04	3.63E-09	9.93E-11	2.51E-03	8.79E-05	2.02E-04	5.63E-04	2.79E-05	6.17E-03	2.62E-01	0.00E+00	3.88E-10	4.46E-10	5.64E-05	1.12E-06	3.37E-02	0.00E+00	2.62E-01	5.58E-10	2.62E-01	2.96E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
VZ142N	1.40E-04	5.27E-02	1.33E-02	3.94E-02	0.00E+00	0.00E+00	8.11E-01	6.85E-07	7.30E-05	4.32E-04	0.00E+00	1.36E-03	6.32E-09	1.76E-10	5.61E-03	1.53E-04	1.75E-03	8.51E-04	6.36E-05	1.45E-02	4.82E-01	0.00E+00	6.92E-10	8.28E-10	1.02E-04	2.21E-06	6.28E-02	0.00E+00	4.82E-01	1.08E-09	4.82E-01	5.45E-01	6.28E-02	0.00E+00	0.00E+00	0.00E+00	2.73E-03
VZ143N	3.11E-05	1.64E-03	4.12E-03	5.76E-03	0.00E+00	0.00E+00	2.36E-01	1.12E-07	1.95E-05	9.28E-05	0.00E+00	3.82E-04	1.96E-09	4.61E-11	1.19E-03	4.73E-05	1.11E-03	2.18E-03	1.61E-05	4.46E-03	8.79E-02	0.00E+00	1.72E-10	1.33E-10	2.28E-05	7.41E-08	9.70E-03	0.00E+00	8.79E-02	7.94E-11	8.79E-02	9.76E-02	9.70E-03	0.00E+00	0.00E+00	0.00E+00	6.91E-04
VZ144N	1.60E-04	5.22E-02	1.44E-02	3.79E-02	0.00E+00	0.00E+00	8.73E-01	7.14E-07	7.80E-05	4.56E-04	0.00E+00	1.46E-03	6.83E-09	1.88E-10	5.29E-03	1.65E-04	1.88E-03	1.63E-03	5.94E-05	1.34E-02	5.05E-01	0.00E+00	7.37E-10	8.62E-10	1.08E-04	2.23E-06	6.53E-02	0.00E+00	5.05E-01	1.10E-09	5.05E-01	5.70E-01	6.53E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
VZ201	4.64E-06	3.47E-04	2.66E-03	2.32E-03	0.00E+00	0.00E+00	1.54E-01	8.01E-08	1.29E-05	6.33E-05	0.00E+00	2.50E-04	1.27E-09	3.05E-11	5.39E-04	3.06E-05	8.95E-04	1.66E-04	7.60E-06	2.18E-03	6.17E-02	0.00E+00	1.14E-10	9.56E-11	1.54E-05	9.58E-08	7.04E-03	0.00E+00	6.17E-02	7.14E-11	6.17E-02	6.87E-02	7.04E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
VZ203	3.12E-05	5.03E-04	4.71E-03	5.21E-03	0.00E+00	0.00E+00	2.72E-01	1.35E-07	2.26E-05	1.09E-04	0.00E+00	4.40E-04	2.24E-09	5.34E-11	1.13E-03	5.41E-05	1.57E-03	1.24E-03	1.57E-05	4.42E-03	1.05E-01	0.00E+00	2.00E-10	1.61E-10	2.68E-05	1.31E-07	1.18E-02	0.00E+00	1.05E-01	1.10E-10	1.05E-01	1.17E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	6.73E-04
VZ204	3.97E-04	1.62E-01	3.41E-02	1.28E-01	0.00E+00	0.00E+00	2.10E+00	1.90E-06	1.91E-04	1.17E-03	0.00E+00	3.53E-03	1.62E-08	4.64E-10	1.88E-02	3.91E-04	9.55E-03	5.96E-04	2.17E-04	5.07E-02	1.33E+00	0.00E+00	1.84E-09	2.30E-09	2.74E-04	6.57E-06	1.75E-01	0.00E+00	1.33E+00	3.14E-09	1.33E+00	1.50E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	9.31E-03
VZ221H	3.38E-05	3.10E-02	5.94E-03	2.51E-02	0.00E+00	0.00E+00	3.69E-01	3.48E-07	3.39E-05	2.10E-04	0.00E+00	6.23E-04	2.82E-09	8.22E-11	3.72E-03	6.83E-05	2.50E-03	2.09E-03	4.33E-05	1.02E-02	2.41E-01	0.00E+00	3.27E-10	4.21E-10	4.91E-05	1.24E-06	3.21E-02	0.00E+00	2.41E-01	5.88E-10	2.41E-01	2.73E-01	3.21E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
VZ221N	2.61E-05	1.46E-03	1.09E-05	1.47E-03	0.00E+00	0.00E+00	5.59E-04	7.84E-09	1.96E-07	3.06E-06	0.00E+00	2.09E-06	5.25E-12	5.60E-13	2.40E-04	1.28E-07	6.12E-04	1.40E-03	2.95E-06	7.38E-04	4.74E-03	0.00E+00	2.99E-12	9.65E-12	6.43E-07	4.92E-08	7.63E-04	0.00E+00	4.74E-03	2.04E-11	4.74E-03	5.51E-03	7.63E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04
VZ221NA	2.66E-05	1.50E-03	1.05E-04	1.60E-03	0.00E+00	0.00E+00	4.82E-03	5.31E-09	2.48E-07	9.54E-07	0.00E+00	6.60E-06	4.97E-11	4.88E-13	2.67E-04	1.20E-06	5.32E-04	1.42E-03	3.31E-06	8.41E-04	2.75E-03	0.00E+00	9.13E-13	6.64E-12	1.25E-07	4.76E-08	5.43E-04	0.00E+00	2.75E-03	1.86E-11	2.75E-03	3.29E-03	5.43E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
VZ222H	2.98E-05	1.23E-03	5.38E-04	6.94E-04	0.00E+00	0.00E+00	3.21E-02	2.27E-08	2.80E-06	1.54E-05	0.00E+00	5.30E-05	2.56E-10	6.71E-12	8.04E-05	6.18E-06	5.49E-04	2.02E-03	7.82E-07	1.39E-04	1.64E-02	0.00E+00	2.59E-11	2.73E-11	3.68E-06	5.88E-08	2.05E-03	0.00E+00	1.64E-02	3.09E-11	1.64E-02	1.85E-02	2.05E-03	0.00E+00	0.00E+00	0.00E+00	3.35E-05
VZ222N	5.85E-06	8.31E-03	1.00E-03	7.31E-03	0.00E+00	0.00E+00	6.46E-02	7.59E-08	6.24E-06	4.24E-05	0.00E+00	1.12E-04	4.76E-10	1.53E-11	1.13E-03	1.15E-05	1.22E-03	1.69E-03	1.35E-05	3.26E-03	5.12E-02	0.00E+00	6.24E-11	9.22E-11	9.77E-06	3.14E-07	7.08E-03	0.00E+00	5.12E-02	1.43E-10	5.12E-02	5.82E-02	7.08E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
VZ222NA	6.64E-06	8.33E-03	9.58E-04	7.38E-03	0.00E+00	0.00E+00	6.21E-02	7.47E-08	6.03E-06	4.14E-05	0.00E+00	1.07E-04	4.55E-10	1.48E-11	1.14E-03	1.10E-05	1.10E-03	1.69E-03	1.36E-05	3.31E-03	5.02E-02	0.00E+00	6.06E-11	9.08E-11	9.52E-06	3.13E-07	6.98E-03	0.00E+00	5.02E-02	1.42E-10	5.02E-02	5.72E-02	6.98E-03	0.00E+00	0.00E+00	0.00E+00	5.86E-04
VZ223H	2.74E-05	1.39E-03	1.51E-04	1.24E-03	0.00E+00	0.00E+00	9.83E-03	1.22E-08	9.61E-07	6.70E-06	0.00E+00	1.71E-05	7.15E-11	2.37E-12	1.93E-04	1.73E-06	8.46E-04	2.27E-03	2.31E-06	5.62E-04	8.18E-03	0.00E+00	9.72E-12	1.48E-11	1.54E-06	5.20E-08	1.14E-03	0.00E+00	8.18E-03	2.35E-11	8.18E-03	9.32E-03	1.14E-03	0.00E+00	0.00E+00	0.00E+00	9.92E-05
VZ224N	1.46E-05	1.77E-02	2.90E-03	1.48E-02	0.00E+00	0.00E+00	1.82E-01	1.84E-07	1.70E-05	1.08E-04	0.00E+00	3.10E-04	1.38E-09	4.14E-11	2.23E-03	3.34E-05	2.36E-03	1.75E-03	2.63E-05	6.27E-03	1.26E-01	0.00E+00	1.66E-10	2.23E-10	2.52E-05	6.93E-07	1.71E-02	0.00E+00	1.26E-01	3.23E-10	1.26E-01	1.44E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03
VZ224NA	7.23E-05	4.48E-02	7.70E-03	3.71E-02	0.00E+00	0.00E+00	4.81E-01	4.76E-07	4.47E-05	2.82E-04	0.00E+00	8.17E-04	3.66E-09	1.09E-10	5.58E-03	8.84E-05	4.05E-03	1.89E-03	6.54E-05	1.56E-02	3.28E-01	0.00E+00	4.34E-10	5.78E-10	6.58E-05	1.76E-06	4.41E-02	0.00E+00	3.28E-01	8.27E-10	3.28E-01	3.72E-01	4.41E-02	0.00E+00	0.00E+00	0.00E+00	2.81E-03
VZ225A	2.12E-05	1.11E-03	8.19E-04	2.95E-04	0.00E+00	0.00E+00	4.83E-02	3.03E-08	4.13E-06	2.18E-05	0.00E+00	7.92E-05	3.89E-10	9.86E-12	1.63E-06	9.42E-06	1.11E-03	1.44E-03	3.28E-07	1.69E-04	2.24E-02	0.00E+00	3.76E-11	3.64E-11	5.24E-06	6.37E-08	2.71E-03	0.00E+00	2.24E-02	3.62E-11	2.24E-02	2.51E-02	2.71E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-05
VZ225NA	9.40E-06	6.54E-03	1.77E-03	4.78E-03	0.00E+00	0.00E+00	1.07E-01	8.84E-08	9.61E-06	5.63E-05	0.00E+00	1.79E-04	8.39E-10	2.32E-11	6.70E-04	2.03E-05	1.49E-03	1.48E-03	7.55E-06	1.70E-03	6.25E-02	0.00E+00	9.08E-11	1.07E-10	1.33E-05	2.78E-07	8.09E-03	0.00E+00	6.25E-02	1.37E-10	6.25E-02	7.06E-02	8.09E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
VZ24AP2	1.81E-05	6.58E-04	5.08E-03	5.74E-03	0.00E+00	0.00E+00	2.93E-01	1.45E-07	2.43E-05	1.18E-04	0.00E+00	4.75E-04	2.41E-09	5.76E-11	1.24E-03	5.84E-05	2.26E-03	1.80E-03	1.71E-05	4.83E-03	1.13E-01	0.00E+00	2.15E-10	1.73E-10	2.88E-05	1.38E-07	1.27E-02	0.00E+00	1.13E-01	1.17E-10	1.13E-01	1.26E-01	1.27E-02	0.00E+00	0.00E+00	0.00E+00	7.36E-04
VZ24AU	2.79E-05	7.14E-04	5.22E-03	5.93E-03	0.00E+00	0.00E+00	3.01E-01	1.49E-07	2.50E-05	1.21E-04	0.00E+00	4.87E-04	2.48E-09	5.91E-11	1.28E-03	6.00E-05	2.75E-03	2.51E-03	1.77E-05	4.97E-03	1.16E-01	0.00E+00	2.21E-10	1.78E-10	2.96E-05	1.40E-07	1.30E-02	0.00E+00	1.16E-01	1.20E-10	1.16E-01	1.29E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.59E-04
VZ24CHU	8.17E-04	3.62E-01	6.82E-02	2.94E-01	0.00E+00	0.00E+00	4.23E+00	4.03E-06	3.90E-04	2.42E-03	0.00E+00	7.16E-03	3.24E-08	9.47E-10	4.37E-02	7.83E-04	2.42E-02	0.00E+00	5.10E-04	1.20E-01	2.79E+00	0.00E+00	3.77E-09	4.88E-09	5.66E-04	1.44E-05	3.72E-01	0.00E+00	2.79E+00	6.83E-09	2.79E+00	3.16E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	2.19E-02
VZ24NAV	3.04E-05	8.82E-04	5.62E-03	6.50E-03	0.00E+00	0.00E+00	3.24E-01	1.60E-07	2.69E-05	1.30E-04	0.00E+00	5.25E-04	2.67E-09	6.36E-11	1.40E-03	6.46E-05	1.81E-03	2.10E-03	1.93E-05	5.42E-03	1.25E-01	0.00E+00	2.38E-10	1.91E-10	3.18E-05	1.47E-07	1.40E-02	0.00E+00	1.25E-01	1.28E-10	1.25E-01	1.39E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.28E-04
VZ24NRK	1.77E-05	1.45E-03	1.01E-05	1.44E-03	0.00E+00	0.00E+00	1.77E-03	8.40E-09	2.95E-07	3.53E-06	0.00E+00	4.04E-06	4.74E-12	7.95E-13	2.34E-04	1.14E-07	2.94E-04	4.29E-04	2.86E-06	7.15E-04	5.19E-03	0.00E+00	3.86E-12	1.03E-11	7.59E-07	4.96E-08	8.12E-04	0.00E+00	5.19E-03	2.08E-11	5.19E-03	6.00E-03	8.12E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
VZ24NUH	2.16E-05	2.24E-03	5.38E-03	7.62E-03	0.00E+00	0.00E+00	3.09E-01	1.45E-07	2.55E-05	1.21E-04	0.00E+00	4.99E-04	2.56E-09	6.02E-11	1.57E-03	6.19E-05	2.13E-03	2.76E-03	2.12E-05	5.88E-03	1.15E-01	0.00E+00	2.24E-10	1.73E-10	2.98E-05	9.36E-08	1.26E-02	0.00E+00	1.15E-01	1.02E-10	1.15E-01	1.27E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	9.12E-04
VZ309	3.02E-06	1.57E-03	2.73E-04	1.84E-03	0.00E+00	0.00E+00	1.45E-02	7.44E-10	1.05E-06	2.85E-06	0.00E+00	2.23E-05	1.30E-10	2.38E-12	3.17E-04	3.15E-06	7.84E-04	1.62E-03	3.98E-06	1.03E-03	8.46E-04	0.00E+00	7.95E-12	1.21E-12	8.10E-07	4.46E-08	1.47E-04	0.00E+00	8.46E-04	1.54E-11	8.46E-04	7.00E-04	1.47E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
VZ311	9.28E-06	5.72E-03	2.37E-04	5.49E-03	0.00E+00	0.00E+00	1.83E-02	3.89E-08	2.11E-06	1.86E-05	0.00E+00	3.43E-05	1.12E-10	5.38E-12	8.79E-04	2.71E-06	1.07E-03	1.05E-03	1.07E-05	2.65E-03	2.49E-02	0.00E+00	2.36E-11	4.76E-11	4.12E-06	2.02E-07	3.71E-03	0.00E+00	2.49E-02	8.70E-11	2.49E-02	2.86E-02	3.71E-03	0.00E+00	0.00E+00	0.00E+00	4.59E-04
VZ313	1.52E-05	8.34E-03	1.04E-03	7.30E-03	0.00E+00	0.00E+00	6.68E-02	7.71E-08	6.42E-06	4.33E-05	0.00E+00	1.15E-04	4.94E-10	1.57E-11	1.13E-03	1.19E-05	1.08E-03	7.87E-04	1.34E-05	3.24E-03	5.21E-02	0.00E+00	6.41E-11	9.37E-11	9.99E-06	3.16E-07	7.19E-03	0.00E+00	5.21E-02	1.44E-10	5.21E-02	5.93E-02	7.19E-03	0.00E+00	0.00E+00	0.00E+00	5.75E-04
VZ331N	2.44E-04	1.55E-01	1.29E-02	1.42E-01	0.00E+00	0.00E+00	8.73E-01	1.24E-06	8.86E-05	6.55E-04	0.00E+00	1.54E-03	6.14E-09	2.20E-10	2.23E-02	1.49E-04	2.41E-02	2.29E-02	2.68E-04	6.58E-02	8.23E-01	0.00E+00	9.18E-10	1.52E-09	1.49E-04	5.66E-06	1.17E-01	0.00E+00	8.23E-01	2.52E-09	8.23E-01	9.40E-01	1.17E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-02
VZ332N	7.13E-04	3.72E-01	5.07E-02	3.21E-01	0.00E+00	0.00E+00	3.23E+00	3.57E-06	3.07E-04	2.03E-03	0.00E+00	5.54E-03	2.41E-08	7.51E-10	4.92E-02	5.82E-04	3.91E-02	2.47E-02	5.84E-04	1.41E-01	2.42E+00	0.00E+00	3.04E-09	4.33E-09	4.70E-04	1.42E-05	3.32E-01	0.00E+00	2.42E+00	6.53E-09	2.42E+00	2.75E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	2.51E-02
VZ333N	5.00E-04	2.77E-01	3.37E-02	2.43E-01	0.00E+00	0.00E+00	2.17E+00	2.54E-06	2.09E-04	1.42E-03	0.00E+00	3.74E-03	1.60E-08	5.13E-10	3.76E-02	3.87E-04	3.23E-02	2.45E-02	4.48E-04	1.08E-01	1.71E+00	0.00E+00	2.09E-09	3.08E-09	3.27E-04	1.05E-05	2.37E-01	0.00E+00	1.71E+00	4.77E-09	1.71E+00	1.95E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	1.92E-02
VZ334N	2.35E-04	1.56E-01	1.24E-02	1.44E-01	0.00E+00	0.00E+00	8.45E-01	1.24E-06	8.64E-05	6.47E-04	0.00E+00	1.50E-03	5.90E-09	2.15E-10	2.27E-02	1.43E-04	2.36E-02	2.40E-02	2.73E-04	6.71E-02	8.16E-01	0.00E+00	9.00E-10	1.51E-09	1.47E-04	5.70E-06	1.17E-01	0.00E+00	8.16E-01	2.53E-09	8.16E-01	9.33E-01	1.17E-01	0.00E+00	0.00E+00	0.00E+00	1.17E-02
VZ335N	5.00E-04	2.78E-01	3.23E-02	2.45E-01	0.00E+00	0.00E+00	2.09E+00	2.50E-06	2.03E-04	1.39E-03	0.00E+00	3.62E-03	1.54E-08	4.99E-10	3.80E-02	3.71E-04	3.28E-02	2.56E-02	4.53E-04	1.10E-01	1.68E+00	0.00E+00	2.04E-09	3.04E-09	3.20E-04	1.04E-05	2.34E-01	0.00E+00	1.68E+00	4.74E-09	1.68E+00	1.92E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	1.94E-02
VZ36AP2	3.16E-04	1.32E-01	2.85E-02	1.04E-01	0.00E+00	0.00E+00	1.75E+00	1.57E-06	1.60E-04	9.69E-04	0.00E+00	2.95E-03	1.35E-08	3.86E-10	1.52E-02	3.27E-04	7.35E-03	1.10E-03	1.75E-04	4.08E-02	1.10E+00	0.00E+00	1.53E-09	1.91E-09	2.27E-04	5.39E-06	1.45E-01	0.00E+00	1.10E+00	2.58E-09	1.10E+00	1.24E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	7.51E-03
VZ36AU	7.59E-04	3.31E-01	6.46E-02	2.67E-01	0.00E+00	0.00E+00	4.00E+00	3.75E-06	3.67E-04	2.27E-03	0.00E+00	6.76E-03	3.07E-08	8.91E-10	3.95E-02	7.42E-04	2.08E-02	1.14E-03	4.59E-04	1.08E-01	2.60E+00	0.00E+00	3.54E-09	4.54E-09	5.31E-04	1.33E-05	3.46E-01	0.00E+00	2.60E+00	6.30E-09	2.60E+00	2.94E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	1.97E-02
VZ36CAV	1.01E-03	4.49E-01	8.45E-02	3.64E-01	0.00E+00	0.00E+00	5.25E+00	4.99E-06	4.83E-04	3.00E-03	0.00E+00	8.87E-03	4.01E-08	1.17E-09	5.42E-02	9.70E-04	2.99E-02	0.00E+00	6.32E-04	1.49E-01	3.45E+00	0.00E+00	4.66E-09	6.04E-09	7.01E-04	1.79E-05	4.60E-01	0.00E+00	3.45E+00	8.47E-09	3.45E+00	3.91E+00	4.60E-01	0.00E+00	0.00E+00	0.00E+00	2.71E-02
VZ36CHU	9.75E-04	4.33E-01	8.14E-02	3.51E-01	0.00E+00	0.00E+00	5.06E+00	4.81E-06	4.65E-04	2.89E-03	0.00E+00	8.55E-03	3.87E-08	1.13E-09	5.22E-02	9.36E-04	2.88E-02	0.00E+00	6.09E-04	1.44E-01	3.33E+00	0.00E+00	4.50E-09	5.82E-09	6.76E-04	1.73E-05	4.44E-01	0.00E+00	3.33E+00	8.16E-09	3.33E+00	3.77E+00	4.44E-01	0.00E+00	0.00E+00	0.00E+00	2.62E-02
VZ36MME	2.73E-04	1.42E-01	2.29E-02	1.19E-01	0.00E+00	0.00E+00	1.44E+00	1.46E-06	1.34E-04	8.60E-04	0.00E+00	2.45E-03	1.09E-08	3.27E-10	1.80E-02	2.63E-04	1.05E-02	3.59E-03	2.12E-04	5.05E-02	1.00E+00	0.00E+00	1.31E-09	1.78E-09	2.00E-04	5.54E-06	1.36E-01	0.00E+00	1.00E+00	2.58E-09	1.00E+00	1.14E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	9.08E-03
VZ36MMK	2.73E-04	1.42E-01	2.29E-02	1.19E-01	0.00E+00	0.00E+00	1.44E+00	1.46E-06	1.34E-04	8.60E-04	0.00E+00	2.45E-03	1.09E-08	3.27E-10	1.80E-02	2.63E-04	1.05E-02	3.59E-03	2.12E-04	5.05E-02	1.00E+00	0.00E+00	1.31E-09	1.78E-09	2.00E-04	5.54E-06	1.36E-01	0.00E+00	1.00E+00	2.58E-09	1.00E+00	1.14E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	9.08E-03
VZ36NAV	3.30E-04	1.33E-01	3.07E-02	1.02E-01	0.00E+00	0.00E+00	1.88E+00	1.64E-06	1.70E-04	1.02E-03	0.00E+00	3.16E-03	1.46E-08	4.12E-10	1.47E-02	3.53E-04	7.05E-03	1.94E-03	1.69E-04	3.91E-02	1.15E+00	0.00E+00	1.62E-09	1.99E-09	2.40E-04	5.48E-06	1.51E-01	0.00E+00	1.15E+00	2.65E-09	1.15E+00	1.30E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	7.26E-03
VZ36NRK	1.32E-05	4.83E-04	1.17E-03	1.65E-03	0.00E+00	0.00E+00	6.70E-02	3.15E-08	5.53E-06	2.63E-05	0.00E+00	1.08E-04	5.54E-10	1.31E-11	3.39E-04	1.34E-05	1.59E-03	5.88E-04	4.59E-06	1.27E-03	2.48E-02	0.00E+00	4.86E-11	3.75E-11	6.46E-06	2.04E-08	2.74E-03	0.00E+00	2.48E-02	2.22E-11	2.48E-02	2.76E-02	2.74E-03	0.00E+00	0.00E+00	0.00E+00	1.97E-04
VZ36NUH	3.08E-05	2.55E-03	6.13E-03	8.69E-03	0.00E+00	0.00E+00	3.52E-01	1.66E-07	2.91E-05	1.38E-04	0.00E+00	5.69E-04	2.92E-09	6.87E-11	1.79E-03	7.05E-05	1.69E-03	3.39E-03	2.42E-05	6.70E-03	1.31E-01	0.00E+00	2.56E-10	1.97E-10	3.39E-05	1.07E-07	1.44E-02	0.00E+00	1.31E-01	1.17E-10	1.31E-01	1.45E-01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
VZ406	3.19E-05	2.47E-03	2.43E-03	4.90E-03	0.00E+00	0.00E+00	1.39E-01	5.76E-08	1.13E-05	5.15E-05	0.00E+00	2.23E-04	1.16E-09	2.66E-11	9.46E-04	2.80E-05	3.20E-04	1.42E-03	1.25E-05	3.39E-03	4.68E-02	0.00E+00	9.80E-11	6.83E-11	1.28E-05	7.03E-09	4.93E-03	0.00E+00	4.68E-02	2.57E-11	4.68E-02	5.18E-02	4.93E-03	0.00E+00	0.00E+00	0.00E+00	5.37E-04
VZ408	1.14E-05	6.13E-03	7.45E-04	6.88E-03	0.00E+00	0.00E+00	3.81E-02	1.24E-08	2.54E-06	3.55E-06	0.00E+00	5.68E-05	3.54E-10	5.61E-12	1.17E-03	8.58E-06	8.62E-04	9.47E-04	1.45E-05	3.72E-03	4.03E-03	0.00E+00	1.73E-11	1.60E-11	1.31E-06	1.85E-07	1.40E-03	0.00E+00	4.03E-03	6.83E-11	4.03E-03	5.44E-03	1.40E-03	0.00E+00	0.00E+00	0.00E+00	6.25E-04
VZ411N	1.08E-05	1.14E-02	6.33E-04	1.07E-02	0.00E+00	0.00E+00	4.58E-02	8.22E-08	4.98E-06	4.07E-05	0.00E+00	8.35E-05	3.00E-10	1.25E-11	1.71E-03	7.26E-06	1.04E-03	1.23E-03	2.07E-05	5.12E-03	5.33E-02	0.00E+00	5.39E-11	1.00E-10	9.13E-06	4.06E-07	7.79E-03	0.00E+00	5.33E-02	1.77E-10	5.33E-02	6.11E-02	7.79E-03	0.00E+00	0.00E+00	0.00E+00	8.90E-04
VZ418	3.11E-05	4.01E-03	7.94E-04	4.81E-03	0.00E+00	0.00E+00	4.26E-02	8.79E-10	3.14E-06	9.51E-06	0.00E+00	6.59E-05	3.78E-10	7.16E-12	8.31E-04	9.14E-06	5.74E-04	1.36E-03	1.05E-05	2.71E-03	4.32E-03	0.00E+00	2.44E-11	2.37E-13	2.62E-06	1.11E-07	1.31E-04	0.00E+00	4.32E-03	3.71E-11	4.32E-03	4.19E-03	1.31E-04	0.00E+00	0.00E+00	0.00E+00	4.50E-04
VZ451N	3.22E-04	1.49E-01	2.72E-02	1.21E-01	0.00E+00	0.00E+00	1.70E+00	1.63E-06	1.56E-04	9.77E-04	0.00E+00	2.87E-03	1.29E-08	3.80E-10	1.81E-02	3.13E-04	9.70E-03	1.19E-01	2.12E-04	5.01E-02	1.13E+00	0.00E+00	1.51E-09	1.98E-09	2.28E-04	5.91E-06	1.51E-01	0.00E+00	1.13E+00	2.79E-09	1.13E+00	1.28E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	9.10E-03
VZ452N	4.53E-04	2.10E-01	3.75E-02	1.72E-01	0.00E+00	0.00E+00	2.34E+00	2.27E-06	2.16E-04	1.36E-03	0.00E+00	3.96E-03	1.78E-08	5.25E-10	2.58E-02	4.31E-04	1.38E-02	2.29E-01	3.02E-04	7.16E-02	1.57E+00	0.00E+00	2.10E-09	2.75E-09	3.17E-04	8.31E-06	2.10E-01	0.00E+00	1.57E+00	3.91E-09	1.57E+00	1.78E+00	2.10E-01	0.00E+00	0.00E+00	0.00E+00	1.30E-02
VZ453N	5.87E-04	2.64E-01	4.79E-02	2.16E-01	0.00E+00	0.00E+00	2.98E+00	2.88E-06	2.75E-04	1.72E-03	0.00E+00	5.05E-03	2.27E-08	6.69E-10	3.23E-02	5.50E-04	1.72E-02	3.07E-01	3.77E-04	8.93E-02	1.99E+00	0.00E+00	2.67E-09	3.49E-09	4.02E-04	1.05E-05	2.66E-01	0.00E+00	1.99E+00	4.93E-09	1.99E+00	2.26E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	1.62E-02
VZ454N	6.96E-04	3.11E-01	5.63E-02	2.55E-01	0.00E+00	0.00E+00	3.50E+00	3.39E-06	3.24E-04	2.03E-03	0.00E+00	5.94E-03	2.67E-08	7.87E-10	3.81E-02	6.46E-04	2.03E-02	3.84E-01	4.46E-04	1.06E-01	2.34E+00	0.00E+00	3.14E-09	4.11E-09	4.73E-04	1.23E-05	3.13E-01	0.00E+00	2.34E+00	5.82E-09	2.34E+00	2.66E+00	3.13E-01	0.00E+00	0.00E+00	0.00E+00	1.91E-02
VZ455M	9.90E-04	4.47E-01	7.90E-02	3.68E-01	0.00E+00	0.00E+00	4.93E+00	4.82E-06	4.56E-04	2.87E-03	0.00E+00	8.35E-03	3.75E-08	1.11E-09	5.52E-02	9.07E-04	2.98E-02	6.54E-01	6.46E-04	1.53E-01	3.32E+00	0.00E+00	4.43E-09	5.84E-09	6.69E-04	1.77E-05	4.46E-01	0.00E+00	3.32E+00	8.31E-09	3.32E+00	3.77E+00	4.46E-01	0.00E+00	0.00E+00	0.00E+00	2.77E-02
VZ461	4.04E-05	2.83E-02	5.36E-03	2.30E-02	0.00E+00	0.00E+00	3.33E-01	3.16E-07	3.06E-05	1.90E-04	0.00E+00	5.63E-04	2.55E-09	7.43E-11	3.42E-03	6.16E-05	2.21E-03	4.03E-05	3.98E-05	9.40E-03	2.19E-01	0.00E+00	2.96E-10	3.82E-10	4.44E-05	1.13E-06	2.91E-02	0.00E+00	2.19E-01	5.35E-10	2.19E-01	2.48E-01	2.91E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-03
VZ462	9.45E-05	5.11E-02	1.02E-02	4.09E-02	0.00E+00	0.00E+00	6.30E-01	5.84E-07	5.77E-05	3.55E-04	0.00E+00	1.06E-03	4.84E-09	1.40E-10	6.04E-03	1.17E-04	3.60E-03	1.97E-04	7.01E-05	1.65E-02	4.06E-01	0.00E+00	5.56E-10	7.08E-10	8.31E-05	2.05E-06	5.39E-02	0.00E+00	4.06E-01	9.78E-10	4.06E-01	4.60E-01	5.39E-02	0.00E+00	0.00E+00	0.00E+00	3.01E-03
VZ463	3.73E-05	2.39E-02	6.08E-03	1.78E-02	0.00E+00	0.00E+00	3.71E-01	3.12E-07	3.33E-05	1.97E-04	0.00E+00	6.21E-04	2.89E-09	8.05E-11	2.53E-03	6.99E-05	1.50E-03	1.40E-05	2.88E-05	6.55E-03	2.20E-01	0.00E+00	3.16E-10	3.77E-10	4.64E-05	1.00E-06	2.86E-02	0.00E+00	2.20E-01	4.91E-10	2.20E-01	2.48E-01	2.86E-02	0.00E+00	0.00E+00	0.00E+00	1.23E-03
VZ473	1.06E-04	6.94E-02	8.03E-03	6.14E-02	0.00E+00	0.00E+00	5.20E-01	6.24E-07	5.05E-05	3.46E-04	0.00E+00	9.00E-04	3.81E-09	1.24E-10	9.51E-03	9.22E-05	8.79E-03	4.37E-03	1.13E-04	2.75E-02	4.20E-01	0.00E+00	5.07E-10	7.58E-10	7.96E-05	2.61E-06	5.83E-02	0.00E+00	4.20E-01	1.18E-09	4.20E-01	4.78E-01	5.83E-02	0.00E+00	0.00E+00	0.00E+00	4.87E-03
VZ48AU	2.61E-05	9.84E-04	5.86E-03	6.85E-03	0.00E+00	0.00E+00	3.38E-01	1.67E-07	2.80E-05	1.35E-04	0.00E+00	5.47E-04	2.79E-09	6.63E-11	1.47E-03	6.74E-05	2.83E-03	2.72E-03	2.02E-05	5.68E-03	1.30E-01	0.00E+00	2.48E-10	1.99E-10	3.32E-05	1.51E-07	1.46E-02	0.00E+00	1.30E-01	1.32E-10	1.30E-01	1.44E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	8.69E-04

VZ48CAV	1.14E-03	5.04E-01	9.49E-02	4.09E-01	0.00E+00	0.00E+00	5.89E+00	5.60E-06	5.42E-04	3.37E-03	0.00E+00	9.96E-03	4.51E-08	1.32E-09	6.09E-02	1.09E-03	3.36E-02	0.00E+00	7.10E-04	1.68E-01	3.88E+00	0.00E+00	5.24E-09	6.78E-09	7.88E-04	2.01E-05	5.17E-01	0.00E+00	3.88E+00	9.51E-09	3.88E+00	4.39E+00	5.17E-01	0.00E+00	0.00E+00	0.00E+00	3.05E-02
VZ48CHU	1.20E-03	5.32E-01	1.00E-01	4.32E-01	0.00E+00	0.00E+00	6.22E+00	5.91E-06	5.72E-04	3.56E-03	0.00E+00	1.05E-02	4.76E-08	1.39E-09	6.42E-02	1.15E-03	3.55E-02	0.00E+00	7.49E-04	1.77E-01	4.09E+00	0.00E+00	5.53E-09	7.16E-09	8.32E-04	2.12E-05	5.46E-01	0.00E+00	4.09E+00	1.00E-08	4.09E+00	4.64E+00	5.46E-01	0.00E+00	0.00E+00	0.00E+00	3.22E-02
VZ48MME	2.73E-04	1.42E-01	2.30E-02	1.19E-01	0.00E+00	0.00E+00	1.44E+00	1.47E-06	1.35E-04	8.61E-04	0.00E+00	2.45E-03	1.09E-08	3.28E-10	1.80E-02	2.64E-04	1.04E-02	3.62E-03	2.11E-04	5.04E-02	1.01E+00	0.00E+00	1.32E-09	1.78E-09	2.00E-04	5.54E-06	1.36E-01	0.00E+00	1.01E+00	2.58E-09	1.01E+00	1.14E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	9.07E-03
VZ48MMK	2.73E-04	1.42E-01	2.29E-02	1.19E-01	0.00E+00	0.00E+00	1.44E+00	1.47E-06	1.34E-04	8.60E-04	0.00E+00	2.45E-03	1.09E-08	3.28E-10	1.80E-02	2.63E-04	1.04E-02	3.65E-03	2.11E-04	5.05E-02	1.01E+00	0.00E+00	1.31E-09	1.78E-09	2.00E-04	5.54E-06	1.36E-01	0.00E+00	1.01E+00	2.58E-09	1.01E+00	1.14E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	9.08E-03
VZ48NAV	3.44E-04	1.32E-01	3.28E-02	9.91E-02	0.00E+00	0.00E+00	2.00E+00	1.70E-06	1.80E-04	1.07E-03	0.00E+00	3.35E-03	1.56E-08	4.35E-10	1.42E-02	3.76E-04	6.44E-03	2.61E-03	1.61E-04	3.68E-02	1.19E+00	0.00E+00	1.71E-09	2.05E-09	2.52E-04	5.51E-06	1.56E-01	0.00E+00	1.19E+00	2.69E-09	1.19E+00	1.35E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	6.92E-03
VZ48NRK	1.58E-03	7.17E-01	1.24E-01	5.94E-01	0.00E+00	0.00E+00	7.74E+00	7.65E-06	7.18E-04	4.54E-03	0.00E+00	1.31E-02	5.89E-08	1.75E-09	8.91E-02	1.42E-03	5.20E-02	4.36E-03	1.05E-03	2.48E-01	5.27E+00	0.00E+00	6.98E-09	9.27E-09	1.06E-03	2.83E-05	7.08E-01	0.00E+00	5.27E+00	1.33E-08	5.27E+00	5.97E+00	7.08E-01	0.00E+00	0.00E+00	0.00E+00	4.49E-02
VZ48NUH	5.10E-04	2.06E-01	4.56E-02	1.61E-01	0.00E+00	0.00E+00	2.80E+00	2.49E-06	2.55E-04	1.54E-03	0.00E+00	4.71E-03	2.17E-08	6.17E-10	2.34E-02	5.24E-04	1.18E-02	2.54E-03	2.70E-04	6.27E-02	1.74E+00	0.00E+00	2.43E-09	3.02E-09	3.62E-04	8.45E-06	2.29E-01	0.00E+00	1.74E+00	4.06E-09	1.74E+00	1.97E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	1.16E-02
VZ510N	2.44E-05	1.67E-03	5.16E-04	2.19E-03	0.00E+00	0.00E+00	2.84E-02	5.80E-09	2.20E-06	8.30E-06	0.00E+00	4.48E-05	2.45E-10	5.09E-12	3.87E-04	5.93E-06	2.08E-04	1.82E-03	4.94E-06	1.29E-03	6.00E-03	0.00E+00	1.80E-11	6.58E-12	2.15E-06	4.04E-08	4.22E-04	0.00E+00	6.00E-03	1.08E-11	6.00E-03	6.42E-03	4.22E-04	0.00E+00	0.00E+00	0.00E+00	2.12E-04
VZ511N	2.08E-05	5.01E-03	2.00E-04	4.81E-03	0.00E+00	0.00E+00	1.57E-02	3.39E-08	1.82E-06	1.61E-05	0.00E+00	2.94E-05	9.50E-11	4.63E-12	7.71E-04	2.30E-06	3.16E-04	1.49E-03	9.37E-06	2.32E-03	2.17E-02	0.00E+00	2.04E-11	4.14E-11	3.57E-06	1.76E-07	3.23E-03	0.00E+00	2.17E-02	7.60E-11	2.17E-02	2.49E-02	3.23E-03	0.00E+00	0.00E+00	0.00E+00	4.02E-04
VZ512N	2.58E-05	1.70E-03	5.93E-04	2.29E-03	0.00E+00	0.00E+00	3.29E-02	7.88E-09	2.56E-06	1.00E-05	0.00E+00	5.19E-05	2.82E-10	5.95E-12	4.10E-04	6.82E-06	1.06E-04	1.67E-03	5.24E-06	1.37E-03	7.64E-03	0.00E+00	2.13E-11	9.06E-12	2.58E-06	3.91E-08	6.03E-04	0.00E+00	7.64E-03	9.34E-12	7.64E-03	8.24E-03	6.03E-04	0.00E+00	0.00E+00	0.00E+00	2.25E-04
VZ513N	2.51E-05	1.57E-03	6.28E-04	2.20E-03	0.00E+00	0.00E+00	3.50E-02	9.66E-09	2.76E-06	1.12E-05	0.00E+00	5.55E-05	2.99E-10	6.42E-12	3.96E-04	7.23E-06	1.89E-05	1.78E-03	5.09E-06	1.34E-03	8.90E-03	0.00E+00	2.31E-11	1.12E-11	2.84E-06	3.35E-08	7.65E-04	0.00E+00	8.90E-03	6.60E-12	8.90E-03	9.66E-03	7.65E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-04
VZ514N	2.27E-05	2.25E-03	5.21E-04	2.78E-03	0.00E+00	0.00E+00	2.83E-02	2.69E-09	2.12E-06	7.10E-06	0.00E+00	4.40E-05	2.48E-10	4.88E-12	4.84E-04	6.00E-06	7.55E-05	1.87E-03	6.12E-06	1.59E-03	4.13E-03	0.00E+00	1.69E-11	2.76E-12	1.90E-06	6.01E-08	1.20E-04	0.00E+00	4.13E-03	1.89E-11	4.13E-03	4.25E-03	1.20E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-04
VZ515N	5.30E-06	3.17E-03	6.33E-04	3.81E-03	0.00E+00	0.00E+00	3.40E-02	8.42E-10	2.51E-06	7.64E-06	0.00E+00	5.26E-05	3.01E-10	5.73E-12	6.58E-04	7.29E-06	9.27E-04	3.18E-03	8.30E-06	2.14E-03	3.53E-03	0.00E+00	1.95E-11	3.62E-13	2.10E-06	8.78E-08	9.05E-05	0.00E+00	3.53E-03	2.92E-11	3.53E-03	3.44E-03	9.05E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-04
VZ523	1.59E-05	1.41E-02	4.70E-03	9.35E-03	0.00E+00	0.00E+00	2.83E-01	2.16E-07	2.50E-05	1.42E-04	0.00E+00	4.70E-04	2.23E-09	6.01E-11	1.24E-03	5.40E-05	3.00E-04	1.61E-03	1.34E-05	2.86E-03	1.55E-01	0.00E+00	2.34E-10	2.61E-10	3.38E-05	6.25E-07	1.97E-02	0.00E+00	1.55E-01	3.16E-10	1.55E-01	1.74E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	5.75E-04
VZ551N	1.83E-05	8.50E-03	1.20E-03	9.70E-03	0.00E+00	0.00E+00	6.23E-02	1.24E-08	4.32E-06	8.77E-06	0.00E+00	9.41E-05	5.70E-10	9.66E-12	1.65E-03	1.38E-05	7.26E-04	1.45E-03	2.07E-05	5.30E-03	1.87E-03	0.00E+00	3.10E-11	1.65E-11	2.76E-06	2.51E-07	1.53E-03	0.00E+00	1.87E-03	9.06E-11	1.87E-03	3.39E-03	1.53E-03	0.00E+00	0.00E+00	0.00E+00	8.89E-04
VZ552N	2.30E-05	2.82E-02	2.28E-03	2.59E-02	0.00E+00	0.00E+00	1.55E-01	2.24E-07	1.58E-05	1.17E-04	0.00E+00	2.73E-04	1.08E-09	3.92E-11	4.08E-03	2.62E-05	2.14E-03	1.05E-03	4.91E-05	1.20E-02	1.48E-01	0.00E+00	1.64E-10	2.73E-10	2.67E-05	1.03E-06	2.11E-02	0.00E+00	1.48E-01	4.56E-10	1.48E-01	1.69E-01	2.11E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
VZ553N	9.03E-05	5.65E-02	7.72E-03	4.87E-02	0.00E+00	0.00E+00	4.92E-01	5.42E-07	4.67E-05	3.09E-04	0.00E+00	8.43E-04	3.67E-09	1.14E-10	7.47E-03	8.86E-05	4.02E-03	7.27E-04	8.86E-05	2.13E-02	3.68E-01	0.00E+00	4.63E-10	6.58E-10	7.16E-05	2.16E-06	5.05E-02	0.00E+00	3.68E-01	9.93E-10	3.68E-01	4.19E-01	5.05E-02	0.00E+00	0.00E+00	0.00E+00	3.80E-03
VZ554N	5.91E-05	4.29E-02	5.26E-03	3.77E-02	0.00E+00	0.00E+00	3.39E-01	3.94E-07	3.26E-05	2.21E-04	0.00E+00	5.84E-04	2.50E-09	8.00E-11	5.82E-03	6.04E-05	3.07E-03	4.66E-04	6.92E-05	1.68E-02	2.66E-01	0.00E+00	3.26E-10	4.79E-10	5.09E-05	1.62E-06	3.68E-02	0.00E+00	2.66E-01	7.40E-10	2.66E-01	3.03E-01	3.68E-02	0.00E+00	0.00E+00	0.00E+00	2.97E-03
VZ555N	1.76E-04	9.43E-02	1.47E-02	7.96E-02	0.00E+00	0.00E+00	9.24E-01	9.58E-07	8.66E-05	5.58E-04	0.00E+00	1.58E-03	6.97E-09	2.11E-10	1.21E-02	1.69E-04	6.58E-03	3.26E-04	1.42E-04	3.41E-02	6.55E-01	0.00E+00	8.49E-10	1.16E-09	1.30E-04	3.66E-06	8.88E-02	0.00E+00	6.55E-01	1.70E-09	6.55E-01	7.44E-01	8.88E-02	0.00E+00	0.00E+00	0.00E+00	6.12E-03
VZ602	7.68E-05	3.77E-03	5.57E-03	9.34E-03	0.00E+00	0.00E+00	3.19E-01	1.42E-07	2.61E-05	1.22E-04	0.00E+00	5.14E-04	2.65E-09	6.17E-11	1.86E-03	6.40E-05	2.34E-03	1.87E-03	2.49E-05	6.81E-03	1.14E-01	0.00E+00	2.29E-10	1.69E-10	3.01E-05	4.75E-08	1.23E-02	0.00E+00	1.14E-01	8.55E-11	1.14E-01	1.26E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
VZ602N	5.47E-05	3.32E-02	4.25E-03	2.89E-02	0.00E+00	0.00E+00	2.72E-01	3.10E-07	2.61E-05	1.75E-04	0.00E+00	4.68E-04	2.02E-09	6.39E-11	4.45E-03	4.88E-05	4.07E-03	3.02E-03	5.29E-05	1.28E-02	2.10E-01	0.00E+00	2.60E-10	3.77E-10	4.04E-05	1.26E-06	2.89E-02	0.00E+00	2.10E-01	5.76E-10	2.10E-01	2.39E-01	2.89E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
VZ603N	5.69E-05	3.57E-02	4.46E-03	3.12E-02	0.00E+00	0.00E+00	2.87E-01	3.30E-07	2.75E-05	1.86E-04	0.00E+00	4.93E-04	2.12E-09	6.75E-11	4.82E-03	5.12E-05	4.63E-03	3.33E-03	5.73E-05	1.39E-02	2.23E-01	0.00E+00	2.75E-10	4.01E-10	4.28E-05	1.35E-06	3.08E-02	0.00E+00	2.23E-01	6.17E-10	2.23E-01	2.54E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
VZ604N	8.39E-05	5.12E-02	6.40E-03	4.48E-02	0.00E+00	0.00E+00	4.11E-01	4.74E-07	3.95E-05	2.66E-04	0.00E+00	7.09E-04	3.04E-09	9.69E-11	6.90E-03	7.35E-05	6.32E-03	4.35E-03	8.21E-05	1.99E-02	3.20E-01	0.00E+00	3.94E-10	5.76E-10	6.15E-05	1.94E-06	4.42E-02	0.00E+00	3.20E-01	8.85E-10	3.20E-01	3.64E-01	4.42E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03
VZ605N	1.25E-04	7.32E-02	9.56E-03	6.36E-02	0.00E+00	0.00E+00	6.12E-01	6.89E-07	5.84E-05	3.90E-04	0.00E+00	1.05E-03	4.54E-09	1.43E-10	9.78E-03	1.10E-04	8.47E-03	5.26E-03	1.16E-04	2.81E-02	4.67E-01	0.00E+00	5.81E-10	8.37E-10	9.02E-05	2.78E-06	6.42E-02	0.00E+00	4.67E-01	1.28E-09	4.67E-01	5.31E-01	6.42E-02	0.00E+00	0.00E+00	0.00E+00	4.99E-03
VZ606N	1.87E-04	1.09E-01	1.48E-02	9.40E-02	0.00E+00	0.00E+00	9.44E-01	1.04E-06	8.97E-05	5.94E-04	0.00E+00	1.62E-03	7.03E-09	2.20E-10	1.44E-02	1.70E-04	1.19E-02	6.31E-03	1.71E-04	4.12E-02	7.08E-01	0.00E+00	8.89E-10	1.27E-09	1.38E-04	4.16E-06	9.70E-02	0.00E+00	7.08E-01	1.91E-09	7.08E-01	8.05E-01	9.70E-02	0.00E+00	0.00E+00	0.00E+00	7.34E-03
VZ607N	9.24E-05	5.58E-02	7.12E-03	4.87E-02	0.00E+00	0.00E+00	4.57E-01	5.21E-07	4.38E-05	2.94E-04	0.00E+00	7.86E-04	3.38E-09	1.07E-10	7.50E-03	8.18E-05	6.69E-03	4.41E-03	8.92E-05	2.16E-02	3.52E-01	0.00E+00	4.36E-10	6.33E-10	6.78E-05	2.12E-06	4.86E-02	0.00E+00	3.52E-01	9.69E-10	3.52E-01	4.01E-01	4.86E-02	0.00E+00	0.00E+00	0.00E+00	3.83E-03
VZ609N	4.34E-04	2.18E-01	3.47E-02	1.84E-01	0.00E+00	0.00E+00	2.18E+00	2.24E-06	2.04E-04	1.31E-03	0.00E+00	3.72E-03	1.65E-08	4.98E-10	2.78E-02	3.98E-04	1.90E-02	6.42E-03	3.28E-04	7.83E-02	1.53E+00	0.00E+00	2.00E-09	2.72E-09	3.05E-04	8.51E-06	2.08E-01	0.00E+00	1.53E+00	3.96E-09	1.53E+00	1.74E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	1.41E-02
VZ60AU	2.96E-05	1.35E-02	2.60E-03	1.09E-02	0.00E+00	0.00E+00	1.61E-01	1.51E-07	1.48E-05	9.15E-05	0.00E+00	2.72E-04	1.23E-09	3.59E-11	1.61E-03	2.98E-05	9.20E-04	1.16E-03	1.88E-05	4.43E-03	1.05E-01	0.00E+00	1.43E-10	1.83E-10	2.14E-05	5.39E-07	1.40E-02	0.00E+00	1.05E-01	2.56E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.07E-04
VZ60CAV	4.62E-05	7.37E-04	8.77E-03	9.50E-03	0.00E+00	0.00E+00	5.06E-01	2.53E-07	4.21E-05	2.04E-04	0.00E+00	8.20E-04	4.17E-09	9.95E-11	2.08E-03	1.01E-04	2.49E-03	3.81E-03	2.88E-05	8.13E-03	1.97E-01	0.00E+00	3.72E-10	3.02E-10	4.99E-05	2.51E-07	2.22E-02	0.00E+00	1.97E-01	2.08E-10	1.97E-01	2.19E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-03
VZ60CHU	2.37E-04	1.05E-01	1.98E-02	8.52E-02	0.00E+00	0.00E+00	1.23E+00	1.17E-06	1.13E-04	7.02E-04	0.00E+00	2.07E-03	9.38E-09	2.74E-10	1.27E-02	2.27E-04	7.01E-03	9.84E-06	1.48E-04	3.49E-02	8.07E-01	0.00E+00	1.09E-09	1.41E-09	1.64E-04	4.19E-06	1.08E-01	0.00E+00	8.07E-01	1.98E-09	8.07E-01	9.15E-01	1.08E-01	0.00E+00	0.00E+00	0.00E+00	6.35E-03
VZ60MME	2.73E-04	1.42E-01	2.30E-02	1.19E-01	0.00E+00	0.00E+00	1.44E+00	1.47E-06	1.35E-04	8.61E-04	0.00E+00	2.46E-03	1.09E-08	3.28E-10	1.80E-02	2.64E-04	1.04E-02	3.68E-03	2.11E-04	5.04E-02	1.01E+00	0.00E+00	1.32E-09	1.78E-09	2.00E-04	5.54E-06	1.36E-01	0.00E+00	1.01E+00	2.58E-09	1.01E+00	1.14E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	9.07E-03
VZ60MMK	2.74E-04	1.42E-01	2.30E-02	1.19E-01	0.00E+00	0.00E+00	1.44E+00	1.47E-06	1.35E-04	8.61E-04	0.00E+00	2.46E-03	1.09E-08	3.28E-10	1.80E-02	2.64E-04	1.04E-02	3.69E-03	2.11E-04	5.04E-02	1.01E+00	0.00E+00	1.32E-09	1.78E-09	2.00E-04	5.54E-06	1.36E-01	0.00E+00	1.01E+00	2.58E-09	1.01E+00	1.14E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	9.07E-03
VZ60NAV	9.42E-04	4.12E-01	8.03E-02	3.32E-01	0.00E+00	0.00E+00	4.98E+00	4.66E-06	4.57E-04	2.82E-03	0.00E+00	8.40E-03	3.82E-08	1.11E-09	4.91E-02	9.23E-04	2.66E-02	9.65E-04	5.71E-04	1.34E-01	3.23E+00	0.00E+00	4.40E-09	5.64E-09	6.60E-04	1.65E-05	4.30E-01	0.00E+00	3.23E+00	7.84E-09	3.23E+00	3.66E+00	4.30E-01	0.00E+00	0.00E+00	0.00E+00	2.45E-02
VZ60NUH	3.93E-06	2.05E-03	2.07E-03	2.74E-05	0.00E+00	0.00E+00	1.21E-01	7.23E-08	1.03E-05	5.33E-05	0.00E+00	1.99E-04	9.85E-10	2.46E-11	1.30E-04	2.38E-05	4.06E-04	2.91E-04	2.38E-06	8.14E-04	5.41E-02	0.00E+00	9.33E-11	8.67E-11	1.29E-05	1.35E-07	6.44E-03	0.00E+00	5.41E-02	8.07E-11	5.41E-02	6.05E-02	6.44E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-04
VZ610N	4.51E-05	3.03E-03	3.78E-03	6.81E-03	0.00E+00	0.00E+00	2.16E-01	9.41E-08	1.77E-05	8.19E-05	0.00E+00	3.48E-04	1.80E-09	4.17E-11	1.34E-03	4.35E-05	4.72E-03	5.86E-03	1.78E-05	4.86E-03	7.56E-02	0.00E+00	1.54E-10	1.12E-10	2.02E-05	1.65E-08	8.09E-03	0.00E+00	7.56E-02	5.15E-11	7.56E-02	8.36E-02	8.09E-03	0.00E+00	0.00E+00	0.00E+00	7.66E-04
VZ621N	4.74E-05	2.87E-02	3.66E-03	2.51E-02	0.00E+00	0.00E+00	2.35E-01	2.68E-07	2.25E-05	1.51E-04	0.00E+00	4.04E-04	1.74E-09	5.51E-11	3.86E-03	4.20E-05	3.47E-03	2.67E-03	4.59E-05	1.11E-02	1.81E-01	0.00E+00	2.24E-10	3.26E-10	3.49E-05	1.09E-06	2.50E-02	0.00E+00	1.81E-01	4.99E-10	1.81E-01	2.06E-01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
VZ624N	2.36E-05	2.27E-02	1.35E-03	2.14E-02	0.00E+00	0.00E+00	9.64E-02	1.67E-07	1.04E-05	8.33E-05	0.00E+00	1.75E-04	6.40E-10	2.60E-11	3.40E-03	1.55E-05	4.08E-03	3.89E-03	4.11E-05	1.01E-02	1.08E-01	0.00E+00	1.11E-10	2.03E-10	1.87E-05	8.14E-07	1.58E-02	0.00E+00	1.08E-01	3.56E-10	1.08E-01	1.24E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
VZ625N	7.70E-05	5.01E-02	5.45E-03	4.47E-02	0.00E+00	0.00E+00	3.56E-01	4.40E-07	3.47E-05	2.42E-04	0.00E+00	6.17E-04	2.59E-09	8.56E-11	6.94E-03	6.26E-05	6.52E-03	4.74E-03	8.30E-05	2.02E-02	2.95E-01	0.00E+00	3.51E-10	5.35E-10	5.55E-05	1.87E-06	4.12E-02	0.00E+00	2.95E-01	8.46E-10	2.95E-01	3.36E-01	4.12E-02	0.00E+00	0.00E+00	0.00E+00	3.56E-03
VZ626N	1.85E-04	1.06E-01	1.42E-02	9.20E-02	0.00E+00	0.00E+00	9.07E-01	1.01E-06	8.64E-05	5.74E-04	0.00E+00	1.56E-03	6.74E-09	2.11E-10	1.41E-02	1.63E-04	1.12E-02	5.77E-03	1.67E-04	4.04E-02	6.85E-01	0.00E+00	8.57E-10	1.23E-09	1.33E-04	4.05E-06	9.40E-02	0.00E+00	6.85E-01	1.86E-09	6.85E-01	7.79E-01	9.40E-02	0.00E+00	0.00E+00	0.00E+00	7.19E-03
VZ627N	1.37E-04	7.57E-02	1.05E-02	6.51E-02	0.00E+00	0.00E+00	6.69E-01	7.32E-07	6.35E-05	4.19E-04	0.00E+00	1.15E-03	4.99E-09	1.55E-10	9.97E-03	1.21E-04	7.84E-03	4.28E-03	1.18E-04	2.85E-02	4.97E-01	0.00E+00	6.28E-10	8.88E-10	9.69E-05	2.90E-06	6.81E-02	0.00E+00	4.97E-01	1.33E-09	4.97E-01	5.65E-01	6.81E-02	0.00E+00	0.00E+00	0.00E+00	5.07E-03
VZ628N	1.50E-04	8.11E-02	1.14E-02	6.98E-02	0.00E+00	0.00E+00	7.22E-01	7.87E-07	6.84E-05	4.51E-04	0.00E+00	1.24E-03	5.39E-09	1.67E-10	1.07E-02	1.30E-04	8.24E-03	4.48E-03	1.26E-04	3.04E-02	5.35E-01	0.00E+00	6.76E-10	9.55E-10	1.04E-04	3.11E-06	7.32E-02	0.00E+00	5.35E-01	1.43E-09	5.35E-01	6.08E-01	7.32E-02	0.00E+00	0.00E+00	0.00E+00	5.43E-03
VZ629N	4.08E-04	2.05E-01	3.22E-02	1.73E-01	0.00E+00	0.00E+00	2.03E+00	2.09E-06	1.90E-04	1.22E-03	0.00E+00	3.45E-03	1.53E-08	4.63E-10	2.62E-02	3.70E-04	1.76E-02	5.78E-03	3.08E-04	7.38E-02	1.43E+00	0.00E+00	1.86E-09	2.53E-09	2.84E-04	7.97E-06	1.94E-01	0.00E+00	1.43E+00	3.71E-09	1.43E+00	1.62E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	1.32E-02
VZ630N	1.90E-04	1.09E-01	1.46E-02	9.44E-02	0.00E+00	0.00E+00	9.29E-01	1.04E-06	8.85E-05	5.89E-04	0.00E+00	1.60E-03	6.91E-09	2.17E-10	1.45E-02	1.67E-04	1.15E-02	5.89E-03	1.72E-04	4.15E-02	7.03E-01	0.00E+00	8.78E-10	1.26E-09	1.36E-04	4.16E-06	9.65E-02	0.00E+00	7.03E-01	1.91E-09	7.03E-01	7.99E-01	9.65E-02	0.00E+00	0.00E+00	0.00E+00	7.38E-03
VZ631N	1.46E-04	8.12E-02	1.11E-02	7.01E-02	0.00E+00	0.00E+00	7.09E-01	7.81E-07	6.74E-05	4.46E-04	0.00E+00	1.22E-03	5.29E-09	1.65E-10	1.07E-02	1.28E-04	8.53E-03	4.67E-03	1.27E-04	3.07E-02	5.30E-01	0.00E+00	6.67E-10	9.48E-10	1.03E-04	3.11E-06	7.27E-02	0.00E+00	5.30E-01	1.43E-09	5.30E-01	6.03E-01	7.27E-02	0.00E+00	0.00E+00	0.00E+00	5.47E-03
VZ643N	1.30E-04	7.10E-02	1.01E-02	6.09E-02	0.00E+00	0.00E+00	6.39E-01	6.92E-07	6.05E-05	3.97E-04	0.00E+00	1.09E-03	4.78E-09	1.48E-10	9.31E-03	1.16E-04	8.02E-03	4.24E-03	1.10E-04	2.65E-02	4.71E-01	0.00E+00	5.97E-10	8.40E-10	9.21E-05	2.73E-06	6.44E-02	0.00E+00	4.71E-01	1.26E-09	4.71E-01	5.36E-01	6.44E-02	0.00E+00	0.00E+00	0.00E+00	4.73E-03
VZ644N	1.82E-04	9.79E-02	1.42E-02	8.37E-02	0.00E+00	0.00E+00	9.01E-01	9.64E-07	8.51E-05	5.56E-04	0.00E+00	1.54E-03	6.75E-09	2.08E-10	1.28E-02	1.63E-04	1.03E-02	4.96E-03	1.51E-04	3.63E-02	6.57E-01	0.00E+00	8.38E-10	1.17E-09	1.29E-04	3.77E-06	8.96E-02	0.00E+00	6.57E-01	1.74E-09	6.57E-01	7.47E-01	8.96E-02	0.00E+00	0.00E+00	0.00E+00	6.48E-03
VZ647N	2.11E-04	1.10E-01	1.65E-02	9.31E-02	0.00E+00	0.00E+00	1.04E+00	1.10E-06	9.79E-05	6.35E-04	0.00E+00	1.78E-03	7.82E-09	2.39E-10	1.42E-02	1.89E-04	1.12E-02	4.96E-03	1.67E-04	4.01E-02	7.48E-01	0.00E+00	9.62E-10	1.33E-09	1.47E-04	4.24E-06	1.02E-01	0.00E+00	7.48E-01	1.96E-09	7.48E-01	8.50E-01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	7.18E-03
VZ648N	2.56E-04	1.28E-01	2.01E-02	1.08E-01	0.00E+00	0.00E+00	1.27E+00	1.31E-06	1.19E-04	7.63E-04	0.00E+00	2.16E-03	9.57E-09	2.90E-10	1.63E-02	2.31E-04	1.24E-02	4.86E-03	1.92E-04	4.60E-02	8.95E-01	0.00E+00	1.16E-09	1.58E-09	1.77E-04	4.98E-06	1.21E-01	0.00E+00	8.95E-01	2.32E-09	8.95E-01	1.02E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	8.26E-03
VZ650N	3.96E-04	2.03E-01	3.13E-02	1.72E-01	0.00E+00	0.00E+00	1.97E+00	2.05E-06	1.85E-04	1.19E-03	0.00E+00	3.36E-03	1.49E-08	4.51E-10	2.60E-02	3.59E-04	1.94E-02	7.34E-03	3.07E-04	7.36E-02	1.40E+00	0.00E+00	1.81E-09	2.49E-09	2.78E-04	7.87E-06	1.90E-01	0.00E+00	1.40E+00	3.66E-09	1.40E+00	1.59E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.32E-02
VZ651N	2.94E-04	1.49E-01	2.31E-02	1.26E-01	0.00E+00	0.00E+00	1.45E+00	1.51E-06	1.36E-04	8.80E-04	0.00E+00	2.48E-03	1.10E-08	3.33E-10	1.91E-02	2.65E-04	1.43E-02	5.57E-03	2.25E-04	5.40E-02	1.03E+00	0.00E+00	1.34E-09	1.83E-09	2.04E-04	5.79E-06	1.40E-01	0.00E+00	1.03E+00	2.69E-09	1.03E+00	1.17E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	9.68E-03
VZ665N	5.42E-05	8.33E-03	4.46E-03	3.88E-03	0.00E+00	0.00E+00	2.64E-01	1.77E-07	2.29E-05	1.23E-04	0.00E+00	4.35E-04	2.12E-09	5.47E-11	3.61E-04	5.12E-05	1.06E-03	2.34E-04	2.75E-06	2.16E-04	1.30E-01	0.00E+00	2.10E-10	2.13E-10	2.96E-05	4.23E-07	1.60E-02	0.00E+00	1.30E-01	2.29E-10	1.30E-01	1.46E-01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-04
VZ683N	4.34E-05	2.63E-02	3.25E-03	2.30E-02	0.00E+00	0.00E+00	2.09E-01	2.42E-07	2.01E-05	1.36E-04	0.00E+00	3.61E-04	1.54E-09	4.94E-11	3.56E-03	3.73E-05	3.41E-03	2.48E-03	4.23E-05	1.02E-02	1.64E-01	0.00E+00	2.01E-10	2.95E-10	3.14E-05	9.95E-07	2.26E-02	0.00E+00	1.64E-01	4.54E-10	1.64E-01	1.86E-01	2.26E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
VZ685N	2.95E-05	2.26E-02	1.72E-03	2.09E-02	0.00E+00	0.00E+00	1.18E-01	1.77E-07	1.21E-05	9.16E-05	0.00E+00	2.09E-04	8.16E-10	3.02E-11	3.29E-03	1.97E-05	4.84E-03	2.79E-03	3.97E-05	9.74E-03	1.16E-01	0.00E+00	1.27E-10	2.15E-10	2.08E-05	8.20E-07	1.67E-02	0.00E+00	1.16E-01	3.63E-10	1.16E-01	1.33E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	1.70E-03
VZ690N	4.76E-04	2.24E-01	3.83E-02	1.86E-01	0.00E+00	0.00E+00	2.40E+00	2.38E-06	2.22E-04	1.41E-03	0.00E+00	4.07E-03	1.82E-08	5.41E-10	2.79E-02	4.40E-04	1.91E-02	4.87E-03	3.28E-04	7.80E-02	1.64E+00	0.00E+00	2.16E-09	2.88E-09	3.28E-04	8.82E-06	2.20E-01	0.00E+00	1.64E+00	4.13E-09	1.64E+00	1.86E+00	2.20E-01	0.00E+00	0.00E+00	0.00E+00	1.41E-02
VZ691N	6.26E-05	3.57E-02	5.05E-03	3.07E-02	0.00E+00	0.00E+00	3.21E-01	3.48E-07	3.04E-05	2.00E-04	0.00E+00	5.49E-04	2.40E-09	7.43E-11	4.69E-03	5.80E-05	4.10E-03	2.73E-03	5.55E-05	1.34E-02	2.37E-01	0.00E+00	3.00E-10	4.22E-10	4.62E-05	1.37E-06	3.24E-02	0.00E+00	2.37E-01	6.32E-10	2.37E-01	2.69E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
VZ696N	5.20E-05	2.27E-02	3.81E-03	1.89E-02	0.00E+00	0.00E+00	2.38E-01	2.39E-07	2.22E-05	1.41E-04	0.00E+00	4.05E-04	1.81E-09	5.40E-11	2.84E-03	4.37E-05	1.97E-03	6.89E-04	3.34E-05	7.95E-03	1.64E-01	0.00E+00	2.16E-10	2.89E-10	3.28E-05	8.90E-07	2.21E-02	0.00E+00	1.64E-01	4.16E-10	1.64E-01	1.86E-01	2.21E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
VZ704N	3.97E-05	6.49E-03	4.38E-03	2.11E-03	0.00E+00	0.00E+00	2.58E-01	1.65E-07	2.22E-05	1.17E-04	0.00E+00	4.24E-04	2.08E-09	5.29E-11	7.86E-05	5.03E-05	3.34E-05	2.35E-03	6.84E-07	6.35E-04	1.22E-01	0.00E+00	2.02E-10	1.98E-10	2.83E-05	3.59E-07	1.48E-02	0.00E+00	1.22E-01	2.01E-10	1.22E-01	1.36E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	2.98E-05
VZ710	4.50E-06	1.81E-03	8.61E-04	2.67E-03	0.00E+00	0.00E+00	4.82E-02	1.51E-08	3.83E-06	1.61E-05	0.00E+00	7.68E-05	4.09E-10	8.95E-12	4.88E-04	9.90E-06	2.20E-03	6.18E-04	6.30E-06	1.67E-03	1.33E-02	0.00E+00	3.24E-11	1.77E-11	4.06E-06	3.44E-08	1.23E-03	0.00E+00	1.33E-02	4.23E-12	1.33E-02	1.46E-02	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
VZ717	2.86E-05	7.96E-04	8.91E-03	9.71E-03	0.00E+00	0.00E+00	5.14E-01	2.57E-07	4.27E-05	2.07E-04	0.00E+00	8.33E-04	4.24E-09	1.01E-10	2.12E-03	1.02E-04	5.92E-05	1.73E-03	2.93E-05	8.29E-03	2.00E-01	0.00E+00	3.78E-10	3.07E-10	5.07E-05	2.54E-07	2.25E-02	0.00E+00	2.00E-01	2.11E-10	2.00E-01	2.22E-01	2.25E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
VZ722	1.76E-05	1.18E-02	1.26E-03	1.06E-02	0.00E+00	0.00E+00	8.23E-02	1.03E-07	8.07E-06	5.64E-05	0.00E+00	1.43E-04	5.98E-10	1.99E-11	1.65E-03	1.44E-05	1.50E-03	1.28E-03	1.97E-05	4.80E-03	6.91E-02	0.00E+00	8.17E-11	1.25E-10	1.29E-05	4.42E-07	9.66E-03	0.00E+00	6.91E-02	1.99E-10	6.91E-02	7.87E-02	9.66E-03	0.00E+00	0.00E+00	0.00E+00	8.46E-04
VZ723	7.33E-06	1.75E-03	7.02E-04	2.45E-03	0.00E+00	0.00E+00	3.91E-02	1.08E-08	3.08E-06	1.25E-05	0.00E+00	6.20E-05	3.34E-10	7.17E-12	4.41E-04	8.07E-06	7.86E-04	1.22E-03	5.67E-06	1.49E-03	9.96E-03	0.00E+00	2.58E-11	1.26E-11	3.18E-06	3.72E-08	8.59E-04	0.00E+00	9.96E-03	7.26E-12	9.96E-03	1.08E-02	8.59E-04	0.00E+00	0.00E+00	0.00E+00	2.44E-04
VZ724	3.27E-06	8.67E-03	1.39E-04	8.53E-03	0.00E+00	0.00E+00	1.51E-02	5.26E-08	2.15E-06	2.30E-05	0.00E+00	3.15E-05	6.58E-11	5.65E-12	1.38E-03	1.59E-06	1.39E-03	1.34E-03	1.69E-05	4.21E-03	3.28E-02	0.00E+00	2.65E-11	6.45E-11	4.99E-06	2.99E-07	5.06E-03	0.00E+00	3.28E-02	1.26E-10	3.28E-02	3.79E-02	5.06E-03	0.00E+00	0.00E+00	0.00E+00	7.24E-04
VZ728	3.71E-06	8.18E-03	1.34E-03	6.84E-03	0.00E+00	0.00E+00	8.39E-02	8.49E-08	7.82E-06	4.99E-05	0.00E+00	1.43E-04	6.35E-10	1.91E-11	1.03E-03	1.54E-05	5.29E-04	1.43E-03	1.21E-05	2.90E-03	5.83E-02	0.00E+00	7.64E-11	1.03E-10	1.16E-05	3.20E-07	7.87E-03	0.00E+00	5.83E-02	1.49E-10	5.83E-02	6.62E-02	7.87E-03	0.00E+00	0.00E+00	0.00E+00	5.21E-04
VZ730	4.79E-05	1.74E-02	4.81E-03	1.26E-02	0.00E+00	0.00E+00	2.92E-01	2.39E-07	2.61E-05	1.52E-04	0.00E+00	4.88E-04	2.29E-09	6.30E-11	1.76E-03	5.53E-05	6.56E-04	1.60E-03	1.97E-05	4.43E-03	1.69E-01	0.00E+00	2.46E-10	2.88E-10	3.60E-05	7.42E-07	2.18E-02	0.00E+00	1.69E-01	3.67E-10	1.69E-01	1.91E-01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	8.46E-04
VZ744	3.63E-06	8.97E-03	1.44E-03	1.04E-02	0.00E+00	0.00E+00	7.57E-02	7.94E-09	5.39E-06	1.33E-05	0.00E+00	1.16E-04	6.83E-10	1.22E-11	1.78E-03	1.65E-05	2.71E-03	4.29E-03	2.24E-05	5.75E-03	1.98E-03	0.00E+00	4.01E-11	1.13E-11	3.91E-06	2.59E-07	1.16E-03	0.00E+00	1.98E-03	9.12E-11	1.98E-03	8.23E-04	1.16E-03	0.00E+00	0.00E+00	0.00E+00	9.60E-04
VZ758	2.80E-05	8.53E-04	2.05E-03	2.90E-03	0.00E+00	0.00E+00	1.18E-01	5.54E-08	9.72E-06	4.61E-05	0.00E+00	1.90E-04	9.74E-10	2.30E-11	5.97E-04	2.36E-05	2.24E-03	2.58E-03	8.08E-06	2.24E-03	4.36E-02	0.00E+00	8.54E-11	6.59E-11	1.13E-05	3.57E-08	4.81E-03	0.00E+00	4.36E-02	3.91E-11	4.36E-02	4.84E-02	4.81E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
VZ761	3.60E-05	2.62E-02	5.15E-03	2.11E-02	0.00E+00	0.00E+00	3.19E-01	2.98E-07	2.93E-05	1.81E-04	0.00E+00	5.39E-04	2.45E-09	7.10E-11	3.12E-03	5.92E-05	2.06E-03	3.62E-05	3.63E-05	8.53E-03	2.07E-01	0.00E+00	2.82E-10	3.61E-10	4.22E-05	1.05E-06	2.75E-02	0.00E+00	2.07E-01	5.00E-10	2.07E-01	2.34E-01	2.75E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
VZ786N	2.94E-05	1.48E-02	2.20E-03	1.26E-02	0.00E+00	0.00E+00	1.39E-01	1.47E-07	1.31E-05	8.52E-05	0.00E+00	2.38E-04	1.05E-09	3.20E-11	1.91E-03	2.53E-05	1.55E-03	8.53E-04	2.26E-05	5.42E-03	1.00E-01	0.00E+00	1.29E-10	1.79E-10	1.98E-05	5.71E-07	1.37E-02	0.00E+00	1.00E-01	2.64E-10	1.00E-01	1.14E-01	1.37E-02	0.00E+00	0.00E+00	0.00E+00	9.69E-04
VZ790N	7.07E-06	6.85E-03	3.18E-04	6.53E-03	0.00E+00	0.00E+00	2.40E-02	4.76E-08	2.70E-06	2.30E-05	0.00E+00	4.44E-05	1.51E-10	6.84E-12	1.04E-03	3.65E-06	2.06E-03	2.15E-03	1.27E-05	3.14E-03	3.06E-02	0.00E+00	2.98E-11	5.82E-11	5.14E-06	2.43E-07	4.53E-03	0.00E+00	3.06E-02	1.05E-10	3.06E-02	3.52E-02	4.53E-03	0.00E+00	0.00E+00	0.00E+00	5.44E-04
VZ793N	2.08E-05	1.45E-02	1.87E-03	1.26E-02	0.00E+00	0.00E+00	1.20E-01	1.36E-07	1.15E-05	7.68E-05	0.00E+00	2.06E-04	8.87E-10	2.81E-11	1.94E-03	2.15E-05	1.84E-03	2.17E-03	2.31E-05	5.59E-03	9.20E-02	0.00E+00	1.14E-10	1.65E-10	1.77E-05	5.51E-07	1.27E-02	0.00E+00	9.20E-02	2.52E-10	9.20E-02	1.05E-01	1.27E-02	0.00E+00	0.00E+00	0.00E+00	9.92E-04
VZ797N	5.83E-05	1.49E-02	6.27E-03	8.59E-03	0.00E+00	0.00E+00	3.74E-01	2.67E-07	3.27E-05	1.81E-04	0.00E+00	6.19E-04	2.98E-09	7.83E-11	1.02E-03	7.20E-05	2.28E-04	2.23E-03	1.01E-05	1.87E-03	1.93E-01	0.00E+00	3.02E-10	3.21E-10	4.31E-05	7.02E-07	2.42E-02	0.00E+00	1.93E-01	3.67E-10	1.93E-01	2.17E-01	2.42E-02	0.00E+00	0.00E+00	0.00E+00	4.34E-04
VZ816	1.54E-05	2.77E-03	3.35E-04	2.44E-03	0.00E+00	0.00E+00	2.16E-02	2.53E-08	2.08E-06	1.42E-05	0.00E+00	3.73E-05	1.59E-10	5.12E-12	3.76E-04	3.85E-06	3.60E-02	7.43E-04	4.48E-06	1.09E-03	1.71E-02	0.00E+00	2.09E-11	3.08E-11	3.26E-06	1.05E-07	2.36E-03	0.00E+00	1.71E-02	4.76E-11	1.71E-02	1.94E-02	2.36E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-04
VZ842N	3.80E-05	1.82E-02	2.54E-03	1.56E-02	0.00E+00	0.00E+00	1.61E-01	1.76E-07	1.53E-05	1.01E-04	0.00E+00	2.76E-04	1.20E-09	3.74E-11	2.39E-03	2.91E-05	2.08E-03	1.31E-03	2.83E-05	6.82E-03	1.20E-01	0.00E+00	1.51E-10	2.14E-10	2.33E-05	6.97E-07	1.64E-02	0.00E+00	1.20E-01	3.21E-10	1.20E-01	1.36E-01	1.64E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
VZ851N	4.39E-06	2.39E-04	5.75E-04	8.13E-04	0.00E+00	0.00E+00	3.30E-02	1.55E-08	2.72E-06	1.29E-05	0.00E+00	5.33E-05	2.73E-10	6.43E-12	1.67E-04	6.61E-06	5.10E-04	1.90E-03	2.27E-06	6.28E-04	1.22E-02	0.00E+00	2.39E-11	1.85E-11	3.18E-06	1.00E-08	1.35E-03	0.00E+00	1.22E-02	1.09E-11	1.22E-02	1.36E-02	1.35E-03	0.00E+00	0.00E+00	0.00E+00	9.74E-05

	VZ852N	4.83E-05	2.53E-02	3.87E-03	2.14E-02	0.00E+00	0.00E+00	2.44E-01	2.55E-07	2.29E-05	1.48E-04	0.00E+00	4.17E-04	1.84E-09	5.60E-11	3.26E-03	4.45E-05	2.66E-03	1.78E-03	3.84E-05	9.21E-03	1.74E-01	0.00E+00	2.25E-10	3.10E-10	3.45E-05	9.81E-07	2.37E-02	0.00E+00	1.74E-01	4.55E-10	1.74E-01	1.98E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.65E-03
	VZ855N	1.69E-05	1.40E-02	1.39E-03	1.26E-02	0.00E+00	0.00E+00	9.15E-02	1.19E-07	9.05E-06	6.43E-05	0.00E+00	1.60E-04	6.59E-10	2.24E-11	1.97E-03	1.59E-05	4.25E-03	1.72E-03	2.36E-05	5.75E-03	7.93E-02	0.00E+00	9.22E-11	1.45E-10	1.47E-05	5.18E-07	1.11E-02	0.00E+00	7.93E-02	2.33E-10	7.93E-02	9.04E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
	VZ857N	1.01E-04	3.88E-03	5.83E-03	9.71E-03	0.00E+00	0.00E+00	3.34E-01	1.49E-07	2.74E-05	1.28E-04	0.00E+00	5.38E-04	2.77E-09	6.46E-11	1.94E-03	6.70E-05	8.40E-03	6.57E-03	2.59E-05	7.10E-03	1.19E-01	0.00E+00	2.40E-10	1.78E-10	3.16E-05	5.21E-08	1.29E-02	0.00E+00	1.19E-01	9.05E-11	1.19E-01	1.32E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
	VZ858N	1.50E-05	1.40E-02	1.26E-03	1.28E-02	0.00E+00	0.00E+00	8.44E-02	1.15E-07	8.47E-06	6.15E-05	0.00E+00	1.48E-04	6.00E-10	2.10E-11	2.00E-03	1.45E-05	3.97E-03	1.34E-03	2.40E-05	5.88E-03	7.66E-02	0.00E+00	8.71E-11	1.41E-10	1.40E-05	5.16E-07	1.09E-02	0.00E+00	7.66E-02	2.30E-10	7.66E-02	8.75E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
	VZ860N	2.68E-04	1.46E-01	2.10E-02	1.25E-01	0.00E+00	0.00E+00	1.33E+00	1.43E-06	1.26E-04	8.22E-04	0.00E+00	2.27E-03	9.96E-09	3.07E-10	1.90E-02	2.41E-04	1.36E-02	6.37E-03	2.25E-04	5.41E-02	9.73E-01	0.00E+00	1.24E-09	1.73E-09	1.91E-04	5.60E-06	1.33E-01	0.00E+00	9.73E-01	2.59E-09	9.73E-01	1.11E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	9.66E-03
	VZ861N	1.80E-04	8.37E-02	1.24E-02	7.13E-02	0.00E+00	0.00E+00	7.84E-01	8.31E-07	7.39E-05	4.81E-04	0.00E+00	1.34E-03	5.88E-09	1.80E-10	1.09E-02	1.42E-04	8.89E-03	4.99E-03	1.28E-04	3.08E-02	5.67E-01	0.00E+00	7.27E-10	1.01E-09	1.12E-04	3.23E-06	7.72E-02	0.00E+00	5.67E-01	1.50E-09	5.67E-01	6.45E-01	7.72E-02	0.00E+00	0.00E+00	0.00E+00	5.51E-03
	VZ909N	1.81E-05	1.16E-02	1.15E-03	1.05E-02	0.00E+00	0.00E+00	7.60E-02	9.89E-08	7.53E-06	5.35E-05	0.00E+00	1.33E-04	5.47E-10	1.86E-11	1.64E-03	1.32E-05	1.71E-03	2.09E-03	1.96E-05	4.79E-03	6.60E-02	0.00E+00	7.67E-11	1.20E-10	1.22E-05	4.32E-07	9.28E-03	0.00E+00	6.60E-02	1.94E-10	6.60E-02	7.52E-02	9.28E-03	0.00E+00	0.00E+00	0.00E+00	8.44E-04
	VZ910N	1.99E-05	1.08E-02	1.38E-03	9.45E-03	0.00E+00	0.00E+00	8.86E-02	1.01E-07	8.49E-06	5.70E-05	0.00E+00	1.52E-04	6.56E-10	2.08E-11	1.45E-03	1.59E-05	1.37E-03	9.76E-04	1.73E-05	4.18E-03	6.84E-02	0.00E+00	8.45E-11	1.23E-10	1.32E-05	4.11E-07	9.42E-03	0.00E+00	6.84E-02	1.88E-10	6.84E-02	7.78E-02	9.42E-03	0.00E+00	0.00E+00	0.00E+00	7.43E-04
	VZ912N	2.28E-05	1.25E-02	1.57E-03	1.09E-02	0.00E+00	0.00E+00	1.01E-01	1.16E-07	9.68E-06	6.52E-05	0.00E+00	1.74E-04	7.47E-10	2.37E-11	1.68E-03	1.81E-05	1.59E-03	1.15E-03	2.00E-05	4.83E-03	7.83E-02	0.00E+00	9.65E-11	1.41E-10	1.50E-05	4.73E-07	1.08E-02	0.00E+00	7.83E-02	2.16E-10	7.83E-02	8.91E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	8.57E-04
	VZ914N	2.47E-05	1.33E-02	1.73E-03	1.16E-02	0.00E+00	0.00E+00	1.11E-01	1.25E-07	1.06E-05	7.08E-05	0.00E+00	1.90E-04	8.22E-10	2.60E-11	1.78E-03	1.99E-05	1.65E-03	1.15E-03	2.11E-05	5.11E-03	8.48E-02	0.00E+00	1.05E-10	1.52E-10	1.64E-05	5.06E-07	1.17E-02	0.00E+00	8.48E-02	2.32E-10	8.48E-02	9.64E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	9.08E-04
	VZ916N	2.55E-05	1.41E-02	1.73E-03	1.24E-02	0.00E+00	0.00E+00	1.11E-01	1.30E-07	1.07E-05	7.27E-05	0.00E+00	1.92E-04	8.22E-10	2.63E-11	1.91E-03	1.99E-05	1.86E-03	1.38E-03	2.28E-05	5.52E-03	8.76E-02	0.00E+00	1.07E-10	1.58E-10	1.68E-05	5.34E-07	1.21E-02	0.00E+00	8.76E-02	2.43E-10	8.76E-02	9.97E-02	1.21E-02	0.00E+00	0.00E+00	0.00E+00	9.78E-04
	VZ917N	3.46E-05	2.00E-02	2.17E-03	1.78E-02	0.00E+00	0.00E+00	1.42E-01	1.75E-07	1.39E-05	9.63E-05	0.00E+00	2.46E-04	1.03E-09	3.41E-11	2.76E-03	2.50E-05	2.55E-03	2.59E-03	3.30E-05	8.04E-03	1.18E-01	0.00E+00	1.40E-10	2.13E-10	2.21E-05	7.46E-07	1.64E-02	0.00E+00	1.18E-01	3.37E-10	1.18E-01	1.34E-01	1.64E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03
	VZ918N	3.51E-05	1.94E-02	2.38E-03	1.70E-02	0.00E+00	0.00E+00	1.53E-01	1.78E-07	1.47E-05	9.99E-05	0.00E+00	2.64E-04	1.13E-09	3.62E-11	2.63E-03	2.73E-05	2.55E-03	1.89E-03	3.13E-05	7.58E-03	1.20E-01	0.00E+00	1.47E-10	2.17E-10	2.30E-05	7.34E-07	1.66E-02	0.00E+00	1.20E-01	3.34E-10	1.20E-01	1.37E-01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
	VZ920N	3.61E-05	2.10E-02	2.29E-03	1.87E-02	0.00E+00	0.00E+00	1.50E-01	1.85E-07	1.46E-05	1.02E-04	0.00E+00	2.60E-04	1.09E-09	3.60E-11	2.91E-03	2.63E-05	3.04E-03	2.47E-03	3.48E-05	8.46E-03	1.24E-01	0.00E+00	1.48E-10	2.25E-10	2.33E-05	7.86E-07	1.73E-02	0.00E+00	1.24E-01	3.55E-10	1.24E-01	1.41E-01	1.73E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
	VZ921N	5.49E-05	2.91E-02	3.71E-03	2.54E-02	0.00E+00	0.00E+00	2.38E-01	2.72E-07	2.28E-05	1.53E-04	0.00E+00	4.10E-04	1.76E-09	5.59E-11	3.91E-03	4.26E-05	3.26E-03	2.73E-03	4.65E-05	1.12E-02	1.84E-01	0.00E+00	2.27E-10	3.30E-10	3.54E-05	1.11E-06	2.53E-02	0.00E+00	1.84E-01	5.05E-10	1.84E-01	2.09E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
	VZ922N	7.39E-05	3.70E-02	5.57E-03	3.14E-02	0.00E+00	0.00E+00	3.52E-01	3.70E-07	3.31E-05	2.15E-04	0.00E+00	6.00E-04	2.64E-09	8.08E-11	4.78E-03	6.40E-05	3.84E-03	2.07E-03	5.64E-05	1.35E-02	2.53E-01	0.00E+00	3.25E-10	4.49E-10	4.98E-05	1.43E-06	3.44E-02	0.00E+00	2.53E-01	6.63E-10	2.53E-01	2.87E-01	3.44E-02	0.00E+00	0.00E+00	0.00E+00	2.42E-03
	VZ923N	4.04E-06	5.97E-03	3.61E-04	6.33E-03	0.00E+00	0.00E+00	1.60E-02	2.28E-08	7.21E-07	5.10E-06	0.00E+00	2.11E-05	1.72E-10	1.31E-12	1.05E-03	4.16E-06	1.74E-03	2.48E-03	1.30E-05	3.30E-03	1.22E-02	0.00E+00	1.28E-12	2.84E-11	8.16E-07	1.91E-07	2.31E-03	0.00E+00	1.22E-02	7.56E-11	1.22E-02	1.45E-02	2.31E-03	0.00E+00	0.00E+00	0.00E+00	5.60E-04
	VZ924N	7.39E-05	3.70E-02	5.57E-03	3.14E-02	0.00E+00	0.00E+00	3.52E-01	3.70E-07	3.31E-05	2.15E-04	0.00E+00	6.00E-04	2.64E-09	8.08E-11	4.78E-03	6.40E-05	3.84E-03	2.07E-03	5.64E-05	1.35E-02	2.53E-01	0.00E+00	3.25E-10	4.49E-10	4.98E-05	1.43E-06	3.44E-02	0.00E+00	2.53E-01	6.63E-10	2.53E-01	2.87E-01	3.44E-02	0.00E+00	0.00E+00	0.00E+00	2.42E-03
	VZ926N	1.66E-05	8.34E-03	1.04E-03	7.30E-03	0.00E+00	0.00E+00	6.68E-02	7.71E-08	6.42E-06	4.33E-05	0.00E+00	1.15E-04	4.94E-10	1.57E-11	1.13E-03	1.19E-05	1.08E-03	7.87E-04	1.34E-05	3.24E-03	5.21E-02	0.00E+00	6.41E-11	9.37E-11	9.99E-06	3.16E-07	7.19E-03	0.00E+00	5.21E-02	1.44E-10	5.21E-02	5.93E-02	7.19E-03	0.00E+00	0.00E+00	0.00E+00	5.75E-04
	VZ932N	1.18E-05	4.40E-03	7.26E-05	4.47E-03	0.00E+00	0.00E+00	6.17E-04	2.24E-08	3.99E-07	8.29E-06	0.00E+00	2.56E-06	3.47E-11	1.23E-12	7.32E-04	8.42E-07	8.59E-04	1.29E-04	8.99E-06	2.26E-03	1.34E-02	0.00E+00	7.30E-12	2.77E-11	1.71E-06	1.47E-07	2.20E-03	0.00E+00	1.34E-02	6.05E-11	1.34E-02	1.56E-02	2.20E-03	0.00E+00	0.00E+00	0.00E+00	3.86E-04
	VZ950	6.07E-05	1.35E-02	3.86E-03	1.74E-02	0.00E+00	0.00E+00	2.12E-01	3.76E-08	1.63E-05	5.98E-05	0.00E+00	3.33E-04	1.83E-09	3.76E-11	3.07E-03	4.44E-05	4.95E-03	9.03E-04	3.90E-05	1.02E-02	4.14E-02	0.00E+00	1.33E-10	4.21E-11	1.56E-05	3.38E-07	2.60E-03	0.00E+00	4.14E-02	9.56E-11	4.14E-02	4.40E-02	2.60E-03	0.00E+00	0.00E+00	0.00E+00	1.68E-03
	VZ951	1.97E-04	5.72E-03	3.12E-02	3.69E-02	0.00E+00	0.00E+00	1.80E+00	8.84E-07	1.49E-04	7.19E-04	0.00E+00	2.91E-03	1.48E-08	3.53E-10	7.91E-03	3.59E-04	1.47E-02	2.49E-02	1.09E-04	3.05E-02	6.89E-01	0.00E+00	1.32E-09	1.05E-09	1.76E-04	7.90E-07	7.72E-02	0.00E+00	6.89E-01	6.98E-10	6.89E-01	7.66E-01	7.72E-02	0.00E+00	0.00E+00	0.00E+00	4.67E-03
	FL204B	1.97E-03	8.73E-01	1.64E-01	7.09E-01	0.00E+00	0.00E+00	1.02E+01	9.69E-06	9.37E-04	5.83E-03	0.00E+00	1.72E-02	7.79E-08	2.28E-09	1.06E-01	1.88E-03	5.88E-02	8.20E-04	1.23E-03	2.91E-01	6.71E+00	0.00E+00	9.06E-09	1.17E-08	1.36E-03	3.48E-05	8.95E-01	0.00E+00	6.71E+00	1.65E-08	6.71E+00	7.60E+00	8.95E-01	0.00E+00	0.00E+00	0.00E+00	5.29E-02
	FL209B	3.05E-03	1.36E+00	2.55E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.51E-05	1.46E-03	9.06E-03	0.00E+00	2.68E-02	1.21E-07	3.54E-09	1.64E-01	2.93E-03	9.10E-02	8.20E-04	1.91E-03	4.51E-01	1.04E+01	0.00E+00	1.41E-08	1.82E-08	2.12E-03	5.41E-05	1.39E+00	0.00E+00	1.04E+01	2.56E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
	FL213B	3.05E-03	1.36E+00	2.55E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.51E-05	1.46E-03	9.06E-03	0.00E+00	2.68E-02	1.21E-07	3.54E-09	1.64E-01	2.93E-03	9.10E-02	8.20E-04	1.91E-03	4.51E-01	1.04E+01	0.00E+00	1.41E-08	1.82E-08	2.12E-03	5.41E-05	1.39E+00	0.00E+00	1.04E+01	2.56E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
	FL216B	3.47E-03	1.54E+00	2.89E-01	1.25E+00	0.00E+00	0.00E+00	1.80E+01	1.71E-05	1.65E-03	1.03E-02	0.00E+00	3.04E-02	1.37E-07	4.02E-09	1.86E-01	3.32E-03	1.03E-01	8.20E-04	2.17E-03	5.13E-01	1.18E+01	0.00E+00	1.60E-08	2.07E-08	2.40E-03	6.14E-05	1.58E+00	0.00E+00	1.18E+01	2.90E-08	1.18E+01	1.34E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-02
	FL221B	4.81E-03	2.14E+00	4.02E-01	1.73E+00	0.00E+00	0.00E+00	2.50E+01	2.37E-05	2.30E-03	1.43E-02	0.00E+00	4.22E-02	1.91E-07	5.58E-09	2.58E-01	4.62E-03	1.43E-01	8.20E-04	3.01E-03	7.11E-01	1.64E+01	0.00E+00	2.22E-08	2.87E-08	3.34E-03	8.52E-05	2.19E+00	0.00E+00	1.64E+01	4.03E-08	1.64E+01	1.86E+01	2.19E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-01
	FL229B	1.52E-02	6.74E+00	1.27E+00	5.47E+00	0.00E+00	0.00E+00	7.88E+01	7.49E-05	7.25E-03	4.51E-02	0.00E+00	1.33E-01	6.03E-07	1.76E-08	8.14E-01	1.46E-02	4.50E-01	8.20E-04	9.50E-03	2.24E+00	5.19E+01	0.00E+00	7.01E-08	9.08E-08	1.05E-02	2.69E-04	6.92E+00	0.00E+00	5.19E+01	1.27E-07	5.19E+01	5.88E+01	6.92E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-01
	FL263B	3.05E-03	1.36E+00	2.55E-01	1.10E+00	0.00E+00	0.00E+00	1.58E+01	1.51E-05	1.46E-03	9.06E-03	0.00E+00	2.68E-02	1.21E-07	3.54E-09	1.64E-01	2.93E-03	9.10E-02	8.20E-04	1.91E-03	4.51E-01	1.04E+01	0.00E+00	1.41E-08	1.82E-08	2.12E-03	5.41E-05	1.39E+00	0.00E+00	1.04E+01	2.56E-08	1.04E+01	1.18E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
	FL266B	3.47E-03	1.54E+00	2.89E-01	1.25E+00	0.00E+00	0.00E+00	1.80E+01	1.71E-05	1.65E-03	1.03E-02	0.00E+00	3.04E-02	1.37E-07	4.02E-09	1.86E-01	3.32E-03	1.03E-01	8.20E-04	2.17E-03	5.13E-01	1.18E+01	0.00E+00	1.60E-08	2.07E-08	2.40E-03	6.14E-05	1.58E+00	0.00E+00	1.18E+01	2.90E-08	1.18E+01	1.34E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-02
	FL271B	4.81E-03	2.14E+00	4.02E-01	1.73E+00	0.00E+00	0.00E+00	2.50E+01	2.37E-05	2.30E-03	1.43E-02	0.00E+00	4.22E-02	1.91E-07	5.58E-09	2.58E-01	4.62E-03	1.43E-01	8.20E-04	3.01E-03	7.11E-01	1.64E+01	0.00E+00	2.22E-08	2.87E-08	3.34E-03	8.52E-05	2.19E+00	0.00E+00	1.64E+01	4.03E-08	1.64E+01	1.86E+01	2.19E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-01
	FL279B	1.52E-02	6.74E+00	1.27E+00	5.47E+00	0.00E+00	0.00E+00	7.88E+01	7.49E-05	7.25E-03	4.51E-02	0.00E+00	1.33E-01	6.03E-07	1.76E-08	8.14E-01	1.46E-02	4.50E-01	8.20E-04	9.50E-03	2.24E+00	5.19E+01	0.00E+00	7.01E-08	9.08E-08	1.05E-02	2.69E-04	6.92E+00	0.00E+00	5.19E+01	1.27E-07	5.19E+01	5.88E+01	6.92E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-01
	FL302BA	8.00E-03	3.57E+00	6.66E-01	2.90E+00	0.00E+00	0.00E+00	4.14E+01	3.95E-05	3.81E-03	2.37E-02	0.00E+00	7.00E-02	3.16E-07	9.26E-09	4.32E-01	7.65E-03	2.43E-01	8.20E-03	5.04E-03	1.19E+00	2.73E+01	0.00E+00	3.68E-08	4.78E-08	5.54E-03	1.42E-04	3.65E+00	0.00E+00	2.73E+01	6.72E-08	2.73E+01	3.10E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-01
	FL306BA	1.06E-02	4.36E+00	8.15E-01	3.54E+00	0.00E+00	0.00E+00	5.06E+01	4.83E-05	4.66E-03	2.90E-02	0.00E+00	8.56E-02	3.87E-07	1.13E-08	5.27E-01	9.36E-03	2.96E-01	8.20E-03	6.15E-03	1.45E+00	3.34E+01	0.00E+00	4.51E-08	5.85E-08	6.78E-03	1.74E-04	4.46E+00	0.00E+00	3.34E+01	8.21E-08	3.34E+01	3.78E+01	4.46E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-01
	FL307BA	9.78E-03	4.36E+00	8.15E-01	3.54E+00	0.00E+00	0.00E+00	5.06E+01	4.83E-05	4.66E-03	2.90E-02	0.00E+00	8.56E-02	3.87E-07	1.13E-08	5.27E-01	9.36E-03	2.96E-01	8.20E-03	6.15E-03	1.45E+00	3.34E+01	0.00E+00	4.51E-08	5.85E-08	6.78E-03	1.74E-04	4.46E+00	0.00E+00	3.34E+01	8.21E-08	3.34E+01	3.78E+01	4.46E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-01
	FL321BA	8.66E-03	3.57E+00	6.66E-01	2.90E+00	0.00E+00	0.00E+00	4.14E+01	3.95E-05	3.81E-03	2.37E-02	0.00E+00	7.00E-02	3.16E-07	9.26E-09	4.32E-01	7.65E-03	2.43E-01	8.20E-03	5.04E-03	1.19E+00	2.73E+01	0.00E+00	3.68E-08	4.78E-08	5.54E-03	1.42E-04	3.65E+00	0.00E+00	2.73E+01	6.72E-08	2.73E+01	3.10E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-01
	FL322BA	8.00E-03	3.57E+00	6.66E-01	2.90E+00	0.00E+00	0.00E+00	4.14E+01	3.95E-05	3.81E-03	2.37E-02	0.00E+00	7.00E-02	3.16E-07	9.26E-09	4.32E-01	7.65E-03	2.43E-01	8.20E-03	5.04E-03	1.19E+00	2.73E+01	0.00E+00	3.68E-08	4.78E-08	5.54E-03	1.42E-04	3.65E+00	0.00E+00	2.73E+01	6.72E-08	2.73E+01	3.10E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-01
	FL342BA	9.97E-03	4.12E+00	7.65E-01	3.36E+00	0.00E+00	0.00E+00	4.76E+01	4.55E-05	4.38E-03	2.73E-02	0.00E+00	8.05E-02	3.63E-07	1.06E-08	5.00E-01	8.79E-03	2.86E-01	1.64E-02	5.84E-03	1.38E+00	3.15E+01	0.00E+00	4.24E-08	5.51E-08	6.38E-03	1.64E-04	4.20E+00	0.00E+00	3.15E+01	7.75E-08	3.15E+01	3.57E+01	4.20E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-01
	FL354BA	1.23E-02	5.09E+00	9.47E-01	4.14E+00	0.00E+00	0.00E+00	5.88E+01	5.62E-05	5.42E-03	3.38E-02	0.00E+00	9.95E-02	4.50E-07	1.32E-08	6.17E-01	1.09E-02	3.50E-01	1.64E-02	7.20E-03	1.70E+00	3.89E+01	0.00E+00	5.24E-08	6.81E-08	7.89E-03	2.03E-04	5.19E+00	0.00E+00	3.89E+01	9.57E-08	3.89E+01	4.41E+01	5.19E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-01
	FL356BA	1.14E-02	5.09E+00	9.47E-01	4.14E+00	0.00E+00	0.00E+00	5.88E+01	5.62E-05	5.42E-03	3.38E-02	0.00E+00	9.95E-02	4.50E-07	1.32E-08	6.17E-01	1.09E-02	3.50E-01	1.64E-02	7.20E-03	1.70E+00	3.89E+01	0.00E+00	5.24E-08	6.81E-08	7.89E-03	2.03E-04	5.19E+00	0.00E+00	3.89E+01	9.57E-08	3.89E+01	4.41E+01	5.19E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-01
	FL358BA	7.24E-03	3.25E+00	6.00E-01	2.65E+00	0.00E+00	0.00E+00	3.73E+01	3.57E-05	3.44E-03	2.14E-02	0.00E+00	6.31E-02	2.85E-07	8.36E-09	3.94E-01	6.89E-03	2.27E-01	1.64E-02	4.60E-03	1.09E+00	2.47E+01	0.00E+00	3.33E-08	4.33E-08	5.01E-03	1.29E-04	3.30E+00	0.00E+00	2.47E+01	6.10E-08	2.47E+01	2.80E+01	3.30E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-01
	FL380B	2.00E-03	8.87E-01	1.67E-01	7.20E-01	0.00E+00	0.00E+00	1.04E+01	9.85E-06	9.53E-04	5.93E-03	0.00E+00	1.75E-02	7.92E-08	2.31E-09	1.07E-01	1.92E-03	5.94E-02	4.10E-04	1.25E-03	2.95E-01	6.82E+00	0.00E+00	9.21E-09	1.19E-08	1.38E-03	3.54E-05	9.09E-01	0.00E+00	6.82E+00	1.67E-08	6.82E+00	7.73E+00	9.09E-01	0.00E+00	0.00E+00	0.00E+00	5.37E-02
	FL381B	2.99E-03	1.33E+00	2.49E-01	1.08E+00	0.00E+00	0.00E+00	1.55E+01	1.47E-05	1.42E-03	8.86E-03	0.00E+00	2.62E-02	1.18E-07	3.46E-09	1.60E-01	2.86E-03	8.87E-02	4.10E-04	1.87E-03	4.41E-01	1.02E+01	0.00E+00	1.38E-08	1.78E-08	2.07E-03	5.29E-05	1.36E+00	0.00E+00	1.02E+01	2.50E-08	1.02E+01	1.15E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-02
	FL382B	3.98E-03	1.76E+00	3.32E-01	1.43E+00	0.00E+00	0.00E+00	2.06E+01	1.96E-05	1.90E-03	1.18E-02	0.00E+00	3.48E-02	1.58E-07	4.61E-09	2.13E-01	3.81E-03	1.18E-01	4.10E-04	2.48E-03	5.87E-01	1.36E+01	0.00E+00	1.83E-08	2.37E-08	2.76E-03	7.03E-05	1.81E+00	0.00E+00	1.36E+01	3.33E-08	1.36E+01	1.54E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
	FL386B	3.98E-03	1.76E+00	3.32E-01	1.43E+00	0.00E+00	0.00E+00	2.06E+01	1.96E-05	1.90E-03	1.18E-02	0.00E+00	3.48E-02	1.58E-07	4.61E-09	2.13E-01	3.81E-03	1.18E-01	4.10E-04	2.48E-03	5.87E-01	1.36E+01	0.00E+00	1.83E-08	2.37E-08	2.76E-03	7.03E-05	1.81E+00	0.00E+00	1.36E+01	3.33E-08	1.36E+01	1.54E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
	FL387B	5.36E-03	2.38E+00	4.47E-01	1.93E+00	0.00E+00	0.00E+00	2.78E+01	2.64E-05	2.56E-03	1.59E-02	0.00E+00	4.70E-02	2.13E-07	6.21E-09	2.87E-01	5.14E-03	1.59E-01	4.10E-04	3.35E-03	7.91E-01	1.83E+01	0.00E+00	2.47E-08	3.20E-08	3.72E-03	9.48E-05	2.44E+00	0.00E+00	1.83E+01	4.49E-08	1.83E+01	2.07E+01	2.44E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-01
	FL402B	3.98E-03	1.76E+00	3.32E-01	1.43E+00	0.00E+00	0.00E+00	2.06E+01	1.96E-05	1.90E-03	1.18E-02	0.00E+00	3.48E-02	1.58E-07	4.61E-09	2.13E-01	3.81E-03	1.18E-01	4.10E-04	2.48E-03	5.87E-01	1.36E+01	0.00E+00	1.83E-08	2.37E-08	2.76E-03	7.03E-05	1.81E+00	0.00E+00	1.36E+01	3.33E-08	1.36E+01	1.54E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
	FL406B	3.98E-03	1.76E+00	3.32E-01	1.43E+00	0.00E+00	0.00E+00	2.06E+01	1.96E-05	1.90E-03	1.18E-02	0.00E+00	3.48E-02	1.58E-07	4.61E-09	2.13E-01	3.81E-03	1.18E-01	4.10E-04	2.48E-03	5.87E-01	1.36E+01	0.00E+00	1.83E-08	2.37E-08	2.76E-03	7.03E-05	1.81E+00	0.00E+00	1.36E+01	3.33E-08	1.36E+01	1.54E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
	FL407B	5.36E-03	2.38E+00	4.47E-01	1.93E+00	0.00E+00	0.00E+00	2.78E+01	2.64E-05	2.56E-03	1.59E-02	0.00E+00	4.70E-02	2.13E-07	6.21E-09	2.87E-01	5.14E-03	1.59E-01	4.10E-04	3.35E-03	7.91E-01	1.83E+01	0.00E+00	2.47E-08	3.20E-08	3.72E-03	9.48E-05	2.44E+00	0.00E+00	1.83E+01	4.49E-08	1.83E+01	2.07E+01	2.44E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-01
Use B1-B7	GD213A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04021	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04085	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04086	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04089	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04090	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04911	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04912	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04917	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04918	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04919	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04925	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04926	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04927	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04928	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04929	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04943	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04944	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04945	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04946	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04947	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04956	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B04957	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	B05169	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

B05172	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05173	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05174	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05182	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05184	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05186	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05188	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05191	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05192	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05196	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05197	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05198	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05199	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05762	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05763	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05765	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05767	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05768	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05769	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05770	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B05774	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B06521	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B06522	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B06523	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B06524	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B06525	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B06526	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B06527	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B06528	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B06534	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B06537	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B06540	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B06541	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B06542	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B06544	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B08700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B08702	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B08704	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B08705	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B08712	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B08716	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FV22A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FV32A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FV62A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FV72A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GA01A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GA01B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GA055N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD018E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD102A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD102B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD102E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD102N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD102T	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD104E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD104T	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD106A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD106B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD106E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD106N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD106Y	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD108A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD108E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD108N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD110A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD110E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD110N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD113A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD113D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD113F	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD113H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD113J	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GD113M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	GD113S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD113U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD118A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD118M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD118S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD213B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD213D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD213F	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD213H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD213J	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD213M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD213U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD218A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD218B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD218M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD218S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD218SMB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD313A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD313B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD313D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD313F	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD313G	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD313H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD313J	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD313M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD313S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD313U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD318A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD318B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD318M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD318S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD413B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD413D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD413F	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD413J	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD413M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD413U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD418A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD418B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD418M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD418S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GD418SMB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GL24PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GL24TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GL42PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GL42TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP102P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP104T	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP108T	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP110T	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP111T	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP112PN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP112TN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP113P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP113T	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP213P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP213T	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP218P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP218T	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP313P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP313T	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP318T	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP413P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP418P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP418PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GP418T	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GR013CN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GR118AN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GR218AN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GR318AN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GR413AN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GR418AN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GR71AN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GR72AN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	GS118D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GS213D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GS218D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GS318D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GS418D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GZ07E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GZ08A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GZ213S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GZ30A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GZ30S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GZ33A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GZ40S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GZ413S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GZ44F	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	GZ45F	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JB253N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JC113	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JK113	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JK113B13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JK113B20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JK113B26	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JK213	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JK213D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JS013	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JS013C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JZ103	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JZ104	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JZ131	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JZ132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JZ181	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	JZ182	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	TN904	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA12A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA12B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA12BN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA12CN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA12D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA12DK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA12DN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA12E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA12G	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA12K	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA12N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA12NL	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA24A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA24B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA24BN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA24CN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA24D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA24DK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA24DN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA24E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA24G	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA24K	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA24N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA24NL	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA36APZ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA36CN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA36K	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA36NW	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA36NWB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA36NWP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA36RM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA36V	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA36W	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA36WWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA48K	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA48NWB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA48V	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VA48W	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB118B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB118C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB118L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB118P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	VB118PB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB118PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB118R	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB118TB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB218B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB218C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB218L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB218P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB218PB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB218PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB218R	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB218TB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB318A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB318B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB318L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB318MMP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB318MMT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB318MP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB318P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB318PB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB318PE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB318PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB318R	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB318TB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB418A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB418B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB418C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB418L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB418MMP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB418MMT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB418MTP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB418MTT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB418P	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB418PB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB418PE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB418PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB418R	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VB418TB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD101ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD101NT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD102ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD102NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD102NT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD104NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD104NT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD106NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD106NP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD106PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD106TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD106TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD108NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD108NP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD108PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD108PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD108TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD108TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD108TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD110NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD110NP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD110PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD110PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD110PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD110TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD110TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD110TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD110TT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD112NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD112NP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD112PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD112PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD112TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD112TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD112TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VD118NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

VD118NP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VD118PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VD118PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VD118TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VD118TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VD118TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VD212NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VD212PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VD212PDM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VD212PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VD212TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VD212TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE103A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE103D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE103E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE103F	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE103G	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE103L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE103M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE103N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE103PN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE103S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE103SN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE103U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106F	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106G	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106PN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106R	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106SN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE106YN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110F	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110G	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110PN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110PVH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110SN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE110YN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE112DK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE112DN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE112E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE112F	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE112G	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE112H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE112L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE112M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE112N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE112PN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE112PVH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE112S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE112SN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE112U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE118AK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE118H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE118L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE118PN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE118S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE118SN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

VE118YN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE212DN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE212E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE212H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE212L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE212PN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE212S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE212SN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE212U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE212YN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE218F	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE218H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE218L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE218PN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE218S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE218SN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE312DN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE312H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE312L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE312PN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE312S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE312SN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE318L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE318PN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE318S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE318SN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE412H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE412L	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE412PN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE412S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VE412SN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF104PEH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF104PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF104PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF104PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF104TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF104TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF104TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF104TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF104TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108PE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108PEB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108PEH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108TE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF108TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112PE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112PEB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112PEH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

VF112PZG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112TE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF112TY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118PEH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118PES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118PJ1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118TES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118TJ1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF118TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF122PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF122PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF122PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF122PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF122PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF122PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF122TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF122TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF122TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF122TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF122TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF122TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF122TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PEB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PEH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PZB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PZC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212PZG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212TE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF212TY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

VF218PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218PEH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218PES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218PJ1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218PZB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218PZG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218TES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218TJ1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF218TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312ICT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312PE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312PEB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312PEBH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312PZC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312PZG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312TE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF312TY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318PEH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318PES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318PZC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318TES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF318TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412PE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412PEB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412PEBH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412PEH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

VF412PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412PZC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412TE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF412TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418PEH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418PES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418PZC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418TES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VF418TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH12AT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH12DKN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH12EP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH12ET	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH12NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH12NC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH12NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH12NK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH12NN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH24AT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH24DKN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH24EP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH24ET	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH24NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH24NC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH24NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH24NK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH24NN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH24NWB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36AT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36DKN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36EP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36ET	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36NC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36NCT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36NK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36NKM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36NN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36NW	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36NWB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36NWP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH36WWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48AT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48DKN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48EP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

VH48ET	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48MMV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48NC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48NK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48NKM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48NMB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48NN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48NRM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48NW	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48NWB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48NWP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48WWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH48WWV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH602NWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH602WWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH603NWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH603WWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60AT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60DKN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60EP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60ET	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60MMV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60NK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60NKM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60NN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60NW	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60NWB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60NWP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60WWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VH60WWV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR108NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR108NH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR108NP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR108PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR108TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR108TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR108TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR112NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR112NH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR112PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR112PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR112TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR112TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR118NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR118NH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR118NP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR118PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR118PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR118TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR212NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR212NE1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR212NE2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR212NE3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR212NEB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR212NH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR212NH1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR212PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR212PDM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR212PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR212PPC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR212PPH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR212TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VR212TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS104PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS104PE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS104PEB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS104PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS104PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS104PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS104PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

VS104PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS104TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS104TE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS104TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS104TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS104TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS104TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108PE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108PEB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108TE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS108TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112PE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112PEB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112TE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS112TY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118PES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118PJ1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118TES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118TJ1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS118TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS122PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS122PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS122PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS122PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS122PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS122PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS122PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

VS122TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS122TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS122TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS122TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS122TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS122TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212PE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212PEB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212PZB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212TE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS212TY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218PDE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218PES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218PJ1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218TES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218TJ1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS218TY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312PE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312TE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS312TY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318PES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

VS318PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318TES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS318TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412PE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412TE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS412TR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418PA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418PD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418PES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418PF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418PJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418PM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418PP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418PR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418PS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418PT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418PY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418TA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418TD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418TES	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418TF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418TJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418TM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418TP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418TS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VS418TY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12AT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12DKN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12EP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12ET	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12IE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12LN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12NC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12NG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12NK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12NN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12NP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12NR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12NSG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU12UA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24EP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24ET	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24IE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24LN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

VU24NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24NC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24NCT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24NG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24NH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24NN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24NP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24NR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24NSG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24NWB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU24UA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36AT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36DKN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36EP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36IE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36LN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36NC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36NCT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36NG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36NH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36NKM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36NMB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36NN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36NP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36NR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36NRM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36NSG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36NW	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36UA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU36WWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48AT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48EP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48ET	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48IE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48LN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48MMV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48NC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48NCT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48NG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48NH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48NKM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48NN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48NP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48NR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48NRM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48NSG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48NW	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48NWP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48UA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48WWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU48WWV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU601PLH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU602NWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU602WWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU603NWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU603PLH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60AT	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60DKN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60EP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60ET	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60MMV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60NC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60NE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60NG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60NH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

VU60NKM	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60NN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60NR	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60NW	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60NWB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60NWP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60UA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60WWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VU60WWV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ002VB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ006VB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ007VB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ00HW	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ00HWF	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ00UP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ011	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ012VB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ016VB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ017VB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ01EK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ02NCH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ02NWH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ041VB	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ093	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ094	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ095	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ096	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ097	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ098	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ099	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ101E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ101N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ101WN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ102N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ102V	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ102WN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ103N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ103V	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ103W	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ103WN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ103WV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ104V	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ104W	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ104WN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ104WV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ105N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ105W	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ105WN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ105WV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ111N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ112N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ113N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ114N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ115N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ121N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ122N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ122W	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ123N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ123W	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ124N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ125N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ126N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ127N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ12AU	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ12CAV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ12CHU	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ12NAV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ131N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ132N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ133N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ134N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ135	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ135N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

VZ136	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ141N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ142N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ143N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ144N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ201	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ203	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ204	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ221H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ221N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ221NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ222H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ222N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ222NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ223H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ224N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ224NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ225A	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ225NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ24AP2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ24AU	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ24CHU	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ24NAV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ24NRK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ24NUH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ309	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ311	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ313	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ331N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ332N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ333N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ334N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ335N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ36AP2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ36AU	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ36CAV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ36CHU	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ36MME	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ36MMK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ36NAV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ36NRK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ36NUH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ406	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ408	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ411N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ418	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ451N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ452N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ453N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ454N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ455M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ461	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ462	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ463	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ473	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ48AU	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ48CAV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ48CHU	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ48MME	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ48MMK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ48NAV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ48NRK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ48NUH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ510N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ511N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ512N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ513N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ514N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ515N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ523	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ551N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ552N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ553N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VZ554N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	VZ555N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ602	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ602N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ603N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ604N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ605N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ606N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ607N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ609N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ60AU	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ60CAV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ60CHU	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ60MME	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ60MMK	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ60NAV	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ60NUH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ610N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ621N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ624N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ625N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ626N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ627N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ628N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ629N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ630N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ631N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ643N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ644N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ647N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ648N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ650N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ651N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ665N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ683N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ685N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ690N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ691N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ696N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ704N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ710	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ717	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ722	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ723	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ724	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ728	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ730	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ744	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ758	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ761	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ786N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ790N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ793N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ797N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ816	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ842N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ851N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ852N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ855N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ857N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ858N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ860N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ861N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ909N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ910N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ912N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ914N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ916N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ917N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ918N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ920N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ921N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ922N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ923N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ924N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	VZ926N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ932N	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ950	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	VZ951	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL204B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL209B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL213B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL216B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL221B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL229B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL263B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL266B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL271B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL279B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL302BA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL306BA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL307BA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL321BA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL322BA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL342BA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL354BA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL356BA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL358BA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL380B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL381B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL382B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL386B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL387B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL402B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL406B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FL407B	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
End of life C1-C4	GD213A	9.95E-03	2.27E+00	3.89E-02	2.23E+00	0.00E+00	0.00E+00	5.50E+00	1.10E-05	2.51E-03	1.99E-02	0.00E+00	-9.18E-04	1.01E-09	2.03E-08	6.61E-02	2.21E+00	3.60E-07	0.00E+00	5.19E+00	1.23E-02	1.53E+01	0.00E+00	1.30E-07	6.02E-08	5.06E-03	4.51E-07	1.02E+00	0.00E+00	1.53E+01	4.30E-06	1.53E+01	1.63E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+02
	B04000	1.05E-03	1.71E-01	4.45E-03	1.67E-01	0.00E+00	0.00E+00	7.36E-01	1.61E-06	1.64E-04	1.86E-03	0.00E+00	8.80E-06	1.33E-10	1.66E-09	1.40E-02	3.21E-01	1.03E-03	1.15E-03	7.86E-01	2.08E-03	2.66E+00	0.00E+00	2.22E-08	8.51E-09	5.24E-04	1.63E-07	1.61E-01	0.00E+00	2.66E+00	8.10E-07	2.66E+00	2.82E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	2.26E+01
	B04021	1.27E-02	2.90E+00	9.06E-02	2.74E+00	0.00E+00	0.00E+00	8.70E+00	2.21E-05	2.95E-03	2.87E-02	0.00E+00	-5.37E-03	1.73E-09	2.53E-08	1.59E-01	4.68E+00	1.83E-06	0.00E+00	1.12E+01	6.73E-02	3.55E+01	0.00E+00	2.74E-07	1.20E-07	7.69E-03	1.65E-06	2.15E+00	0.00E+00	3.55E+01	9.65E-06	3.55E+01	3.84E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	3.34E+02
	B04085	7.04E-03	1.50E+00	6.93E-02	1.44E+00	0.00E+00	0.00E+00	5.23E+00	1.38E-05	1.43E-03	1.62E-02	0.00E+00	-4.39E-03	9.04E-10	1.23E-08	1.04E-01	2.69E+00	0.00E+00	0.00E+00	6.38E+00	5.81E-02	2.28E+01	0.00E+00	1.90E-07	7.68E-08	4.68E-03	1.59E-06	1.27E+00	0.00E+00	2.28E+01	7.72E-06	2.28E+01	2.41E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+02
	B04086	1.00E-02	1.54E+00	6.59E-02	1.47E+00	0.00E+00	0.00E+00	5.87E+00	1.56E-05	1.46E-03	1.65E-02	0.00E+00	-3.77E-03	9.94E-10	1.35E-08	1.05E-01	2.79E+00	0.00E+00	0.00E+00	6.82E+00	5.00E-02	2.34E+01	0.00E+00	1.93E-07	7.97E-08	4.80E-03	1.39E-06	1.34E+00	0.00E+00	2.34E+01	8.18E-06	2.34E+01	2.48E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	2.12E+02
	B04089	1.27E-02	2.65E+00	1.15E-01	2.54E+00	0.00E+00	0.00E+00	9.61E+00	2.63E-05	2.52E-03	2.86E-02	0.00E+00	-6.86E-03	1.62E-09	2.24E-08	1.78E-01	4.78E+00	0.00E+00	0.00E+00	1.15E+01	9.09E-02	4.04E+01	0.00E+00	3.33E-07	1.38E-07	8.33E-03	2.51E-06	2.26E+00	0.00E+00	4.04E+01	1.43E-05	4.04E+01	4.27E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	3.58E+02
	B04090	1.80E-02	3.73E+00	1.54E-01	3.58E+00	0.00E+00	0.00E+00	1.38E+01	3.85E-05	3.55E-03	4.02E-02	0.00E+00	-8.72E-03	2.30E-09	3.21E-08	2.47E-01	6.75E+00	0.00E+00	0.00E+00	1.65E+01	1.16E-01	5.70E+01	0.00E+00	4.68E-07	1.96E-07	1.18E-02	3.23E-06	3.21E+00	0.00E+00	5.70E+01	2.07E-05	5.70E+01	6.02E+01	3.21E+00	0.00E+00	0.00E+00	0.00E+00	5.18E+02
	B04911	5.23E-04	1.74E-01	2.61E-03	1.58E-01	0.00E+00	0.00E+00	2.58E-01	5.74E-07	1.38E-04	1.53E-03	0.00E+00	-4.83E-06	7.25E-11	6.87E-10	7.78E-03	1.60E-01	4.73E-08	0.00E+00	3.68E-01	4.04E-04	1.51E+00	0.00E+00	1.20E-08	4.46E-09	4.07E-04	2.80E-08	7.78E-02	0.00E+00	1.51E+00	3.96E-07	1.51E+00	1.61E+00	7.78E-02	0.00E+00	0.00E+00	0.00E+00	9.04E+00
	B04912	5.59E-04	1.77E-01	3.05E-03	1.45E-01	0.00E+00	0.00E+00	3.18E-01	6.56E-07	1.35E-04	1.52E-03	0.00E+00	-4.83E-06	1.01E-10	8.31E-10	9.69E-03	2.05E-01	5.30E-09	0.00E+00	4.81E-01	4.08E-04	1.88E+00	0.00E+00	1.54E-08	5.39E-09	4.29E-04	3.40E-08	1.02E-01	0.00E+00	1.88E+00	4.62E-07	1.88E+00	1.99E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+01
	B04917	4.17E-03	1.91E+00	1.11E-02	1.90E+00	0.00E+00	0.00E+00	9.69E-01	-4.05E-07	1.26E-03	1.51E-02	0.00E+00	2.50E-19	2.75E-10	2.99E-09	1.91E-02	7.61E-01	0.00E+00	0.00E+00	9.19E-01	1.21E-04	4.56E+00	0.00E+00	4.84E-08	2.47E-08	3.40E-03	8.60E-08	2.60E-01	0.00E+00	4.56E+00	4.95E-07	4.56E+00	4.82E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	2.73E+01
	B04918	5.59E-03	2.56E+00	1.49E-02	2.54E+00	0.00E+00	0.00E+00	1.30E+00	-5.43E-07	1.69E-03	2.02E-02	0.00E+00	3.35E-19	3.68E-10	4.01E-09	2.56E-02	1.02E+00	0.00E+00	0.00E+00	1.23E+00	1.62E-04	6.10E+00	0.00E+00	6.48E-08	3.31E-08	4.55E-03	1.15E-07	3.48E-01	0.00E+00	6.10E+00	6.63E-07	6.10E+00	6.45E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	3.66E+01
	B04919	6.70E-03	3.07E+00	1.79E-02	3.05E+00	0.00E+00	0.00E+00	1.56E+00	-6.51E-07	2.03E-03	2.43E-02	0.00E+00	4.02E-19	4.42E-10	4.81E-09	3.07E-02	1.22E+00	0.00E+00	0.00E+00	1.48E+00	1.94E-04	7.32E+00	0.00E+00	7.77E-08	3.97E-08	5.46E-03	1.38E-07	4.18E-01	0.00E+00	7.32E+00	7.95E-07	7.32E+00	7.74E+00	4.18E-01	0.00E+00	0.00E+00	0.00E+00	4.39E+01
	B04925	2.15E-03	7.78E-01	8.82E-03	7.22E-01	0.00E+00	0.00E+00	9.00E-01	1.15E-06	5.95E-04	6.10E-03	0.00E+00	-7.66E-04	2.39E-10	3.01E-09	2.00E-02	4.49E-01	5.30E-09	0.00E+00	8.49E-01	1.06E-02	3.48E+00	0.00E+00	2.88E-08	1.30E-08	1.75E-03	3.72E-07	2.00E-01	0.00E+00	3.48E+00	9.65E-07	3.48E+00	3.65E+00	2.00E-01	0.00E+00	0.00E+00	0.00E+00	2.43E+01
	B04926	2.66E-03	9.82E-01	1.30E-02	8.94E-01	0.00E+00	0.00E+00	1.29E+00	1.30E-06	7.89E-04	8.64E-03	0.00E+00	-7.66E-04	2.93E-10	3.80E-09	2.39E-02	6.02E-01	5.30E-09	0.00E+00	1.33E+00	1.06E-02	4.74E+00	0.00E+00	4.16E-08	1.85E-08	2.12E-03	3.74E-07	3.15E-01	0.00E+00	4.74E+00	1.13E-06	4.74E+00	4.88E+00	3.15E-01	0.00E+00	0.00E+00	0.00E+00	3.51E+01
	B04927	4.66E-03	1.64E+00	1.41E-02	1.62E+00	0.00E+00	0.00E+00	1.47E+00	1.64E-06	1.16E-03	1.38E-02	0.00E+00	2.84E-19	3.40E-10	3.96E-09	3.51E-02	1.02E+00	0.00E+00	0.00E+00	1.76E+00	1.37E-04	7.51E+00	0.00E+00	6.99E-08	3.11E-08	3.28E-03	9.72E-08	4.14E-01	0.00E+00	7.51E+00	1.73E-06	7.51E+00	7.92E+00	4.14E-01	0.00E+00	0.00E+00	0.00E+00	4.92E+01
	B04928	5.73E-03	2.03E+00	1.72E-02	2.01E+00	0.00E+00	0.00E+00	1.77E+00	1.89E-06	1.44E-03	1.70E-02	0.00E+00	3.50E-19	4.15E-10	4.81E-09	4.32E-02	1.25E+00	0.00E+00	0.00E+00	2.14E+00	1.68E-04	9.19E+00	0.00E+00	8.57E-08	3.81E-08	4.05E-03	1.20E-07	5.05E-01	0.00E+00	9.19E+00	2.08E-06	9.19E+00	9.70E+00	5.05E-01	0.00E+00	0.00E+00	0.00E+00	5.92E+01
	B04929	7.09E-03	2.52E+00	2.13E-02	2.50E+00	0.00E+00	0.00E+00	2.16E+00	2.21E-06	1.79E-03	2.12E-02	0.00E+00	4.34E-19	5.10E-10	5.89E-09	5.34E-02	1.54E+00	0.00E+00	0.00E+00	2.62E+00	2.09E-04	1.13E+01	0.00E+00	1.06E-07	4.71E-08	5.03E-03	1.49E-07	6.22E-01	0.00E+00	1.13E+01	2.54E-06	1.13E+01	1.20E+01	6.22E-01	0.00E+00	0.00E+00	0.00E+00	7.21E+01
	B04943	3.27E-03	6.38E-01	1.45E-02	6.23E-01	0.00E+00	0.00E+00	2.51E+00	7.87E-06	6.13E-04	6.94E-03	0.00E+00	2.30E-19	5.65E-10	5.86E-09	4.02E-02	1.19E+00	0.00E+00	0.00E+00	3.31E+00	9.77E-05	1.00E+01	0.00E+00	7.95E-08	3.56E-08	2.07E-03	6.96E-08	5.94E-01	0.00E+00	1.00E+01	4.20E-06	1.00E+01	1.06E+01	5.94E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+02
	B04944	4.58E-03	9.00E-01	2.10E-02	8.79E-01	0.00E+00	0.00E+00	3.48E+00	1.09E-05	8.63E-04	9.79E-03	0.00E+00	-8.93E-05	7.19E-10	8.09E-09	5.67E-02	1.66E+00	0.00E+00	0.00E+00	4.50E+00	1.32E-03	1.41E+01	0.00E+00	1.12E-07	4.99E-08	2.91E-03	1.27E-07	8.22E-01	0.00E+00	1.41E+01	5.84E-06	1.41E+01	1.49E+01	8.22E-01	0.00E+00	0.00E+00	0.00E+00	1.52E+02
	B04945	5.86E-03	1.15E+00	2.74E-02	1.13E+00	0.00E+00	0.00E+00	4.61E+00	1.41E-05	1.11E-03	1.25E-02	0.00E+00	-1.39E-04	9.01E-10	1.07E-08	7.33E-02	2.14E+00	0.00E+00	0.00E+00	5.76E+00	2.01E-03	1.81E+01	0.00E+00	1.44E-07	6.38E-08	3.72E-03	1.72E-07	1.06E+00	0.00E+00	1.81E+01	7.41E-06	1.81E+01	1.91E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+02
	B04946	7.78E-03	1.52E+00	3.64E-02	1.48E+00	0.00E+00	0.00E+00	6.22E+00	1.92E-05	1.45E-03	1.65E-02	0.00E+00	-1.79E-04	1.32E-09	1.44E-08	9.46E-02	2.83E+00	0.00E+00	0.00E+00	7.87E+00	2.59E-03	2.37E+01	0.00E+00	1.88E-07	8.48E-08	4.91E-03	2.22E-07	1.42E+00	0.00E+00	2.37E+01	9.94E-06	2.37E+01	2.51E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	2.69E+02
	B04947	1.23E-02	2.39E+00	5.54E-02	2.33E+00	0.00E+00	0.00E+00	9.46E+00	2.97E-05	2.29E-03	2.60E-02	0.00E+00	-2.28E-04	1.82E-09	2.19E-08	1.48E-01	4.43E+00	0.00E+00	0.00E+00	1.19E+01	3.37E-03	3.74E+01	0.00E+00	2.98E-07	1.34E-07	7.76E-03	3.32E-07	2.18E+00	0.00E+00	3.74E+01	1.58E-05	3.74E+01	3.96E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	4.03E+02
	B04956	7.80E-03	1.52E+00	3.65E-02	1.49E+00	0.00E+00	0.00E+00	6.24E+00	1.93E-05	1.46E-03	1.65E-02	0.00E+00	-1.79E-04	1.32E-09	1.45E-08	9.50E-02	2.84E+00	0.00E+00	0.00E+00	7.89E+00	2.59E-03	2.38E+01	0.00E+00	1.89E-07	8.50E-08	4.92E-03	2.23E-07	1.42E+00	0.00E+00	2.38E+01	9.96E-06	2.38E+01	2.52E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	2.69E+02
	B04957	1.21E-02	2.36E+00	5.50E-02	2.31E+00	0.00E+00	0.00E+00	9.38E+00	2.93E-05	2.27E-03	2.57E-02	0.00E+00	-2.28E-04	1.81E-09	2.17E-08	1.47E-01	4.38E+00	0.00E+00	0.00E+00	1.18E+01	3.37E-03	3.70E+01	0.00E+00	2.95E-07	1.32E-07	7.66E-03	3.30E-07	2.16E+00	0.00E+00	3.70E+01	1.55E-05	3.70E+01	3.92E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	3.99E+02
	B05169	1.49E-04	3.38E-02	1.80E-03	3.20E-02	0.00E+00	0.00E+00	8.03E-02	1.87E-07	3.22E-05	3.67E-04	0.00E+00	-1.34E-04	1.58E-11	2.00E-10	2.57E-03	5.74E-02	0.00E+00	0.00E+00	1.21E-01	1.78E-03	5.06E-01	0.00E+00	4.35E-09	1.62E-09	1.04E-04	4.75E-08	2.60E-02	0.00E+00	5.06E-01	1.47E-07	5.06E-01	5.32E-01	2.60E-02	0.00E+00	0.00E+00	0.00E+00	3.10E+00
	B05172	4.36E-04	1.56E-01	4.24E-03	1.61E-01	0.00E+00	0.00E+00	2.32E-01	5.53E-07	1.33E-04	1.25E-03	0.00E+00	-6.86E-04	4.33E-11	7.84E-10	6.57E-03	1.25E-01	8.83E-06	0.00E+00	3.39E-01	7.86E-03	1.25E+00	0.00E+00	1.03E-08	3.40E-09	3.43E-04	2.23E-07	6.58E-02	0.00E+00	1.25E+00	2.58E-07	1.25E+00	1.43E+00	6.58E-02	0.00E+00	0.00E+00	0.00E+00	8.56E+00
	B05173	6.94E-04	1.65E-01	5.35E-03	1.60E-01	0.00E+00	0.00E+00	4.95E-01	8.88E-07	1.26E-04	1.31E-03	0.00E+00	-7.14E-04	1.09E-10	1.34E-09	1.42E-02	2.56E-01	8.83E-06	0.00E+00	8.18E-01	8.50E-03	2.70E+00	0.00E+00	2.14E-08	6.58E-09	3.93E-04	2.42E-07	1.77E-01	0.00E+00	2.70E+00	5.24E-07	2.70E+00	2.72E+00	1.77E-01	0.00E+00	0.00E+00	0.00E+00	1.61E+01
	B05174	3.84E-04	1.35E-01	1.01E+00	8.32E-02	0.00E+00	0.00E+00	1.80E-01	4.91E-07	8.72E-05	1.05E-03	0.00E+00	-9.87E-02	2.65E-11	5.56E-10	2.67E-03	9.88E-02	7.06E-06	0.00E+00	2.74E-01	1.53E+00	8.89E-01	0.00E+00	7.01E-09	3.03E-09	2.81E-04	3.04E-05	4.85E-02	0.00E+00	8.89E-01	-1.93E-05	8.89E-01	1.01E+00	4.85E-02	0.00E+00	0.00E+00	0.00E+00	7.54E+00
	B05182	3.89E-04	1.35E-01	1.01E+00	8.94E-02	0.00E+00	0.00E+00	1.74E-01	4.84E-07	9.76E-05	1.11E-03	0.00E+00	-9.97E-02	2.79E-11	8.64E-10	2.59E-03	9.35E-02	7.06E-06	0.00E+00	2.42E-01	1.53E+00	7.84E-01	0.00E+00	6.87E-09	2.97E-09	2.99E-04	3.05E-05	4.79E-02	0.00E+00	7.84E-01	-1.94E-05	7.84E-01	8.83E-01	4.79E-02	0.00E+00	0.00E+00	0.00E+00	6.65E+00
	B05184	4.00E-05	8.67E-03	1.95E-04	8.48E-03	0.00E+00	0.00E+00	2.16E-02	5.05E-08	8.60E-06	9.80E-05	0.00E+00	3.57E-21	4.25E-12	5.27E-11	6.93E-04	1.55E-02	0.00E+00	0.00E+00	3.26E-02	1.72E-06	1.37E-01	0.00E+00	1.17E-09	4.37E-10	2.77E-05	1.23E-09	7.06E-03	0.00E+00	1.37E-01	4.39E-08	1.37E-01	1.44E-01	7.06E-03	0.00E+00	0.00E+00	0.00E+00	8.38E-01
	B05186	4.00E-05	8.67E-03	1.95E-04	8.48E-03	0.00E+00	0.00E+00	2.16E-02	5.05E-08	8.60E-06	9.80E-05	0.00E+00	3.57E-21	4.25E-12	5.27E-11	6.93E-04	1.55E-02	0.00E+00	0.00E+00	3.26E-02	1.72E-06	1.37E-01	0.00E+00	1.17E-09	4.37E-10	2.77E-05	1.23E-09	7.06E-03	0.00E+00	1.37E-01	4.39E-08	1.37E-01	1.44E-01	7.06E-03	0.00E+00	0.00E+00	0.00E+00	8.38E-01
	B05188	4.40E-04	5.68E-02	2.07E-03	6.24E-02	0.00E+00	0.00E+00	2.02E-01	5.49E-07	4.77E-05	5.23E-04	0.00E+00	-8.80E-04	2.99E-11	6.00E-10	1.97E-03	8.52E-02	7.37E-07	0.00E+00	2.17E-01	1.52E-02	6.78E-01	0.00E+00	5.70E-09	2.71E-09	1.72E-04	3.83E-07	3.85E-02	0.00E+00	6.78E-01	2.97E-07	6.78E-01	7.45E-01	3.85E-02	0.00E+00	0.00E+00	0.00E+00	8.25E+00
	B05190	3.17E-04	1.05E-01	1.91E-03	8.59E-02	0.00E+00	0.00E+00	1.29E-01	3.69E-07	1.01E-04	9.01E-04	0.00E+00	-1.73E-03	2.59E-11	7.41E-10	1.69E-03	6.36E-02	5.62E-07	0.00E+00	1.63E-01	9.67E-03	4.06E-01	0.00E+00	3.89E-09	1.87E-09	2.47E-04	2.79E-07	2.64E-02	0.00E+00	4.06E-01	1.03E-08	4.06E-01	4.51E-01	2.64E-02	0.00E+00	0.00E+00	0.00E+00	5.33E+00
	B05191	3.12E-04	4.70E-02	1.81E-03	5.49E-02	0.00E+00	0.00E+00	1.54E-01	4.08E-07	5.08E-05	4.03E-04	0.00E+00	-6.04E-04	4.57E-11	8.13E-10	1.63E-03	8.05E-02	5.62E-07	0.00E+00	2.03E-01	1.01E-02	5.51E-01	0.00E+00	4.85E-09	2.32E-09	1.40E-04	2.85E-07	3.32E-02	0.00E+00	5.51E-01	2.68E-08	5.51E-01	6.14E-01	3.32E-02	0.00E+00	0.00E+00	0.00E+00	6.50E+00
	B05192	3.12E-04	4.70E-02	1.81E-03	5.49E-02	0.00E+00	0.00E+00	1.54E-01	4.08E-07	5.08E-05	4.03E-04	0.00E+00	-6.04E-04	4.57E-11	8.13E-10	1.63E-03	8.05E-02	5.62E-07	0.00E+00	2.03E-01	1.01E-02	5.51E-01	0.00E+00	4.85E-09	2.32E-09	1.40E-04	2.85E-07	3.32E-02	0.00E+00	5.51E-01	2.68E-08	5.51E-01	6.14E-01	3.32E-02	0.00E+00	0.00E+00	0.00E+00	6.50E+00
	B05196	4.31E-04	1.18E-01	1.74E-03	8.53E-02	0.00E+00	0.00E+00	1.56E-01	6.25E-07	1.45E-04	1.15E-03	0.00E+00	-1.73E-03	2.77E-11	9.27E-10	2.39E-03	1.12E-01	4.95E-07	0.00E+00	2.28E-01	9.68E-03	8.12E-01	0.00E+00	6.23E-09	3.32E-09	2.87E-04	3.09E-07	3.69E-02	0.00E+00	8.12E-01	1.55E-07	8.12E-01	8.22E-01	3.69E-02	0.00E+00	0.00E+00	0.00E+00	9.23E+00
	B05197	5.30E-04	2.05E-01	4.63E-03	2.12E-01	0.00E+00	0.00E+00	2.40E-01	5.89E-07	1.47E-04	1.54E-03	0.00E+00	-5.77E-04	4.44E-11	8.49E-10	6.72E-03	1.46E-01	8.68E-07	0.00E+00	3.48E-01	8.80E-03	1.30E+00	0.00E+00	1.13E-08	4.05E-09	4.06E-04	2.87E-07	7.05E-02	0.00E+00	1.30E+00	2.77E-07	1.30E+00	1.51E+00	7.05E-02	0.00E+00	0.00E+00	0.00E+00	8.59E+00
	B05198	6.86E-04	2.15E-01	5.72E-03	2.11E-01	0.00E+00	0.00E+00	4.48E-01	8.02E-07	1.51E-04	1.64E-03	0.00E+00	-6.13E-04	1.06E-10	1.31E-09	1.40E-02	2.87E-01	6.37E-08	0.00E+00	8.55E-01	9.44E-03	2.78E+00	0.00E+00	2.19E-08	7.17E-09	4.65E-04	2.93E-07	1.84E-01	0.00E+00	2.78E+00	5.23E-07	2.78E+00	2.81E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+01
	B05199	4.39E-04	1.47E-01	1.01E+00	1.18E-01	0.00E+00	0.00E+00	2.05E-01	4.90E-07	1.30E-04	1.22E-03	0.00E+00	-9.97E-02	3.77E-11	9.10E-10	4.27E-03	1.16E-01	7.06E-06	0.00E+00	2.60E-01	1.53E+00	9.47E-01	0.00E+00	8.74E-09	3.27E-09	3.52E-04	3.05E-05	5.88E-02	0.00E+00	9.47E-01	-1.94E-05	9.47E-01	1.05E+00	5.88E-02	0.00E+00	0.00E+00	0.00E+00	6.72E+00
	B05762	2.36E-03	7.57E-01	1.41E-02	6.39E-01	0.00E+00	0.00E+00	1.11E+00	1.69E-06	6.75E-04	5.96E-03	0.00E+00	-2.70E-03	2.37E-10	6.97E-09	1.85E-02	4.77E-01	5.30E-09	0.00E+00	1.00E+00	3.24E-02	3.35E+00	0.00E+00	2.96E-08	1.36E-08	1.78E-03	7.60E-07	2.25E-01	0.00E+00	3.35E+00	1.04E-06	3.35E+00	3.60E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	2.78E+01
	B05763	2.26E-03	7.49E-01	1.23E-02	6.35E-01	0.00E+00	0.00E+00	1.03E+00	1.44E-06	6.48E-04	5.87E-03	0.00E+00	-1.97E-03	2.23E-10	6.17E-09	1.84E-02	4.51E-01	5.30E-09	0.00E+00	8.89E-01	2.67E-02	3.23E+00	0.00E+00	2.74E-08	1.24E-08	1.74E-03	6.93E-07	1.94E-01	0.00E+00	3.23E+00	1.01E-06	3.23E+00	3.50E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
	B05765	3.67E-03	9.01E-01	2.80E-02	1.03E+00	0.00E+00	0.00E+00	2.25E+00	3.20E-06	7.13E-04	9.05E-03	0.00E+00	-2.73E-03	4.76E-10	9.37E-09	3.76E-02	1.18E+00	5.30E-09	0.00E+00	2.12E+00	3.29E-02	7.58E+00	0.00E+00	6.75E-08	3.16E-08	2.40E-03	7.61E-07	4.92E-01	0.00E+00	7.58E+00	2.22E-06	7.58E+00	7.96E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	5.92E+01
	B05767	2.65E-03	7.21E-01	1.20E-02	6.40E-01	0.00E+00	0.00E+00	1.14E+00	1.52E-06	4.30E-04	5.80E-03	0.00E+00	-1.71E-03	2.21E-10	6.17E-09	1.74E-02	4.81E-01	5.30E-09	0.00E+00	9.61E-01	2.39E-02	3.39E+00	0.00E+00	2.82E-08	1.28E-08	1.60E-03	6.56E-07	2.09E-01	0.00E+00	3.39E+00	1.05E-06	3.39E+00	3.59E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01

B05768	2.65E-03	7.21E-01	1.16E-02	6.40E-01	0.00E+00	0.00E+00	1.14E+00	1.52E-06	4.16E-04	5.80E-03	0.00E+00	-1.71E-03	2.21E-10	6.16E-09	1.74E-02	4.81E-01	5.30E-09	0.00E+00	9.60E-01	2.39E-02	3.39E+00	0.00E+00	2.82E-08	1.28E-08	1.59E-03	6.56E-07	2.09E-01	0.00E+00	3.39E+00	1.05E-06	3.39E+00	3.59E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
B05769	2.70E-04	3.95E-02	1.46E-03	3.54E-02	0.00E+00	0.00E+00	1.13E-01	3.86E-07	8.72E-05	3.10E-04	0.00E+00	-1.70E-03	2.57E-11	8.33E-10	1.39E-03	6.09E-02	3.16E-07	0.00E+00	1.54E-01	8.71E-03	4.07E-01	0.00E+00	3.63E-09	1.83E-09	1.04E-04	2.82E-07	2.53E-02	0.00E+00	4.07E-01	1.36E-08	4.07E-01	4.48E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	5.06E+00
B05770	2.70E-04	3.95E-02	1.46E-03	3.54E-02	0.00E+00	0.00E+00	1.13E-01	3.86E-07	8.72E-05	3.10E-04	0.00E+00	-1.70E-03	2.57E-11	8.33E-10	1.39E-03	6.09E-02	3.16E-07	0.00E+00	1.54E-01	8.71E-03	4.07E-01	0.00E+00	3.63E-09	1.83E-09	1.04E-04	2.82E-07	2.53E-02	0.00E+00	4.07E-01	1.36E-08	4.07E-01	4.48E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	5.06E+00
B05774	3.40E-04	6.23E-02	1.84E-03	7.43E-02	0.00E+00	0.00E+00	2.04E-01	4.14E-07	6.24E-05	5.96E-04	0.00E+00	-5.40E-04	3.06E-11	7.23E-10	4.30E-03	1.06E-01	3.16E-07	0.00E+00	2.97E-01	7.61E-03	1.04E+00	0.00E+00	8.19E-09	2.81E-09	1.83E-04	2.30E-07	5.54E-02	0.00E+00	1.04E+00	1.68E-07	1.04E+00	1.11E+00	5.54E-02	0.00E+00	0.00E+00	0.00E+00	7.80E+00
B06521	2.08E-03	4.62E-01	3.09E-02	4.31E-01	0.00E+00	0.00E+00	1.54E+00	4.00E-06	4.27E-04	4.85E-03	0.00E+00	-2.58E-03	2.68E-10	3.66E-09	3.12E-02	7.96E-01	0.00E+00	0.00E+00	1.88E+00	3.41E-02	6.76E+00	0.00E+00	5.63E-08	2.26E-08	1.39E-03	8.80E-07	3.74E-01	0.00E+00	6.76E+00	2.11E-06	6.76E+00	7.13E+00	3.74E-01	0.00E+00	0.00E+00	0.00E+00	5.62E+01
B06522	2.96E-03	6.42E-01	3.45E-02	6.08E-01	0.00E+00	0.00E+00	2.27E+00	5.90E-06	6.03E-04	6.84E-03	0.00E+00	-2.48E-03	3.93E-10	5.34E-09	4.41E-02	1.14E+00	0.00E+00	0.00E+00	2.72E+00	3.28E-02	9.62E+00	0.00E+00	7.99E-08	3.23E-08	1.97E-03	8.72E-07	5.39E-01	0.00E+00	9.62E+00	3.15E-06	9.62E+00	1.02E+01	5.39E-01	0.00E+00	0.00E+00	0.00E+00	8.21E+01
B06523	6.81E-03	1.50E+00	6.05E-02	1.44E+00	0.00E+00	0.00E+00	4.71E+00	1.21E-05	1.41E-03	1.61E-02	0.00E+00	-3.45E-03	8.35E-10	1.12E-08	1.03E-01	2.59E+00	0.00E+00	0.00E+00	5.96E+00	4.57E-02	2.21E+01	0.00E+00	1.85E-07	7.39E-08	4.60E-03	1.29E-06	1.21E+00	0.00E+00	2.21E+01	7.34E-06	2.21E+01	2.33E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+02
B06524	9.77E-03	2.12E+00	8.24E-02	2.04E+00	0.00E+00	0.00E+00	6.71E+00	1.74E-05	2.02E-03	2.29E-02	0.00E+00	-4.43E-03	1.19E-09	1.59E-08	1.48E-01	3.71E+00	0.00E+00	0.00E+00	8.55E+00	5.88E-02	3.17E+01	0.00E+00	2.66E-07	1.06E-07	6.58E-03	1.68E-06	1.73E+00	0.00E+00	3.17E+01	1.07E-05	3.17E+01	3.35E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.51E+02
B06525	1.19E-02	2.58E+00	9.20E-02	2.49E+00	0.00E+00	0.00E+00	8.29E+00	2.26E-05	2.42E-03	2.75E-02	0.00E+00	-4.61E-03	1.43E-09	1.95E-08	1.67E-01	4.41E+00	0.00E+00	0.00E+00	1.03E+01	6.12E-02	3.75E+01	0.00E+00	3.11E-07	1.28E-07	7.92E-03	1.78E-06	2.06E+00	0.00E+00	3.75E+01	1.33E-05	3.75E+01	3.95E+01	2.06E+00	0.00E+00	0.00E+00	0.00E+00	3.16E+02
B06526	1.60E-02	3.45E+00	1.21E-01	3.33E+00	0.00E+00	0.00E+00	1.13E+01	3.03E-05	3.26E-03	3.71E-02	0.00E+00	-5.73E-03	1.96E-09	2.66E-08	2.30E-01	6.00E+00	0.00E+00	0.00E+00	1.41E+01	7.62E-02	5.09E+01	0.00E+00	4.24E-07	1.73E-07	1.07E-02	2.25E-06	2.81E+00	0.00E+00	5.09E+01	1.79E-05	5.09E+01	5.38E+01	2.81E+00	0.00E+00	0.00E+00	0.00E+00	4.26E+02
B06527	2.42E-02	5.13E+00	1.70E-01	4.96E+00	0.00E+00	0.00E+00	1.72E+01	4.75E-05	4.87E-03	5.54E-02	0.00E+00	-7.30E-03	2.92E-09	4.02E-08	3.38E-01	9.02E+00	0.00E+00	0.00E+00	2.13E+01	9.71E-02	7.66E+01	0.00E+00	6.35E-07	2.63E-07	1.60E-02	2.95E-06	4.23E+00	0.00E+00	7.66E+01	2.78E-05	7.66E+01	8.08E+01	4.23E+00	0.00E+00	0.00E+00	0.00E+00	6.57E+02
B06528	3.45E-02	1.10E+01	2.27E-01	1.07E+01	0.00E+00	0.00E+00	2.08E+01	4.85E-05	8.57E-03	9.98E-02	0.00E+00	-1.08E-02	3.81E-09	5.10E-08	3.48E-01	1.09E+01	0.00E+00	0.00E+00	2.35E+01	1.43E-01	8.43E+01	0.00E+00	7.27E-07	3.27E-07	2.59E-02	4.26E-06	4.80E+00	0.00E+00	8.43E+01	2.75E-05	8.43E+01	8.91E+01	4.80E+00	0.00E+00	0.00E+00	0.00E+00	7.57E+02
B06534	2.85E-03	5.41E-01	4.22E-02	4.98E-01	0.00E+00	0.00E+00	2.09E+00	5.12E-06	8.58E-04	5.56E-03	0.00E+00	-3.65E-03	3.64E-10	8.95E-09	3.73E-02	9.75E-01	0.00E+00	0.00E+00	2.42E+00	4.82E-02	7.85E+00	0.00E+00	6.43E-08	2.61E-08	1.61E-03	1.23E-06	4.67E-01	0.00E+00	7.85E+00	2.18E-06	7.85E+00	8.32E+00	4.67E-01	0.00E+00	0.00E+00	0.00E+00	7.33E+01
B06537	4.20E-03	7.68E-01	5.80E-02	7.10E-01	0.00E+00	0.00E+00	3.14E+00	7.71E-06	1.31E-03	7.91E-03	0.00E+00	-4.88E-03	5.45E-10	1.41E-08	5.25E-02	1.42E+00	0.00E+00	0.00E+00	3.55E+00	6.45E-02	1.12E+01	0.00E+00	9.15E-08	3.76E-08	2.31E-03	1.65E-06	6.80E-01	0.00E+00	1.12E+01	3.18E-06	1.12E+01	1.19E+01	6.80E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
B06540	8.55E-03	1.71E+00	1.05E-01	1.60E+00	0.00E+00	0.00E+00	5.84E+00	1.41E-05	2.58E-03	1.75E-02	0.00E+00	-8.32E-03	1.04E-09	2.53E-08	1.12E-01	2.89E+00	0.00E+00	0.00E+00	7.00E+00	1.10E-01	2.34E+01	0.00E+00	1.93E-07	7.82E-08	4.98E-03	2.85E-06	1.37E+00	0.00E+00	2.34E+01	6.68E-06	2.34E+01	2.48E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+02
B06541	1.50E-02	2.94E+00	1.56E-01	2.78E+00	0.00E+00	0.00E+00	9.95E+00	2.53E-05	4.54E-03	3.01E-02	0.00E+00	-1.15E-02	1.73E-09	4.43E-08	1.81E-01	4.95E+00	0.00E+00	0.00E+00	1.19E+01	1.52E-01	3.97E+01	0.00E+00	3.26E-07	1.36E-07	8.63E-03	4.00E-06	2.32E+00	0.00E+00	3.97E+01	1.23E-05	3.97E+01	4.20E+01	2.32E+00	0.00E+00	0.00E+00	0.00E+00	3.68E+02
B06542	1.30E-02	2.46E+00	1.43E-01	2.31E+00	0.00E+00	0.00E+00	8.62E+00	2.08E-05	4.13E-03	2.54E-02	0.00E+00	-1.08E-02	1.54E-09	4.12E-08	1.65E-01	4.31E+00	0.00E+00	0.00E+00	1.04E+01	1.42E-01	3.45E+01	0.00E+00	2.85E-07	1.15E-07	7.30E-03	3.72E-06	2.03E+00	0.00E+00	3.45E+01	9.94E-06	3.45E+01	3.65E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	3.09E+02
B06544	3.04E-02	5.77E+00	2.71E-01	5.50E+00	0.00E+00	0.00E+00	2.01E+01	5.23E-05	9.06E-03	5.99E-02	0.00E+00	-1.79E-02	3.46E-09	8.88E-08	3.63E-01	1.00E+01	0.00E+00	0.00E+00	2.42E+01	2.37E-01	8.04E+01	0.00E+00	6.60E-07	2.77E-07	1.73E-02	6.35E-06	4.70E+00	0.00E+00	8.04E+01	2.62E-05	8.04E+01	8.51E+01	4.70E+00	0.00E+00	0.00E+00	0.00E+00	7.51E+02
B08700	3.83E-03	7.22E+00	4.38E+00	2.84E+00	0.00E+00	0.00E+00	2.19E+00	4.32E-06	1.75E-03	2.07E-02	0.00E+00	-5.42E-01	3.52E-10	2.49E-08	3.11E-02	5.19E-01	0.00E+00	0.00E+00	1.50E+00	7.15E+00	4.75E+00	0.00E+00	4.32E-08	1.13E-08	4.48E-03	1.73E-04	-3.79E-01	0.00E+00	4.75E+00	-6.10E-05	4.75E+00	4.37E+00	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	5.40E+01
B08702	3.85E-03	7.26E+00	4.40E+00	2.86E+00	0.00E+00	0.00E+00	2.20E+00	4.32E-06	1.76E-03	2.08E-02	0.00E+00	-5.46E-01	3.53E-10	2.51E-08	3.12E-02	5.19E-01	0.00E+00	0.00E+00	1.50E+00	7.20E+00	4.76E+00	0.00E+00	4.32E-08	1.13E-08	4.50E-03	1.75E-04	-3.83E-01	0.00E+00	4.76E+00	-6.14E-05	4.76E+00	4.37E+00	-3.83E-01	0.00E+00	0.00E+00	0.00E+00	5.40E+01
B08704	1.03E-02	2.16E+00	1.01E+00	1.83E+00	0.00E+00	0.00E+00	5.00E+00	1.28E-05	2.06E-03	1.94E-02	0.00E+00	-1.02E-01	9.26E-10	2.20E-08	1.15E-01	3.60E+00	4.05E-06	0.00E+00	5.46E+00	1.52E+00	2.91E+01	0.00E+00	2.21E-07	9.70E-08	5.92E-03	3.01E-05	7.04E-01	0.00E+00	2.91E+01	-1.23E-05	2.91E+01	2.97E+01	7.04E-01	0.00E+00	0.00E+00	0.00E+00	1.94E+02
B08705	9.90E-03	2.22E+00	1.30E+00	1.88E+00	0.00E+00	0.00E+00	4.68E+00	1.24E-05	2.17E-03	2.00E-02	0.00E+00	-1.33E-01	8.99E-10	2.22E-08	1.15E-01	3.69E+00	4.05E-06	0.00E+00	5.01E+00	2.02E+00	2.68E+01	0.00E+00	2.12E-07	9.72E-08	6.09E-03	3.75E-05	5.07E-01	0.00E+00	2.68E+01	-1.64E-05	2.68E+01	2.78E+01	5.07E-01	0.00E+00	0.00E+00	0.00E+00	1.83E+02
B08712	7.25E-04	1.06E-01	6.04E-03	1.33E-01	0.00E+00	0.00E+00	5.58E-01	1.02E-06	1.02E-04	9.73E-04	0.00E+00	-1.07E-03	1.33E-10	1.45E-09	1.40E-02	2.50E-01	5.30E-09	0.00E+00	6.20E-01	1.71E-02	2.47E+00	0.00E+00	2.09E-08	6.55E-09	3.00E-04	4.11E-07	1.36E-01	0.00E+00	2.47E+00	6.26E-07	2.47E+00	2.66E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+01
B08716	7.14E-04	1.08E-01	5.50E-03	1.32E-01	0.00E+00	0.00E+00	5.46E-01	8.98E-07	1.05E-04	8.61E-04	0.00E+00	-8.90E-04	1.19E-10	1.40E-09	1.40E-02	2.50E-01	5.30E-09	0.00E+00	6.17E-01	1.52E-02	2.47E+00	0.00E+00	2.08E-08	6.50E-09	3.02E-04	3.91E-07	1.36E-01	0.00E+00	2.47E+00	6.27E-07	2.47E+00	2.65E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	1.60E+01
FV22A	1.71E-02	6.29E+00	1.52E+00	4.43E+00	0.00E+00	0.00E+00	1.50E+01	2.87E-05	4.45E-03	4.48E-02	0.00E+00	-5.59E-02	2.63E-09	3.10E-08	2.44E-01	8.31E+00	1.65E-05	0.00E+00	1.60E+01	6.02E-01	5.06E+01	0.00E+00	4.59E-07	1.98E-07	1.39E-02	1.76E-05	4.15E+00	0.00E+00	5.06E+01	3.92E-06	5.06E+01	6.27E+01	4.15E+00	0.00E+00	0.00E+00	0.00E+00	4.44E+02
FV32A	1.77E-02	6.45E+00	1.53E+00	5.01E+00	0.00E+00	0.00E+00	1.53E+01	2.92E-05	5.13E-03	4.73E-02	0.00E+00	-5.70E-02	2.81E-09	3.68E-08	2.49E-01	8.34E+00	2.29E-04	0.00E+00	1.62E+01	6.18E-01	5.08E+01	0.00E+00	4.63E-07	2.02E-07	1.43E-02	1.82E-05	4.21E+00	0.00E+00	5.08E+01	3.04E-06	5.08E+01	6.32E+01	4.21E+00	0.00E+00	0.00E+00	0.00E+00	4.49E+02
FV62A	1.54E-02	6.39E+00	2.23E+00	4.97E+00	0.00E+00	0.00E+00	1.38E+01	2.74E-05	5.00E-03	4.64E-02	0.00E+00	-2.55E-01	2.40E-09	3.37E-08	2.24E-01	7.44E+00	4.47E-05	0.00E+00	1.38E+01	3.23E+00	4.55E+01	0.00E+00	3.72E-07	1.61E-07	1.45E-02	8.49E-05	3.58E+00	0.00E+00	4.55E+01	-1.35E-05	4.55E+01	5.85E+01	3.58E+00	0.00E+00	0.00E+00	0.00E+00	3.74E+02
FV72A	1.49E-02	6.55E+00	2.33E+00	4.97E+00	0.00E+00	0.00E+00	1.35E+01	2.71E-05	4.90E-03	4.68E-02	0.00E+00	-2.82E-01	2.39E-09	3.46E-08	2.08E-01	7.28E+00	4.47E-05	0.00E+00	1.33E+01	3.53E+00	4.28E+01	0.00E+00	3.54E-07	1.54E-07	1.45E-02	9.11E-05	3.42E+00	0.00E+00	4.28E+01	-1.56E-05	4.28E+01	5.76E+01	3.42E+00	0.00E+00	0.00E+00	0.00E+00	3.58E+02
GA01A	1.92E-03	9.45E-01	7.59E-03	9.38E-01	0.00E+00	0.00E+00	1.16E+00	1.23E-06	6.35E-04	7.56E-03	0.00E+00	1.44E-19	2.47E-10	2.93E-09	1.27E-02	4.83E-01	0.00E+00	0.00E+00	9.04E-01	6.62E-05	2.91E+00	0.00E+00	2.84E-08	1.41E-08	1.73E-03	4.72E-08	2.02E-01	0.00E+00	2.91E+00	4.08E-07	2.91E+00	3.11E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	2.95E+01
GA01B	2.14E-03	1.07E+00	8.28E-03	1.06E+00	0.00E+00	0.00E+00	1.22E+00	1.20E-06	7.14E-04	8.51E-03	0.00E+00	1.60E-19	2.64E-10	3.11E-09	1.38E-02	5.30E-01	0.00E+00	0.00E+00	9.59E-01	7.38E-05	3.18E+00	0.00E+00	3.13E-08	1.56E-08	1.94E-03	5.25E-08	2.18E-01	0.00E+00	3.18E+00	4.35E-07	3.18E+00	3.40E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	3.12E+01
GA055N	3.65E-03	1.78E+00	1.44E-02	1.76E+00	0.00E+00	0.00E+00	2.00E+00	2.44E-06	1.19E-03	1.42E-02	0.00E+00	2.92E-19	7.57E-10	5.36E-09	2.24E-02	9.02E-01	0.00E+00	0.00E+00	2.18E+00	1.19E-04	5.31E+00	0.00E+00	5.13E-08	2.70E-08	3.24E-03	8.47E-08	4.14E-01	0.00E+00	5.31E+00	9.61E-07	5.31E+00	5.72E+00	4.14E-01	0.00E+00	0.00E+00	0.00E+00	7.84E+01
GD018E	1.13E-02	1.81E+00	6.42E-02	1.75E+00	0.00E+00	0.00E+00	7.47E+00	1.76E-05	2.51E-03	1.66E-02	0.00E+00	-1.26E-03	1.63E-09	3.52E-08	1.12E-01	3.43E+00	1.15E-04	0.00E+00	8.57E+00	1.38E-02	2.41E+01	0.00E+00	1.97E-07	8.38E-08	5.57E-03	7.15E-07	1.67E+00	0.00E+00	2.41E+01	6.97E-06	2.41E+01	2.54E+01	1.67E+00	0.00E+00	0.00E+00	0.00E+00	2.83E+02
GD102A	7.30E-04	2.65E-01	2.80E-03	2.63E-01	0.00E+00	0.00E+00	2.07E-01	2.03E-07	1.86E-04	2.21E-03	0.00E+00	-8.47E-05	4.97E-11	5.79E-10	5.16E-03	1.55E-01	0.00E+00	0.00E+00	2.55E-01	1.14E-03	1.13E+00	0.00E+00	1.06E-08	4.80E-09	5.22E-04	4.21E-08	6.10E-02	0.00E+00	1.13E+00	2.46E-07	1.13E+00	1.19E+00	6.10E-02	0.00E+00	0.00E+00	0.00E+00	7.14E+00
GD102B	5.11E-04	1.14E-01	3.12E-03	1.11E-01	0.00E+00	0.00E+00	2.73E-01	6.77E-07	1.10E-04	1.26E-03	0.00E+00	-8.47E-05	5.25E-11	6.66E-10	9.18E-03	1.95E-01	0.00E+00	0.00E+00	4.36E-01	1.14E-03	1.77E+00	0.00E+00	1.48E-08	5.52E-09	3.55E-04	4.21E-08	9.17E-02	0.00E+00	1.77E+00	5.51E-07	1.77E+00	1.87E+00	9.17E-02	0.00E+00	0.00E+00	0.00E+00	1.10E+01
GD102E	6.99E-04	2.60E-01	2.72E-03	2.57E-01	0.00E+00	0.00E+00	1.96E-01	1.61E-07	1.82E-04	2.16E-03	0.00E+00	-8.47E-05	4.79E-11	5.52E-10	4.95E-03	1.48E-01	0.00E+00	0.00E+00	2.38E-01	1.14E-03	1.06E+00	0.00E+00	1.01E-08	4.56E-09	5.07E-04	4.17E-08	5.78E-02	0.00E+00	1.06E+00	2.18E-07	1.06E+00	1.12E+00	5.78E-02	0.00E+00	0.00E+00	0.00E+00	6.56E+00
GD102N	7.30E-04	2.65E-01	2.80E-03	2.63E-01	0.00E+00	0.00E+00	2.07E-01	2.03E-07	1.86E-04	2.21E-03	0.00E+00	-8.47E-05	4.97E-11	5.79E-10	5.16E-03	1.55E-01	0.00E+00	0.00E+00	2.55E-01	1.14E-03	1.13E+00	0.00E+00	1.06E-08	4.80E-09	5.22E-04	4.21E-08	6.10E-02	0.00E+00	1.13E+00	2.46E-07	1.13E+00	1.19E+00	6.10E-02	0.00E+00	0.00E+00	0.00E+00	7.14E+00
GD102T	6.25E-04	2.34E-01	2.21E-03	2.09E-01	0.00E+00	0.00E+00	1.84E-01	2.89E-07	1.36E-04	1.87E-03	0.00E+00	-1.25E-03	3.31E-11	8.13E-10	4.04E-03	1.32E-01	4.91E-07	0.00E+00	2.52E-01	3.66E-03	1.02E+00	0.00E+00	9.36E-09	4.40E-09	4.16E-04	1.08E-07	5.39E-02	0.00E+00	1.02E+00	7.39E-08	1.02E+00	1.02E+00	5.39E-02	0.00E+00	0.00E+00	0.00E+00	7.01E+00
GD104E	1.24E-03	2.61E-01	7.34E-03	2.54E-01	0.00E+00	0.00E+00	7.15E-01	1.71E-06	3.40E-04	2.79E-03	0.00E+00	-2.12E-04	1.34E-10	2.76E-09	1.88E-02	4.38E-01	0.00E+00	0.00E+00	9.98E-01	2.84E-03	3.74E+00	0.00E+00	3.12E-08	1.21E-08	7.87E-04	9.97E-08	2.05E-01	0.00E+00	3.74E+00	1.15E-06	3.74E+00	3.95E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
GD104T	9.72E-04	2.57E-01	3.87E-03	2.35E-01	0.00E+00	0.00E+00	4.43E-01	1.01E-06	2.36E-04	2.37E-03	0.00E+00	-3.19E-04	1.01E-10	1.74E-09	6.11E-03	2.71E-01	4.91E-07	0.00E+00	6.17E-01	4.38E-03	1.84E+00	0.00E+00	1.85E-08	7.92E-09	6.11E-04	6.96E-08	1.18E-01	0.00E+00	1.84E+00	4.44E-07	1.84E+00	1.82E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	1.81E+01
GD106A	1.34E-03	2.75E-01	8.67E-03	2.66E-01	0.00E+00	0.00E+00	7.76E-01	1.87E-06	3.58E-04	2.99E-03	0.00E+00	-3.11E-04	1.45E-10	2.90E-09	2.10E-02	4.81E-01	0.00E+00	0.00E+00	1.10E+00	4.15E-03	4.16E+00	0.00E+00	3.46E-08	1.33E-08	8.48E-04	1.34E-07	2.26E-01	0.00E+00	4.16E+00	1.28E-06	4.16E+00	4.38E+00	2.26E-01	0.00E+00	0.00E+00	0.00E+00	2.97E+01
GD106B	1.14E-03	2.58E-01	7.90E-03	2.50E-01	0.00E+00	0.00E+00	6.06E-01	1.53E-06	2.46E-04	2.81E-03	0.00E+00	-3.11E-04	1.16E-10	1.49E-09	2.00E-02	4.31E-01	0.00E+00	0.00E+00	9.64E-01	4.14E-03	3.91E+00	0.00E+00	3.26E-08	1.23E-08	7.91E-04	1.32E-07	2.02E-01	0.00E+00	3.91E+00	1.22E-06	3.91E+00	4.11E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
GD106E	1.34E-03	2.75E-01	8.67E-03	2.66E-01	0.00E+00	0.00E+00	7.76E-01	1.87E-06	3.58E-04	2.99E-03	0.00E+00	-3.11E-04	1.45E-10	2.90E-09	2.10E-02	4.81E-01	0.00E+00	0.00E+00	1.10E+00	4.15E-03	4.16E+00	0.00E+00	3.46E-08	1.33E-08	8.48E-04	1.34E-07	2.26E-01	0.00E+00	4.16E+00	1.28E-06	4.16E+00	4.38E+00	2.26E-01	0.00E+00	0.00E+00	0.00E+00	2.97E+01
GD106N	1.54E-03	2.93E-01	9.45E-03	2.83E-01	0.00E+00	0.00E+00	9.45E-01	2.21E-06	4.69E-04	3.17E-03	0.00E+00	-3.11E-04	1.75E-10	4.32E-09	2.21E-02	5.32E-01	0.00E+00	0.00E+00	1.24E+00	4.15E-03	4.41E+00	0.00E+00	3.66E-08	1.43E-08	9.05E-04	1.37E-07	2.51E-01	0.00E+00	4.41E+00	1.33E-06	4.41E+00	4.66E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	3.47E+01
GD106Y	1.35E-03	2.81E-01	8.58E-03	2.72E-01	0.00E+00	0.00E+00	8.22E-01	1.98E-06	3.90E-04	3.04E-03	0.00E+00	-3.44E-04	1.34E-10	3.30E-09	2.13E-02	4.97E-01	4.91E-07	0.00E+00	1.17E+00	4.57E-03	4.23E+00	0.00E+00	3.51E-08	1.34E-08	8.78E-04	1.08E-07	2.35E-01	0.00E+00	4.23E+00	1.29E-06	4.23E+00	4.43E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	3.14E+01
GD108A	1.51E-03	3.35E-01	1.02E-02	3.25E-01	0.00E+00	0.00E+00	8.54E-01	2.05E-06	3.80E-04	3.58E-03	0.00E+00	-3.95E-04	1.62E-10	2.80E-09	2.43E-02	5.48E-01	0.00E+00	0.00E+00	1.24E+00	5.27E-03	4.79E+00	0.00E+00	4.01E-08	1.53E-08	1.00E-03	1.68E-07	2.57E-01	0.00E+00	4.79E+00	1.46E-06	4.79E+00	5.05E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
GD108E	1.51E-03	3.35E-01	1.02E-02	3.25E-01	0.00E+00	0.00E+00	8.54E-01	2.05E-06	3.80E-04	3.58E-03	0.00E+00	-3.95E-04	1.62E-10	2.80E-09	2.43E-02	5.48E-01	0.00E+00	0.00E+00	1.24E+00	5.27E-03	4.79E+00	0.00E+00	4.01E-08	1.53E-08	1.00E-03	1.68E-07	2.57E-01	0.00E+00	4.79E+00	1.46E-06	4.79E+00	5.05E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
GD108N	1.68E-03	3.53E-01	1.09E-02	3.42E-01	0.00E+00	0.00E+00	1.00E+00	2.37E-06	4.63E-04	3.76E-03	0.00E+00	-3.95E-04	1.88E-10	3.87E-09	2.53E-02	5.94E-01	0.00E+00	0.00E+00	1.36E+00	5.28E-03	5.04E+00	0.00E+00	4.20E-08	1.63E-08	1.06E-03	1.70E-07	2.79E-01	0.00E+00	5.04E+00	1.53E-06	5.04E+00	5.32E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	3.74E+01
GD110A	1.71E-03	3.83E-01	1.17E-02	3.71E-01	0.00E+00	0.00E+00	9.59E-01	2.29E-06	4.24E-04	4.09E-03	0.00E+00	-4.66E-04	1.83E-10	3.06E-09	2.79E-02	6.23E-01	0.00E+00	0.00E+00	1.41E+00	6.21E-03	5.47E+00	0.00E+00	4.58E-08	1.74E-08	1.14E-03	1.96E-07	2.92E-01	0.00E+00	5.47E+00	1.66E-06	5.47E+00	5.76E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	3.71E+01
GD110E	1.71E-03	3.83E-01	1.17E-02	3.71E-01	0.00E+00	0.00E+00	9.59E-01	2.29E-06	4.24E-04	4.09E-03	0.00E+00	-4.66E-04	1.83E-10	3.06E-09	2.79E-02	6.23E-01	0.00E+00	0.00E+00	1.41E+00	6.21E-03	5.47E+00	0.00E+00	4.58E-08	1.74E-08	1.14E-03	1.96E-07	2.92E-01	0.00E+00	5.47E+00	1.66E-06	5.47E+00	5.76E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	3.71E+01
GD110N	1.88E-03	4.01E-01	1.24E-02	3.89E-01	0.00E+00	0.00E+00	1.11E+00	2.61E-06	5.08E-04	4.27E-03	0.00E+00	-4.66E-04	2.08E-10	4.13E-09	2.89E-02	6.69E-01	0.00E+00	0.00E+00	1.53E+00	6.22E-03	5.72E+00	0.00E+00	4.78E-08	1.84E-08	1.20E-03	1.98E-07	3.15E-01	0.00E+00	5.72E+00	1.73E-06	5.72E+00	6.03E+00	3.15E-01	0.00E+00	0.00E+00	0.00E+00	4.15E+01
GD113A	4.88E-03	8.39E-01	2.64E-02	8.12E-01	0.00E+00	0.00E+00	3.57E+00	8.38E-06	1.62E-03	9.07E-03	0.00E+00	-5.51E-04	6.32E-10	1.62E-08	6.22E-02	1.64E+00	0.00E+00	0.00E+00	4.07E+00	7.41E-03	1.28E+01	0.00E+00	1.05E-07	4.25E-08	2.63E-03	2.81E-07	7.93E-01	0.00E+00	1.28E+01	4.02E-06	1.28E+01	1.36E+01	7.93E-01	0.00E+00	0.00E+00	0.00E+00	1.22E+02
GD113D	4.83E-03	1.07E+00	2.19E-02	1.16E+00	0.00E+00	0.00E+00	2.45E+00	4.74E-06	1.12E-03	1.18E-02	0.00E+00	-1.74E-03	5.53E-10	9.13E-09	3.77E-02	1.28E+00	7.17E-05	0.00E+00	2.63E+00	2.03E-02	9.07E+00	0.00E+00	7.37E-08	3.60E-08	3.18E-03	4.01E-07	5.25E-01	0.00E+00	9.07E+00	2.18E-06	9.07E+00	9.92E+00	5.25E-01	0.00E+00	0.00E+00	0.00E+00	8.93E+01
GD113F	4.82E-03	9.93E-01	2.96E-02	1.03E+00	0.00E+00	0.00E+00	3.61E+00	7.81E-06	1.23E-03	1.21E-02	0.00E+00	-1.22E-03	7.34E-10	1.47E-08	5.59E-02	1.55E+00	1.99E-07	0.00E+00	3.91E+00	2.01E-02	1.22E+01	0.00E+00	9.26E-08	4.11E-08	3.07E-03	3.68E-07	7.38E-01	0.00E+00	1.22E+01	3.33E-06	1.22E+01	1.26E+01	7.38E-01	0.00E+00	0.00E+00	0.00E+00	1.26E+02
GD113H	7.00E-03	1.17E+00	3.72E-02	1.16E+00	0.00E+00	0.00E+00	4.21E+00	7.98E-06	2.74E-03	1.27E-02	0.00E+00	-1.12E-03	8.20E-10	2.36E-08	6.53E-02	2.00E+00	1.64E-04	0.00E+00	4.61E+00	2.17E-02	1.45E+01	0.00E+00	1.14E-07	4.84E-08	3.70E-03	4.52E-07	9.14E-01	0.00E+00	1.45E+01	3.31E-06	1.45E+01	1.51E+01	9.14E-01	0.00E+00	0.00E+00	0.00E+00	1.42E+02
GD113J	4.73E-03	1.05E+00	2.27E-02	1.14E+00	0.00E+00	0.00E+00	2.23E+00	4.67E-06	1.07E-03	1.21E-02	0.00E+00	-1.90E-03	4.79E-10	8.28E-09	3.40E-02	1.27E+00	1.16E-06	0.00E+00	2.56E+00	2.14E-02	8.95E+00	0.00E+00	7.31E-08	3.60E-08	3.18E-03	3.93E-07	5.14E-01	0.00E+00	8.95E+00	2.39E-06	8.95E+00	9.96E+00	5.14E-01	0.00E+00	0.00E+00	0.00E+00	8.97E+01
GD113M	4.73E-03	1.05E+00	2.30E-02	1.14E+00	0.00E+00	0.00E+00	2.49E+00	4.73E-06	1.08E-03	1.21E-02	0.00E+00	-1.90E-03	5.53E-10	8.35E-09	3.56E-02	1.28E+00	1.16E-06	0.00E+00	2.63E+00	2.14E-02	9.11E+00	0.00E+00	7.43E-08	3.61E-08	3.19E-03	3.93E-07	5.29E-01	0.00E+00	9.11E+00	2.39E-06	9.11E+00	1.01E+01	5.29E-01	0.00E+00	0.00E+00	0.00E+00	9.21E+01
GD113S	7.67E-03	1.01E+00	3.85E-02	9.76E-01	0.00E+00	0.00E+00	4.96E+00	1.14E-05	3.34E-03	1.09E-02	0.00E+00	-1.10E-03	8.78E-10	3.48E-08	7.14E-02	2.20E+00	0.00E+00	0.00E+00	5.41E+00	1.47E-02	1.53E+01	0.00E+00	1.24E-07	5.30E-08	3.25E-03	4.73E-07	1.03E+00	0.00E+00	1.53E+01	4.62E-06	1.53E+01	1.63E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+02
GD113U	5.91E-03	1.13E+00	2.84E-02	1.07E+00	0.00E+00	0.00E+00	4.33E+00	8.87E-06	2.44E-03	1.19E-02	0.00E+00	-1.16E-03	8.24E-10	2.68E-08	6.73E-02	1.95E+00	1.08E-07	0.00E+00	4.66E+00	1.33E-02	1.41E+01	0.00E+00	1.11E-07	4.70E-08	3.39E-03	3.76E-07	9.15E-01	0.00E+00	1.41E+01	4.08E-06	1.41E+01	1.48E+01	9.15E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
GD118A	6.19E-03	1.07E+00	3.38E-02	1.04E+00	0.00E+00	0.00E+00	4.63E+00	1.11E-05	2.00E-03	1.15E-02	0.00E+00	-7.34E-04	8.11E-10	2.03E-08	7.76E-02	2.09E+00	3.60E-07	0.00E+00	5.22E+00	9.87E-03	1.63E+01	0.00E+00	1.33E-07	5.46E-08	3.36E-03	3.67E-07	1.01E+00	0.00E+00	1.63E+01	5.24E-06	1.63E+01	1.74E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+02
GD118M	7.10E-03	1.52E+00	3.65E-02	1.42E+00	0.00E+00	0.00E+00	4.33E+00	1.04E-05	3.00E-03	1.38E-02	0.00E+00	-1.01E-03	8.37E-10	2.26E-08	6.39E-02	1.99E+00	5.30E-09	0.00E+00	4.81E+00	1.34E-02	1.46E+01	0.00E+00	1.17E-07	5.00E-08	3.89E-03	3.94E-07	9.30E-01	0.00E+00	1.46E+01	4.27E-06	1.46E+01	1.54E+01	9.30E-01	0.00E+00	0.00E+00	0.00E+00	1.60E+02
GD118S	9.52E-03	1.30E+00	4.88E-02	1.25E+00	0.00E+00	0.00E+00	6.27E+00	1.49E-05	3.98E-03	1.39E-02	0.00E+00	-1.47E-03	1.10E-09	4.15E-08	8.94E-02	2.77E+00	3.60E-07	0.00E+00	6.86E+00	1.96E-02	1.96E+01	0.00E+00	1.58E-07	6.83E-08	4.17E-03	6.23E-07	1.30E+00	0.00E+00	1.96E+01	6.16E-06	1.96E+01	2.09E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+02
GD213B	1.48E-02	2.69E+00	5.21E-02	2.64E+00	0.00E+00	0.00E+00	6.88E+00	1.44E-05	4.23E-03	2.39E-02	0.00E+00	-1.47E-03	1.25E-09	3.76E-08	7.96E-02	2.91E+00	3.60E-07	0.00E+00	6.72E+00	1.96E-02	1.91E+01	0.00E+00	1.62E-07	7.69E-08	6.23E-03	6.57E-07	1.31E+00	0.00E+00	1.91E+01	5.56E-06	1.91E+01	2.04E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+02
GD213D	7.76E-03	1.47E+00	4.54E-02	1.36E+00	0.00E+00	0.00E+00	5.06E+00	9.15E-06	3.18E-03	1.42E-02	0.00E+00	-1.22E-03	9.62E-10	2.92E-08	8.23E-02	2.32E+00	7.62E-05	0.00E+00	5.44E+00	1.97E-02	1.67E+01	0.00E+00	1.40E-07	6.00E-08	4.25E-03	5.19E-07	1.10E+00	0.00E+00	1.67E+01	3.80E-06	1.67E+01	1.75E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+02
GD213F	8.68E-03	1.67E+00	4.52E-02	1.65E+00	0.00E+00	0.00E+00	5.75E+00	9.72E-06	3.21E-03	1.60E-02	0.00E+00	-1.36E-03	9.83E-10	2.95E-08	8.35E-02	2.44E+00	2.20E-07	0.00E+00	5.64E+00	2.06E-02	1.70E+01	0.00E+00	1.42E-07	6.11E-08	4.33E-03	4.63E-07	1.12E+00	0.00E+00	1.70E+01	3.84E-06	1.70E+01	1.78E+01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+02
GD213H	8.23E-03	1.55E+00	4.81E-02	1.49E+00	0.00E+00	0.00E+00	5.91E+00	1.37E-05	3.14E-03	1.67E-02	0.00E+00	-1.44E-03	1.06E-09	2.91E-08	1.03E-01	2.58E+00	1.70E-04	0.00E+00	6.84E+00	2.10E-02	2.01E+01	0.00E+00	1.66E-07	6.58E-08	4.68E-03	7.34E-07	1.27E+00	0.00E+00	2.01E+01	5.44E-06	2.01E+01	2.07E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+02
GD213J	8.71E-03	1.53E+00	4.55E-02	1.42E+00	0.00E+00	0.00E+00	5.28E+00	9.36E-06	3.35E-03	1.47E-02	0.00E+00	-1.42E-03	9.68E-10	3.22E-08	8.35E-02	2.40E+00	2.17E-07	0.00E+00	5.54E+00	2.38E-02	1.70E+01	0.00E+00	1.41E-07	6.10E-08	4.31E-03	4.87E-07	1.12E+00	0.00E+00	1.70E+01	3.88E-06	1.70E+01	1.77E+01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+02
GD213M	8.67E-03	1.55E+00	4.55E-02	1.42E+00	0.00E+00	0.00E+00	5.42E+00	9.48E-06	3.30E-03	1.53E-02	0.00E+00	-1.32E-03	9.75E-10	3.18E-08	8.35E-02	2.41E+00	2.04E-07	0.00E+00	5.62E+00	1.78E-02	1.70E+01	0.00E+00	1.41E-07	6.11E-08	4.35E-03	4.81E-07	1.12E+00	0.00E+00	1.70E+01	3.87E-06	1.70E+01	1.78E+01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+02
GD213U	8.68E-03	1.67E+00	4.47E-02	1.65E+00	0.00E+00	0.00E+00	5.59E+00	1.21E-05	3.35E-03	1.52E-02	0.00E+00	-1.35E-03	9.90E-10	3.14E-08	8.41E-02	2.44E+00	2.20E-07	0.00E+00	5.95E+00	1.64E-02	1.78E+01	0.00E+00	1.45E-07	6.11E-08	4.26E-03	4.47E-07	1.16E+00	0.00E+00	1.78E+01	4.78E-06	1.78E+01	1.86E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+02
GD218A	8.89E-03	1.64E+00	5.17E-02	1.58E+00	0.00E+00	0.00E+00	7.68E+00	1.87E-05	2.55E-03	1.75E-02	0.00E+00	-1.10E-03	1.32E-09	2.69E-08	1.16E-01	3.17E+00	3.60E-07	0.00E+00	8.22E+00	1.48E-02	2.50E+01	0.00E+00	2.02E-07	8.38E-08	5.09E-03	5.51E-07	1.57E+00	0.00E+00	2.50E+01	8.26E-06	2.50E+01	2.66E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	2.57E+02
GD218B	1.25E-02	2.17E+00	6.74E-02	2.10E+00	0.00E+00	0.00E+00	9.20E+00	2.18E-05	4.54E-03	2.22E-02	0.00E+00	-1.84E-03	1.60E-09	4.66E-08	1.30E-01	3.90E+00	3.60E-07	0.00E+00	9.79E+00	2.45E-02	2.87E+01	0.00E+00	2.33E-07	1.00E-07	6.40E-03	8.20E-07	1.87E+00	0.00E+00	2.87E+01	9.19E-06	2.87E+01	3.05E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	3.14E+02
GD218M	1.20E-02	2.55E+00	6.54E-02	2.27E+00	0.00E+00	0.00E+00	7.99E+00	1.79E-05	3.44E-03	2.17E-02	0.00E+00	-1.38E-03	1.50E-09	4.71E-08	1.04E-01	3.49E+00	8.90E-09	0.00E+00	8.33E+00	2.04E-02	2.27E+01	0.00E+00	1.89E-07	8.60E-08	6.67E-03	7.90E-07	1.59E+00	0.00E+00	2.27E+01	7.09E-06	2.27E+01	2.45E+01	1.59E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+02
GD218S	1.36E-02	3.00E+00	6.81E-02	2.93E+00	0.00E+00	0.00E+00	8.96E+00	1.83E-05	5.84E-03	2.67E-02	0.00E+00	-2.20E-03	1.63E-09	5.57E-08	9.42E-02	3.56E+00	3.60E-07	0.00E+00	8.44E+00	2.94E-02	2.22E+01	0.00E+00	1.87E-07	8.90E-08	7.06E-03	9.20E-07	1.62E+00	0.00E+00	2.22E+01	6.02E-06	2.22E+01	2.38E+01	1.62E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+02
GD218SMB	8.18E-03	1.64E+00	6.11E-02	1.68E+00	0.00E+00	0.00E+00	5.35E+00	1.08E-05	2.47E-03	1.72E-02	0.00E+00	-2.33E-03	1.10E-09	2.31E-08	1.02E-01	2.69E+00	3.17E-06	0.00E+00	6.41E+00	3.81E-02	2.07E+01	0.00E+00	1.67E-07	6.81E-08	4.86E-03	1.16E-06	1.27E+00	0.00E+00	2.07E+01	5.06E-06	2.07E+01	2.16E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+02
GD313A	1.66E-02	3.01E+00	5.71E-02	2.95E+00	0.00E+00	0.00E+00	8.21E+00	1.66E-05	4.77E-03	2.67E-02	0.00E+00	-1.29E-03	1.50E-09	4.40E-08	9.17E-02	3.30E+00	3.60E-07	0.00E+00	7.76E+00	1.73E-02	2.14E+01	0.00E+00	1.82E-07	8.54E-08	6.93E-03	6.25E-07	1.51E+00	0.00E+00	2.14E+01	5.94E-06	2.14E+01	2.29E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+02

GD313B	1.97E-02	3.49E+00	7.03E-02	3.42E+00	0.00E+00	0.00E+00	9.49E+00	1.98E-05	5.66E-03	3.10E-02	0.00E+00	-2.02E-03	1.72E-09	5.16E-08	1.05E-01	3.87E+00	3.60E-07	0.00E+00	9.09E+00	2.70E-02	2.52E+01	0.00E+00	2.13E-07	1.01E-07	8.12E-03	8.91E-07	1.76E+00	0.00E+00	2.52E+01	7.26E-06	2.52E+01	2.69E+01	1.76E+00	0.00E+00	0.00E+00	0.00E+00	3.09E+02
GD313D	9.17E-03	1.72E+00	6.72E-02	1.75E+00	0.00E+00	0.00E+00	6.81E+00	1.40E-05	3.10E-03	1.76E-02	0.00E+00	-1.76E-03	1.27E-09	3.32E-08	1.14E-01	3.19E+00	8.26E-05	0.00E+00	8.01E+00	4.54E-02	2.38E+01	0.00E+00	1.96E-07	8.24E-08	5.37E-03	1.26E-06	1.52E+00	0.00E+00	2.38E+01	6.92E-06	2.38E+01	2.55E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+02
GD313F	1.42E-02	2.27E+00	6.57E-02	2.52E+00	0.00E+00	0.00E+00	7.78E+00	1.60E-05	4.11E-03	2.28E-02	0.00E+00	-1.88E-03	1.52E-09	3.87E-08	1.10E-01	3.41E+00	3.07E-07	0.00E+00	8.20E+00	4.49E-02	2.45E+01	0.00E+00	2.00E-07	8.56E-08	6.58E-03	1.14E-06	1.61E+00	0.00E+00	2.45E+01	7.04E-06	2.45E+01	2.57E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+02
GD313G	1.09E-02	1.71E+00	6.35E-02	1.64E+00	0.00E+00	0.00E+00	8.77E+00	2.02E-05	3.99E-03	1.82E-02	0.00E+00	-1.84E-03	1.53E-09	4.34E-08	1.23E-01	3.53E+00	3.60E-07	0.00E+00	9.10E+00	2.45E-02	2.59E+01	0.00E+00	2.10E-07	8.78E-08	5.34E-03	7.96E-07	1.73E+00	0.00E+00	2.59E+01	7.96E-06	2.59E+01	2.77E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+02
GD313H	1.25E-02	2.51E+00	6.91E-02	2.18E+00	0.00E+00	0.00E+00	8.40E+00	1.75E-05	3.57E-03	2.04E-02	0.00E+00	-1.49E-03	1.67E-09	4.56E-08	1.16E-01	3.57E+00	1.81E-04	0.00E+00	8.86E+00	2.33E-02	2.51E+01	0.00E+00	2.07E-07	8.98E-08	6.39E-03	9.52E-07	1.70E+00	0.00E+00	2.51E+01	7.28E-06	2.51E+01	2.70E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	2.77E+02
GD313J	1.01E-02	1.77E+00	6.50E-02	1.83E+00	0.00E+00	0.00E+00	6.98E+00	1.42E-05	3.37E-03	1.81E-02	0.00E+00	-1.87E-03	1.28E-09	3.62E-08	1.14E-01	3.25E+00	2.45E-07	0.00E+00	8.12E+00	4.47E-02	2.43E+01	0.00E+00	1.97E-07	8.28E-08	5.42E-03	1.14E-06	1.55E+00	0.00E+00	2.43E+01	7.03E-06	2.43E+01	2.58E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+02
GD313M	1.30E-02	2.54E+00	6.70E-02	2.30E+00	0.00E+00	0.00E+00	8.45E+00	1.74E-05	4.86E-03	2.07E-02	0.00E+00	-1.89E-03	1.72E-09	4.69E-08	1.09E-01	3.53E+00	2.91E-07	0.00E+00	8.74E+00	4.62E-02	2.48E+01	0.00E+00	2.02E-07	8.83E-08	6.36E-03	1.21E-06	1.67E+00	0.00E+00	2.48E+01	7.33E-06	2.48E+01	2.61E+01	1.67E+00	0.00E+00	0.00E+00	0.00E+00	2.80E+02
GD313S	1.20E-02	1.75E+00	6.61E-02	1.68E+00	0.00E+00	0.00E+00	9.22E+00	2.10E-05	4.78E-03	1.86E-02	0.00E+00	-1.84E-03	1.61E-09	5.18E-08	1.25E-01	3.72E+00	3.60E-07	0.00E+00	9.53E+00	2.45E-02	2.65E+01	0.00E+00	2.14E-07	9.07E-08	5.52E-03	8.00E-07	1.80E+00	0.00E+00	2.65E+01	8.02E-06	2.65E+01	2.83E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+02
GD313U	1.53E-02	2.87E+00	6.77E-02	2.86E+00	0.00E+00	0.00E+00	8.44E+00	1.76E-05	5.09E-03	2.49E-02	0.00E+00	-1.67E-03	1.67E-09	4.88E-08	1.09E-01	3.60E+00	2.23E-07	0.00E+00	8.68E+00	2.47E-02	2.39E+01	0.00E+00	1.97E-07	8.93E-08	6.90E-03	8.25E-07	1.69E+00	0.00E+00	2.39E+01	6.94E-06	2.39E+01	2.56E+01	1.69E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+02
GD318A	1.38E-02	2.23E+00	7.31E-02	2.16E+00	0.00E+00	0.00E+00	1.11E+01	2.68E-05	4.73E-03	2.39E-02	0.00E+00	-1.47E-03	1.91E-09	5.14E-08	1.55E-01	4.53E+00	3.60E-07	0.00E+00	1.17E+01	1.97E-02	3.40E+01	0.00E+00	2.74E-07	1.17E-07	7.04E-03	7.37E-07	2.21E+00	0.00E+00	3.40E+01	1.12E-05	3.40E+01	3.62E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	3.74E+02
GD318B	2.52E-02	4.32E+00	9.10E-02	4.23E+00	0.00E+00	0.00E+00	1.23E+01	2.52E-05	7.51E-03	3.82E-02	0.00E+00	-2.75E-03	2.24E-09	7.02E-08	1.29E-01	4.86E+00	3.60E-07	0.00E+00	1.15E+01	3.67E-02	3.07E+01	0.00E+00	2.59E-07	1.24E-07	1.00E-02	1.18E-06	2.21E+00	0.00E+00	3.07E+01	8.51E-06	3.07E+01	3.30E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	3.94E+02
GD318M	1.29E-02	2.72E+00	8.34E-02	2.92E+00	0.00E+00	0.00E+00	8.43E+00	1.96E-05	3.68E-03	2.94E-02	0.00E+00	-1.40E-03	1.57E-09	4.89E-08	1.48E-01	4.39E+00	8.90E-09	0.00E+00	9.77E+00	2.07E-02	3.27E+01	0.00E+00	2.63E-07	1.15E-07	8.00E-03	7.95E-07	1.93E+00	0.00E+00	3.27E+01	9.78E-06	3.27E+01	3.47E+01	1.93E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+02
GD318S	1.64E-02	2.28E+00	9.02E-02	2.19E+00	0.00E+00	0.00E+00	1.24E+01	2.85E-05	6.77E-03	2.42E-02	0.00E+00	-2.75E-03	2.16E-09	7.37E-08	1.58E-01	4.93E+00	3.60E-07	0.00E+00	1.27E+01	3.67E-02	3.43E+01	0.00E+00	2.76E-07	1.19E-07	7.22E-03	1.15E-06	2.38E+00	0.00E+00	3.43E+01	1.05E-05	3.43E+01	3.67E+01	2.38E+00	0.00E+00	0.00E+00	0.00E+00	4.11E+02
GD413B	2.33E-02	4.12E+00	8.42E-02	4.04E+00	0.00E+00	0.00E+00	1.16E+01	2.41E-05	6.72E-03	3.66E-02	0.00E+00	-2.39E-03	2.10E-09	6.22E-08	1.25E-01	4.61E+00	3.60E-07	0.00E+00	1.10E+01	3.19E-02	2.98E+01	0.00E+00	2.51E-07	1.19E-07	9.56E-03	1.05E-06	2.11E+00	0.00E+00	2.98E+01	8.44E-06	2.98E+01	3.19E+01	2.11E+00	0.00E+00	0.00E+00	0.00E+00	3.73E+02
GD413D	1.33E-02	2.59E+00	7.14E-02	2.21E+00	0.00E+00	0.00E+00	8.39E+00	1.82E-05	3.63E-03	2.40E-02	0.00E+00	-1.50E-03	1.64E-09	4.65E-08	1.27E-01	3.62E+00	1.81E-04	0.00E+00	9.23E+00	2.29E-02	2.69E+01	0.00E+00	2.24E-07	9.85E-08	7.01E-03	1.00E-06	1.76E+00	0.00E+00	2.69E+01	8.63E-06	2.69E+01	2.92E+01	1.76E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+02
GD413F	1.57E-02	2.82E+00	6.99E-02	2.82E+00	0.00E+00	0.00E+00	8.82E+00	1.85E-05	5.01E-03	2.74E-02	0.00E+00	-2.12E-03	1.85E-09	4.75E-08	1.33E-01	3.79E+00	1.52E-06	0.00E+00	9.47E+00	4.40E-02	2.87E+01	0.00E+00	2.41E-07	1.09E-07	7.46E-03	1.18E-06	1.82E+00	0.00E+00	2.87E+01	8.63E-06	2.87E+01	3.18E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+02
GD413J	1.45E-02	2.67E+00	6.96E-02	2.35E+00	0.00E+00	0.00E+00	8.64E+00	1.83E-05	5.06E-03	2.45E-02	0.00E+00	-1.92E-03	1.79E-09	4.76E-08	1.26E-01	3.65E+00	2.38E-07	0.00E+00	9.38E+00	4.30E-02	2.69E+01	0.00E+00	2.25E-07	9.86E-08	7.06E-03	1.15E-06	1.77E+00	0.00E+00	2.69E+01	8.71E-06	2.69E+01	2.89E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+02
GD413M	1.37E-02	2.64E+00	7.15E-02	2.31E+00	0.00E+00	0.00E+00	8.63E+00	1.85E-05	5.10E-03	2.49E-02	0.00E+00	-1.90E-03	1.80E-09	4.79E-08	1.39E-01	3.68E+00	2.28E-07	0.00E+00	9.56E+00	4.57E-02	2.90E+01	0.00E+00	2.44E-07	1.10E-07	7.51E-03	1.23E-06	1.82E+00	0.00E+00	2.90E+01	9.30E-06	2.90E+01	3.23E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	2.90E+02
GD413U	1.60E-02	2.89E+00	7.21E-02	2.80E+00	0.00E+00	0.00E+00	8.66E+00	1.85E-05	5.19E-03	2.73E-02	0.00E+00	-1.67E-03	1.70E-09	4.86E-08	1.32E-01	3.78E+00	2.16E-07	0.00E+00	9.29E+00	2.44E-02	2.84E+01	0.00E+00	2.38E-07	1.08E-07	7.50E-03	8.43E-07	1.81E+00	0.00E+00	2.84E+01	8.60E-06	2.84E+01	3.15E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+02
GD418A	1.63E-02	2.66E+00	8.91E-02	2.57E+00	0.00E+00	0.00E+00	1.38E+01	3.27E-05	5.50E-03	2.85E-02	0.00E+00	-1.84E-03	2.36E-09	6.10E-08	1.87E-01	5.43E+00	3.60E-07	0.00E+00	1.42E+01	2.47E-02	4.06E+01	0.00E+00	3.27E-07	1.39E-07	8.36E-03	9.08E-07	2.68E+00	0.00E+00	4.06E+01	1.32E-05	4.06E+01	4.33E+01	2.68E+00	0.00E+00	0.00E+00	0.00E+00	4.54E+02
GD418B	2.18E-02	3.60E+00	1.21E-01	3.48E+00	0.00E+00	0.00E+00	1.67E+01	3.84E-05	8.52E-03	3.66E-02	0.00E+00	-3.67E-03	2.90E-09	9.03E-08	2.10E-01	6.63E+00	3.60E-07	0.00E+00	1.69E+01	4.90E-02	4.66E+01	0.00E+00	3.77E-07	1.65E-07	1.05E-02	1.55E-06	3.18E+00	0.00E+00	4.66E+01	1.45E-05	4.66E+01	4.97E+01	3.18E+00	0.00E+00	0.00E+00	0.00E+00	5.52E+02
GD418M	1.54E-02	3.64E+00	1.00E-01	3.58E+00	0.00E+00	0.00E+00	1.16E+01	2.55E-05	4.17E-03	3.31E-02	0.00E+00	-1.56E-03	2.02E-09	5.77E-08	1.69E-01	4.88E+00	8.64E-09	0.00E+00	1.23E+01	2.40E-02	3.59E+01	0.00E+00	2.99E-07	1.26E-07	8.87E-03	9.74E-07	2.37E+00	0.00E+00	3.59E+01	1.04E-05	3.59E+01	3.84E+01	2.37E+00	0.00E+00	0.00E+00	0.00E+00	3.89E+02
GD418S	2.69E-02	4.42E+00	9.81E-02	4.33E+00	0.00E+00	0.00E+00	1.41E+01	2.87E-05	8.02E-03	3.94E-02	0.00E+00	-2.75E-03	2.54E-09	7.80E-08	1.42E-01	5.27E+00	3.60E-07	0.00E+00	1.29E+01	3.68E-02	3.32E+01	0.00E+00	2.78E-07	1.32E-07	1.04E-02	1.20E-06	2.45E+00	0.00E+00	3.32E+01	8.99E-06	3.32E+01	3.56E+01	2.45E+00	0.00E+00	0.00E+00	0.00E+00	4.38E+02
GD418SMB	1.09E-02	2.52E+00	7.64E-02	2.17E+00	0.00E+00	0.00E+00	9.59E+00	1.96E-05	2.70E-03	2.43E-02	0.00E+00	-1.64E-03	1.85E-09	2.50E-08	1.43E-01	3.97E+00	3.17E-06	0.00E+00	1.01E+01	3.75E-02	2.87E+01	0.00E+00	2.49E-07	1.02E-07	7.20E-03	1.22E-06	1.91E+00	0.00E+00	2.87E+01	8.95E-06	2.87E+01	3.29E+01	1.91E+00	0.00E+00	0.00E+00	0.00E+00	3.21E+02
GL24PP	1.42E-02	3.28E+00	8.08E-02	3.35E+00	0.00E+00	0.00E+00	9.29E+00	1.78E-05	4.76E-03	3.19E-02	0.00E+00	-3.04E-03	1.90E-09	3.49E-08	1.44E-01	4.21E+00	6.22E-05	0.00E+00	9.85E+00	4.08E-02	3.07E+01	0.00E+00	2.51E-07	1.10E-07	8.32E-03	1.37E-06	1.93E+00	0.00E+00	3.07E+01	8.20E-06	3.07E+01	3.30E+01	1.93E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+02
GL24TP	1.30E-02	3.38E+00	3.76E-01	3.64E+00	0.00E+00	0.00E+00	7.66E+00	1.65E-05	4.64E-03	3.32E-02	0.00E+00	-3.44E-02	1.53E-09	3.50E-08	1.16E-01	2.92E+00	7.99E-05	0.00E+00	7.70E+00	5.18E-01	2.32E+01	0.00E+00	2.20E-07	8.81E-08	8.43E-03	8.02E-06	9.95E-01	0.00E+00	2.32E+01	9.66E-07	2.32E+01	2.64E+01	9.95E-01	0.00E+00	0.00E+00	0.00E+00	2.49E+02
GL42PP	1.56E-02	3.77E+00	1.10E-01	4.32E+00	0.00E+00	0.00E+00	1.28E+01	2.72E-05	5.47E-03	3.80E-02	0.00E+00	-3.87E-03	2.59E-09	4.72E-08	2.14E-01	6.52E+00	5.85E-05	0.00E+00	1.42E+01	5.45E-02	4.30E+01	0.00E+00	3.47E-07	1.48E-07	1.01E-02	1.68E-06	3.03E+00	0.00E+00	4.30E+01	1.23E-05	4.30E+01	4.77E+01	3.03E+00	0.00E+00	0.00E+00	0.00E+00	4.42E+02
GL42TP	1.45E-02	3.76E+00	4.07E-01	4.32E+00	0.00E+00	0.00E+00	1.02E+01	2.52E-05	5.43E-03	3.79E-02	0.00E+00	-3.52E-02	2.37E-09	4.73E-08	1.53E-01	3.98E+00	7.57E-05	0.00E+00	1.14E+01	5.31E-01	3.16E+01	0.00E+00	2.89E-07	1.14E-07	9.93E-03	8.40E-06	1.68E+00	0.00E+00	3.16E+01	4.61E-06	3.16E+01	3.65E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	3.69E+02
GP102P	1.35E-04	2.43E-02	4.29E-04	2.39E-02	0.00E+00	0.00E+00	7.09E-02	3.08E-07	2.36E-05	2.67E-04	0.00E+00	6.44E-21	9.27E-12	1.66E-10	1.19E-03	4.33E-02	0.00E+00	0.00E+00	1.05E-01	3.11E-06	3.80E-01	0.00E+00	3.00E-09	1.46E-09	8.30E-05	2.22E-09	1.93E-02	0.00E+00	3.80E-01	1.92E-07	3.80E-01	3.99E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	3.82E+00
GP104T	2.78E-04	5.02E-02	1.29E-03	4.43E-02	0.00E+00	0.00E+00	1.51E-01	6.06E-07	5.48E-05	4.75E-04	0.00E+00	-1.87E-04	1.99E-11	6.25E-10	2.27E-03	8.91E-02	1.37E-07	0.00E+00	2.06E-01	1.97E-03	6.86E-01	0.00E+00	5.22E-09	2.67E-09	1.56E-04	7.86E-08	3.72E-02	0.00E+00	6.86E-01	1.64E-07	6.86E-01	7.15E-01	3.72E-02	0.00E+00	0.00E+00	0.00E+00	7.80E+00
GP108T	4.59E-04	7.53E-02	1.31E-03	6.93E-02	0.00E+00	0.00E+00	2.21E-01	1.34E-06	8.07E-05	7.21E-04	0.00E+00	-4.55E-04	2.86E-11	8.39E-10	3.70E-03	1.38E-01	1.37E-07	0.00E+00	3.70E-01	1.89E-03	1.28E+00	0.00E+00	8.66E-09	4.15E-09	2.51E-04	8.33E-08	6.04E-02	0.00E+00	1.28E+00	5.25E-07	1.28E+00	1.31E+00	6.04E-02	0.00E+00	0.00E+00	0.00E+00	1.60E+01
GP110T	5.12E-04	8.87E-02	1.42E-03	8.68E-02	0.00E+00	0.00E+00	2.69E-01	1.47E-06	8.57E-05	9.45E-04	0.00E+00	-8.37E-06	3.42E-11	6.59E-10	4.65E-03	1.58E-01	1.68E-07	0.00E+00	4.23E-01	2.02E-04	1.50E+00	0.00E+00	1.07E-08	4.87E-09	3.05E-04	8.81E-09	7.09E-02	0.00E+00	1.50E+00	8.33E-07	1.50E+00	1.61E+00	7.09E-02	0.00E+00	0.00E+00	0.00E+00	1.74E+01
GP111T	2.54E-03	6.92E-01	8.87E-03	4.65E-01	0.00E+00	0.00E+00	1.23E+00	5.41E-06	5.91E-04	5.28E-03	0.00E+00	-1.40E-03	2.00E-10	3.54E-09	1.95E-02	6.62E-01	4.71E-05	0.00E+00	1.65E+00	1.33E-02	5.58E+00	0.00E+00	4.24E-08	2.16E-08	1.63E-03	2.90E-07	2.92E-01	0.00E+00	5.58E+00	2.99E-06	5.58E+00	5.99E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	6.04E+01
GP112PN	2.94E-03	6.81E-01	1.14E-02	6.70E-01	0.00E+00	0.00E+00	1.57E+00	5.25E-06	6.07E-04	6.96E-03	0.00E+00	5.41E-05	4.91E-10	3.70E-09	3.30E-02	9.62E-01	1.83E-04	0.00E+00	2.21E+00	9.97E-04	8.34E+00	0.00E+00	6.81E-08	3.05E-08	1.98E-03	1.71E-07	4.36E-01	0.00E+00	8.34E+00	3.46E-06	8.34E+00	8.78E+00	4.36E-01	0.00E+00	0.00E+00	0.00E+00	7.19E+01
GP112TN	2.75E-03	6.10E-01	1.71E-02	4.71E-01	0.00E+00	0.00E+00	1.36E+00	4.62E-06	6.10E-04	5.42E-03	0.00E+00	-1.31E-03	2.27E-10	3.62E-09	2.12E-02	7.82E-01	8.99E-05	0.00E+00	1.78E+00	1.27E-02	6.16E+00	0.00E+00	5.20E-08	2.43E-08	1.66E-03	2.63E-07	3.57E-01	0.00E+00	6.16E+00	2.73E-06	6.16E+00	6.41E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	5.99E+01
GP113P	1.87E-03	3.38E-01	5.96E-03	3.32E-01	0.00E+00	0.00E+00	9.85E-01	4.28E-06	3.28E-04	3.72E-03	0.00E+00	8.95E-20	1.29E-10	2.30E-09	1.65E-02	6.02E-01	0.00E+00	0.00E+00	1.46E+00	4.33E-05	5.28E+00	0.00E+00	4.16E-08	2.03E-08	1.15E-03	3.08E-08	2.68E-01	0.00E+00	5.28E+00	2.67E-06	5.28E+00	5.55E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.31E+01
GP113T	1.44E-03	2.68E-01	7.40E-03	2.43E-01	0.00E+00	0.00E+00	7.89E-01	4.27E-06	3.49E-04	2.69E-03	0.00E+00	-3.50E-04	1.07E-10	2.56E-09	1.75E-02	5.19E-01	4.73E-07	0.00E+00	1.32E+00	7.38E-03	4.76E+00	0.00E+00	3.76E-08	1.70E-08	8.81E-04	5.68E-08	2.34E-01	0.00E+00	4.76E+00	2.38E-06	4.76E+00	4.95E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	4.58E+01
GP213P	2.65E-03	4.79E-01	8.45E-03	4.71E-01	0.00E+00	0.00E+00	1.40E+00	6.06E-06	4.64E-04	5.26E-03	0.00E+00	1.27E-19	1.83E-10	3.26E-09	2.34E-02	8.52E-01	0.00E+00	0.00E+00	2.06E+00	6.13E-05	7.48E+00	0.00E+00	5.90E-08	2.88E-08	1.63E-03	4.37E-08	3.80E-01	0.00E+00	7.48E+00	3.79E-06	7.48E+00	7.86E+00	3.80E-01	0.00E+00	0.00E+00	0.00E+00	7.52E+01
GP213T	2.32E-03	4.84E-01	8.10E-03	4.44E-01	0.00E+00	0.00E+00	1.12E+00	4.52E-06	4.22E-04	5.28E-03	0.00E+00	-2.61E-04	1.42E-10	3.07E-09	1.97E-02	6.45E-01	5.30E-09	0.00E+00	1.57E+00	7.30E-03	5.65E+00	0.00E+00	4.37E-08	2.13E-08	1.34E-03	6.96E-08	2.87E-01	0.00E+00	5.65E+00	2.89E-06	5.65E+00	5.97E+00	2.87E-01	0.00E+00	0.00E+00	0.00E+00	5.71E+01
GP218P	4.03E-03	7.29E-01	1.29E-02	7.17E-01	0.00E+00	0.00E+00	2.13E+00	9.22E-06	7.07E-04	8.01E-03	0.00E+00	1.93E-19	2.78E-10	4.97E-09	3.57E-02	1.30E+00	0.00E+00	0.00E+00	3.14E+00	9.33E-05	1.14E+01	0.00E+00	8.98E-08	4.38E-08	2.49E-03	6.65E-08	5.79E-01	0.00E+00	1.14E+01	5.77E-06	1.14E+01	1.20E+01	5.79E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
GP218T	3.21E-03	6.35E-01	1.13E-02	5.48E-01	0.00E+00	0.00E+00	1.48E+00	6.61E-06	6.54E-04	5.90E-03	0.00E+00	-3.69E-05	2.36E-10	3.68E-09	2.42E-02	8.38E-01	5.30E-09	0.00E+00	2.09E+00	5.31E-04	7.27E+00	0.00E+00	5.78E-08	2.62E-08	1.69E-03	6.17E-08	3.97E-01	0.00E+00	7.27E+00	3.49E-06	7.27E+00	7.80E+00	3.97E-01	0.00E+00	0.00E+00	0.00E+00	7.34E+01
GP313P	3.45E-03	6.24E-01	1.10E-02	6.13E-01	0.00E+00	0.00E+00	1.82E+00	7.89E-06	6.05E-04	6.86E-03	0.00E+00	1.65E-19	2.38E-10	4.25E-09	3.05E-02	1.11E+00	0.00E+00	0.00E+00	2.69E+00	7.99E-05	9.75E+00	0.00E+00	7.69E-08	3.75E-08	2.13E-03	5.69E-08	4.95E-01	0.00E+00	9.75E+00	4.94E-06	9.75E+00	1.02E+01	4.95E-01	0.00E+00	0.00E+00	0.00E+00	9.80E+01
GP313T	3.20E-03	6.36E-01	1.14E-02	5.72E-01	0.00E+00	0.00E+00	1.61E+00	6.21E-06	6.08E-04	7.71E-03	0.00E+00	-3.04E-04	2.64E-10	4.00E-09	2.27E-02	8.41E-01	8.75E-08	0.00E+00	2.12E+00	6.72E-03	7.11E+00	0.00E+00	5.81E-08	2.85E-08	2.00E-03	7.00E-08	4.01E-01	0.00E+00	7.11E+00	3.54E-06	7.11E+00	7.48E+00	4.01E-01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
GP318T	4.46E-03	8.32E-01	1.57E-02	8.79E-01	0.00E+00	0.00E+00	2.13E+00	8.16E-06	7.52E-04	9.41E-03	0.00E+00	-1.14E-03	4.12E-10	5.16E-09	3.81E-02	1.26E+00	2.17E-07	0.00E+00	3.11E+00	2.28E-03	1.11E+01	0.00E+00	9.03E-08	4.21E-08	2.42E-03	1.38E-07	5.87E-01	0.00E+00	1.11E+01	5.03E-06	1.11E+01	1.17E+01	5.87E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+02
GP413P	4.78E-03	8.65E-01	1.53E-02	8.50E-01	0.00E+00	0.00E+00	2.52E+00	1.09E-05	8.38E-04	9.50E-03	0.00E+00	2.29E-19	3.30E-10	5.89E-09	4.23E-02	1.54E+00	0.00E+00	0.00E+00	3.72E+00	1.11E-04	1.35E+01	0.00E+00	1.06E-07	5.19E-08	2.95E-03	7.88E-08	6.86E-01	0.00E+00	1.35E+01	6.84E-06	1.35E+01	1.42E+01	6.86E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
GP418P	7.12E-03	1.29E+00	2.27E-02	1.27E+00	0.00E+00	0.00E+00	3.75E+00	1.63E-05	1.25E-03	1.42E-02	0.00E+00	3.41E-19	4.91E-10	8.77E-09	6.30E-02	2.29E+00	0.00E+00	0.00E+00	5.54E+00	1.65E-04	2.01E+01	0.00E+00	1.59E-07	7.73E-08	4.39E-03	1.17E-07	1.02E+00	0.00E+00	2.01E+01	1.02E-05	2.01E+01	2.11E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+02
GP418PM	6.75E-03	1.22E+00	2.96E-02	1.17E+00	0.00E+00	0.00E+00	3.59E+00	1.15E-05	1.73E-03	1.30E-02	0.00E+00	-4.59E-05	7.15E-10	9.31E-09	6.39E-02	2.09E+00	5.30E-09	0.00E+00	4.65E+00	1.09E-03	1.71E+01	0.00E+00	1.29E-07	6.29E-08	3.83E-03	1.26E-07	9.14E-01	0.00E+00	1.71E+01	6.03E-06	1.71E+01	1.80E+01	9.14E-01	0.00E+00	0.00E+00	0.00E+00	1.61E+02
GP418T	6.23E-03	1.19E+00	2.25E-02	1.12E+00	0.00E+00	0.00E+00	3.68E+00	1.17E-05	1.46E-03	1.25E-02	0.00E+00	-3.86E-05	7.14E-10	9.56E-09	6.23E-02	2.03E+00	5.30E-09	0.00E+00	4.63E+00	4.83E-04	1.66E+01	0.00E+00	1.25E-07	6.09E-08	3.70E-03	1.19E-07	9.03E-01	0.00E+00	1.66E+01	6.18E-06	1.66E+01	1.75E+01	9.03E-01	0.00E+00	0.00E+00	0.00E+00	1.60E+02
GR013CN	1.11E-03	2.88E-01	7.54E-03	3.03E-01	0.00E+00	0.00E+00	6.35E-01	1.08E-06	2.88E-04	2.53E-03	0.00E+00	-1.11E-03	1.21E-10	2.06E-09	1.48E-02	3.22E-01	1.10E-06	0.00E+00	8.48E-01	1.83E-02	2.75E+00	0.00E+00	2.41E-08	8.88E-09	7.51E-04	4.14E-07	1.95E-01	0.00E+00	2.75E+00	8.03E-07	2.75E+00	2.96E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	1.96E+01
GR118AN	1.40E-03	4.69E-01	9.28E-03	5.45E-01	0.00E+00	0.00E+00	7.35E-01	1.10E-06	3.05E-04	4.13E-03	0.00E+00	-1.85E-03	1.36E-10	2.31E-09	1.49E-02	3.34E-01	9.84E-07	0.00E+00	8.68E-01	1.55E-02	2.89E+00	0.00E+00	2.50E-08	9.32E-09	1.10E-03	4.28E-07	1.94E-01	0.00E+00	2.89E+00	7.75E-07	2.89E+00	3.14E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+01
GR218AN	2.55E-03	8.03E-01	1.68E-02	6.95E-01	0.00E+00	0.00E+00	1.35E+00	1.51E-06	6.56E-04	6.66E-03	0.00E+00	-8.40E-04	2.77E-10	3.84E-09	2.20E-02	5.94E-01	5.30E-09	0.00E+00	1.26E+00	1.31E-02	4.14E+00	0.00E+00	3.94E-08	1.61E-08	1.78E-03	4.23E-07	3.01E-01	0.00E+00	4.14E+00	1.13E-06	4.14E+00	4.30E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	3.08E+01
GR318AN	2.91E-03	8.69E-01	1.87E-02	7.84E-01	0.00E+00	0.00E+00	1.76E+00	2.02E-06	6.85E-04	7.91E-03	0.00E+00	-9.10E-04	3.29E-10	4.77E-09	2.56E-02	8.19E-01	1.08E-06	0.00E+00	1.74E+00	1.44E-02	5.90E+00	0.00E+00	5.34E-08	2.34E-08	2.12E-03	4.10E-07	3.94E-01	0.00E+00	5.90E+00	1.77E-06	5.90E+00	6.17E+00	3.94E-01	0.00E+00	0.00E+00	0.00E+00	4.57E+01
GR413AN	3.00E-03	8.57E-01	2.04E-02	8.24E-01	0.00E+00	0.00E+00	2.08E+00	2.77E-06	6.83E-04	8.53E-03	0.00E+00	-1.06E-03	4.24E-10	5.17E-09	3.50E-02	1.08E+00	5.30E-09	0.00E+00	2.11E+00	2.21E-02	7.64E+00	0.00E+00	6.89E-08	3.03E-08	2.14E-03	4.34E-07	5.02E-01	0.00E+00	7.64E+00	2.18E-06	7.64E+00	8.12E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	5.47E+01
GR418AN	3.11E-03	8.69E-01	2.12E-02	8.86E-01	0.00E+00	0.00E+00	2.18E+00	2.91E-06	7.03E-04	8.55E-03	0.00E+00	-8.34E-04	4.62E-10	5.50E-09	3.75E-02	1.09E+00	5.30E-09	0.00E+00	2.00E+00	1.35E-02	7.68E+00	0.00E+00	6.90E-08	3.05E-08	2.18E-03	3.97E-07	4.70E-01	0.00E+00	7.68E+00	2.26E-06	7.68E+00	8.18E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
GR71AN	3.73E-04	9.81E-02	4.02E-03	1.36E-01	0.00E+00	0.00E+00	2.44E-01	5.66E-07	1.04E-04	8.28E-04	0.00E+00	-4.35E-04	4.30E-11	7.25E-10	6.35E-03	1.21E-01	5.30E-09	0.00E+00	3.32E-01	5.91E-03	1.19E+00	0.00E+00	1.03E-08	3.14E-09	2.40E-04	2.50E-07	6.46E-02	0.00E+00	1.19E+00	3.24E-07	1.19E+00	1.31E+00	6.46E-02	0.00E+00	0.00E+00	0.00E+00	8.53E+00
GR72AN	4.32E-03	1.04E+00	1.66E-02	1.07E+00	0.00E+00	0.00E+00	2.17E+00	3.74E-06	7.86E-04	1.25E-02	0.00E+00	2.00E-06	4.70E-10	5.46E-09	3.73E-02	1.25E+00	8.79E-05	0.00E+00	2.24E+00	1.17E-03	8.36E+00	0.00E+00	7.35E-08	3.56E-08	3.09E-03	1.55E-07	4.94E-01	0.00E+00	8.36E+00	2.47E-06	8.36E+00	8.82E+00	4.94E-01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
GS118D	6.49E-04	1.25E-01	4.01E-03	1.47E-01	0.00E+00	0.00E+00	4.77E-01	7.77E-07	1.09E-04	9.77E-04	0.00E+00	-2.75E-04	1.06E-10	2.06E-09	1.35E-02	2.60E-01	1.87E-07	0.00E+00	5.93E-01	2.97E-03	2.44E+00	0.00E+00	2.01E-08	6.51E-09	3.27E-04	1.08E-07	1.32E-01	0.00E+00	2.44E+00	4.38E-07	2.44E+00	2.59E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	1.42E+01
GS213D	5.76E-04	8.72E-02	2.57E-03	1.05E-01	0.00E+00	0.00E+00	2.96E-01	9.86E-07	1.01E-04	9.70E-04	0.00E+00	-8.88E-04	7.22E-11	1.80E-09	5.06E-03	1.54E-01	5.81E-07	0.00E+00	3.50E-01	1.23E-02	1.32E+00	0.00E+00	1.11E-08	4.76E-09	2.64E-04	3.42E-07	6.92E-02	0.00E+00	1.32E+00	4.62E-07	1.32E+00	1.37E+00	6.92E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
GS218D	1.23E-03	2.04E-01	5.93E-03	2.10E-01	0.00E+00	0.00E+00	5.86E-01	1.05E-06	3.54E-04	2.55E-03	0.00E+00	-2.75E-04	1.27E-10	2.69E-09	1.45E-02	3.63E-01	9.62E-08	0.00E+00	7.05E-01	2.25E-03	2.79E+00	0.00E+00	2.58E-08	1.10E-08	8.06E-04	1.23E-07	1.57E-01	0.00E+00	2.79E+00	6.05E-07	2.79E+00	3.02E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	2.02E+01
GS318D	1.01E-03	2.86E-01	6.01E-03	2.97E-01	0.00E+00	0.00E+00	5.37E-01	9.51E-07	2.67E-04	2.54E-03	0.00E+00	-2.75E-04	1.11E-10	2.52E-09	1.42E-02	3.19E-01	1.27E-07	0.00E+00	6.49E-01	2.98E-03	2.71E+00	0.00E+00	2.35E-08	8.81E-09	7.15E-04	1.22E-07	1.47E-01	0.00E+00	2.71E+00	6.10E-07	2.71E+00	2.94E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	1.76E+01
GS418D	1.09E-03	3.34E-01	6.16E-03	3.42E-01	0.00E+00	0.00E+00	6.19E-01	9.62E-07	2.88E-04	3.41E-03	0.00E+00	-2.78E-04	1.18E-10	2.73E-09	1.44E-02	3.40E-01	1.27E-07	0.00E+00	6.75E-01	2.98E-03	2.88E+00	0.00E+00	2.44E-08	9.47E-09	8.48E-04	1.23E-07	1.56E-01	0.00E+00	2.88E+00	6.84E-07	2.88E+00	3.09E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	1.83E+01
GZ07E	3.52E-04	9.67E-02	1.60E-03	6.88E-02	0.00E+00	0.00E+00	1.25E-01	4.39E-07	9.58E-05	9.24E-04	0.00E+00	-1.46E-03	2.06E-11	6.43E-10	1.66E-03	6.05E-02	1.68E-07	0.00E+00	1.53E-01	4.11E-03	4.22E-01	0.00E+00	3.81E-09	1.89E-09	2.50E-04	1.49E-07	2.51E-02	0.00E+00	4.22E-01	4.88E-08	4.22E-01	4.52E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	5.53E+00
GZ08A	2.74E-04	5.74E-02	3.01E-03	9.02E-02	0.00E+00	0.00E+00	1.23E-01	3.96E-07	9.00E-05	3.33E-04	0.00E+00	-1.62E-03	2.59E-11	8.49E-10	1.43E-03	6.18E-02	7.81E-07	0.00E+00	1.60E-01	7.57E-03	4.12E-01	0.00E+00	3.73E-09	1.85E-09	1.11E-04	3.10E-07	2.58E-02	0.00E+00	4.12E-01	1.21E-08	4.12E-01	4.81E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	5.20E+00
GZ213S	1.29E-02	6.19E+00	1.48E+00	3.08E+00	0.00E+00	0.00E+00	1.48E+01	2.69E-05	3.29E-03	2.17E-02	0.00E+00	-5.04E-02	2.48E-09	2.49E-08	2.37E-01	8.27E+00	2.92E-05	0.00E+00	1.61E+01	5.37E-01	4.84E+01	0.00E+00	3.98E-07	1.84E-07	7.69E-03	1.79E-05	4.21E+00	0.00E+00	4.84E+01	1.62E-06	4.84E+01	5.76E+01	4.21E+00	0.00E+00	0.00E+00	0.00E+00	4.29E+02
GZ30A	3.35E-04	4.45E-02	1.45E-03	4.82E-02	0.00E+00	0.00E+00	1.66E-01	5.29E-07	5.33E-05	4.14E-04	0.00E+00	-9.82E-04	2.65E-11	1.71E-09	1.59E-03	8.41E-02	3.83E-07	0.00E+00	2.10E-01	1.71E-02	6.02E-01	0.00E+00	5.16E-09	2.37E-09	1.46E-04	2.86E-07	3.60E-02	0.00E+00	6.02E-01	4.02E-08	6.02E-01	6.56E-01	3.60E-02	0.00E+00	0.00E+00	0.00E+00	7.76E+00
GZ30S	6.33E-04	7.79E-02	3.25E-03	9.75E-02	0.00E+00	0.00E+00	4.55E-01	7.49E-07	9.37E-05	7.52E-04	0.00E+00	-9.56E-04	9.93E-11	2.07E-09	1.33E-02	2.49E-01	3.83E-07	0.00E+00	5.86E-01	1.59E-02	2.40E+00	0.00E+00	1.96E-08	6.07E-09	2.83E-04	3.03E-07	1.27E-01	0.00E+00	2.40E+00	4.51E-07	2.40E+00	2.54E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+01
GZ33A	2.84E-04	3.76E-02	1.43E-03	3.40E-02	0.00E+00	0.00E+00	1.22E-01	3.97E-07	8.80E-05	3.01E-04	0.00E+00	-1.53E-03	2.34E-11	8.16E-10	1.44E-03	6.56E-02	1.68E-07	0.00E+00	1.62E-01	5.97E-03	4.35E-01	0.00E+00	3.68E-09	1.81E-09	1.05E-04	2.82E-07	2.78E-02	0.00E+00	4.35E-01	4.61E-08	4.35E-01	4.75E-01	2.78E-02	0.00E+00	0.00E+00	0.00E+00	5.49E+00
GZ40S	8.37E-04	1.73E-01	3.05E-01	1.65E-01	0.00E+00	0.00E+00	5.11E-01	1.95E-06	1.45E-04	1.73E-03	0.00E+00	-3.18E-02	1.04E-10	1.53E-09	1.62E-02	3.13E-01	1.68E-07	0.00E+00	7.34E-01	4.85E-01	3.21E+00	0.00E+00	2.52E-08	9.22E-09	5.34E-04	6.68E-06	1.48E-01	0.00E+00	3.21E+00	-4.46E-06	3.21E+00	3.34E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
GZ413S	9.96E-03	6.37E+00	2.29E+00	3.07E+00	0.00E+00	0.00E+00	1.34E+01	2.46E-05	2.90E-03	2.12E-02	0.00E+00	-2.76E-01	2.22E-09	2.53E-08	2.06E-01	6.83E+00	2.92E-05	0.00E+00	1.34E+01	3.45E+00	3.61E+01	0.00E+00	2.84E-07	1.36E-07	7.11E-03	9.09E-05	3.42E+00	0.00E+00	3.61E+01	-1.45E-05	3.61E+01	5.22E+01	3.42E+00	0.00E+00	0.00E+00	0.00E+00	3.53E+02
GZ44F	2.75E-04	5.95E-02	3.45E-03	9.03E-02	0.00E+00	0.00E+00	1.23E-01	4.12E-07	9.01E-05	3.24E-04	0.00E+00	-1.60E-03	2.59E-11	8.53E-10	1.43E-03	6.15E-02	7.81E-07	0.00E+00	1.60E-01	7.06E-03	4.12E-01	0.00E+00	3.73E-09	1.81E-09	1.11E-04	2.97E-07	2.62E-02	0.00E+00	4.12E-01	9.46E-09	4.12E-01	4.81E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	5.34E+00
GZ45F	3.73E-04	1.04E-01	2.44E-03	1.03E-01	0.00E+00	0.00E+00	2.14E-01	4.86E-07	9.97E-05	8.17E-04	0.00E+00	-3.84E-04	4.20E-11	9.42E-10	5.37E-03	1.24E-01	8.75E-08	0.00E+00	2.81E-01	4.75E-03	1.06E+00	0.00E+00	9.12E-09	3.07E-09	2.40E-04	2.39E-07	5.95E-02	0.00E+00	1.06E+00	2.49E-07	1.06E+00	1.18E+00	5.95E-02	0.00E+00	0.00E+00	0.00E+00	7.46E+00
JB253N	6.53E-03	1.38E+00	2.15E-01	1.34E+00	0.00E+00	0.00E+00	4.29E+00	6.54E-06	2.31E-03	1.38E-02	0.00E+00	-2.26E-02	1.09E-09	1.96E-08	6.41E-02	1.84E+00	1.13E-04	0.00E+00	4.69E+00	2.41E-01	1.40E+01	0.00E+00	1.13E-07	4.95E-08	4.02E-03	5.87E-06	8.59E-01	0.00E+00	1.40E+01	2.82E-06	1.40E+01	1.47E+01	8.59E-01	0.00E+00	0.00E+00	0.00E+00	1.47E+02
JC113	6.38E-04	1.86E+00	1.17E+00	6.93E-01	0.00E+00	0.00E+00	1.92E-01	-7.28E-09	4.01E-04	4.80E-03	0.00E+00	-1.45E-01	3.42E-11	5.81E-09	4.40E-03	0.00E+00	0.00E+00	0.00E+00	7.57E-03	1.92E+00	1.64E-01	0.00E+00	2.96E-09	-1.08E-09	9.72E-04	4.65E-05	-1.72E-01	0.00E+00	1.64E-01	-1.69E-05	1.64E-01	-7.51E-03	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.25E-01
JK113	7.21E-03	6.69E+00	2.76E+00	3.04E+00	0.00E+00	0.00E+00	4.31E+00	5.16E-06	2.57E-03	2.18E-02	0.00E+00	-2.06E-01	8.71E-10	2.86E-08	6.48E-02	1.59E+00	2.29E-04	0.00E+00	5.27E+00	2.71E+00	1.27E+01	0.00E+00	1.47E-07	5.69E-08	5.30E-03	5.69E-05	5.65E-01	0.00E+00	1.27E+01	-3.32E-05	1.27E+01	8.91E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	1.86E+02

JK113B13	7.08E-03	3.84E+00	1.07E+00	2.63E+00	0.00E+00	0.00E+00	4.91E+00	1.05E-05	2.59E-03	2.14E-02	0.00E+00	-1.39E-01	1.08E-09	1.99E-08	7.33E-02	2.04E+00	1.59E-04	0.00E+00	5.38E+00	1.80E+00	1.78E+01	0.00E+00	1.67E-07	6.11E-08	5.18E-03	3.45E-05	6.08E-01	0.00E+00	1.78E+01	-1.19E-05	1.78E+01	1.58E+01	6.08E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+02
JK113B20	7.37E-03	5.33E+00	1.11E+00	2.65E+00	0.00E+00	0.00E+00	4.57E+00	7.64E-06	2.78E-03	1.95E-02	0.00E+00	-1.41E-01	1.01E-09	2.05E-08	7.86E-02	2.64E+00	1.62E-04	0.00E+00	4.79E+00	1.82E+00	1.96E+01	0.00E+00	1.83E-07	7.19E-08	5.03E-03	3.49E-05	8.54E-01	0.00E+00	1.96E+01	-9.40E-06	1.96E+01	1.64E+01	8.54E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+02
JK113B26	7.17E-03	5.58E+00	2.21E+00	2.60E+00	0.00E+00	0.00E+00	4.29E+00	6.81E-06	2.28E-03	1.83E-02	0.00E+00	-1.83E-01	9.93E-10	2.04E-08	7.12E-02	2.19E+00	1.61E-04	0.00E+00	4.21E+00	2.20E+00	1.65E+01	0.00E+00	1.70E-07	6.88E-08	4.92E-03	4.76E-05	7.91E-01	0.00E+00	1.65E+01	-2.15E-05	1.65E+01	1.46E+01	7.91E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
JK213	3.14E-03	7.40E+00	4.42E+00	2.98E+00	0.00E+00	0.00E+00	9.94E-01	2.46E-08	1.76E-03	2.10E-02	0.00E+00	-5.48E-01	5.53E-10	2.26E-08	2.14E-02	1.77E-01	2.70E-04	0.00E+00	2.56E-01	7.23E+00	1.74E+00	0.00E+00	2.24E-08	1.47E-09	4.32E-03	1.75E-04	-5.82E-01	0.00E+00	1.74E+00	-6.34E-05	1.74E+00	1.16E+00	-5.82E-01	0.00E+00	0.00E+00	0.00E+00	8.29E+00
JK213D	3.46E-03	7.46E+00	4.42E+00	3.04E+00	0.00E+00	0.00E+00	1.17E+00	4.24E-07	1.82E-03	2.17E-02	0.00E+00	-5.48E-01	5.86E-10	2.30E-08	2.69E-02	2.99E-01	2.70E-04	0.00E+00	5.13E-01	7.23E+00	2.82E+00	0.00E+00	3.17E-08	4.92E-09	4.54E-03	1.75E-04	-5.27E-01	0.00E+00	2.82E+00	-6.30E-05	2.82E+00	2.29E+00	-5.27E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+01
JS013	2.08E-03	4.31E+00	2.48E+00	1.83E+00	0.00E+00	0.00E+00	6.54E-01	1.41E-08	1.09E-03	1.30E-02	0.00E+00	-3.08E-01	3.15E-10	1.30E-08	1.39E-02	1.77E-01	1.35E-04	0.00E+00	2.43E-01	4.06E+00	1.45E+00	0.00E+00	1.75E-08	3.23E-09	2.72E-03	9.85E-05	-3.00E-01	0.00E+00	1.45E+00	-3.55E-05	1.45E+00	1.15E+00	-3.00E-01	0.00E+00	0.00E+00	0.00E+00	7.76E+00
JS013C	2.37E-03	5.14E+00	3.00E+00	2.14E+00	0.00E+00	0.00E+00	7.38E-01	1.09E-08	1.27E-03	1.51E-02	0.00E+00	-3.72E-01	3.30E-10	1.56E-08	1.58E-02	1.77E-01	1.35E-04	0.00E+00	2.47E-01	4.91E+00	1.52E+00	0.00E+00	1.88E-08	2.75E-09	3.14E-03	1.19E-04	-3.76E-01	0.00E+00	1.52E+00	-4.30E-05	1.52E+00	1.15E+00	-3.76E-01	0.00E+00	0.00E+00	0.00E+00	7.90E+00
JZ103	3.19E-04	6.99E-02	1.82E-03	6.81E-02	0.00E+00	0.00E+00	1.88E-01	4.15E-07	6.95E-05	7.83E-04	0.00E+00	2.91E-05	1.65E-10	4.20E-10	5.65E-03	1.23E-01	9.81E-05	0.00E+00	2.58E-01	5.03E-04	1.09E+00	0.00E+00	9.28E-09	3.47E-09	2.21E-04	6.84E-08	5.73E-02	0.00E+00	1.09E+00	3.46E-07	1.09E+00	1.15E+00	5.73E-02	0.00E+00	0.00E+00	0.00E+00	6.62E+00
JZ104	2.20E-04	4.91E-02	1.62E-03	4.75E-02	0.00E+00	0.00E+00	2.64E-01	5.44E-07	4.73E-05	5.28E-04	0.00E+00	2.91E-05	1.75E-10	5.59E-10	4.14E-03	9.25E-02	9.81E-05	0.00E+00	2.49E-01	4.98E-04	7.74E-01	0.00E+00	6.24E-09	2.39E-09	1.48E-04	6.52E-08	5.00E-02	0.00E+00	7.74E-01	2.20E-07	7.74E-01	8.24E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	7.25E+00
JZ131	3.20E-04	9.90E-02	1.53E-03	9.74E-02	0.00E+00	0.00E+00	2.06E-01	3.93E-07	8.11E-05	9.42E-04	0.00E+00	2.72E-20	4.04E-11	4.97E-10	4.72E-03	1.11E-01	0.00E+00	0.00E+00	2.49E-01	1.28E-05	9.22E-01	0.00E+00	7.92E-09	3.11E-09	2.43E-04	9.11E-09	5.24E-02	0.00E+00	9.22E-01	2.53E-07	9.22E-01	9.75E-01	5.24E-02	0.00E+00	0.00E+00	0.00E+00	6.72E+00
JZ132	2.26E-03	6.96E-01	1.09E-02	6.85E-01	0.00E+00	0.00E+00	1.22E+00	2.54E-06	5.69E-04	6.60E-03	0.00E+00	5.41E-05	6.49E-10	3.08E-09	3.25E-02	7.63E-01	1.83E-04	0.00E+00	1.90E+00	9.96E-04	6.37E+00	0.00E+00	5.43E-08	2.19E-08	1.70E-03	1.71E-07	3.74E-01	0.00E+00	6.37E+00	1.87E-06	6.37E+00	6.74E+00	3.74E-01	0.00E+00	0.00E+00	0.00E+00	5.52E+01
JZ181	4.14E-04	1.28E-01	1.93E-03	1.26E-01	0.00E+00	0.00E+00	2.48E-01	4.74E-07	1.05E-04	1.22E-03	0.00E+00	3.49E-20	4.94E-11	6.05E-10	6.11E-03	1.43E-01	0.00E+00	0.00E+00	3.13E-01	1.65E-05	1.19E+00	0.00E+00	1.02E-08	4.01E-09	3.15E-04	1.18E-08	6.65E-02	0.00E+00	1.19E+00	3.29E-07	1.19E+00	1.26E+00	6.65E-02	0.00E+00	0.00E+00	0.00E+00	8.32E+00
JZ182	2.75E-03	8.48E-01	1.30E-02	8.35E-01	0.00E+00	0.00E+00	1.44E+00	2.96E-06	6.94E-04	8.06E-03	0.00E+00	5.41E-05	6.96E-10	3.65E-09	3.97E-02	9.26E-01	1.83E-04	0.00E+00	2.23E+00	1.02E-03	7.76E+00	0.00E+00	6.64E-08	2.66E-08	2.08E-03	1.84E-07	4.47E-01	0.00E+00	7.76E+00	2.27E-06	7.76E+00	8.21E+00	4.47E-01	0.00E+00	0.00E+00	0.00E+00	6.36E+01
TN904	2.30E-04	4.50E-02	9.98E-04	3.62E-02	0.00E+00	0.00E+00	1.32E-01	3.82E-07	6.14E-05	3.48E-04	0.00E+00	-3.13E-05	2.06E-11	6.39E-10	1.82E-03	6.74E-02	2.85E-07	0.00E+00	1.64E-01	1.88E-03	5.24E-01	0.00E+00	4.31E-09	2.13E-09	1.27E-04	8.15E-08	3.05E-02	0.00E+00	5.24E-01	3.44E-08	5.24E-01	5.37E-01	3.05E-02	0.00E+00	0.00E+00	0.00E+00	5.56E+00
VA12A	7.55E-03	1.68E+00	4.99E-02	1.63E+00	0.00E+00	0.00E+00	1.03E+01	2.11E-05	2.34E-03	1.62E-02	0.00E+00	-5.51E-04	1.79E-09	3.19E-08	9.55E-02	2.87E+00	0.00E+00	0.00E+00	8.44E+00	7.52E-03	1.98E+01	0.00E+00	1.58E-07	6.75E-08	4.41E-03	3.55E-07	1.55E+00	0.00E+00	1.98E+01	5.22E-06	1.98E+01	2.13E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	2.78E+02
VA12B	5.55E-03	1.23E+00	2.39E-02	1.20E+00	0.00E+00	0.00E+00	3.86E+00	7.37E-06	2.12E-03	1.17E-02	0.00E+00	3.54E-19	7.26E-10	2.11E-08	5.96E-02	1.68E+00	0.00E+00	0.00E+00	3.97E+00	1.63E-04	1.20E+01	0.00E+00	1.02E-07	4.23E-08	3.13E-03	1.16E-07	7.91E-01	0.00E+00	1.20E+01	3.11E-06	1.20E+01	1.28E+01	7.91E-01	0.00E+00	0.00E+00	0.00E+00	1.20E+02
VA12BN	6.94E-03	1.31E+00	3.63E-02	1.27E+00	0.00E+00	0.00E+00	4.47E+00	9.22E-06	2.92E-03	1.26E-02	0.00E+00	-1.10E-03	8.22E-10	2.84E-08	6.45E-02	1.97E+00	0.00E+00	0.00E+00	4.69E+00	1.47E-02	1.35E+01	0.00E+00	1.13E-07	4.85E-08	3.46E-03	4.75E-07	9.14E-01	0.00E+00	1.35E+01	3.66E-06	1.35E+01	1.44E+01	9.14E-01	0.00E+00	0.00E+00	0.00E+00	1.47E+02
VA12CN	8.69E-03	1.41E+00	4.55E-02	1.36E+00	0.00E+00	0.00E+00	5.36E+00	1.11E-05	4.04E-03	1.36E-02	0.00E+00	-1.65E-03	9.82E-10	4.05E-08	6.99E-02	2.31E+00	0.00E+00	0.00E+00	5.52E+00	2.20E-02	1.49E+01	0.00E+00	1.23E-07	5.44E-08	3.82E-03	6.60E-07	1.06E+00	0.00E+00	1.49E+01	3.91E-06	1.49E+01	1.59E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+02
VA12D	7.75E-03	1.61E+00	4.59E-02	1.58E+00	0.00E+00	0.00E+00	7.48E+00	1.34E-05	2.92E-03	1.67E-02	0.00E+00	-7.74E-04	1.19E-09	2.88E-08	9.01E-02	2.66E+00	1.12E-08	0.00E+00	6.69E+00	1.16E-02	1.82E+01	0.00E+00	1.50E-07	6.57E-08	4.52E-03	3.97E-07	1.31E+00	0.00E+00	1.82E+01	4.18E-06	1.82E+01	1.91E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+02
VA12DK	5.06E-03	1.14E+00	3.18E-02	1.18E+00	0.00E+00	0.00E+00	3.84E+00	7.78E-06	1.37E-03	1.21E-02	0.00E+00	-5.96E-04	7.36E-10	1.88E-08	5.87E-02	1.62E+00	1.12E-08	0.00E+00	4.07E+00	8.19E-03	1.21E+01	0.00E+00	9.98E-08	4.25E-08	3.07E-03	3.23E-07	7.74E-01	0.00E+00	1.21E+01	3.60E-06	1.21E+01	1.28E+01	7.74E-01	0.00E+00	0.00E+00	0.00E+00	1.27E+02
VA12DN	7.70E-03	1.55E+00	4.33E-02	1.47E+00	0.00E+00	0.00E+00	6.54E+00	1.13E-05	2.57E-03	1.46E-02	0.00E+00	-3.76E-04	1.01E-09	2.64E-08	8.47E-02	2.48E+00	5.30E-09	0.00E+00	5.81E+00	6.49E-03	1.68E+01	0.00E+00	1.40E-07	6.02E-08	4.40E-03	2.55E-07	1.14E+00	0.00E+00	1.68E+01	3.54E-06	1.68E+01	1.76E+01	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+02
VA12E	5.65E-03	1.27E+00	3.25E-02	1.27E+00	0.00E+00	0.00E+00	4.41E+00	8.98E-06	2.19E-03	1.25E-02	0.00E+00	-6.42E-04	8.56E-10	2.13E-08	5.98E-02	1.78E+00	1.12E-08	0.00E+00	4.58E+00	8.38E-03	1.27E+01	0.00E+00	1.05E-07	4.57E-08	3.41E-03	3.58E-07	8.67E-01	0.00E+00	1.27E+01	3.91E-06	1.27E+01	1.37E+01	8.67E-01	0.00E+00	0.00E+00	0.00E+00	1.42E+02
VA12G	7.50E-03	1.52E+00	4.34E-02	1.46E+00	0.00E+00	0.00E+00	6.40E+00	1.09E-05	2.27E-03	1.40E-02	0.00E+00	-3.81E-04	9.78E-10	2.58E-08	8.49E-02	2.47E+00	5.30E-09	0.00E+00	5.66E+00	6.29E-03	1.69E+01	0.00E+00	1.40E-07	5.87E-08	4.24E-03	2.47E-07	1.15E+00	0.00E+00	1.69E+01	3.67E-06	1.69E+01	1.79E+01	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+02
VA12K	1.87E-03	4.58E-01	8.27E-03	4.90E-01	0.00E+00	0.00E+00	9.29E-01	1.45E-06	4.09E-04	4.93E-03	0.00E+00	-1.28E-03	1.45E-10	3.06E-09	1.80E-02	5.50E-01	4.73E-07	0.00E+00	1.13E+00	3.22E-03	4.42E+00	0.00E+00	3.76E-08	1.60E-08	1.22E-03	1.23E-07	2.44E-01	0.00E+00	4.42E+00	1.09E-06	4.42E+00	4.65E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	3.43E+01
VA12N	8.42E-03	1.72E+00	4.62E-02	1.65E+00	0.00E+00	0.00E+00	7.50E+00	1.55E-05	3.27E-03	1.73E-02	0.00E+00	-1.66E-03	1.19E-09	3.19E-08	9.82E-02	2.71E+00	3.66E-06	0.00E+00	6.80E+00	2.44E-02	1.94E+01	0.00E+00	1.63E-07	6.70E-08	4.71E-03	8.41E-07	1.34E+00	0.00E+00	1.94E+01	4.69E-06	1.94E+01	2.07E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+02
VA12NL	5.39E-03	1.21E+00	2.74E-02	1.19E+00	0.00E+00	0.00E+00	3.63E+00	7.53E-06	1.93E-03	1.17E-02	0.00E+00	-5.51E-04	6.71E-10	1.75E-08	5.96E-02	1.66E+00	0.00E+00	0.00E+00	3.93E+00	7.42E-03	1.23E+01	0.00E+00	1.03E-07	4.32E-08	3.14E-03	2.90E-07	7.81E-01	0.00E+00	1.23E+01	3.47E-06	1.23E+01	1.31E+01	7.81E-01	0.00E+00	0.00E+00	0.00E+00	1.19E+02
VA24A	1.04E-02	2.37E+00	7.31E-02	2.30E+00	0.00E+00	0.00E+00	1.54E+01	3.13E-05	3.00E-03	2.29E-02	0.00E+00	-8.76E-04	2.65E-09	4.37E-08	1.37E-01	4.11E+00	0.00E+00	0.00E+00	1.23E+01	1.19E-02	2.83E+01	0.00E+00	2.26E-07	9.62E-08	6.23E-03	5.37E-07	2.25E+00	0.00E+00	2.83E+01	7.43E-06	2.83E+01	3.06E+01	2.25E+00	0.00E+00	0.00E+00	0.00E+00	4.08E+02
VA24B	7.55E-03	1.69E+00	3.43E-02	1.66E+00	0.00E+00	0.00E+00	5.85E+00	1.12E-05	2.80E-03	1.62E-02	0.00E+00	5.04E-19	1.09E-09	2.87E-08	8.43E-02	2.37E+00	0.00E+00	0.00E+00	5.78E+00	2.28E-04	1.69E+01	0.00E+00	1.43E-07	5.91E-08	4.32E-03	1.63E-07	1.14E+00	0.00E+00	1.69E+01	4.36E-06	1.69E+01	1.81E+01	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+02
VA24BN	9.83E-03	1.82E+00	5.20E-02	1.77E+00	0.00E+00	0.00E+00	6.89E+00	1.40E-05	4.18E-03	1.76E-02	0.00E+00	-1.47E-03	1.26E-09	4.20E-08	9.16E-02	2.83E+00	0.00E+00	0.00E+00	6.90E+00	1.96E-02	1.91E+01	0.00E+00	1.58E-07	6.81E-08	4.83E-03	6.43E-07	1.33E+00	0.00E+00	1.91E+01	5.02E-06	1.91E+01	2.04E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+02
VA24CN	1.13E-02	1.92E+00	6.01E-02	1.86E+00	0.00E+00	0.00E+00	7.60E+00	1.56E-05	5.08E-03	1.86E-02	0.00E+00	-1.98E-03	1.38E-09	5.16E-08	9.67E-02	3.13E+00	0.00E+00	0.00E+00	7.62E+00	2.63E-02	2.04E+01	0.00E+00	1.69E-07	7.40E-08	5.18E-03	8.15E-07	1.46E+00	0.00E+00	2.04E+01	5.38E-06	2.04E+01	2.19E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+02
VA24D	1.24E-02	2.27E+00	7.87E-02	2.04E+00	0.00E+00	0.00E+00	1.63E+01	2.89E-05	4.46E-03	2.22E-02	0.00E+00	-1.10E-03	2.69E-09	5.33E-08	1.34E-01	3.94E+00	1.12E-08	0.00E+00	1.31E+01	1.79E-02	2.83E+01	0.00E+00	2.32E-07	9.91E-08	6.67E-03	7.95E-07	2.41E+00	0.00E+00	2.83E+01	8.75E-06	2.83E+01	3.08E+01	2.41E+00	0.00E+00	0.00E+00	0.00E+00	4.23E+02
VA24DK	7.56E-03	1.66E+00	4.39E-02	1.64E+00	0.00E+00	0.00E+00	5.89E+00	1.13E-05	2.85E-03	1.60E-02	0.00E+00	-7.32E-04	1.09E-09	2.79E-08	8.33E-02	2.36E+00	1.12E-08	0.00E+00	5.82E+00	1.05E-02	1.73E+01	0.00E+00	1.43E-07	5.98E-08	4.37E-03	3.88E-07	1.15E+00	0.00E+00	1.73E+01	4.70E-06	1.73E+01	1.84E+01	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+02
VA24DN	1.15E-02	2.29E+00	7.88E-02	2.02E+00	0.00E+00	0.00E+00	1.61E+01	2.77E-05	3.12E-03	2.25E-02	0.00E+00	-7.66E-04	2.43E-09	4.75E-08	1.35E-01	3.76E+00	5.30E-09	0.00E+00	1.27E+01	1.13E-02	2.71E+01	0.00E+00	2.26E-07	9.70E-08	6.54E-03	7.82E-07	2.30E+00	0.00E+00	2.71E+01	8.55E-06	2.71E+01	2.93E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	3.93E+02
VA24E	7.81E-03	1.73E+00	4.20E-02	1.68E+00	0.00E+00	0.00E+00	5.83E+00	1.19E-05	2.83E-03	1.66E-02	0.00E+00	-9.18E-04	1.07E-09	2.72E-08	8.64E-02	2.45E+00	0.00E+00	0.00E+00	5.97E+00	1.23E-02	1.77E+01	0.00E+00	1.48E-07	6.20E-08	4.47E-03	4.58E-07	1.17E+00	0.00E+00	1.77E+01	4.84E-06	1.77E+01	1.89E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+02
VA24G	1.28E-02	2.35E+00	8.78E-02	2.10E+00	0.00E+00	0.00E+00	1.01E+01	2.29E-05	2.92E-03	2.05E-02	0.00E+00	-5.97E-04	1.94E-09	4.67E-08	1.23E-01	3.76E+00	5.30E-09	0.00E+00	1.09E+01	3.34E-02	2.83E+01	0.00E+00	2.28E-07	9.60E-08	6.59E-03	6.67E-07	2.12E+00	0.00E+00	2.83E+01	8.43E-06	2.83E+01	3.05E+01	2.12E+00	0.00E+00	0.00E+00	0.00E+00	3.53E+02
VA24K	2.85E-03	7.57E-01	2.38E-02	6.85E-01	0.00E+00	0.00E+00	1.49E+00	1.98E-06	6.45E-04	7.70E-03	0.00E+00	-1.28E-03	3.20E-10	4.50E-09	2.15E-02	7.84E-01	5.53E-07	0.00E+00	1.57E+00	2.74E-02	5.31E+00	0.00E+00	5.15E-08	2.27E-08	2.09E-03	1.25E-07	3.60E-01	0.00E+00	5.31E+00	1.81E-06	5.31E+00	5.61E+00	3.60E-01	0.00E+00	0.00E+00	0.00E+00	4.64E+01
VA24N	1.26E-02	2.28E+00	8.06E-02	2.04E+00	0.00E+00	0.00E+00	1.75E+01	3.06E-05	6.09E-03	2.42E-02	0.00E+00	-1.84E-03	2.81E-09	5.90E-08	1.52E-01	4.09E+00	3.83E-05	0.00E+00	1.33E+01	2.62E-02	2.96E+01	0.00E+00	2.56E-07	1.10E-07	6.94E-03	9.62E-07	2.43E+00	0.00E+00	2.96E+01	8.64E-06	2.96E+01	3.36E+01	2.43E+00	0.00E+00	0.00E+00	0.00E+00	4.38E+02
VA24NL	7.72E-03	1.70E+00	4.17E-02	1.66E+00	0.00E+00	0.00E+00	5.79E+00	1.18E-05	2.81E-03	1.64E-02	0.00E+00	-9.18E-04	1.06E-09	2.71E-08	8.53E-02	2.42E+00	0.00E+00	0.00E+00	5.91E+00	1.23E-02	1.75E+01	0.00E+00	1.46E-07	6.12E-08	4.41E-03	4.56E-07	1.16E+00	0.00E+00	1.75E+01	4.76E-06	1.75E+01	1.87E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+02
VA36APZ	1.26E-02	3.36E+00	1.37E-01	3.22E+00	0.00E+00	0.00E+00	1.88E+01	3.90E-05	2.79E-03	3.18E-02	0.00E+00	-1.99E-03	7.09E-09	4.16E-08	1.81E-01	5.20E+00	0.00E+00	0.00E+00	1.53E+01	9.27E-02	3.82E+01	0.00E+00	3.07E-07	1.30E-07	8.57E-03	2.58E-06	2.82E+00	0.00E+00	3.82E+01	1.03E-05	3.82E+01	4.10E+01	2.82E+00	0.00E+00	0.00E+00	0.00E+00	5.03E+02
VA36CN	1.38E-02	2.52E+00	7.42E-02	2.45E+00	0.00E+00	0.00E+00	9.86E+00	2.02E-05	5.85E-03	2.43E-02	0.00E+00	-2.20E-03	1.79E-09	5.95E-08	1.27E-01	3.97E+00	0.00E+00	0.00E+00	9.78E+00	2.94E-02	2.67E+01	0.00E+00	2.21E-07	9.54E-08	6.71E-03	9.45E-07	1.88E+00	0.00E+00	2.67E+01	7.07E-06	2.67E+01	2.86E+01	1.88E+00	0.00E+00	0.00E+00	0.00E+00	3.12E+02
VA36K	4.21E-03	8.82E-01	2.69E-02	9.93E-01	0.00E+00	0.00E+00	2.36E+00	3.94E-06	6.78E-04	1.06E-02	0.00E+00	-1.28E-03	8.26E-10	5.89E-09	3.16E-02	1.11E+00	5.53E-07	0.00E+00	2.13E+00	2.75E-02	7.74E+00	0.00E+00	6.75E-08	3.09E-08	2.87E-03	1.38E-07	4.60E-01	0.00E+00	7.74E+00	2.15E-06	7.74E+00	8.29E+00	4.60E-01	0.00E+00	0.00E+00	0.00E+00	7.28E+01
VA36NW	1.59E-02	3.70E+00	1.19E-01	3.58E+00	0.00E+00	0.00E+00	2.46E+01	5.28E-05	3.92E-03	3.61E-02	0.00E+00	-2.05E-03	4.09E-09	6.16E-08	2.13E-01	6.53E+00	0.00E+00	0.00E+00	1.99E+01	2.76E-02	4.62E+01	0.00E+00	3.66E-07	1.59E-07	9.95E-03	1.05E-06	3.59E+00	0.00E+00	4.62E+01	1.35E-05	4.62E+01	4.98E+01	3.59E+00	0.00E+00	0.00E+00	0.00E+00	6.70E+02
VA36NWB	1.17E-02	2.97E+00	8.01E-02	2.89E+00	0.00E+00	0.00E+00	1.89E+01	3.96E-05	2.55E-03	2.90E-02	0.00E+00	1.10E-18	3.15E-09	4.17E-08	1.73E-01	5.03E+00	0.00E+00	0.00E+00	1.53E+01	4.54E-04	3.63E+01	0.00E+00	2.90E-07	1.23E-07	7.86E-03	3.23E-07	2.79E+00	0.00E+00	3.63E+01	1.04E-05	3.63E+01	3.91E+01	2.79E+00	0.00E+00	0.00E+00	0.00E+00	5.05E+02
VA36NWP	1.90E-02	4.13E+00	1.40E-01	4.01E+00	0.00E+00	0.00E+00	2.55E+01	5.02E-05	4.55E-03	4.24E-02	0.00E+00	-1.90E-03	4.53E-09	5.82E-08	2.60E-01	7.89E+00	5.30E-09	0.00E+00	1.96E+01	2.90E-02	5.67E+01	0.00E+00	4.34E-07	1.87E-07	1.17E-02	1.15E-06	3.49E+00	0.00E+00	5.67E+01	1.60E-05	5.67E+01	6.18E+01	3.49E+00	0.00E+00	0.00E+00	0.00E+00	6.72E+02
VA36RM	1.17E-02	2.32E+00	7.51E-02	2.11E+00	0.00E+00	0.00E+00	1.69E+01	3.36E-05	2.71E-03	2.19E-02	0.00E+00	-4.57E-04	3.69E-09	5.19E-08	1.38E-01	4.06E+00	5.30E-09	0.00E+00	1.43E+01	8.86E-03	2.90E+01	0.00E+00	2.33E-07	9.96E-08	6.04E-03	5.66E-07	2.61E+00	0.00E+00	2.90E+01	8.64E-06	2.90E+01	3.16E+01	2.61E+00	0.00E+00	0.00E+00	0.00E+00	4.78E+02
VA36V	5.15E-03	1.18E+00	2.39E-02	1.19E+00	0.00E+00	0.00E+00	4.79E+00	1.14E-05	1.21E-03	1.23E-02	0.00E+00	-1.28E-03	1.93E-09	9.82E-09	6.14E-02	1.85E+00	6.70E-07	0.00E+00	5.33E+00	3.30E-03	1.33E+01	0.00E+00	1.08E-07	4.95E-08	3.64E-03	1.77E-07	9.26E-01	0.00E+00	1.33E+01	3.75E-06	1.33E+01	1.43E+01	9.26E-01	0.00E+00	0.00E+00	0.00E+00	1.86E+02
VA36W	4.45E-03	9.93E-01	2.97E-02	1.10E+00	0.00E+00	0.00E+00	2.40E+00	4.06E-06	7.21E-04	1.18E-02	0.00E+00	-1.73E-05	8.29E-10	6.09E-09	3.16E-02	1.18E+00	6.70E-07	0.00E+00	2.14E+00	2.56E-02	7.85E+00	0.00E+00	6.82E-08	3.21E-08	3.05E-03	6.62E-08	4.63E-01	0.00E+00	7.85E+00	2.25E-06	7.85E+00	8.50E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	7.48E+01
VA36WWH	1.64E-02	3.58E+00	1.37E-01	3.65E+00	0.00E+00	0.00E+00	2.05E+01	4.11E-05	3.76E-03	3.40E-02	0.00E+00	-2.77E-03	3.50E-09	5.41E-08	2.29E-01	7.11E+00	1.97E-06	0.00E+00	1.63E+01	7.15E-02	4.66E+01	0.00E+00	3.59E-07	1.48E-07	9.46E-03	1.34E-06	3.03E+00	0.00E+00	4.66E+01	1.15E-05	4.66E+01	5.25E+01	3.03E+00	0.00E+00	0.00E+00	0.00E+00	5.21E+02
VA48K	4.97E-03	1.09E+00	3.49E-02	1.07E+00	0.00E+00	0.00E+00	4.74E+00	1.09E-05	1.12E-03	1.17E-02	0.00E+00	-1.28E-03	1.92E-09	9.17E-09	6.07E-02	1.71E+00	6.70E-07	0.00E+00	5.25E+00	2.75E-02	1.30E+01	0.00E+00	1.05E-07	4.65E-08	3.07E-03	1.72E-07	9.13E-01	0.00E+00	1.30E+01	3.56E-06	1.30E+01	1.40E+01	9.13E-01	0.00E+00	0.00E+00	0.00E+00	1.82E+02
VA48NWB	1.58E-02	3.70E+00	1.02E-01	3.48E+00	0.00E+00	0.00E+00	2.62E+01	5.15E-05	3.53E-03	3.49E-02	0.00E+00	-1.26E-03	4.68E-09	5.88E-08	2.14E-01	6.53E+00	5.30E-09	0.00E+00	1.89E+01	1.84E-02	4.49E+01	0.00E+00	3.51E-07	1.50E-07	9.92E-03	5.16E-07	3.45E+00	0.00E+00	4.49E+01	1.27E-05	4.49E+01	5.08E+01	3.45E+00	0.00E+00	0.00E+00	0.00E+00	6.41E+02
VA48V	5.29E-03	1.14E+00	5.58E-02	1.08E+00	0.00E+00	0.00E+00	1.66E+01	3.34E-05	1.01E-03	1.10E-02	0.00E+00	6.40E-19	2.77E-09	3.57E-08	8.85E-02	2.97E+00	0.00E+00	0.00E+00	1.11E+01	2.26E-04	1.82E+01	0.00E+00	1.35E-07	5.95E-08	3.10E-03	1.61E-07	1.90E+00	0.00E+00	1.82E+01	4.23E-06	1.82E+01	2.01E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	3.94E+02
VA48W	4.76E-03	1.08E+00	3.47E-02	1.07E+00	0.00E+00	0.00E+00	4.65E+00	1.09E-05	9.37E-04	1.16E-02	0.00E+00	-1.28E-03	1.92E-09	9.01E-09	5.95E-02	1.70E+00	6.70E-07	0.00E+00	5.21E+00	2.75E-02	1.30E+01	0.00E+00	1.05E-07	4.62E-08	3.06E-03	1.72E-07	9.14E-01	0.00E+00	1.30E+01	3.51E-06	1.30E+01	1.39E+01	9.14E-01	0.00E+00	0.00E+00	0.00E+00	1.79E+02
VB118B	1.29E-02	2.38E+00	6.04E-02	2.32E+00	0.00E+00	0.00E+00	8.29E+00	2.41E-05	3.29E-03	2.61E-02	0.00E+00	-6.57E-04	1.72E-09	2.89E-08	1.63E-01	4.42E+00	2.60E-04	0.00E+00	1.07E+01	1.14E-02	3.73E+01	0.00E+00	3.02E-07	1.28E-07	7.71E-03	6.67E-07	2.09E+00	0.00E+00	3.73E+01	1.40E-05	3.73E+01	3.93E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	3.34E+02
VB118C	1.32E-02	2.46E+00	7.21E-02	2.39E+00	0.00E+00	0.00E+00	8.56E+00	2.47E-05	3.35E-03	2.69E-02	0.00E+00	-1.90E-03	1.77E-09	2.96E-08	1.68E-01	4.54E+00	2.60E-04	0.00E+00	1.10E+01	2.78E-02	3.83E+01	0.00E+00	3.11E-07	1.31E-07	7.92E-03	1.07E-06	2.15E+00	0.00E+00	3.83E+01	1.42E-05	3.83E+01	4.04E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	3.43E+02
VB118L	1.30E-02	2.64E+00	7.04E-02	3.00E+00	0.00E+00	0.00E+00	8.62E+00	2.26E-05	3.32E-03	3.22E-02	0.00E+00	-1.63E-03	1.71E-09	2.98E-08	1.57E-01	4.63E+00	1.58E-04	0.00E+00	1.06E+01	2.22E-02	3.48E+01	0.00E+00	2.88E-07	1.27E-07	8.18E-03	9.14E-07	2.08E+00	0.00E+00	3.48E+01	1.31E-05	3.48E+01	3.67E+01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	3.17E+02
VB118P	1.32E-02	2.46E+00	7.21E-02	2.39E+00	0.00E+00	0.00E+00	8.56E+00	2.47E-05	3.35E-03	2.69E-02	0.00E+00	-1.90E-03	1.77E-09	2.96E-08	1.68E-01	4.54E+00	2.60E-04	0.00E+00	1.10E+01	2.78E-02	3.83E+01	0.00E+00	3.11E-07	1.31E-07	7.92E-03	1.07E-06	2.15E+00	0.00E+00	3.83E+01	1.42E-05	3.83E+01	4.04E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	3.43E+02
VB118PB	1.20E-02	2.39E+00	6.28E-02	2.33E+00	0.00E+00	0.00E+00	8.10E+00	2.30E-05	2.76E-03	2.58E-02	0.00E+00	-1.17E-03	1.70E-09	2.41E-08	1.60E-01	4.23E+00	2.60E-04	0.00E+00	1.03E+01	1.81E-02	3.61E+01	0.00E+00	2.94E-07	1.23E-07	7.53E-03	8.29E-07	2.01E+00	0.00E+00	3.61E+01	1.33E-05	3.61E+01	3.81E+01	2.01E+00	0.00E+00	0.00E+00	0.00E+00	3.17E+02
VB118PP	1.29E-02	2.40E+00	7.04E-02	2.33E+00	0.00E+00	0.00E+00	8.29E+00	2.41E-05	3.29E-03	2.62E-02	0.00E+00	-1.90E-03	1.72E-09	2.90E-08	1.63E-01	4.42E+00	2.60E-04	0.00E+00	1.07E+01	2.78E-02	3.73E+01	0.00E+00	3.02E-07	1.28E-07	7.72E-03	1.07E-06	2.09E+00	0.00E+00	3.73E+01	1.39E-05	3.73E+01	3.93E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	3.34E+02
VB118R	1.25E-02	2.55E+00	6.02E-02	2.30E+00	0.00E+00	0.00E+00	8.39E+00	2.21E-05	3.31E-03	2.79E-02	0.00E+00	-1.56E-03	1.69E-09	3.00E-08	1.57E-01	4.21E+00	1.58E-04	0.00E+00	1.04E+01	2.14E-02	3.42E+01	0.00E+00	2.83E-07	1.19E-07	7.59E-03	8.26E-07	1.98E+00	0.00E+00	3.42E+01	1.31E-05	3.42E+01	3.64E+01	1.98E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+02
VB118TB	1.25E-02	2.66E+00	7.34E-02	3.02E+00	0.00E+00	0.00E+00	8.30E+00	2.23E-05	3.31E-03	3.19E-02	0.00E+00	-1.92E-03	1.80E-09	2.94E-08	1.52E-01	4.28E+00	3.36E-04	0.00E+00	1.04E+01	2.62E-02	3.38E+01	0.00E+00	2.79E-07	1.23E-07	8.19E-03	9.92E-07	1.99E+00	0.00E+00	3.38E+01	1.32E-05	3.38E+01	3.66E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	3.14E+02
VB218B	1.90E-02	3.55E+00	9.35E-02	3.78E+00	0.00E+00	0.00E+00	1.25E+01	3.14E-05	4.85E-03	3.72E-02	0.00E+00	-2.49E-03	2.42E-09	4.06E-08	2.03E-01	5.94E+00	1.64E-04	0.00E+00	1.45E+01	3.51E-02	4.68E+01	0.00E+00	3.92E-07	1.75E-07	1.10E-02	1.44E-06	2.69E+00	0.00E+00	4.68E+01	1.79E-05	4.68E+01	5.06E+01	2.69E+00	0.00E+00	0.00E+00	0.00E+00	4.56E+02
VB218C	1.98E-02	3.78E+00	1.23E-01	3.66E+00	0.00E+00	0.00E+00	1.72E+01	4.52E-05	4.78E-03	4.06E-02	0.00E+00	-3.26E-03	3.54E-09	5.07E-08	2.58E-01	7.19E+00	5.19E-04	0.00E+00	1.88E+01	4.82E-02	5.86E+01	0.00E+00	4.70E-07	2.00E-07	1.19E-02	1.84E-06	3.56E+00	0.00E+00	5.86E+01	2.10E-05	5.86E+01	6.21E+01	3.56E+00	0.00E+00	0.00E+00	0.00E+00	6.01E+02
VB218L	1.84E-02	3.51E+00	9.81E-02	3.69E+00	0.00E+00	0.00E+00	1.39E+01	3.34E-05	4.49E-03	3.78E-02	0.00E+00	-2.55E-03	2.45E-09	3.56E-08	2.39E-01	7.03E+00	2.44E-04	0.00E+00	1.59E+01	3.57E-02	5.26E+01	0.00E+00	4.31E-07	1.82E-07	1.11E-02	1.44E-06	3.17E+00	0.00E+00	5.26E+01	1.88E-05	5.26E+01	5.61E+01	3.17E+00	0.00E+00	0.00E+00	0.00E+00	4.95E+02
VB218P	1.98E-02	3.78E+00	1.23E-01	3.66E+00	0.00E+00	0.00E+00	1.72E+01	4.52E-05	4.78E-03	4.06E-02	0.00E+00	-3.26E-03	3.54E-09	5.07E-08	2.58E-01	7.19E+00	5.19E-04	0.00E+00	1.88E+01	4.82E-02	5.86E+01	0.00E+00	4.70E-07	2.00E-07	1.19E-02	1.84E-06	3.56E+00	0.00E+00	5.86E+01	2.10E-05	5.86E+01	6.21E+01	3.56E+00	0.00E+00	0.00E+00	0.00E+00	6.01E+02
VB218PB	1.71E-02	3.46E+00	9.72E-02	3.37E+00	0.00E+00	0.00E+00	1.21E+01	3.42E-05	3.78E-03	3.74E-02	0.00E+00	-2.34E-03	2.69E-09	3.32E-08	2.32E-01	6.14E+00	5.19E-04	0.00E+00	1.51E+01	3.60E-02	5.24E+01	0.00E+00	4.26E-07	1.79E-07	1.09E-02	1.51E-06	2.94E+00	0.00E+00	5.24E+01	1.93E-05	5.24E+01	5.54E+01	2.94E+00	0.00E+00	0.00E+00	0.00E+00	4.67E+02
VB218PP	1.88E-02	3.51E+00	1.10E-01	3.40E+00	0.00E+00	0.00E+00	1.27E+01	3.62E-05	4.75E-03	3.81E-02	0.00E+00	-3.44E-03	2.79E-09	4.30E-08	2.37E-01	6.46E+00	5.19E-04	0.00E+00	1.58E+01	5.06E-02	5.41E+01	0.00E+00	4.38E-07	1.86E-07	1.12E-02	1.86E-06	3.07E+00	0.00E+00	5.41E+01	2.00E-05	5.41E+01	5.72E+01	3.07E+00	0.00E+00	0.00E+00	0.00E+00	4.97E+02
VB218R	1.90E-02	3.55E+00	9.35E-02	3.78E+00	0.00E+00	0.00E+00	1.25E+01	3.14E-05	4.85E-03	3.72E-02	0.00E+00	-2.49E-03	2.42E-09	4.06E-08	2.03E-01	5.94E+00	1.64E-04	0.00E+00	1.45E+01	3.51E-02	4.68E+01	0.00E+00	3.92E-07	1.75E-07	1.10E-02	1.44E-06	2.69E+00	0.00E+00	4.68E+01	1.79E-05	4.68E+01	5.06E+01	2.69E+00	0.00E+00	0.00E+00	0.00E+00	4.56E+02
VB218TB	1.71E-02	3.46E+00	9.72E-02	3.37E+00	0.00E+00	0.00E+00	1.21E+01	3.42E-05	3.78E-03	3.74E-02	0.00E+00	-2.34E-03	2.69E-09	3.32E-08	2.32E-01	6.14E+00	5.19E-04	0.00E+00	1.51E+01	3.60E-02	5.24E+01	0.00E+00	4.26E-07	1.79E-07	1.09E-02	1.51E-06	2.94E+00	0.00E+00	5.24E+01	1.93E-05	5.24E+01	5.54E+01	2.94E+00	0.00E+00	0.00E+00	0.00E+00	4.67E+02
VB318A	1.86E-02	3.39E+00	1.31E-01	3.26E+00	0.00E+00	0.00E+00	1.41E+01	3.39E-05	5.66E-03	3.64E-02	0.00E+00	-5.16E-03	3.49E-09	5.63E-08	2.48E-01	6.44E+00	7.79E-04	0.00E+00	1.61E+01	7.56E-02	5.17E+01	0.00E+00	4.21E-07	1.71E-07	1.05E-02	2.61E-06	3.13E+00	0.00E+00	5.17E+01	1.63E-05	5.17E+01	5.48E+01	3.13E+00	0.00E+00	0.00E+00	0.00E+00	4.84E+02
VB318B	2.30E-02	4.73E+00	1.25E-01	4.53E+00	0.00E+00	0.00E+00	1.67E+01	4.75E-05	5.47E-03	4.95E-02	0.00E+00	-2.76E-03	3.57E-09	5.55E-08	2.89E-01	8.25E+00	6.84E-04	0.00E+00	2.00E+01	3.88E-02	6.50E+01	0.00E+00	5.26E-07	2.30E-07	1.41E-02	1.76E-06	3.86E+00	0.00E+00	6.50E+01	2.58E-05	6.50E+01	6.90E+01	3.86E+00	0.00E+00	0.00E+00	0.00E+00	6.35E+02
VB318L	2.69E-02	5.40E+00	1.54E-01	4.80E+00	0.00E+00	0.00E+00	1.78E+01	5.46E-05	6.03E-03	5.48E-02	0.00E+00	-2.68E-03	3.70E-09	5.67E-08	3.05E-01	9.62E+00	7.18E-04	0.00E+00	2.28E+01	3.79E-02	7.51E+01	0.00E+00	6.11E-07	2.73E-07	1.69E-02	1.83E-06	4.47E+00	0.00E+00	7.51E+01	2.81E-05	7.51E+01	8.21E+01	4.47E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+02
VB318MMP	2.29E-02	4.69E+00	1.23E-01	4.48E+00	0.00E+00	0.00E+00	1.64E+01	4.31E-05	5.27E-03	4.99E-02	0.00E+00	-2.48E-03	3.26E-09	4.11E-08	2.78E-01	7.88E+00	1.47E-04	0.00E+00	1.95E+01	3.94E-02	6.09E+01	0.00E+00	5.15E-07	2.16E-07	1.41E-02	1.73E-06	3.92E+00	0.00E+00	6.09E+01	2.59E-05	6.09E+01	6.55E+01	3.92E+00	0.00E+00	0.00E+00	0.00E+00	5.70E+02
VB318MMT	2.34E-02	5.25E+00	1.28E-01	4.71E+00	0.00E+00	0.00E+00	1.67E+01	4.47E-05	5.50E-03	5.30E-02	0.00E+00	-2.46E-03	3.33E-09	4.40E-08	2.82E-01	7.99E+00	1.44E-04	0.00E+00	1.98E+01	3.89E-02	6.17E+01	0.00E+00	5.17E-07	2.19E-07	1.44E-02	1.73E-06	3.95E+00	0.00E+00	6.17E+01	2.74E-05	6.17E+01	6.62E+01	3.95E+00	0.00E+00	0.00E+00	0.00E+00	5.94E+02
VB318MP	1.94E-02	3.97E+00	1.08E-01	3.87E+00	0.00E+00	0.00E+00	2.18E+01	5.41E-05	3.79E-03	4.28E-02	0.00E+00	1.07E-07	3.61E-09	4.88E-08	2.84E-01	7.79E+00	3.60E-07	0.00E+00	2.16E+01	6.89E-04	6.30E+01	0.00E+00	5.03E-07	2.12E-07	1.24E-02	4.89E-07	4.04E+00	0.00E+00	6.30E+01	2.22E-05	6.30E+01	6.71E+01	4.04E+00	0.00E+00	0.00E+00	0.00E+00	6.96E+02

VB318P	2.34E-02	4.47E+00	1.46E-01	4.32E+00	0.00E+00	0.00E+00	1.79E+01	4.91E-05	5.65E-03	4.82E-02	0.00E+00	-4.61E-03	3.99E-09	5.46E-08	3.03E-01	8.29E+00	7.79E-04	0.00E+00	2.09E+01	6.85E-02	6.89E+01	0.00E+00	5.56E-07	2.36E-07	1.42E-02	2.53E-06	4.02E+00	0.00E+00	6.89E+01	2.51E-05	6.89E+01	7.29E+01	4.02E+00	0.00E+00	0.00E+00	0.00E+00	6.62E+02
VB318PB	2.22E-02	4.50E+00	1.31E-01	4.37E+00	0.00E+00	0.00E+00	1.60E+01	4.57E-05	4.76E-03	4.85E-02	0.00E+00	-3.51E-03	3.67E-09	4.22E-08	2.99E-01	7.99E+00	7.79E-04	0.00E+00	1.98E+01	5.39E-02	6.83E+01	0.00E+00	5.53E-07	2.34E-07	1.42E-02	2.18E-06	3.84E+00	0.00E+00	6.83E+01	2.54E-05	6.83E+01	7.21E+01	3.84E+00	0.00E+00	0.00E+00	0.00E+00	6.17E+02
VB318PE	2.50E-02	4.61E+00	1.48E-01	4.46E+00	0.00E+00	0.00E+00	1.72E+01	4.88E-05	6.51E-03	4.99E-02	0.00E+00	-4.80E-03	3.87E-09	6.03E-08	3.08E-01	8.54E+00	7.79E-04	0.00E+00	2.11E+01	7.09E-02	7.09E+01	0.00E+00	5.72E-07	2.44E-07	1.47E-02	2.60E-06	4.06E+00	0.00E+00	7.09E+01	2.62E-05	7.09E+01	7.49E+01	4.06E+00	0.00E+00	0.00E+00	0.00E+00	6.67E+02
VB318PP	2.56E-02	4.65E+00	1.53E-01	4.49E+00	0.00E+00	0.00E+00	1.76E+01	4.95E-05	6.88E-03	5.02E-02	0.00E+00	-5.16E-03	3.93E-09	6.45E-08	3.09E-01	8.66E+00	7.79E-04	0.00E+00	2.14E+01	7.57E-02	7.13E+01	0.00E+00	5.76E-07	2.46E-07	1.48E-02	2.72E-06	4.12E+00	0.00E+00	7.13E+01	2.63E-05	7.13E+01	7.54E+01	4.12E+00	0.00E+00	0.00E+00	0.00E+00	6.78E+02
VB318R	2.55E-02	4.53E+00	1.23E-01	4.41E+00	0.00E+00	0.00E+00	1.75E+01	4.98E-05	6.93E-03	4.93E-02	0.00E+00	-1.61E-03	3.91E-09	6.56E-08	3.00E-01	8.57E+00	7.79E-04	0.00E+00	2.12E+01	2.88E-02	7.01E+01	0.00E+00	5.65E-07	2.44E-07	1.46E-02	1.57E-06	4.07E+00	0.00E+00	7.01E+01	2.65E-05	7.01E+01	7.42E+01	4.07E+00	0.00E+00	0.00E+00	0.00E+00	6.79E+02
VB318TB	2.22E-02	4.50E+00	1.31E-01	4.37E+00	0.00E+00	0.00E+00	1.60E+01	4.57E-05	4.76E-03	4.85E-02	0.00E+00	-3.51E-03	3.67E-09	4.22E-08	2.99E-01	7.99E+00	7.79E-04	0.00E+00	1.98E+01	5.39E-02	6.83E+01	0.00E+00	5.53E-07	2.34E-07	1.42E-02	2.18E-06	3.84E+00	0.00E+00	6.83E+01	2.54E-05	6.83E+01	7.21E+01	3.84E+00	0.00E+00	0.00E+00	0.00E+00	6.17E+02
VB418A	2.28E-02	4.13E+00	1.66E-01	3.97E+00	0.00E+00	0.00E+00	1.77E+01	4.25E-05	6.90E-03	4.42E-02	0.00E+00	-6.88E-03	4.44E-09	6.98E-08	3.02E-01	7.88E+00	1.04E-03	0.00E+00	1.98E+01	1.01E-01	6.30E+01	0.00E+00	5.13E-07	2.09E-07	1.28E-02	3.42E-06	3.85E+00	0.00E+00	6.30E+01	1.98E-05	6.30E+01	6.69E+01	3.85E+00	0.00E+00	0.00E+00	0.00E+00	6.02E+02
VB418B	3.32E-02	5.88E+00	1.57E-01	5.72E+00	0.00E+00	0.00E+00	2.29E+01	6.58E-05	8.88E-03	6.39E-02	0.00E+00	-1.90E-03	5.10E-09	8.41E-08	3.85E-01	1.11E+01	1.04E-03	0.00E+00	2.76E+01	3.52E-02	9.12E+01	0.00E+00	7.34E-07	3.19E-07	1.90E-02	1.99E-06	5.29E+00	0.00E+00	9.12E+01	3.50E-05	9.12E+01	9.64E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	8.91E+02
VB418C	3.06E-02	5.64E+00	1.45E-01	5.50E+00	0.00E+00	0.00E+00	2.33E+01	6.52E-05	7.53E-03	6.15E-02	0.00E+00	-1.29E-03	3.83E-09	7.41E-08	3.80E-01	1.08E+01	0.00E+00	0.00E+00	2.73E+01	1.79E-02	8.86E+01	0.00E+00	7.13E-07	3.06E-07	1.82E-02	1.07E-06	5.20E+00	0.00E+00	8.86E+01	3.35E-05	8.86E+01	9.38E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	8.75E+02
VB418L	3.12E-02	5.96E+00	2.85E-01	5.58E+00	0.00E+00	0.00E+00	2.12E+01	6.17E-05	7.56E-03	6.22E-02	0.00E+00	-5.91E-03	4.43E-09	7.31E-08	3.56E-01	1.01E+01	9.65E-04	0.00E+00	2.53E+01	9.70E-02	8.66E+01	0.00E+00	6.87E-07	3.04E-07	1.83E-02	2.12E-06	4.91E+00	0.00E+00	8.66E+01	3.17E-05	8.66E+01	9.14E+01	4.91E+00	0.00E+00	0.00E+00	0.00E+00	8.15E+02
VB418MMP	2.82E-02	6.08E+00	3.43E-01	5.61E+00	0.00E+00	0.00E+00	1.99E+01	5.78E-05	6.98E-03	6.09E-02	0.00E+00	-5.13E-03	4.00E-09	6.29E-08	3.36E-01	9.42E+00	1.35E-04	0.00E+00	2.39E+01	1.72E-01	7.84E+01	0.00E+00	6.46E-07	2.85E-07	1.76E-02	3.24E-06	4.71E+00	0.00E+00	7.84E+01	3.07E-05	7.84E+01	8.62E+01	4.71E+00	0.00E+00	0.00E+00	0.00E+00	7.66E+02
VB418MMT	2.88E-02	5.96E+00	1.69E-01	5.62E+00	0.00E+00	0.00E+00	2.00E+01	5.78E-05	6.80E-03	6.07E-02	0.00E+00	-3.05E-03	4.00E-09	6.10E-08	3.40E-01	9.72E+00	1.39E-04	0.00E+00	2.40E+01	4.68E-02	8.10E+01	0.00E+00	6.54E-07	2.87E-07	1.78E-02	2.00E-06	4.75E+00	0.00E+00	8.10E+01	3.16E-05	8.10E+01	8.63E+01	4.75E+00	0.00E+00	0.00E+00	0.00E+00	7.77E+02
VB418MTP	2.93E-02	5.96E+00	1.69E-01	5.59E+00	0.00E+00	0.00E+00	2.01E+01	5.88E-05	6.84E-03	6.07E-02	0.00E+00	-3.21E-03	4.05E-09	6.12E-08	3.52E-01	1.01E+01	3.24E-04	0.00E+00	2.43E+01	4.91E-02	8.35E+01	0.00E+00	6.67E-07	2.96E-07	1.79E-02	2.05E-06	4.78E+00	0.00E+00	8.35E+01	3.16E-05	8.35E+01	8.82E+01	4.78E+00	0.00E+00	0.00E+00	0.00E+00	7.93E+02
VB418MTT	2.78E-02	6.07E+00	5.42E-01	5.56E+00	0.00E+00	0.00E+00	1.96E+01	5.83E-05	6.96E-03	6.01E-02	0.00E+00	-7.84E-02	3.87E-09	6.32E-08	3.33E-01	8.83E+00	3.17E-04	0.00E+00	2.30E+01	1.05E+00	7.86E+01	0.00E+00	5.86E-07	2.62E-07	1.80E-02	3.79E-05	4.18E+00	0.00E+00	7.86E+01	2.28E-05	7.86E+01	8.40E+01	4.18E+00	0.00E+00	0.00E+00	0.00E+00	7.66E+02
VB418P	3.06E-02	5.64E+00	1.45E-01	5.50E+00	0.00E+00	0.00E+00	2.33E+01	6.52E-05	7.53E-03	6.15E-02	0.00E+00	-1.29E-03	3.84E-09	7.41E-08	3.80E-01	1.08E+01	3.60E-07	0.00E+00	2.73E+01	1.79E-02	8.86E+01	0.00E+00	7.13E-07	3.06E-07	1.82E-02	1.07E-06	5.20E+00	0.00E+00	8.86E+01	3.35E-05	8.86E+01	9.38E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	8.75E+02
VB418PB	2.86E-02	5.76E+00	1.68E-01	5.59E+00	0.00E+00	0.00E+00	2.06E+01	6.03E-05	5.96E-03	6.21E-02	0.00E+00	-4.68E-03	4.73E-09	5.27E-08	3.77E-01	1.03E+01	1.04E-03	0.00E+00	2.55E+01	7.19E-02	8.79E+01	0.00E+00	7.10E-07	3.03E-07	1.82E-02	2.87E-06	4.92E+00	0.00E+00	8.79E+01	3.35E-05	8.79E+01	9.28E+01	4.92E+00	0.00E+00	0.00E+00	0.00E+00	8.06E+02
VB418PE	3.20E-02	5.91E+00	1.90E-01	5.72E+00	0.00E+00	0.00E+00	2.22E+01	6.42E-05	8.12E-03	6.39E-02	0.00E+00	-6.33E-03	5.00E-09	7.54E-08	3.88E-01	1.09E+01	1.04E-03	0.00E+00	2.71E+01	9.37E-02	9.10E+01	0.00E+00	7.33E-07	3.16E-07	1.89E-02	3.41E-06	5.21E+00	0.00E+00	9.10E+01	3.43E-05	9.10E+01	9.62E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	8.68E+02
VB418PP	3.29E-02	5.96E+00	1.97E-01	5.76E+00	0.00E+00	0.00E+00	2.27E+01	6.52E-05	8.67E-03	6.44E-02	0.00E+00	-6.88E-03	5.09E-09	8.17E-08	3.90E-01	1.11E+01	1.04E-03	0.00E+00	2.76E+01	1.01E-01	9.16E+01	0.00E+00	7.38E-07	3.19E-07	1.91E-02	3.59E-06	5.29E+00	0.00E+00	9.16E+01	3.44E-05	9.16E+01	9.68E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	8.85E+02
VB418R	3.32E-02	5.88E+00	1.57E-01	5.72E+00	0.00E+00	0.00E+00	2.29E+01	6.58E-05	8.88E-03	6.39E-02	0.00E+00	-1.90E-03	5.10E-09	8.41E-08	3.85E-01	1.11E+01	1.04E-03	0.00E+00	2.76E+01	3.52E-02	9.12E+01	0.00E+00	7.34E-07	3.19E-07	1.90E-02	1.99E-06	5.29E+00	0.00E+00	9.12E+01	3.50E-05	9.12E+01	9.64E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	8.91E+02
VB418TB	2.86E-02	5.76E+00	1.68E-01	5.59E+00	0.00E+00	0.00E+00	2.06E+01	6.03E-05	5.96E-03	6.21E-02	0.00E+00	-4.68E-03	4.73E-09	5.27E-08	3.77E-01	1.03E+01	1.04E-03	0.00E+00	2.55E+01	7.19E-02	8.79E+01	0.00E+00	7.10E-07	3.03E-07	1.82E-02	2.87E-06	4.92E+00	0.00E+00	8.79E+01	3.35E-05	8.79E+01	9.28E+01	4.92E+00	0.00E+00	0.00E+00	0.00E+00	8.06E+02
VD101ND	5.22E-04	1.79E-01	1.58E-03	1.48E-01	0.00E+00	0.00E+00	2.52E-01	8.00E-07	1.16E-04	1.49E-03	0.00E+00	-2.12E-04	3.31E-11	6.48E-10	5.14E-03	1.70E-01	4.67E-07	0.00E+00	3.42E-01	4.25E-03	1.42E+00	0.00E+00	1.15E-08	5.37E-09	3.73E-04	2.34E-08	7.17E-02	0.00E+00	1.42E+00	3.18E-07	1.42E+00	1.51E+00	7.17E-02	0.00E+00	0.00E+00	0.00E+00	1.19E+01
VD101NT	3.01E-04	6.70E-02	1.54E-03	6.54E-02	0.00E+00	0.00E+00	2.04E-01	4.81E-07	6.46E-05	7.37E-04	0.00E+00	2.63E-20	3.80E-11	4.81E-10	5.36E-03	1.18E-01	0.00E+00	0.00E+00	2.77E-01	1.25E-05	1.04E+00	0.00E+00	8.66E-09	3.26E-09	2.07E-04	8.88E-09	5.70E-02	0.00E+00	1.04E+00	3.24E-07	1.04E+00	1.10E+00	5.70E-02	0.00E+00	0.00E+00	0.00E+00	7.37E+00
VD102ND	5.57E-04	1.93E-01	1.83E-03	1.67E-01	0.00E+00	0.00E+00	2.76E-01	8.50E-07	1.28E-04	1.60E-03	0.00E+00	-2.16E-04	4.78E-11	7.17E-10	6.07E-03	1.81E-01	7.23E-08	0.00E+00	3.63E-01	4.79E-03	1.51E+00	0.00E+00	1.27E-08	5.75E-09	4.14E-04	2.63E-08	7.66E-02	0.00E+00	1.51E+00	3.12E-07	1.51E+00	1.59E+00	7.66E-02	0.00E+00	0.00E+00	0.00E+00	1.22E+01
VD102NE	4.85E-04	2.14E-01	1.41E-03	2.12E-01	0.00E+00	0.00E+00	1.60E-01	6.47E-08	1.42E-04	1.70E-03	0.00E+00	2.97E-20	3.92E-11	4.44E-10	2.43E-03	9.40E-02	0.00E+00	0.00E+00	1.39E-01	1.41E-05	5.68E-01	0.00E+00	5.82E-09	2.93E-09	3.84E-04	1.00E-08	3.51E-02	0.00E+00	5.68E-01	7.08E-08	5.68E-01	6.03E-01	3.51E-02	0.00E+00	0.00E+00	0.00E+00	4.30E+00
VD102NT	4.18E-04	2.14E-01	1.42E-03	2.13E-01	0.00E+00	0.00E+00	1.62E-01	6.97E-08	1.43E-04	1.70E-03	0.00E+00	2.98E-20	3.94E-11	4.49E-10	2.46E-03	9.49E-02	0.00E+00	0.00E+00	1.40E-01	1.42E-05	5.75E-01	0.00E+00	5.88E-09	2.96E-09	3.86E-04	1.01E-08	3.54E-02	0.00E+00	5.75E-01	7.41E-08	5.75E-01	6.10E-01	3.54E-02	0.00E+00	0.00E+00	0.00E+00	4.37E+00
VD104NE	4.41E-04	9.74E-02	2.25E-03	9.52E-02	0.00E+00	0.00E+00	2.80E-01	6.44E-07	9.53E-05	1.09E-03	0.00E+00	3.94E-20	5.33E-11	6.66E-10	8.23E-03	1.73E-01	0.00E+00	0.00E+00	4.01E-01	1.88E-05	1.56E+00	0.00E+00	1.30E-08	4.78E-09	3.05E-04	1.34E-08	8.37E-02	0.00E+00	1.56E+00	4.72E-07	1.56E+00	1.64E+00	8.37E-02	0.00E+00	0.00E+00	0.00E+00	1.02E+01
VD104NT	5.60E-04	2.88E-01	1.86E-03	2.87E-01	0.00E+00	0.00E+00	2.01E-01	6.05E-08	1.92E-04	2.29E-03	0.00E+00	3.97E-20	5.03E-11	5.69E-10	3.24E-03	1.25E-01	0.00E+00	0.00E+00	1.79E-01	1.89E-05	7.61E-01	0.00E+00	7.82E-09	3.94E-09	5.19E-04	1.35E-08	4.60E-02	0.00E+00	7.61E-01	9.75E-08	7.61E-01	8.07E-01	4.60E-02	0.00E+00	0.00E+00	0.00E+00	5.51E+00
VD106NE	1.72E-03	7.00E-01	5.98E-03	6.94E-01	0.00E+00	0.00E+00	9.69E-01	1.14E-06	4.72E-04	5.62E-03	0.00E+00	1.11E-19	2.00E-10	2.39E-09	1.01E-02	3.77E-01	0.00E+00	0.00E+00	7.46E-01	5.04E-05	2.29E+00	0.00E+00	2.20E-08	1.08E-08	1.29E-03	3.59E-08	1.63E-01	0.00E+00	2.29E+00	3.38E-07	2.29E+00	2.45E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
VD106NP	1.85E-03	5.62E-01	7.30E-03	5.01E-01	0.00E+00	0.00E+00	9.77E-01	1.57E-06	4.61E-04	5.33E-03	0.00E+00	-9.06E-06	1.92E-10	2.99E-09	1.51E-02	4.51E-01	5.30E-09	0.00E+00	9.29E-01	2.62E-04	3.27E+00	0.00E+00	2.98E-08	1.27E-08	1.25E-03	5.77E-08	1.98E-01	0.00E+00	3.27E+00	6.06E-07	3.27E+00	3.54E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	2.77E+01
VD106PD	1.81E-03	5.49E-01	7.51E-03	5.05E-01	0.00E+00	0.00E+00	9.86E-01	1.68E-06	4.62E-04	5.19E-03	0.00E+00	-9.06E-06	1.58E-10	2.96E-09	1.71E-02	4.61E-01	7.14E-07	0.00E+00	9.69E-01	2.55E-04	3.68E+00	0.00E+00	3.16E-08	1.29E-08	1.23E-03	5.43E-08	2.02E-01	0.00E+00	3.68E+00	7.50E-07	3.68E+00	3.86E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
VD106TD	1.81E-03	5.49E-01	7.51E-03	5.04E-01	0.00E+00	0.00E+00	9.86E-01	1.68E-06	4.61E-04	5.19E-03	0.00E+00	-9.06E-06	1.58E-10	2.96E-09	1.71E-02	4.61E-01	6.83E-07	0.00E+00	9.74E-01	2.55E-04	3.68E+00	0.00E+00	3.16E-08	1.29E-08	1.23E-03	5.43E-08	2.02E-01	0.00E+00	3.68E+00	7.54E-07	3.68E+00	3.86E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
VD106TF	1.80E-03	5.29E-01	7.25E-03	4.87E-01	0.00E+00	0.00E+00	9.52E-01	1.61E-06	4.61E-04	4.81E-03	0.00E+00	-9.06E-06	1.88E-10	2.89E-09	1.72E-02	4.44E-01	5.30E-09	0.00E+00	9.63E-01	2.61E-04	3.53E+00	0.00E+00	3.13E-08	1.28E-08	1.16E-03	6.16E-08	1.99E-01	0.00E+00	3.53E+00	7.47E-07	3.53E+00	3.75E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
VD108NE	2.04E-03	8.25E-01	7.18E-03	8.18E-01	0.00E+00	0.00E+00	1.19E+00	1.43E-06	5.57E-04	6.62E-03	0.00E+00	1.32E-19	2.43E-10	2.91E-09	1.21E-02	4.51E-01	0.00E+00	0.00E+00	9.07E-01	5.98E-05	2.73E+00	0.00E+00	2.62E-08	1.29E-08	1.52E-03	4.26E-08	1.97E-01	0.00E+00	2.73E+00	4.09E-07	2.73E+00	2.93E+00	1.97E-01	0.00E+00	0.00E+00	0.00E+00	2.99E+01
VD108NP	2.43E-03	7.72E-01	1.02E-02	7.97E-01	0.00E+00	0.00E+00	1.41E+00	2.36E-06	6.08E-04	6.57E-03	0.00E+00	-9.82E-06	1.93E-10	6.22E-09	1.66E-02	6.08E-01	1.06E-07	0.00E+00	1.23E+00	2.39E-04	3.66E+00	0.00E+00	3.45E-08	1.63E-08	1.58E-03	5.38E-08	2.68E-01	0.00E+00	3.66E+00	7.71E-07	3.66E+00	4.03E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
VD108PD	2.41E-03	8.58E-01	1.08E-02	8.48E-01	0.00E+00	0.00E+00	1.41E+00	2.44E-06	6.17E-04	7.16E-03	0.00E+00	-9.06E-06	2.32E-10	6.40E-09	1.94E-02	5.91E-01	5.30E-09	0.00E+00	1.22E+00	2.31E-04	4.16E+00	0.00E+00	3.73E-08	1.69E-08	1.65E-03	5.82E-08	2.54E-01	0.00E+00	4.16E+00	1.03E-06	4.16E+00	4.37E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	3.96E+01
VD108PP	2.81E-03	8.48E-01	1.08E-02	8.49E-01	0.00E+00	0.00E+00	1.49E+00	2.55E-06	6.49E-04	7.30E-03	0.00E+00	-9.82E-06	2.90E-10	6.98E-09	2.00E-02	6.42E-01	5.30E-09	0.00E+00	1.33E+00	2.64E-04	4.29E+00	0.00E+00	3.83E-08	1.74E-08	1.73E-03	5.95E-08	2.82E-01	0.00E+00	4.29E+00	1.08E-06	4.29E+00	4.54E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	4.20E+01
VD108TD	2.76E-03	8.31E-01	1.07E-02	8.01E-01	0.00E+00	0.00E+00	1.51E+00	2.71E-06	6.12E-04	6.96E-03	0.00E+00	-9.06E-06	2.03E-10	6.49E-09	1.94E-02	6.66E-01	6.83E-07	0.00E+00	1.38E+00	2.24E-04	4.32E+00	0.00E+00	3.78E-08	1.95E-08	1.62E-03	5.46E-08	2.69E-01	0.00E+00	4.32E+00	1.12E-06	4.32E+00	4.59E+00	2.69E-01	0.00E+00	0.00E+00	0.00E+00	4.91E+01
VD108TF	2.77E-03	8.56E-01	1.06E-02	8.30E-01	0.00E+00	0.00E+00	1.47E+00	2.26E-06	5.91E-04	7.07E-03	0.00E+00	-9.06E-06	2.30E-10	4.05E-09	1.89E-02	6.31E-01	5.30E-09	0.00E+00	1.31E+00	2.31E-04	4.14E+00	0.00E+00	3.66E-08	1.91E-08	1.63E-03	5.73E-08	2.57E-01	0.00E+00	4.14E+00	1.09E-06	4.14E+00	4.42E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	4.74E+01
VD108TP	4.05E-03	9.92E-01	1.10E-02	9.81E-01	0.00E+00	0.00E+00	1.81E+00	2.94E-06	1.24E-03	8.25E-03	0.00E+00	1.72E-19	3.52E-10	1.02E-08	1.83E-02	7.54E-01	0.00E+00	0.00E+00	1.58E+00	7.89E-05	4.48E+00	0.00E+00	4.08E-08	2.03E-08	2.01E-03	5.62E-08	3.22E-01	0.00E+00	4.48E+00	1.01E-06	4.48E+00	4.81E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
VD110NE	2.28E-03	9.15E-01	8.16E-03	9.06E-01	0.00E+00	0.00E+00	1.38E+00	1.73E-06	6.19E-04	7.35E-03	0.00E+00	1.48E-19	2.80E-10	3.36E-09	1.37E-02	5.11E-01	0.00E+00	0.00E+00	1.05E+00	6.69E-05	3.10E+00	0.00E+00	2.94E-08	1.44E-08	1.69E-03	4.76E-08	2.25E-01	0.00E+00	3.10E+00	4.69E-07	3.10E+00	3.32E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	3.47E+01
VD110NP	2.52E-03	8.59E-01	1.04E-02	8.44E-01	0.00E+00	0.00E+00	1.45E+00	2.48E-06	6.22E-04	6.92E-03	0.00E+00	-9.82E-06	1.96E-10	6.44E-09	1.91E-02	6.36E-01	7.14E-07	0.00E+00	1.27E+00	4.74E-04	3.91E+00	0.00E+00	3.52E-08	1.67E-08	1.63E-03	5.26E-08	2.75E-01	0.00E+00	3.91E+00	7.73E-07	3.91E+00	4.33E+00	2.75E-01	0.00E+00	0.00E+00	0.00E+00	3.96E+01
VD110PD	3.45E-03	8.90E-01	1.11E-02	8.40E-01	0.00E+00	0.00E+00	1.64E+00	2.68E-06	1.11E-03	7.19E-03	0.00E+00	-9.06E-06	2.95E-10	8.61E-09	2.20E-02	7.07E-01	5.30E-09	0.00E+00	1.44E+00	2.32E-04	4.39E+00	0.00E+00	3.84E-08	2.00E-08	1.87E-03	5.72E-08	2.83E-01	0.00E+00	4.39E+00	1.11E-06	4.39E+00	4.72E+00	2.83E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
VD110PP	3.58E-03	8.95E-01	1.11E-02	8.56E-01	0.00E+00	0.00E+00	1.70E+00	2.81E-06	1.13E-03	7.30E-03	0.00E+00	-9.82E-06	3.34E-10	8.65E-09	2.34E-02	7.44E-01	5.30E-09	0.00E+00	1.54E+00	2.62E-04	4.60E+00	0.00E+00	3.95E-08	2.01E-08	1.89E-03	5.79E-08	3.10E-01	0.00E+00	4.60E+00	1.16E-06	4.60E+00	4.98E+00	3.10E-01	0.00E+00	0.00E+00	0.00E+00	5.16E+01
VD110PT	3.13E-03	1.18E+00	1.77E-02	1.16E+00	0.00E+00	0.00E+00	4.02E+00	7.44E-06	8.54E-04	9.98E-03	0.00E+00	2.65E-19	7.14E-10	9.08E-09	3.03E-02	1.08E+00	0.00E+00	0.00E+00	2.98E+00	1.11E-04	6.91E+00	0.00E+00	5.85E-08	2.77E-08	2.44E-03	7.90E-08	5.60E-01	0.00E+00	6.91E+00	1.64E-06	6.91E+00	7.47E+00	5.60E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
VD110TD	3.43E-03	8.10E-01	1.10E-02	7.69E-01	0.00E+00	0.00E+00	1.67E+00	3.22E-06	1.12E-03	6.84E-03	0.00E+00	-9.06E-06	2.77E-10	8.76E-09	2.24E-02	7.17E-01	6.83E-07	0.00E+00	1.59E+00	2.25E-04	4.97E+00	0.00E+00	4.06E-08	2.09E-08	1.81E-03	5.38E-08	2.94E-01	0.00E+00	4.97E+00	1.24E-06	4.97E+00	5.37E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	5.52E+01
VD110TF	3.44E-03	8.55E-01	1.14E-02	8.10E-01	0.00E+00	0.00E+00	1.71E+00	3.14E-06	1.08E-03	7.39E-03	0.00E+00	-9.06E-06	3.35E-10	6.43E-09	2.26E-02	7.17E-01	5.30E-09	0.00E+00	1.64E+00	1.29E-04	4.99E+00	0.00E+00	4.24E-08	2.08E-08	1.86E-03	5.83E-08	3.15E-01	0.00E+00	4.99E+00	1.21E-06	4.99E+00	5.38E+00	3.15E-01	0.00E+00	0.00E+00	0.00E+00	5.65E+01
VD110TP	4.39E-03	1.09E+00	1.22E-02	1.08E+00	0.00E+00	0.00E+00	2.04E+00	3.39E-06	1.31E-03	9.12E-03	0.00E+00	1.92E-19	3.94E-10	1.08E-08	2.06E-02	8.36E-01	0.00E+00	0.00E+00	1.78E+00	8.76E-05	5.04E+00	0.00E+00	4.56E-08	2.26E-08	2.22E-03	6.24E-08	3.61E-01	0.00E+00	5.04E+00	1.17E-06	5.04E+00	5.40E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	6.12E+01
VD110TT	4.06E-03	1.19E+00	1.79E-02	1.18E+00	0.00E+00	0.00E+00	4.05E+00	7.60E-06	8.66E-04	1.01E-02	0.00E+00	2.68E-19	7.19E-10	9.13E-09	3.09E-02	1.10E+00	0.00E+00	0.00E+00	3.04E+00	1.13E-04	7.11E+00	0.00E+00	6.00E-08	2.85E-08	2.48E-03	8.02E-08	5.70E-01	0.00E+00	7.11E+00	1.74E-06	7.11E+00	7.68E+00	5.70E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
VD112NE	3.23E-03	1.33E+00	1.10E-02	1.31E+00	0.00E+00	0.00E+00	1.73E+00	1.93E-06	8.93E-04	1.06E-02	0.00E+00	2.07E-19	3.62E-10	4.30E-09	1.86E-02	6.97E-01	0.00E+00	0.00E+00	1.34E+00	9.43E-05	4.22E+00	0.00E+00	4.09E-08	2.02E-08	2.43E-03	6.72E-08	2.97E-01	0.00E+00	4.22E+00	6.15E-07	4.22E+00	4.52E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	4.39E+01
VD112NP	3.49E-03	1.08E+00	1.63E-02	1.08E+00	0.00E+00	0.00E+00	2.33E+00	3.47E-06	1.09E-03	9.18E-03	0.00E+00	-1.56E-05	4.19E-10	1.02E-08	3.51E-02	1.11E+00	5.30E-09	0.00E+00	2.11E+00	1.62E-04	6.99E+00	0.00E+00	6.26E-08	2.84E-08	2.36E-03	7.75E-08	4.67E-01	0.00E+00	6.99E+00	1.84E-06	6.99E+00	7.36E+00	4.67E-01	0.00E+00	0.00E+00	0.00E+00	6.03E+01
VD112PD	3.64E-03	9.27E-01	1.67E-02	9.92E-01	0.00E+00	0.00E+00	2.47E+00	5.29E-06	1.09E-03	8.85E-03	0.00E+00	-1.56E-05	4.48E-10	1.05E-08	3.98E-02	1.21E+00	5.30E-09	0.00E+00	2.87E+00	1.67E-04	9.02E+00	0.00E+00	7.39E-08	3.16E-08	2.34E-03	7.24E-08	5.47E-01	0.00E+00	9.02E+00	2.61E-06	9.02E+00	9.30E+00	5.47E-01	0.00E+00	0.00E+00	0.00E+00	8.58E+01
VD112PP	3.64E-03	9.27E-01	1.67E-02	9.92E-01	0.00E+00	0.00E+00	2.47E+00	5.29E-06	1.09E-03	8.85E-03	0.00E+00	-1.56E-05	4.48E-10	1.05E-08	3.98E-02	1.21E+00	5.30E-09	0.00E+00	2.87E+00	1.67E-04	9.02E+00	0.00E+00	7.39E-08	3.16E-08	2.34E-03	7.24E-08	5.47E-01	0.00E+00	9.02E+00	2.61E-06	9.02E+00	9.30E+00	5.47E-01	0.00E+00	0.00E+00	0.00E+00	8.58E+01
VD112TD	3.59E-03	9.23E-01	1.59E-02	9.90E-01	0.00E+00	0.00E+00	2.43E+00	5.64E-06	1.07E-03	8.63E-03	0.00E+00	-1.56E-05	4.45E-10	1.05E-08	4.27E-02	1.22E+00	5.30E-09	0.00E+00	2.90E+00	1.83E-04	9.19E+00	0.00E+00	7.49E-08	3.17E-08	2.29E-03	7.24E-08	5.53E-01	0.00E+00	9.19E+00	2.88E-06	9.19E+00	9.55E+00	5.53E-01	0.00E+00	0.00E+00	0.00E+00	8.65E+01
VD112TF	3.62E-03	9.32E-01	1.67E-02	9.77E-01	0.00E+00	0.00E+00	2.43E+00	4.94E-06	1.06E-03	8.94E-03	0.00E+00	-1.56E-05	4.19E-10	1.01E-08	3.98E-02	1.20E+00	5.30E-09	0.00E+00	2.85E+00	1.61E-04	9.02E+00	0.00E+00	7.39E-08	3.15E-08	2.33E-03	7.16E-08	5.47E-01	0.00E+00	9.02E+00	2.61E-06	9.02E+00	9.30E+00	5.47E-01	0.00E+00	0.00E+00	0.00E+00	8.42E+01
VD112TP	5.55E-03	1.53E+00	1.55E-02	1.51E+00	0.00E+00	0.00E+00	2.45E+00	3.95E-06	1.61E-03	1.27E-02	0.00E+00	2.57E-19	4.84E-10	1.19E-08	2.68E-02	1.07E+00	0.00E+00	0.00E+00	2.19E+00	1.18E-04	6.61E+00	0.00E+00	6.06E-08	3.01E-08	3.06E-03	8.44E-08	4.54E-01	0.00E+00	6.61E+00	1.55E-06	6.61E+00	7.07E+00	4.54E-01	0.00E+00	0.00E+00	0.00E+00	7.47E+01
VD118NE	4.23E-03	1.71E+00	1.49E-02	1.69E+00	0.00E+00	0.00E+00	2.45E+00	2.97E-06	1.16E-03	1.37E-02	0.00E+00	2.73E-19	5.04E-10	6.02E-09	2.51E-02	9.35E-01	0.00E+00	0.00E+00	1.88E+00	1.24E-04	5.67E+00	0.00E+00	5.42E-08	2.67E-08	3.15E-03	8.82E-08	4.07E-01	0.00E+00	5.67E+00	8.47E-07	5.67E+00	6.07E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	6.19E+01
VD118NP	4.96E-03	1.40E+00	1.79E-02	1.48E+00	0.00E+00	0.00E+00	2.71E+00	3.73E-06	1.36E-03	1.21E-02	0.00E+00	-3.43E-05	5.07E-10	1.07E-08	3.33E-02	1.16E+00	5.30E-09	0.00E+00	2.20E+00	4.67E-04	7.11E+00	0.00E+00	6.47E-08	3.09E-08	3.30E-03	8.54E-08	4.78E-01	0.00E+00	7.11E+00	1.89E-06	7.11E+00	7.89E+00	4.78E-01	0.00E+00	0.00E+00	0.00E+00	6.89E+01
VD118PD	4.94E-03	1.36E+00	1.83E-02	1.40E+00	0.00E+00	0.00E+00	3.00E+00	8.42E-06	1.37E-03	1.17E-02	0.00E+00	-3.85E-05	5.88E-10	9.87E-09	4.57E-02	1.48E+00	5.30E-09	0.00E+00	3.97E+00	4.35E-04	1.16E+01	0.00E+00	9.51E-08	4.12E-08	3.13E-03	1.05E-07	7.35E-01	0.00E+00	1.16E+01	3.19E-06	1.16E+01	1.22E+01	7.35E-01	0.00E+00	0.00E+00	0.00E+00	1.27E+02
VD118PP	5.45E-03	9.23E-01	2.52E-02	8.97E-01	0.00E+00	0.00E+00	4.43E+00	9.99E-06	1.86E-03	9.89E-03	0.00E+00	3.56E-19	7.82E-10	2.09E-08	6.68E-02	1.83E+00	0.00E+00	0.00E+00	4.66E+00	1.61E-04	1.39E+01	0.00E+00	1.14E-07	4.65E-08	2.86E-03	1.15E-07	8.97E-01	0.00E+00	1.39E+01	4.25E-06	1.39E+01	1.48E+01	8.97E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
VD118TD	5.37E-03	1.23E+00	2.15E-02	1.30E+00	0.00E+00	0.00E+00	3.97E+00	8.92E-06	1.52E-03	1.13E-02	0.00E+00	-6.87E-05	7.45E-10	1.41E-08	6.40E-02	1.70E+00	5.30E-09	0.00E+00	4.32E+00	6.55E-04	1.33E+01	0.00E+00	1.10E-07	4.44E-08	3.24E-03	1.16E-07	8.47E-01	0.00E+00	1.33E+01	3.64E-06	1.33E+01	1.40E+01	8.47E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
VD118TF	5.33E-03	1.28E+00	2.14E-02	1.44E+00	0.00E+00	0.00E+00	4.20E+00	9.31E-06	1.55E-03	1.13E-02	0.00E+00	-1.49E-04	7.46E-10	1.91E-08	6.48E-02	1.73E+00	5.30E-09	0.00E+00	4.58E+00	1.44E-03	1.34E+01	0.00E+00	1.10E-07	4.49E-08	3.25E-03	1.17E-07	8.78E-01	0.00E+00	1.34E+01	3.59E-06	1.34E+01	1.41E+01	8.78E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
VD118TP	5.61E-03	9.51E-01	2.57E-02	9.25E-01	0.00E+00	0.00E+00	4.52E+00	1.03E-05	1.89E-03	1.02E-02	0.00E+00	3.63E-19	7.93E-10	2.11E-08	6.82E-02	1.88E+00	0.00E+00	0.00E+00	4.78E+00	1.65E-04	1.43E+01	0.00E+00	1.17E-07	4.82E-08	2.96E-03	1.17E-07	9.20E-01	0.00E+00	1.43E+01	4.48E-06	1.43E+01	1.52E+01	9.20E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
VD212NE	4.35E-03	2.08E+00	1.86E-02	2.06E+00	0.00E+00	0.00E+00	3.16E+00	3.98E-06	1.40E-03	1.67E-02	0.00E+00	3.37E-19	6.41E-10	7.71E-09	3.13E-02	1.16E+00	0.00E+00	0.00E+00	2.40E+00	1.52E-04	7.05E+00	0.00E+00	6.70E-08	3.29E-08	3.84E-03	1.08E-07	5.14E-01	0.00E+00	7.05E+00	1.07E-06	7.05E+00	7.56E+00	5.14E-01	0.00E+00	0.00E+00	0.00E+00	7.93E+01
VD212PD	6.00E-03	1.75E+00	2.57E-02	1.52E+00	0.00E+00	0.00E+00	4.20E+00	5.99E-06	1.91E-03	1.46E-02	0.00E+00	-6.77E-05	7.69E-10	1.72E-08	4.78E-02	1.73E+00	1.06E-07	0.00E+00	3.85E+00	1.36E-03	1.18E+01	0.00E+00	1.05E-07	4.83E-08	4.07E-03	1.71E-07	7.85E-01	0.00E+00	1.18E+01	3.02E-06	1.18E+01	1.24E+01	7.85E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
VD212PDM	5.58E-03	1.57E+00	2.34E-02	1.62E+00	0.00E+00	0.00E+00	3.59E+00	5.08E-06	1.55E-03	1.58E-02	0.00E+00	-2.90E-05	7.39E-10	8.44E-09	4.58E-02	1.59E+00	5.30E-09	0.00E+00	3.30E+00	9.90E-04	9.72E+00	0.00E+00	9.28E-08	4.33E-08	3.95E-03	1.53E-07	6.91E-01	0.00E+00	9.72E+00	2.78E-06	9.72E+00	1.01E+01	6.91E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
VD212PP	5.62E-03	1.06E+00	2.84E-02	1.03E+00	0.00E+00	0.00E+00	4.66E+00	9.80E-06	1.75E-03	1.15E-02	0.00E+00	4.30E-19	8.49E-10	1.88E-08	8.35E-02	2.03E+00	0.00E+00	0.00E+00	5.09E+00	1.97E-04	1.61E+01	0.00E+00	1.33E-07	5.13E-08	3.24E-03	1.40E-07	1.01E+00	0.00E+00	1.61E+01	4.56E-06	1.61E+01	1.71E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+02
VD212TD	6.57E-03	1.87E+00	3.06E-02	1.50E+00	0.00E+00	0.00E+00	4.43E+00	8.09E-06	2.00E-03	1.50E-02	0.00E+00	-1.52E-04	8.37E-10	1.84E-08	7.32E-02	1.90E+00	5.30E-09	0.00E+00	4.25E+00	1.97E-03	1.44E+01	0.00E+00	1.30E-07	5.57E-08	4.20E-03	1.82E-07	8.90E-01	0.00E+00	1.44E+01	4.01E-06	1.44E+01	1.59E+01	8.90E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
VD212TF	6.57E-03	1.51E+00	2.95E-02	1.51E+00	0.00E+00	0.00E+00	4.37E+00	8.61E-06	2.01E-03	1.34E-02	0.00E+00	-1.04E-04	8.01E-10	1.83E-08	5.15E-02	1.82E+00	5.30E-09	0.00E+00	4.44E+00	1.49E-03	1.27E+01	0.00E+00	1.10E-07	5.10E-08	4.03E-03	1.64E-07	8.71E-01	0.00E+00	1.27E+01	4.31E-06	1.27E+01	1.33E+01	8.71E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
VE103A	2.39E-03	7.03E-01	1.86E-02	7.41E-01	0.00E+00	0.00E+00	1.30E+00	2.29E-06	5.84E-04	5.90E-03	0.00E+00	-1.90E-03	1.94E-10	3.63E-09	1.53E-02	5.92E-01	9.16E-07	0.00E+00	1.20E+00	1.97E-02	3.84E+00	0.00E+00	3.60E-08	1.74E-08	1.49E-03	3.97E-07	2.51E-01	0.00E+00	3.84E+00	8.79E-07	3.84E+00	4.11E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	4.11E+01
VE103D	2.49E-03	7.15E-01	1.83E-02	7.49E-01	0.00E+00	0.00E+00	1.32E+00	2.31E-06	5.93E-04	5.86E-03	0.00E+00	-1.35E-03	1.95E-10	5.44E-09	1.58E-02	5.88E-01	9.16E-07	0.00E+00	1.26E+00	1.50E-02	3.93E+00	0.00E+00	3.55E-08	1.73E-08	1.49E-03	3.54E-07	2.54E-01	0.00E+00	3.93E+00	9.80E-07	3.93E+00	4.16E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	4.20E+01
VE103E	1.79E-03	5.26E-01	1.89E-02	5.38E-01	0.00E+00	0.00E+00	1.15E+00	1.92E-06	5.39E-04	5.10E-03	0.00E+00	-6.46E-04	2.06E-10	3.28E-09	1.47E-02	5.11E-01	5.30E-09	0.00E+00	1.06E+00	1.02E-02	3.66E+00	0.00E+00	3.40E-08	1.49E-08	1.30E-03	3.23E-07	2.22E-01	0.00E+00	3.66E+00	8.75E-07	3.66E+00	3.84E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	3.54E+01
VE103F	1.83E-03	7.82E-01	1.65E-02	7.65E-01	0.00E+00	0.00E+00	1.11E+00	1.78E-06	5.74E-04	6.35E-03	0.00E+00	-1.18E-03	2.19E-10	3.19E-09	1.26E-02	4.81E-01	0.00E+00	0.00E+00	9.73E-01	1.56E-02	3.14E+00	0.00E+00	2.88E-08	1.43E-08	1.51E-03	4.19E-07	2.04E-01	0.00E+00	3.14E+00	6.36E-07	3.14E+00	3.34E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
VE103G	1.82E-03	5.48E-01	1.92E-02	5.55E-01	0.00E+00	0.00E+00	1.15E+00	1.92E-06	5.48E-04	5.14E-03	0.00E+00	-6.34E-04	2.31E-10	3.21E-09	1.50E-02	5.15E-01	5.30E-09	0.00E+00	1.06E+00	9.88E-03	3.78E+00	0.00E+00	3.50E-08	1.50E-08	1.33E-03	3.23E-07	2.25E-01	0.00E+00	3.78E+00	9.11E-07	3.78E+00	3.93E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	3.53E+01
VE103L	2.37E-03	6.97E-01	1.89E-02	7.24E-01	0.00E+00	0.00E+00	1.29E+00	2.17E-06	5.74E-04	5.82E-03	0.00E+00	-1.90E-03	1.91E-10	3.55E-09	1.49E-02	5.74E-01	9.16E-07	0.00E+00	1.16E+00	1.98E-02	3.78E+00	0.00E+00	3.55E-08	1.72E-08	1.47E-03	4.00E-07	2.45E-01	0.00E+00	3.78E+00	8.42E-07	3.78E+00	4.05E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	4.05E+01

VE103M	2.39E-03	7.05E-01	1.75E-02	7.66E-01	0.00E+00	0.00E+00	1.31E+00	2.15E-06	5.86E-04	6.08E-03	0.00E+00	-1.31E-03	2.41E-10	3.72E-09	1.54E-02	5.71E-01	5.30E-09	0.00E+00	1.17E+00	1.45E-02	3.84E+00	0.00E+00	3.57E-08	1.72E-08	1.52E-03	3.54E-07	2.46E-01	0.00E+00	3.84E+00	9.21E-07	3.84E+00	4.09E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	4.11E+01
VE103N	2.39E-03	6.96E-01	1.86E-02	7.23E-01	0.00E+00	0.00E+00	1.30E+00	2.29E-06	5.80E-04	5.80E-03	0.00E+00	-1.90E-03	1.92E-10	3.64E-09	1.53E-02	5.88E-01	9.16E-07	0.00E+00	1.20E+00	1.97E-02	3.85E+00	0.00E+00	3.60E-08	1.73E-08	1.48E-03	3.97E-07	2.50E-01	0.00E+00	3.85E+00	8.79E-07	3.85E+00	4.13E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	4.11E+01
VE103PN	3.10E-03	5.08E-01	1.18E-02	4.97E-01	0.00E+00	0.00E+00	1.49E+00	5.16E-06	4.37E-04	5.00E-03	0.00E+00	-4.19E-04	2.22E-10	3.42E-09	2.08E-02	7.55E-01	0.00E+00	0.00E+00	1.84E+00	5.58E-03	6.15E+00	0.00E+00	4.91E-08	2.40E-08	1.46E-03	1.77E-07	3.44E-01	0.00E+00	6.15E+00	2.83E-06	6.15E+00	6.49E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	6.64E+01
VE103S	2.58E-03	8.07E-01	1.26E-02	7.95E-01	0.00E+00	0.00E+00	1.33E+00	2.33E-06	6.54E-04	6.68E-03	0.00E+00	-5.66E-04	2.54E-10	4.19E-09	1.44E-02	5.54E-01	0.00E+00	0.00E+00	1.17E+00	7.52E-03	3.63E+00	0.00E+00	3.27E-08	1.62E-08	1.61E-03	2.26E-07	2.41E-01	0.00E+00	3.63E+00	8.95E-07	3.63E+00	3.87E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.03E+01
VE103SN	3.17E-03	5.20E-01	1.19E-02	5.08E-01	0.00E+00	0.00E+00	1.51E+00	5.25E-06	4.47E-04	5.11E-03	0.00E+00	-4.19E-04	2.26E-10	3.48E-09	2.11E-02	7.70E-01	0.00E+00	0.00E+00	1.88E+00	5.58E-03	6.27E+00	0.00E+00	5.01E-08	2.45E-08	1.50E-03	1.78E-07	3.50E-01	0.00E+00	6.27E+00	2.88E-06	6.27E+00	6.62E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
VE103U	2.55E-03	8.28E-01	1.86E-02	8.30E-01	0.00E+00	0.00E+00	1.36E+00	2.37E-06	5.96E-04	6.91E-03	0.00E+00	-1.20E-03	2.58E-10	3.60E-09	1.82E-02	6.36E-01	5.30E-09	0.00E+00	1.31E+00	1.75E-02	4.24E+00	0.00E+00	3.92E-08	1.81E-08	1.59E-03	4.95E-07	2.91E-01	0.00E+00	4.24E+00	9.44E-07	4.24E+00	4.48E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	4.29E+01
VE106A	4.10E-03	1.31E+00	3.09E-02	1.28E+00	0.00E+00	0.00E+00	2.11E+00	3.59E-06	1.07E-03	1.07E-02	0.00E+00	-2.27E-03	4.08E-10	6.96E-09	2.25E-02	8.68E-01	0.00E+00	0.00E+00	1.84E+00	3.00E-02	5.61E+00	0.00E+00	5.08E-08	2.51E-08	2.56E-03	7.96E-07	3.76E-01	0.00E+00	5.61E+00	1.15E-06	5.61E+00	5.99E+00	3.76E-01	0.00E+00	0.00E+00	0.00E+00	6.29E+01
VE106D	3.80E-03	1.12E+00	2.46E-02	1.05E+00	0.00E+00	0.00E+00	2.06E+00	3.62E-06	1.03E-03	9.51E-03	0.00E+00	-1.72E-03	3.90E-10	6.78E-09	3.06E-02	9.59E-01	1.01E-06	0.00E+00	2.07E+00	1.65E-02	6.52E+00	0.00E+00	5.85E-08	2.63E-08	2.35E-03	4.42E-07	4.20E-01	0.00E+00	6.52E+00	1.82E-06	6.52E+00	6.58E+00	4.20E-01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
VE106E	3.35E-03	1.24E+00	2.83E-02	1.21E+00	0.00E+00	0.00E+00	1.49E+00	2.28E-06	8.43E-04	1.00E-02	0.00E+00	-2.27E-03	3.01E-10	3.82E-09	1.85E-02	7.06E-01	0.00E+00	0.00E+00	1.35E+00	3.00E-02	4.68E+00	0.00E+00	4.35E-08	2.17E-08	2.36E-03	7.88E-07	2.90E-01	0.00E+00	4.68E+00	8.96E-07	4.68E+00	4.97E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
VE106F	3.25E-03	1.27E+00	2.98E-02	1.24E+00	0.00E+00	0.00E+00	1.75E+00	2.82E-06	1.14E-03	1.03E-02	0.00E+00	-2.27E-03	3.50E-10	7.39E-09	2.04E-02	8.11E-01	0.00E+00	0.00E+00	1.60E+00	3.00E-02	5.15E+00	0.00E+00	4.74E-08	2.37E-08	2.47E-03	7.91E-07	3.35E-01	0.00E+00	5.15E+00	1.01E-06	5.15E+00	5.48E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
VE106G	3.29E-03	1.12E+00	2.72E-02	1.05E+00	0.00E+00	0.00E+00	1.59E+00	2.81E-06	8.92E-04	8.08E-03	0.00E+00	-1.86E-03	3.19E-10	4.51E-09	1.96E-02	7.55E-01	5.30E-09	0.00E+00	1.53E+00	2.47E-02	5.05E+00	0.00E+00	4.68E-08	2.24E-08	2.08E-03	6.95E-07	3.17E-01	0.00E+00	5.05E+00	1.22E-06	5.05E+00	5.29E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	5.14E+01
VE106H	6.81E-03	1.00E+00	2.71E-02	9.75E-01	0.00E+00	0.00E+00	4.09E+00	1.15E-05	2.70E-03	9.98E-03	0.00E+00	-5.44E-04	6.67E-10	2.94E-08	4.42E-02	1.85E+00	0.00E+00	0.00E+00	4.48E+00	7.30E-03	1.25E+01	0.00E+00	1.01E-07	5.01E-08	3.02E-03	2.64E-07	8.24E-01	0.00E+00	1.25E+01	5.03E-06	1.25E+01	1.33E+01	8.24E-01	0.00E+00	0.00E+00	0.00E+00	1.62E+02
VE106L	3.57E-03	1.25E+00	2.66E-02	1.21E+00	0.00E+00	0.00E+00	1.90E+00	3.14E-06	1.01E-03	1.05E-02	0.00E+00	-2.15E-03	3.63E-10	7.36E-09	2.06E-02	8.33E-01	1.01E-06	0.00E+00	1.70E+00	2.62E-02	5.38E+00	0.00E+00	4.86E-08	2.42E-08	2.50E-03	7.29E-07	3.57E-01	0.00E+00	5.38E+00	1.32E-06	5.38E+00	5.67E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	5.94E+01
VE106M	3.48E-03	1.25E+00	2.41E-02	1.24E+00	0.00E+00	0.00E+00	1.94E+00	3.66E-06	1.02E-03	1.02E-02	0.00E+00	-1.63E-03	3.55E-10	7.27E-09	2.28E-02	8.68E-01	5.30E-09	0.00E+00	1.84E+00	1.75E-02	5.63E+00	0.00E+00	5.01E-08	2.48E-08	2.47E-03	4.97E-07	3.71E-01	0.00E+00	5.63E+00	1.61E-06	5.63E+00	5.91E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	6.24E+01
VE106N	4.09E-03	1.50E+00	2.79E-02	1.29E+00	0.00E+00	0.00E+00	2.25E+00	4.12E-06	1.28E-03	1.20E-02	0.00E+00	-2.66E-03	3.95E-10	1.03E-08	2.46E-02	9.76E-01	9.93E-07	0.00E+00	2.10E+00	3.34E-02	6.27E+00	0.00E+00	5.61E-08	2.75E-08	2.70E-03	9.12E-07	4.35E-01	0.00E+00	6.27E+00	1.56E-06	6.27E+00	6.64E+00	4.35E-01	0.00E+00	0.00E+00	0.00E+00	7.26E+01
VE106PN	5.23E-03	8.65E-01	1.85E-02	8.46E-01	0.00E+00	0.00E+00	2.47E+00	8.60E-06	7.41E-04	8.48E-03	0.00E+00	-5.44E-04	3.72E-10	5.69E-09	3.49E-02	1.27E+00	0.00E+00	0.00E+00	3.09E+00	7.27E-03	1.03E+01	0.00E+00	8.27E-08	4.04E-08	2.48E-03	2.47E-07	5.76E-01	0.00E+00	1.03E+01	4.77E-06	1.03E+01	1.09E+01	5.76E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
VE106R	3.51E-03	1.27E+00	2.69E-02	1.25E+00	0.00E+00	0.00E+00	1.91E+00	3.46E-06	9.95E-04	1.05E-02	0.00E+00	-1.91E-03	3.65E-10	7.32E-09	2.22E-02	8.56E-01	5.30E-09	0.00E+00	1.77E+00	2.56E-02	5.55E+00	0.00E+00	4.96E-08	2.43E-08	2.50E-03	7.30E-07	3.65E-01	0.00E+00	5.55E+00	1.37E-06	5.55E+00	5.84E+00	3.65E-01	0.00E+00	0.00E+00	0.00E+00	6.03E+01
VE106S	4.36E-03	1.32E+00	1.90E-02	1.30E+00	0.00E+00	0.00E+00	2.21E+00	4.03E-06	1.09E-03	1.10E-02	0.00E+00	-6.91E-04	4.22E-10	7.14E-09	2.43E-02	9.35E-01	0.00E+00	0.00E+00	1.99E+00	9.21E-03	6.17E+00	0.00E+00	5.52E-08	2.73E-08	2.66E-03	2.95E-07	4.07E-01	0.00E+00	6.17E+00	1.61E-06	6.17E+00	6.58E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	6.85E+01
VE106SN	5.28E-03	8.74E-01	1.86E-02	8.56E-01	0.00E+00	0.00E+00	2.48E+00	8.67E-06	7.49E-04	8.57E-03	0.00E+00	-5.44E-04	3.74E-10	5.73E-09	3.52E-02	1.28E+00	0.00E+00	0.00E+00	3.11E+00	7.27E-03	1.04E+01	0.00E+00	8.35E-08	4.08E-08	2.50E-03	2.48E-07	5.81E-01	0.00E+00	1.04E+01	4.81E-06	1.04E+01	1.10E+01	5.81E-01	0.00E+00	0.00E+00	0.00E+00	1.12E+02
VE106U	3.35E-03	1.37E+00	3.38E-02	1.33E+00	0.00E+00	0.00E+00	3.03E+00	5.49E-06	9.57E-04	1.13E-02	0.00E+00	-2.27E-03	5.53E-10	7.16E-09	2.76E-02	1.01E+00	0.00E+00	0.00E+00	2.43E+00	3.00E-02	6.65E+00	0.00E+00	5.83E-08	2.83E-08	2.71E-03	8.05E-07	4.77E-01	0.00E+00	6.65E+00	1.43E-06	6.65E+00	7.12E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	8.38E+01
VE106YN	4.44E-03	1.07E+00	2.25E-02	1.01E+00	0.00E+00	0.00E+00	2.46E+00	7.47E-06	1.01E-03	9.85E-03	0.00E+00	-1.13E-03	4.05E-10	7.29E-09	3.29E-02	1.15E+00	5.30E-09	0.00E+00	2.81E+00	1.47E-02	8.74E+00	0.00E+00	7.38E-08	3.60E-08	2.58E-03	3.62E-07	5.29E-01	0.00E+00	8.74E+00	4.52E-06	8.74E+00	9.42E+00	5.29E-01	0.00E+00	0.00E+00	0.00E+00	9.61E+01
VE110A	4.55E-03	1.81E+00	4.11E-02	1.77E+00	0.00E+00	0.00E+00	2.77E+00	4.87E-06	1.47E-03	1.48E-02	0.00E+00	-2.96E-03	5.35E-10	9.20E-09	3.14E-02	1.21E+00	0.00E+00	0.00E+00	2.51E+00	3.92E-02	7.94E+00	0.00E+00	7.18E-08	3.55E-08	3.57E-03	1.05E-06	5.16E-01	0.00E+00	7.94E+00	1.78E-06	7.94E+00	8.46E+00	5.16E-01	0.00E+00	0.00E+00	0.00E+00	8.58E+01
VE110D	5.02E-03	1.86E+00	3.02E-02	1.88E+00	0.00E+00	0.00E+00	2.94E+00	5.32E-06	1.50E-03	1.55E-02	0.00E+00	-2.27E-03	5.47E-10	1.06E-08	3.21E-02	1.32E+00	1.13E-06	0.00E+00	2.88E+00	2.37E-02	8.64E+00	0.00E+00	7.83E-08	3.91E-08	3.72E-03	6.93E-07	5.74E-01	0.00E+00	8.64E+00	2.10E-06	8.64E+00	9.22E+00	5.74E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
VE110E	4.64E-03	1.64E+00	2.97E-02	1.57E+00	0.00E+00	0.00E+00	2.69E+00	4.66E-06	1.23E-03	1.39E-02	0.00E+00	-2.09E-03	5.13E-10	9.52E-09	3.18E-02	1.29E+00	5.30E-09	0.00E+00	2.56E+00	2.95E-02	8.28E+00	0.00E+00	7.34E-08	3.58E-08	3.27E-03	8.35E-07	5.24E-01	0.00E+00	8.28E+00	1.91E-06	8.28E+00	8.69E+00	5.24E-01	0.00E+00	0.00E+00	0.00E+00	8.69E+01
VE110F	5.99E-03	1.78E+00	4.03E-02	1.74E+00	0.00E+00	0.00E+00	2.49E+00	4.20E-06	1.65E-03	1.46E-02	0.00E+00	-2.96E-03	4.92E-10	1.08E-08	2.95E-02	1.17E+00	0.00E+00	0.00E+00	2.32E+00	3.92E-02	7.53E+00	0.00E+00	6.89E-08	3.44E-08	3.52E-03	1.04E-06	4.85E-01	0.00E+00	7.53E+00	1.62E-06	7.53E+00	8.02E+00	4.85E-01	0.00E+00	0.00E+00	0.00E+00	7.97E+01
VE110G	4.65E-03	1.64E+00	2.95E-02	1.57E+00	0.00E+00	0.00E+00	2.62E+00	4.67E-06	1.22E-03	1.37E-02	0.00E+00	-2.09E-03	5.07E-10	8.83E-09	3.18E-02	1.26E+00	5.30E-09	0.00E+00	2.51E+00	2.94E-02	8.06E+00	0.00E+00	7.24E-08	3.56E-08	3.24E-03	8.35E-07	5.18E-01	0.00E+00	8.06E+00	1.91E-06	8.06E+00	8.45E+00	5.18E-01	0.00E+00	0.00E+00	0.00E+00	8.41E+01
VE110H	9.50E-03	1.50E+00	4.48E-02	1.46E+00	0.00E+00	0.00E+00	7.13E+00	1.93E-05	3.48E-03	1.49E-02	0.00E+00	-1.11E-03	1.15E-09	3.84E-08	6.94E-02	2.80E+00	0.00E+00	0.00E+00	7.22E+00	1.49E-02	1.91E+01	0.00E+00	1.52E-07	7.48E-08	4.48E-03	4.95E-07	1.31E+00	0.00E+00	1.91E+01	7.60E-06	1.91E+01	2.04E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+02
VE110L	5.34E-03	1.80E+00	4.20E-02	1.76E+00	0.00E+00	0.00E+00	2.77E+00	4.68E-06	2.09E-03	1.48E-02	0.00E+00	-2.96E-03	5.46E-10	1.61E-08	3.11E-02	1.29E+00	0.00E+00	0.00E+00	2.58E+00	3.92E-02	7.90E+00	0.00E+00	7.20E-08	3.62E-08	3.61E-03	1.04E-06	5.31E-01	0.00E+00	7.90E+00	1.64E-06	7.90E+00	8.43E+00	5.31E-01	0.00E+00	0.00E+00	0.00E+00	8.92E+01
VE110M	5.39E-03	1.79E+00	3.16E-02	1.76E+00	0.00E+00	0.00E+00	2.87E+00	5.15E-06	1.52E-03	1.54E-02	0.00E+00	-2.26E-03	5.51E-10	1.12E-08	3.10E-02	1.29E+00	1.31E-07	0.00E+00	2.64E+00	2.72E-02	8.38E+00	0.00E+00	7.65E-08	3.76E-08	3.63E-03	8.03E-07	5.47E-01	0.00E+00	8.38E+00	2.02E-06	8.38E+00	8.96E+00	5.47E-01	0.00E+00	0.00E+00	0.00E+00	9.51E+01
VE110N	5.11E-03	1.83E+00	3.33E-02	1.80E+00	0.00E+00	0.00E+00	3.08E+00	5.60E-06	1.49E-03	1.55E-02	0.00E+00	-2.43E-03	6.05E-10	1.13E-08	3.21E-02	1.31E+00	5.30E-09	0.00E+00	2.76E+00	3.17E-02	8.55E+00	0.00E+00	7.81E-08	3.84E-08	3.73E-03	8.61E-07	5.63E-01	0.00E+00	8.55E+00	2.04E-06	8.55E+00	9.13E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	9.85E+01
VE110PN	7.33E-03	1.20E+00	2.56E-02	1.17E+00	0.00E+00	0.00E+00	3.44E+00	1.21E-05	1.03E-03	1.18E-02	0.00E+00	-7.32E-04	5.17E-10	7.93E-09	4.89E-02	1.78E+00	0.00E+00	0.00E+00	4.33E+00	9.79E-03	1.45E+01	0.00E+00	1.16E-07	5.66E-08	3.46E-03	3.35E-07	8.07E-01	0.00E+00	1.45E+01	6.73E-06	1.45E+01	1.53E+01	8.07E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
VE110PVH	4.79E-03	1.70E+00	2.01E-02	1.68E+00	0.00E+00	0.00E+00	2.10E+00	3.43E-06	1.18E-03	1.39E-02	0.00E+00	-7.32E-04	4.22E-10	5.30E-09	2.65E-02	1.01E+00	0.00E+00	0.00E+00	1.96E+00	9.77E-03	6.80E+00	0.00E+00	6.28E-08	3.13E-08	3.31E-03	3.22E-07	4.21E-01	0.00E+00	6.80E+00	1.70E-06	6.80E+00	7.23E+00	4.21E-01	0.00E+00	0.00E+00	0.00E+00	6.63E+01
VE110S	4.84E-03	1.84E+00	2.54E-02	1.81E+00	0.00E+00	0.00E+00	2.93E+00	5.53E-06	1.51E-03	1.54E-02	0.00E+00	-8.79E-04	5.58E-10	9.50E-09	3.41E-02	1.31E+00	0.00E+00	0.00E+00	2.74E+00	1.17E-02	8.81E+00	0.00E+00	7.86E-08	3.89E-08	3.74E-03	3.85E-07	5.63E-01	0.00E+00	8.81E+00	2.45E-06	8.81E+00	9.37E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	9.45E+01
VE110SN	7.48E-03	1.22E+00	2.60E-02	1.20E+00	0.00E+00	0.00E+00	3.50E+00	1.23E-05	1.05E-03	1.21E-02	0.00E+00	-7.32E-04	5.25E-10	8.06E-09	4.98E-02	1.81E+00	0.00E+00	0.00E+00	4.40E+00	9.79E-03	1.48E+01	0.00E+00	1.18E-07	5.78E-08	3.53E-03	3.38E-07	8.22E-01	0.00E+00	1.48E+01	6.86E-06	1.48E+01	1.56E+01	8.22E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
VE110U	4.75E-03	1.91E+00	4.54E-02	1.86E+00	0.00E+00	0.00E+00	4.14E+00	7.71E-06	1.34E-03	1.58E-02	0.00E+00	-2.96E-03	7.56E-10	9.82E-09	3.89E-02	1.43E+00	0.00E+00	0.00E+00	3.41E+00	3.92E-02	9.53E+00	0.00E+00	8.33E-08	4.05E-08	3.83E-03	1.06E-06	6.69E-01	0.00E+00	9.53E+00	2.21E-06	9.53E+00	1.02E+01	6.69E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
VE110YN	6.51E-03	1.40E+00	2.99E-02	1.52E+00	0.00E+00	0.00E+00	3.17E+00	9.97E-06	1.29E-03	1.32E-02	0.00E+00	-1.62E-03	5.44E-10	1.06E-08	4.20E-02	1.52E+00	9.91E-07	0.00E+00	3.76E+00	1.73E-02	1.19E+01	0.00E+00	9.80E-08	4.98E-08	3.50E-03	4.89E-07	7.04E-01	0.00E+00	1.19E+01	5.57E-06	1.19E+01	1.26E+01	7.04E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
VE112DK	9.47E-03	3.78E+00	6.61E-02	3.60E+00	0.00E+00	0.00E+00	4.95E+00	8.81E-06	3.02E-03	3.06E-02	0.00E+00	-4.62E-03	9.54E-10	1.97E-08	6.30E-02	2.42E+00	5.30E-09	0.00E+00	4.68E+00	6.01E-02	1.58E+01	0.00E+00	1.48E-07	7.07E-08	6.90E-03	1.65E-06	9.80E-01	0.00E+00	1.58E+01	3.71E-06	1.58E+01	1.69E+01	9.80E-01	0.00E+00	0.00E+00	0.00E+00	1.57E+02
VE112DN	1.23E-02	4.03E+00	6.92E-02	3.81E+00	0.00E+00	0.00E+00	7.21E+00	1.38E-05	4.87E-03	3.18E-02	0.00E+00	-3.44E-03	1.36E-09	3.99E-08	8.40E-02	3.24E+00	9.80E-06	0.00E+00	7.31E+00	4.28E-02	2.26E+01	0.00E+00	2.11E-07	9.16E-08	7.85E-03	1.15E-06	1.45E+00	0.00E+00	2.26E+01	5.90E-06	2.26E+01	2.40E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	2.47E+02
VE112E	9.01E-03	3.74E+00	3.88E-02	3.56E+00	0.00E+00	0.00E+00	4.71E+00	8.40E-06	2.75E-03	3.01E-02	0.00E+00	-3.72E-03	8.95E-10	1.76E-08	6.11E-02	2.35E+00	5.30E-09	0.00E+00	4.50E+00	4.81E-02	1.53E+01	0.00E+00	1.41E-07	6.58E-08	6.59E-03	1.38E-06	9.47E-01	0.00E+00	1.53E+01	3.61E-06	1.53E+01	1.62E+01	9.47E-01	0.00E+00	0.00E+00	0.00E+00	1.51E+02
VE112F	1.28E-02	3.79E+00	7.62E-02	3.72E+00	0.00E+00	0.00E+00	4.92E+00	8.69E-06	3.46E-03	3.12E-02	0.00E+00	-5.24E-03	9.74E-10	2.05E-08	6.24E-02	2.48E+00	0.00E+00	0.00E+00	4.83E+00	6.94E-02	1.63E+01	0.00E+00	1.48E-07	7.43E-08	7.55E-03	1.87E-06	1.01E+00	0.00E+00	1.63E+01	3.92E-06	1.63E+01	1.73E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+02
VE112G	8.99E-03	3.74E+00	3.86E-02	3.56E+00	0.00E+00	0.00E+00	4.77E+00	8.43E-06	2.74E-03	3.01E-02	0.00E+00	-3.72E-03	8.98E-10	1.70E-08	6.11E-02	2.35E+00	5.30E-09	0.00E+00	4.51E+00	4.81E-02	1.53E+01	0.00E+00	1.42E-07	6.59E-08	6.59E-03	1.38E-06	9.47E-01	0.00E+00	1.53E+01	3.66E-06	1.53E+01	1.61E+01	9.47E-01	0.00E+00	0.00E+00	0.00E+00	1.51E+02
VE112H	2.10E-02	3.01E+00	7.93E-02	2.93E+00	0.00E+00	0.00E+00	1.13E+01	3.26E-05	8.70E-03	2.99E-02	0.00E+00	-1.68E-03	1.86E-09	9.02E-08	1.27E-01	5.47E+00	0.00E+00	0.00E+00	1.29E+01	2.25E-02	3.65E+01	0.00E+00	2.94E-07	1.48E-07	9.06E-03	7.98E-07	2.38E+00	0.00E+00	3.65E+01	1.48E-05	3.65E+01	3.88E+01	2.38E+00	0.00E+00	0.00E+00	0.00E+00	4.69E+02
VE112L	9.02E-03	3.74E+00	6.98E-02	3.67E+00	0.00E+00	0.00E+00	4.68E+00	7.59E-06	2.92E-03	3.05E-02	0.00E+00	-4.69E-03	9.41E-10	1.57E-08	5.91E-02	2.29E+00	0.00E+00	0.00E+00	4.40E+00	6.21E-02	1.51E+01	0.00E+00	1.39E-07	6.93E-08	7.28E-03	1.69E-06	9.39E-01	0.00E+00	1.51E+01	3.37E-06	1.51E+01	1.60E+01	9.39E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
VE112M	1.21E-02	3.88E+00	6.37E-02	3.74E+00	0.00E+00	0.00E+00	5.98E+00	1.19E-05	3.30E-03	3.15E-02	0.00E+00	-2.88E-03	1.17E-09	2.74E-08	7.10E-02	2.83E+00	7.96E-06	0.00E+00	6.14E+00	3.79E-02	1.86E+01	0.00E+00	1.67E-07	8.08E-08	7.77E-03	1.08E-06	1.21E+00	0.00E+00	1.86E+01	4.68E-06	1.86E+01	1.97E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+02
VE112N	9.07E-03	3.77E+00	6.86E-02	3.70E+00	0.00E+00	0.00E+00	4.97E+00	8.36E-06	2.83E-03	3.04E-02	0.00E+00	-4.61E-03	1.07E-09	1.69E-08	6.21E-02	2.40E+00	1.06E-06	0.00E+00	4.75E+00	6.21E-02	1.60E+01	0.00E+00	1.49E-07	7.14E-08	7.05E-03	1.71E-06	9.98E-01	0.00E+00	1.60E+01	3.83E-06	1.60E+01	1.70E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	1.64E+02
VE112PN	1.55E-02	2.47E+00	4.76E-02	2.42E+00	0.00E+00	0.00E+00	6.79E+00	2.49E-05	2.15E-03	2.46E-02	0.00E+00	-9.31E-04	1.00E-09	1.57E-08	1.02E-01	3.70E+00	0.00E+00	0.00E+00	8.90E+00	1.26E-02	3.06E+01	0.00E+00	2.45E-07	1.19E-07	7.26E-03	5.07E-07	1.66E+00	0.00E+00	3.06E+01	1.45E-05	3.06E+01	3.23E+01	1.66E+00	0.00E+00	0.00E+00	0.00E+00	3.21E+02
VE112PVH	9.64E-03	3.53E+00	3.52E-02	3.50E+00	0.00E+00	0.00E+00	3.77E+00	5.61E-06	2.43E-03	2.89E-02	0.00E+00	-9.31E-04	7.84E-10	9.73E-09	5.16E-02	1.99E+00	0.00E+00	0.00E+00	3.61E+00	1.25E-02	1.33E+01	0.00E+00	1.24E-07	6.22E-08	6.81E-03	4.77E-07	7.99E-01	0.00E+00	1.33E+01	3.25E-06	1.33E+01	1.41E+01	7.99E-01	0.00E+00	0.00E+00	0.00E+00	1.21E+02
VE112S	1.28E-02	3.90E+00	5.98E-02	3.84E+00	0.00E+00	0.00E+00	6.32E+00	1.15E-05	5.17E-03	3.28E-02	0.00E+00	-2.18E-03	1.23E-09	3.91E-08	7.31E-02	3.07E+00	0.00E+00	0.00E+00	6.18E+00	2.90E-02	1.88E+01	0.00E+00	1.68E-07	8.49E-08	8.13E-03	9.17E-07	1.26E+00	0.00E+00	1.88E+01	4.87E-06	1.88E+01	2.01E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	2.14E+02
VE112SN	1.57E-02	2.52E+00	4.83E-02	2.47E+00	0.00E+00	0.00E+00	6.89E+00	2.53E-05	2.20E-03	2.51E-02	0.00E+00	-9.31E-04	1.02E-09	1.59E-08	1.04E-01	3.77E+00	0.00E+00	0.00E+00	9.05E+00	1.26E-02	3.11E+01	0.00E+00	2.49E-07	1.22E-07	7.40E-03	5.12E-07	1.69E+00	0.00E+00	3.11E+01	1.47E-05	3.11E+01	3.28E+01	1.69E+00	0.00E+00	0.00E+00	0.00E+00	3.26E+02
VE112U	8.96E-03	3.82E+00	7.35E-02	3.75E+00	0.00E+00	0.00E+00	5.93E+00	1.02E-05	2.65E-03	3.13E-02	0.00E+00	-4.69E-03	1.14E-09	1.46E-08	6.57E-02	2.46E+00	0.00E+00	0.00E+00	5.18E+00	6.21E-02	1.64E+01	0.00E+00	1.49E-07	7.31E-08	7.48E-03	1.71E-06	1.07E+00	0.00E+00	1.64E+01	3.73E-06	1.64E+01	1.75E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+02
VE118AK	2.11E-02	5.32E+00	1.24E-01	5.19E+00	0.00E+00	0.00E+00	7.98E+00	1.45E-05	6.24E-03	4.39E-02	0.00E+00	-8.80E-03	1.55E-09	4.47E-08	9.25E-02	3.86E+00	0.00E+00	0.00E+00	7.75E+00	1.16E-01	2.41E+01	0.00E+00	2.16E-07	1.09E-07	1.08E-02	3.10E-06	1.59E+00	0.00E+00	2.41E+01	5.60E-06	2.41E+01	2.57E+01	1.59E+00	0.00E+00	0.00E+00	0.00E+00	2.69E+02
VE118H	2.56E-02	4.00E+00	1.05E-01	3.90E+00	0.00E+00	0.00E+00	1.57E+01	4.58E-05	9.66E-03	3.97E-02	0.00E+00	-2.27E-03	2.54E-09	9.81E-08	1.72E-01	7.12E+00	0.00E+00	0.00E+00	1.74E+01	3.05E-02	4.92E+01	0.00E+00	3.93E-07	1.96E-07	1.19E-02	1.08E-06	3.20E+00	0.00E+00	4.92E+01	2.05E-05	4.92E+01	5.24E+01	3.20E+00	0.00E+00	0.00E+00	0.00E+00	6.32E+02
VE118L	1.24E-02	5.11E+00	1.03E-01	5.01E+00	0.00E+00	0.00E+00	6.36E+00	1.06E-05	3.96E-03	4.17E-02	0.00E+00	-7.33E-03	1.27E-09	2.11E-08	8.13E-02	3.14E+00	0.00E+00	0.00E+00	6.06E+00	9.70E-02	2.09E+01	0.00E+00	1.92E-07	9.57E-08	9.98E-03	2.61E-06	1.29E+00	0.00E+00	2.09E+01	4.74E-06	2.09E+01	2.22E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+02
VE118PN	2.10E-02	3.33E+00	6.35E-02	3.27E+00	0.00E+00	0.00E+00	9.24E+00	3.40E-05	2.91E-03	3.33E-02	0.00E+00	-1.14E-03	1.36E-09	2.13E-08	1.38E-01	5.03E+00	0.00E+00	0.00E+00	1.21E+01	1.55E-02	4.16E+01	0.00E+00	3.32E-07	1.62E-07	9.83E-03	6.49E-07	2.26E+00	0.00E+00	4.16E+01	1.97E-05	4.16E+01	4.38E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	4.36E+02
VE118S	1.72E-02	5.29E+00	8.24E-02	5.21E+00	0.00E+00	0.00E+00	8.64E+00	1.59E-05	6.91E-03	4.45E-02	0.00E+00	-3.12E-03	1.68E-09	5.22E-08	9.90E-02	4.15E+00	0.00E+00	0.00E+00	8.42E+00	4.16E-02	2.55E+01	0.00E+00	2.28E-07	1.15E-07	1.10E-02	1.30E-06	1.72E+00	0.00E+00	2.55E+01	6.65E-06	2.55E+01	2.73E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+02
VE118SN	2.14E-02	3.40E+00	6.45E-02	3.34E+00	0.00E+00	0.00E+00	9.36E+00	3.44E-05	2.97E-03	3.39E-02	0.00E+00	-1.14E-03	1.39E-09	2.16E-08	1.40E-01	5.11E+00	0.00E+00	0.00E+00	1.23E+01	1.55E-02	4.23E+01	0.00E+00	3.38E-07	1.65E-07	1.00E-02	6.54E-07	2.30E+00	0.00E+00	4.23E+01	2.00E-05	4.23E+01	4.46E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	4.43E+02
VE118YN	1.74E-02	3.20E+00	7.76E-02	3.38E+00	0.00E+00	0.00E+00	8.71E+00	3.34E-05	3.18E-03	3.42E-02	0.00E+00	-2.17E-03	1.59E-09	4.48E-08	1.39E-01	4.24E+00	9.40E-07	0.00E+00	1.16E+01	3.20E-02	3.76E+01	0.00E+00	3.05E-07	1.46E-07	9.77E-03	1.01E-06	2.06E+00	0.00E+00	3.76E+01	1.70E-05	3.76E+01	3.89E+01	2.06E+00	0.00E+00	0.00E+00	0.00E+00	4.23E+02
VE212DN	1.70E-02	5.67E+00	8.12E-02	5.59E+00	0.00E+00	0.00E+00	8.90E+00	1.62E-05	6.37E-03	4.76E-02	0.00E+00	-2.81E-03	1.73E-09	4.50E-08	1.04E-01	4.23E+00	1.83E-06	0.00E+00	8.58E+00	3.75E-02	2.68E+01	0.00E+00	2.40E-07	1.21E-07	1.17E-02	1.22E-06	1.76E+00	0.00E+00	2.68E+01	7.10E-06	2.68E+01	2.86E+01	1.76E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+02
VE212E	1.16E-02	5.02E+00	5.15E-02	4.97E+00	0.00E+00	0.00E+00	6.03E+00	9.96E-06	3.49E-03	4.14E-02	0.00E+00	-1.20E-03	1.21E-09	1.54E-08	7.89E-02	3.01E+00	0.00E+00	0.00E+00	5.74E+00	1.62E-02	2.04E+01	0.00E+00	1.88E-07	9.34E-08	9.84E-03	6.45E-07	1.24E+00	0.00E+00	2.04E+01	5.33E-06	2.04E+01	2.16E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+02
VE212H	3.47E-02	4.38E+00	1.30E-01	4.25E+00	0.00E+00	0.00E+00	1.93E+01	5.21E-05	1.59E-02	4.37E-02	0.00E+00	-2.70E-03	3.22E-09	1.68E-07	1.92E-01	8.68E+00	0.00E+00	0.00E+00	2.08E+01	3.61E-02	5.41E+01	0.00E+00	4.34E-07	2.20E-07	1.34E-02	1.25E-06	3.81E+00	0.00E+00	5.41E+01	2.09E-05	5.41E+01	5.79E+01	3.81E+00	0.00E+00	0.00E+00	0.00E+00	7.59E+02
VE212L	1.28E-02	5.24E+00	1.01E-01	5.14E+00	0.00E+00	0.00E+00	7.06E+00	1.21E-05	4.06E-03	4.30E-02	0.00E+00	-6.71E-03	1.39E-09	2.26E-08	8.64E-02	3.32E+00	0.00E+00	0.00E+00	6.59E+00	8.88E-02	2.21E+01	0.00E+00	2.02E-07	1.00E-07	1.03E-02	2.42E-06	1.39E+00	0.00E+00	2.21E+01	5.16E-06	2.21E+01	2.35E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+02
VE212PN	2.12E-02	3.36E+00	6.59E-02	3.29E+00	0.00E+00	0.00E+00	9.82E+00	3.51E-05	2.94E-03	3.36E-02	0.00E+00	-1.20E-03	1.46E-09	2.26E-08	1.41E-01	5.13E+00	0.00E+00	0.00E+00	1.25E+01	1.62E-02	4.22E+01	0.00E+00	3.37E-07	1.64E-07	9.92E-03	6.71E-07	2.33E+00	0.00E+00	4.22E+01	1.98E-05	4.22E+01	4.45E+01	2.33E+00	0.00E+00	0.00E+00	0.00E+00	4.50E+02
VE212S	1.75E-02	5.33E+00	8.51E-02	5.25E+00	0.00E+00	0.00E+00	9.29E+00	1.74E-05	6.95E-03	4.50E-02	0.00E+00	-3.18E-03	1.78E-09	5.36E-08	1.03E-01	4.29E+00	0.00E+00	0.00E+00	8.91E+00	4.24E-02	2.65E+01	0.00E+00	2.35E-07	1.18E-07	1.12E-02	1.32E-06	1.80E+00	0.00E+00	2.65E+01	6.98E-06	2.65E+01	2.83E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	3.10E+02
VE212SN	2.16E-02	3.43E+00	6.68E-02	3.36E+00	0.00E+00	0.00E+00	9.95E+00	3.56E-05	3.00E-03	3.42E-02	0.00E+00	-1.20E-03	1.48E-09	2.29E-08	1.44E-01	5.21E+00	0.00E+00	0.00E+00	1.27E+01	1.62E-02	4.29E+01	0.00E+00	3.42E-07	1.67E-07	1.01E-02	6.77E-07	2.36E+00	0.00E+00	4.29E+01	2.01E-05	4.29E+01	4.53E+01	2.36E+00	0.00E+00	0.00E+00	0.00E+00	4.57E+02
VE212U	1.56E-02	5.42E+00	1.08E-01	5.31E+00	0.00E+00	0.00E+00	8.52E+00	1.46E-05	5.86E-03	4.47E-02	0.00E+00	-6.71E-03	1.66E-09	4.38E-08	9.49E-02	3.85E+00	0.00E+00	0.00E+00	7.83E+00	8.88E-02	2.41E+01	0.00E+00	2.19E-07	1.09E-07	1.09E-02	2.44E-06	1.61E+00	0.00E+00	2.41E+01	5.35E-06	2.41E+01	2.57E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	2.70E+02
VE212YN	1.42E-02	3.42E+00	6.25E-02	3.46E+00	0.00E+00	0.00E+00	6.67E+00	2.09E-05	2.93E-03	3.08E-02	0.00E+00	-2.23E-03	1.42E-09	3.37E-08	7.33E-02	3.31E+00	9.42E-05	0.00E+00	7.94E+00	3.36E-02	2.40E+01	0.00E+00	2.04E-07	1.05E-07	7.74E-03	1.16E-06	1.48E+00	0.00E+00	2.40E+01	1.53E-05	2.40E+01	2.56E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	3.24E+02
VE218F	1.93E-02	7.08E+00	1.50E-01	6.93E+00	0.00E+00	0.00E+00	1.04E+01	1.99E-05	6.38E-03	5.88E-02	0.00E+00	-1.02E-02	1.98E-09	3.97E-08	1.27E-01	4.97E+00	0.00E+00	0.00E+00	1.01E+01	1.36E-01	3.33E+01	0.00E+00	2.97E-07	1.48E-07	1.44E-02	3.66E-06	2.08E+00	0.00E+00	3.33E+01	8.70E-06	3.33E+01	3.54E+01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+02
VE218H	4.55E-02	6.01E+00	1.74E-01	5.83E+00	0.00E+00	0.00E+00	2.58E+01	7.08E-05	1.99E-02	6.01E-02	0.00E+00	-3.75E-03	4.28E-09	2.13E-07	2.65E-01	1.17E+01	0.00E+00	0.00E+00	2.80E+01	5.03E-02	7.50E+01	0.00E+00	6.03E-07	3.03E-07	1.84E-02	1.73E-06	5.14E+00	0.00E+00	7.50E+01	2.94E-05	7.50E+01	8.01E+01	5.14E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+03
VE218L	1.81E-02	7.08E+00	1.39E-01	6.94E+00	0.00E+00	0.00E+00	1.01E+01	1.86E-05	5.71E-03	5.85E-02	0.00E+00	-9.14E-03	1.95E-09	3.36E-08	1.23E-01	4.75E+00	0.00E+00	0.00E+00	9.63E+00	1.21E-01	3.21E+01	0.00E+00	2.89E-07	1.43E-07	1.42E-02	3.31E-06	2.00E+00	0.00E+00	3.21E+01	8.15E-06	3.21E+01	3.41E+01	2.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E+02
VE218PN	3.01E-02	4.74E+00	9.16E-02	4.65E+00	0.00E+00	0.00E+00	1.39E+01	4.98E-05	4.16E-03	4.75E-02	0.00E+00	-1.49E-03	2.06E-09	3.19E-08	2.00E-01	7.26E+00	0.00E+00	0.00E+00	1.77E+01	2.02E-02	5.98E+01	0.00E+00	4.77E-07	2.33E-07	1.40E-02	8.85E-07	3.29E+00	0.00E+00	5.98E+01	2.81E-05	5.98E+01	6.31E+01	3.29E+00	0.00E+00	0.00E+00	0.00E+00	6.38E+02
VE218S	2.31E-02	7.28E+00	1.10E-01	7.17E+00	0.00E+00	0.00E+00	1.24E+01	2.40E-05	8.77E-03	6.16E-02	0.00E+00	-3.84E-03	2.36E-09	6.53E-08	1.41E-01	5.79E+00	0.00E+00	0.00E+00	1.21E+01	5.12E-02	3.68E+01	0.00E+00	3.26E-07	1.63E-07	1.53E-02	1.64E-06	2.44E+00	0.00E+00	3.68E+01	1.02E-05	3.68E+01	3.93E+01	2.44E+00	0.00E+00	0.00E+00	0.00E+00	4.19E+02
VE218SN	2.22E-02	4.83E+00	9.29E-02	4.74E+00	0.00E+00	0.00E+00	1.41E+01	5.05E-05	4.23E-03	4.83E-02	0.00E+00	-1.49E-03	2.09E-09	3.29E-08	2.03E-01	7.38E+00	0.00E+00	0.00E+00	1.80E+01	2.02E-02	6.08E+01	0.00E+00	4.85E-07	2.36E-07	1.43E-02	8.92E-07	3.35E+00	0.00E+00	6.08E+01	2.86E-05	6.08E+01	6.41E+01	3.35E+00	0.00E+00	0.00E+00	0.00E+00	6.47E+02
VE312DN	2.12E-02	6.81E+00	1.04E-01	6.70E+00	0.00E+00	0.00E+00	1.18E+01	2.31E-05	7.81E-03	5.76E-02	0.00E+00	-3.63E-03	2.24E-09	5.76E-08	1.34E-01	5.41E+00	1.83E-06	0.00E+00	1.14E+01	4.85E-02	3.48E+01	0.00E+00	3.07E-07	1.54E-07	1.43E-02	1.55E-06	2.30E+00	0.00E+00	3.48E+01	9.77E-06	3.48E+01	3.71E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	3.96E+02
VE312H	4.29E-02	5.40E+00	1.65E-01	5.23E+00	0.00E+00	0.00E+00	2.45E+01	6.57E-05	1.94E-02	5.42E-02	0.00E+00	-3.71E-03	4.08E-09	2.10E-07	2.43E-01	1.08E+01	0.00E+00	0.00E+00	2.62E+01	4.97E-02	6.82E+01	0.00E+00	5.48E-07	2.76E-07	1.67E-02	1.67E-06	4.78E+00	0.00E+00	6.82E+01	2.62E-05	6.82E+01	7.30E+01	4.78E+00	0.00E+00	0.00E+00	0.00E+00	9.53E+02

VE312L	1.67E-02	6.34E+00	1.39E-01	6.20E+00	0.00E+00	0.00E+00	9.82E+00	1.87E-05	5.22E-03	5.26E-02	0.00E+00	-9.66E-03	1.86E-09	3.27E-08	1.16E-01	4.45E+00	0.00E+00	0.00E+00	9.29E+00	1.28E-01	3.01E+01	0.00E+00	2.69E-07	1.33E-07	1.28E-02	3.44E-06	1.90E+00	0.00E+00	3.01E+01	7.72E-06	3.01E+01	3.20E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	3.20E+02
VE312PN	2.66E-02	4.14E+00	8.34E-02	4.06E+00	0.00E+00	0.00E+00	1.28E+01	4.51E-05	3.66E-03	4.17E-02	0.00E+00	-1.47E-03	1.90E-09	2.93E-08	1.79E-01	6.47E+00	0.00E+00	0.00E+00	1.60E+01	1.98E-02	5.32E+01	0.00E+00	4.24E-07	2.06E-07	1.24E-02	8.30E-07	2.96E+00	0.00E+00	5.32E+01	2.49E-05	5.32E+01	5.62E+01	2.96E+00	0.00E+00	0.00E+00	0.00E+00	5.75E+02
VE312S	2.14E-02	6.44E+00	1.05E-01	6.33E+00	0.00E+00	0.00E+00	1.20E+01	2.38E-05	8.20E-03	5.48E-02	0.00E+00	-3.82E-03	2.26E-09	6.40E-08	1.32E-01	5.40E+00	0.00E+00	0.00E+00	1.15E+01	5.08E-02	3.42E+01	0.00E+00	3.00E-07	1.50E-07	1.37E-02	1.60E-06	2.31E+00	0.00E+00	3.42E+01	9.59E-06	3.42E+01	3.65E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	4.03E+02
VE312SN	2.71E-02	4.22E+00	8.45E-02	4.14E+00	0.00E+00	0.00E+00	1.30E+01	4.57E-05	3.72E-03	4.25E-02	0.00E+00	-1.47E-03	1.92E-09	2.96E-08	1.81E-01	6.57E+00	0.00E+00	0.00E+00	1.62E+01	1.98E-02	5.40E+01	0.00E+00	4.30E-07	2.09E-07	1.26E-02	8.36E-07	3.00E+00	0.00E+00	5.40E+01	2.53E-05	5.40E+01	5.70E+01	3.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E+02
VE318L	2.55E-02	9.26E+00	1.81E-01	9.08E+00	0.00E+00	0.00E+00	1.36E+01	2.58E-05	8.53E-03	7.71E-02	0.00E+00	-1.14E-02	2.61E-09	5.59E-08	1.66E-01	6.54E+00	0.00E+00	0.00E+00	1.33E+01	1.51E-01	4.36E+01	0.00E+00	3.92E-07	1.95E-07	1.89E-02	4.15E-06	2.73E+00	0.00E+00	4.36E+01	1.15E-05	4.36E+01	4.64E+01	2.73E+00	0.00E+00	0.00E+00	0.00E+00	4.58E+02
VE318PN	3.93E-02	6.16E+00	1.20E-01	6.04E+00	0.00E+00	0.00E+00	1.87E+01	6.61E-05	5.42E-03	6.19E-02	0.00E+00	-1.77E-03	2.78E-09	4.28E-08	2.63E-01	9.54E+00	0.00E+00	0.00E+00	2.34E+01	2.41E-02	7.84E+01	0.00E+00	6.25E-07	3.04E-07	1.83E-02	1.10E-06	4.35E+00	0.00E+00	7.84E+01	3.68E-05	7.84E+01	8.28E+01	4.35E+00	0.00E+00	0.00E+00	0.00E+00	8.44E+02
VE318S	2.88E-02	9.42E+00	1.34E-01	9.29E+00	0.00E+00	0.00E+00	1.60E+01	3.16E-05	1.03E-02	7.98E-02	0.00E+00	-4.12E-03	3.02E-09	7.39E-08	1.85E-01	7.39E+00	0.00E+00	0.00E+00	1.55E+01	5.51E-02	4.83E+01	0.00E+00	4.26E-07	2.13E-07	1.98E-02	1.86E-06	3.14E+00	0.00E+00	4.83E+01	1.39E-05	4.83E+01	5.14E+01	3.14E+00	0.00E+00	0.00E+00	0.00E+00	5.40E+02
VE318SN	4.00E-02	6.29E+00	1.21E-01	6.17E+00	0.00E+00	0.00E+00	1.89E+01	6.70E-05	5.52E-03	6.30E-02	0.00E+00	-1.77E-03	2.82E-09	4.34E-08	2.67E-01	9.69E+00	0.00E+00	0.00E+00	2.38E+01	2.42E-02	7.97E+01	0.00E+00	6.35E-07	3.09E-07	1.86E-02	1.11E-06	4.42E+00	0.00E+00	7.97E+01	3.73E-05	7.97E+01	8.41E+01	4.42E+00	0.00E+00	0.00E+00	0.00E+00	8.56E+02
VE412H	5.26E-02	6.57E+00	2.01E-01	6.36E+00	0.00E+00	0.00E+00	2.89E+01	7.88E-05	2.38E-02	6.61E-02	0.00E+00	-4.70E-03	4.81E-09	2.56E-07	2.94E-01	1.32E+01	0.00E+00	0.00E+00	3.15E+01	6.28E-02	8.31E+01	0.00E+00	6.68E-07	3.38E-07	2.04E-02	2.09E-06	5.76E+00	0.00E+00	8.31E+01	3.22E-05	8.31E+01	8.88E+01	5.76E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+03
VE412L	2.24E-02	7.92E+00	1.58E-01	7.77E+00	0.00E+00	0.00E+00	1.22E+01	2.35E-05	7.61E-03	6.62E-02	0.00E+00	-9.89E-03	2.33E-09	5.22E-08	1.46E-01	5.77E+00	0.00E+00	0.00E+00	1.19E+01	1.31E-01	3.84E+01	0.00E+00	3.43E-07	1.70E-07	1.63E-02	3.60E-06	2.43E+00	0.00E+00	3.84E+01	1.02E-05	3.84E+01	4.08E+01	2.43E+00	0.00E+00	0.00E+00	0.00E+00	4.11E+02
VE412PN	3.33E-02	5.17E+00	1.04E-01	5.07E+00	0.00E+00	0.00E+00	1.62E+01	5.68E-05	4.57E-03	5.21E-02	0.00E+00	-1.70E-03	2.40E-09	3.69E-08	2.24E-01	8.10E+00	0.00E+00	0.00E+00	2.00E+01	2.31E-02	6.67E+01	0.00E+00	5.30E-07	2.58E-07	1.54E-02	9.96E-07	3.72E+00	0.00E+00	6.67E+01	3.12E-05	6.67E+01	7.04E+01	3.72E+00	0.00E+00	0.00E+00	0.00E+00	7.22E+02
VE412S	2.53E-02	7.91E+00	1.22E-01	7.79E+00	0.00E+00	0.00E+00	1.44E+01	2.90E-05	9.27E-03	6.73E-02	0.00E+00	-4.05E-03	2.70E-09	6.99E-08	1.61E-01	6.50E+00	0.00E+00	0.00E+00	1.39E+01	5.41E-02	4.21E+01	0.00E+00	3.69E-07	1.84E-07	1.68E-02	1.76E-06	2.79E+00	0.00E+00	4.21E+01	1.22E-05	4.21E+01	4.49E+01	2.79E+00	0.00E+00	0.00E+00	0.00E+00	4.86E+02
VE412SN	3.38E-02	5.26E+00	1.05E-01	5.16E+00	0.00E+00	0.00E+00	1.64E+01	5.74E-05	4.65E-03	5.30E-02	0.00E+00	-1.70E-03	2.43E-09	3.74E-08	2.27E-01	8.22E+00	0.00E+00	0.00E+00	2.03E+01	2.31E-02	6.76E+01	0.00E+00	5.38E-07	2.62E-07	1.57E-02	1.00E-06	3.76E+00	0.00E+00	6.76E+01	3.16E-05	6.76E+01	7.14E+01	3.76E+00	0.00E+00	0.00E+00	0.00E+00	7.31E+02
VF104PEH	2.87E-03	7.68E-01	1.25E-02	7.17E-01	0.00E+00	0.00E+00	1.49E+00	3.14E-06	6.41E-04	7.14E-03	0.00E+00	-4.34E-04	2.92E-10	4.30E-09	2.91E-02	8.18E-01	5.30E-09	0.00E+00	1.94E+00	8.82E-03	6.32E+00	0.00E+00	5.44E-08	2.33E-08	1.97E-03	9.74E-08	3.86E-01	0.00E+00	6.32E+00	2.16E-06	6.32E+00	6.82E+00	3.86E-01	0.00E+00	0.00E+00	0.00E+00	5.76E+01
VF104PJ	3.00E-03	7.65E-01	1.22E-02	7.36E-01	0.00E+00	0.00E+00	1.55E+00	3.06E-06	6.52E-04	7.52E-03	0.00E+00	-2.02E-05	3.04E-10	4.24E-09	2.89E-02	8.16E-01	5.30E-09	0.00E+00	1.94E+00	3.50E-04	6.27E+00	0.00E+00	5.41E-08	2.33E-08	2.05E-03	6.76E-08	3.85E-01	0.00E+00	6.27E+00	2.19E-06	6.27E+00	6.74E+00	3.85E-01	0.00E+00	0.00E+00	0.00E+00	5.73E+01
VF104PP	2.63E-03	5.58E-01	1.25E-02	5.45E-01	0.00E+00	0.00E+00	1.63E+00	4.36E-06	6.01E-04	6.05E-03	0.00E+00	2.19E-19	4.64E-10	4.76E-09	4.09E-02	9.66E-01	0.00E+00	0.00E+00	2.54E+00	9.53E-05	8.36E+00	0.00E+00	6.88E-08	2.74E-08	1.72E-03	6.79E-08	4.83E-01	0.00E+00	8.36E+00	2.86E-06	8.36E+00	8.84E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	7.59E+01
VF104PY	2.81E-03	7.22E-01	1.20E-02	6.75E-01	0.00E+00	0.00E+00	1.36E+00	3.03E-06	6.31E-04	6.91E-03	0.00E+00	-2.93E-04	2.46E-10	3.46E-09	2.88E-02	7.92E-01	5.30E-09	0.00E+00	1.87E+00	4.35E-03	6.20E+00	0.00E+00	5.39E-08	2.29E-08	1.80E-03	7.32E-08	3.75E-01	0.00E+00	6.20E+00	2.17E-06	6.20E+00	6.59E+00	3.75E-01	0.00E+00	0.00E+00	0.00E+00	5.66E+01
VF104TD	2.98E-03	7.43E-01	1.41E-02	6.99E-01	0.00E+00	0.00E+00	1.70E+00	4.61E-06	6.73E-04	7.51E-03	0.00E+00	-9.40E-05	3.08E-10	4.48E-09	3.06E-02	9.64E-01	5.30E-09	0.00E+00	2.43E+00	1.83E-03	7.68E+00	0.00E+00	6.84E-08	2.94E-08	2.06E-03	7.73E-08	4.70E-01	0.00E+00	7.68E+00	2.52E-06	7.68E+00	8.17E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	7.58E+01
VF104TJ	2.90E-03	7.39E-01	1.34E-02	7.07E-01	0.00E+00	0.00E+00	1.60E+00	4.74E-06	6.44E-04	7.36E-03	0.00E+00	-9.40E-05	3.07E-10	4.38E-09	2.96E-02	8.59E-01	5.30E-09	0.00E+00	2.18E+00	1.35E-03	6.81E+00	0.00E+00	5.87E-08	2.65E-08	1.98E-03	7.98E-08	4.16E-01	0.00E+00	6.81E+00	2.43E-06	6.81E+00	7.40E+00	4.16E-01	0.00E+00	0.00E+00	0.00E+00	7.16E+01
VF104TM	2.94E-03	7.45E-01	1.36E-02	7.26E-01	0.00E+00	0.00E+00	1.67E+00	5.10E-06	6.60E-04	7.36E-03	0.00E+00	-9.40E-05	3.08E-10	4.41E-09	3.17E-02	9.66E-01	5.30E-09	0.00E+00	2.42E+00	1.35E-03	7.62E+00	0.00E+00	6.81E-08	2.91E-08	2.05E-03	8.04E-08	4.62E-01	0.00E+00	7.62E+00	2.57E-06	7.62E+00	8.21E+00	4.62E-01	0.00E+00	0.00E+00	0.00E+00	7.56E+01
VF104TR	3.09E-03	7.85E-01	2.58E-02	7.54E-01	0.00E+00	0.00E+00	2.13E+00	5.81E-06	6.78E-04	7.31E-03	0.00E+00	-1.30E-03	3.72E-10	6.39E-09	3.80E-02	1.18E+00	5.30E-09	0.00E+00	2.76E+00	1.84E-02	8.82E+00	0.00E+00	7.63E-08	3.40E-08	2.21E-03	5.82E-07	5.48E-01	0.00E+00	8.82E+00	2.72E-06	8.82E+00	9.27E+00	5.48E-01	0.00E+00	0.00E+00	0.00E+00	8.55E+01
VF104TS	3.10E-03	7.88E-01	2.50E-02	7.13E-01	0.00E+00	0.00E+00	1.92E+00	5.17E-06	6.94E-04	7.33E-03	0.00E+00	-1.71E-03	3.60E-10	6.50E-09	3.38E-02	1.06E+00	5.30E-09	0.00E+00	2.61E+00	2.19E-02	8.01E+00	0.00E+00	7.06E-08	3.22E-08	2.21E-03	6.04E-07	5.10E-01	0.00E+00	8.01E+00	2.72E-06	8.01E+00	8.36E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	8.17E+01
VF108PA	3.55E-03	9.97E-01	1.73E-02	1.17E+00	0.00E+00	0.00E+00	1.98E+00	4.32E-06	8.65E-04	1.11E-02	0.00E+00	-1.43E-03	4.46E-10	5.62E-09	4.29E-02	1.09E+00	8.34E-07	0.00E+00	2.67E+00	4.76E-03	8.92E+00	0.00E+00	7.37E-08	3.10E-08	2.45E-03	2.25E-07	5.28E-01	0.00E+00	8.92E+00	2.50E-06	8.92E+00	9.28E+00	5.28E-01	0.00E+00	0.00E+00	0.00E+00	8.39E+01
VF108PD	3.53E-03	9.82E-01	1.63E-02	1.13E+00	0.00E+00	0.00E+00	1.94E+00	4.69E-06	8.59E-04	1.08E-02	0.00E+00	-1.61E-04	4.40E-10	5.40E-09	4.49E-02	1.10E+00	5.30E-09	0.00E+00	2.64E+00	2.41E-03	8.93E+00	0.00E+00	7.44E-08	3.11E-08	2.40E-03	1.68E-07	5.26E-01	0.00E+00	8.93E+00	2.74E-06	8.93E+00	9.39E+00	5.26E-01	0.00E+00	0.00E+00	0.00E+00	8.05E+01
VF108PE	3.24E-03	7.03E-01	1.53E-02	6.88E-01	0.00E+00	0.00E+00	1.93E+00	5.15E-06	7.27E-04	7.62E-03	0.00E+00	2.70E-19	5.23E-10	5.39E-09	5.15E-02	1.20E+00	0.00E+00	0.00E+00	3.05E+00	1.20E-04	1.04E+01	0.00E+00	8.63E-08	3.41E-08	2.15E-03	8.57E-08	5.89E-01	0.00E+00	1.04E+01	3.53E-06	1.04E+01	1.10E+01	5.89E-01	0.00E+00	0.00E+00	0.00E+00	8.88E+01
VF108PEB	3.02E-03	6.41E-01	1.44E-02	6.27E-01	0.00E+00	0.00E+00	1.77E+00	4.90E-06	6.24E-04	7.11E-03	0.00E+00	2.58E-19	4.92E-10	4.36E-09	5.02E-02	1.14E+00	0.00E+00	0.00E+00	2.92E+00	1.15E-04	1.01E+01	0.00E+00	8.36E-08	3.27E-08	2.03E-03	8.17E-08	5.64E-01	0.00E+00	1.01E+01	3.48E-06	1.01E+01	1.07E+01	5.64E-01	0.00E+00	0.00E+00	0.00E+00	8.43E+01
VF108PEH	3.76E-03	1.00E+00	1.51E-02	1.24E+00	0.00E+00	0.00E+00	1.96E+00	4.56E-06	8.45E-04	1.14E-02	0.00E+00	-4.78E-04	4.30E-10	5.37E-09	4.31E-02	1.03E+00	5.30E-09	0.00E+00	2.57E+00	6.71E-03	8.50E+00	0.00E+00	7.31E-08	2.99E-08	2.58E-03	9.73E-08	5.01E-01	0.00E+00	8.50E+00	2.80E-06	8.50E+00	9.04E+00	5.01E-01	0.00E+00	0.00E+00	0.00E+00	7.82E+01
VF108PF	2.93E-03	8.64E-01	1.42E-02	7.36E-01	0.00E+00	0.00E+00	1.46E+00	3.16E-06	8.13E-04	8.65E-03	0.00E+00	-1.43E-03	2.39E-10	4.13E-09	2.88E-02	7.94E-01	8.34E-07	0.00E+00	1.94E+00	4.72E-03	6.46E+00	0.00E+00	5.47E-08	2.38E-08	1.99E-03	2.18E-07	3.85E-01	0.00E+00	6.46E+00	2.04E-06	6.46E+00	6.66E+00	3.85E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
VF108PJ	3.94E-03	1.08E+00	1.61E-02	1.31E+00	0.00E+00	0.00E+00	2.07E+00	4.64E-06	8.75E-04	1.23E-02	0.00E+00	-1.59E-04	4.28E-10	6.05E-09	4.47E-02	1.10E+00	5.30E-09	0.00E+00	2.63E+00	2.22E-03	8.87E+00	0.00E+00	7.42E-08	3.04E-08	2.62E-03	1.66E-07	5.09E-01	0.00E+00	8.87E+00	2.76E-06	8.87E+00	9.44E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	7.91E+01
VF108PM	3.25E-03	9.22E-01	1.71E-02	9.82E-01	0.00E+00	0.00E+00	1.97E+00	4.60E-06	8.36E-04	1.01E-02	0.00E+00	-1.61E-04	4.44E-10	5.58E-09	4.45E-02	1.09E+00	5.30E-09	0.00E+00	2.63E+00	2.41E-03	9.05E+00	0.00E+00	7.49E-08	3.10E-08	2.24E-03	1.65E-07	5.25E-01	0.00E+00	9.05E+00	2.61E-06	9.05E+00	9.47E+00	5.25E-01	0.00E+00	0.00E+00	0.00E+00	8.04E+01
VF108PP	3.36E-03	7.12E-01	1.58E-02	6.97E-01	0.00E+00	0.00E+00	2.06E+00	5.39E-06	7.95E-04	7.71E-03	0.00E+00	2.75E-19	5.46E-10	6.33E-09	5.22E-02	1.23E+00	0.00E+00	0.00E+00	3.14E+00	1.22E-04	1.06E+01	0.00E+00	8.75E-08	3.46E-08	2.19E-03	8.70E-08	6.06E-01	0.00E+00	1.06E+01	3.56E-06	1.06E+01	1.12E+01	6.06E-01	0.00E+00	0.00E+00	0.00E+00	9.22E+01
VF108PR	4.76E-03	9.84E-01	2.84E-02	1.23E+00	0.00E+00	0.00E+00	2.42E+00	6.08E-06	7.80E-04	1.14E-02	0.00E+00	-1.42E-03	4.66E-10	8.09E-09	4.61E-02	1.31E+00	7.91E-09	0.00E+00	2.98E+00	2.07E-02	9.95E+00	0.00E+00	8.29E-08	3.65E-08	2.99E-03	6.92E-07	5.86E-01	0.00E+00	9.95E+00	3.14E-06	9.95E+00	1.08E+01	5.86E-01	0.00E+00	0.00E+00	0.00E+00	9.34E+01
VF108PT	6.91E-03	1.19E+00	2.48E-02	1.17E+00	0.00E+00	0.00E+00	3.62E+00	7.94E-06	3.06E-03	1.15E-02	0.00E+00	3.51E-19	1.02E-09	3.14E-08	5.40E-02	1.81E+00	0.00E+00	0.00E+00	4.61E+00	1.48E-04	1.18E+01	0.00E+00	9.97E-08	4.53E-08	3.19E-03	1.05E-07	8.43E-01	0.00E+00	1.18E+01	3.53E-06	1.18E+01	1.27E+01	8.43E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
VF108PY	4.02E-03	1.06E+00	1.65E-02	1.31E+00	0.00E+00	0.00E+00	2.11E+00	4.75E-06	8.76E-04	1.24E-02	0.00E+00	-4.70E-04	4.47E-10	6.16E-09	4.47E-02	1.15E+00	5.30E-09	0.00E+00	2.70E+00	6.41E-03	8.99E+00	0.00E+00	7.47E-08	3.14E-08	2.67E-03	1.88E-07	5.31E-01	0.00E+00	8.99E+00	2.75E-06	8.99E+00	9.45E+00	5.31E-01	0.00E+00	0.00E+00	0.00E+00	8.20E+01
VF108TA	3.85E-03	8.31E-01	1.58E-02	1.13E+00	0.00E+00	0.00E+00	2.18E+00	5.87E-06	7.51E-04	1.02E-02	0.00E+00	-1.86E-04	4.41E-10	6.02E-09	4.58E-02	1.22E+00	5.30E-09	0.00E+00	2.94E+00	2.76E-03	9.78E+00	0.00E+00	8.07E-08	3.43E-08	2.50E-03	1.73E-07	5.67E-01	0.00E+00	9.78E+00	3.12E-06	9.78E+00	1.06E+01	5.67E-01	0.00E+00	0.00E+00	0.00E+00	9.01E+01
VF108TD	3.59E-03	8.16E-01	1.71E-02	1.03E+00	0.00E+00	0.00E+00	2.05E+00	5.38E-06	7.51E-04	9.40E-03	0.00E+00	-1.32E-03	4.53E-10	5.49E-09	4.32E-02	1.16E+00	8.34E-07	0.00E+00	2.89E+00	5.25E-03	9.60E+00	0.00E+00	7.97E-08	3.40E-08	2.31E-03	2.28E-07	5.62E-01	0.00E+00	9.60E+00	3.01E-06	9.60E+00	1.04E+01	5.62E-01	0.00E+00	0.00E+00	0.00E+00	9.24E+01
VF108TE	3.80E-03	8.10E-01	1.45E-02	1.07E+00	0.00E+00	0.00E+00	2.04E+00	5.77E-06	7.29E-04	9.70E-03	0.00E+00	-4.28E-05	4.37E-10	5.27E-09	4.53E-02	1.12E+00	5.30E-09	0.00E+00	2.88E+00	5.88E-04	9.53E+00	0.00E+00	7.92E-08	3.34E-08	2.43E-03	8.38E-08	5.46E-01	0.00E+00	9.53E+00	3.27E-06	9.53E+00	1.04E+01	5.46E-01	0.00E+00	0.00E+00	0.00E+00	8.86E+01
VF108TF	3.71E-03	8.18E-01	1.57E-02	1.07E+00	0.00E+00	0.00E+00	2.04E+00	5.84E-06	7.46E-04	9.73E-03	0.00E+00	-1.86E-04	4.36E-10	5.35E-09	4.54E-02	1.16E+00	5.30E-09	0.00E+00	2.88E+00	2.82E-03	9.60E+00	0.00E+00	7.96E-08	3.39E-08	2.44E-03	1.73E-07	5.59E-01	0.00E+00	9.60E+00	3.12E-06	9.60E+00	1.04E+01	5.59E-01	0.00E+00	0.00E+00	0.00E+00	8.88E+01
VF108TJ	3.61E-03	8.01E-01	1.65E-02	1.01E+00	0.00E+00	0.00E+00	2.05E+00	5.86E-06	7.42E-04	9.18E-03	0.00E+00	-1.88E-04	4.52E-10	5.43E-09	4.55E-02	1.15E+00	5.30E-09	0.00E+00	2.88E+00	2.90E-03	9.63E+00	0.00E+00	8.01E-08	3.38E-08	2.30E-03	1.76E-07	5.61E-01	0.00E+00	9.63E+00	3.09E-06	9.63E+00	1.05E+01	5.61E-01	0.00E+00	0.00E+00	0.00E+00	8.85E+01
VF108TM	3.28E-03	7.71E-01	1.68E-02	8.40E-01	0.00E+00	0.00E+00	2.03E+00	5.62E-06	7.24E-04	8.27E-03	0.00E+00	-1.88E-04	4.50E-10	5.47E-09	4.32E-02	1.16E+00	5.30E-09	0.00E+00	2.85E+00	3.13E-03	9.58E+00	0.00E+00	8.04E-08	3.40E-08	2.11E-03	1.71E-07	5.58E-01	0.00E+00	9.58E+00	3.07E-06	9.58E+00	1.02E+01	5.58E-01	0.00E+00	0.00E+00	0.00E+00	8.91E+01
VF108TP	3.85E-03	8.31E-01	1.58E-02	1.13E+00	0.00E+00	0.00E+00	2.18E+00	5.87E-06	7.51E-04	1.02E-02	0.00E+00	-1.86E-04	4.41E-10	6.02E-09	4.58E-02	1.22E+00	5.30E-09	0.00E+00	2.94E+00	2.76E-03	9.78E+00	0.00E+00	8.07E-08	3.43E-08	2.50E-03	1.73E-07	5.67E-01	0.00E+00	9.78E+00	3.12E-06	9.78E+00	1.06E+01	5.67E-01	0.00E+00	0.00E+00	0.00E+00	9.01E+01
VF108TR	4.73E-03	1.07E+00	2.85E-02	1.38E+00	0.00E+00	0.00E+00	2.55E+00	6.07E-06	8.19E-04	1.27E-02	0.00E+00	-1.83E-03	4.82E-10	8.93E-09	4.43E-02	1.38E+00	9.51E-07	0.00E+00	3.13E+00	2.10E-02	1.02E+01	0.00E+00	8.51E-08	3.90E-08	3.07E-03	6.78E-07	6.03E-01	0.00E+00	1.02E+01	2.93E-06	1.02E+01	1.09E+01	6.03E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
VF108TS	3.61E-03	8.25E-01	2.76E-02	9.89E-01	0.00E+00	0.00E+00	2.21E+00	5.95E-06	7.56E-04	8.90E-03	0.00E+00	-1.80E-03	4.76E-10	6.90E-09	4.61E-02	1.22E+00	7.91E-09	0.00E+00	2.97E+00	2.14E-02	9.88E+00	0.00E+00	8.17E-08	3.63E-08	2.34E-03	6.79E-07	5.83E-01	0.00E+00	9.88E+00	3.17E-06	9.88E+00	1.05E+01	5.83E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
VF112PA	6.42E-03	1.75E+00	3.00E-02	1.65E+00	0.00E+00	0.00E+00	4.25E+00	9.00E-06	2.18E-03	1.45E-02	0.00E+00	-3.20E-04	8.87E-10	1.80E-08	7.99E-02	1.97E+00	5.30E-09	0.00E+00	4.87E+00	5.03E-03	1.57E+01	0.00E+00	1.33E-07	5.35E-08	3.85E-03	2.80E-07	9.40E-01	0.00E+00	1.57E+01	4.24E-06	1.57E+01	1.69E+01	9.40E-01	0.00E+00	0.00E+00	0.00E+00	1.47E+02
VF112PD	6.42E-03	1.75E+00	2.99E-02	1.65E+00	0.00E+00	0.00E+00	4.17E+00	9.00E-06	2.19E-03	1.45E-02	0.00E+00	-3.20E-04	8.87E-10	1.80E-08	7.99E-02	1.98E+00	5.30E-09	0.00E+00	4.84E+00	5.03E-03	1.57E+01	0.00E+00	1.33E-07	5.34E-08	3.84E-03	2.80E-07	9.37E-01	0.00E+00	1.57E+01	4.24E-06	1.57E+01	1.69E+01	9.37E-01	0.00E+00	0.00E+00	0.00E+00	1.46E+02
VF112PE	4.95E-03	1.09E+00	2.60E-02	1.07E+00	0.00E+00	0.00E+00	3.78E+00	9.03E-06	1.09E-03	1.18E-02	0.00E+00	4.44E-19	9.42E-10	9.63E-09	8.34E-02	1.92E+00	0.00E+00	0.00E+00	5.10E+00	1.94E-04	1.64E+01	0.00E+00	1.35E-07	5.26E-08	3.31E-03	1.38E-07	9.78E-01	0.00E+00	1.64E+01	5.21E-06	1.64E+01	1.74E+01	9.78E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
VF112PEB	4.27E-03	9.37E-01	2.33E-02	9.14E-01	0.00E+00	0.00E+00	3.31E+00	7.64E-06	9.09E-04	1.03E-02	0.00E+00	3.99E-19	7.80E-10	7.82E-09	7.80E-02	1.71E+00	0.00E+00	0.00E+00	4.46E+00	1.78E-04	1.49E+01	0.00E+00	1.23E-07	4.64E-08	2.91E-03	1.27E-07	8.71E-01	0.00E+00	1.49E+01	4.57E-06	1.49E+01	1.58E+01	8.71E-01	0.00E+00	0.00E+00	0.00E+00	1.25E+02
VF112PEH	5.68E-03	1.73E+00	2.71E-02	1.65E+00	0.00E+00	0.00E+00	3.96E+00	8.71E-06	2.20E-03	1.40E-02	0.00E+00	-5.11E-04	9.34E-10	1.13E-08	7.42E-02	1.85E+00	5.30E-09	0.00E+00	4.65E+00	7.86E-03	1.48E+01	0.00E+00	1.24E-07	5.10E-08	3.81E-03	1.46E-07	8.93E-01	0.00E+00	1.48E+01	3.54E-06	1.48E+01	1.55E+01	8.93E-01	0.00E+00	0.00E+00	0.00E+00	1.42E+02
VF112PF	6.47E-03	1.79E+00	3.14E-02	1.77E+00	0.00E+00	0.00E+00	4.03E+00	6.82E-06	2.25E-03	1.53E-02	0.00E+00	-1.43E-03	9.40E-10	1.78E-08	6.82E-02	1.87E+00	9.82E-07	0.00E+00	4.75E+00	7.06E-03	1.36E+01	0.00E+00	1.17E-07	5.17E-08	4.08E-03	3.09E-07	8.59E-01	0.00E+00	1.36E+01	3.27E-06	1.36E+01	1.40E+01	8.59E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
VF112PJ	6.37E-03	1.68E+00	3.05E-02	1.63E+00	0.00E+00	0.00E+00	3.93E+00	7.49E-06	2.17E-03	1.43E-02	0.00E+00	-3.23E-04	8.20E-10	1.82E-08	7.18E-02	1.91E+00	5.30E-09	0.00E+00	4.43E+00	4.95E-03	1.43E+01	0.00E+00	1.20E-07	5.07E-08	3.86E-03	2.70E-07	8.64E-01	0.00E+00	1.43E+01	3.70E-06	1.43E+01	1.51E+01	8.64E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
VF112PM	6.54E-03	1.62E+00	3.06E-02	1.61E+00	0.00E+00	0.00E+00	3.87E+00	6.36E-06	2.24E-03	1.49E-02	0.00E+00	-3.91E-04	7.71E-10	1.83E-08	5.98E-02	1.79E+00	5.30E-09	0.00E+00	4.00E+00	6.05E-03	1.20E+01	0.00E+00	1.07E-07	4.69E-08	3.88E-03	3.04E-07	7.80E-01	0.00E+00	1.20E+01	2.59E-06	1.20E+01	1.30E+01	7.80E-01	0.00E+00	0.00E+00	0.00E+00	1.23E+02
VF112PP	7.07E-03	1.19E+00	3.79E-02	1.15E+00	0.00E+00	0.00E+00	4.93E+00	1.18E-05	2.37E-03	1.30E-02	0.00E+00	-7.34E-04	1.14E-09	2.36E-08	9.11E-02	2.37E+00	0.00E+00	0.00E+00	6.23E+00	9.90E-03	1.85E+01	0.00E+00	1.51E-07	6.13E-08	3.76E-03	3.85E-07	1.17E+00	0.00E+00	1.85E+01	5.83E-06	1.85E+01	1.97E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+02
VF112PR	7.80E-03	1.76E+00	3.72E-02	1.72E+00	0.00E+00	0.00E+00	4.62E+00	9.25E-06	2.59E-03	1.58E-02	0.00E+00	-2.06E-03	1.08E-09	1.86E-08	7.96E-02	2.20E+00	9.51E-07	0.00E+00	5.21E+00	2.17E-02	1.61E+01	0.00E+00	1.35E-07	6.08E-08	4.32E-03	6.83E-07	1.01E+00	0.00E+00	1.61E+01	3.83E-06	1.61E+01	1.71E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+02
VF112PS	7.31E-03	1.64E+00	4.31E-02	1.59E+00	0.00E+00	0.00E+00	4.73E+00	1.04E-05	2.59E-03	1.57E-02	0.00E+00	-1.51E-03	1.13E-09	2.34E-08	7.91E-02	2.24E+00	0.00E+00	0.00E+00	5.69E+00	2.01E-02	1.66E+01	0.00E+00	1.38E-07	5.89E-08	4.24E-03	6.33E-07	1.08E+00	0.00E+00	1.66E+01	4.83E-06	1.66E+01	1.76E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+02
VF112PT	1.46E-02	1.94E+00	5.59E-02	1.88E+00	0.00E+00	0.00E+00	8.00E+00	1.53E-05	7.71E-03	1.88E-02	0.00E+00	-7.49E-04	1.85E-09	8.28E-08	9.50E-02	3.49E+00	0.00E+00	0.00E+00	8.61E+00	1.01E-02	1.99E+01	0.00E+00	1.67E-07	7.64E-08	5.34E-03	4.21E-07	1.59E+00	0.00E+00	1.99E+01	4.63E-06	1.99E+01	2.14E+01	1.59E+00	0.00E+00	0.00E+00	0.00E+00	2.89E+02
VF112PY	7.02E-03	1.74E+00	3.21E-02	1.65E+00	0.00E+00	0.00E+00	4.52E+00	9.37E-06	2.63E-03	1.46E-02	0.00E+00	-6.73E-04	9.68E-10	1.88E-08	8.19E-02	2.10E+00	5.30E-09	0.00E+00	5.23E+00	1.08E-02	1.63E+01	0.00E+00	1.35E-07	5.61E-08	3.95E-03	3.46E-07	1.02E+00	0.00E+00	1.63E+01	4.46E-06	1.63E+01	1.75E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+02
VF112PZG	5.14E-03	1.51E+00	2.37E-02	1.52E+00	0.00E+00	0.00E+00	3.80E+00	7.34E-06	1.84E-03	1.38E-02	0.00E+00	-5.95E-04	7.93E-10	1.68E-08	5.95E-02	1.75E+00	5.30E-09	0.00E+00	4.05E+00	8.46E-03	1.21E+01	0.00E+00	1.06E-07	4.48E-08	3.42E-03	2.41E-07	8.04E-01	0.00E+00	1.21E+01	3.50E-06	1.21E+01	1.28E+01	8.04E-01	0.00E+00	0.00E+00	0.00E+00	1.26E+02
VF112TA	7.07E-03	1.71E+00	3.14E-02	1.59E+00	0.00E+00	0.00E+00	4.05E+00	9.15E-06	2.29E-03	1.50E-02	0.00E+00	-3.58E-04	8.51E-10	1.77E-08	7.25E-02	1.97E+00	5.30E-09	0.00E+00	4.52E+00	6.04E-03	1.50E+01	0.00E+00	1.24E-07	5.49E-08	4.05E-03	3.00E-07	8.92E-01	0.00E+00	1.50E+01	4.52E-06	1.50E+01	1.57E+01	8.92E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
VF112TD	7.07E-03	1.72E+00	3.12E-02	1.58E+00	0.00E+00	0.00E+00	4.10E+00	9.14E-06	2.29E-03	1.50E-02	0.00E+00	-3.56E-04	8.57E-10	1.77E-08	7.48E-02	1.98E+00	5.30E-09	0.00E+00	4.59E+00	6.04E-03	1.50E+01	0.00E+00	1.26E-07	5.50E-08	4.04E-03	3.01E-07	9.02E-01	0.00E+00	1.50E+01	4.53E-06	1.50E+01	1.58E+01	9.02E-01	0.00E+00	0.00E+00	0.00E+00	1.45E+02
VF112TE	6.27E-03	1.62E+00	2.66E-02	1.54E+00	0.00E+00	0.00E+00	3.78E+00	9.00E-06	1.65E-03	1.40E-02	0.00E+00	-3.68E-05	8.68E-10	9.74E-09	7.31E-02	1.89E+00	5.30E-09	0.00E+00	4.64E+00	6.03E-04	1.52E+01	0.00E+00	1.25E-07	5.45E-08	3.98E-03	1.34E-07	9.02E-01	0.00E+00	1.52E+01	4.72E-06	1.52E+01	1.59E+01	9.02E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
VF112TF	7.11E-03	1.75E+00	3.21E-02	1.61E+00	0.00E+00	0.00E+00	4.16E+00	9.84E-06	2.30E-03	1.46E-02	0.00E+00	-3.70E-04	8.08E-10	1.79E-08	6.73E-02	2.00E+00	5.30E-09	0.00E+00	4.74E+00	5.52E-03	1.49E+01	0.00E+00	1.24E-07	5.43E-08	3.98E-03	3.00E-07	9.09E-01	0.00E+00	1.49E+01	4.63E-06	1.49E+01	1.57E+01	9.09E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
VF112TJ	7.07E-03	1.70E+00	3.14E-02	1.58E+00	0.00E+00	0.00E+00	4.08E+00	9.13E-06	2.29E-03	1.51E-02	0.00E+00	-3.70E-04	8.35E-10	1.76E-08	7.46E-02	1.97E+00	5.30E-09	0.00E+00	4.54E+00	6.04E-03	1.48E+01	0.00E+00	1.26E-07	5.49E-08	4.05E-03	3.03E-07	8.98E-01	0.00E+00	1.48E+01	4.51E-06	1.48E+01	1.56E+01	8.98E-01	0.00E+00	0.00E+00	0.00E+00	1.45E+02
VF112TM	5.59E-03	1.55E+00	2.58E-02	1.58E+00	0.00E+00	0.00E+00	3.99E+00	8.56E-06	1.78E-03	1.49E-02	0.00E+00	-1.29E-03	9.37E-10	1.76E-08	6.27E-02	1.85E+00	9.51E-07	0.00E+00	4.63E+00	8.13E-03	1.32E+01	0.00E+00	1.12E-07	5.01E-08	3.65E-03	2.80E-07	8.64E-01	0.00E+00	1.32E+01	3.60E-06	1.32E+01	1.40E+01	8.64E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
VF112TP	7.97E-03	1.32E+00	3.94E-02	1.28E+00	0.00E+00	0.00E+00	5.40E+00	1.47E-05	2.49E-03	1.44E-02	0.00E+00	-7.34E-04	1.17E-09	2.47E-08	9.11E-02	2.60E+00	0.00E+00	0.00E+00	6.86E+00	9.90E-03	2.05E+01	0.00E+00	1.65E-07	7.11E-08	4.25E-03	3.89E-07	1.27E+00	0.00E+00	2.05E+01	7.40E-06	2.05E+01	2.18E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	2.22E+02
VF112TR	7.79E-03	1.73E+00	3.67E-02	1.61E+00	0.00E+00	0.00E+00	4.69E+00	9.86E-06	2.59E-03	1.54E-02	0.00E+00	-1.63E-03	9.57E-10	1.87E-08	8.09E-02	2.21E+00	7.91E-09	0.00E+00	5.20E+00	2.11E-02	1.63E+01	0.00E+00	1.36E-07	6.04E-08	4.22E-03	6.75E-07	1.02E+00	0.00E+00	1.63E+01	4.34E-06	1.63E+01	1.74E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+02
VF112TS	7.77E-03	1.68E+00	3.90E-02	1.58E+00	0.00E+00	0.00E+00	5.05E+00	1.06E-05	2.84E-03	1.52E-02	0.00E+00	-1.97E-03	1.15E-09	2.04E-08	8.02E-02	2.22E+00	7.91E-09	0.00E+00	5.68E+00	2.31E-02	1.66E+01	0.00E+00	1.34E-07	6.02E-08	4.16E-03	6.99E-07	1.08E+00	0.00E+00	1.66E+01	4.87E-06	1.66E+01	1.77E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+02
VF112TY	7.68E-03	1.71E+00	3.47E-02	1.60E+00	0.00E+00	0.00E+00	4.63E+00	1.02E-05	2.68E-03	1.53E-02	0.00E+00	-7.32E-04	9.59E-10	1.81E-08	8.13E-02	2.18E+00	5.30E-09	0.00E+00	5.34E+00	1.18E-02	1.68E+01	0.00E+00	1.37E-07	6.04E-08	4.22E-03	3.67E-07	1.05E+00	0.00E+00	1.68E+01	4.96E-06	1.68E+01	1.79E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+02
VF118PA	8.02E-03	1.92E+00	4.05E-02	1.88E+00	0.00E+00	0.00E+00	5.80E+00	1.18E-05	2.27E-03	2.01E-02	0.00E+00	-3.93E-04	1.06E-09	2.53E-08	1.01E-01	2.61E+00	5.30E-09	0.00E+00	6.29E+00	4.96E-03	1.98E+01	0.00E+00	1.69E-07	6.81E-08	4.52E-03	3.31E-07	1.24E+00	0.00E+00	1.98E+01	5.79E-06	1.98E+01	2.12E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+02
VF118PD	7.23E-03	2.04E+00	3.53E-02	2.00E+00	0.00E+00	0.00E+00	5.34E+00	1.11E-05	1.94E-03	1.95E-02	0.00E+00	6.03E-19	1.26E-09	1.56E-08	9.88E-02	2.51E+00	0.00E+00	0.00E+00	6.33E+00	2.66E-04	1.99E+01	0.00E+00	1.68E-07	6.86E-08	5.10E-03	1.89E-07	1.24E+00	0.00E+00	1.99E+01	5.75E-06	1.99E+01	2.11E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+02
VF118PEH	8.45E-03	1.98E+00	5.68E-02	1.94E+00	0.00E+00	0.00E+00	6.21E+00	1.30E-05	2.95E-03	2.04E-02	0.00E+00	-2.48E-03	1.35E-09	3.02E-08	1.08E-01	2.85E+00	5.30E-09	0.00E+00	7.57E+00	2.98E-02	2.17E+01	0.00E+00	1.72E-07	7.39E-08	4.90E-03	1.02E-06	1.44E+00	0.00E+00	2.17E+01	6.38E-06	2.17E+01	2.36E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+02
VF118PES	8.37E-03	1.55E+00	5.51E-02	1.50E+00	0.00E+00	0.00E+00	6.11E+00	1.47E-05	2.47E-03	1.68E-02	0.00E+00	-1.90E-03	1.35E-09	2.41E-08	1.19E-01	2.96E+00	0.00E+00	0.00E+00	7.71E+00	2.54E-02	2.40E+01	0.00E+00	1.97E-07	7.84E-08	4.84E-03	8.04E-07	1.47E+00	0.00E+00	2.40E+01	7.51E-06	2.40E+01	2.55E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+02
VF118PF	7.94E-03	2.00E+00	3.59E-02	1.97E+00	0.00E+00	0.00E+00	5.30E+00	1.05E-05	2.39E-03	2.02E-02	0.00E+00	-4.58E-04	9.97E-10	2.59E-08	9.53E-02	2.47E+00	5.30E-09	0.00E+00	5.85E+00	6.34E-03	1.89E+01	0.00E+00	1.59E-07	6.45E-08	4.62E-03	3.39E-07	1.19E+00	0.00E+00	1.89E+01	5.12E-06	1.89E+01	1.96E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+02
VF118PJ	8.09E-03	1.99E+00	4.08E-02	1.96E+00	0.00E+00	0.00E+00	5.02E+00	9.93E-06	2.28E-03	1.96E-02	0.00E+00	-5.00E-04	9.69E-10	1.95E-08	9.69E-02	2.42E+00	5.30E-09	0.00E+00	5.67E+00	6.56E-03	1.89E+01	0.00E+00	1.58E-07	6.41E-08	4.59E-03	4.03E-07	1.16E+00	0.00E+00	1.89E+01	5.71E-06	1.89E+01	1.96E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+02
VF118PJ1	8.25E-03	1.97E+00	4.36E-02	1.94E+00	0.00E+00	0.00E+00	5.57E+00	1.12E-05	2.24E-03	1.97E-02	0.00E+00	-4.28E-04	1.04E-09	2.33E-08	9.77E-02	2.56E+00	5.30E-09	0.00E+00	6.10E+00	5.53E-03	1.97E+01	0.00E+00	1.65E-07	6.72E-08	4.70E-03	3.63E-07	1.21E+00	0.00E+00	1.97E+01	5.86E-06	1.97E+01	2.09E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+02

VF118PM	8.05E-03	1.91E+00	4.57E-02	1.87E+00	0.00E+00	0.00E+00	5.82E+00	1.13E-05	2.47E-03	2.03E-02	0.00E+00	-6.42E-04	1.04E-09	2.78E-08	9.95E-02	2.61E+00	5.30E-09	0.00E+00	6.23E+00	1.05E-02	1.98E+01	0.00E+00	1.67E-07	6.78E-08	4.45E-03	5.64E-07	1.25E+00	0.00E+00	1.98E+01	5.65E-06	1.98E+01	2.08E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+02
VF118PP	9.33E-03	1.59E+00	5.14E-02	1.53E+00	0.00E+00	0.00E+00	6.65E+00	1.57E-05	3.12E-03	1.72E-02	0.00E+00	-1.10E-03	1.44E-09	3.13E-08	1.21E-01	3.14E+00	0.00E+00	0.00E+00	8.17E+00	1.48E-02	2.46E+01	0.00E+00	2.01E-07	8.11E-08	4.99E-03	5.53E-07	1.55E+00	0.00E+00	2.46E+01	7.65E-06	2.46E+01	2.62E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	2.48E+02
VF118PR	1.07E-02	2.17E+00	5.78E-02	2.08E+00	0.00E+00	0.00E+00	6.45E+00	1.39E-05	2.75E-03	2.17E-02	0.00E+00	-1.64E-03	1.38E-09	2.24E-08	1.05E-01	3.26E+00	5.30E-09	0.00E+00	7.65E+00	2.19E-02	2.26E+01	0.00E+00	1.84E-07	8.45E-08	6.19E-03	9.30E-07	1.48E+00	0.00E+00	2.26E+01	6.96E-06	2.26E+01	2.38E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+02
VF118PS	9.69E-03	2.14E+00	5.97E-02	2.08E+00	0.00E+00	0.00E+00	6.42E+00	1.40E-05	3.43E-03	2.07E-02	0.00E+00	-2.27E-03	1.44E-09	3.14E-08	1.07E-01	3.00E+00	0.00E+00	0.00E+00	7.52E+00	3.02E-02	2.22E+01	0.00E+00	1.85E-07	7.84E-08	5.60E-03	9.26E-07	1.44E+00	0.00E+00	2.22E+01	6.40E-06	2.22E+01	2.37E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+02
VF118PT	1.68E-02	2.51E+00	7.32E-02	2.44E+00	0.00E+00	0.00E+00	1.11E+01	2.18E-05	8.28E-03	2.42E-02	0.00E+00	-1.13E-03	2.39E-09	8.77E-08	1.28E-01	4.39E+00	0.00E+00	0.00E+00	1.13E+01	1.53E-02	2.64E+01	0.00E+00	2.18E-07	9.73E-08	6.78E-03	6.02E-07	2.09E+00	0.00E+00	2.64E+01	6.37E-06	2.64E+01	2.84E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	3.73E+02
VF118PY	9.51E-03	2.08E+00	4.75E-02	2.06E+00	0.00E+00	0.00E+00	6.09E+00	1.33E-05	2.66E-03	2.08E-02	0.00E+00	-9.99E-04	1.24E-09	2.76E-08	1.07E-01	2.92E+00	5.30E-09	0.00E+00	7.21E+00	1.51E-02	2.15E+01	0.00E+00	1.83E-07	7.79E-08	5.46E-03	5.90E-07	1.39E+00	0.00E+00	2.15E+01	6.20E-06	2.15E+01	2.31E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+02
VF118TA	8.46E-03	1.98E+00	4.80E-02	1.95E+00	0.00E+00	0.00E+00	5.85E+00	1.26E-05	2.33E-03	2.09E-02	0.00E+00	-3.37E-04	1.07E-09	2.18E-08	1.06E-01	2.74E+00	5.30E-09	0.00E+00	6.62E+00	5.38E-03	2.14E+01	0.00E+00	1.76E-07	7.80E-08	5.29E-03	3.41E-07	1.31E+00	0.00E+00	2.14E+01	7.17E-06	2.14E+01	2.27E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+02
VF118TD	8.66E-03	1.97E+00	4.68E-02	1.95E+00	0.00E+00	0.00E+00	5.64E+00	1.21E-05	2.40E-03	2.04E-02	0.00E+00	-4.46E-04	1.05E-09	2.12E-08	9.82E-02	2.61E+00	5.30E-09	0.00E+00	6.23E+00	5.97E-03	2.04E+01	0.00E+00	1.72E-07	7.41E-08	5.15E-03	3.61E-07	1.22E+00	0.00E+00	2.04E+01	7.21E-06	2.04E+01	2.15E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+02
VF118TES	9.02E-03	2.02E+00	5.88E-02	1.98E+00	0.00E+00	0.00E+00	6.31E+00	1.38E-05	2.86E-03	2.08E-02	0.00E+00	-2.15E-03	1.31E-09	2.73E-08	1.07E-01	3.03E+00	5.30E-09	0.00E+00	7.38E+00	2.69E-02	2.22E+01	0.00E+00	1.76E-07	7.98E-08	5.34E-03	8.81E-07	1.43E+00	0.00E+00	2.22E+01	7.27E-06	2.22E+01	2.36E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+02
VF118TF	8.39E-03	2.04E+00	4.53E-02	2.03E+00	0.00E+00	0.00E+00	5.50E+00	1.21E-05	2.26E-03	2.08E-02	0.00E+00	-4.68E-04	9.67E-10	2.16E-08	9.84E-02	2.63E+00	5.30E-09	0.00E+00	6.16E+00	5.61E-03	2.02E+01	0.00E+00	1.71E-07	7.31E-08	5.05E-03	3.79E-07	1.23E+00	0.00E+00	2.02E+01	6.80E-06	2.02E+01	2.13E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+02
VF118TJ	8.54E-03	1.99E+00	4.36E-02	1.97E+00	0.00E+00	0.00E+00	5.06E+00	1.11E-05	2.26E-03	2.02E-02	0.00E+00	-4.79E-04	9.51E-10	1.73E-08	9.95E-02	2.56E+00	5.30E-09	0.00E+00	5.86E+00	5.73E-03	2.03E+01	0.00E+00	1.68E-07	7.19E-08	5.13E-03	3.68E-07	1.18E+00	0.00E+00	2.03E+01	6.99E-06	2.03E+01	2.13E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+02
VF118TJ1	8.61E-03	1.99E+00	4.74E-02	1.96E+00	0.00E+00	0.00E+00	5.33E+00	1.14E-05	2.27E-03	2.02E-02	0.00E+00	-4.19E-04	9.78E-10	1.80E-08	1.01E-01	2.58E+00	5.30E-09	0.00E+00	5.98E+00	5.45E-03	2.06E+01	0.00E+00	1.73E-07	7.33E-08	5.12E-03	3.74E-07	1.20E+00	0.00E+00	2.06E+01	7.13E-06	2.06E+01	2.15E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+02
VF118TM	8.54E-03	2.00E+00	4.88E-02	1.97E+00	0.00E+00	0.00E+00	5.33E+00	1.11E-05	2.30E-03	2.03E-02	0.00E+00	-6.53E-04	9.83E-10	1.76E-08	1.01E-01	2.58E+00	5.30E-09	0.00E+00	5.92E+00	9.76E-03	2.05E+01	0.00E+00	1.72E-07	7.30E-08	5.12E-03	6.22E-07	1.20E+00	0.00E+00	2.05E+01	7.06E-06	2.05E+01	2.14E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+02
VF118TP	1.07E-02	2.07E+00	5.77E-02	1.99E+00	0.00E+00	0.00E+00	6.45E+00	1.51E-05	2.76E-03	2.09E-02	0.00E+00	-1.49E-03	1.34E-09	2.79E-08	1.09E-01	3.20E+00	5.30E-09	0.00E+00	7.58E+00	2.05E-02	2.32E+01	0.00E+00	1.89E-07	8.65E-08	6.16E-03	6.66E-07	1.49E+00	0.00E+00	2.32E+01	7.11E-06	2.32E+01	2.42E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	2.47E+02
VF118TR	9.29E-03	2.05E+00	5.52E-02	2.01E+00	0.00E+00	0.00E+00	5.86E+00	1.27E-05	2.74E-03	2.12E-02	0.00E+00	-1.66E-03	1.20E-09	2.13E-08	1.03E-01	3.06E+00	5.30E-09	0.00E+00	7.36E+00	2.20E-02	2.18E+01	0.00E+00	1.78E-07	8.08E-08	5.70E-03	9.23E-07	1.40E+00	0.00E+00	2.18E+01	7.20E-06	2.18E+01	2.32E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.22E+02
VF118TS	9.35E-03	2.00E+00	5.99E-02	2.08E+00	0.00E+00	0.00E+00	5.88E+00	1.21E-05	2.86E-03	2.05E-02	0.00E+00	-2.56E-03	1.37E-09	2.38E-08	1.10E-01	2.98E+00	1.24E-06	0.00E+00	7.21E+00	4.02E-02	2.26E+01	0.00E+00	1.84E-07	8.25E-08	5.80E-03	1.13E-06	1.42E+00	0.00E+00	2.26E+01	7.11E-06	2.26E+01	2.43E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+02
VF122PD	7.74E-03	2.23E+00	3.79E-02	2.19E+00	0.00E+00	0.00E+00	5.63E+00	1.16E-05	2.01E-03	2.13E-02	0.00E+00	6.54E-19	1.32E-09	1.54E-08	1.08E-01	2.70E+00	0.00E+00	0.00E+00	6.74E+00	2.90E-04	2.17E+01	0.00E+00	1.83E-07	7.44E-08	5.56E-03	2.07E-07	1.33E+00	0.00E+00	2.17E+01	6.26E-06	2.17E+01	2.30E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02
VF122PF	7.87E-03	1.88E+00	4.26E-02	1.88E+00	0.00E+00	0.00E+00	5.70E+00	1.14E-05	2.47E-03	2.08E-02	0.00E+00	-4.54E-04	1.11E-09	2.60E-08	1.05E-01	2.79E+00	5.30E-09	0.00E+00	6.87E+00	6.40E-03	2.17E+01	0.00E+00	1.73E-07	7.13E-08	4.73E-03	4.09E-07	1.35E+00	0.00E+00	2.17E+01	6.20E-06	2.17E+01	2.27E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	2.05E+02
VF122PJ	9.47E-03	2.29E+00	5.07E-02	2.28E+00	0.00E+00	0.00E+00	7.34E+00	1.47E-05	3.09E-03	2.16E-02	0.00E+00	-1.77E-03	1.58E-09	2.78E-08	1.16E-01	3.27E+00	9.93E-07	0.00E+00	8.24E+00	2.66E-02	2.44E+01	0.00E+00	2.01E-07	8.31E-08	5.80E-03	8.85E-07	1.58E+00	0.00E+00	2.44E+01	6.32E-06	2.44E+01	2.57E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+02
VF122PM	9.54E-03	2.26E+00	5.21E-02	2.12E+00	0.00E+00	0.00E+00	7.21E+00	1.48E-05	3.28E-03	2.21E-02	0.00E+00	-9.30E-04	1.43E-09	2.81E-08	1.12E-01	3.32E+00	5.30E-09	0.00E+00	8.20E+00	1.19E-02	2.35E+01	0.00E+00	1.93E-07	8.19E-08	5.83E-03	6.28E-07	1.55E+00	0.00E+00	2.35E+01	6.34E-06	2.35E+01	2.49E+01	1.55E+00	0.00E+00	0.00E+00	0.00E+00	2.48E+02
VF122PP	1.10E-02	1.80E+00	6.12E-02	1.74E+00	0.00E+00	0.00E+00	7.84E+00	1.82E-05	3.90E-03	1.95E-02	0.00E+00	-1.47E-03	1.66E-09	3.97E-08	1.37E-01	3.62E+00	0.00E+00	0.00E+00	9.38E+00	1.97E-02	2.78E+01	0.00E+00	2.27E-07	9.20E-08	5.66E-03	6.97E-07	1.78E+00	0.00E+00	2.78E+01	8.48E-06	2.78E+01	2.96E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+02
VF122PS	1.01E-02	2.02E+00	6.18E-02	2.01E+00	0.00E+00	0.00E+00	7.66E+00	1.67E-05	3.53E-03	2.00E-02	0.00E+00	-2.70E-03	1.59E-09	3.43E-08	1.17E-01	3.27E+00	2.08E-05	0.00E+00	8.62E+00	3.66E-02	2.40E+01	0.00E+00	1.95E-07	8.27E-08	5.53E-03	1.14E-06	1.63E+00	0.00E+00	2.40E+01	6.29E-06	2.40E+01	2.58E+01	1.63E+00	0.00E+00	0.00E+00	0.00E+00	2.69E+02
VF122TA	1.12E-02	2.36E+00	5.25E-02	2.17E+00	0.00E+00	0.00E+00	7.61E+00	1.79E-05	3.07E-03	2.24E-02	0.00E+00	-5.41E-04	1.49E-09	2.47E-08	1.14E-01	3.46E+00	5.30E-09	0.00E+00	8.85E+00	7.01E-03	2.52E+01	0.00E+00	1.98E-07	9.31E-08	6.52E-03	4.30E-07	1.63E+00	0.00E+00	2.52E+01	8.58E-06	2.52E+01	2.65E+01	1.63E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+02
VF122TD	1.11E-02	2.41E+00	5.17E-02	2.19E+00	0.00E+00	0.00E+00	7.35E+00	1.70E-05	3.07E-03	2.25E-02	0.00E+00	-5.44E-04	1.46E-09	2.55E-08	1.05E-01	3.39E+00	5.30E-09	0.00E+00	8.23E+00	7.30E-03	2.36E+01	0.00E+00	1.86E-07	9.10E-08	6.51E-03	4.29E-07	1.53E+00	0.00E+00	2.36E+01	8.54E-06	2.36E+01	2.42E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	2.66E+02
VF122TF	1.03E-02	2.17E+00	4.93E-02	2.09E+00	0.00E+00	0.00E+00	5.93E+00	1.42E-05	2.41E-03	2.15E-02	0.00E+00	-4.63E-04	1.13E-09	2.05E-08	1.05E-01	3.06E+00	5.30E-09	0.00E+00	7.36E+00	6.56E-03	2.33E+01	0.00E+00	1.87E-07	8.73E-08	6.15E-03	3.75E-07	1.44E+00	0.00E+00	2.33E+01	7.58E-06	2.33E+01	2.41E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+02
VF122TJ	1.13E-02	2.36E+00	5.38E-02	2.22E+00	0.00E+00	0.00E+00	7.63E+00	1.71E-05	3.03E-03	2.19E-02	0.00E+00	-5.54E-04	1.46E-09	2.46E-08	1.15E-01	3.49E+00	5.30E-09	0.00E+00	8.66E+00	7.39E-03	2.54E+01	0.00E+00	2.03E-07	9.34E-08	6.54E-03	4.29E-07	1.64E+00	0.00E+00	2.54E+01	7.53E-06	2.54E+01	2.69E+01	1.64E+00	0.00E+00	0.00E+00	0.00E+00	2.67E+02
VF122TM	1.11E-02	2.35E+00	5.58E-02	2.17E+00	0.00E+00	0.00E+00	7.66E+00	1.74E-05	3.11E-03	2.24E-02	0.00E+00	-9.19E-04	1.46E-09	2.49E-08	1.17E-01	3.55E+00	5.30E-09	0.00E+00	8.82E+00	1.16E-02	2.65E+01	0.00E+00	2.11E-07	9.44E-08	6.58E-03	6.55E-07	1.65E+00	0.00E+00	2.65E+01	8.28E-06	2.65E+01	2.80E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+02
VF122TP	1.15E-02	2.20E+00	6.16E-02	2.03E+00	0.00E+00	0.00E+00	7.92E+00	1.91E-05	3.74E-03	2.17E-02	0.00E+00	-1.62E-03	1.59E-09	3.80E-08	1.22E-01	3.58E+00	5.30E-09	0.00E+00	9.32E+00	2.25E-02	2.70E+01	0.00E+00	2.18E-07	9.73E-08	6.56E-03	7.83E-07	1.74E+00	0.00E+00	2.70E+01	1.00E-05	2.70E+01	2.86E+01	1.74E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+02
VF122TS	1.15E-02	2.09E+00	6.27E-02	2.05E+00	0.00E+00	0.00E+00	7.99E+00	1.92E-05	3.57E-03	2.07E-02	0.00E+00	-2.44E-03	1.57E-09	3.45E-08	1.20E-01	3.48E+00	3.64E-05	0.00E+00	9.21E+00	3.16E-02	2.57E+01	0.00E+00	2.00E-07	9.49E-08	6.36E-03	9.95E-07	1.71E+00	0.00E+00	2.57E+01	8.57E-06	2.57E+01	2.73E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+02
VF212PA	9.71E-03	2.22E+00	4.86E-02	2.03E+00	0.00E+00	0.00E+00	7.22E+00	1.60E-05	3.12E-03	2.14E-02	0.00E+00	-3.36E-04	1.53E-09	2.60E-08	1.08E-01	3.26E+00	5.30E-09	0.00E+00	8.10E+00	4.74E-03	2.26E+01	0.00E+00	1.87E-07	8.17E-08	5.86E-03	3.86E-07	1.52E+00	0.00E+00	2.26E+01	7.36E-06	2.26E+01	2.40E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	2.56E+02
VF212PD	8.14E-03	2.29E+00	3.94E-02	2.25E+00	0.00E+00	0.00E+00	6.06E+00	1.33E-05	2.07E-03	2.19E-02	0.00E+00	6.74E-19	1.46E-09	1.64E-08	1.09E-01	2.83E+00	0.00E+00	0.00E+00	7.29E+00	2.94E-04	2.26E+01	0.00E+00	1.89E-07	7.87E-08	5.78E-03	2.10E-07	1.40E+00	0.00E+00	2.26E+01	6.89E-06	2.26E+01	2.40E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+02
VF212PE	7.63E-03	1.65E+00	4.01E-02	1.61E+00	0.00E+00	0.00E+00	6.15E+00	1.50E-05	1.63E-03	1.79E-02	0.00E+00	6.70E-19	1.43E-09	1.51E-08	1.26E-01	2.97E+00	0.00E+00	0.00E+00	7.95E+00	2.93E-04	2.53E+01	0.00E+00	2.07E-07	8.18E-08	5.07E-03	2.09E-07	1.52E+00	0.00E+00	2.53E+01	8.27E-06	2.53E+01	2.68E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+02
VF212PEB	6.20E-03	1.36E+00	3.45E-02	1.33E+00	0.00E+00	0.00E+00	5.20E+00	1.17E-05	1.32E-03	1.50E-02	0.00E+00	5.79E-19	1.12E-09	1.21E-08	1.13E-01	2.51E+00	0.00E+00	0.00E+00	6.53E+00	2.60E-04	2.17E+01	0.00E+00	1.79E-07	6.74E-08	4.21E-03	1.85E-07	1.28E+00	0.00E+00	2.17E+01	6.56E-06	2.17E+01	2.30E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+02
VF212PEH	8.29E-03	2.34E+00	4.05E-02	2.30E+00	0.00E+00	0.00E+00	6.18E+00	1.41E-05	2.00E-03	2.25E-02	0.00E+00	7.02E-19	1.64E-09	1.56E-08	1.11E-01	2.91E+00	0.00E+00	0.00E+00	7.78E+00	2.99E-04	2.33E+01	0.00E+00	1.95E-07	8.19E-08	5.94E-03	2.13E-07	1.46E+00	0.00E+00	2.33E+01	7.39E-06	2.33E+01	2.48E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+02
VF212PF	8.10E-03	1.82E+00	4.44E-02	1.87E+00	0.00E+00	0.00E+00	5.20E+00	9.54E-06	2.22E-03	1.88E-02	0.00E+00	-1.66E-03	1.14E-09	2.24E-08	9.99E-02	2.58E+00	9.93E-07	0.00E+00	5.89E+00	2.56E-02	1.98E+01	0.00E+00	1.68E-07	6.69E-08	4.63E-03	8.61E-07	1.20E+00	0.00E+00	1.98E+01	5.59E-06	1.98E+01	2.06E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+02
VF212PJ	9.30E-03	1.94E+00	4.51E-02	1.97E+00	0.00E+00	0.00E+00	6.00E+00	1.30E-05	2.30E-03	1.99E-02	0.00E+00	-2.59E-04	1.25E-09	2.12E-08	1.09E-01	2.98E+00	5.30E-09	0.00E+00	7.21E+00	3.61E-03	2.32E+01	0.00E+00	1.93E-07	7.97E-08	5.43E-03	2.80E-07	1.41E+00	0.00E+00	2.32E+01	6.75E-06	2.32E+01	2.46E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+02
VF212PM	9.25E-03	1.93E+00	4.69E-02	1.92E+00	0.00E+00	0.00E+00	6.00E+00	1.28E-05	2.40E-03	1.97E-02	0.00E+00	-5.28E-04	1.24E-09	2.24E-08	1.08E-01	3.04E+00	5.30E-09	0.00E+00	7.18E+00	8.54E-03	2.34E+01	0.00E+00	1.93E-07	7.94E-08	5.46E-03	5.14E-07	1.40E+00	0.00E+00	2.34E+01	6.78E-06	2.34E+01	2.45E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+02
VF212PP	1.13E-02	1.85E+00	6.26E-02	1.78E+00	0.00E+00	0.00E+00	8.22E+00	1.95E-05	3.94E-03	2.00E-02	0.00E+00	-1.47E-03	1.80E-09	4.06E-08	1.38E-01	3.73E+00	0.00E+00	0.00E+00	9.86E+00	1.97E-02	2.85E+01	0.00E+00	2.32E-07	9.54E-08	5.82E-03	6.99E-07	1.85E+00	0.00E+00	2.85E+01	8.97E-06	2.85E+01	3.04E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+02
VF212PR	1.18E-02	2.12E+00	5.89E-02	2.03E+00	0.00E+00	0.00E+00	7.95E+00	2.01E-05	3.11E-03	2.09E-02	0.00E+00	-2.19E-03	1.58E-09	2.41E-08	1.33E-01	3.69E+00	2.86E-05	0.00E+00	9.91E+00	2.93E-02	2.94E+01	0.00E+00	2.35E-07	1.05E-07	6.34E-03	1.05E-06	1.80E+00	0.00E+00	2.94E+01	1.09E-05	2.94E+01	3.10E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+02
VF212PS	8.90E-03	1.48E+00	6.22E-02	1.42E+00	0.00E+00	0.00E+00	6.88E+00	1.65E-05	3.02E-03	1.58E-02	0.00E+00	-2.66E-03	1.54E-09	3.20E-08	1.08E-01	2.97E+00	0.00E+00	0.00E+00	8.11E+00	3.53E-02	2.26E+01	0.00E+00	1.83E-07	7.61E-08	4.61E-03	1.03E-06	1.49E+00	0.00E+00	2.26E+01	7.07E-06	2.26E+01	2.41E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	2.58E+02
VF212PT	2.62E-02	3.06E+00	9.88E-02	2.96E+00	0.00E+00	0.00E+00	1.47E+01	2.76E-05	1.46E-02	2.95E-02	0.00E+00	-1.50E-03	3.09E-09	1.57E-07	1.50E-01	6.00E+00	0.00E+00	0.00E+00	1.47E+01	2.02E-02	3.15E+01	0.00E+00	2.63E-07	1.23E-07	8.55E-03	7.65E-07	2.71E+00	0.00E+00	3.15E+01	6.72E-06	3.15E+01	3.43E+01	2.71E+00	0.00E+00	0.00E+00	0.00E+00	4.99E+02
VF212PY	1.03E-02	2.15E+00	5.48E-02	1.96E+00	0.00E+00	0.00E+00	7.66E+00	1.73E-05	3.46E-03	2.12E-02	0.00E+00	-1.01E-03	1.59E-09	3.06E-08	1.22E-01	3.42E+00	5.30E-09	0.00E+00	8.74E+00	1.47E-02	2.56E+01	0.00E+00	2.15E-07	8.93E-08	5.95E-03	6.74E-07	1.64E+00	0.00E+00	2.56E+01	8.24E-06	2.56E+01	2.71E+01	1.64E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+02
VF212PZB	5.55E-03	1.22E+00	2.76E-02	1.19E+00	0.00E+00	0.00E+00	3.13E+00	7.61E-06	1.19E-03	1.36E-02	0.00E+00	5.00E-19	7.76E-10	7.70E-09	1.02E-01	2.15E+00	0.00E+00	0.00E+00	5.15E+00	2.32E-04	1.94E+01	0.00E+00	1.62E-07	6.01E-08	3.83E-03	1.65E-07	1.05E+00	0.00E+00	1.94E+01	6.05E-06	1.94E+01	2.05E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+02
VF212PZC	7.37E-03	1.87E+00	3.55E-02	1.79E+00	0.00E+00	0.00E+00	5.44E+00	1.15E-05	2.55E-03	1.74E-02	0.00E+00	-6.82E-04	1.04E-09	2.35E-08	8.26E-02	2.35E+00	5.30E-09	0.00E+00	5.65E+00	1.04E-02	1.67E+01	0.00E+00	1.42E-07	5.89E-08	4.45E-03	3.55E-07	1.12E+00	0.00E+00	1.67E+01	4.58E-06	1.67E+01	1.78E+01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+02
VF212PZG	1.00E-02	2.09E+00	5.61E-02	1.90E+00	0.00E+00	0.00E+00	7.50E+00	1.61E-05	3.24E-03	2.10E-02	0.00E+00	-1.03E-03	1.46E-09	2.97E-08	1.21E-01	3.40E+00	5.30E-09	0.00E+00	8.23E+00	1.55E-02	2.54E+01	0.00E+00	2.12E-07	8.87E-08	5.76E-03	7.14E-07	1.58E+00	0.00E+00	2.54E+01	7.60E-06	2.54E+01	2.67E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	2.57E+02
VF212TA	1.12E-02	2.28E+00	5.13E-02	2.13E+00	0.00E+00	0.00E+00	6.92E+00	1.62E-05	2.90E-03	2.17E-02	0.00E+00	-3.52E-04	1.48E-09	2.26E-08	1.08E-01	3.22E+00	5.30E-09	0.00E+00	7.57E+00	5.07E-03	2.44E+01	0.00E+00	1.98E-07	9.23E-08	6.38E-03	3.78E-07	1.47E+00	0.00E+00	2.44E+01	8.92E-06	2.44E+01	2.55E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	2.51E+02
VF212TD	1.12E-02	2.21E+00	5.23E-02	2.06E+00	0.00E+00	0.00E+00	7.60E+00	1.85E-05	3.06E-03	2.13E-02	0.00E+00	-3.88E-04	1.56E-09	2.60E-08	1.05E-01	3.47E+00	5.30E-09	0.00E+00	8.41E+00	6.02E-03	2.39E+01	0.00E+00	1.89E-07	9.29E-08	6.39E-03	4.09E-07	1.56E+00	0.00E+00	2.39E+01	8.94E-06	2.39E+01	2.48E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	2.78E+02
VF212TE	1.07E-02	2.00E+00	5.02E-02	1.87E+00	0.00E+00	0.00E+00	6.05E+00	1.61E-05	2.18E-03	1.92E-02	0.00E+00	-1.48E-04	1.42E-09	1.77E-08	1.09E-01	3.14E+00	5.30E-09	0.00E+00	7.60E+00	3.32E-03	2.40E+01	0.00E+00	1.93E-07	9.06E-08	5.96E-03	3.07E-07	1.47E+00	0.00E+00	2.40E+01	9.02E-06	2.40E+01	2.53E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+02
VF212TF	8.66E-03	1.92E+00	4.95E-02	1.84E+00	0.00E+00	0.00E+00	6.02E+00	1.37E-05	2.46E-03	2.08E-02	0.00E+00	-2.94E-04	1.16E-09	2.15E-08	1.05E-01	2.91E+00	5.30E-09	0.00E+00	7.13E+00	5.27E-03	2.21E+01	0.00E+00	1.78E-07	8.07E-08	5.32E-03	3.32E-07	1.38E+00	0.00E+00	2.21E+01	7.70E-06	2.21E+01	2.34E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	2.16E+02
VF212TJ	1.07E-02	2.10E+00	5.19E-02	2.05E+00	0.00E+00	0.00E+00	6.47E+00	1.45E-05	2.71E-03	2.06E-02	0.00E+00	-3.11E-04	1.35E-09	1.96E-08	1.07E-01	3.09E+00	5.30E-09	0.00E+00	7.26E+00	4.82E-03	2.38E+01	0.00E+00	1.94E-07	8.79E-08	6.20E-03	3.45E-07	1.44E+00	0.00E+00	2.38E+01	7.56E-06	2.38E+01	2.47E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+02
VF212TM	1.11E-02	2.29E+00	5.58E-02	2.08E+00	0.00E+00	0.00E+00	7.69E+00	1.72E-05	3.09E-03	2.17E-02	0.00E+00	-6.37E-04	1.43E-09	2.42E-08	1.12E-01	3.54E+00	5.30E-09	0.00E+00	8.40E+00	1.03E-02	2.43E+01	0.00E+00	1.97E-07	9.09E-08	6.44E-03	6.40E-07	1.60E+00	0.00E+00	2.43E+01	7.56E-06	2.43E+01	2.57E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	2.65E+02
VF212TP	1.28E-02	2.06E+00	6.50E-02	1.99E+00	0.00E+00	0.00E+00	8.99E+00	2.43E-05	4.14E-03	2.22E-02	0.00E+00	-1.47E-03	1.85E-09	4.23E-08	1.38E-01	4.12E+00	0.00E+00	0.00E+00	1.09E+01	1.97E-02	3.17E+01	0.00E+00	2.55E-07	1.11E-07	6.63E-03	7.05E-07	2.01E+00	0.00E+00	3.17E+01	1.15E-05	3.17E+01	3.37E+01	2.01E+00	0.00E+00	0.00E+00	0.00E+00	3.59E+02
VF212TR	1.18E-02	2.11E+00	5.87E-02	2.03E+00	0.00E+00	0.00E+00	7.95E+00	2.01E-05	3.09E-03	2.09E-02	0.00E+00	-2.20E-03	1.58E-09	2.40E-08	1.32E-01	3.69E+00	2.86E-05	0.00E+00	9.90E+00	2.93E-02	2.94E+01	0.00E+00	2.35E-07	1.05E-07	6.33E-03	1.05E-06	1.80E+00	0.00E+00	2.94E+01	1.09E-05	2.94E+01	3.10E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+02
VF212TS	1.15E-02	2.00E+00	6.31E-02	1.93E+00	0.00E+00	0.00E+00	7.90E+00	1.96E-05	3.49E-03	1.97E-02	0.00E+00	-2.36E-03	1.69E-09	3.40E-08	1.17E-01	3.47E+00	2.86E-05	0.00E+00	9.11E+00	3.02E-02	2.59E+01	0.00E+00	2.09E-07	9.64E-08	6.16E-03	9.86E-07	1.69E+00	0.00E+00	2.59E+01	8.73E-06	2.59E+01	2.76E+01	1.69E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+02
VF212TY	1.17E-02	2.28E+00	5.87E-02	2.02E+00	0.00E+00	0.00E+00	8.08E+00	2.05E-05	3.40E-03	2.20E-02	0.00E+00	-1.08E-03	1.62E-09	2.93E-08	1.26E-01	3.76E+00	5.30E-09	0.00E+00	9.53E+00	1.58E-02	2.97E+01	0.00E+00	2.33E-07	1.04E-07	6.53E-03	6.83E-07	1.80E+00	0.00E+00	2.97E+01	1.12E-05	2.97E+01	3.11E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	3.05E+02
VF218PA	1.13E-02	2.56E+00	6.39E-02	2.61E+00	0.00E+00	0.00E+00	8.64E+00	1.97E-05	3.16E-03	2.71E-02	0.00E+00	-4.24E-04	1.85E-09	2.57E-08	1.51E-01	4.12E+00	5.30E-09	0.00E+00	1.03E+01	4.23E-03	3.30E+01	0.00E+00	2.64E-07	1.07E-07	7.26E-03	4.18E-07	2.00E+00	0.00E+00	3.30E+01	9.65E-06	3.30E+01	3.45E+01	2.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+02
VF218PD	1.04E-02	2.90E+00	5.13E-02	2.85E+00	0.00E+00	0.00E+00	8.15E+00	1.73E-05	2.72E-03	2.77E-02	0.00E+00	8.61E-19	1.84E-09	2.28E-08	1.40E-01	3.64E+00	0.00E+00	0.00E+00	9.32E+00	3.78E-04	2.87E+01	0.00E+00	2.41E-07	9.96E-08	7.31E-03	2.69E-07	1.81E+00	0.00E+00	2.87E+01	8.52E-06	2.87E+01	3.05E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.85E+02
VF218PEH	1.20E-02	2.35E+00	8.18E-02	2.39E+00	0.00E+00	0.00E+00	9.16E+00	2.12E-05	3.98E-03	2.58E-02	0.00E+00	-3.25E-03	1.97E-09	3.81E-08	1.61E-01	4.17E+00	5.30E-09	0.00E+00	1.13E+01	4.50E-02	3.39E+01	0.00E+00	2.71E-07	1.11E-07	7.14E-03	1.46E-06	2.11E+00	0.00E+00	3.39E+01	9.66E-06	3.39E+01	3.59E+01	2.11E+00	0.00E+00	0.00E+00	0.00E+00	3.43E+02
VF218PES	1.17E-02	2.22E+00	8.37E-02	2.13E+00	0.00E+00	0.00E+00	9.31E+00	2.23E-05	3.30E-03	2.39E-02	0.00E+00	-3.25E-03	1.98E-09	3.34E-08	1.68E-01	4.23E+00	0.00E+00	0.00E+00	1.12E+01	4.33E-02	3.43E+01	0.00E+00	2.79E-07	1.12E-07	6.87E-03	1.32E-06	2.13E+00	0.00E+00	3.43E+01	1.07E-05	3.43E+01	3.64E+01	2.13E+00	0.00E+00	0.00E+00	0.00E+00	3.40E+02
VF218PF	1.02E-02	2.18E+00	5.46E-02	2.14E+00	0.00E+00	0.00E+00	7.86E+00	1.65E-05	2.99E-03	2.22E-02	0.00E+00	-5.55E-04	1.53E-09	2.75E-08	1.39E-01	3.63E+00	5.30E-09	0.00E+00	9.06E+00	6.76E-03	2.83E+01	0.00E+00	2.31E-07	9.28E-08	5.92E-03	5.71E-07	1.76E+00	0.00E+00	2.83E+01	8.49E-06	2.83E+01	3.00E+01	1.76E+00	0.00E+00	0.00E+00	0.00E+00	2.66E+02
VF218PJ	1.05E-02	2.39E+00	5.43E-02	2.10E+00	0.00E+00	0.00E+00	8.05E+00	1.77E-05	3.10E-03	2.48E-02	0.00E+00	-4.25E-04	1.76E-09	2.68E-08	1.38E-01	3.69E+00	5.30E-09	0.00E+00	9.63E+00	4.08E-03	2.82E+01	0.00E+00	2.36E-07	9.64E-08	6.75E-03	4.70E-07	1.82E+00	0.00E+00	2.82E+01	8.73E-06	2.82E+01	3.03E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	2.77E+02
VF218PJ1	1.07E-02	2.41E+00	5.66E-02	2.24E+00	0.00E+00	0.00E+00	8.24E+00	1.74E-05	3.13E-03	2.64E-02	0.00E+00	-4.63E-04	1.61E-09	2.66E-08	1.51E-01	3.71E+00	5.30E-09	0.00E+00	9.46E+00	5.46E-03	3.04E+01	0.00E+00	2.51E-07	1.02E-07	7.01E-03	4.36E-07	1.80E+00	0.00E+00	3.04E+01	9.13E-06	3.04E+01	3.23E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+02
VF218PM	1.03E-02	2.34E+00	5.83E-02	2.18E+00	0.00E+00	0.00E+00	8.11E+00	1.68E-05	3.19E-03	2.49E-02	0.00E+00	-7.91E-04	1.58E-09	2.69E-08	1.45E-01	3.81E+00	5.30E-09	0.00E+00	9.30E+00	8.98E-03	2.82E+01	0.00E+00	2.45E-07	9.67E-08	6.72E-03	6.37E-07	1.78E+00	0.00E+00	2.82E+01	8.79E-06	2.82E+01	3.08E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	2.69E+02
VF218PP	1.40E-02	2.32E+00	7.90E-02	2.24E+00	0.00E+00	0.00E+00	1.06E+01	2.48E-05	4.80E-03	2.51E-02	0.00E+00	-1.84E-03	2.22E-09	5.00E-08	1.75E-01	4.69E+00	0.00E+00	0.00E+00	1.24E+01	2.46E-02	3.59E+01	0.00E+00	2.92E-07	1.19E-07	7.29E-03	8.79E-07	2.33E+00	0.00E+00	3.59E+01	1.11E-05	3.59E+01	3.83E+01	2.33E+00	0.00E+00	0.00E+00	0.00E+00	3.82E+02
VF218PR	1.33E-02	2.76E+00	7.65E-02	3.22E+00	0.00E+00	0.00E+00	9.25E+00	2.26E-05	3.43E-03	2.99E-02	0.00E+00	-2.34E-03	1.91E-09	2.77E-08	1.61E-01	4.67E+00	5.30E-09	0.00E+00	1.17E+01	3.10E-02	3.52E+01	0.00E+00	2.88E-07	1.25E-07	8.18E-03	1.07E-06	2.23E+00	0.00E+00	3.52E+01	1.30E-05	3.52E+01	3.77E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+02
VF218PS	1.20E-02	2.37E+00	8.03E-02	2.40E+00	0.00E+00	0.00E+00	9.40E+00	2.10E-05	3.97E-03	2.61E-02	0.00E+00	-3.10E-03	1.97E-09	3.83E-08	1.63E-01	4.31E+00	5.30E-09	0.00E+00	1.09E+01	4.32E-02	3.39E+01	0.00E+00	2.72E-07	1.13E-07	7.18E-03	1.43E-06	2.12E+00	0.00E+00	3.39E+01	9.65E-06	3.39E+01	3.63E+01	2.12E+00	0.00E+00	0.00E+00	0.00E+00	3.32E+02
VF218PT	3.25E-02	3.80E+00	1.28E-01	3.68E+00	0.00E+00	0.00E+00	1.89E+01	3.55E-05	1.79E-02	3.71E-02	0.00E+00	-2.26E-03	3.85E-09	1.97E-07	1.95E-01	7.59E+00	0.00E+00	0.00E+00	1.86E+01	3.04E-02	4.09E+01	0.00E+00	3.42E-07	1.58E-07	1.08E-02	1.09E-06	3.44E+00	0.00E+00	4.09E+01	8.75E-06	4.09E+01	4.43E+01	3.44E+00	0.00E+00	0.00E+00	0.00E+00	6.27E+02
VF218PY	1.27E-02	2.75E+00	7.40E-02	2.92E+00	0.00E+00	0.00E+00	9.37E+00	2.06E-05	3.83E-03	2.83E-02	0.00E+00	-1.17E-03	1.96E-09	3.61E-08	1.62E-01	4.40E+00	5.30E-09	0.00E+00	1.10E+01	1.64E-02	3.42E+01	0.00E+00	2.73E-07	1.15E-07	7.62E-03	7.36E-07	2.11E+00	0.00E+00	3.42E+01	9.92E-06	3.42E+01	3.60E+01	2.11E+00	0.00E+00	0.00E+00	0.00E+00	3.18E+02
VF218PZB	6.14E-03	1.70E+00	2.72E-02	1.79E+00	0.00E+00	0.00E+00	3.59E+00	7.24E-06	1.43E-03	1.68E-02	0.00E+00	-2.69E-04	8.63E-10	8.37E-09	7.39E-02	2.12E+00	5.30E-09	0.00E+00	4.60E+00	2.40E-03	1.60E+01	0.00E+00	1.37E-07	5.64E-08	4.23E-03	1.72E-07	9.76E-01	0.00E+00	1.60E+01	3.78E-06	1.60E+01	1.69E+01	9.76E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
VF218PZG	1.10E-02	2.68E+00	7.51E-02	2.86E+00	0.00E+00	0.00E+00	9.07E+00	1.91E-05	3.42E-03	2.68E-02	0.00E+00	-1.09E-03	1.87E-09	3.40E-08	1.49E-01	4.23E+00	5.30E-09	0.00E+00	1.06E+01	1.62E-02	3.06E+01	0.00E+00	2.54E-07	1.06E-07	7.44E-03	7.51E-07	2.05E+00	0.00E+00	3.06E+01	8.33E-06	3.06E+01	3.30E+01	2.05E+00	0.00E+00	0.00E+00	0.00E+00	3.02E+02
VF218TA	1.22E-02	2.62E+00	6.63E-02	2.89E+00	0.00E+00	0.00E+00	9.08E+00	2.27E-05	3.15E-03	2.88E-02	0.00E+00	-4.48E-04	1.84E-09	2.71E-08	1.52E-01	4.59E+00	5.30E-09	0.00E+00	1.11E+01	5.52E-03	3.50E+01	0.00E+00	2.83E-07	1.23E-07	7.93E-03	4.03E-07	2.17E+00	0.00E+00	3.50E+01	1.28E-05	3.50E+01	3.72E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	3.37E+02
VF218TD	1.16E-02	2.58E+00	6.26E-02	2.84E+00	0.00E+00	0.00E+00	8.29E+00	2.03E-05	3.15E-03	2.85E-02	0.00E+00	-4.77E-04	1.62E-09	2.64E-08	1.49E-01	4.00E+00	5.30E-09	0.00E+00	1.02E+01	6.24E-03	3.26E+01	0.00E+00	2.70E-07	1.16E-07	7.74E-03	4.64E-07	1.90E+00	0.00E+00	3.26E+01	1.29E-05	3.26E+01	3.49E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+02
VF218TES	1.30E-02	2.46E+00	8.07E-02	2.70E+00	0.00E+00	0.00E+00	9.37E+00	2.32E-05	3.97E-03	2.75E-02	0.00E+00	-2.72E-03	1.91E-09	3.90E-08	1.62E-01	4.64E+00	5.30E-09	0.00E+00	1.12E+01	3.38E-02	3.47E+01	0.00E+00	2.86E-07	1.25E-07	7.89E-03	1.10E-06	2.19E+00	0.00E+00	3.47E+01	1.30E-05	3.47E+01	3.72E+01	2.19E+00	0.00E+00	0.00E+00	0.00E+00	3.47E+02
VF218TF	1.09E-02	2.33E+00	5.33E-02	2.17E+00	0.00E+00	0.00E+00	8.15E+00	1.89E-05	3.13E-03	2.33E-02	0.00E+00	-4.85E-04	1.46E-09	2.61E-08	1.38E-01	3.73E+00	5.30E-09	0.00E+00	9.53E+00	6.54E-03	2.92E+01	0.00E+00	2.42E-07	1.03E-07	6.72E-03	4.78E-07	1.80E+00	0.00E+00	2.92E+01	1.13E-05	2.92E+01	3.14E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+02

VF218TJ	1.07E-02	2.32E+00	5.36E-02	2.15E+00	0.00E+00	0.00E+00	8.12E+00	1.88E-05	3.07E-03	2.33E-02	0.00E+00	-4.79E-04	1.47E-09	2.49E-08	1.37E-01	3.69E+00	5.30E-09	0.00E+00	9.47E+00	6.55E-03	2.91E+01	0.00E+00	2.41E-07	1.03E-07	6.64E-03	4.77E-07	1.79E+00	0.00E+00	2.91E+01	1.12E-05	2.91E+01	3.09E+01	1.79E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+02
VF218TJ1	1.20E-02	2.55E+00	6.57E-02	2.83E+00	0.00E+00	0.00E+00	8.52E+00	2.01E-05	3.12E-03	2.88E-02	0.00E+00	-4.77E-04	1.48E-09	2.63E-08	1.53E-01	4.42E+00	5.30E-09	0.00E+00	9.84E+00	6.24E-03	3.42E+01	0.00E+00	2.74E-07	1.20E-07	7.91E-03	4.55E-07	1.96E+00	0.00E+00	3.42E+01	1.14E-05	3.42E+01	3.66E+01	1.96E+00	0.00E+00	0.00E+00	0.00E+00	2.98E+02
VF218TM	1.08E-02	2.41E+00	5.88E-02	2.20E+00	0.00E+00	0.00E+00	8.29E+00	1.94E-05	3.12E-03	2.54E-02	0.00E+00	-8.17E-04	1.49E-09	2.51E-08	1.50E-01	3.91E+00	5.30E-09	0.00E+00	9.76E+00	1.12E-02	3.19E+01	0.00E+00	2.66E-07	1.10E-07	7.20E-03	6.97E-07	1.84E+00	0.00E+00	3.19E+01	1.16E-05	3.19E+01	3.39E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	2.91E+02
VF218TP	1.30E-02	2.59E+00	8.07E-02	2.77E+00	0.00E+00	0.00E+00	9.32E+00	2.33E-05	3.99E-03	2.74E-02	0.00E+00	-1.88E-03	1.93E-09	4.03E-08	1.62E-01	4.64E+00	5.30E-09	0.00E+00	1.13E+01	2.57E-02	3.50E+01	0.00E+00	2.86E-07	1.25E-07	7.92E-03	8.81E-07	2.17E+00	0.00E+00	3.50E+01	1.29E-05	3.50E+01	3.74E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+02
VF218TR	1.35E-02	2.73E+00	7.54E-02	3.20E+00	0.00E+00	0.00E+00	9.08E+00	2.13E-05	3.46E-03	3.00E-02	0.00E+00	-2.32E-03	1.74E-09	2.74E-08	1.62E-01	4.66E+00	5.30E-09	0.00E+00	1.11E+01	3.06E-02	3.51E+01	0.00E+00	2.87E-07	1.25E-07	8.23E-03	1.07E-06	2.13E+00	0.00E+00	3.51E+01	1.31E-05	3.51E+01	3.75E+01	2.13E+00	0.00E+00	0.00E+00	0.00E+00	3.40E+02
VF218TS	1.44E-02	2.99E+00	1.02E-01	3.25E+00	0.00E+00	0.00E+00	1.14E+01	2.29E-05	4.00E-03	3.17E-02	0.00E+00	-3.13E-03	1.94E-09	3.90E-08	1.77E-01	5.02E+00	1.24E-06	0.00E+00	1.13E+01	4.48E-02	3.70E+01	0.00E+00	3.02E-07	1.32E-07	8.45E-03	1.29E-06	2.20E+00	0.00E+00	3.70E+01	1.31E-05	3.70E+01	3.94E+01	2.20E+00	0.00E+00	0.00E+00	0.00E+00	3.65E+02
VF312ICT	1.82E-02	9.53E+00	5.68E-02	9.48E+00	0.00E+00	0.00E+00	5.17E+00	-1.12E-06	6.30E-03	7.54E-02	0.00E+00	1.26E-18	1.42E-09	1.57E-08	9.74E-02	3.88E+00	0.00E+00	0.00E+00	4.86E+00	6.07E-04	2.33E+01	0.00E+00	2.46E-07	1.25E-07	1.70E-02	4.32E-07	1.34E+00	0.00E+00	2.33E+01	2.74E-06	2.33E+01	2.47E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+02
VF312PA	1.19E-02	2.44E+00	6.33E-02	2.84E+00	0.00E+00	0.00E+00	8.83E+00	1.97E-05	3.22E-03	2.90E-02	0.00E+00	-3.18E-04	1.81E-09	2.30E-08	1.57E-01	4.25E+00	5.30E-09	0.00E+00	1.02E+01	2.59E-03	3.34E+01	0.00E+00	2.71E-07	1.12E-07	7.75E-03	3.49E-07	2.02E+00	0.00E+00	3.34E+01	1.00E-05	3.34E+01	3.51E+01	2.02E+00	0.00E+00	0.00E+00	0.00E+00	3.06E+02
VF312PD	1.07E-02	2.98E+00	5.23E-02	2.92E+00	0.00E+00	0.00E+00	8.20E+00	1.82E-05	2.67E-03	2.87E-02	0.00E+00	8.84E-19	1.84E-09	2.15E-08	1.46E-01	3.78E+00	0.00E+00	0.00E+00	9.62E+00	3.90E-04	3.03E+01	0.00E+00	2.54E-07	1.05E-07	7.61E-03	2.78E-07	1.87E+00	0.00E+00	3.03E+01	9.35E-06	3.03E+01	3.22E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+02
VF312PE	1.01E-02	2.18E+00	5.32E-02	2.13E+00	0.00E+00	0.00E+00	8.33E+00	2.04E-05	2.14E-03	2.37E-02	0.00E+00	8.79E-19	1.81E-09	2.01E-08	1.66E-01	3.95E+00	0.00E+00	0.00E+00	1.05E+01	3.89E-04	3.37E+01	0.00E+00	2.76E-07	1.09E-07	6.72E-03	2.77E-07	2.01E+00	0.00E+00	3.37E+01	1.10E-05	3.37E+01	3.57E+01	2.01E+00	0.00E+00	0.00E+00	0.00E+00	3.10E+02
VF312PEB	8.14E-03	1.79E+00	4.59E-02	1.74E+00	0.00E+00	0.00E+00	7.10E+00	1.59E-05	1.73E-03	1.97E-02	0.00E+00	7.61E-19	1.46E-09	1.64E-08	1.49E-01	3.32E+00	0.00E+00	0.00E+00	8.61E+00	3.42E-04	2.85E+01	0.00E+00	2.35E-07	8.85E-08	5.53E-03	2.44E-07	1.69E+00	0.00E+00	2.85E+01	8.57E-06	2.85E+01	3.02E+01	1.69E+00	0.00E+00	0.00E+00	0.00E+00	2.41E+02
VF312PEBH	4.56E-03	1.51E+00	2.16E-02	1.81E+00	0.00E+00	0.00E+00	3.08E+00	6.69E-06	1.12E-03	1.55E-02	0.00E+00	-1.57E-03	7.72E-10	8.25E-09	4.22E-02	1.31E+00	7.90E-07	0.00E+00	3.62E+00	1.21E-02	9.94E+00	0.00E+00	8.90E-08	3.91E-08	3.38E-03	1.87E-07	6.57E-01	0.00E+00	9.94E+00	2.23E-06	9.94E+00	1.09E+01	6.57E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
VF312PF	9.80E-03	2.18E+00	5.12E-02	2.28E+00	0.00E+00	0.00E+00	7.64E+00	1.63E-05	2.80E-03	2.41E-02	0.00E+00	-1.42E-03	1.66E-09	2.27E-08	1.38E-01	3.47E+00	9.93E-07	0.00E+00	8.83E+00	2.13E-02	2.71E+01	0.00E+00	2.28E-07	9.20E-08	6.13E-03	8.14E-07	1.70E+00	0.00E+00	2.71E+01	8.73E-06	2.71E+01	2.89E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+02
VF312PJ	1.05E-02	2.27E+00	5.32E-02	2.24E+00	0.00E+00	0.00E+00	7.95E+00	1.76E-05	3.09E-03	2.55E-02	0.00E+00	-3.28E-04	1.57E-09	2.29E-08	1.54E-01	3.61E+00	5.30E-09	0.00E+00	9.19E+00	2.91E-03	3.02E+01	0.00E+00	2.55E-07	1.03E-07	6.86E-03	3.70E-07	1.78E+00	0.00E+00	3.02E+01	9.28E-06	3.02E+01	3.22E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	2.65E+02
VF312PM	1.03E-02	2.27E+00	5.49E-02	2.20E+00	0.00E+00	0.00E+00	7.84E+00	1.69E-05	3.19E-03	2.53E-02	0.00E+00	-6.72E-04	1.56E-09	2.35E-08	1.48E-01	3.68E+00	5.30E-09	0.00E+00	9.01E+00	6.83E-03	2.78E+01	0.00E+00	2.48E-07	9.93E-08	6.86E-03	5.93E-07	1.75E+00	0.00E+00	2.78E+01	8.98E-06	2.78E+01	3.09E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+02
VF312PR	1.40E-02	2.85E+00	8.07E-02	3.35E+00	0.00E+00	0.00E+00	9.36E+00	2.18E-05	3.57E-03	3.19E-02	0.00E+00	-2.81E-03	1.87E-09	2.77E-08	1.58E-01	4.66E+00	3.44E-05	0.00E+00	1.09E+01	4.17E-02	3.56E+01	0.00E+00	3.00E-07	1.31E-07	8.69E-03	1.38E-06	2.12E+00	0.00E+00	3.56E+01	1.30E-05	3.56E+01	3.78E+01	2.12E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+02
VF312PS	1.39E-02	3.17E+00	9.15E-02	3.07E+00	0.00E+00	0.00E+00	9.86E+00	2.19E-05	4.62E-03	3.05E-02	0.00E+00	-3.80E-03	2.12E-09	4.28E-08	1.56E-01	4.41E+00	0.00E+00	0.00E+00	1.12E+01	5.05E-02	3.30E+01	0.00E+00	2.74E-07	1.17E-07	8.26E-03	1.51E-06	2.14E+00	0.00E+00	3.30E+01	9.74E-06	3.30E+01	3.51E+01	2.14E+00	0.00E+00	0.00E+00	0.00E+00	3.53E+02
VF312PT	3.29E-02	3.98E+00	1.29E-01	3.85E+00	0.00E+00	0.00E+00	1.89E+01	3.55E-05	1.80E-02	3.86E-02	0.00E+00	-2.25E-03	3.88E-09	1.97E-07	1.99E-01	7.71E+00	0.00E+00	0.00E+00	1.87E+01	3.02E-02	4.18E+01	0.00E+00	3.51E-07	1.62E-07	1.11E-02	1.10E-06	3.48E+00	0.00E+00	4.18E+01	8.99E-06	4.18E+01	4.53E+01	3.48E+00	0.00E+00	0.00E+00	0.00E+00	6.31E+02
VF312PY	1.29E-02	2.75E+00	7.37E-02	3.18E+00	0.00E+00	0.00E+00	9.16E+00	2.10E-05	3.78E-03	2.97E-02	0.00E+00	-1.08E-03	1.88E-09	3.20E-08	1.60E-01	4.39E+00	5.30E-09	0.00E+00	1.08E+01	1.57E-02	3.42E+01	0.00E+00	2.78E-07	1.16E-07	8.16E-03	7.26E-07	2.11E+00	0.00E+00	3.42E+01	1.01E-05	3.42E+01	3.61E+01	2.11E+00	0.00E+00	0.00E+00	0.00E+00	3.18E+02
VF312PZC	1.30E-02	2.76E+00	7.46E-02	3.18E+00	0.00E+00	0.00E+00	9.18E+00	2.17E-05	3.53E-03	2.93E-02	0.00E+00	-1.15E-03	1.79E-09	3.07E-08	1.58E-01	4.64E+00	5.30E-09	0.00E+00	1.10E+01	1.74E-02	3.50E+01	0.00E+00	2.78E-07	1.20E-07	8.16E-03	7.24E-07	2.14E+00	0.00E+00	3.50E+01	1.02E-05	3.50E+01	3.75E+01	2.14E+00	0.00E+00	0.00E+00	0.00E+00	3.26E+02
VF312PZG	9.06E-03	1.95E+00	4.90E-02	1.93E+00	0.00E+00	0.00E+00	6.20E+00	1.38E-05	2.72E-03	2.11E-02	0.00E+00	-1.03E-03	1.37E-09	2.74E-08	1.06E-01	2.95E+00	5.30E-09	0.00E+00	7.45E+00	1.44E-02	2.22E+01	0.00E+00	1.85E-07	7.92E-08	5.64E-03	6.68E-07	1.46E+00	0.00E+00	2.22E+01	6.32E-06	2.22E+01	2.35E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+02
VF312TA	1.31E-02	2.73E+00	6.43E-02	2.99E+00	0.00E+00	0.00E+00	8.87E+00	2.20E-05	3.30E-03	3.03E-02	0.00E+00	-3.30E-04	1.74E-09	2.41E-08	1.52E-01	4.57E+00	5.30E-09	0.00E+00	1.05E+01	4.31E-03	3.47E+01	0.00E+00	2.86E-07	1.24E-07	8.43E-03	3.72E-07	2.07E+00	0.00E+00	3.47E+01	1.28E-05	3.47E+01	3.72E+01	2.07E+00	0.00E+00	0.00E+00	0.00E+00	3.28E+02
VF312TD	1.18E-02	2.57E+00	6.18E-02	2.89E+00	0.00E+00	0.00E+00	8.38E+00	2.12E-05	3.12E-03	2.99E-02	0.00E+00	-3.30E-04	1.63E-09	2.29E-08	1.49E-01	4.40E+00	5.30E-09	0.00E+00	1.02E+01	4.14E-03	3.39E+01	0.00E+00	2.82E-07	1.23E-07	7.94E-03	3.78E-07	1.99E+00	0.00E+00	3.39E+01	1.28E-05	3.39E+01	3.65E+01	1.99E+00	0.00E+00	0.00E+00	0.00E+00	3.18E+02
VF312TE	1.12E-02	2.65E+00	5.60E-02	2.38E+00	0.00E+00	0.00E+00	8.30E+00	2.18E-05	3.07E-03	2.89E-02	0.00E+00	-1.15E-04	1.74E-09	2.27E-08	1.48E-01	3.98E+00	5.30E-09	0.00E+00	1.03E+01	1.85E-03	3.20E+01	0.00E+00	2.73E-07	1.18E-07	7.66E-03	3.48E-07	1.95E+00	0.00E+00	3.20E+01	1.28E-05	3.20E+01	3.45E+01	1.95E+00	0.00E+00	0.00E+00	0.00E+00	3.22E+02
VF312TF	1.09E-02	2.46E+00	5.24E-02	2.19E+00	0.00E+00	0.00E+00	7.95E+00	1.86E-05	3.13E-03	2.62E-02	0.00E+00	-3.27E-04	1.43E-09	2.19E-08	1.34E-01	3.53E+00	5.30E-09	0.00E+00	9.05E+00	4.32E-03	2.80E+01	0.00E+00	2.30E-07	1.00E-07	7.04E-03	3.82E-07	1.71E+00	0.00E+00	2.80E+01	1.13E-05	2.80E+01	2.94E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	2.76E+02
VF312TJ	1.12E-02	2.49E+00	6.00E-02	2.83E+00	0.00E+00	0.00E+00	8.17E+00	1.98E-05	3.04E-03	2.97E-02	0.00E+00	-3.58E-04	1.48E-09	2.34E-08	1.51E-01	3.79E+00	5.30E-09	0.00E+00	9.47E+00	4.44E-03	3.13E+01	0.00E+00	2.67E-07	1.13E-07	7.81E-03	3.92E-07	1.79E+00	0.00E+00	3.13E+01	1.15E-05	3.13E+01	3.38E+01	1.79E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+02
VF312TM	1.08E-02	2.43E+00	5.48E-02	2.20E+00	0.00E+00	0.00E+00	8.07E+00	1.95E-05	3.11E-03	2.66E-02	0.00E+00	-6.96E-04	1.48E-09	2.21E-08	1.51E-01	3.77E+00	5.30E-09	0.00E+00	9.42E+00	9.47E-03	3.15E+01	0.00E+00	2.67E-07	1.10E-07	7.32E-03	6.27E-07	1.79E+00	0.00E+00	3.15E+01	1.16E-05	3.15E+01	3.37E+01	1.79E+00	0.00E+00	0.00E+00	0.00E+00	2.83E+02
VF312TP	1.32E-02	2.74E+00	8.18E-02	3.14E+00	0.00E+00	0.00E+00	9.43E+00	2.38E-05	3.88E-03	2.95E-02	0.00E+00	-1.83E-03	1.86E-09	3.87E-08	1.62E-01	4.70E+00	5.30E-09	0.00E+00	1.13E+01	2.55E-02	3.56E+01	0.00E+00	2.99E-07	1.29E-07	8.38E-03	8.67E-07	2.19E+00	0.00E+00	3.56E+01	1.30E-05	3.56E+01	3.78E+01	2.19E+00	0.00E+00	0.00E+00	0.00E+00	3.52E+02
VF312TR	1.37E-02	2.83E+00	8.22E-02	3.35E+00	0.00E+00	0.00E+00	9.68E+00	2.38E-05	3.66E-03	3.17E-02	0.00E+00	-2.62E-03	1.89E-09	3.11E-08	1.60E-01	4.69E+00	3.89E-05	0.00E+00	1.18E+01	3.50E-02	3.54E+01	0.00E+00	3.00E-07	1.30E-07	8.67E-03	1.26E-06	2.27E+00	0.00E+00	3.54E+01	1.30E-05	3.54E+01	3.81E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	3.63E+02
VF312TS	1.29E-02	2.40E+00	8.31E-02	2.70E+00	0.00E+00	0.00E+00	9.16E+00	2.24E-05	3.83E-03	2.89E-02	0.00E+00	-2.87E-03	1.73E-09	3.83E-08	1.58E-01	4.60E+00	3.38E-05	0.00E+00	1.06E+01	3.54E-02	3.44E+01	0.00E+00	2.88E-07	1.26E-07	8.04E-03	1.12E-06	2.07E+00	0.00E+00	3.44E+01	1.29E-05	3.44E+01	3.69E+01	2.07E+00	0.00E+00	0.00E+00	0.00E+00	3.39E+02
VF312TY	1.31E-02	2.91E+00	7.63E-02	3.34E+00	0.00E+00	0.00E+00	9.64E+00	2.35E-05	3.58E-03	3.14E-02	0.00E+00	-1.32E-03	1.83E-09	3.18E-08	1.59E-01	4.75E+00	5.30E-09	0.00E+00	1.12E+01	1.90E-02	3.56E+01	0.00E+00	3.01E-07	1.30E-07	8.69E-03	7.36E-07	2.22E+00	0.00E+00	3.56E+01	1.29E-05	3.56E+01	3.78E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	3.48E+02
VF318PD	1.43E-02	4.00E+00	7.08E-02	3.93E+00	0.00E+00	0.00E+00	1.14E+01	2.42E-05	3.66E-03	3.84E-02	0.00E+00	1.18E-18	2.42E-09	3.05E-08	1.95E-01	5.05E+00	0.00E+00	0.00E+00	1.27E+01	5.25E-04	4.00E+01	0.00E+00	3.36E-07	1.38E-07	1.01E-02	3.74E-07	2.49E+00	0.00E+00	4.00E+01	1.19E-05	4.00E+01	4.25E+01	2.49E+00	0.00E+00	0.00E+00	0.00E+00	3.86E+02
VF318PEH	1.46E-02	3.04E+00	1.12E-01	3.60E+00	0.00E+00	0.00E+00	1.21E+01	2.76E-05	4.82E-03	3.18E-02	0.00E+00	-4.73E-03	2.50E-09	4.96E-08	1.95E-01	5.12E+00	1.83E-06	0.00E+00	1.38E+01	6.50E-02	3.85E+01	0.00E+00	3.18E-07	1.27E-07	8.61E-03	1.82E-06	2.54E+00	0.00E+00	3.85E+01	1.01E-05	3.85E+01	4.12E+01	2.54E+00	0.00E+00	0.00E+00	0.00E+00	4.23E+02
VF318PES	1.69E-02	3.10E+00	1.20E-01	2.98E+00	0.00E+00	0.00E+00	1.33E+01	3.15E-05	5.05E-03	3.34E-02	0.00E+00	-4.79E-03	2.70E-09	5.17E-08	2.35E-01	5.99E+00	0.00E+00	0.00E+00	1.57E+01	6.37E-02	4.79E+01	0.00E+00	3.90E-07	1.57E-07	9.62E-03	1.92E-06	2.99E+00	0.00E+00	4.79E+01	1.47E-05	4.79E+01	5.09E+01	2.99E+00	0.00E+00	0.00E+00	0.00E+00	4.74E+02
VF318PF	1.16E-02	2.81E+00	6.99E-02	3.21E+00	0.00E+00	0.00E+00	1.06E+01	2.31E-05	3.66E-03	3.01E-02	0.00E+00	-9.20E-04	2.37E-09	4.12E-08	1.63E-01	4.16E+00	4.61E-09	0.00E+00	1.18E+01	9.71E-03	3.09E+01	0.00E+00	2.61E-07	1.03E-07	8.17E-03	5.45E-07	2.17E+00	0.00E+00	3.09E+01	8.43E-06	3.09E+01	3.44E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	3.44E+02
VF318PJ	1.24E-02	3.09E+00	7.89E-02	3.29E+00	0.00E+00	0.00E+00	1.15E+01	2.17E-05	3.80E-03	3.21E-02	0.00E+00	-1.58E-03	2.36E-09	4.02E-08	1.72E-01	4.54E+00	9.93E-07	0.00E+00	1.15E+01	2.37E-02	3.14E+01	0.00E+00	2.78E-07	1.09E-07	8.38E-03	8.81E-07	2.17E+00	0.00E+00	3.14E+01	8.83E-06	3.14E+01	3.32E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	3.43E+02
VF318PM	1.30E-02	3.68E+00	8.81E-02	3.41E+00	0.00E+00	0.00E+00	1.18E+01	2.55E-05	4.71E-03	3.36E-02	0.00E+00	-2.01E-03	2.55E-09	4.47E-08	1.79E-01	4.95E+00	1.10E-05	0.00E+00	1.30E+01	2.69E-02	3.41E+01	0.00E+00	2.97E-07	1.26E-07	9.49E-03	1.17E-06	2.44E+00	0.00E+00	3.41E+01	1.13E-05	3.41E+01	3.67E+01	2.44E+00	0.00E+00	0.00E+00	0.00E+00	3.89E+02
VF318PP	2.04E-02	3.27E+00	1.14E-01	3.16E+00	0.00E+00	0.00E+00	1.54E+01	3.55E-05	7.34E-03	3.53E-02	0.00E+00	-2.75E-03	3.07E-09	7.70E-08	2.47E-01	6.70E+00	0.00E+00	0.00E+00	1.74E+01	3.69E-02	5.06E+01	0.00E+00	4.11E-07	1.69E-07	1.03E-02	1.29E-06	3.30E+00	0.00E+00	5.06E+01	1.55E-05	5.06E+01	5.39E+01	3.30E+00	0.00E+00	0.00E+00	0.00E+00	5.40E+02
VF318PS	1.79E-02	4.22E+00	1.24E-01	4.10E+00	0.00E+00	0.00E+00	1.32E+01	2.87E-05	5.89E-03	4.04E-02	0.00E+00	-5.34E-03	2.74E-09	5.46E-08	2.07E-01	5.78E+00	0.00E+00	0.00E+00	1.46E+01	7.09E-02	4.34E+01	0.00E+00	3.61E-07	1.52E-07	1.09E-02	2.10E-06	2.80E+00	0.00E+00	4.34E+01	1.24E-05	4.34E+01	4.62E+01	2.80E+00	0.00E+00	0.00E+00	0.00E+00	4.56E+02
VF318PT	4.65E-02	5.26E+00	1.80E-01	5.08E+00	0.00E+00	0.00E+00	2.56E+01	4.74E-05	2.61E-02	5.12E-02	0.00E+00	-3.40E-03	5.15E-09	2.86E-07	2.67E-01	1.06E+01	0.00E+00	0.00E+00	2.53E+01	4.55E-02	5.58E+01	0.00E+00	4.70E-07	2.18E-07	1.50E-02	1.59E-06	4.72E+00	0.00E+00	5.58E+01	1.15E-05	5.58E+01	6.05E+01	4.72E+00	0.00E+00	0.00E+00	0.00E+00	8.52E+02
VF318PY	1.55E-02	3.92E+00	8.40E-02	3.87E+00	0.00E+00	0.00E+00	1.19E+01	2.66E-05	4.65E-03	3.61E-02	0.00E+00	-2.06E-03	2.49E-09	4.48E-08	1.95E-01	5.23E+00	1.83E-06	0.00E+00	1.32E+01	2.61E-02	3.98E+01	0.00E+00	3.35E-07	1.45E-07	1.02E-02	1.10E-06	2.53E+00	0.00E+00	3.98E+01	1.34E-05	3.98E+01	4.29E+01	2.53E+00	0.00E+00	0.00E+00	0.00E+00	4.04E+02
VF318PZC	1.57E-02	4.06E+00	8.44E-02	3.86E+00	0.00E+00	0.00E+00	1.19E+01	2.60E-05	4.22E-03	3.73E-02	0.00E+00	-1.89E-03	2.12E-09	3.79E-08	1.94E-01	5.62E+00	1.83E-06	0.00E+00	1.30E+01	2.61E-02	4.04E+01	0.00E+00	3.33E-07	1.49E-07	1.04E-02	1.04E-06	2.55E+00	0.00E+00	4.04E+01	1.36E-05	4.04E+01	4.38E+01	2.55E+00	0.00E+00	0.00E+00	0.00E+00	4.05E+02
VF318TA	1.55E-02	3.87E+00	7.64E-02	3.85E+00	0.00E+00	0.00E+00	1.22E+01	3.13E-05	3.88E-03	3.74E-02	0.00E+00	-3.63E-04	2.22E-09	3.34E-08	1.92E-01	5.44E+00	4.61E-09	0.00E+00	1.40E+01	4.63E-03	4.31E+01	0.00E+00	3.64E-07	1.56E-07	9.99E-03	4.58E-07	2.62E+00	0.00E+00	4.31E+01	1.46E-05	4.31E+01	4.57E+01	2.62E+00	0.00E+00	0.00E+00	0.00E+00	4.53E+02
VF318TD	1.71E-02	4.41E+00	7.53E-02	4.33E+00	0.00E+00	0.00E+00	1.28E+01	3.35E-05	4.05E-03	4.27E-02	0.00E+00	1.21E-18	2.52E-09	3.38E-08	1.93E-01	5.79E+00	0.00E+00	0.00E+00	1.47E+01	5.38E-04	4.61E+01	0.00E+00	3.79E-07	1.69E-07	1.17E-02	3.84E-07	2.79E+00	0.00E+00	4.61E+01	1.69E-05	4.61E+01	4.89E+01	2.79E+00	0.00E+00	0.00E+00	0.00E+00	4.87E+02
VF318TES	1.60E-02	3.87E+00	1.09E-01	3.78E+00	0.00E+00	0.00E+00	1.23E+01	3.16E-05	4.61E-03	3.74E-02	0.00E+00	-3.51E-03	2.25E-09	4.43E-08	1.94E-01	5.50E+00	4.61E-09	0.00E+00	1.44E+01	4.75E-02	4.32E+01	0.00E+00	3.65E-07	1.57E-07	1.00E-02	1.48E-06	2.65E+00	0.00E+00	4.32E+01	1.51E-05	4.32E+01	4.58E+01	2.65E+00	0.00E+00	0.00E+00	0.00E+00	4.61E+02
VF318TM	1.63E-02	3.86E+00	8.71E-02	3.83E+00	0.00E+00	0.00E+00	1.21E+01	3.08E-05	4.43E-03	3.96E-02	0.00E+00	-1.93E-03	2.31E-09	4.00E-08	1.92E-01	5.44E+00	1.10E-05	0.00E+00	1.38E+01	2.85E-02	4.22E+01	0.00E+00	3.60E-07	1.57E-07	1.11E-02	1.14E-06	2.60E+00	0.00E+00	4.22E+01	1.47E-05	4.22E+01	4.53E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	4.46E+02
VF318TP	1.52E-02	3.72E+00	9.74E-02	3.77E+00	0.00E+00	0.00E+00	1.22E+01	3.14E-05	4.42E-03	3.58E-02	0.00E+00	-2.11E-03	2.25E-09	4.28E-08	1.92E-01	5.36E+00	4.61E-09	0.00E+00	1.40E+01	3.11E-02	4.27E+01	0.00E+00	3.61E-07	1.50E-07	9.58E-03	1.03E-06	2.60E+00	0.00E+00	4.27E+01	1.46E-05	4.27E+01	4.54E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	4.52E+02
VF318TR	1.77E-02	3.77E+00	8.16E-01	3.73E+00	0.00E+00	0.00E+00	1.34E+01	3.34E-05	4.88E-03	3.81E-02	0.00E+00	-2.01E-01	2.36E-09	3.93E-08	2.27E-01	6.19E+00	1.10E-05	0.00E+00	1.55E+01	2.76E+00	4.66E+01	0.00E+00	3.60E-07	1.53E-07	1.08E-02	7.05E-05	2.76E+00	0.00E+00	4.66E+01	4.24E-07	4.66E+01	5.15E+01	2.76E+00	0.00E+00	0.00E+00	0.00E+00	4.98E+02
VF412PA	1.61E-02	3.96E+00	8.03E-02	3.87E+00	0.00E+00	0.00E+00	1.17E+01	2.55E-05	4.09E-03	3.82E-02	0.00E+00	-7.89E-04	2.46E-09	4.24E-08	1.78E-01	5.01E+00	4.61E-09	0.00E+00	1.30E+01	7.59E-03	3.81E+01	0.00E+00	3.18E-07	1.36E-07	1.02E-02	4.91E-07	2.36E+00	0.00E+00	3.81E+01	1.22E-05	3.81E+01	4.03E+01	2.36E+00	0.00E+00	0.00E+00	0.00E+00	4.00E+02
VF412PD	1.44E-02	4.03E+00	6.94E-02	3.96E+00	0.00E+00	0.00E+00	1.09E+01	2.40E-05	3.58E-03	3.87E-02	0.00E+00	1.17E-18	2.41E-09	2.84E-08	1.92E-01	5.02E+00	0.00E+00	0.00E+00	1.27E+01	5.20E-04	4.02E+01	0.00E+00	3.37E-07	1.40E-07	1.02E-02	3.70E-07	2.47E+00	0.00E+00	4.02E+01	1.24E-05	4.02E+01	4.26E+01	2.47E+00	0.00E+00	0.00E+00	0.00E+00	3.89E+02
VF412PE	1.34E-02	2.88E+00	7.06E-02	2.81E+00	0.00E+00	0.00E+00	1.10E+01	2.71E-05	2.82E-03	3.14E-02	0.00E+00	1.16E-18	2.38E-09	2.64E-08	2.22E-01	5.26E+00	0.00E+00	0.00E+00	1.39E+01	5.17E-04	4.49E+01	0.00E+00	3.67E-07	1.45E-07	8.93E-03	3.68E-07	2.67E+00	0.00E+00	4.49E+01	1.47E-05	4.49E+01	4.76E+01	2.67E+00	0.00E+00	0.00E+00	0.00E+00	4.10E+02
VF412PEB	6.34E-03	2.54E+00	2.81E-02	2.21E+00	0.00E+00	0.00E+00	3.47E+00	5.27E-06	1.65E-03	1.78E-02	0.00E+00	-1.41E-03	1.02E-09	1.03E-08	6.26E-02	1.89E+00	7.90E-07	0.00E+00	3.87E+00	4.36E-03	1.46E+01	0.00E+00	1.26E-07	5.33E-08	4.69E-03	2.24E-07	8.36E-01	0.00E+00	1.46E+01	2.93E-06	1.46E+01	1.51E+01	8.36E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
VF412PEBH	6.39E-03	2.57E+00	3.02E-02	2.27E+00	0.00E+00	0.00E+00	3.93E+00	5.91E-06	2.19E-03	1.82E-02	0.00E+00	-1.77E-03	1.09E-09	1.31E-08	6.42E-02	1.93E+00	7.90E-07	0.00E+00	3.96E+00	1.44E-02	1.45E+01	0.00E+00	1.28E-07	5.44E-08	4.71E-03	2.45E-07	8.63E-01	0.00E+00	1.45E+01	2.59E-06	1.45E+01	1.55E+01	8.63E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
VF412PEH	1.60E-02	4.00E+00	8.65E-02	3.88E+00	0.00E+00	0.00E+00	1.17E+01	2.54E-05	4.64E-03	3.88E-02	0.00E+00	-1.57E-03	2.46E-09	4.42E-08	1.73E-01	4.78E+00	1.83E-06	0.00E+00	1.30E+01	2.27E-02	3.62E+01	0.00E+00	3.14E-07	1.34E-07	1.02E-02	1.07E-06	2.37E+00	0.00E+00	3.62E+01	1.20E-05	3.62E+01	3.93E+01	2.37E+00	0.00E+00	0.00E+00	0.00E+00	3.99E+02
VF412PF	1.25E-02	3.61E+00	8.12E-02	3.69E+00	0.00E+00	0.00E+00	1.11E+01	2.21E-05	3.72E-03	3.51E-02	0.00E+00	-6.73E-04	2.29E-09	4.05E-08	1.53E-01	4.47E+00	5.04E-09	0.00E+00	1.15E+01	5.32E-03	3.04E+01	0.00E+00	2.68E-07	1.07E-07	8.91E-03	4.53E-07	2.17E+00	0.00E+00	3.04E+01	8.14E-06	3.04E+01	3.23E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	3.48E+02
VF412PJ	1.62E-02	3.84E+00	8.16E-02	3.69E+00	0.00E+00	0.00E+00	1.17E+01	2.56E-05	4.17E-03	3.66E-02	0.00E+00	-7.43E-04	2.54E-09	4.18E-08	1.78E-01	5.10E+00	2.19E-05	0.00E+00	1.28E+01	9.51E-03	3.87E+01	0.00E+00	3.27E-07	1.40E-07	9.94E-03	6.27E-07	2.37E+00	0.00E+00	3.87E+01	1.23E-05	3.87E+01	4.13E+01	2.37E+00	0.00E+00	0.00E+00	0.00E+00	3.88E+02
VF412PM	1.36E-02	4.04E+00	8.74E-02	3.78E+00	0.00E+00	0.00E+00	1.14E+01	2.13E-05	4.45E-03	3.56E-02	0.00E+00	-1.82E-03	2.34E-09	4.27E-08	1.61E-01	4.79E+00	5.30E-09	0.00E+00	1.16E+01	2.11E-02	3.30E+01	0.00E+00	2.89E-07	1.28E-07	9.79E-03	1.02E-06	2.21E+00	0.00E+00	3.30E+01	1.15E-05	3.30E+01	3.49E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	3.56E+02
VF412PP	2.14E-02	3.37E+00	1.17E-01	3.25E+00	0.00E+00	0.00E+00	1.55E+01	3.66E-05	7.74E-03	3.64E-02	0.00E+00	-2.94E-03	3.15E-09	8.04E-08	2.49E-01	6.89E+00	0.00E+00	0.00E+00	1.79E+01	3.93E-02	5.19E+01	0.00E+00	4.22E-07	1.75E-07	1.07E-02	1.36E-06	3.38E+00	0.00E+00	5.19E+01	1.63E-05	5.19E+01	5.53E+01	3.38E+00	0.00E+00	0.00E+00	0.00E+00	5.61E+02
VF412PR	1.98E-02	3.79E+00	9.94E-02	3.70E+00	0.00E+00	0.00E+00	1.38E+01	3.28E-05	5.03E-03	4.02E-02	0.00E+00	-3.04E-03	2.65E-09	3.76E-08	2.36E-01	6.82E+00	1.69E-04	0.00E+00	1.63E+01	4.38E-02	4.95E+01	0.00E+00	4.13E-07	1.76E-07	1.12E-02	1.66E-06	3.16E+00	0.00E+00	4.95E+01	1.59E-05	4.95E+01	5.39E+01	3.16E+00	0.00E+00	0.00E+00	0.00E+00	5.19E+02
VF412PS	1.81E-02	4.27E+00	1.20E-01	4.15E+00	0.00E+00	0.00E+00	1.29E+01	2.85E-05	5.92E-03	4.08E-02	0.00E+00	-4.94E-03	2.76E-09	5.39E-08	2.04E-01	5.77E+00	0.00E+00	0.00E+00	1.46E+01	6.57E-02	4.33E+01	0.00E+00	3.60E-07	1.54E-07	1.10E-02	1.97E-06	2.79E+00	0.00E+00	4.33E+01	1.27E-05	4.33E+01	4.61E+01	2.79E+00	0.00E+00	0.00E+00	0.00E+00	4.58E+02
VF412PT	3.80E-02	4.88E+00	1.47E-01	4.74E+00	0.00E+00	0.00E+00	2.13E+01	3.99E-05	2.04E-02	4.73E-02	0.00E+00	-2.25E-03	4.44E-09	2.22E-07	2.41E-01	9.00E+00	0.00E+00	0.00E+00	2.16E+01	3.03E-02	5.03E+01	0.00E+00	4.25E-07	1.93E-07	1.35E-02	1.18E-06	4.06E+00	0.00E+00	5.03E+01	1.11E-05	5.03E+01	5.44E+01	4.06E+00	0.00E+00	0.00E+00	0.00E+00	7.21E+02
VF412PY	1.91E-02	3.91E+00	9.71E-02	3.78E+00	0.00E+00	0.00E+00	1.36E+01	3.18E-05	5.90E-03	3.76E-02	0.00E+00	-1.98E-03	2.69E-09	5.70E-08	2.29E-01	6.43E+00	1.83E-06	0.00E+00	1.61E+01	2.42E-02	4.95E+01	0.00E+00	3.97E-07	1.69E-07	1.07E-02	1.12E-06	3.05E+00	0.00E+00	4.95E+01	1.38E-05	4.95E+01	5.23E+01	3.05E+00	0.00E+00	0.00E+00	0.00E+00	4.89E+02
VF412PZC	1.87E-02	3.95E+00	9.45E-02	3.75E+00	0.00E+00	0.00E+00	1.28E+01	2.90E-05	4.61E-03	3.80E-02	0.00E+00	-1.86E-03	2.27E-09	3.50E-08	2.27E-01	6.47E+00	1.83E-06	0.00E+00	1.52E+01	2.55E-02	4.92E+01	0.00E+00	3.93E-07	1.72E-07	1.09E-02	1.07E-06	2.99E+00	0.00E+00	4.92E+01	1.38E-05	4.92E+01	5.21E+01	2.99E+00	0.00E+00	0.00E+00	0.00E+00	4.65E+02
VF412TA	1.70E-02	4.11E+00	7.84E-02	3.94E+00	0.00E+00	0.00E+00	1.19E+01	3.03E-05	3.88E-03	3.97E-02	0.00E+00	-3.22E-04	2.16E-09	3.10E-08	1.76E-01	5.51E+00	4.61E-09	0.00E+00	1.40E+01	4.13E-03	4.34E+01	0.00E+00	3.70E-07	1.62E-07	1.10E-02	3.85E-07	2.58E+00	0.00E+00	4.34E+01	1.53E-05	4.34E+01	4.58E+01	2.58E+00	0.00E+00	0.00E+00	0.00E+00	4.57E+02
VF412TD	1.71E-02	4.12E+00	7.65E-02	3.97E+00	0.00E+00	0.00E+00	1.20E+01	3.03E-05	3.88E-03	3.97E-02	0.00E+00	-3.37E-04	2.29E-09	3.12E-08	1.77E-01	5.53E+00	4.61E-09	0.00E+00	1.40E+01	4.49E-03	4.37E+01	0.00E+00	3.70E-07	1.63E-07	1.11E-02	4.29E-07	2.59E+00	0.00E+00	4.37E+01	1.55E-05	4.37E+01	4.60E+01	2.59E+00	0.00E+00	0.00E+00	0.00E+00	4.60E+02
VF412TE	1.67E-02	4.11E+00	7.69E-02	3.93E+00	0.00E+00	0.00E+00	1.19E+01	3.00E-05	3.77E-03	3.97E-02	0.00E+00	-1.88E-04	2.23E-09	2.81E-08	1.69E-01	5.21E+00	4.61E-09	0.00E+00	1.40E+01	3.15E-03	4.17E+01	0.00E+00	3.63E-07	1.58E-07	1.09E-02	3.91E-07	2.58E+00	0.00E+00	4.17E+01	1.50E-05	4.17E+01	4.52E+01	2.58E+00	0.00E+00	0.00E+00	0.00E+00	4.51E+02
VF412TF	1.54E-02	3.64E+00	7.83E-02	3.84E+00	0.00E+00	0.00E+00	1.13E+01	2.68E-05	3.73E-03	3.80E-02	0.00E+00	-3.36E-04	2.01E-09	2.90E-08	1.68E-01	4.87E+00	5.30E-09	0.00E+00	1.19E+01	3.00E-03	3.79E+01	0.00E+00	3.18E-07	1.33E-07	9.62E-03	3.71E-07	2.28E+00	0.00E+00	3.79E+01	1.32E-05	3.79E+01	4.00E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	3.86E+02
VF412TJ	1.71E-02	4.03E+00	7.94E-02	3.84E+00	0.00E+00	0.00E+00	1.16E+01	2.84E-05	3.95E-03	3.94E-02	0.00E+00	-4.14E-04	2.19E-09	3.09E-08	1.77E-01	5.30E+00	4.61E-09	0.00E+00	1.30E+01	6.70E-03	4.08E+01	0.00E+00	3.45E-07	1.53E-07	1.10E-02	4.71E-07	2.43E+00	0.00E+00	4.08E+01	1.42E-05	4.08E+01	4.30E+01	2.43E+00	0.00E+00	0.00E+00	0.00E+00	4.24E+02
VF412TM	1.77E-02	4.10E+00	8.70E-02	3.89E+00	0.00E+00	0.00E+00	1.16E+01	2.64E-05	4.24E-03	3.92E-02	0.00E+00	-1.75E-03	1.99E-09	3.49E-08	1.76E-01	5.27E+00	5.30E-09	0.00E+00	1.24E+01	2.33E-02	4.05E+01	0.00E+00	3.41E-07	1.55E-07	1.10E-02	1.01E-06	2.33E+00	0.00E+00	4.05E+01	1.41E-05	4.05E+01	4.24E+01	2.33E+00	0.00E+00	0.00E+00	0.00E+00	4.03E+02
VF412TP	1.90E-02	4.01E+00	1.07E-01	3.78E+00	0.00E+00	0.00E+00	1.36E+01	3.26E-05	4.79E-03	3.87E-02	0.00E+00	-2.14E-03	2.54E-09	4.27E-08	2.28E-01	6.50E+00	4.61E-09	0.00E+00	1.60E+01	3.01E-02	5.03E+01	0.00E+00	4.12E-07	1.78E-07	1.11E-02	1.01E-06	3.08E+00	0.00E+00	5.03E+01	1.57E-05	5.03E+01	5.29E+01	3.08E+00	0.00E+00	0.00E+00	0.00E+00	5.05E+02
VF412TR	1.97E-02	3.91E+00	9.88E-02	3.77E+00	0.00E+00	0.00E+00	1.39E+01	3.27E-05	4.95E-03	4.01E-02	0.00E+00	-3.14E-03	2.66E-09	3.75E-08	2.29E-01	6.72E+00	1.65E-04	0.00E+00	1.62E+01	4.38E-02	4.94E+01	0.00E+00	4.10E-07	1.75E-07	1.12E-02	1.59E-06	3.16E+00	0.00E+00	4.94E+01	1.59E-05	4.94E+01	5.31E+01	3.16E+00	0.00E+00	0.00E+00	0.00E+00	5.11E+02
VF412TS	1.89E-02	4.14E+00	1.09E-01	3.90E+00	0.00E+00	0.00E+00	1.31E+01	3.00E-05	4.50E-03	3.99E-02	0.00E+00	-3.24E-03	2.52E-09	4.11E-08	2.14E-01	6.18E+00	1.58E-04	0.00E+00	1.49E+01	4.43E-02	4.79E+01	0.00E+00	4.02E-07	1.74E-07	1.11E-02	1.54E-06	2.88E+00	0.00E+00	4.79E+01	1.55E-05	4.79E+01	5.17E+01	2.88E+00	0.00E+00	0.00E+00	0.00E+00	4.78E+02
VF418PA	2.16E-02	4.20E+00	1.34E-01	4.04E+00	0.00E+00	0.00E+00	1.72E+01	3.71E-05	6.56E-03	4.77E-02	0.00E+00	-1.67E-03	3.34E-09	8.19E-08	2.83E-01	7.62E+00	5.30E-09	0.00E+00	1.90E+01	1.64E-02	5.85E+01	0.00E+00	4.80E-07	1.99E-07	1.27E-02	9.35E-07	3.69E+00	0.00E+00	5.85E+01	1.71E-05	5.85E+01	6.22E+01	3.69E+00	0.00E+00	0.00E+00	0.00E+00	5.83E+02
VF418PD	1.81E-02	5.06E+00	8.97E-02	4.97E+00	0.00E+00	0.00E+00	1.46E+01	3.12E-05	4.58E-03	4.85E-02	0.00E+00	1.49E-18	3.09E-09	3.84E-08	2.46E-01	6.39E+00	0.00E+00	0.00E+00	1.62E+01	6.62E-04	5.07E+01	0.00E+00	4.25E-07	1.75E-07	1.28E-02	4.72E-07	3.16E+00	0.00E+00	5.07E+01	1.52E-05	5.07E+01	5.38E+01	3.16E+00	0.00E+00	0.00E+00	0.00E+00	4.94E+02

VF418PEH	2.19E-02	4.54E+00	1.52E-01	4.36E+00	0.00E+00	0.00E+00	1.71E+01	3.82E-05	6.95E-03	4.79E-02	0.00E+00	-5.35E-03	3.57E-09	6.85E-08	2.85E-01	7.44E+00	1.00E-05	0.00E+00	1.91E+01	7.90E-02	5.72E+01	0.00E+00	4.67E-07	1.97E-07	1.32E-02	2.38E-06	3.70E+00	0.00E+00	5.72E+01	1.70E-05	5.72E+01	6.14E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	5.83E+02
VF418PES	2.07E-02	3.88E+00	1.51E-01	3.73E+00	0.00E+00	0.00E+00	1.68E+01	3.97E-05	5.96E-03	4.17E-02	0.00E+00	-6.14E-03	3.39E-09	6.13E-08	2.95E-01	7.45E+00	0.00E+00	0.00E+00	1.96E+01	8.16E-02	6.00E+01	0.00E+00	4.89E-07	1.96E-07	1.20E-02	2.45E-06	3.74E+00	0.00E+00	6.00E+01	1.85E-05	6.00E+01	6.37E+01	3.74E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+02
VF418PF	1.51E-02	3.64E+00	1.05E-01	3.55E+00	0.00E+00	0.00E+00	1.53E+01	3.36E-05	6.12E-03	3.50E-02	0.00E+00	-1.70E-03	3.01E-09	7.86E-08	2.26E-01	6.62E+00	4.61E-09	0.00E+00	1.65E+01	1.50E-02	4.46E+01	0.00E+00	3.62E-07	1.49E-07	1.00E-02	8.94E-07	3.20E+00	0.00E+00	4.46E+01	1.37E-05	4.46E+01	4.82E+01	3.20E+00	0.00E+00	0.00E+00	0.00E+00	5.22E+02
VF418PJ	1.51E-02	3.66E+00	1.05E-01	3.53E+00	0.00E+00	0.00E+00	1.52E+01	3.29E-05	6.06E-03	3.48E-02	0.00E+00	-1.56E-03	2.93E-09	7.86E-08	2.24E-01	6.68E+00	5.04E-09	0.00E+00	1.62E+01	1.29E-02	4.47E+01	0.00E+00	3.61E-07	1.49E-07	1.01E-02	8.90E-07	3.21E+00	0.00E+00	4.47E+01	1.36E-05	4.47E+01	4.86E+01	3.21E+00	0.00E+00	0.00E+00	0.00E+00	5.11E+02
VF418PM	1.70E-02	4.35E+00	1.34E-01	3.93E+00	0.00E+00	0.00E+00	1.65E+01	3.34E-05	6.65E-03	4.25E-02	0.00E+00	-2.32E-03	3.20E-09	8.25E-08	2.30E-01	7.11E+00	5.30E-09	0.00E+00	1.72E+01	2.72E-02	4.85E+01	0.00E+00	4.03E-07	1.75E-07	1.18E-02	1.29E-06	3.47E+00	0.00E+00	4.85E+01	1.51E-05	4.85E+01	5.21E+01	3.47E+00	0.00E+00	0.00E+00	0.00E+00	5.53E+02
VF418PP	2.62E-02	4.22E+00	1.48E-01	4.07E+00	0.00E+00	0.00E+00	2.00E+01	4.65E-05	9.32E-03	4.55E-02	0.00E+00	-3.67E-03	3.95E-09	9.83E-08	3.15E-01	8.63E+00	0.00E+00	0.00E+00	2.25E+01	4.92E-02	6.52E+01	0.00E+00	5.29E-07	2.18E-07	1.33E-02	1.70E-06	4.26E+00	0.00E+00	6.52E+01	2.01E-05	6.52E+01	6.94E+01	4.26E+00	0.00E+00	0.00E+00	0.00E+00	7.01E+02
VF418PR	2.63E-02	5.30E+00	1.43E-01	4.88E+00	0.00E+00	0.00E+00	1.77E+01	4.98E-05	6.38E-03	5.31E-02	0.00E+00	-4.04E-03	3.49E-09	4.58E-08	2.80E-01	8.34E+00	2.19E-05	0.00E+00	2.06E+01	6.33E-02	6.46E+01	0.00E+00	5.22E-07	2.31E-07	1.50E-02	2.04E-06	3.89E+00	0.00E+00	6.46E+01	2.56E-05	6.46E+01	6.98E+01	3.89E+00	0.00E+00	0.00E+00	0.00E+00	6.73E+02
VF418PS	2.23E-02	5.32E+00	1.57E-01	5.17E+00	0.00E+00	0.00E+00	1.68E+01	3.64E-05	7.20E-03	5.09E-02	0.00E+00	-6.87E-03	3.47E-09	6.70E-08	2.59E-01	7.25E+00	0.00E+00	0.00E+00	1.84E+01	9.13E-02	5.44E+01	0.00E+00	4.53E-07	1.91E-07	1.37E-02	2.69E-06	3.52E+00	0.00E+00	5.44E+01	1.56E-05	5.44E+01	5.79E+01	3.52E+00	0.00E+00	0.00E+00	0.00E+00	5.74E+02
VF418PY	2.72E-02	5.23E+00	1.43E-01	4.17E+00	0.00E+00	0.00E+00	1.90E+01	4.20E-05	8.07E-03	5.18E-02	0.00E+00	-2.72E-03	3.74E-09	8.59E-08	3.03E-01	9.24E+00	1.46E-05	0.00E+00	2.15E+01	3.45E-02	7.02E+01	0.00E+00	5.65E-07	2.45E-07	1.65E-02	1.60E-06	4.35E+00	0.00E+00	7.02E+01	1.83E-05	7.02E+01	7.51E+01	4.35E+00	0.00E+00	0.00E+00	0.00E+00	6.50E+02
VF418PZC	1.67E-02	3.87E+00	9.24E-02	3.72E+00	0.00E+00	0.00E+00	1.19E+01	2.66E-05	4.18E-03	3.89E-02	0.00E+00	-2.01E-03	2.16E-09	4.09E-08	1.97E-01	5.51E+00	1.46E-05	0.00E+00	1.37E+01	2.80E-02	4.15E+01	0.00E+00	3.40E-07	1.55E-07	1.10E-02	1.20E-06	2.60E+00	0.00E+00	4.15E+01	1.45E-05	4.15E+01	4.43E+01	2.60E+00	0.00E+00	0.00E+00	0.00E+00	4.20E+02
VF418TA	2.34E-02	4.99E+00	1.28E-01	4.75E+00	0.00E+00	0.00E+00	1.74E+01	4.40E-05	6.08E-03	5.16E-02	0.00E+00	-8.35E-04	3.54E-09	4.53E-08	2.83E-01	7.86E+00	1.46E-05	0.00E+00	1.97E+01	1.15E-02	6.29E+01	0.00E+00	5.06E-07	2.22E-07	1.42E-02	9.94E-07	3.73E+00	0.00E+00	6.29E+01	2.47E-05	6.29E+01	6.69E+01	3.73E+00	0.00E+00	0.00E+00	0.00E+00	6.29E+02
VF418TD	2.15E-02	5.54E+00	9.49E-02	5.44E+00	0.00E+00	0.00E+00	1.63E+01	4.25E-05	5.03E-03	5.36E-02	0.00E+00	1.52E-18	3.20E-09	4.24E-08	2.43E-01	7.28E+00	0.00E+00	0.00E+00	1.86E+01	6.76E-04	5.79E+01	0.00E+00	4.76E-07	2.13E-07	1.46E-02	4.82E-07	3.52E+00	0.00E+00	5.79E+01	2.12E-05	5.79E+01	6.15E+01	3.52E+00	0.00E+00	0.00E+00	0.00E+00	6.15E+02
VF418TES	2.33E-02	4.99E+00	1.42E-01	4.82E+00	0.00E+00	0.00E+00	1.72E+01	4.41E-05	6.40E-03	4.96E-02	0.00E+00	-4.44E-03	3.53E-09	5.24E-08	2.82E-01	7.79E+00	1.28E-05	0.00E+00	1.96E+01	6.42E-02	6.24E+01	0.00E+00	4.96E-07	2.18E-07	1.39E-02	2.05E-06	3.71E+00	0.00E+00	6.24E+01	2.45E-05	6.24E+01	6.65E+01	3.71E+00	0.00E+00	0.00E+00	0.00E+00	6.21E+02
VF418TF	1.95E-02	3.92E+00	9.92E-02	4.00E+00	0.00E+00	0.00E+00	1.51E+01	3.81E-05	5.38E-03	4.07E-02	0.00E+00	-7.07E-04	2.76E-09	4.22E-08	2.42E-01	6.94E+00	5.04E-09	0.00E+00	1.70E+01	7.34E-03	5.27E+01	0.00E+00	4.28E-07	1.79E-07	1.16E-02	6.06E-07	3.23E+00	0.00E+00	5.27E+01	1.77E-05	5.27E+01	5.70E+01	3.23E+00	0.00E+00	0.00E+00	0.00E+00	5.28E+02
VF418TJ	1.99E-02	4.03E+00	9.92E-02	4.06E+00	0.00E+00	0.00E+00	1.51E+01	3.82E-05	5.36E-03	4.15E-02	0.00E+00	-7.07E-04	2.75E-09	4.19E-08	2.41E-01	6.95E+00	5.04E-09	0.00E+00	1.70E+01	7.31E-03	5.34E+01	0.00E+00	4.32E-07	1.83E-07	1.18E-02	6.26E-07	3.26E+00	0.00E+00	5.34E+01	1.77E-05	5.34E+01	5.73E+01	3.26E+00	0.00E+00	0.00E+00	0.00E+00	5.30E+02
VF418TM	2.14E-02	4.49E+00	1.30E-01	4.34E+00	0.00E+00	0.00E+00	1.61E+01	3.88E-05	5.85E-03	4.90E-02	0.00E+00	-2.02E-03	3.02E-09	4.45E-08	2.55E-01	7.40E+00	5.30E-09	0.00E+00	1.76E+01	2.51E-02	5.66E+01	0.00E+00	4.63E-07	2.02E-07	1.33E-02	1.15E-06	3.47E+00	0.00E+00	5.66E+01	1.83E-05	5.66E+01	6.05E+01	3.47E+00	0.00E+00	0.00E+00	0.00E+00	5.45E+02
VF418TP	2.76E-02	5.21E+00	1.43E-01	4.77E+00	0.00E+00	0.00E+00	1.86E+01	5.08E-05	6.83E-03	5.22E-02	0.00E+00	-2.55E-03	3.57E-09	5.28E-08	2.83E-01	9.19E+00	1.28E-05	0.00E+00	2.20E+01	3.72E-02	7.18E+01	0.00E+00	5.82E-07	2.62E-07	1.68E-02	1.42E-06	4.27E+00	0.00E+00	7.18E+01	2.58E-05	7.18E+01	7.68E+01	4.27E+00	0.00E+00	0.00E+00	0.00E+00	7.38E+02
VF418TR	2.62E-02	5.32E+00	1.42E-01	4.93E+00	0.00E+00	0.00E+00	1.76E+01	4.96E-05	6.38E-03	5.31E-02	0.00E+00	-4.04E-03	3.45E-09	4.57E-08	2.73E-01	8.38E+00	1.83E-06	0.00E+00	2.06E+01	6.29E-02	6.49E+01	0.00E+00	5.23E-07	2.29E-07	1.50E-02	2.00E-06	3.90E+00	0.00E+00	6.49E+01	2.54E-05	6.49E+01	6.99E+01	3.90E+00	0.00E+00	0.00E+00	0.00E+00	6.72E+02
VF418TS	2.17E-02	5.06E+00	1.40E-01	4.90E+00	0.00E+00	0.00E+00	1.65E+01	4.26E-05	6.01E-03	4.94E-02	0.00E+00	-4.40E-03	3.29E-09	5.08E-08	2.66E-01	7.42E+00	5.04E-09	0.00E+00	1.87E+01	6.41E-02	5.96E+01	0.00E+00	4.77E-07	2.11E-07	1.38E-02	1.95E-06	3.56E+00	0.00E+00	5.96E+01	2.42E-05	5.96E+01	6.34E+01	3.56E+00	0.00E+00	0.00E+00	0.00E+00	6.01E+02
VH12AT	1.34E-02	2.98E+00	1.00E-01	2.87E+00	0.00E+00	0.00E+00	2.29E+01	4.83E-05	3.73E-03	2.83E-02	0.00E+00	-1.83E-03	4.85E-09	7.35E-08	1.69E-01	5.52E+00	3.50E-08	0.00E+00	2.05E+01	3.25E-02	3.66E+01	0.00E+00	2.85E-07	1.29E-07	7.74E-03	8.98E-07	3.35E+00	0.00E+00	3.66E+01	1.05E-05	3.66E+01	3.97E+01	3.35E+00	0.00E+00	0.00E+00	0.00E+00	7.23E+02
VH12DKN	1.26E-02	2.93E+00	9.21E-02	2.86E+00	0.00E+00	0.00E+00	2.15E+01	4.43E-05	3.20E-03	2.78E-02	0.00E+00	-7.82E-04	4.57E-09	5.61E-08	1.62E-01	4.68E+00	3.50E-08	0.00E+00	1.94E+01	1.01E-02	3.34E+01	0.00E+00	2.68E-07	1.18E-07	7.54E-03	5.46E-07	3.02E+00	0.00E+00	3.34E+01	1.00E-05	3.34E+01	3.64E+01	3.02E+00	0.00E+00	0.00E+00	0.00E+00	6.85E+02
VH12EP	1.28E-02	2.94E+00	9.36E-02	2.84E+00	0.00E+00	0.00E+00	2.19E+01	4.70E-05	3.25E-03	2.77E-02	0.00E+00	-7.91E-04	4.59E-09	5.98E-08	1.67E-01	5.35E+00	3.50E-08	0.00E+00	1.99E+01	1.09E-02	3.58E+01	0.00E+00	2.76E-07	1.25E-07	7.60E-03	5.40E-07	3.25E+00	0.00E+00	3.58E+01	1.01E-05	3.58E+01	3.89E+01	3.25E+00	0.00E+00	0.00E+00	0.00E+00	7.00E+02
VH12ET	1.34E-02	2.99E+00	9.50E-02	3.12E+00	0.00E+00	0.00E+00	2.19E+01	4.39E-05	3.64E-03	2.99E-02	0.00E+00	-1.76E-03	4.51E-09	6.48E-08	1.61E-01	4.44E+00	3.50E-08	0.00E+00	1.95E+01	4.61E-02	3.35E+01	0.00E+00	2.72E-07	1.18E-07	7.38E-03	8.09E-07	3.04E+00	0.00E+00	3.35E+01	1.04E-05	3.35E+01	3.61E+01	3.04E+00	0.00E+00	0.00E+00	0.00E+00	6.85E+02
VH12NA	1.26E-02	2.87E+00	9.61E-02	2.77E+00	0.00E+00	0.00E+00	2.20E+01	4.73E-05	3.21E-03	2.76E-02	0.00E+00	-5.19E-04	4.82E-09	5.72E-08	1.71E-01	5.40E+00	0.00E+00	0.00E+00	1.99E+01	7.28E-03	3.58E+01	0.00E+00	2.76E-07	1.25E-07	7.53E-03	4.76E-07	3.29E+00	0.00E+00	3.58E+01	1.03E-05	3.58E+01	3.91E+01	3.29E+00	0.00E+00	0.00E+00	0.00E+00	7.03E+02
VH12NC	1.62E-02	3.09E+00	1.17E-01	2.97E+00	0.00E+00	0.00E+00	2.39E+01	5.12E-05	5.48E-03	2.97E-02	0.00E+00	-1.80E-03	5.16E-09	8.20E-08	1.82E-01	6.10E+00	0.00E+00	0.00E+00	2.16E+01	2.43E-02	3.86E+01	0.00E+00	2.98E-07	1.37E-07	8.27E-03	9.07E-07	3.59E+00	0.00E+00	3.86E+01	1.08E-05	3.86E+01	4.22E+01	3.59E+00	0.00E+00	0.00E+00	0.00E+00	7.68E+02
VH12NE	1.23E-02	2.94E+00	9.33E-02	2.84E+00	0.00E+00	0.00E+00	2.22E+01	4.76E-05	2.83E-03	2.81E-02	0.00E+00	-1.52E-04	4.84E-09	5.37E-08	1.73E-01	5.39E+00	0.00E+00	0.00E+00	1.99E+01	2.45E-03	3.62E+01	0.00E+00	2.80E-07	1.26E-07	7.64E-03	3.64E-07	3.30E+00	0.00E+00	3.62E+01	1.05E-05	3.62E+01	3.95E+01	3.30E+00	0.00E+00	0.00E+00	0.00E+00	7.05E+02
VH12NK	4.47E-03	1.32E+00	2.00E-02	1.71E+00	0.00E+00	0.00E+00	2.34E+00	3.22E-06	9.07E-04	1.38E-02	0.00E+00	-2.56E-03	4.85E-10	6.89E-09	3.82E-02	1.17E+00	2.87E-06	0.00E+00	2.26E+00	2.62E-02	8.62E+00	0.00E+00	7.35E-08	3.21E-08	3.16E-03	7.00E-07	4.93E-01	0.00E+00	8.62E+00	2.18E-06	8.62E+00	9.12E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
VH12NN	1.57E-02	3.03E+00	1.11E-01	2.92E+00	0.00E+00	0.00E+00	2.35E+01	5.03E-05	5.26E-03	2.92E-02	0.00E+00	-1.39E-03	5.10E-09	7.95E-08	1.79E-01	5.98E+00	0.00E+00	0.00E+00	2.13E+01	1.89E-02	3.79E+01	0.00E+00	2.93E-07	1.34E-07	8.10E-03	7.71E-07	3.53E+00	0.00E+00	3.79E+01	1.06E-05	3.79E+01	4.14E+01	3.53E+00	0.00E+00	0.00E+00	0.00E+00	7.55E+02
VH24AT	1.78E-02	3.92E+00	1.44E-01	3.79E+00	0.00E+00	0.00E+00	3.49E+01	7.36E-05	6.56E-03	3.69E-02	0.00E+00	-1.85E-03	7.41E-09	1.08E-07	2.04E-01	6.72E+00	1.49E-08	0.00E+00	2.84E+01	2.53E-02	4.43E+01	0.00E+00	3.41E-07	1.65E-07	1.04E-02	9.72E-07	4.75E+00	0.00E+00	4.43E+01	1.33E-05	4.43E+01	4.87E+01	4.75E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+03
VH24DKN	1.59E-02	3.87E+00	1.33E-01	3.67E+00	0.00E+00	0.00E+00	3.35E+01	7.08E-05	3.93E-03	3.58E-02	0.00E+00	-1.02E-03	6.30E-09	8.21E-08	1.99E-01	6.55E+00	3.50E-08	0.00E+00	2.67E+01	1.47E-02	4.29E+01	0.00E+00	3.34E-07	1.56E-07	1.00E-02	6.85E-07	4.51E+00	0.00E+00	4.29E+01	1.29E-05	4.29E+01	4.76E+01	4.51E+00	0.00E+00	0.00E+00	0.00E+00	9.38E+02
VH24EP	1.65E-02	3.89E+00	1.35E-01	3.75E+00	0.00E+00	0.00E+00	3.40E+01	7.24E-05	4.16E-03	3.65E-02	0.00E+00	-1.05E-03	7.38E-09	8.69E-08	2.01E-01	6.60E+00	2.97E-08	0.00E+00	2.74E+01	1.47E-02	4.29E+01	0.00E+00	3.35E-07	1.56E-07	1.01E-02	7.34E-07	4.66E+00	0.00E+00	4.29E+01	1.31E-05	4.29E+01	4.77E+01	4.66E+00	0.00E+00	0.00E+00	0.00E+00	9.72E+02
VH24ET	1.65E-02	3.78E+00	1.48E-01	3.56E+00	0.00E+00	0.00E+00	3.23E+01	6.74E-05	4.55E-03	3.44E-02	0.00E+00	-1.67E-03	7.30E-09	7.96E-08	1.94E-01	6.56E+00	2.97E-08	0.00E+00	2.45E+01	4.66E-02	4.11E+01	0.00E+00	3.26E-07	1.47E-07	9.14E-03	9.26E-07	4.13E+00	0.00E+00	4.11E+01	1.20E-05	4.11E+01	4.61E+01	4.13E+00	0.00E+00	0.00E+00	0.00E+00	8.84E+02
VH24NA	1.73E-02	3.80E+00	1.46E-01	3.65E+00	0.00E+00	0.00E+00	3.56E+01	7.46E-05	4.25E-03	3.66E-02	0.00E+00	-1.03E-03	7.68E-09	8.85E-08	2.42E-01	7.85E+00	0.00E+00	0.00E+00	2.90E+01	1.42E-02	5.07E+01	0.00E+00	3.87E-07	1.74E-07	1.01E-02	7.69E-07	4.84E+00	0.00E+00	5.07E+01	1.38E-05	5.07E+01	5.56E+01	4.84E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+03
VH24NC	2.14E-02	4.02E+00	1.65E-01	3.85E+00	0.00E+00	0.00E+00	3.77E+01	7.87E-05	6.92E-03	3.88E-02	0.00E+00	-1.99E-03	8.05E-09	1.17E-07	2.54E-01	8.64E+00	0.00E+00	0.00E+00	3.09E+01	2.69E-02	5.37E+01	0.00E+00	4.10E-07	1.87E-07	1.09E-02	1.10E-06	5.17E+00	0.00E+00	5.37E+01	1.43E-05	5.37E+01	5.89E+01	5.17E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+03
VH24NE	1.66E-02	3.84E+00	1.39E-01	3.70E+00	0.00E+00	0.00E+00	3.56E+01	7.46E-05	3.72E-03	3.69E-02	0.00E+00	-2.93E-04	7.67E-09	8.34E-08	2.43E-01	7.79E+00	0.00E+00	0.00E+00	2.89E+01	4.49E-03	5.08E+01	0.00E+00	3.88E-07	1.74E-07	1.01E-02	5.37E-07	4.83E+00	0.00E+00	5.08E+01	1.39E-05	5.08E+01	5.57E+01	4.83E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+03
VH24NK	5.87E-03	1.61E+00	3.26E-02	1.58E+00	0.00E+00	0.00E+00	4.53E+00	1.20E-05	1.33E-03	1.53E-02	0.00E+00	-1.51E-04	2.50E-09	1.19E-08	7.58E-02	2.10E+00	3.10E-06	0.00E+00	7.90E+00	2.21E-03	1.61E+01	0.00E+00	1.30E-07	5.93E-08	4.05E-03	1.88E-07	1.24E+00	0.00E+00	1.61E+01	5.77E-06	1.61E+01	1.73E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	2.80E+02
VH24NN	2.11E-02	4.00E+00	1.64E-01	3.83E+00	0.00E+00	0.00E+00	3.76E+01	7.84E-05	6.81E-03	3.86E-02	0.00E+00	-1.99E-03	8.04E-09	1.16E-07	2.53E-01	8.58E+00	0.00E+00	0.00E+00	3.08E+01	2.69E-02	5.33E+01	0.00E+00	4.07E-07	1.86E-07	1.08E-02	1.09E-06	5.15E+00	0.00E+00	5.33E+01	1.41E-05	5.33E+01	5.85E+01	5.15E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+03
VH24NWB	1.39E-02	3.29E+00	1.06E-01	3.18E+00	0.00E+00	0.00E+00	2.56E+01	5.63E-05	2.83E-03	3.20E-02	0.00E+00	-1.52E-04	5.97E-09	5.72E-08	1.98E-01	6.23E+00	0.00E+00	0.00E+00	2.27E+01	2.51E-03	4.28E+01	0.00E+00	3.30E-07	1.49E-07	8.81E-03	4.08E-07	3.78E+00	0.00E+00	4.28E+01	1.32E-05	4.28E+01	4.66E+01	3.78E+00	0.00E+00	0.00E+00	0.00E+00	8.05E+02
VH36AT	2.29E-02	4.83E+00	1.65E-01	4.78E+00	0.00E+00	0.00E+00	3.78E+01	8.17E-05	7.74E-03	4.79E-02	0.00E+00	-2.21E-03	7.82E-09	1.25E-07	2.89E-01	9.30E+00	1.83E-05	0.00E+00	3.22E+01	3.07E-02	6.41E+01	0.00E+00	5.04E-07	2.18E-07	1.33E-02	1.36E-06	5.50E+00	0.00E+00	6.41E+01	1.73E-05	6.41E+01	6.88E+01	5.50E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+03
VH36DKN	2.02E-02	4.41E+00	1.59E-01	4.41E+00	0.00E+00	0.00E+00	3.66E+01	7.65E-05	4.95E-03	4.36E-02	0.00E+00	-1.55E-03	6.88E-09	9.31E-08	2.82E-01	8.71E+00	3.66E-06	0.00E+00	3.01E+01	3.56E-02	5.85E+01	0.00E+00	4.65E-07	2.00E-07	1.22E-02	1.06E-06	5.17E+00	0.00E+00	5.85E+01	1.52E-05	5.85E+01	6.35E+01	5.17E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+03
VH36EP	2.04E-02	4.47E+00	1.62E-01	4.51E+00	0.00E+00	0.00E+00	3.75E+01	7.80E-05	5.50E-03	4.42E-02	0.00E+00	-1.25E-03	7.75E-09	9.89E-08	2.90E-01	8.91E+00	7.30E-06	0.00E+00	3.05E+01	1.74E-02	5.96E+01	0.00E+00	4.68E-07	2.02E-07	1.22E-02	9.70E-07	5.27E+00	0.00E+00	5.96E+01	1.58E-05	5.96E+01	6.46E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+03
VH36ET	2.02E-02	4.25E+00	1.69E-01	4.46E+00	0.00E+00	0.00E+00	3.80E+01	7.79E-05	5.95E-03	4.18E-02	0.00E+00	-2.03E-03	8.16E-09	1.05E-07	2.77E-01	8.90E+00	7.30E-06	0.00E+00	3.07E+01	5.02E-02	5.73E+01	0.00E+00	4.35E-07	1.90E-07	1.12E-02	1.11E-06	5.21E+00	0.00E+00	5.73E+01	1.52E-05	5.73E+01	6.28E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+03
VH36NA	1.94E-02	4.50E+00	1.55E-01	4.35E+00	0.00E+00	0.00E+00	3.63E+01	7.57E-05	4.82E-03	4.33E-02	0.00E+00	-1.03E-03	7.83E-09	9.02E-08	2.74E-01	8.55E+00	0.00E+00	0.00E+00	3.03E+01	1.43E-02	5.69E+01	0.00E+00	4.41E-07	1.95E-07	1.18E-02	8.30E-07	5.14E+00	0.00E+00	5.69E+01	1.55E-05	5.69E+01	6.20E+01	5.14E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+03
VH36NC	2.52E-02	5.00E+00	1.89E-01	4.81E+00	0.00E+00	0.00E+00	4.18E+01	8.73E-05	8.01E-03	4.82E-02	0.00E+00	-2.36E-03	7.67E-09	1.30E-07	3.06E-01	1.01E+01	0.00E+00	0.00E+00	3.47E+01	3.18E-02	6.41E+01	0.00E+00	4.96E-07	2.23E-07	1.34E-02	1.31E-06	5.90E+00	0.00E+00	6.41E+01	1.70E-05	6.41E+01	7.01E+01	5.90E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+03
VH36NCT	1.66E-02	3.99E+00	1.12E-01	4.17E+00	0.00E+00	0.00E+00	3.12E+01	6.73E-05	3.65E-03	3.60E-02	0.00E+00	-9.35E-04	6.47E-09	7.36E-08	2.60E-01	8.34E+00	2.84E-06	0.00E+00	2.62E+01	1.74E-02	5.16E+01	0.00E+00	3.91E-07	1.70E-07	1.01E-02	5.64E-07	4.64E+00	0.00E+00	5.16E+01	1.38E-05	5.16E+01	5.86E+01	4.64E+00	0.00E+00	0.00E+00	0.00E+00	9.08E+02
VH36NE	2.03E-02	4.86E+00	1.61E-01	4.70E+00	0.00E+00	0.00E+00	3.97E+01	8.30E-05	4.64E-03	4.66E-02	0.00E+00	-2.93E-04	7.28E-09	9.37E-08	2.95E-01	9.19E+00	0.00E+00	0.00E+00	3.27E+01	4.63E-03	6.14E+01	0.00E+00	4.75E-07	2.10E-07	1.27E-02	6.38E-07	5.55E+00	0.00E+00	6.14E+01	1.67E-05	6.14E+01	6.69E+01	5.55E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+03
VH36NK	6.16E-03	3.22E+00	6.47E-02	3.15E+00	0.00E+00	0.00E+00	2.19E+00	8.01E-07	2.10E-03	2.52E-02	0.00E+00	-5.53E-03	5.48E-10	6.40E-09	3.42E-02	1.36E+00	3.83E-06	0.00E+00	1.94E+00	7.32E-02	8.25E+00	0.00E+00	8.48E-08	4.32E-08	5.70E-03	1.92E-06	4.90E-01	0.00E+00	8.25E+00	4.96E-07	8.25E+00	8.74E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	6.12E+01
VH36NKM	7.62E-03	3.43E+00	4.79E-02	3.30E+00	0.00E+00	0.00E+00	4.26E+00	8.44E-06	2.21E-03	2.96E-02	0.00E+00	-4.30E-03	1.35E-09	1.23E-08	6.42E-02	2.12E+00	3.08E-06	0.00E+00	5.42E+00	5.71E-02	1.42E+01	0.00E+00	1.33E-07	6.34E-08	6.34E-03	1.50E-06	9.29E-01	0.00E+00	1.42E+01	2.43E-06	1.42E+01	1.52E+01	9.29E-01	0.00E+00	0.00E+00	0.00E+00	1.79E+02
VH36NN	2.59E-02	4.85E+00	1.86E-01	4.66E+00	0.00E+00	0.00E+00	3.95E+01	8.22E-05	9.02E-03	4.67E-02	0.00E+00	-2.72E-03	8.42E-09	1.36E-07	2.93E-01	9.78E+00	0.00E+00	0.00E+00	3.33E+01	3.67E-02	6.14E+01	0.00E+00	4.76E-07	2.15E-07	1.30E-02	1.40E-06	5.66E+00	0.00E+00	6.14E+01	1.62E-05	6.14E+01	6.71E+01	5.66E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+03
VH36NW	1.99E-02	4.58E+00	1.63E-01	4.41E+00	0.00E+00	0.00E+00	3.67E+01	7.91E-05	4.63E-03	4.39E-02	0.00E+00	-2.20E-03	7.83E-09	8.87E-08	2.66E-01	8.65E+00	0.00E+00	0.00E+00	3.07E+01	2.97E-02	5.79E+01	0.00E+00	4.46E-07	2.03E-07	1.21E-02	1.20E-06	5.17E+00	0.00E+00	5.79E+01	1.70E-05	5.79E+01	6.31E+01	5.17E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+03
VH36NWB	1.76E-02	3.99E+00	1.19E-01	4.62E+00	0.00E+00	0.00E+00	3.67E+01	7.26E-05	3.89E-03	3.60E-02	0.00E+00	-7.18E-04	6.99E-09	8.74E-08	2.78E-01	8.64E+00	4.79E-08	0.00E+00	2.96E+01	1.29E-02	5.82E+01	0.00E+00	4.32E-07	1.85E-07	1.05E-02	5.80E-07	4.96E+00	0.00E+00	5.82E+01	1.42E-05	5.82E+01	6.29E+01	4.96E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+03
VH36NWP	2.11E-02	4.50E+00	1.55E-01	5.05E+00	0.00E+00	0.00E+00	3.97E+01	7.96E-05	4.91E-03	4.59E-02	0.00E+00	-2.18E-03	8.19E-09	9.66E-08	3.01E-01	9.29E+00	4.79E-08	0.00E+00	3.14E+01	2.97E-02	6.21E+01	0.00E+00	4.85E-07	2.11E-07	1.30E-02	1.19E-06	5.38E+00	0.00E+00	6.21E+01	1.69E-05	6.21E+01	6.84E+01	5.38E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+03
VH36WWH	2.00E-02	4.00E+00	1.58E-01	4.87E+00	0.00E+00	0.00E+00	3.91E+01	7.82E-05	4.85E-03	3.86E-02	0.00E+00	-2.87E-03	8.25E-09	9.60E-08	2.87E-01	9.20E+00	3.01E-06	0.00E+00	3.11E+01	7.36E-02	5.94E+01	0.00E+00	4.46E-07	1.93E-07	1.10E-02	1.37E-06	5.32E+00	0.00E+00	5.94E+01	1.56E-05	5.94E+01	6.66E+01	5.32E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+03
VH48AT	2.79E-02	5.75E+00	2.13E-01	5.53E+00	0.00E+00	0.00E+00	4.82E+01	9.99E-05	8.47E-03	5.53E-02	0.00E+00	-2.36E-03	8.53E-09	1.42E-07	3.54E-01	1.14E+01	0.00E+00	0.00E+00	3.94E+01	3.20E-02	7.36E+01	0.00E+00	5.70E-07	2.53E-07	1.53E-02	1.40E-06	6.73E+00	0.00E+00	7.36E+01	1.93E-05	7.36E+01	8.03E+01	6.73E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+03
VH48DKN	2.51E-02	5.61E+00	1.91E-01	5.31E+00	0.00E+00	0.00E+00	3.83E+01	8.68E-05	6.40E-03	5.28E-02	0.00E+00	-2.29E-03	7.45E-09	1.16E-07	3.33E-01	1.07E+01	1.89E-06	0.00E+00	3.50E+01	4.31E-02	7.17E+01	0.00E+00	5.59E-07	2.43E-07	1.49E-02	1.35E-06	5.94E+00	0.00E+00	7.17E+01	1.93E-05	7.17E+01	7.78E+01	5.94E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+03
VH48EP	2.42E-02	5.66E+00	1.92E-01	5.38E+00	0.00E+00	0.00E+00	4.60E+01	9.39E-05	6.11E-03	5.31E-02	0.00E+00	-1.24E-03	8.17E-09	1.13E-07	3.46E-01	1.07E+01	7.31E-06	0.00E+00	3.61E+01	1.86E-02	7.13E+01	0.00E+00	5.55E-07	2.43E-07	1.47E-02	1.03E-06	6.29E+00	0.00E+00	7.13E+01	1.93E-05	7.13E+01	7.79E+01	6.29E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+03
VH48ET	2.48E-02	5.58E+00	1.91E-01	5.35E+00	0.00E+00	0.00E+00	3.80E+01	8.53E-05	6.10E-03	5.30E-02	0.00E+00	-2.13E-03	8.23E-09	1.02E-07	3.26E-01	1.02E+01	1.46E-05	0.00E+00	3.30E+01	5.31E-02	7.29E+01	0.00E+00	5.62E-07	2.47E-07	1.51E-02	1.37E-06	5.71E+00	0.00E+00	7.29E+01	1.95E-05	7.29E+01	7.91E+01	5.71E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+03
VH48MMV	2.40E-02	5.73E+00	1.75E-01	5.59E+00	0.00E+00	0.00E+00	3.96E+01	8.66E-05	5.41E-03	5.39E-02	0.00E+00	-2.68E-03	7.67E-09	9.82E-08	3.11E-01	9.89E+00	1.06E-07	0.00E+00	3.40E+01	3.73E-02	6.85E+01	0.00E+00	5.26E-07	2.37E-07	1.53E-02	1.40E-06	5.80E+00	0.00E+00	6.85E+01	2.15E-05	6.85E+01	7.42E+01	5.80E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+03
VH48NA	2.43E-02	5.55E+00	1.94E-01	5.35E+00	0.00E+00	0.00E+00	4.63E+01	9.62E-05	6.13E-03	5.34E-02	0.00E+00	-1.21E-03	8.19E-09	1.16E-07	3.43E-01	1.07E+01	0.00E+00	0.00E+00	3.77E+01	1.69E-02	7.10E+01	0.00E+00	5.50E-07	2.42E-07	1.46E-02	1.02E-06	6.43E+00	0.00E+00	7.10E+01	1.89E-05	7.10E+01	7.74E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+03
VH48NC	2.85E-02	5.80E+00	2.17E-01	5.59E+00	0.00E+00	0.00E+00	4.86E+01	1.01E-04	8.80E-03	5.59E-02	0.00E+00	-2.54E-03	8.59E-09	1.46E-07	3.57E-01	1.16E+01	0.00E+00	0.00E+00	3.97E+01	3.44E-02	7.44E+01	0.00E+00	5.76E-07	2.57E-07	1.55E-02	1.46E-06	6.80E+00	0.00E+00	7.44E+01	1.95E-05	7.44E+01	8.12E+01	6.80E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+03
VH48NE	2.35E-02	5.66E+00	1.87E-01	5.48E+00	0.00E+00	0.00E+00	4.64E+01	9.65E-05	5.34E-03	5.44E-02	0.00E+00	-2.93E-04	8.20E-09	1.09E-07	3.46E-01	1.07E+01	0.00E+00	0.00E+00	3.77E+01	4.76E-03	7.16E+01	0.00E+00	5.55E-07	2.44E-07	1.48E-02	7.32E-07	6.44E+00	0.00E+00	7.16E+01	1.93E-05	7.16E+01	7.80E+01	6.44E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+03
VH48NK	7.03E-03	3.68E+00	6.74E-02	3.61E+00	0.00E+00	0.00E+00	2.44E+00	7.38E-07	2.41E-03	2.88E-02	0.00E+00	-5.53E-03	6.18E-10	7.17E-09	3.87E-02	1.55E+00	4.75E-06	0.00E+00	2.17E+00	7.32E-02	9.33E+00	0.00E+00	9.63E-08	4.91E-08	6.52E-03	1.94E-06	5.54E-01	0.00E+00	9.33E+00	6.07E-07	9.33E+00	9.88E+00	5.54E-01	0.00E+00	0.00E+00	0.00E+00	6.81E+01
VH48NKM	8.98E-03	3.95E+00	8.98E-02	3.86E+00	0.00E+00	0.00E+00	3.51E+00	3.39E-06	3.37E-03	3.13E-02	0.00E+00	-7.58E-03	8.01E-10	1.70E-08	4.83E-02	2.00E+00	4.56E-06	0.00E+00	3.26E+00	1.00E-01	1.20E+01	0.00E+00	1.18E-07	6.02E-08	7.26E-03	2.61E-06	7.51E-01	0.00E+00	1.20E+01	1.33E-06	1.20E+01	1.28E+01	7.51E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
VH48NMB	2.20E-02	6.77E+00	1.83E-01	6.59E+00	0.00E+00	0.00E+00	4.58E+01	8.80E-05	5.79E-03	5.90E-02	0.00E+00	-1.51E-03	6.53E-09	1.07E-07	2.71E-01	9.47E+00	2.90E-05	0.00E+00	3.15E+01	2.11E-02	5.75E+01	0.00E+00	4.54E-07	2.08E-07	1.50E-02	1.10E-06	5.56E+00	0.00E+00	5.75E+01	1.21E-05	5.75E+01	6.30E+01	5.56E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+03
VH48NN	3.12E-02	5.90E+00	2.28E-01	5.68E+00	0.00E+00	0.00E+00	4.98E+01	1.03E-04	1.07E-02	5.69E-02	0.00E+00	-3.09E-03	8.82E-09	1.66E-07	3.62E-01	1.20E+01	0.00E+00	0.00E+00	4.08E+01	4.17E-02	7.56E+01	0.00E+00	5.86E-07	2.63E-07	1.58E-02	1.65E-06	6.98E+00	0.00E+00	7.56E+01	1.95E-05	7.56E+01	8.26E+01	6.98E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+03
VH48NRM	1.87E-02	3.95E+00	1.30E-01	4.23E+00	0.00E+00	0.00E+00	3.68E+01	7.56E-05	4.40E-03	3.85E-02	0.00E+00	-2.80E-03	7.22E-09	9.20E-08	2.80E-01	8.94E+00	3.45E-06	0.00E+00	2.96E+01	4.15E-02	5.89E+01	0.00E+00	4.45E-07	1.89E-07	1.09E-02	9.63E-07	5.16E+00	0.00E+00	5.89E+01	1.57E-05	5.89E+01	6.45E+01	5.16E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+03
VH48NW	2.28E-02	5.26E+00	1.84E-01	5.08E+00	0.00E+00	0.00E+00	4.20E+01	9.07E-05	5.23E-03	5.07E-02	0.00E+00	-2.20E-03	8.71E-09	1.00E-07	3.08E-01	9.97E+00	0.00E+00	0.00E+00	3.49E+01	2.98E-02	6.72E+01	0.00E+00	5.18E-07	2.35E-07	1.40E-02	1.27E-06	5.92E+00	0.00E+00	6.72E+01	1.99E-05	6.72E+01	7.31E+01	5.92E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+03
VH48NWB	2.05E-02	4.49E+00	1.57E-01	4.91E+00	0.00E+00	0.00E+00	3.79E+01	7.89E-05	4.78E-03	4.67E-02	0.00E+00	-8.05E-04	7.26E-09	9.40E-08	3.00E-01	9.30E+00	4.79E-08	0.00E+00	3.06E+01	1.69E-02	6.30E+01	0.00E+00	4.95E-07	2.14E-07	1.27E-02	6.78E-07	5.34E+00	0.00E+00	6.30E+01	1.76E-05	6.30E+01	6.89E+01	5.34E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+03
VH48NWP	2.36E-02	5.43E+00	1.77E-01	5.65E+00	0.00E+00	0.00E+00	4.08E+01	8.86E-05	5.48E-03	5.27E-02	0.00E+00	-2.31E-03	8.42E-09	9.90E-08	3.14E-01	9.87E+00	4.79E-08	0.00E+00	3.41E+01	3.09E-02	6.99E+01	0.00E+00	5.45E-07	2.44E-07	1.50E-02	1.33E-06	5.84E+00	0.00E+00	6.99E+01	2.14E-05	6.99E+01	7.56E+01	5.84E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+03
VH48WWH	2.67E-02	5.99E+00	2.09E-01	5.78E+00	0.00E+00	0.00E+00	4.64E+01	1.03E-04	5.92E-03	5.84E-02	0.00E+00	-2.89E-03	9.39E-09	1.10E-07	3.49E-01	1.14E+01	0.00E+00	0.00E+00	3.91E+01	3.91E-02	7.86E+01	0.00E+00	6.07E-07	2.77E-07	1.63E-02	1.57E-06	6.66E+00	0.00E+00	7.86E+01	2.47E-05	7.86E+01	8.53E+01	6.66E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+03
VH48WWV	2.40E-02	5.73E+00	1.86E-01	5.59E+00	0.00E+00	0.00E+00	3.96E+01	8.63E-05	5.43E-03	5.39E-02	0.00E+00	-2.75E-03	7.67E-09	9.79E-08	3.13E-01	9.96E+00	1.06E-07	0.00E+00	3.39E+01	6.27E-02	6.94E+01	0.00E+00	5.47E-07	2.46E-07	1.53E-02	1.43E-06	5.80E+00	0.00E+00	6.94E+01	2.18E-05	6.94E+01	7.47E+01	5.80E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+03
VH602NWH	2.84E-02	5.86E+00	1.99E-01	5.63E+00	0.00E+00	0.00E+00	4.74E+01	9.97E-05	7.34E-03	5.74E-02	0.00E+00	-2.83E-03	8.64E-09	1.15E-07	3.70E-01	1.13E+01	3.68E-06	0.00E+00	3.69E+01	4.03E-02	7.85E+01	0.00E+00	6.07E-07	2.65E-07	1.61E-02	1.59E-06	6.58E+00	0.00E+00	7.85E+01	2.24E-05	7.85E+01	8.46E+01	6.58E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+03
VH602WWH	2.82E-02	5.91E+00	1.94E-01	5.72E+00	0.00E+00	0.00E+00	3.68E+01	8.32E-05	7.99E-03	5.79E-02	0.00E+00	-3.69E-03	7.88E-09	1.11E-07	3.32E-01	1.06E+01	0.00E+00	0.00E+00	3.40E+01	4.95E-02	7.41E+01	0.00E+00	5.83E-07	2.63E-07	1.62E-02	1.79E-06	5.89E+00	0.00E+00	7.41E+01	2.35E-05	7.41E+01	8.00E+01	5.89E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+03
VH603NWH	2.96E-02	5.95E+00	2.07E-01	5.68E+00	0.00E+00	0.00E+00	4.94E+01	1.02E-04	8.05E-03	5.75E-02	0.00E+00	-2.92E-03	8.78E-09	1.28E-07	3.75E-01	1.18E+01	1.83E-06	0.00E+00	3.81E+01	4.15E-02	8.09E+01	0.00E+00	6.29E-07	2.70E-07	1.63E-02	1.66E-06	6.84E+00	0.00E+00	8.09E+01	2.16E-05	8.09E+01	8.77E+01	6.84E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+03

VH603WWH	2.85E-02	5.81E+00	2.16E-01	5.61E+00	0.00E+00	0.00E+00	4.75E+01	9.85E-05	8.04E-03	5.66E-02	0.00E+00	-2.92E-03	8.41E-09	1.27E-07	3.50E-01	1.13E+01	1.83E-06	0.00E+00	3.73E+01	6.54E-02	7.41E+01	0.00E+00	5.82E-07	2.60E-07	1.59E-02	1.66E-06	6.56E+00	0.00E+00	7.41E+01	2.21E-05	7.41E+01	8.02E+01	6.56E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+03
VH60AT	3.04E-02	6.30E+00	2.32E-01	6.11E+00	0.00E+00	0.00E+00	5.21E+01	1.06E-04	8.68E-03	6.05E-02	0.00E+00	-2.51E-03	9.30E-09	1.47E-07	4.03E-01	1.23E+01	3.82E-09	0.00E+00	4.12E+01	3.68E-02	8.28E+01	0.00E+00	6.45E-07	2.77E-07	1.67E-02	1.53E-06	7.17E+00	0.00E+00	8.28E+01	2.15E-05	8.28E+01	9.01E+01	7.17E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+03
VH60DKN	2.81E-02	6.24E+00	5.81E-01	5.96E+00	0.00E+00	0.00E+00	5.15E+01	1.07E-04	6.99E-03	5.83E-02	0.00E+00	-1.68E-02	8.39E-09	1.24E-07	4.04E-01	1.22E+01	1.86E-06	0.00E+00	4.03E+01	3.24E-01	8.21E+01	0.00E+00	6.42E-07	2.77E-07	1.61E-02	7.29E-06	7.16E+00	0.00E+00	8.21E+01	1.67E-05	8.21E+01	8.85E+01	7.16E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+03
VH60EP	2.94E-02	6.29E+00	3.15E-01	6.04E+00	0.00E+00	0.00E+00	5.16E+01	1.06E-04	8.35E-03	5.93E-02	0.00E+00	-1.79E-03	9.06E-09	1.46E-07	3.99E-01	1.23E+01	2.92E-05	0.00E+00	4.06E+01	4.38E-02	8.20E+01	0.00E+00	6.49E-07	2.77E-07	1.63E-02	1.31E-06	7.14E+00	0.00E+00	8.20E+01	2.14E-05	8.20E+01	8.84E+01	7.14E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+03
VH60ET	2.81E-02	6.14E+00	2.24E-01	5.88E+00	0.00E+00	0.00E+00	4.98E+01	1.04E-04	8.02E-03	5.71E-02	0.00E+00	-2.50E-03	9.46E-09	1.43E-07	3.84E-01	1.20E+01	1.18E-06	0.00E+00	4.09E+01	6.89E-02	7.82E+01	0.00E+00	6.02E-07	2.68E-07	1.59E-02	1.44E-06	6.99E+00	0.00E+00	7.82E+01	2.17E-05	7.82E+01	8.53E+01	6.99E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+03
VH60MMV	2.50E-02	6.04E+00	1.99E-01	5.67E+00	0.00E+00	0.00E+00	4.64E+01	9.86E-05	5.63E-03	5.78E-02	0.00E+00	-2.69E-03	7.75E-09	1.10E-07	3.52E-01	1.11E+01	1.06E-07	0.00E+00	3.81E+01	3.75E-02	7.30E+01	0.00E+00	5.80E-07	2.61E-07	1.57E-02	1.43E-06	6.51E+00	0.00E+00	7.30E+01	2.32E-05	7.30E+01	7.97E+01	6.51E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+03
VH60NA	2.92E-02	6.43E+00	2.24E-01	6.21E+00	0.00E+00	0.00E+00	5.21E+01	1.08E-04	8.07E-03	6.19E-02	0.00E+00	-1.62E-03	8.95E-09	1.41E-07	3.94E-01	1.24E+01	0.00E+00	0.00E+00	4.24E+01	2.24E-02	8.15E+01	0.00E+00	6.34E-07	2.79E-07	1.70E-02	1.24E-06	7.30E+00	0.00E+00	8.15E+01	2.15E-05	8.15E+01	8.88E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+03
VH60NE	2.70E-02	6.16E+00	3.24E-01	6.01E+00	0.00E+00	0.00E+00	5.12E+01	1.06E-04	6.09E-03	6.03E-02	0.00E+00	-3.46E-03	9.04E-09	1.19E-07	4.00E-01	1.21E+01	6.75E-05	0.00E+00	3.99E+01	9.10E-02	8.19E+01	0.00E+00	6.43E-07	2.75E-07	1.61E-02	1.59E-06	7.06E+00	0.00E+00	8.19E+01	2.16E-05	8.19E+01	8.92E+01	7.06E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+03
VH60NK	8.41E-03	4.41E+00	7.17E-02	4.34E+00	0.00E+00	0.00E+00	2.83E+00	6.07E-07	2.89E-03	3.46E-02	0.00E+00	-5.53E-03	7.28E-10	8.35E-09	4.58E-02	1.84E+00	5.84E-06	0.00E+00	2.52E+00	7.32E-02	1.10E+01	0.00E+00	1.15E-07	5.85E-08	7.82E-03	1.97E-06	6.53E-01	0.00E+00	1.10E+01	7.81E-07	1.10E+01	1.17E+01	6.53E-01	0.00E+00	0.00E+00	0.00E+00	7.88E+01
VH60NKM	1.21E-02	3.57E+00	7.02E-02	3.20E+00	0.00E+00	0.00E+00	9.20E+00	1.91E-05	3.17E-03	3.04E-02	0.00E+00	-3.83E-03	2.03E-09	4.63E-08	9.63E-02	3.69E+00	4.48E-07	0.00E+00	1.00E+01	4.23E-02	2.32E+01	0.00E+00	2.01E-07	8.87E-08	6.94E-03	1.32E-06	1.80E+00	0.00E+00	2.32E+01	7.54E-06	2.32E+01	2.56E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	3.33E+02
VH60NN	3.41E-02	6.68E+00	2.51E-01	6.43E+00	0.00E+00	0.00E+00	5.44E+01	1.12E-04	1.14E-02	6.44E-02	0.00E+00	-3.46E-03	1.10E-08	1.76E-07	4.06E-01	1.33E+01	0.00E+00	0.00E+00	4.44E+01	4.66E-02	8.45E+01	0.00E+00	6.57E-07	2.93E-07	1.78E-02	1.85E-06	7.65E+00	0.00E+00	8.45E+01	2.19E-05	8.45E+01	9.22E+01	7.65E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+03
VH60NW	2.62E-02	6.07E+00	2.07E-01	5.86E+00	0.00E+00	0.00E+00	4.74E+01	1.02E-04	5.93E-03	5.87E-02	0.00E+00	-2.20E-03	9.62E-09	1.12E-07	3.55E-01	1.14E+01	0.00E+00	0.00E+00	3.93E+01	3.00E-02	7.76E+01	0.00E+00	6.01E-07	2.70E-07	1.62E-02	1.36E-06	6.71E+00	0.00E+00	7.76E+01	2.30E-05	7.76E+01	8.43E+01	6.71E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+03
VH60NWB	2.47E-02	5.86E+00	1.84E-01	5.60E+00	0.00E+00	0.00E+00	3.88E+01	8.59E-05	5.33E-03	5.38E-02	0.00E+00	-9.45E-04	7.60E-09	1.00E-07	3.35E-01	1.02E+01	4.79E-08	0.00E+00	3.38E+01	1.82E-02	7.24E+01	0.00E+00	5.78E-07	2.57E-07	1.50E-02	7.98E-07	5.83E+00	0.00E+00	7.24E+01	2.26E-05	7.24E+01	7.88E+01	5.83E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+03
VH60NWP	2.57E-02	5.97E+00	2.05E-01	5.79E+00	0.00E+00	0.00E+00	4.79E+01	1.02E-04	5.71E-03	5.84E-02	0.00E+00	-2.34E-03	8.99E-09	1.11E-07	3.65E-01	1.15E+01	4.79E-08	0.00E+00	3.90E+01	3.20E-02	7.75E+01	0.00E+00	6.00E-07	2.67E-07	1.58E-02	1.39E-06	6.69E+00	0.00E+00	7.75E+01	2.31E-05	7.75E+01	8.42E+01	6.69E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+03
VH60WWH	2.49E-02	5.74E+00	2.02E-01	5.69E+00	0.00E+00	0.00E+00	3.90E+01	8.77E-05	5.67E-03	5.54E-02	0.00E+00	-2.45E-03	8.76E-09	9.93E-08	3.36E-01	1.04E+01	4.79E-08	0.00E+00	3.50E+01	5.77E-02	7.38E+01	0.00E+00	5.82E-07	2.59E-07	1.55E-02	1.41E-06	5.94E+00	0.00E+00	7.38E+01	2.38E-05	7.38E+01	8.01E+01	5.94E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+03
VH60WWV	2.43E-02	5.76E+00	1.86E-01	5.59E+00	0.00E+00	0.00E+00	3.94E+01	8.62E-05	5.46E-03	5.41E-02	0.00E+00	-2.76E-03	7.73E-09	9.78E-08	3.13E-01	9.94E+00	1.06E-07	0.00E+00	3.39E+01	6.27E-02	6.88E+01	0.00E+00	5.34E-07	2.43E-07	1.54E-02	1.44E-06	5.79E+00	0.00E+00	6.88E+01	2.23E-05	6.88E+01	7.44E+01	5.79E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+03
VR108NE	2.11E-03	7.57E-01	9.68E-03	7.85E-01	0.00E+00	0.00E+00	1.29E+00	1.79E-06	5.56E-04	6.30E-03	0.00E+00	-1.28E-03	1.88E-10	3.39E-09	1.72E-02	5.54E-01	7.14E-07	0.00E+00	1.09E+00	2.02E-03	3.79E+00	0.00E+00	3.44E-08	1.60E-08	1.53E-03	1.34E-07	2.40E-01	0.00E+00	3.79E+00	8.26E-07	3.79E+00	3.93E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
VR108NH	2.16E-03	7.29E-01	2.02E-02	7.98E-01	0.00E+00	0.00E+00	1.28E+00	1.81E-06	5.72E-04	6.17E-03	0.00E+00	-1.70E-03	1.95E-10	3.56E-09	1.55E-02	5.53E-01	1.01E-07	0.00E+00	1.10E+00	2.80E-02	3.85E+00	0.00E+00	3.43E-08	1.60E-08	1.48E-03	5.71E-07	2.40E-01	0.00E+00	3.85E+00	8.49E-07	3.85E+00	3.98E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
VR108NP	2.99E-03	8.82E-01	1.21E-02	8.34E-01	0.00E+00	0.00E+00	1.65E+00	2.90E-06	1.07E-03	6.89E-03	0.00E+00	-9.82E-06	3.35E-10	9.02E-09	2.47E-02	7.13E-01	5.30E-09	0.00E+00	1.45E+00	2.65E-04	4.60E+00	0.00E+00	4.19E-08	1.84E-08	1.86E-03	6.76E-08	3.26E-01	0.00E+00	4.60E+00	1.09E-06	4.60E+00	5.01E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	4.33E+01
VR108PP	3.09E-03	5.49E-01	1.37E-02	5.35E-01	0.00E+00	0.00E+00	2.21E+00	4.99E-06	1.05E-03	5.83E-03	0.00E+00	2.01E-19	3.97E-10	1.10E-08	3.82E-02	1.02E+00	0.00E+00	0.00E+00	2.48E+00	9.29E-05	7.86E+00	0.00E+00	6.50E-08	2.63E-08	1.67E-03	6.62E-08	4.87E-01	0.00E+00	7.86E+00	2.41E-06	7.86E+00	8.35E+00	4.87E-01	0.00E+00	0.00E+00	0.00E+00	7.47E+01
VR108TD	3.33E-03	7.56E-01	1.40E-02	7.30E-01	0.00E+00	0.00E+00	1.92E+00	3.64E-06	1.06E-03	6.48E-03	0.00E+00	-9.06E-06	3.06E-10	9.92E-09	2.81E-02	8.59E-01	6.83E-07	0.00E+00	1.92E+00	2.25E-04	6.20E+00	0.00E+00	5.29E-08	2.44E-08	1.79E-03	6.13E-08	3.91E-01	0.00E+00	6.20E+00	1.73E-06	6.20E+00	6.52E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	6.34E+01
VR108TF	3.13E-03	7.59E-01	1.11E-02	7.53E-01	0.00E+00	0.00E+00	1.68E+00	3.56E-06	9.70E-04	6.71E-03	0.00E+00	-9.06E-06	3.21E-10	5.96E-09	2.69E-02	7.24E-01	5.30E-09	0.00E+00	1.56E+00	2.45E-04	5.33E+00	0.00E+00	4.30E-08	2.10E-08	1.77E-03	6.27E-08	2.97E-01	0.00E+00	5.33E+00	1.82E-06	5.33E+00	5.61E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	5.75E+01
VR108TP	3.44E-03	7.96E-01	1.40E-02	8.26E-01	0.00E+00	0.00E+00	1.97E+00	4.08E-06	1.05E-03	7.84E-03	0.00E+00	-9.82E-06	3.56E-10	9.80E-09	3.17E-02	8.80E-01	5.30E-09	0.00E+00	2.10E+00	2.65E-04	6.63E+00	0.00E+00	5.67E-08	2.46E-08	1.92E-03	6.50E-08	4.19E-01	0.00E+00	6.63E+00	1.84E-06	6.63E+00	7.03E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
VR112NE	3.33E-03	1.39E+00	1.12E-02	1.38E+00	0.00E+00	0.00E+00	1.74E+00	1.87E-06	9.30E-04	1.11E-02	0.00E+00	2.12E-19	3.68E-10	4.36E-09	1.85E-02	7.10E-01	0.00E+00	0.00E+00	1.34E+00	9.71E-05	4.25E+00	0.00E+00	4.15E-08	2.07E-08	2.53E-03	6.91E-08	2.99E-01	0.00E+00	4.25E+00	5.90E-07	4.25E+00	4.55E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00	4.40E+01
VR112NH	2.56E-03	9.61E-01	2.06E-02	8.59E-01	0.00E+00	0.00E+00	1.38E+00	1.85E-06	6.85E-04	6.99E-03	0.00E+00	-2.94E-03	2.39E-10	3.90E-09	1.73E-02	5.99E-01	9.13E-07	0.00E+00	1.16E+00	2.98E-02	4.08E+00	0.00E+00	3.49E-08	1.72E-08	1.75E-03	6.39E-07	2.51E-01	0.00E+00	4.08E+00	7.77E-07	4.08E+00	4.21E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	3.71E+01
VR112PD	3.59E-03	8.42E-01	1.56E-02	8.60E-01	0.00E+00	0.00E+00	2.46E+00	5.61E-06	1.07E-03	8.14E-03	0.00E+00	-1.56E-05	4.33E-10	1.05E-08	4.21E-02	1.15E+00	5.30E-09	0.00E+00	2.79E+00	1.82E-04	9.11E+00	0.00E+00	7.50E-08	3.17E-08	2.21E-03	7.57E-08	5.33E-01	0.00E+00	9.11E+00	2.85E-06	9.11E+00	9.75E+00	5.33E-01	0.00E+00	0.00E+00	0.00E+00	8.55E+01
VR112PP	3.77E-03	6.91E-01	1.73E-02	6.74E-01	0.00E+00	0.00E+00	2.80E+00	6.45E-06	1.19E-03	7.40E-03	0.00E+00	2.58E-19	5.00E-10	1.23E-08	4.95E-02	1.29E+00	0.00E+00	0.00E+00	3.17E+00	1.19E-04	1.02E+01	0.00E+00	8.39E-08	3.38E-08	2.12E-03	8.49E-08	6.23E-01	0.00E+00	1.02E+01	3.18E-06	1.02E+01	1.08E+01	6.23E-01	0.00E+00	0.00E+00	0.00E+00	9.49E+01
VR112TD	3.67E-03	8.50E-01	1.68E-02	8.58E-01	0.00E+00	0.00E+00	2.54E+00	5.17E-06	1.08E-03	8.62E-03	0.00E+00	-1.92E-05	4.55E-10	1.05E-08	3.97E-02	1.20E+00	7.63E-07	0.00E+00	2.87E+00	2.70E-04	9.25E+00	0.00E+00	7.53E-08	3.22E-08	2.26E-03	6.90E-08	5.53E-01	0.00E+00	9.25E+00	2.56E-06	9.25E+00	9.76E+00	5.53E-01	0.00E+00	0.00E+00	0.00E+00	9.01E+01
VR112TP	3.59E-03	8.40E-01	1.57E-02	8.59E-01	0.00E+00	0.00E+00	2.51E+00	5.69E-06	1.07E-03	8.13E-03	0.00E+00	-1.92E-05	4.40E-10	1.05E-08	4.21E-02	1.20E+00	5.30E-09	0.00E+00	2.84E+00	2.91E-04	9.17E+00	0.00E+00	7.52E-08	3.22E-08	2.21E-03	7.57E-08	5.46E-01	0.00E+00	9.17E+00	2.85E-06	9.17E+00	9.76E+00	5.46E-01	0.00E+00	0.00E+00	0.00E+00	8.70E+01
VR118NE	4.38E-03	1.80E+00	1.52E-02	1.78E+00	0.00E+00	0.00E+00	2.48E+00	2.88E-06	1.21E-03	1.44E-02	0.00E+00	2.82E-19	5.13E-10	6.11E-09	2.51E-02	9.55E-01	0.00E+00	0.00E+00	1.88E+00	1.28E-04	5.72E+00	0.00E+00	5.52E-08	2.74E-08	3.30E-03	9.12E-08	4.11E-01	0.00E+00	5.72E+00	8.16E-07	5.72E+00	6.13E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
VR118NH	3.56E-03	1.51E+00	2.10E-02	1.28E+00	0.00E+00	0.00E+00	2.03E+00	3.02E-06	1.17E-03	1.17E-02	0.00E+00	-2.95E-03	3.90E-10	6.18E-09	2.48E-02	8.90E-01	9.93E-07	0.00E+00	1.78E+00	2.98E-02	5.92E+00	0.00E+00	5.46E-08	2.50E-08	2.67E-03	6.40E-07	3.82E-01	0.00E+00	5.92E+00	1.37E-06	5.92E+00	6.13E+00	3.82E-01	0.00E+00	0.00E+00	0.00E+00	5.91E+01
VR118NP	4.96E-03	1.60E+00	1.85E-02	1.42E+00	0.00E+00	0.00E+00	2.86E+00	4.37E-06	1.37E-03	1.24E-02	0.00E+00	-3.43E-05	5.29E-10	1.06E-08	3.16E-02	1.20E+00	5.30E-09	0.00E+00	2.42E+00	4.69E-04	7.74E+00	0.00E+00	7.00E-08	3.35E-08	3.37E-03	9.25E-08	5.11E-01	0.00E+00	7.74E+00	1.78E-06	7.74E+00	8.45E+00	5.11E-01	0.00E+00	0.00E+00	0.00E+00	7.69E+01
VR118PD	5.02E-03	1.55E+00	1.84E-02	1.36E+00	0.00E+00	0.00E+00	2.89E+00	6.50E-06	1.38E-03	1.21E-02	0.00E+00	-4.21E-05	5.65E-10	9.66E-09	3.86E-02	1.35E+00	5.30E-09	0.00E+00	3.15E+00	5.44E-04	1.06E+01	0.00E+00	8.54E-08	3.78E-08	3.35E-03	1.05E-07	6.09E-01	0.00E+00	1.06E+01	2.58E-06	1.06E+01	1.12E+01	6.09E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
VR118PP	5.55E-03	9.44E-01	2.57E-02	9.19E-01	0.00E+00	0.00E+00	4.49E+00	1.01E-05	1.88E-03	1.01E-02	0.00E+00	3.64E-19	7.92E-10	2.10E-08	6.86E-02	1.87E+00	0.00E+00	0.00E+00	4.74E+00	1.65E-04	1.42E+01	0.00E+00	1.16E-07	4.75E-08	2.93E-03	1.18E-07	9.15E-01	0.00E+00	1.42E+01	4.36E-06	1.42E+01	1.51E+01	9.15E-01	0.00E+00	0.00E+00	0.00E+00	1.46E+02
VR118TP	5.23E-03	1.44E+00	2.13E-02	1.22E+00	0.00E+00	0.00E+00	4.14E+00	9.38E-06	1.52E-03	1.12E-02	0.00E+00	-9.96E-05	7.63E-10	1.87E-08	6.22E-02	1.73E+00	5.30E-09	0.00E+00	4.52E+00	7.82E-04	1.32E+01	0.00E+00	1.09E-07	4.45E-08	3.04E-03	1.18E-07	8.69E-01	0.00E+00	1.32E+01	3.93E-06	1.32E+01	1.40E+01	8.69E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
VR212NE	4.88E-03	2.33E+00	2.14E-02	2.30E+00	0.00E+00	0.00E+00	3.76E+00	4.90E-06	1.57E-03	1.87E-02	0.00E+00	3.82E-19	7.54E-10	9.11E-09	3.53E-02	1.32E+00	0.00E+00	0.00E+00	2.81E+00	1.71E-04	7.97E+00	0.00E+00	7.53E-08	3.71E-08	4.30E-03	1.22E-07	5.94E-01	0.00E+00	7.97E+00	1.20E-06	7.97E+00	8.56E+00	5.94E-01	0.00E+00	0.00E+00	0.00E+00	9.37E+01
VR212NE1	1.50E-03	4.49E-01	7.60E-03	5.13E-01	0.00E+00	0.00E+00	6.68E-01	8.27E-07	3.08E-04	3.98E-03	0.00E+00	-1.63E-03	1.24E-10	2.06E-09	1.59E-02	4.20E-01	3.78E-07	0.00E+00	8.04E-01	7.65E-03	3.28E+00	0.00E+00	2.67E-08	1.17E-08	1.03E-03	3.87E-07	1.81E-01	0.00E+00	3.28E+00	5.90E-07	3.28E+00	3.46E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	2.24E+01
VR212NE2	3.27E-04	7.94E-02	2.57E-03	1.05E-01	0.00E+00	0.00E+00	2.24E-01	5.73E-07	9.30E-05	6.84E-04	0.00E+00	-1.27E-03	9.27E-11	8.04E-10	4.38E-03	1.11E-01	4.14E-07	0.00E+00	2.68E-01	1.88E-03	9.85E-01	0.00E+00	9.05E-09	3.27E-09	2.42E-04	1.05E-07	5.80E-02	0.00E+00	9.85E-01	8.84E-08	9.85E-01	1.06E+00	5.80E-02	0.00E+00	0.00E+00	0.00E+00	7.01E+00
VR212NE3	1.06E-03	2.81E-01	1.67E-02	2.47E-01	0.00E+00	0.00E+00	5.51E-01	1.03E-06	3.25E-04	2.47E-03	0.00E+00	-1.64E-03	1.28E-10	1.89E-09	1.54E-02	3.56E-01	7.45E-07	0.00E+00	7.47E-01	9.08E-03	3.04E+00	0.00E+00	2.55E-08	9.81E-09	7.35E-04	4.48E-07	1.63E-01	0.00E+00	3.04E+00	5.53E-07	3.04E+00	3.22E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	1.86E+01
VR212NEB	5.61E-03	2.29E+00	1.97E-02	2.27E+00	0.00E+00	0.00E+00	3.25E+00	3.87E-06	1.54E-03	1.83E-02	0.00E+00	3.62E-19	6.68E-10	7.98E-09	3.26E-02	1.23E+00	0.00E+00	0.00E+00	2.46E+00	1.64E-04	7.41E+00	0.00E+00	7.12E-08	3.52E-08	4.21E-03	1.17E-07	5.35E-01	0.00E+00	7.41E+00	1.07E-06	7.41E+00	7.94E+00	5.35E-01	0.00E+00	0.00E+00	0.00E+00	8.15E+01
VR212NH	4.60E-03	1.89E+00	2.15E-02	1.77E+00	0.00E+00	0.00E+00	2.39E+00	3.89E-06	1.31E-03	1.71E-02	0.00E+00	-1.69E-03	5.23E-10	6.83E-09	2.82E-02	1.11E+00	1.48E-08	0.00E+00	2.09E+00	2.62E-02	6.97E+00	0.00E+00	6.66E-08	3.25E-08	3.66E-03	5.52E-07	4.61E-01	0.00E+00	6.97E+00	1.69E-06	6.97E+00	7.70E+00	4.61E-01	0.00E+00	0.00E+00	0.00E+00	6.89E+01
VR212NH1	1.51E-03	4.51E-01	7.60E-03	5.13E-01	0.00E+00	0.00E+00	6.68E-01	8.21E-07	3.08E-04	3.98E-03	0.00E+00	-1.63E-03	1.24E-10	2.06E-09	1.59E-02	4.24E-01	3.78E-07	0.00E+00	8.06E-01	7.65E-03	3.28E+00	0.00E+00	2.67E-08	1.18E-08	1.03E-03	3.87E-07	1.82E-01	0.00E+00	3.28E+00	5.90E-07	3.28E+00	3.46E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	2.24E+01
VR212PD	5.96E-03	2.01E+00	2.58E-02	1.49E+00	0.00E+00	0.00E+00	4.31E+00	6.61E-06	1.95E-03	1.45E-02	0.00E+00	-6.87E-05	9.56E-10	1.72E-08	7.36E-02	1.85E+00	9.10E-07	0.00E+00	4.56E+00	1.38E-03	1.39E+01	0.00E+00	1.28E-07	5.31E-08	4.09E-03	1.83E-07	9.02E-01	0.00E+00	1.39E+01	3.34E-06	1.39E+01	1.50E+01	9.02E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
VR212PDM	5.93E-03	1.67E+00	2.74E-02	1.50E+00	0.00E+00	0.00E+00	3.42E+00	5.27E-06	1.93E-03	1.51E-02	0.00E+00	-5.02E-05	7.45E-10	7.74E-09	4.63E-02	1.63E+00	5.30E-09	0.00E+00	3.38E+00	1.44E-03	1.05E+01	0.00E+00	9.67E-08	4.48E-08	3.96E-03	1.56E-07	7.15E-01	0.00E+00	1.05E+01	3.49E-06	1.05E+01	1.07E+01	7.15E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
VR212PP	5.96E-03	1.14E+00	3.01E-02	1.11E+00	0.00E+00	0.00E+00	4.84E+00	1.02E-05	1.83E-03	1.23E-02	0.00E+00	4.60E-19	8.85E-10	1.92E-08	8.99E-02	2.16E+00	0.00E+00	0.00E+00	5.38E+00	2.11E-04	1.73E+01	0.00E+00	1.43E-07	5.50E-08	3.48E-03	1.50E-07	1.07E+00	0.00E+00	1.73E+01	4.93E-06	1.73E+01	1.84E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+02
VR212PPC	5.96E-03	1.71E+00	2.56E-02	1.35E+00	0.00E+00	0.00E+00	4.29E+00	7.18E-06	1.93E-03	1.34E-02	0.00E+00	-4.27E-05	7.68E-10	1.71E-08	4.70E-02	1.70E+00	5.30E-09	0.00E+00	3.96E+00	8.73E-04	1.09E+01	0.00E+00	1.00E-07	4.53E-08	3.89E-03	1.67E-07	7.98E-01	0.00E+00	1.09E+01	3.67E-06	1.09E+01	1.17E+01	7.98E-01	0.00E+00	0.00E+00	0.00E+00	1.20E+02
VR212PPH	6.02E-03	1.83E+00	2.79E-02	1.45E+00	0.00E+00	0.00E+00	3.96E+00	6.20E-06	2.03E-03	1.51E-02	0.00E+00	-1.71E-03	7.58E-10	1.74E-08	4.54E-02	1.67E+00	1.48E-08	0.00E+00	3.59E+00	2.68E-02	1.04E+01	0.00E+00	9.95E-08	4.55E-08	4.21E-03	5.80E-07	7.44E-01	0.00E+00	1.04E+01	3.77E-06	1.04E+01	1.13E+01	7.44E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+02
VR212TD	6.46E-03	1.99E+00	2.79E-02	1.48E+00	0.00E+00	0.00E+00	4.50E+00	9.24E-06	2.13E-03	1.51E-02	0.00E+00	-1.38E-04	8.28E-10	1.87E-08	7.53E-02	1.98E+00	5.30E-09	0.00E+00	4.55E+00	1.87E-03	1.52E+01	0.00E+00	1.34E-07	5.62E-08	4.17E-03	1.77E-07	9.39E-01	0.00E+00	1.52E+01	4.77E-06	1.52E+01	1.66E+01	9.39E-01	0.00E+00	0.00E+00	0.00E+00	1.42E+02
VR212TF	6.56E-03	1.95E+00	2.70E-02	1.44E+00	0.00E+00	0.00E+00	4.37E+00	8.90E-06	2.02E-03	1.46E-02	0.00E+00	-1.05E-04	8.40E-10	1.83E-08	6.34E-02	1.90E+00	5.30E-09	0.00E+00	4.45E+00	1.59E-03	1.42E+01	0.00E+00	1.21E-07	5.35E-08	4.09E-03	1.63E-07	8.75E-01	0.00E+00	1.42E+01	4.67E-06	1.42E+01	1.50E+01	8.75E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
VS104PD	2.12E-03	7.01E-01	8.28E-03	6.92E-01	0.00E+00	0.00E+00	9.68E-01	1.56E-06	6.24E-04	6.13E-03	0.00E+00	-2.02E-05	2.16E-10	3.22E-09	2.47E-02	6.17E-01	5.30E-09	0.00E+00	1.21E+00	6.57E-04	4.83E+00	0.00E+00	4.21E-08	1.76E-08	1.65E-03	5.75E-08	2.69E-01	0.00E+00	4.83E+00	1.41E-06	4.83E+00	5.12E+00	2.69E-01	0.00E+00	0.00E+00	0.00E+00	3.22E+01
VS104PE	1.94E-03	6.72E-01	7.94E-03	6.64E-01	0.00E+00	0.00E+00	8.60E-01	1.41E-06	5.54E-04	6.08E-03	0.00E+00	1.51E-19	1.86E-10	2.61E-09	2.41E-02	5.96E-01	0.00E+00	0.00E+00	1.17E+00	7.28E-05	4.82E+00	0.00E+00	4.26E-08	1.73E-08	1.52E-03	5.19E-08	2.60E-01	0.00E+00	4.82E+00	1.27E-06	4.82E+00	5.08E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	3.07E+01
VS104PEB	1.80E-03	6.32E-01	7.39E-03	6.25E-01	0.00E+00	0.00E+00	7.63E-01	1.27E-06	4.91E-04	5.75E-03	0.00E+00	1.43E-19	1.67E-10	1.99E-09	2.33E-02	5.61E-01	0.00E+00	0.00E+00	1.09E+00	6.93E-05	4.63E+00	0.00E+00	4.09E-08	1.65E-08	1.44E-03	4.93E-08	2.45E-01	0.00E+00	4.63E+00	1.24E-06	4.63E+00	4.87E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	2.80E+01
VS104PF	2.13E-03	6.96E-01	8.28E-03	6.92E-01	0.00E+00	0.00E+00	9.79E-01	1.56E-06	5.49E-04	6.13E-03	0.00E+00	-1.63E-05	2.10E-10	3.21E-09	2.47E-02	6.18E-01	5.30E-09	0.00E+00	1.21E+00	6.58E-04	4.83E+00	0.00E+00	4.20E-08	1.77E-08	1.63E-03	5.75E-08	2.69E-01	0.00E+00	4.83E+00	1.41E-06	4.83E+00	5.11E+00	2.69E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
VS104PJ	1.91E-03	6.78E-01	8.50E-03	6.78E-01	0.00E+00	0.00E+00	8.61E-01	1.54E-06	5.03E-04	5.99E-03	0.00E+00	-1.63E-05	1.83E-10	2.83E-09	2.31E-02	5.74E-01	5.30E-09	0.00E+00	1.16E+00	3.45E-04	4.77E+00	0.00E+00	4.09E-08	1.66E-08	1.49E-03	5.71E-08	2.54E-01	0.00E+00	4.77E+00	1.30E-06	4.77E+00	4.96E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	3.13E+01
VS104PP	2.02E-03	6.78E-01	8.26E-03	6.69E-01	0.00E+00	0.00E+00	9.36E-01	1.56E-06	5.95E-04	6.13E-03	0.00E+00	1.54E-19	1.99E-10	3.17E-09	2.45E-02	6.15E-01	0.00E+00	0.00E+00	1.23E+00	7.39E-05	4.90E+00	0.00E+00	4.33E-08	1.77E-08	1.54E-03	5.26E-08	2.70E-01	0.00E+00	4.90E+00	1.29E-06	4.90E+00	5.17E+00	2.70E-01	0.00E+00	0.00E+00	0.00E+00	3.27E+01
VS104PR	2.53E-03	6.73E-01	1.29E-02	5.79E-01	0.00E+00	0.00E+00	1.23E+00	3.36E-06	6.66E-04	6.05E-03	0.00E+00	-1.12E-03	2.36E-10	4.40E-09	2.35E-02	7.02E-01	5.30E-09	0.00E+00	1.47E+00	1.57E-02	5.33E+00	0.00E+00	4.44E-08	2.09E-08	1.78E-03	4.93E-07	2.90E-01	0.00E+00	5.33E+00	1.82E-06	5.33E+00	5.56E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	5.30E+01
VS104PY	1.52E-03	4.39E-01	8.41E-03	4.20E-01	0.00E+00	0.00E+00	7.91E-01	1.56E-06	4.71E-04	4.68E-03	0.00E+00	-1.46E-03	1.28E-10	2.86E-09	2.11E-02	5.03E-01	7.37E-07	0.00E+00	1.09E+00	1.06E-02	4.43E+00	0.00E+00	3.63E-08	1.43E-08	1.22E-03	1.35E-07	2.34E-01	0.00E+00	4.43E+00	1.23E-06	4.43E+00	4.67E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	2.91E+01
VS104TD	2.38E-03	6.22E-01	9.04E-03	5.46E-01	0.00E+00	0.00E+00	1.06E+00	2.77E-06	5.16E-04	5.97E-03	0.00E+00	-4.74E-04	1.60E-10	3.27E-09	2.31E-02	6.46E-01	7.37E-07	0.00E+00	1.47E+00	3.11E-03	5.32E+00	0.00E+00	4.18E-08	2.04E-08	1.50E-03	1.28E-07	2.79E-01	0.00E+00	5.32E+00	1.76E-06	5.32E+00	5.60E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	5.09E+01
VS104TE	2.51E-03	6.39E-01	8.67E-03	5.80E-01	0.00E+00	0.00E+00	1.17E+00	3.25E-06	6.22E-04	6.26E-03	0.00E+00	-1.73E-05	2.28E-10	3.27E-09	2.52E-02	6.89E-01	5.30E-09	0.00E+00	1.51E+00	5.77E-04	5.46E+00	0.00E+00	4.40E-08	2.06E-08	1.64E-03	5.69E-08	2.95E-01	0.00E+00	5.46E+00	1.97E-06	5.46E+00	5.79E+00	2.95E-01	0.00E+00	0.00E+00	0.00E+00	5.32E+01
VS104TF	2.44E-03	6.39E-01	8.92E-03	5.71E-01	0.00E+00	0.00E+00	1.06E+00	3.07E-06	5.43E-04	6.16E-03	0.00E+00	-2.88E-05	2.01E-10	3.17E-09	2.48E-02	6.59E-01	5.30E-09	0.00E+00	1.48E+00	8.45E-04	5.40E+00	0.00E+00	4.40E-08	2.04E-08	1.56E-03	5.78E-08	2.84E-01	0.00E+00	5.40E+00	1.79E-06	5.40E+00	5.74E+00	2.84E-01	0.00E+00	0.00E+00	0.00E+00	5.16E+01
VS104TJ	2.23E-03	6.27E-01	8.99E-03	5.54E-01	0.00E+00	0.00E+00	9.96E-01	3.04E-06	5.01E-04	6.14E-03	0.00E+00	-2.88E-05	1.84E-10	2.99E-09	2.39E-02	6.38E-01	5.30E-09	0.00E+00	1.46E+00	5.32E-04	5.34E+00	0.00E+00	4.28E-08	2.01E-08	1.49E-03	5.73E-08	2.75E-01	0.00E+00	5.34E+00	1.78E-06	5.34E+00	5.59E+00	2.75E-01	0.00E+00	0.00E+00	0.00E+00	5.15E+01
VS104TM	2.53E-03	6.46E-01	8.78E-03	5.84E-01	0.00E+00	0.00E+00	1.19E+00	3.36E-06	6.24E-04	6.28E-03	0.00E+00	-3.27E-05	2.33E-10	3.44E-09	2.55E-02	6.93E-01	5.30E-09	0.00E+00	1.54E+00	8.44E-04	5.49E+00	0.00E+00	4.41E-08	2.07E-08	1.69E-03	5.76E-08	2.97E-01	0.00E+00	5.49E+00	1.99E-06	5.49E+00	5.85E+00	2.97E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
VS104TR	2.36E-03	6.05E-01	1.16E-02	5.37E-01	0.00E+00	0.00E+00	1.05E+00	2.86E-06	4.92E-04	5.75E-03	0.00E+00	-1.10E-03	1.66E-10	3.52E-09	2.14E-02	6.41E-01	7.37E-07	0.00E+00	1.41E+00	1.60E-02	5.18E+00	0.00E+00	4.20E-08	2.06E-08	1.49E-03	4.90E-07	2.70E-01	0.00E+00	5.18E+00	1.73E-06	5.18E+00	5.34E+00	2.70E-01	0.00E+00	0.00E+00	0.00E+00	5.02E+01
VS108PD	2.73E-03	8.71E-01	1.35E-02	8.32E-01	0.00E+00	0.00E+00	1.37E+00	2.14E-06	7.74E-04	8.07E-03	0.00E+00	-1.64E-04	2.88E-10	4.53E-09	2.79E-02	8.29E-01	5.30E-09	0.00E+00	1.65E+00	3.30E-03	6.24E+00	0.00E+00	5.38E-08	2.34E-08	2.08E-03	1.43E-07	3.66E-01	0.00E+00	6.24E+00	1.82E-06	6.24E+00	6.59E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	4.53E+01
VS108PE	2.56E-03	8.84E-01	1.04E-02	8.73E-01	0.00E+00	0.00E+00	1.14E+00	1.86E-06	7.40E-04	7.97E-03	0.00E+00	1.98E-19	2.47E-10	3.60E-09	3.13E-02	7.80E-01	0.00E+00	0.00E+00	1.53E+00	9.52E-05	6.26E+00	0.00E+00	5.55E-08	2.26E-08	1.99E-03	6.78E-08	3.40E-01	0.00E+00	6.26E+00	1.64E-06	6.26E+00	6.60E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	4.04E+01
VS108PEB	2.33E-03	8.22E-01	9.54E-03	8.12E-01	0.00E+00	0.00E+00	9.83E-01	1.61E-06	6.37E-04	7.46E-03	0.00E+00	1.85E-19	2.15E-10	2.57E-09	3.00E-02	7.23E-01	0.00E+00	0.00E+00	1.40E+00	8.95E-05	5.95E+00	0.00E+00	5.27E-08	2.13E-08	1.87E-03	6.38E-08	3.15E-01	0.00E+00	5.95E+00	1.59E-06	5.95E+00	6.27E+00	3.15E-01	0.00E+00	0.00E+00	0.00E+00	3.60E+01
VS108PF	2.62E-03	8.89E-01	1.29E-02	8.68E-01	0.00E+00	0.00E+00	1.31E+00	2.05E-06	7.67E-04	7.94E-03	0.00E+00	-1.43E-04	2.91E-10	4.36E-09	2.88E-02	7.58E-01	5.30E-09	0.00E+00	1.53E+00	2.62E-03	5.82E+00	0.00E+00	5.05E-08	2.21E-08	2.07E-03	1.48E-07	3.35E-01	0.00E+00	5.82E+00	1.77E-06	5.82E+00	6.24E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	4.32E+01
VS108PJ	2.70E-03	8.75E-01	1.31E-02	8.64E-01	0.00E+00	0.00E+00	1.38E+00	2.13E-06	7.68E-04	7.92E-03	0.00E+00	-1.43E-04	2.95E-10	4.49E-09	3.03E-02	8.35E-01	5.30E-09	0.00E+00	1.65E+00	2.61E-03	6.28E+00	0.00E+00	5.45E-08	2.37E-08	2.08E-03	1.48E-07	3.67E-01	0.00E+00	6.28E+00	1.89E-06	6.28E+00	6.68E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
VS108PM	2.70E-03	8.69E-01	1.26E-02	8.54E-01	0.00E+00	0.00E+00	1.34E+00	2.27E-06	7.65E-04	7.45E-03	0.00E+00	-1.41E-04	2.78E-10	4.49E-09	3.17E-02	8.77E-01	5.30E-09	0.00E+00	1.71E+00	2.53E-03	6.42E+00	0.00E+00	5.64E-08	2.43E-08	2.03E-03	1.48E-07	3.78E-01	0.00E+00	6.42E+00	2.08E-06	6.42E+00	6.80E+00	3.78E-01	0.00E+00	0.00E+00	0.00E+00	4.79E+01
VS108PP	2.68E-03	8.93E-01	1.10E-02	8.82E-01	0.00E+00	0.00E+00	1.27E+00	2.10E-06	8.08E-04	8.07E-03	0.00E+00	2.03E-19	2.69E-10	4.54E-09	3.20E-02	8.12E-01	0.00E+00	0.00E+00	1.63E+00	9.70E-05	6.41E+00	0.00E+00	5.66E-08	2.32E-08	2.02E-03	6.91E-08	3.57E-01	0.00E+00	6.41E+00	1.66E-06	6.41E+00	6.76E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	4.39E+01
VS108PR	3.06E-03	8.28E-01	2.42E-02	7.68E-01	0.00E+00	0.00E+00	1.91E+00	4.85E-06	7.46E-04	7.67E-03	0.00E+00	-1.28E-03	3.35E-10	6.38E-09	3.27E-02	1.09E+00	8.65E-07	0.00E+00	2.55E+00	2.05E-02	8.08E+00	0.00E+00	6.96E-08	3.19E-08	2.21E-03	6.89E-07	5.00E-01	0.00E+00	8.08E+00	2.69E-06	8.08E+00	8.47E+00	5.00E-01	0.00E+00	0.00E+00	0.00E+00	8.17E+01
VS108PT	5.68E-03	9.90E-01	1.86E-02	9.72E-01	0.00E+00	0.00E+00	2.62E+00	4.39E-06	2.86E-03	9.21E-03	0.00E+00	2.42E-19	5.23E-10	2.88E-08	3.92E-02	1.34E+00	0.00E+00	0.00E+00	2.82E+00	1.15E-04	8.06E+00	0.00E+00	7.09E-08	3.13E-08	2.47E-03	8.20E-08	5.70E-01	0.00E+00	8.06E+00	1.76E-06	8.06E+00	8.63E+00	5.70E-01	0.00E+00	0.00E+00	0.00E+00	8.84E+01
VS108PY	2.76E-03	8.81E-01	1.30E-02	8.64E-01	0.00E+00	0.00E+00	1.36E+00	2.22E-06	7.59E-04	8.02E-03	0.00E+00	-4.15E-04	2.93E-10	4.43E-09	3.00E-02	8.33E-01	5.30E-09	0.00E+00	1.65E+00	5.79E-03	6.24E+00	0.00E+00	5.46E-08	2.37E-08	2.07E-03	1.69E-07	3.64E-01	0.00E+00	6.24E+00	1.90E-06	6.24E+00	6.61E+00	3.64E-01	0.00E+00	0.00E+00	0.00E+00	4.56E+01
VS108TA	2.99E-03	7.72E-01	1.46E-02	7.90E-01	0.00E+00	0.00E+00	1.81E+00	5.70E-06	7.29E-04	7.30E-03	0.00E+00	-2.07E-04	3.19E-10	4.73E-09	3.76E-02	1.09E+00	5.30E-09	0.00E+00	2.71E+00	3.26E-03	8.87E+00	0.00E+00	7.45E-08	3.19E-08	2.03E-03	1.64E-07	5.06E-01	0.00E+00	8.87E+00	2.83E-06	8.87E+00	9.45E+00	5.06E-01	0.00E+00	0.00E+00	0.00E+00	8.50E+01

VS108TD	2.97E-03	7.82E-01	1.37E-02	7.80E-01	0.00E+00	0.00E+00	1.69E+00	5.24E-06	7.28E-04	7.42E-03	0.00E+00	-2.09E-04	3.10E-10	4.71E-09	3.44E-02	1.00E+00	5.30E-09	0.00E+00	2.48E+00	3.38E-03	8.18E+00	0.00E+00	6.92E-08	2.99E-08	2.03E-03	1.63E-07	4.69E-01	0.00E+00	8.18E+00	2.74E-06	8.18E+00	8.81E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	7.77E+01
VS108TE	2.98E-03	7.83E-01	1.26E-02	7.80E-01	0.00E+00	0.00E+00	1.67E+00	5.24E-06	7.08E-04	7.38E-03	0.00E+00	-5.41E-05	2.96E-10	4.57E-09	3.41E-02	9.99E-01	5.30E-09	0.00E+00	2.48E+00	8.26E-04	8.06E+00	0.00E+00	6.89E-08	2.98E-08	2.02E-03	6.42E-08	4.65E-01	0.00E+00	8.06E+00	2.92E-06	8.06E+00	8.63E+00	4.65E-01	0.00E+00	0.00E+00	0.00E+00	7.82E+01
VS108TF	2.93E-03	7.82E-01	1.40E-02	7.44E-01	0.00E+00	0.00E+00	1.56E+00	4.60E-06	7.23E-04	7.44E-03	0.00E+00	-2.09E-04	2.95E-10	4.39E-09	2.74E-02	8.35E-01	5.30E-09	0.00E+00	2.04E+00	3.62E-03	6.83E+00	0.00E+00	5.70E-08	2.58E-08	2.01E-03	1.63E-07	3.96E-01	0.00E+00	6.83E+00	2.31E-06	6.83E+00	7.23E+00	3.96E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
VS108TJ	3.00E-03	7.69E-01	1.49E-02	7.89E-01	0.00E+00	0.00E+00	1.82E+00	5.69E-06	7.32E-04	7.37E-03	0.00E+00	-2.07E-04	3.18E-10	4.79E-09	3.77E-02	1.09E+00	5.30E-09	0.00E+00	2.72E+00	3.26E-03	8.92E+00	0.00E+00	7.46E-08	3.20E-08	2.03E-03	1.66E-07	5.07E-01	0.00E+00	8.92E+00	2.83E-06	8.92E+00	9.50E+00	5.07E-01	0.00E+00	0.00E+00	0.00E+00	8.53E+01
VS108TM	2.98E-03	7.81E-01	1.37E-02	7.76E-01	0.00E+00	0.00E+00	1.71E+00	5.25E-06	7.28E-04	7.42E-03	0.00E+00	-2.09E-04	3.16E-10	4.73E-09	3.44E-02	1.00E+00	5.30E-09	0.00E+00	2.48E+00	3.38E-03	8.18E+00	0.00E+00	6.92E-08	2.99E-08	2.03E-03	1.63E-07	4.70E-01	0.00E+00	8.18E+00	2.74E-06	8.18E+00	8.81E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	7.77E+01
VS108TP	2.95E-03	7.84E-01	1.35E-02	7.85E-01	0.00E+00	0.00E+00	1.67E+00	5.24E-06	7.30E-04	7.28E-03	0.00E+00	-2.07E-04	2.97E-10	4.64E-09	3.43E-02	9.71E-01	5.30E-09	0.00E+00	2.47E+00	3.28E-03	8.06E+00	0.00E+00	6.88E-08	2.97E-08	2.03E-03	1.64E-07	4.58E-01	0.00E+00	8.06E+00	2.79E-06	8.06E+00	8.64E+00	4.58E-01	0.00E+00	0.00E+00	0.00E+00	7.81E+01
VS108TR	3.06E-03	8.26E-01	2.39E-02	7.98E-01	0.00E+00	0.00E+00	1.88E+00	5.32E-06	7.37E-04	7.54E-03	0.00E+00	-1.31E-03	3.32E-10	6.20E-09	3.47E-02	1.09E+00	7.91E-09	0.00E+00	2.55E+00	2.00E-02	8.18E+00	0.00E+00	6.99E-08	3.18E-08	2.20E-03	6.91E-07	5.02E-01	0.00E+00	8.18E+00	2.86E-06	8.18E+00	8.73E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	8.00E+01
VS108TS	3.12E-03	8.29E-01	2.49E-02	7.70E-01	0.00E+00	0.00E+00	1.86E+00	4.73E-06	7.53E-04	7.80E-03	0.00E+00	-1.35E-03	3.18E-10	6.33E-09	3.10E-02	1.04E+00	7.91E-09	0.00E+00	2.54E+00	2.02E-02	8.07E+00	0.00E+00	6.91E-08	3.13E-08	2.20E-03	6.85E-07	4.97E-01	0.00E+00	8.07E+00	2.54E-06	8.07E+00	8.50E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	7.86E+01
VS112PA	5.24E-03	1.48E+00	2.39E-02	1.48E+00	0.00E+00	0.00E+00	3.85E+00	6.76E-06	1.61E-03	1.36E-02	0.00E+00	-2.93E-04	7.53E-10	1.73E-08	6.07E-02	1.74E+00	5.30E-09	0.00E+00	3.95E+00	3.94E-03	1.25E+01	0.00E+00	1.06E-07	4.47E-08	3.50E-03	1.92E-07	8.04E-01	0.00E+00	1.25E+01	3.32E-06	1.25E+01	1.33E+01	8.04E-01	0.00E+00	0.00E+00	0.00E+00	1.23E+02
VS112PD	4.38E-03	1.44E+00	2.02E-02	1.42E+00	0.00E+00	0.00E+00	2.90E+00	5.16E-06	1.24E-03	1.31E-02	0.00E+00	3.53E-19	5.70E-10	8.29E-09	5.58E-02	1.43E+00	0.00E+00	0.00E+00	3.17E+00	1.65E-04	1.11E+01	0.00E+00	9.68E-08	3.96E-08	3.31E-03	1.17E-07	6.65E-01	0.00E+00	1.11E+01	2.89E-06	1.11E+01	1.18E+01	6.65E-01	0.00E+00	0.00E+00	0.00E+00	8.99E+01
VS112PE	4.26E-03	1.43E+00	1.96E-02	1.41E+00	0.00E+00	0.00E+00	2.77E+00	4.91E-06	1.17E-03	1.30E-02	0.00E+00	3.49E-19	5.47E-10	7.36E-09	5.51E-02	1.40E+00	0.00E+00	0.00E+00	3.07E+00	1.63E-04	1.10E+01	0.00E+00	9.56E-08	3.90E-08	3.27E-03	1.16E-07	6.48E-01	0.00E+00	1.10E+01	2.86E-06	1.10E+01	1.16E+01	6.48E-01	0.00E+00	0.00E+00	0.00E+00	8.64E+01
VS112PEB	3.97E-03	1.34E+00	1.85E-02	1.32E+00	0.00E+00	0.00E+00	2.58E+00	4.63E-06	1.05E-03	1.23E-02	0.00E+00	3.31E-19	5.10E-10	6.26E-09	5.31E-02	1.32E+00	0.00E+00	0.00E+00	2.91E+00	1.55E-04	1.06E+01	0.00E+00	9.16E-08	3.71E-08	3.10E-03	1.10E-07	6.16E-01	0.00E+00	1.06E+01	2.78E-06	1.06E+01	1.12E+01	6.16E-01	0.00E+00	0.00E+00	0.00E+00	8.11E+01
VS112PF	4.38E-03	1.43E+00	2.37E-02	1.51E+00	0.00E+00	0.00E+00	3.40E+00	6.03E-06	1.15E-03	1.41E-02	0.00E+00	-2.96E-04	7.06E-10	1.13E-08	5.21E-02	1.43E+00	5.30E-09	0.00E+00	3.39E+00	4.64E-03	1.11E+01	0.00E+00	9.16E-08	3.88E-08	3.29E-03	1.92E-07	6.79E-01	0.00E+00	1.11E+01	2.76E-06	1.11E+01	1.19E+01	6.79E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
VS112PJ	5.17E-03	1.46E+00	2.47E-02	1.47E+00	0.00E+00	0.00E+00	3.82E+00	7.16E-06	1.62E-03	1.35E-02	0.00E+00	-2.93E-04	7.65E-10	1.71E-08	6.07E-02	1.76E+00	5.30E-09	0.00E+00	4.11E+00	4.02E-03	1.26E+01	0.00E+00	1.07E-07	4.50E-08	3.57E-03	2.02E-07	8.16E-01	0.00E+00	1.26E+01	3.26E-06	1.26E+01	1.33E+01	8.16E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
VS112PM	4.38E-03	1.43E+00	2.35E-02	1.52E+00	0.00E+00	0.00E+00	3.41E+00	6.08E-06	1.15E-03	1.36E-02	0.00E+00	-2.96E-04	6.97E-10	1.13E-08	5.21E-02	1.43E+00	5.30E-09	0.00E+00	3.37E+00	4.35E-03	1.11E+01	0.00E+00	9.15E-08	3.88E-08	3.29E-03	1.93E-07	6.79E-01	0.00E+00	1.11E+01	2.78E-06	1.11E+01	1.19E+01	6.79E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
VS112PP	6.38E-03	1.53E+00	3.15E-02	1.50E+00	0.00E+00	0.00E+00	3.92E+00	7.66E-06	2.45E-03	1.42E-02	0.00E+00	-7.34E-04	7.42E-10	2.14E-08	6.29E-02	1.84E+00	0.00E+00	0.00E+00	4.20E+00	9.87E-03	1.31E+01	0.00E+00	1.11E-07	4.77E-08	3.73E-03	3.63E-07	8.44E-01	0.00E+00	1.31E+01	3.48E-06	1.31E+01	1.39E+01	8.44E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
VS112PR	6.71E-03	1.53E+00	3.20E-02	1.46E+00	0.00E+00	0.00E+00	4.15E+00	9.43E-06	2.02E-03	1.39E-02	0.00E+00	-1.51E-03	7.80E-10	1.83E-08	6.32E-02	1.99E+00	7.91E-09	0.00E+00	4.60E+00	2.08E-02	1.38E+01	0.00E+00	1.16E-07	5.05E-08	3.59E-03	6.67E-07	9.05E-01	0.00E+00	1.38E+01	4.31E-06	1.38E+01	1.47E+01	9.05E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
VS112PS	6.36E-03	1.53E+00	3.77E-02	1.49E+00	0.00E+00	0.00E+00	3.91E+00	7.63E-06	2.44E-03	1.41E-02	0.00E+00	-1.51E-03	7.40E-10	2.14E-08	6.24E-02	1.84E+00	0.00E+00	0.00E+00	4.18E+00	2.01E-02	1.30E+01	0.00E+00	1.11E-07	4.74E-08	3.71E-03	6.10E-07	8.38E-01	0.00E+00	1.30E+01	3.36E-06	1.30E+01	1.39E+01	8.38E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
VS112PY	6.04E-03	1.49E+00	2.55E-02	1.49E+00	0.00E+00	0.00E+00	3.92E+00	7.04E-06	1.92E-03	1.35E-02	0.00E+00	-6.25E-04	7.69E-10	1.84E-08	6.13E-02	1.81E+00	5.30E-09	0.00E+00	4.10E+00	9.06E-03	1.28E+01	0.00E+00	1.10E-07	4.61E-08	3.60E-03	2.53E-07	8.33E-01	0.00E+00	1.28E+01	3.29E-06	1.28E+01	1.36E+01	8.33E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02
VS112TA	5.81E-03	1.53E+00	2.49E-02	1.45E+00	0.00E+00	0.00E+00	4.10E+00	8.96E-06	1.80E-03	1.39E-02	0.00E+00	-3.36E-04	7.83E-10	1.70E-08	6.23E-02	1.90E+00	5.30E-09	0.00E+00	4.36E+00	4.94E-03	1.37E+01	0.00E+00	1.13E-07	4.93E-08	3.65E-03	2.36E-07	8.80E-01	0.00E+00	1.37E+01	4.26E-06	1.37E+01	1.44E+01	8.80E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
VS112TD	5.67E-03	1.52E+00	2.57E-02	1.45E+00	0.00E+00	0.00E+00	4.05E+00	8.97E-06	1.76E-03	1.41E-02	0.00E+00	-3.75E-04	7.79E-10	1.76E-08	6.32E-02	1.90E+00	5.30E-09	0.00E+00	4.36E+00	5.28E-03	1.38E+01	0.00E+00	1.13E-07	4.95E-08	3.70E-03	2.34E-07	8.74E-01	0.00E+00	1.38E+01	4.25E-06	1.38E+01	1.45E+01	8.74E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
VS112TE	5.37E-03	1.48E+00	2.05E-02	1.44E+00	0.00E+00	0.00E+00	3.86E+00	8.69E-06	1.65E-03	1.34E-02	0.00E+00	-4.28E-05	7.63E-10	1.21E-08	6.30E-02	1.78E+00	5.30E-09	0.00E+00	4.30E+00	5.70E-04	1.34E+01	0.00E+00	1.12E-07	4.71E-08	3.13E-03	1.20E-07	8.53E-01	0.00E+00	1.34E+01	4.33E-06	1.34E+01	1.42E+01	8.53E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
VS112TF	5.25E-03	1.44E+00	2.46E-02	1.43E+00	0.00E+00	0.00E+00	3.82E+00	8.76E-06	1.33E-03	1.37E-02	0.00E+00	-3.33E-04	7.29E-10	1.56E-08	6.12E-02	1.74E+00	5.30E-09	0.00E+00	4.16E+00	4.92E-03	1.34E+01	0.00E+00	1.09E-07	4.56E-08	3.25E-03	2.30E-07	8.23E-01	0.00E+00	1.34E+01	4.12E-06	1.34E+01	1.40E+01	8.23E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
VS112TJ	5.72E-03	1.55E+00	2.61E-02	1.56E+00	0.00E+00	0.00E+00	4.07E+00	8.68E-06	1.79E-03	1.45E-02	0.00E+00	-1.30E-03	9.24E-10	1.67E-08	6.28E-02	1.89E+00	9.51E-07	0.00E+00	4.82E+00	7.19E-03	1.37E+01	0.00E+00	1.14E-07	5.17E-08	3.75E-03	2.66E-07	9.09E-01	0.00E+00	1.37E+01	4.05E-06	1.37E+01	1.45E+01	9.09E-01	0.00E+00	0.00E+00	0.00E+00	1.62E+02
VS112TM	5.66E-03	1.51E+00	2.57E-02	1.45E+00	0.00E+00	0.00E+00	4.01E+00	8.94E-06	1.77E-03	1.40E-02	0.00E+00	-3.35E-04	7.79E-10	1.66E-08	6.27E-02	1.90E+00	5.30E-09	0.00E+00	4.34E+00	5.01E-03	1.37E+01	0.00E+00	1.13E-07	4.95E-08	3.70E-03	2.29E-07	8.73E-01	0.00E+00	1.37E+01	4.13E-06	1.37E+01	1.44E+01	8.73E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
VS112TP	7.28E-03	1.66E+00	3.30E-02	1.63E+00	0.00E+00	0.00E+00	4.39E+00	1.05E-05	2.57E-03	1.56E-02	0.00E+00	-7.34E-04	7.75E-10	2.24E-08	6.28E-02	2.08E+00	0.00E+00	0.00E+00	4.83E+00	9.87E-03	1.51E+01	0.00E+00	1.26E-07	5.75E-08	4.22E-03	3.66E-07	9.41E-01	0.00E+00	1.51E+01	5.05E-06	1.51E+01	1.60E+01	9.41E-01	0.00E+00	0.00E+00	0.00E+00	1.60E+02
VS112TR	6.72E-03	1.52E+00	3.37E-02	1.46E+00	0.00E+00	0.00E+00	4.12E+00	8.96E-06	2.31E-03	1.40E-02	0.00E+00	-1.50E-03	7.74E-10	1.82E-08	6.33E-02	1.98E+00	7.91E-09	0.00E+00	4.52E+00	2.10E-02	1.39E+01	0.00E+00	1.16E-07	5.03E-08	3.67E-03	6.90E-07	8.83E-01	0.00E+00	1.39E+01	4.20E-06	1.39E+01	1.47E+01	8.83E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
VS112TS	6.64E-03	1.57E+00	3.39E-02	1.57E+00	0.00E+00	0.00E+00	4.10E+00	8.59E-06	2.32E-03	1.46E-02	0.00E+00	-1.95E-03	9.20E-10	1.80E-08	6.36E-02	1.94E+00	9.51E-07	0.00E+00	4.90E+00	2.01E-02	1.39E+01	0.00E+00	1.16E-07	5.22E-08	3.73E-03	6.51E-07	9.15E-01	0.00E+00	1.39E+01	4.04E-06	1.39E+01	1.47E+01	9.15E-01	0.00E+00	0.00E+00	0.00E+00	1.64E+02
VS112TY	7.05E-03	1.52E+00	3.30E-02	1.45E+00	0.00E+00	0.00E+00	4.14E+00	9.05E-06	2.55E-03	1.39E-02	0.00E+00	-6.82E-04	7.95E-10	1.81E-08	6.35E-02	1.97E+00	5.30E-09	0.00E+00	4.52E+00	1.02E-02	1.41E+01	0.00E+00	1.17E-07	5.18E-08	3.64E-03	3.13E-07	9.06E-01	0.00E+00	1.41E+01	4.35E-06	1.41E+01	1.50E+01	9.06E-01	0.00E+00	0.00E+00	0.00E+00	1.47E+02
VS118PA	6.80E-03	1.88E+00	3.20E-02	1.81E+00	0.00E+00	0.00E+00	4.75E+00	8.80E-06	2.25E-03	1.69E-02	0.00E+00	-3.72E-04	9.05E-10	1.68E-08	8.03E-02	2.14E+00	5.30E-09	0.00E+00	5.02E+00	5.04E-03	1.62E+01	0.00E+00	1.39E-07	5.75E-08	4.45E-03	2.76E-07	1.01E+00	0.00E+00	1.62E+01	4.47E-06	1.62E+01	1.72E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+02
VS118PD	6.21E-03	1.98E+00	2.91E-02	1.95E+00	0.00E+00	0.00E+00	4.43E+00	7.95E-06	1.81E-03	1.81E-02	0.00E+00	4.97E-19	8.57E-10	1.34E-08	7.80E-02	2.04E+00	0.00E+00	0.00E+00	4.63E+00	2.29E-04	1.56E+01	0.00E+00	1.35E-07	5.54E-08	4.57E-03	1.63E-07	9.59E-01	0.00E+00	1.56E+01	4.00E-06	1.56E+01	1.66E+01	9.59E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
VS118PES	7.68E-03	2.04E+00	4.78E-02	1.99E+00	0.00E+00	0.00E+00	4.95E+00	9.87E-06	2.61E-03	1.88E-02	0.00E+00	-1.90E-03	9.35E-10	2.15E-08	8.36E-02	2.35E+00	0.00E+00	0.00E+00	5.36E+00	2.53E-02	1.74E+01	0.00E+00	1.48E-07	6.27E-08	4.92E-03	7.78E-07	1.08E+00	0.00E+00	1.74E+01	4.67E-06	1.74E+01	1.85E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+02
VS118PF	6.79E-03	1.87E+00	3.22E-02	1.80E+00	0.00E+00	0.00E+00	4.68E+00	8.80E-06	2.26E-03	1.67E-02	0.00E+00	-3.72E-04	9.04E-10	1.68E-08	7.99E-02	2.12E+00	5.30E-09	0.00E+00	4.98E+00	5.03E-03	1.62E+01	0.00E+00	1.38E-07	5.73E-08	4.33E-03	2.78E-07	9.98E-01	0.00E+00	1.62E+01	4.49E-06	1.62E+01	1.71E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	1.46E+02
VS118PJ	6.80E-03	1.88E+00	3.20E-02	1.81E+00	0.00E+00	0.00E+00	4.75E+00	8.80E-06	2.25E-03	1.69E-02	0.00E+00	-3.72E-04	9.05E-10	1.68E-08	8.03E-02	2.14E+00	5.30E-09	0.00E+00	5.02E+00	5.04E-03	1.62E+01	0.00E+00	1.39E-07	5.75E-08	4.45E-03	2.76E-07	1.01E+00	0.00E+00	1.62E+01	4.48E-06	1.62E+01	1.72E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+02
VS118PJ1	7.16E-03	1.91E+00	3.25E-02	1.83E+00	0.00E+00	0.00E+00	4.75E+00	8.02E-06	2.21E-03	1.71E-02	0.00E+00	-3.63E-04	9.20E-10	1.87E-08	8.13E-02	2.27E+00	5.30E-09	0.00E+00	5.13E+00	5.01E-03	1.63E+01	0.00E+00	1.39E-07	5.85E-08	4.47E-03	2.90E-07	1.02E+00	0.00E+00	1.63E+01	4.21E-06	1.63E+01	1.72E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+02
VS118PM	2.79E-03	1.15E+00	1.20E-02	8.77E-01	0.00E+00	0.00E+00	1.46E+00	2.45E-06	9.66E-04	7.55E-03	0.00E+00	-1.42E-03	2.41E-10	4.78E-09	2.46E-02	6.17E-01	7.37E-07	0.00E+00	1.35E+00	6.73E-03	5.11E+00	0.00E+00	4.08E-08	1.86E-08	2.12E-03	2.62E-07	2.72E-01	0.00E+00	5.11E+00	1.41E-06	5.11E+00	5.37E+00	2.72E-01	0.00E+00	0.00E+00	0.00E+00	4.40E+01
VS118PP	8.63E-03	2.07E+00	4.41E-02	2.03E+00	0.00E+00	0.00E+00	5.49E+00	1.08E-05	3.26E-03	1.93E-02	0.00E+00	-1.10E-03	1.03E-09	2.87E-08	8.62E-02	2.53E+00	0.00E+00	0.00E+00	5.82E+00	1.48E-02	1.80E+01	0.00E+00	1.53E-07	6.54E-08	5.07E-03	5.27E-07	1.16E+00	0.00E+00	1.80E+01	4.81E-06	1.80E+01	1.92E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+02
VS118PS	8.67E-03	2.09E+00	5.35E-02	2.03E+00	0.00E+00	0.00E+00	5.50E+00	1.09E-05	3.29E-03	1.93E-02	0.00E+00	-2.27E-03	1.04E-09	2.91E-08	8.59E-02	2.53E+00	0.00E+00	0.00E+00	5.82E+00	3.02E-02	1.80E+01	0.00E+00	1.52E-07	6.53E-08	5.07E-03	9.00E-07	1.16E+00	0.00E+00	1.80E+01	4.65E-06	1.80E+01	1.91E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+02
VS118PT	1.57E-02	2.45E+00	6.65E-02	2.38E+00	0.00E+00	0.00E+00	1.01E+01	1.85E-05	8.15E-03	2.28E-02	0.00E+00	-1.13E-03	1.89E-09	8.52E-08	1.07E-01	3.90E+00	0.00E+00	0.00E+00	9.40E+00	1.52E-02	2.21E+01	0.00E+00	1.85E-07	8.41E-08	6.26E-03	5.76E-07	1.79E+00	0.00E+00	2.21E+01	4.64E-06	2.21E+01	2.39E+01	1.79E+00	0.00E+00	0.00E+00	0.00E+00	3.09E+02
VS118PY	7.36E-03	1.92E+00	3.44E-02	1.84E+00	0.00E+00	0.00E+00	4.81E+00	8.02E-06	2.62E-03	1.74E-02	0.00E+00	-7.29E-04	9.25E-10	1.95E-08	8.19E-02	2.26E+00	5.30E-09	0.00E+00	5.10E+00	9.80E-03	1.63E+01	0.00E+00	1.41E-07	5.96E-08	4.58E-03	3.22E-07	1.03E+00	0.00E+00	1.63E+01	4.21E-06	1.63E+01	1.73E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+02
VS118TA	7.69E-03	1.90E+00	3.42E-02	1.73E+00	0.00E+00	0.00E+00	4.90E+00	1.05E-05	2.22E-03	1.66E-02	0.00E+00	-4.00E-04	9.28E-10	1.71E-08	8.13E-02	2.29E+00	5.30E-09	0.00E+00	5.39E+00	5.83E-03	1.69E+01	0.00E+00	1.43E-07	6.40E-08	4.50E-03	3.09E-07	1.08E+00	0.00E+00	1.69E+01	5.77E-06	1.69E+01	1.79E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+02
VS118TD	7.76E-03	1.91E+00	3.44E-02	1.75E+00	0.00E+00	0.00E+00	4.91E+00	1.06E-05	2.22E-03	1.67E-02	0.00E+00	-4.00E-04	9.31E-10	1.71E-08	8.16E-02	2.29E+00	5.30E-09	0.00E+00	5.40E+00	5.83E-03	1.69E+01	0.00E+00	1.44E-07	6.47E-08	4.60E-03	3.09E-07	1.09E+00	0.00E+00	1.69E+01	5.77E-06	1.69E+01	1.80E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+02
VS118TES	7.97E-03	1.96E+00	3.60E-02	1.88E+00	0.00E+00	0.00E+00	5.00E+00	1.06E-05	2.49E-03	1.90E-02	0.00E+00	-1.41E-03	9.40E-10	1.81E-08	8.29E-02	2.32E+00	5.30E-09	0.00E+00	5.51E+00	1.86E-02	1.71E+01	0.00E+00	1.45E-07	6.52E-08	4.88E-03	6.71E-07	1.10E+00	0.00E+00	1.71E+01	5.81E-06	1.71E+01	1.82E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+02
VS118TF	7.53E-03	1.84E+00	3.43E-02	1.65E+00	0.00E+00	0.00E+00	4.66E+00	9.83E-06	2.25E-03	1.57E-02	0.00E+00	-3.93E-04	8.98E-10	1.77E-08	7.97E-02	2.18E+00	5.30E-09	0.00E+00	5.02E+00	5.78E-03	1.65E+01	0.00E+00	1.38E-07	6.22E-08	4.37E-03	3.15E-07	1.01E+00	0.00E+00	1.65E+01	5.56E-06	1.65E+01	1.74E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+02
VS118TJ	7.57E-03	1.85E+00	3.45E-02	1.67E+00	0.00E+00	0.00E+00	4.76E+00	1.04E-05	2.23E-03	1.60E-02	0.00E+00	-3.93E-04	9.12E-10	1.73E-08	8.16E-02	2.22E+00	5.30E-09	0.00E+00	5.26E+00	5.74E-03	1.67E+01	0.00E+00	1.41E-07	6.33E-08	4.47E-03	3.13E-07	1.05E+00	0.00E+00	1.67E+01	5.72E-06	1.67E+01	1.77E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+02
VS118TJ1	7.84E-03	1.91E+00	3.48E-02	1.73E+00	0.00E+00	0.00E+00	4.80E+00	1.01E-05	2.24E-03	1.67E-02	0.00E+00	-3.93E-04	9.22E-10	1.77E-08	8.20E-02	2.30E+00	5.30E-09	0.00E+00	5.26E+00	5.85E-03	1.67E+01	0.00E+00	1.43E-07	6.48E-08	4.62E-03	3.13E-07	1.07E+00	0.00E+00	1.67E+01	5.54E-06	1.67E+01	1.77E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+02
VS118TM	7.77E-03	1.90E+00	3.46E-02	1.71E+00	0.00E+00	0.00E+00	4.84E+00	1.06E-05	2.23E-03	1.66E-02	0.00E+00	-3.93E-04	9.28E-10	1.77E-08	8.23E-02	2.32E+00	5.30E-09	0.00E+00	5.44E+00	5.85E-03	1.69E+01	0.00E+00	1.43E-07	6.41E-08	4.50E-03	3.13E-07	1.08E+00	0.00E+00	1.69E+01	5.75E-06	1.69E+01	1.80E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+02
VS118TP	7.89E-03	1.96E+00	3.47E-02	1.87E+00	0.00E+00	0.00E+00	4.97E+00	1.07E-05	2.23E-03	1.90E-02	0.00E+00	-4.10E-04	9.31E-10	1.71E-08	8.28E-02	2.31E+00	5.30E-09	0.00E+00	5.45E+00	6.17E-03	1.72E+01	0.00E+00	1.46E-07	6.56E-08	4.89E-03	3.12E-07	1.10E+00	0.00E+00	1.72E+01	5.76E-06	1.72E+01	1.84E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+02
VS118TS	8.01E-03	1.98E+00	3.65E-02	2.00E+00	0.00E+00	0.00E+00	4.82E+00	9.72E-06	2.49E-03	1.91E-02	0.00E+00	-1.86E-03	1.05E-09	1.88E-08	8.23E-02	2.28E+00	9.62E-07	0.00E+00	5.41E+00	1.94E-02	1.66E+01	0.00E+00	1.42E-07	6.51E-08	4.99E-03	7.01E-07	1.07E+00	0.00E+00	1.66E+01	5.16E-06	1.66E+01	1.76E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+02
VS122PD	8.36E-03	1.96E+00	4.74E-02	2.02E+00	0.00E+00	0.00E+00	5.27E+00	9.46E-06	2.48E-03	2.02E-02	0.00E+00	-9.92E-04	1.14E-09	2.35E-08	1.01E-01	2.49E+00	9.62E-07	0.00E+00	5.93E+00	2.70E-02	1.96E+01	0.00E+00	1.66E-07	6.61E-08	4.74E-03	8.65E-07	1.20E+00	0.00E+00	1.96E+01	5.48E-06	1.96E+01	2.06E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+02
VS122PF	8.27E-03	1.94E+00	4.65E-02	1.93E+00	0.00E+00	0.00E+00	5.39E+00	1.16E-05	2.52E-03	2.03E-02	0.00E+00	-6.50E-04	1.06E-09	2.70E-08	9.89E-02	2.55E+00	5.30E-09	0.00E+00	6.22E+00	9.78E-03	1.99E+01	0.00E+00	1.65E-07	6.55E-08	4.67E-03	4.63E-07	1.23E+00	0.00E+00	1.99E+01	5.92E-06	1.99E+01	2.05E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+02
VS122PJ	8.33E-03	1.96E+00	4.74E-02	2.03E+00	0.00E+00	0.00E+00	5.12E+00	9.45E-06	2.48E-03	2.02E-02	0.00E+00	-1.85E-03	1.12E-09	2.32E-08	1.01E-01	2.48E+00	9.62E-07	0.00E+00	5.89E+00	2.80E-02	1.95E+01	0.00E+00	1.65E-07	6.59E-08	4.74E-03	8.91E-07	1.20E+00	0.00E+00	1.95E+01	5.32E-06	1.95E+01	2.05E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+02
VS122PM	9.26E-03	2.04E+00	4.85E-02	2.03E+00	0.00E+00	0.00E+00	5.89E+00	1.23E-05	2.66E-03	2.10E-02	0.00E+00	-5.57E-04	1.23E-09	2.75E-08	1.06E-01	2.84E+00	5.30E-09	0.00E+00	7.10E+00	9.59E-03	2.20E+01	0.00E+00	1.81E-07	7.53E-08	5.59E-03	4.23E-07	1.39E+00	0.00E+00	2.20E+01	6.44E-06	2.20E+01	2.31E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	2.09E+02
VS122PP	1.07E-02	2.56E+00	5.49E-02	2.51E+00	0.00E+00	0.00E+00	6.76E+00	1.31E-05	4.21E-03	2.36E-02	0.00E+00	-1.47E-03	1.28E-09	3.74E-08	1.02E-01	3.07E+00	0.00E+00	0.00E+00	7.04E+00	1.97E-02	2.14E+01	0.00E+00	1.82E-07	7.86E-08	6.19E-03	6.80E-07	1.41E+00	0.00E+00	2.14E+01	5.55E-06	2.14E+01	2.28E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+02
VS122PS	9.78E-03	2.52E+00	6.05E-02	2.45E+00	0.00E+00	0.00E+00	6.20E+00	1.19E-05	3.61E-03	2.30E-02	0.00E+00	-2.53E-03	1.18E-09	3.09E-08	9.86E-02	2.87E+00	0.00E+00	0.00E+00	6.54E+00	3.36E-02	2.05E+01	0.00E+00	1.75E-07	7.49E-08	5.98E-03	1.01E-06	1.32E+00	0.00E+00	2.05E+01	5.24E-06	2.05E+01	2.18E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.99E+02
VS122PY	9.49E-03	2.03E+00	5.22E-02	2.04E+00	0.00E+00	0.00E+00	5.88E+00	1.26E-05	2.91E-03	2.10E-02	0.00E+00	-1.09E-03	1.25E-09	2.90E-08	1.06E-01	2.85E+00	5.30E-09	0.00E+00	7.17E+00	1.73E-02	2.20E+01	0.00E+00	1.81E-07	7.60E-08	5.59E-03	6.53E-07	1.40E+00	0.00E+00	2.20E+01	6.44E-06	2.20E+01	2.31E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	2.13E+02
VS122TA	8.73E-03	1.98E+00	5.25E-02	1.95E+00	0.00E+00	0.00E+00	5.59E+00	1.26E-05	2.51E-03	2.09E-02	0.00E+00	-5.40E-04	1.02E-09	2.15E-08	1.05E-01	2.68E+00	5.30E-09	0.00E+00	6.65E+00	9.00E-03	2.20E+01	0.00E+00	1.77E-07	7.96E-08	5.48E-03	4.06E-07	1.32E+00	0.00E+00	2.20E+01	7.82E-06	2.20E+01	2.31E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+02
VS122TD	8.75E-03	1.96E+00	5.11E-02	1.93E+00	0.00E+00	0.00E+00	5.48E+00	1.23E-05	2.51E-03	2.07E-02	0.00E+00	-6.06E-04	9.94E-10	2.15E-08	9.91E-02	2.57E+00	5.30E-09	0.00E+00	6.33E+00	8.94E-03	2.08E+01	0.00E+00	1.74E-07	7.50E-08	5.22E-03	4.22E-07	1.24E+00	0.00E+00	2.08E+01	7.44E-06	2.08E+01	2.19E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+02
VS122TF	8.79E-03	2.05E+00	5.12E-02	2.02E+00	0.00E+00	0.00E+00	5.44E+00	1.22E-05	2.46E-03	2.07E-02	0.00E+00	-6.06E-04	9.90E-10	2.10E-08	9.83E-02	2.57E+00	5.30E-09	0.00E+00	6.30E+00	8.90E-03	2.08E+01	0.00E+00	1.74E-07	7.46E-08	5.30E-03	4.41E-07	1.24E+00	0.00E+00	2.08E+01	7.44E-06	2.08E+01	2.17E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+02
VS122TJ	8.75E-03	2.02E+00	5.08E-02	1.99E+00	0.00E+00	0.00E+00	5.03E+00	1.16E-05	2.39E-03	2.04E-02	0.00E+00	-6.16E-04	9.53E-10	1.86E-08	1.01E-01	2.52E+00	5.30E-09	0.00E+00	6.03E+00	8.97E-03	2.05E+01	0.00E+00	1.72E-07	7.31E-08	5.20E-03	4.40E-07	1.21E+00	0.00E+00	2.05E+01	7.26E-06	2.05E+01	2.12E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+02
VS122TM	1.12E-02	2.16E+00	5.40E-02	2.12E+00	0.00E+00	0.00E+00	6.50E+00	1.54E-05	2.75E-03	2.12E-02	0.00E+00	-5.63E-04	1.27E-09	2.24E-08	1.06E-01	3.23E+00	5.30E-09	0.00E+00	7.51E+00	9.27E-03	2.35E+01	0.00E+00	1.91E-07	8.84E-08	6.27E-03	4.46E-07	1.49E+00	0.00E+00	2.35E+01	7.84E-06	2.35E+01	2.43E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02
VS122TP	1.11E-02	2.15E+00	5.26E-02	2.12E+00	0.00E+00	0.00E+00	6.04E+00	1.53E-05	2.50E-03	2.12E-02	0.00E+00	-5.52E-04	1.17E-09	2.12E-08	1.06E-01	3.22E+00	5.30E-09	0.00E+00	7.50E+00	9.11E-03	2.35E+01	0.00E+00	1.91E-07	8.85E-08	6.20E-03	4.09E-07	1.47E+00	0.00E+00	2.35E+01	7.88E-06	2.35E+01	2.43E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+02
VS212PA	7.89E-03	1.97E+00	3.39E-02	1.92E+00	0.00E+00	0.00E+00	5.20E+00	1.03E-05	2.10E-03	1.97E-02	0.00E+00	-2.94E-04	9.73E-10	1.95E-08	8.36E-02	2.36E+00	5.30E-09	0.00E+00	5.49E+00	3.23E-03	1.76E+01	0.00E+00	1.49E-07	6.34E-08	4.94E-03	2.49E-07	1.10E+00	0.00E+00	1.76E+01	4.50E-06	1.76E+01	1.84E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+02
VS212PD	6.46E-03	2.08E+00	3.10E-02	2.05E+00	0.00E+00	0.00E+00	4.75E+00	8.63E-06	1.81E-03	1.90E-02	0.00E+00	5.29E-19	9.15E-10	1.32E-08	8.40E-02	2.16E+00	0.00E+00	0.00E+00	4.97E+00	2.44E-04	1.67E+01	0.00E+00	1.44E-07	5.90E-08	4.83E-03	1.74E-07	1.03E+00	0.00E+00	1.67E+01	4.34E-06	1.67E+01	1.78E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+02
VS212PE	6.33E-03	2.08E+00	3.03E-02	2.05E+00	0.00E+00	0.00E+00	4.56E+00	8.41E-06	1.69E-03	1.90E-02	0.00E+00	5.26E-19	8.80E-10	1.15E-08	8.36E-02	2.14E+00	0.00E+00	0.00E+00	4.87E+00	2.43E-04	1.68E+01	0.00E+00	1.44E-07	5.90E-08	4.83E-03	1.73E-07	1.01E+00	0.00E+00	1.68E+01	4.44E-06	1.68E+01	1.78E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+02
VS212PEB	5.92E-03	1.97E+00	2.87E-02	1.94E+00	0.00E+00	0.00E+00	4.31E+00	7.87E-06	1.55E-03	1.81E-02	0.00E+00	5.01E-19	8.34E-10	1.03E-08	8.03E-02	2.02E+00	0.00E+00	0.00E+00	4.61E+00	2.32E-04	1.59E+01	0.00E+00	1.38E-07	5.58E-08	4.58E-03	1.65E-07	9.59E-01	0.00E+00	1.59E+01	4.19E-06	1.59E+01	1.69E+01	9.59E-01	0.00E+00	0.00E+00	0.00E+00	1.31E+02
VS212PF	7.37E-03	1.97E+00	3.26E-02	1.93E+00	0.00E+00	0.00E+00	4.91E+00	8.14E-06	2.11E-03	1.91E-02	0.00E+00	-3.92E-04	9.34E-10	1.96E-08	8.20E-02	2.27E+00	5.30E-09	0.00E+00	5.02E+00	4.70E-03	1.59E+01	0.00E+00	1.38E-07	5.92E-08	4.87E-03	2.84E-07	1.02E+00	0.00E+00	1.59E+01	3.61E-06	1.59E+01	1.69E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+02
VS212PJ	7.85E-03	2.05E+00	3.70E-02	1.96E+00	0.00E+00	0.00E+00	5.30E+00	1.11E-05	2.24E-03	2.01E-02	0.00E+00	-3.07E-04	9.96E-10	2.00E-08	9.46E-02	2.43E+00	5.30E-09	0.00E+00	5.72E+00	3.46E-03	1.83E+01	0.00E+00	1.57E-07	6.43E-08	5.00E-03	2.72E-07	1.16E+00	0.00E+00	1.83E+01	5.06E-06	1.83E+01	1.94E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+02
VS212PM	8.05E-03	1.94E+00	3.50E-02	1.89E+00	0.00E+00	0.00E+00	5.12E+00	9.22E-06	2.29E-03	1.94E-02	0.00E+00	-3.11E-04	9.99E-10	2.01E-08	9.31E-02	2.43E+00	5.30E-09	0.00E+00	5.55E+00	3.82E-03	1.80E+01	0.00E+00	1.56E-07	6.41E-08	4.87E-03	2.78E-07	1.14E+00	0.00E+00	1.80E+01	4.77E-06	1.80E+01	1.90E+01	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+02
VS212PP	7.84E-03	1.13E+00	4.62E-02	1.08E+00	0.00E+00	0.00E+00	6.05E+00	1.31E-05	3.23E-03	1.21E-02	0.00E+00	-1.47E-03	1.08E-09	3.51E-08	8.52E-02	2.44E+00	0.00E+00	0.00E+00	6.23E+00	1.96E-02	1.73E+01	0.00E+00	1.40E-07	5.78E-08	3.55E-03	6.13E-07	1.19E+00	0.00E+00	1.73E+01	4.83E-06	1.73E+01	1.85E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+02
VS212PR	8.80E-03	1.89E+00	5.87E-02	1.87E+00	0.00E+00	0.00E+00	5.57E+00	1.30E-05	2.62E-03	2.01E-02	0.00E+00	-2.07E-03	1.07E-09	1.78E-08	1.05E-01	2.94E+00	2.86E-05	0.00E+00	7.08E+00	2.78E-02	2.20E+01	0.00E+00	1.75E-07	7.83E-08	5.51E-03	1.01E-06	1.38E+00	0.00E+00	2.20E+01	7.15E-06	2.20E+01	2.34E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	2.07E+02
VS212PS	9.03E-03	2.22E+00	5.93E-02	2.16E+00	0.00E+00	0.00E+00	6.07E+00	1.17E-05	3.39E-03	2.04E-02	0.00E+00	-2.66E-03	1.14E-09	3.04E-08	9.22E-02	2.68E+00	0.00E+00	0.00E+00	6.26E+00	3.53E-02	1.90E+01	0.00E+00	1.62E-07	6.87E-08	5.36E-03	1.04E-06	1.25E+00	0.00E+00	1.90E+01	4.77E-06	1.90E+01	2.03E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+02
VS212PT	2.51E-02	2.95E+00	9.22E-02	2.86E+00	0.00E+00	0.00E+00	1.37E+01	2.45E-05	1.45E-02	2.78E-02	0.00E+00	-1.50E-03	2.59E-09	1.55E-07	1.31E-01	5.53E+00	0.00E+00	0.00E+00	1.29E+01	2.01E-02	2.75E+01	0.00E+00	2.32E-07	1.10E-07	7.99E-03	7.39E-07	2.42E+00	0.00E+00	2.75E+01	5.09E-06	2.75E+01	3.00E+01	2.42E+00	0.00E+00	0.00E+00	0.00E+00	4.36E+02
VS212PY	8.08E-03	1.87E+00	5.04E-02	1.86E+00	0.00E+00	0.00E+00	5.63E+00	1.22E-05	2.64E-03	1.98E-02	0.00E+00	-1.09E-03	1.09E-09	2.73E-08	9.24E-02	2.56E+00	5.30E-09	0.00E+00	6.18E+00	1.48E-02	1.88E+01	0.00E+00	1.59E-07	6.43E-08	4.58E-03	6.12E-07	1.22E+00	0.00E+00	1.88E+01	5.58E-06	1.88E+01	1.97E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+02

VS212PZB	5.39E-03	1.85E+00	2.29E-02	1.83E+00	0.00E+00	0.00E+00	2.47E+00	4.45E-06	1.44E-03	1.69E-02	0.00E+00	4.44E-19	6.96E-10	6.46E-09	7.02E-02	1.70E+00	0.00E+00	0.00E+00	3.69E+00	2.05E-04	1.39E+01	0.00E+00	1.22E-07	4.97E-08	4.25E-03	1.46E-07	7.77E-01	0.00E+00	1.39E+01	3.84E-06	1.39E+01	1.47E+01	7.77E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
VS212TA	8.27E-03	1.99E+00	3.90E-02	1.95E+00	0.00E+00	0.00E+00	5.25E+00	1.23E-05	2.20E-03	2.02E-02	0.00E+00	-3.32E-04	9.81E-10	1.60E-08	9.50E-02	2.49E+00	5.30E-09	0.00E+00	5.95E+00	4.06E-03	1.96E+01	0.00E+00	1.64E-07	7.11E-08	5.14E-03	2.90E-07	1.19E+00	0.00E+00	1.96E+01	6.82E-06	1.96E+01	2.10E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+02
VS212TD	7.93E-03	2.29E+00	3.34E-02	2.26E+00	0.00E+00	0.00E+00	5.51E+00	1.34E-05	2.01E-03	2.13E-02	0.00E+00	5.46E-19	9.68E-10	1.49E-08	8.38E-02	2.55E+00	0.00E+00	0.00E+00	6.00E+00	2.52E-04	2.00E+01	0.00E+00	1.67E-07	7.50E-08	5.63E-03	1.80E-07	1.18E+00	0.00E+00	2.00E+01	6.91E-06	2.00E+01	2.11E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+02
VS212TE	7.12E-03	2.03E+00	3.01E-02	2.02E+00	0.00E+00	0.00E+00	4.59E+00	1.04E-05	1.89E-03	1.95E-02	0.00E+00	-8.21E-05	8.89E-10	1.26E-08	8.47E-02	2.29E+00	5.30E-09	0.00E+00	5.28E+00	5.54E-04	1.83E+01	0.00E+00	1.54E-07	6.90E-08	5.05E-03	1.55E-07	1.08E+00	0.00E+00	1.83E+01	5.84E-06	1.83E+01	1.95E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+02
VS212TF	7.85E-03	1.95E+00	3.33E-02	1.84E+00	0.00E+00	0.00E+00	4.96E+00	1.03E-05	2.13E-03	1.75E-02	0.00E+00	-2.52E-04	9.36E-10	1.65E-08	8.23E-02	2.34E+00	5.30E-09	0.00E+00	5.30E+00	4.04E-03	1.68E+01	0.00E+00	1.43E-07	6.45E-08	4.65E-03	2.74E-07	1.07E+00	0.00E+00	1.68E+01	5.73E-06	1.68E+01	1.79E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+02
VS212TJ	8.48E-03	1.97E+00	5.11E-02	1.97E+00	0.00E+00	0.00E+00	5.59E+00	1.33E-05	2.43E-03	2.04E-02	0.00E+00	-4.27E-04	1.03E-09	2.18E-08	9.50E-02	2.63E+00	5.30E-09	0.00E+00	6.36E+00	5.75E-03	2.06E+01	0.00E+00	1.71E-07	7.39E-08	5.32E-03	3.72E-07	1.25E+00	0.00E+00	2.06E+01	7.15E-06	2.06E+01	2.15E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+02
VS212TM	8.29E-03	1.97E+00	3.64E-02	1.95E+00	0.00E+00	0.00E+00	5.07E+00	1.11E-05	2.22E-03	2.00E-02	0.00E+00	-3.31E-04	9.73E-10	1.66E-08	9.45E-02	2.49E+00	5.30E-09	0.00E+00	5.68E+00	4.02E-03	1.93E+01	0.00E+00	1.62E-07	7.06E-08	5.14E-03	2.88E-07	1.17E+00	0.00E+00	1.93E+01	6.22E-06	1.93E+01	2.05E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+02
VS212TR	8.87E-03	1.85E+00	5.74E-02	1.82E+00	0.00E+00	0.00E+00	5.35E+00	1.15E-05	2.64E-03	1.96E-02	0.00E+00	-2.04E-03	1.01E-09	1.86E-08	9.83E-02	2.60E+00	2.86E-05	0.00E+00	6.08E+00	2.76E-02	2.03E+01	0.00E+00	1.70E-07	7.42E-08	5.18E-03	1.02E-06	1.23E+00	0.00E+00	2.03E+01	6.43E-06	2.03E+01	2.14E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+02
VS212TS	8.46E-03	1.98E+00	3.82E-02	2.04E+00	0.00E+00	0.00E+00	5.01E+00	1.06E-05	2.58E-03	1.96E-02	0.00E+00	-2.27E-03	1.09E-09	1.82E-08	9.44E-02	2.48E+00	2.93E-05	0.00E+00	5.62E+00	3.22E-02	1.90E+01	0.00E+00	1.60E-07	7.08E-08	5.21E-03	1.07E-06	1.16E+00	0.00E+00	1.90E+01	5.86E-06	1.90E+01	2.04E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+02
VS212TY	8.62E-03	1.88E+00	5.59E-02	1.86E+00	0.00E+00	0.00E+00	5.65E+00	1.34E-05	2.65E-03	2.04E-02	0.00E+00	-9.68E-04	1.05E-09	1.99E-08	1.04E-01	2.63E+00	5.30E-09	0.00E+00	6.53E+00	1.49E-02	2.18E+01	0.00E+00	1.77E-07	7.91E-08	5.27E-03	5.95E-07	1.28E+00	0.00E+00	2.18E+01	7.50E-06	2.18E+01	2.30E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+02
VS218PA	1.06E-02	2.06E+00	6.76E-02	1.96E+00	0.00E+00	0.00E+00	8.19E+00	1.85E-05	3.19E-03	2.13E-02	0.00E+00	-8.67E-04	1.51E-09	3.50E-08	1.41E-01	3.71E+00	5.30E-09	0.00E+00	9.21E+00	1.12E-02	2.87E+01	0.00E+00	2.35E-07	9.47E-08	5.97E-03	5.60E-07	1.80E+00	0.00E+00	2.87E+01	8.35E-06	2.87E+01	3.09E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	2.77E+02
VS218PD	8.12E-03	1.76E+00	4.46E-02	1.72E+00	0.00E+00	0.00E+00	7.21E+00	1.55E-05	1.99E-03	1.90E-02	0.00E+00	7.12E-19	1.31E-09	2.00E-08	1.39E-01	3.19E+00	0.00E+00	0.00E+00	8.06E+00	3.26E-04	2.66E+01	0.00E+00	2.20E-07	8.36E-08	5.31E-03	2.32E-07	1.61E+00	0.00E+00	2.66E+01	7.75E-06	2.66E+01	2.83E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+02
VS218PDE	9.59E-03	2.12E+00	6.45E-02	2.05E+00	0.00E+00	0.00E+00	7.78E+00	1.72E-05	2.88E-03	1.89E-02	0.00E+00	-4.73E-04	1.51E-09	2.99E-08	1.23E-01	3.41E+00	5.30E-09	0.00E+00	8.71E+00	6.28E-03	2.57E+01	0.00E+00	2.09E-07	8.39E-08	5.73E-03	4.05E-07	1.68E+00	0.00E+00	2.57E+01	6.54E-06	2.57E+01	2.73E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	2.70E+02
VS218PES	9.89E-03	1.86E+00	7.53E-02	1.79E+00	0.00E+00	0.00E+00	8.03E+00	1.80E-05	2.96E-03	2.01E-02	0.00E+00	-3.25E-03	1.44E-09	3.02E-08	1.46E-01	3.58E+00	0.00E+00	0.00E+00	9.01E+00	4.32E-02	2.88E+01	0.00E+00	2.36E-07	9.23E-08	5.74E-03	1.28E-06	1.77E+00	0.00E+00	2.88E+01	8.34E-06	2.88E+01	3.06E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	2.62E+02
VS218PF	1.02E-02	2.06E+00	6.60E-02	2.01E+00	0.00E+00	0.00E+00	7.99E+00	1.75E-05	3.36E-03	2.11E-02	0.00E+00	-9.20E-04	1.50E-09	3.67E-08	1.25E-01	3.52E+00	5.30E-09	0.00E+00	8.81E+00	1.17E-02	2.66E+01	0.00E+00	2.20E-07	8.73E-08	5.96E-03	5.89E-07	1.70E+00	0.00E+00	2.66E+01	7.10E-06	2.66E+01	2.83E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	2.68E+02
VS218PJ	1.02E-02	2.11E+00	6.59E-02	2.07E+00	0.00E+00	0.00E+00	7.95E+00	1.71E-05	3.29E-03	2.15E-02	0.00E+00	-9.08E-04	1.50E-09	3.48E-08	1.29E-01	3.50E+00	5.30E-09	0.00E+00	8.78E+00	1.12E-02	2.73E+01	0.00E+00	2.25E-07	8.95E-08	6.03E-03	5.65E-07	1.74E+00	0.00E+00	2.73E+01	7.25E-06	2.73E+01	2.88E+01	1.74E+00	0.00E+00	0.00E+00	0.00E+00	2.68E+02
VS218PJ1	1.10E-02	1.98E+00	7.02E-02	1.92E+00	0.00E+00	0.00E+00	8.55E+00	1.90E-05	3.43E-03	2.18E-02	0.00E+00	-8.96E-04	1.55E-09	3.55E-08	1.48E-01	3.84E+00	5.30E-09	0.00E+00	9.41E+00	1.19E-02	2.95E+01	0.00E+00	2.42E-07	9.71E-08	6.13E-03	5.80E-07	1.85E+00	0.00E+00	2.95E+01	8.52E-06	2.95E+01	3.15E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	2.85E+02
VS218PM	1.14E-02	2.05E+00	6.91E-02	2.00E+00	0.00E+00	0.00E+00	8.41E+00	1.86E-05	3.46E-03	2.21E-02	0.00E+00	-9.06E-04	1.56E-09	3.59E-08	1.46E-01	3.83E+00	5.30E-09	0.00E+00	9.40E+00	1.12E-02	2.94E+01	0.00E+00	2.40E-07	9.70E-08	6.10E-03	5.92E-07	1.85E+00	0.00E+00	2.94E+01	8.51E-06	2.94E+01	3.12E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	2.84E+02
VS218PP	1.22E-02	1.97E+00	7.06E-02	1.90E+00	0.00E+00	0.00E+00	9.34E+00	2.05E-05	4.46E-03	2.12E-02	0.00E+00	-1.84E-03	1.67E-09	4.68E-08	1.53E-01	4.03E+00	0.00E+00	0.00E+00	1.01E+01	2.46E-02	3.05E+01	0.00E+00	2.49E-07	9.96E-08	6.17E-03	8.41E-07	1.97E+00	0.00E+00	3.05E+01	8.78E-06	3.05E+01	3.25E+01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+02
VS218PS	1.11E-02	1.92E+00	8.32E-02	1.84E+00	0.00E+00	0.00E+00	8.72E+00	1.93E-05	3.79E-03	2.06E-02	0.00E+00	-3.80E-03	1.56E-09	3.95E-08	1.49E-01	3.80E+00	0.00E+00	0.00E+00	9.59E+00	5.05E-02	2.95E+01	0.00E+00	2.42E-07	9.56E-08	5.94E-03	1.46E-06	1.87E+00	0.00E+00	2.95E+01	8.34E-06	2.95E+01	3.14E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	2.84E+02
VS218PT	3.09E-02	2.78E+00	1.23E-01	2.66E+00	0.00E+00	0.00E+00	1.83E+01	3.52E-05	1.72E-02	2.96E-02	0.00E+00	-2.26E-03	3.37E-09	1.95E-07	1.99E-01	7.36E+00	0.00E+00	0.00E+00	1.78E+01	3.04E-02	4.07E+01	0.00E+00	3.36E-07	1.49E-07	9.20E-03	1.07E-06	3.34E+00	0.00E+00	4.07E+01	8.94E-06	4.07E+01	4.40E+01	3.34E+00	0.00E+00	0.00E+00	0.00E+00	5.88E+02
VS218PY	1.15E-02	2.10E+00	7.16E-02	1.98E+00	0.00E+00	0.00E+00	8.60E+00	1.88E-05	3.82E-03	2.25E-02	0.00E+00	-1.40E-03	1.55E-09	3.93E-08	1.50E-01	3.90E+00	5.30E-09	0.00E+00	9.51E+00	1.94E-02	2.98E+01	0.00E+00	2.46E-07	1.02E-07	6.61E-03	7.71E-07	1.91E+00	0.00E+00	2.98E+01	8.45E-06	2.98E+01	3.20E+01	1.91E+00	0.00E+00	0.00E+00	0.00E+00	2.84E+02
VS218TA	1.08E-02	2.23E+00	5.62E-02	2.06E+00	0.00E+00	0.00E+00	8.23E+00	2.04E-05	2.89E-03	2.23E-02	0.00E+00	-5.60E-04	1.46E-09	2.68E-08	1.40E-01	3.71E+00	5.30E-09	0.00E+00	9.46E+00	9.34E-03	2.98E+01	0.00E+00	2.40E-07	1.03E-07	6.57E-03	5.48E-07	1.83E+00	0.00E+00	2.98E+01	1.16E-05	2.98E+01	3.16E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+02
VS218TD	1.01E-02	2.05E+00	4.80E-02	2.00E+00	0.00E+00	0.00E+00	8.25E+00	2.19E-05	2.27E-03	2.21E-02	0.00E+00	7.37E-19	1.39E-09	2.24E-08	1.39E-01	3.73E+00	0.00E+00	0.00E+00	9.47E+00	3.38E-04	3.11E+01	0.00E+00	2.52E-07	1.05E-07	6.40E-03	2.41E-07	1.82E+00	0.00E+00	3.11E+01	1.12E-05	3.11E+01	3.29E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+02
VS218TES	1.15E-02	2.20E+00	5.97E-02	2.03E+00	0.00E+00	0.00E+00	8.39E+00	2.05E-05	3.06E-03	2.30E-02	0.00E+00	-1.94E-03	1.47E-09	2.93E-08	1.40E-01	3.76E+00	5.30E-09	0.00E+00	9.43E+00	2.81E-02	2.97E+01	0.00E+00	2.39E-07	1.03E-07	6.64E-03	9.82E-07	1.82E+00	0.00E+00	2.97E+01	1.16E-05	2.97E+01	3.14E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	2.91E+02
VS218TF	1.07E-02	2.24E+00	5.25E-02	2.15E+00	0.00E+00	0.00E+00	8.01E+00	1.97E-05	2.80E-03	2.19E-02	0.00E+00	-5.61E-04	1.44E-09	2.63E-08	1.26E-01	3.57E+00	5.30E-09	0.00E+00	9.13E+00	9.05E-03	2.82E+01	0.00E+00	2.30E-07	9.81E-08	6.52E-03	4.90E-07	1.75E+00	0.00E+00	2.82E+01	1.02E-05	2.82E+01	2.98E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	2.85E+02
VS218TJ	1.06E-02	2.25E+00	5.44E-02	2.07E+00	0.00E+00	0.00E+00	8.08E+00	2.03E-05	2.84E-03	2.22E-02	0.00E+00	-5.34E-04	1.46E-09	2.60E-08	1.32E-01	3.70E+00	5.30E-09	0.00E+00	9.52E+00	8.31E-03	2.99E+01	0.00E+00	2.40E-07	1.03E-07	6.50E-03	5.02E-07	1.82E+00	0.00E+00	2.99E+01	1.15E-05	2.99E+01	3.14E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	2.91E+02
VS218TJ1	1.11E-02	2.24E+00	5.85E-02	2.08E+00	0.00E+00	0.00E+00	8.37E+00	2.10E-05	3.06E-03	2.46E-02	0.00E+00	-5.34E-04	1.50E-09	2.69E-08	1.44E-01	3.86E+00	5.30E-09	0.00E+00	9.81E+00	8.64E-03	3.15E+01	0.00E+00	2.57E-07	1.10E-07	7.00E-03	5.27E-07	1.90E+00	0.00E+00	3.15E+01	1.16E-05	3.15E+01	3.35E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+02
VS218TM	1.11E-02	2.25E+00	5.76E-02	2.08E+00	0.00E+00	0.00E+00	8.40E+00	2.09E-05	3.06E-03	2.46E-02	0.00E+00	-5.60E-04	1.48E-09	2.75E-08	1.46E-01	3.85E+00	5.30E-09	0.00E+00	9.70E+00	9.43E-03	3.14E+01	0.00E+00	2.57E-07	1.09E-07	6.99E-03	5.44E-07	1.90E+00	0.00E+00	3.14E+01	1.16E-05	3.14E+01	3.34E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	2.98E+02
VS218TP	1.10E-02	2.22E+00	5.73E-02	2.06E+00	0.00E+00	0.00E+00	8.36E+00	2.05E-05	3.00E-03	2.30E-02	0.00E+00	-5.60E-04	1.47E-09	2.71E-08	1.42E-01	3.76E+00	5.30E-09	0.00E+00	9.49E+00	9.43E-03	2.99E+01	0.00E+00	2.41E-07	1.03E-07	6.67E-03	5.48E-07	1.83E+00	0.00E+00	2.99E+01	1.16E-05	2.99E+01	3.15E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+02
VS218TS	1.11E-02	2.18E+00	6.01E-02	2.12E+00	0.00E+00	0.00E+00	8.49E+00	2.10E-05	3.08E-03	2.31E-02	0.00E+00	-2.06E-03	1.63E-09	2.76E-08	1.48E-01	3.81E+00	1.31E-07	0.00E+00	9.83E+00	3.54E-02	3.16E+01	0.00E+00	2.59E-07	1.10E-07	6.97E-03	1.20E-06	1.89E+00	0.00E+00	3.16E+01	1.16E-05	3.16E+01	3.39E+01	1.89E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+02
VS218TY	1.12E-02	2.24E+00	6.17E-02	2.08E+00	0.00E+00	0.00E+00	8.41E+00	2.09E-05	3.32E-03	2.46E-02	0.00E+00	-1.37E-03	1.49E-09	3.25E-08	1.46E-01	3.86E+00	5.30E-09	0.00E+00	9.70E+00	1.86E-02	3.14E+01	0.00E+00	2.57E-07	1.10E-07	7.02E-03	7.43E-07	1.90E+00	0.00E+00	3.14E+01	1.16E-05	3.14E+01	3.34E+01	1.90E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+02
VS312PA	9.49E-03	2.44E+00	5.36E-02	2.36E+00	0.00E+00	0.00E+00	7.41E+00	1.48E-05	2.93E-03	2.53E-02	0.00E+00	-3.57E-04	1.39E-09	2.29E-08	1.19E-01	3.15E+00	5.30E-09	0.00E+00	7.89E+00	3.00E-03	2.43E+01	0.00E+00	2.09E-07	8.46E-08	6.33E-03	3.11E-07	1.53E+00	0.00E+00	2.43E+01	7.56E-06	2.43E+01	2.60E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+02
VS312PD	8.52E-03	2.72E+00	4.18E-02	2.68E+00	0.00E+00	0.00E+00	6.56E+00	1.21E-05	2.34E-03	2.50E-02	0.00E+00	7.09E-19	1.25E-09	1.75E-08	1.13E-01	2.91E+00	0.00E+00	0.00E+00	6.78E+00	3.25E-04	2.25E+01	0.00E+00	1.94E-07	7.88E-08	6.36E-03	2.32E-07	1.39E+00	0.00E+00	2.25E+01	5.86E-06	2.25E+01	2.39E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+02
VS312PE	1.08E-02	2.72E+00	4.10E-02	2.67E+00	0.00E+00	0.00E+00	6.35E+00	1.18E-05	2.21E-03	2.50E-02	0.00E+00	7.04E-19	1.21E-09	1.56E-08	1.13E-01	2.87E+00	0.00E+00	0.00E+00	6.66E+00	3.24E-04	2.25E+01	0.00E+00	1.93E-07	7.86E-08	6.36E-03	2.31E-07	1.37E+00	0.00E+00	2.25E+01	5.95E-06	2.25E+01	2.39E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+02
VS312PF	9.44E-03	2.41E+00	5.36E-02	2.45E+00	0.00E+00	0.00E+00	7.42E+00	1.45E-05	3.03E-03	2.47E-02	0.00E+00	-1.48E-03	1.56E-09	2.51E-08	1.16E-01	3.17E+00	9.62E-07	0.00E+00	8.03E+00	2.16E-02	2.41E+01	0.00E+00	2.00E-07	8.25E-08	6.36E-03	7.70E-07	1.56E+00	0.00E+00	2.41E+01	6.35E-06	2.41E+01	2.57E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+02
VS312PJ	1.05E-02	2.26E+00	5.70E-02	2.29E+00	0.00E+00	0.00E+00	8.08E+00	1.68E-05	3.20E-03	2.55E-02	0.00E+00	-3.86E-04	1.47E-09	2.39E-08	1.40E-01	3.48E+00	5.30E-09	0.00E+00	8.77E+00	3.92E-03	2.70E+01	0.00E+00	2.27E-07	9.37E-08	6.55E-03	3.54E-07	1.71E+00	0.00E+00	2.70E+01	8.45E-06	2.70E+01	2.86E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+02
VS312PM	1.02E-02	2.27E+00	5.38E-02	2.24E+00	0.00E+00	0.00E+00	7.73E+00	1.65E-05	3.03E-03	2.52E-02	0.00E+00	-3.94E-04	1.44E-09	2.48E-08	1.35E-01	3.48E+00	5.30E-09	0.00E+00	8.76E+00	3.29E-03	2.69E+01	0.00E+00	2.27E-07	9.31E-08	6.34E-03	3.41E-07	1.71E+00	0.00E+00	2.69E+01	8.57E-06	2.69E+01	2.86E+01	1.71E+00	0.00E+00	0.00E+00	0.00E+00	2.57E+02
VS312PP	1.13E-02	1.60E+00	6.68E-02	1.54E+00	0.00E+00	0.00E+00	8.81E+00	1.92E-05	4.67E-03	1.71E-02	0.00E+00	-2.20E-03	1.56E-09	5.11E-08	1.19E-01	3.48E+00	0.00E+00	0.00E+00	8.96E+00	2.93E-02	2.45E+01	0.00E+00	1.98E-07	8.24E-08	5.04E-03	9.06E-07	1.70E+00	0.00E+00	2.45E+01	6.88E-06	2.45E+01	2.62E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	2.81E+02
VS312PR	1.16E-02	2.47E+00	6.07E-02	2.22E+00	0.00E+00	0.00E+00	7.83E+00	1.87E-05	3.38E-03	2.79E-02	0.00E+00	-2.43E-03	1.43E-09	2.59E-08	1.33E-01	3.59E+00	4.93E-05	0.00E+00	9.25E+00	2.94E-02	2.96E+01	0.00E+00	2.44E-07	1.08E-07	7.57E-03	1.06E-06	1.77E+00	0.00E+00	2.96E+01	1.11E-05	2.96E+01	3.19E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	2.79E+02
VS312PS	1.17E-02	2.91E+00	8.10E-02	2.83E+00	0.00E+00	0.00E+00	8.22E+00	1.59E-05	4.28E-03	2.68E-02	0.00E+00	-3.80E-03	1.54E-09	3.88E-08	1.23E-01	3.54E+00	0.00E+00	0.00E+00	8.35E+00	5.05E-02	2.52E+01	0.00E+00	2.14E-07	9.04E-08	7.02E-03	1.46E-06	1.66E+00	0.00E+00	2.52E+01	6.26E-06	2.52E+01	2.69E+01	1.66E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+02
VS312PT	3.10E-02	2.83E+00	1.24E-01	2.71E+00	0.00E+00	0.00E+00	1.82E+01	3.51E-05	1.73E-02	3.01E-02	0.00E+00	-2.25E-03	3.37E-09	1.95E-07	2.01E-01	7.38E+00	0.00E+00	0.00E+00	1.78E+01	3.01E-02	4.10E+01	0.00E+00	3.39E-07	1.50E-07	9.31E-03	1.06E-06	3.35E+00	0.00E+00	4.10E+01	9.02E-06	4.10E+01	4.43E+01	3.35E+00	0.00E+00	0.00E+00	0.00E+00	5.88E+02
VS312PY	1.09E-02	2.37E+00	6.13E-02	2.33E+00	0.00E+00	0.00E+00	8.02E+00	1.67E-05	3.44E-03	2.57E-02	0.00E+00	-1.05E-03	1.50E-09	2.89E-08	1.42E-01	3.55E+00	5.30E-09	0.00E+00	8.86E+00	1.42E-02	2.77E+01	0.00E+00	2.36E-07	9.98E-08	7.00E-03	6.56E-07	1.73E+00	0.00E+00	2.77E+01	8.43E-06	2.77E+01	2.97E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.59E+02
VS312TA	1.04E-02	2.66E+00	5.04E-02	2.24E+00	0.00E+00	0.00E+00	7.68E+00	1.87E-05	2.84E-03	2.64E-02	0.00E+00	-3.48E-04	1.38E-09	2.12E-08	1.22E-01	3.49E+00	5.30E-09	0.00E+00	8.85E+00	4.57E-03	2.76E+01	0.00E+00	2.27E-07	1.01E-07	7.03E-03	3.43E-07	1.68E+00	0.00E+00	2.76E+01	1.13E-05	2.76E+01	2.89E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+02
VS312TD	1.04E-02	2.98E+00	4.46E-02	2.93E+00	0.00E+00	0.00E+00	7.52E+00	1.81E-05	2.58E-03	2.78E-02	0.00E+00	7.26E-19	1.32E-09	1.97E-08	1.12E-01	3.38E+00	0.00E+00	0.00E+00	8.06E+00	3.34E-04	2.65E+01	0.00E+00	2.21E-07	9.88E-08	7.36E-03	2.38E-07	1.59E+00	0.00E+00	2.65E+01	9.11E-06	2.65E+01	2.81E+01	1.59E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+02
VS312TE	1.01E-02	2.69E+00	5.06E-02	2.34E+00	0.00E+00	0.00E+00	7.42E+00	1.78E-05	2.77E-03	2.57E-02	0.00E+00	-1.19E-04	1.39E-09	2.07E-08	1.17E-01	3.38E+00	5.30E-09	0.00E+00	8.46E+00	1.98E-03	2.61E+01	0.00E+00	2.13E-07	9.52E-08	6.84E-03	2.83E-07	1.60E+00	0.00E+00	2.61E+01	9.84E-06	2.61E+01	2.69E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	2.59E+02
VS312TF	1.02E-02	2.56E+00	5.01E-02	2.29E+00	0.00E+00	0.00E+00	7.45E+00	1.76E-05	2.87E-03	2.50E-02	0.00E+00	-3.67E-04	1.39E-09	2.26E-08	1.09E-01	3.27E+00	5.30E-09	0.00E+00	8.38E+00	4.96E-03	2.47E+01	0.00E+00	1.98E-07	9.29E-08	7.00E-03	3.41E-07	1.57E+00	0.00E+00	2.47E+01	9.04E-06	2.47E+01	2.60E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	2.57E+02
VS312TJ	1.06E-02	2.52E+00	5.18E-02	2.23E+00	0.00E+00	0.00E+00	7.78E+00	1.89E-05	2.84E-03	2.54E-02	0.00E+00	-3.56E-04	1.44E-09	2.12E-08	1.32E-01	3.53E+00	5.30E-09	0.00E+00	9.09E+00	4.83E-03	2.80E+01	0.00E+00	2.34E-07	1.02E-07	7.09E-03	3.51E-07	1.73E+00	0.00E+00	2.80E+01	1.12E-05	2.80E+01	2.98E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.76E+02
VS312TM	1.12E-02	2.51E+00	5.26E-02	2.24E+00	0.00E+00	0.00E+00	7.95E+00	1.90E-05	2.91E-03	2.59E-02	0.00E+00	-3.56E-04	1.42E-09	2.15E-08	1.32E-01	3.54E+00	5.30E-09	0.00E+00	9.07E+00	4.80E-03	2.78E+01	0.00E+00	2.33E-07	1.02E-07	7.15E-03	3.81E-07	1.72E+00	0.00E+00	2.78E+01	1.13E-05	2.78E+01	2.98E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	2.79E+02
VS312TP	1.10E-02	2.60E+00	5.40E-02	2.27E+00	0.00E+00	0.00E+00	8.00E+00	1.93E-05	3.03E-03	2.68E-02	0.00E+00	-3.48E-04	1.44E-09	2.15E-08	1.37E-01	3.62E+00	5.30E-09	0.00E+00	9.18E+00	4.78E-03	2.95E+01	0.00E+00	2.46E-07	1.08E-07	7.43E-03	3.83E-07	1.77E+00	0.00E+00	2.95E+01	1.13E-05	2.95E+01	3.18E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	2.81E+02
VS312TR	1.16E-02	2.49E+00	5.93E-02	2.23E+00	0.00E+00	0.00E+00	7.85E+00	1.87E-05	3.37E-03	2.77E-02	0.00E+00	-2.44E-03	1.41E-09	2.57E-08	1.33E-01	3.58E+00	4.41E-05	0.00E+00	9.05E+00	2.96E-02	2.93E+01	0.00E+00	2.43E-07	1.08E-07	7.53E-03	1.03E-06	1.76E+00	0.00E+00	2.93E+01	1.11E-05	2.93E+01	3.15E+01	1.76E+00	0.00E+00	0.00E+00	0.00E+00	2.78E+02
VS312TY	1.11E-02	2.58E+00	5.90E-02	2.28E+00	0.00E+00	0.00E+00	8.02E+00	1.96E-05	3.27E-03	2.74E-02	0.00E+00	-1.24E-03	1.45E-09	2.83E-08	1.39E-01	3.65E+00	5.30E-09	0.00E+00	9.22E+00	1.73E-02	2.99E+01	0.00E+00	2.52E-07	1.09E-07	7.47E-03	6.87E-07	1.78E+00	0.00E+00	2.99E+01	1.14E-05	2.99E+01	3.21E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	2.83E+02
VS318PA	1.28E-02	2.62E+00	7.16E-02	2.55E+00	0.00E+00	0.00E+00	1.10E+01	2.15E-05	3.33E-03	2.91E-02	0.00E+00	-7.42E-04	1.83E-09	3.17E-08	1.89E-01	4.64E+00	5.30E-09	0.00E+00	1.09E+01	5.78E-03	3.71E+01	0.00E+00	3.06E-07	1.21E-07	7.79E-03	3.84E-07	2.21E+00	0.00E+00	3.71E+01	1.04E-05	3.71E+01	3.89E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	3.34E+02
VS318PD	1.09E-02	2.38E+00	6.12E-02	2.31E+00	0.00E+00	0.00E+00	1.01E+01	2.17E-05	2.60E-03	2.57E-02	0.00E+00	9.75E-19	1.82E-09	2.67E-08	1.90E-01	4.37E+00	0.00E+00	0.00E+00	1.11E+01	4.45E-04	3.65E+01	0.00E+00	3.01E-07	1.14E-07	7.20E-03	3.17E-07	2.21E+00	0.00E+00	3.65E+01	1.06E-05	3.65E+01	3.87E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	3.13E+02
VS318PES	1.42E-02	2.57E+00	1.08E-01	2.46E+00	0.00E+00	0.00E+00	1.16E+01	2.56E-05	4.54E-03	2.76E-02	0.00E+00	-4.79E-03	2.08E-09	4.74E-08	2.01E-01	5.02E+00	0.00E+00	0.00E+00	1.27E+01	6.36E-02	3.97E+01	0.00E+00	3.25E-07	1.27E-07	7.91E-03	1.86E-06	2.49E+00	0.00E+00	3.97E+01	1.12E-05	3.97E+01	4.22E+01	2.49E+00	0.00E+00	0.00E+00	0.00E+00	3.73E+02
VS318PF	1.21E-02	2.57E+00	6.74E-02	2.46E+00	0.00E+00	0.00E+00	9.55E+00	1.97E-05	3.28E-03	2.82E-02	0.00E+00	-7.50E-04	1.81E-09	3.12E-08	1.76E-01	4.26E+00	5.30E-09	0.00E+00	1.01E+01	5.46E-03	3.53E+01	0.00E+00	2.80E-07	1.12E-07	7.64E-03	4.11E-07	2.05E+00	0.00E+00	3.53E+01	9.90E-06	3.53E+01	3.74E+01	2.05E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+02
VS318PJ	1.22E-02	2.57E+00	6.83E-02	2.53E+00	0.00E+00	0.00E+00	9.54E+00	1.96E-05	3.30E-03	2.84E-02	0.00E+00	-1.52E-03	1.90E-09	3.17E-08	1.77E-01	4.34E+00	9.62E-07	0.00E+00	1.02E+01	2.17E-02	3.55E+01	0.00E+00	2.84E-07	1.14E-07	7.70E-03	7.75E-07	2.03E+00	0.00E+00	3.55E+01	1.01E-05	3.55E+01	3.73E+01	2.03E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+02
VS318PM	1.37E-02	2.74E+00	8.70E-02	2.57E+00	0.00E+00	0.00E+00	1.12E+01	2.15E-05	4.05E-03	2.97E-02	0.00E+00	-1.56E-03	1.84E-09	3.91E-08	1.89E-01	4.72E+00	5.30E-09	0.00E+00	1.10E+01	1.94E-02	3.69E+01	0.00E+00	3.05E-07	1.20E-07	7.85E-03	7.96E-07	2.21E+00	0.00E+00	3.69E+01	1.05E-05	3.69E+01	3.86E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	3.34E+02
VS318PP	1.77E-02	2.74E+00	1.02E-01	2.64E+00	0.00E+00	0.00E+00	1.36E+01	2.96E-05	6.83E-03	2.96E-02	0.00E+00	-2.75E-03	2.45E-09	7.27E-08	2.12E-01	5.74E+00	0.00E+00	0.00E+00	1.45E+01	3.68E-02	4.24E+01	0.00E+00	3.46E-07	1.39E-07	8.61E-03	1.23E-06	2.80E+00	0.00E+00	4.24E+01	1.20E-05	4.24E+01	4.52E+01	2.80E+00	0.00E+00	0.00E+00	0.00E+00	4.39E+02
VS318PS	1.46E-02	2.59E+00	1.14E-01	2.48E+00	0.00E+00	0.00E+00	1.20E+01	2.62E-05	4.83E-03	2.77E-02	0.00E+00	-5.34E-03	2.14E-09	5.09E-08	2.02E-01	5.11E+00	0.00E+00	0.00E+00	1.30E+01	7.09E-02	3.98E+01	0.00E+00	3.26E-07	1.28E-07	7.97E-03	2.04E-06	2.52E+00	0.00E+00	3.98E+01	1.11E-05	3.98E+01	4.24E+01	2.52E+00	0.00E+00	0.00E+00	0.00E+00	3.83E+02
VS318PT	4.42E-02	3.83E+00	1.73E-01	3.66E+00	0.00E+00	0.00E+00	2.50E+01	4.76E-05	2.52E-02	4.07E-02	0.00E+00	-3.40E-03	4.63E-09	2.84E-07	2.71E-01	1.03E+01	0.00E+00	0.00E+00	2.45E+01	4.55E-02	5.55E+01	0.00E+00	4.60E-07	2.06E-07	1.27E-02	1.55E-06	4.60E+00	0.00E+00	5.55E+01	1.18E-05	5.55E+01	6.01E+01	4.60E+00	0.00E+00	0.00E+00	0.00E+00	8.12E+02
VS318PY	1.50E-02	3.29E+00	8.69E-02	2.74E+00	0.00E+00	0.00E+00	1.13E+01	2.18E-05	4.14E-03	3.11E-02	0.00E+00	-1.60E-03	1.87E-09	3.85E-08	1.94E-01	4.89E+00	5.30E-09	0.00E+00	1.13E+01	1.99E-02	3.89E+01	0.00E+00	3.23E-07	1.36E-07	8.51E-03	8.04E-07	2.26E+00	0.00E+00	3.89E+01	1.07E-05	3.89E+01	4.12E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	3.42E+02
VS318TA	1.45E-02	2.92E+00	7.70E-02	3.39E+00	0.00E+00	0.00E+00	1.17E+01	2.86E-05	3.45E-03	3.31E-02	0.00E+00	-4.46E-04	1.84E-09	3.15E-08	1.85E-01	4.96E+00	5.30E-09	0.00E+00	1.23E+01	4.50E-03	4.09E+01	0.00E+00	3.33E-07	1.41E-07	8.86E-03	3.80E-07	2.36E+00	0.00E+00	4.09E+01	1.38E-05	4.09E+01	4.33E+01	2.36E+00	0.00E+00	0.00E+00	0.00E+00	4.00E+02
VS318TD	1.38E-02	2.78E+00	6.57E-02	2.72E+00	0.00E+00	0.00E+00	1.16E+01	3.10E-05	2.99E-03	3.00E-02	0.00E+00	1.00E-18	1.92E-09	3.00E-08	1.88E-01	5.11E+00	0.00E+00	0.00E+00	1.31E+01	4.58E-04	4.26E+01	0.00E+00	3.45E-07	1.45E-07	8.74E-03	3.26E-07	2.51E+00	0.00E+00	4.26E+01	1.56E-05	4.26E+01	4.51E+01	2.51E+00	0.00E+00	0.00E+00	0.00E+00	4.14E+02
VS318TES	1.47E-02	2.92E+00	1.01E-01	3.40E+00	0.00E+00	0.00E+00	1.18E+01	2.86E-05	3.71E-03	3.29E-02	0.00E+00	-2.75E-03	1.85E-09	3.56E-08	1.88E-01	4.95E+00	5.30E-09	0.00E+00	1.24E+01	3.53E-02	4.10E+01	0.00E+00	3.33E-07	1.42E-07	8.82E-03	1.19E-06	2.41E+00	0.00E+00	4.10E+01	1.40E-05	4.10E+01	4.31E+01	2.41E+00	0.00E+00	0.00E+00	0.00E+00	4.02E+02
VS318TF	1.38E-02	2.72E+00	6.58E-02	3.22E+00	0.00E+00	0.00E+00	9.97E+00	2.71E-05	3.26E-03	3.11E-02	0.00E+00	-4.32E-04	1.69E-09	2.96E-08	1.73E-01	4.64E+00	5.30E-09	0.00E+00	1.14E+01	4.63E-03	3.94E+01	0.00E+00	3.18E-07	1.37E-07	8.63E-03	3.97E-07	2.18E+00	0.00E+00	3.94E+01	1.39E-05	3.94E+01	4.16E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	3.77E+02
VS318TJ	1.39E-02	2.75E+00	6.75E-02	3.29E+00	0.00E+00	0.00E+00	1.06E+01	2.78E-05	3.24E-03	3.13E-02	0.00E+00	-4.22E-04	1.71E-09	2.97E-08	1.81E-01	4.75E+00	5.30E-09	0.00E+00	1.17E+01	4.35E-03	3.96E+01	0.00E+00	3.25E-07	1.41E-07	8.80E-03	3.87E-07	2.26E+00	0.00E+00	3.96E+01	1.39E-05	3.96E+01	4.19E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	3.89E+02
VS318TM	1.43E-02	2.94E+00	8.51E-02	3.37E+00	0.00E+00	0.00E+00	1.16E+01	3.01E-05	3.87E-03	3.28E-02	0.00E+00	-1.51E-03	1.96E-09	3.80E-08	1.90E-01	5.06E+00	5.30E-09	0.00E+00	1.29E+01	2.09E-02	4.15E+01	0.00E+00	3.41E-07	1.43E-07	8.84E-03	8.16E-07	2.49E+00	0.00E+00	4.15E+01	1.38E-05	4.15E+01	4.43E+01	2.49E+00	0.00E+00	0.00E+00	0.00E+00	4.10E+02
VS318TP	1.45E-02	2.92E+00	7.70E-02	3.37E+00	0.00E+00	0.00E+00	1.17E+01	2.86E-05	3.45E-03	3.30E-02	0.00E+00	-4.46E-04	1.84E-09	3.14E-08	1.85E-01	4.96E+00	5.30E-09	0.00E+00	1.23E+01	4.50E-03	4.09E+01	0.00E+00	3.32E-07	1.41E-07	8.86E-03	3.80E-07	2.36E+00	0.00E+00	4.09E+01	1.38E-05	4.09E+01	4.33E+01	2.36E+00	0.00E+00	0.00E+00	0.00E+00	3.99E+02
VS318TS	1.48E-02	2.87E+00	1.02E-01	3.35E+00	0.00E+00	0.00E+00	1.17E+01	2.82E-05	3.67E-03	3.27E-02	0.00E+00	-3.03E-03	1.90E-09	3.45E-08	1.88E-01	4.98E+00	9.62E-07	0.00E+00	1.24E+01	4.26E-02	4.09E+01	0.00E+00	3.33E-07	1.44E-07	8.79E-03	1.32E-06	2.38E+00	0.00E+00	4.09E+01	1.40E-05	4.09E+01	4.29E+01	2.38E+00	0.00E+00	0.00E+00	0.00E+00	3.96E+02
VS412PA	1.30E-02	3.48E+00	7.35E-02	3.50E+00	0.00E+00	0.00E+00	1.05E+01	1.98E-05	3.28E-03	3.37E-02	0.00E+00	-4.89E-04	1.78E-09	2.80E-08	1.62E-01	4.56E+00	5.30E-09	0.00E+00	1.02E+01	3.08E-03	3.44E+01	0.00E+00	2.91E-07	1.19E-07	8.69E-03	3.54E-07	2.07E+00	0.00E+00	3.44E+01	9.01E-06	3.44E+01	3.58E+01	2.07E+00	0.00E+00	0.00E+00	0.00E+00	3.27E+02
VS412PD	1.12E-02	3.57E+00	5.53E-02	3.51E+00	0.00E+00	0.00E+00	8.71E+00	1.61E-05	3.07E-03	3.29E-02	0.00E+00	9.38E-19	1.66E-09	2.32E-08	1.51E-01	3.85E+00	0.00E+00	0.00E+00	9.01E+00	4.31E-04	2.99E+01	0.00E+00	2.57E-07	1.04E-07	8.39E-03	3.07E-07	1.85E+00	0.00E+00	2.99E+01	7.82E-06	2.99E+01	3.18E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+02
VS412PE	1.10E-02	3.56E+00	5.41E-02	3.50E+00	0.00E+00	0.00E+00	8.38E+00	1.56E-05	2.88E-03	3.28E-02	0.00E+00	9.29E-19	1.60E-09	2.05E-08	1.49E-01	3.79E+00	0.00E+00	0.00E+00	8.80E+00	4.27E-04	2.98E+01	0.00E+00	2.56E-07	1.04E-07	8.36E-03	3.04E-07	1.81E+00	0.00E+00	2.98E+01	7.89E-06	2.98E+01	3.16E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.53E+02
VS412PF	1.23E-02	3.26E+00	7.22E-02	2.94E+00	0.00E+00	0.00E+00	9.33E+00	2.09E-05	3.45E-03	3.08E-02	0.00E+00	-5.03E-04	2.01E-09	3.15E-08	1.58E-01	4.28E+00	3.65E-06	0.00E+00	1.09E+01	6.92E-03	3.34E+01	0.00E+00	2.69E-07	1.11E-07	8.27E-03	6.01E-07	2.09E+00	0.00E+00	3.34E+01	9.38E-06	3.34E+01	3.58E+01	2.09E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+02

VS412PJ	1.34E-02	3.46E+00	8.07E-02	3.37E+00	0.00E+00	0.00E+00	1.05E+01	1.98E-05	3.31E-03	3.34E-02	0.00E+00	-4.85E-04	1.78E-09	2.87E-08	1.63E-01	4.60E+00	5.30E-09	0.00E+00	1.02E+01	3.96E-03	3.49E+01	0.00E+00	2.90E-07	1.19E-07	8.68E-03	3.66E-07	2.06E+00	0.00E+00	3.49E+01	9.45E-06	3.49E+01	3.62E+01	2.06E+00	0.00E+00	0.00E+00	0.00E+00	3.25E+02
VS412PM	1.35E-02	3.44E+00	9.44E-02	3.32E+00	0.00E+00	0.00E+00	1.07E+01	2.34E-05	4.06E-03	3.27E-02	0.00E+00	-1.40E-03	2.07E-09	3.72E-08	1.68E-01	4.75E+00	3.65E-06	0.00E+00	1.16E+01	2.01E-02	3.56E+01	0.00E+00	2.94E-07	1.19E-07	8.69E-03	8.86E-07	2.24E+00	0.00E+00	3.56E+01	9.77E-06	3.56E+01	3.77E+01	2.24E+00	0.00E+00	0.00E+00	0.00E+00	3.57E+02
VS412PP	1.89E-02	4.04E+00	1.01E-01	3.94E+00	0.00E+00	0.00E+00	1.28E+01	2.51E-05	7.79E-03	3.78E-02	0.00E+00	-2.94E-03	2.38E-09	7.45E-08	1.77E-01	5.42E+00	0.00E+00	0.00E+00	1.29E+01	3.92E-02	3.68E+01	0.00E+00	3.10E-07	1.34E-07	1.01E-02	1.29E-06	2.53E+00	0.00E+00	3.68E+01	9.41E-06	3.68E+01	3.94E+01	2.53E+00	0.00E+00	0.00E+00	0.00E+00	4.04E+02
VS412PR	1.53E-02	3.61E+00	9.22E-02	3.70E+00	0.00E+00	0.00E+00	1.11E+01	2.51E-05	3.73E-03	3.63E-02	0.00E+00	-2.88E-03	1.98E-09	3.09E-08	1.71E-01	4.85E+00	1.48E-04	0.00E+00	1.16E+01	4.25E-02	3.96E+01	0.00E+00	3.24E-07	1.39E-07	9.54E-03	1.47E-06	2.17E+00	0.00E+00	3.96E+01	1.32E-05	3.96E+01	4.01E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	3.82E+02
VS412PS	1.50E-02	3.80E+00	1.05E-01	3.70E+00	0.00E+00	0.00E+00	1.07E+01	2.05E-05	5.41E-03	3.50E-02	0.00E+00	-4.94E-03	2.00E-09	4.86E-08	1.62E-01	4.60E+00	0.00E+00	0.00E+00	1.09E+01	6.57E-02	3.31E+01	0.00E+00	2.80E-07	1.18E-07	9.16E-03	1.91E-06	2.16E+00	0.00E+00	3.31E+01	8.16E-06	3.31E+01	3.52E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	3.30E+02
VS412PT	3.59E-02	3.43E+00	1.41E-01	3.29E+00	0.00E+00	0.00E+00	2.06E+01	4.00E-05	1.95E-02	3.68E-02	0.00E+00	-2.25E-03	3.82E-09	2.19E-07	2.49E-01	8.73E+00	0.00E+00	0.00E+00	2.09E+01	3.02E-02	5.05E+01	0.00E+00	4.20E-07	1.83E-07	1.13E-02	1.15E-06	3.95E+00	0.00E+00	5.05E+01	1.16E-05	5.05E+01	5.45E+01	3.95E+00	0.00E+00	0.00E+00	0.00E+00	6.75E+02
VS412PY	1.38E-02	3.59E+00	9.20E-02	3.65E+00	0.00E+00	0.00E+00	1.08E+01	1.99E-05	4.04E-03	3.38E-02	0.00E+00	-2.15E-03	1.92E-09	3.31E-08	1.72E-01	4.69E+00	9.62E-07	0.00E+00	1.04E+01	3.20E-02	3.62E+01	0.00E+00	3.02E-07	1.23E-07	8.72E-03	1.04E-06	2.07E+00	0.00E+00	3.62E+01	9.42E-06	3.62E+01	3.70E+01	2.07E+00	0.00E+00	0.00E+00	0.00E+00	3.23E+02
VS412TA	1.48E-02	3.60E+00	7.95E-02	3.69E+00	0.00E+00	0.00E+00	1.13E+01	2.56E-05	3.55E-03	3.59E-02	0.00E+00	-2.79E-04	1.80E-09	2.77E-08	1.62E-01	4.79E+00	5.30E-09	0.00E+00	1.14E+01	2.45E-03	3.76E+01	0.00E+00	3.13E-07	1.36E-07	9.48E-03	3.71E-07	2.17E+00	0.00E+00	3.76E+01	1.32E-05	3.76E+01	3.95E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	3.75E+02
VS412TD	1.40E-02	3.96E+00	5.96E-02	3.90E+00	0.00E+00	0.00E+00	1.01E+01	2.50E-05	3.44E-03	3.71E-02	0.00E+00	9.65E-19	1.76E-09	2.63E-08	1.49E-01	4.56E+00	0.00E+00	0.00E+00	1.09E+01	4.44E-04	3.58E+01	0.00E+00	2.98E-07	1.34E-07	9.87E-03	3.16E-07	2.14E+00	0.00E+00	3.58E+01	1.26E-05	3.58E+01	3.79E+01	2.14E+00	0.00E+00	0.00E+00	0.00E+00	3.57E+02
VS412TE	1.32E-02	3.48E+00	6.57E-02	3.24E+00	0.00E+00	0.00E+00	9.73E+00	2.59E-05	3.25E-03	3.33E-02	0.00E+00	-1.00E-04	1.88E-09	2.46E-08	1.54E-01	4.34E+00	4.61E-09	0.00E+00	1.15E+01	1.61E-03	3.59E+01	0.00E+00	2.95E-07	1.30E-07	8.97E-03	3.75E-07	2.16E+00	0.00E+00	3.59E+01	1.29E-05	3.59E+01	3.74E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	3.68E+02
VS412TF	1.37E-02	3.37E+00	7.05E-02	3.21E+00	0.00E+00	0.00E+00	9.84E+00	2.63E-05	3.49E-03	3.28E-02	0.00E+00	-3.40E-04	1.92E-09	2.85E-08	1.54E-01	4.48E+00	4.61E-09	0.00E+00	1.16E+01	4.69E-03	3.63E+01	0.00E+00	2.96E-07	1.30E-07	9.01E-03	4.28E-07	2.17E+00	0.00E+00	3.63E+01	1.32E-05	3.63E+01	3.83E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	3.67E+02
VS412TJ	1.48E-02	3.58E+00	8.08E-02	3.67E+00	0.00E+00	0.00E+00	1.12E+01	2.55E-05	3.56E-03	3.60E-02	0.00E+00	-3.17E-04	1.74E-09	2.80E-08	1.62E-01	4.80E+00	5.30E-09	0.00E+00	1.14E+01	3.17E-03	3.78E+01	0.00E+00	3.16E-07	1.37E-07	9.45E-03	3.77E-07	2.15E+00	0.00E+00	3.78E+01	1.32E-05	3.78E+01	4.02E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	3.70E+02
VS412TM	1.45E-02	3.57E+00	9.11E-02	3.66E+00	0.00E+00	0.00E+00	1.11E+01	2.73E-05	3.94E-03	3.55E-02	0.00E+00	-1.40E-03	2.01E-09	3.46E-08	1.66E-01	4.86E+00	4.61E-09	0.00E+00	1.20E+01	2.01E-02	3.79E+01	0.00E+00	3.16E-07	1.36E-07	9.46E-03	8.53E-07	2.30E+00	0.00E+00	3.79E+01	1.32E-05	3.79E+01	4.00E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	3.88E+02
VS412TP	1.50E-02	3.84E+00	8.02E-02	3.74E+00	0.00E+00	0.00E+00	1.13E+01	2.60E-05	3.60E-03	3.60E-02	0.00E+00	-2.83E-04	1.80E-09	2.77E-08	1.71E-01	4.89E+00	5.30E-09	0.00E+00	1.18E+01	3.16E-03	3.95E+01	0.00E+00	3.31E-07	1.41E-07	9.73E-03	3.80E-07	2.18E+00	0.00E+00	3.95E+01	1.34E-05	3.95E+01	4.11E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	3.86E+02
VS412TR	1.52E-02	3.59E+00	9.21E-02	3.70E+00	0.00E+00	0.00E+00	1.10E+01	2.52E-05	3.74E-03	3.63E-02	0.00E+00	-2.64E-03	1.88E-09	3.18E-08	1.72E-01	4.83E+00	1.48E-04	0.00E+00	1.16E+01	3.53E-02	3.94E+01	0.00E+00	3.24E-07	1.38E-07	9.54E-03	1.35E-06	2.18E+00	0.00E+00	3.94E+01	1.32E-05	3.94E+01	4.01E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	3.82E+02
VS418PA	1.70E-02	3.20E+00	9.63E-02	3.18E+00	0.00E+00	0.00E+00	1.38E+01	3.14E-05	5.03E-03	3.46E-02	0.00E+00	-1.26E-03	2.64E-09	5.38E-08	2.42E-01	6.35E+00	1.83E-06	0.00E+00	1.54E+01	1.22E-02	4.93E+01	0.00E+00	3.97E-07	1.64E-07	9.99E-03	8.13E-07	3.03E+00	0.00E+00	4.93E+01	1.43E-05	4.93E+01	5.27E+01	3.03E+00	0.00E+00	0.00E+00	0.00E+00	4.66E+02
VS418PD	1.38E-02	3.00E+00	7.81E-02	2.92E+00	0.00E+00	0.00E+00	1.30E+01	2.80E-05	3.24E-03	3.25E-02	0.00E+00	1.24E-18	2.34E-09	3.38E-08	2.42E-01	5.56E+00	0.00E+00	0.00E+00	1.42E+01	5.65E-04	4.65E+01	0.00E+00	3.83E-07	1.45E-07	9.12E-03	4.03E-07	2.82E+00	0.00E+00	4.65E+01	1.35E-05	4.65E+01	4.93E+01	2.82E+00	0.00E+00	0.00E+00	0.00E+00	4.02E+02
VS418PES	1.73E-02	3.22E+00	1.37E-01	3.08E+00	0.00E+00	0.00E+00	1.46E+01	3.20E-05	5.33E-03	3.46E-02	0.00E+00	-6.14E-03	2.62E-09	5.59E-08	2.54E-01	6.26E+00	0.00E+00	0.00E+00	1.59E+01	8.15E-02	4.98E+01	0.00E+00	4.08E-07	1.59E-07	9.88E-03	2.38E-06	3.11E+00	0.00E+00	4.98E+01	1.40E-05	4.98E+01	5.29E+01	3.11E+00	0.00E+00	0.00E+00	0.00E+00	4.65E+02
VS418PF	1.54E-02	3.34E+00	8.40E-02	3.21E+00	0.00E+00	0.00E+00	1.21E+01	2.46E-05	3.87E-03	3.44E-02	0.00E+00	-1.23E-03	2.37E-09	4.50E-08	1.99E-01	5.14E+00	5.30E-09	0.00E+00	1.26E+01	1.17E-02	3.98E+01	0.00E+00	3.32E-07	1.46E-07	9.80E-03	7.20E-07	2.41E+00	0.00E+00	3.98E+01	1.35E-05	3.98E+01	4.29E+01	2.41E+00	0.00E+00	0.00E+00	0.00E+00	3.74E+02
VS418PJ	1.58E-02	3.23E+00	9.26E-02	3.14E+00	0.00E+00	0.00E+00	1.24E+01	2.78E-05	4.15E-03	3.39E-02	0.00E+00	-1.24E-03	2.50E-09	4.57E-08	2.10E-01	5.33E+00	5.04E-09	0.00E+00	1.37E+01	1.16E-02	4.14E+01	0.00E+00	3.42E-07	1.50E-07	9.80E-03	7.67E-07	2.59E+00	0.00E+00	4.14E+01	1.37E-05	4.14E+01	4.48E+01	2.59E+00	0.00E+00	0.00E+00	0.00E+00	4.02E+02
VS418PM	1.88E-02	3.23E+00	1.11E-01	3.24E+00	0.00E+00	0.00E+00	1.54E+01	3.42E-05	6.08E-03	3.49E-02	0.00E+00	-2.12E-03	2.86E-09	8.03E-08	2.52E-01	6.82E+00	4.61E-09	0.00E+00	1.66E+01	2.69E-02	5.00E+01	0.00E+00	4.04E-07	1.67E-07	1.01E-02	1.22E-06	3.22E+00	0.00E+00	5.00E+01	1.46E-05	5.00E+01	5.44E+01	3.22E+00	0.00E+00	0.00E+00	0.00E+00	5.09E+02
VS418PP	2.28E-02	3.56E+00	1.33E-01	3.43E+00	0.00E+00	0.00E+00	1.78E+01	3.89E-05	8.69E-03	3.83E-02	0.00E+00	-3.67E-03	3.18E-09	9.29E-08	2.74E-01	7.43E+00	0.00E+00	0.00E+00	1.89E+01	4.91E-02	5.50E+01	0.00E+00	4.48E-07	1.81E-07	1.12E-02	1.63E-06	3.63E+00	0.00E+00	5.50E+01	1.57E-05	5.50E+01	5.86E+01	3.63E+00	0.00E+00	0.00E+00	0.00E+00	5.73E+02
VS418PR	2.08E-02	4.14E+00	1.26E-01	3.88E+00	0.00E+00	0.00E+00	1.50E+01	3.80E-05	5.19E-03	4.65E-02	0.00E+00	-3.23E-03	2.60E-09	4.07E-08	2.51E-01	6.99E+00	3.65E-06	0.00E+00	1.73E+01	5.40E-02	5.35E+01	0.00E+00	4.34E-07	1.88E-07	1.23E-02	1.91E-06	3.37E+00	0.00E+00	5.35E+01	1.73E-05	5.35E+01	5.78E+01	3.37E+00	0.00E+00	0.00E+00	0.00E+00	5.37E+02
VS418PS	1.81E-02	3.27E+00	1.45E-01	3.12E+00	0.00E+00	0.00E+00	1.52E+01	3.31E-05	5.87E-03	3.49E-02	0.00E+00	-6.87E-03	2.72E-09	6.23E-08	2.55E-01	6.41E+00	0.00E+00	0.00E+00	1.64E+01	9.12E-02	5.02E+01	0.00E+00	4.11E-07	1.61E-07	1.00E-02	2.62E-06	3.19E+00	0.00E+00	5.02E+01	1.39E-05	5.02E+01	5.34E+01	3.19E+00	0.00E+00	0.00E+00	0.00E+00	4.82E+02
VS418PT	5.40E-02	4.85E+00	2.19E-01	4.63E+00	0.00E+00	0.00E+00	3.13E+01	6.00E-05	3.03E-02	5.15E-02	0.00E+00	-4.57E-03	5.79E-09	3.43E-07	3.45E-01	1.28E+01	0.00E+00	0.00E+00	3.07E+01	6.11E-02	7.03E+01	0.00E+00	5.83E-07	2.59E-07	1.60E-02	2.06E-06	5.76E+00	0.00E+00	7.03E+01	1.52E-05	7.03E+01	7.61E+01	5.76E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+03
VS418PY	1.90E-02	3.26E+00	1.14E-01	3.25E+00	0.00E+00	0.00E+00	1.56E+01	3.43E-05	6.08E-03	3.64E-02	0.00E+00	-2.12E-03	2.87E-09	8.07E-08	2.51E-01	6.88E+00	1.83E-06	0.00E+00	1.67E+01	2.64E-02	5.04E+01	0.00E+00	4.08E-07	1.68E-07	1.03E-02	1.23E-06	3.26E+00	0.00E+00	5.04E+01	1.48E-05	5.04E+01	5.47E+01	3.26E+00	0.00E+00	0.00E+00	0.00E+00	5.15E+02
VS418TA	1.90E-02	3.47E+00	9.55E-02	3.64E+00	0.00E+00	0.00E+00	1.46E+01	3.80E-05	4.65E-03	3.82E-02	0.00E+00	-7.33E-04	2.53E-09	3.96E-08	2.46E-01	6.72E+00	1.83E-06	0.00E+00	1.67E+01	8.41E-03	5.35E+01	0.00E+00	4.34E-07	1.82E-07	1.12E-02	5.86E-07	3.21E+00	0.00E+00	5.35E+01	1.84E-05	5.35E+01	5.68E+01	3.21E+00	0.00E+00	0.00E+00	0.00E+00	5.20E+02
VS418TD	1.73E-02	3.48E+00	8.33E-02	3.40E+00	0.00E+00	0.00E+00	1.47E+01	3.92E-05	3.70E-03	3.77E-02	0.00E+00	1.27E-18	2.46E-09	3.77E-08	2.39E-01	6.44E+00	0.00E+00	0.00E+00	1.66E+01	5.79E-04	5.37E+01	0.00E+00	4.34E-07	1.82E-07	1.10E-02	4.13E-07	3.18E+00	0.00E+00	5.37E+01	1.96E-05	5.37E+01	5.69E+01	3.18E+00	0.00E+00	0.00E+00	0.00E+00	5.23E+02
VS418TES	1.87E-02	3.47E+00	1.15E-01	3.67E+00	0.00E+00	0.00E+00	1.46E+01	3.82E-05	4.81E-03	3.84E-02	0.00E+00	-3.39E-03	2.53E-09	4.26E-08	2.46E-01	6.71E+00	1.83E-06	0.00E+00	1.65E+01	4.98E-02	5.35E+01	0.00E+00	4.33E-07	1.82E-07	1.11E-02	1.65E-06	3.23E+00	0.00E+00	5.35E+01	1.81E-05	5.35E+01	5.68E+01	3.23E+00	0.00E+00	0.00E+00	0.00E+00	5.13E+02
VS418TF	1.74E-02	3.49E+00	8.28E-02	3.71E+00	0.00E+00	0.00E+00	1.26E+01	3.48E-05	3.88E-03	3.76E-02	0.00E+00	-6.92E-04	2.06E-09	3.44E-08	2.06E-01	5.69E+00	5.30E-09	0.00E+00	1.45E+01	7.46E-03	4.63E+01	0.00E+00	3.92E-07	1.73E-07	1.11E-02	4.83E-07	2.66E+00	0.00E+00	4.63E+01	1.76E-05	4.63E+01	4.96E+01	2.66E+00	0.00E+00	0.00E+00	0.00E+00	4.66E+02
VS418TJ	1.73E-02	3.48E+00	8.71E-02	3.69E+00	0.00E+00	0.00E+00	1.37E+01	3.68E-05	3.92E-03	3.78E-02	0.00E+00	-6.71E-04	2.39E-09	3.75E-08	2.35E-01	6.10E+00	5.04E-09	0.00E+00	1.58E+01	7.19E-03	5.16E+01	0.00E+00	4.25E-07	1.77E-07	1.11E-02	4.67E-07	3.01E+00	0.00E+00	5.16E+01	1.84E-05	5.16E+01	5.46E+01	3.01E+00	0.00E+00	0.00E+00	0.00E+00	5.01E+02
VS418TM	2.03E-02	3.78E+00	1.10E-01	3.73E+00	0.00E+00	0.00E+00	1.52E+01	3.88E-05	5.05E-03	4.49E-02	0.00E+00	-1.85E-03	2.57E-09	4.44E-08	2.48E-01	6.92E+00	4.61E-09	0.00E+00	1.73E+01	2.68E-02	5.36E+01	0.00E+00	4.36E-07	1.84E-07	1.18E-02	1.06E-06	3.34E+00	0.00E+00	5.36E+01	1.84E-05	5.36E+01	5.74E+01	3.34E+00	0.00E+00	0.00E+00	0.00E+00	5.33E+02
VS418TP	1.96E-02	3.56E+00	9.97E-02	3.74E+00	0.00E+00	0.00E+00	1.49E+01	3.83E-05	4.72E-03	3.99E-02	0.00E+00	-7.33E-04	2.54E-09	3.99E-08	2.47E-01	6.83E+00	1.83E-06	0.00E+00	1.70E+01	8.46E-03	5.31E+01	0.00E+00	4.34E-07	1.83E-07	1.14E-02	6.18E-07	3.27E+00	0.00E+00	5.31E+01	1.85E-05	5.31E+01	5.67E+01	3.27E+00	0.00E+00	0.00E+00	0.00E+00	5.28E+02
VS418TS	1.87E-02	3.47E+00	1.15E-01	3.64E+00	0.00E+00	0.00E+00	1.47E+01	3.83E-05	4.79E-03	3.84E-02	0.00E+00	-3.39E-03	2.54E-09	4.25E-08	2.46E-01	6.71E+00	4.61E-09	0.00E+00	1.66E+01	4.89E-02	5.30E+01	0.00E+00	4.29E-07	1.80E-07	1.10E-02	1.61E-06	3.22E+00	0.00E+00	5.30E+01	1.81E-05	5.30E+01	5.65E+01	3.22E+00	0.00E+00	0.00E+00	0.00E+00	5.16E+02
VS418TY	2.04E-02	3.81E+00	1.09E-01	3.77E+00	0.00E+00	0.00E+00	1.52E+01	3.84E-05	4.99E-03	4.47E-02	0.00E+00	-1.78E-03	2.54E-09	4.44E-08	2.47E-01	6.94E+00	1.83E-06	0.00E+00	1.73E+01	2.58E-02	5.43E+01	0.00E+00	4.42E-07	1.88E-07	1.19E-02	9.76E-07	3.35E+00	0.00E+00	5.43E+01	1.85E-05	5.43E+01	5.83E+01	3.35E+00	0.00E+00	0.00E+00	0.00E+00	5.31E+02
VU12AT	1.21E-02	2.37E+00	9.85E-02	2.43E+00	0.00E+00	0.00E+00	2.22E+01	4.44E-05	3.40E-03	2.55E-02	0.00E+00	-1.53E-03	3.31E-09	6.58E-08	1.72E-01	5.31E+00	5.30E-09	0.00E+00	1.70E+01	2.08E-02	3.59E+01	0.00E+00	2.76E-07	1.18E-07	6.97E-03	8.17E-07	3.02E+00	0.00E+00	3.59E+01	9.24E-06	3.59E+01	3.83E+01	3.02E+00	0.00E+00	0.00E+00	0.00E+00	5.69E+02
VU12DKN	1.14E-02	2.36E+00	8.81E-02	2.41E+00	0.00E+00	0.00E+00	2.06E+01	4.11E-05	3.02E-03	2.49E-02	0.00E+00	-6.87E-04	3.17E-09	5.38E-08	1.65E-01	4.75E+00	5.30E-09	0.00E+00	1.60E+01	1.00E-02	3.33E+01	0.00E+00	2.63E-07	1.11E-07	6.79E-03	5.64E-07	2.79E+00	0.00E+00	3.33E+01	8.93E-06	3.33E+01	3.62E+01	2.79E+00	0.00E+00	0.00E+00	0.00E+00	5.38E+02
VU12EP	1.10E-02	2.25E+00	8.48E-02	2.16E+00	0.00E+00	0.00E+00	1.98E+01	4.07E-05	2.94E-03	2.27E-02	0.00E+00	-5.62E-04	2.78E-09	5.24E-08	1.65E-01	4.84E+00	0.00E+00	0.00E+00	1.54E+01	7.82E-03	3.33E+01	0.00E+00	2.61E-07	1.09E-07	6.38E-03	4.71E-07	2.77E+00	0.00E+00	3.33E+01	8.67E-06	3.33E+01	3.61E+01	2.77E+00	0.00E+00	0.00E+00	0.00E+00	5.12E+02
VU12ET	1.24E-02	2.32E+00	9.47E-02	2.33E+00	0.00E+00	0.00E+00	2.08E+01	3.89E-05	3.40E-03	2.30E-02	0.00E+00	-2.25E-03	3.16E-09	5.87E-08	1.50E-01	4.42E+00	1.78E-06	0.00E+00	1.64E+01	6.49E-02	3.13E+01	0.00E+00	2.53E-07	1.07E-07	6.60E-03	1.08E-06	2.78E+00	0.00E+00	3.13E+01	8.86E-06	3.13E+01	3.39E+01	2.78E+00	0.00E+00	0.00E+00	0.00E+00	5.49E+02
VU12IE	1.28E-02	2.67E+00	9.49E-02	2.77E+00	0.00E+00	0.00E+00	2.09E+01	4.22E-05	3.14E-03	2.69E-02	0.00E+00	-4.55E-04	3.92E-09	5.37E-08	1.67E-01	5.12E+00	5.30E-09	0.00E+00	1.61E+01	6.74E-03	3.51E+01	0.00E+00	2.84E-07	1.20E-07	7.66E-03	6.19E-07	2.87E+00	0.00E+00	3.51E+01	9.40E-06	3.51E+01	3.79E+01	2.87E+00	0.00E+00	0.00E+00	0.00E+00	5.50E+02
VU12LN	1.14E-02	2.66E+00	8.73E-02	2.58E+00	0.00E+00	0.00E+00	2.07E+01	4.15E-05	3.04E-03	2.56E-02	0.00E+00	-5.19E-04	2.95E-09	5.31E-08	1.63E-01	4.92E+00	0.00E+00	0.00E+00	1.57E+01	7.27E-03	3.31E+01	0.00E+00	2.61E-07	1.10E-07	6.94E-03	4.70E-07	2.82E+00	0.00E+00	3.31E+01	8.16E-06	3.31E+01	3.59E+01	2.82E+00	0.00E+00	0.00E+00	0.00E+00	5.26E+02
VU12NA	1.11E-02	2.29E+00	8.63E-02	2.20E+00	0.00E+00	0.00E+00	2.08E+01	4.27E-05	2.84E-03	2.32E-02	0.00E+00	-3.78E-04	2.94E-09	5.32E-08	1.70E-01	4.98E+00	0.00E+00	0.00E+00	1.60E+01	5.41E-03	3.42E+01	0.00E+00	2.67E-07	1.11E-07	6.49E-03	4.20E-07	2.87E+00	0.00E+00	3.42E+01	8.88E-06	3.42E+01	3.71E+01	2.87E+00	0.00E+00	0.00E+00	0.00E+00	5.35E+02
VU12NC	1.47E-02	2.51E+00	1.07E-01	2.41E+00	0.00E+00	0.00E+00	2.29E+01	4.70E-05	5.12E-03	2.54E-02	0.00E+00	-1.66E-03	3.32E-09	7.84E-08	1.82E-01	5.72E+00	0.00E+00	0.00E+00	1.79E+01	2.24E-02	3.73E+01	0.00E+00	2.91E-07	1.24E-07	7.26E-03	8.53E-07	3.20E+00	0.00E+00	3.73E+01	9.41E-06	3.73E+01	4.05E+01	3.20E+00	0.00E+00	0.00E+00	0.00E+00	6.03E+02
VU12ND	1.28E-02	2.90E+00	9.94E-02	2.80E+00	0.00E+00	0.00E+00	2.21E+01	4.73E-05	3.37E-03	2.77E-02	0.00E+00	-8.44E-04	4.85E-09	5.89E-08	1.72E-01	5.43E+00	0.00E+00	0.00E+00	1.99E+01	1.16E-02	3.58E+01	0.00E+00	2.77E-07	1.25E-07	7.57E-03	5.82E-07	3.30E+00	0.00E+00	3.58E+01	1.01E-05	3.58E+01	3.91E+01	3.30E+00	0.00E+00	0.00E+00	0.00E+00	7.05E+02
VU12NE	1.08E-02	2.36E+00	8.42E-02	2.28E+00	0.00E+00	0.00E+00	2.12E+01	4.34E-05	2.47E-03	2.38E-02	0.00E+00	-1.08E-05	3.00E-09	5.00E-08	1.73E-01	5.01E+00	0.00E+00	0.00E+00	1.62E+01	5.73E-04	3.48E+01	0.00E+00	2.73E-07	1.13E-07	6.63E-03	3.10E-07	2.91E+00	0.00E+00	3.48E+01	9.12E-06	3.48E+01	3.77E+01	2.91E+00	0.00E+00	0.00E+00	0.00E+00	5.40E+02
VU12NG	1.30E-02	2.40E+00	1.05E-01	2.48E+00	0.00E+00	0.00E+00	2.15E+01	4.22E-05	3.28E-03	2.54E-02	0.00E+00	-1.49E-03	3.17E-09	5.99E-08	1.64E-01	5.09E+00	5.30E-09	0.00E+00	1.64E+01	4.54E-02	3.49E+01	0.00E+00	2.70E-07	1.15E-07	7.28E-03	8.24E-07	2.87E+00	0.00E+00	3.49E+01	9.15E-06	3.49E+01	3.73E+01	2.87E+00	0.00E+00	0.00E+00	0.00E+00	5.58E+02
VU12NK	4.48E-03	1.14E+00	1.76E-02	1.11E+00	0.00E+00	0.00E+00	2.30E+00	3.15E-06	8.76E-04	1.14E-02	0.00E+00	-1.72E-03	5.02E-10	9.18E-09	3.59E-02	1.15E+00	1.09E-06	0.00E+00	2.98E+00	1.43E-02	7.94E+00	0.00E+00	6.87E-08	3.13E-08	3.14E-03	4.05E-07	5.27E-01	0.00E+00	7.94E+00	1.94E-06	7.94E+00	8.37E+00	5.27E-01	0.00E+00	0.00E+00	0.00E+00	9.11E+01
VU12NN	1.28E-02	2.37E+00	1.05E-01	2.39E+00	0.00E+00	0.00E+00	2.21E+01	4.30E-05	4.17E-03	2.60E-02	0.00E+00	-1.67E-03	3.28E-09	6.62E-08	1.73E-01	5.29E+00	5.20E-09	0.00E+00	1.69E+01	2.18E-02	3.57E+01	0.00E+00	2.78E-07	1.18E-07	7.06E-03	8.58E-07	2.97E+00	0.00E+00	3.57E+01	9.26E-06	3.57E+01	3.89E+01	2.97E+00	0.00E+00	0.00E+00	0.00E+00	5.71E+02
VU12NP	1.31E-02	2.50E+00	9.88E-02	2.51E+00	0.00E+00	0.00E+00	2.18E+01	4.23E-05	3.57E-03	2.54E-02	0.00E+00	-1.47E-03	3.20E-09	6.25E-08	1.66E-01	5.18E+00	5.30E-09	0.00E+00	1.64E+01	2.13E-02	3.50E+01	0.00E+00	2.72E-07	1.16E-07	7.41E-03	8.54E-07	2.89E+00	0.00E+00	3.50E+01	9.19E-06	3.50E+01	3.75E+01	2.89E+00	0.00E+00	0.00E+00	0.00E+00	5.64E+02
VU12NR	1.16E-02	2.34E+00	9.24E-02	2.39E+00	0.00E+00	0.00E+00	2.05E+01	4.30E-05	3.07E-03	2.54E-02	0.00E+00	-7.65E-04	3.25E-09	5.44E-08	1.68E-01	5.05E+00	5.30E-09	0.00E+00	1.64E+01	1.08E-02	3.49E+01	0.00E+00	2.68E-07	1.15E-07	6.86E-03	5.68E-07	2.93E+00	0.00E+00	3.49E+01	8.97E-06	3.49E+01	3.76E+01	2.93E+00	0.00E+00	0.00E+00	0.00E+00	5.46E+02
VU12NSG	1.26E-02	2.50E+00	9.51E-02	2.56E+00	0.00E+00	0.00E+00	2.09E+01	4.17E-05	3.15E-03	2.54E-02	0.00E+00	-5.00E-04	3.28E-09	5.38E-08	1.66E-01	5.28E+00	5.30E-09	0.00E+00	1.62E+01	6.73E-03	3.50E+01	0.00E+00	2.68E-07	1.16E-07	7.27E-03	6.04E-07	2.88E+00	0.00E+00	3.50E+01	9.26E-06	3.50E+01	3.86E+01	2.88E+00	0.00E+00	0.00E+00	0.00E+00	5.55E+02
VU12UA	1.14E-02	2.37E+00	8.77E-02	2.40E+00	0.00E+00	0.00E+00	2.06E+01	4.11E-05	2.94E-03	2.53E-02	0.00E+00	-6.39E-04	3.29E-09	5.38E-08	1.64E-01	4.60E+00	5.30E-09	0.00E+00	1.60E+01	9.82E-03	3.27E+01	0.00E+00	2.64E-07	1.11E-07	6.74E-03	5.90E-07	2.77E+00	0.00E+00	3.27E+01	9.09E-06	3.27E+01	3.59E+01	2.77E+00	0.00E+00	0.00E+00	0.00E+00	5.40E+02
VU24EP	1.58E-02	3.05E+00	1.35E-01	2.92E+00	0.00E+00	0.00E+00	3.36E+01	6.84E-05	4.17E-03	3.09E-02	0.00E+00	-1.07E-03	5.65E-09	8.64E-08	2.37E-01	7.33E+00	0.00E+00	0.00E+00	2.47E+01	1.47E-02	4.83E+01	0.00E+00	3.71E-07	1.58E-07	8.77E-03	7.60E-07	4.34E+00	0.00E+00	4.83E+01	1.22E-05	4.83E+01	5.27E+01	4.34E+00	0.00E+00	0.00E+00	0.00E+00	8.40E+02
VU24ET	1.50E-02	3.37E+00	1.40E-01	3.08E+00	0.00E+00	0.00E+00	3.19E+01	6.70E-05	3.97E-03	3.09E-02	0.00E+00	-1.02E-03	5.66E-09	7.82E-08	1.93E-01	6.39E+00	5.20E-09	0.00E+00	2.35E+01	3.77E-02	4.07E+01	0.00E+00	3.20E-07	1.42E-07	8.36E-03	7.26E-07	3.98E+00	0.00E+00	4.07E+01	1.03E-05	4.07E+01	4.50E+01	3.98E+00	0.00E+00	0.00E+00	0.00E+00	8.32E+02
VU24IE	1.73E-02	3.53E+00	1.24E-01	3.32E+00	0.00E+00	0.00E+00	3.52E+01	6.81E-05	4.44E-03	3.40E-02	0.00E+00	-5.66E-04	5.35E-09	7.58E-08	2.38E-01	7.24E+00	5.30E-09	0.00E+00	2.40E+01	8.49E-03	4.95E+01	0.00E+00	3.89E-07	1.69E-07	9.81E-03	6.83E-07	4.21E+00	0.00E+00	4.95E+01	1.23E-05	4.95E+01	5.38E+01	4.21E+00	0.00E+00	0.00E+00	0.00E+00	8.18E+02
VU24LN	1.66E-02	3.62E+00	1.38E-01	3.48E+00	0.00E+00	0.00E+00	3.47E+01	6.95E-05	4.51E-03	3.49E-02	0.00E+00	-9.29E-04	5.86E-09	8.90E-08	2.37E-01	7.50E+00	0.00E+00	0.00E+00	2.51E+01	1.29E-02	4.84E+01	0.00E+00	3.74E-07	1.62E-07	9.60E-03	7.33E-07	4.42E+00	0.00E+00	4.84E+01	1.17E-05	4.84E+01	5.28E+01	4.42E+00	0.00E+00	0.00E+00	0.00E+00	8.60E+02
VU24NA	1.55E-02	3.10E+00	1.36E-01	2.96E+00	0.00E+00	0.00E+00	3.45E+01	7.03E-05	3.80E-03	3.13E-02	0.00E+00	-8.86E-04	5.79E-09	8.43E-08	2.42E-01	7.42E+00	0.00E+00	0.00E+00	2.52E+01	1.23E-02	4.92E+01	0.00E+00	3.77E-07	1.60E-07	8.86E-03	7.09E-07	4.42E+00	0.00E+00	4.92E+01	1.25E-05	4.92E+01	5.36E+01	4.42E+00	0.00E+00	0.00E+00	0.00E+00	8.59E+02
VU24NC	1.71E-02	3.44E+00	1.40E-01	3.30E+00	0.00E+00	0.00E+00	3.56E+01	7.38E-05	5.39E-03	3.32E-02	0.00E+00	-2.36E-03	5.74E-09	1.01E-07	2.33E-01	7.23E+00	1.45E-06	0.00E+00	2.75E+01	4.37E-02	4.92E+01	0.00E+00	3.82E-07	1.68E-07	9.97E-03	1.19E-06	4.58E+00	0.00E+00	4.92E+01	1.32E-05	4.92E+01	5.31E+01	4.58E+00	0.00E+00	0.00E+00	0.00E+00	9.50E+02
VU24NCT	1.22E-02	2.55E+00	8.96E-02	2.78E+00	0.00E+00	0.00E+00	2.69E+01	5.71E-05	2.97E-03	2.78E-02	0.00E+00	-5.54E-04	5.02E-09	6.47E-08	1.71E-01	5.60E+00	5.30E-09	0.00E+00	2.13E+01	9.76E-03	3.69E+01	0.00E+00	2.92E-07	1.24E-07	7.32E-03	4.99E-07	3.64E+00	0.00E+00	3.69E+01	9.53E-06	3.69E+01	4.03E+01	3.64E+00	0.00E+00	0.00E+00	0.00E+00	7.68E+02
VU24ND	1.74E-02	3.86E+00	1.48E-01	3.71E+00	0.00E+00	0.00E+00	3.60E+01	7.53E-05	4.31E-03	3.71E-02	0.00E+00	-1.07E-03	7.74E-09	8.89E-08	2.45E-01	7.94E+00	0.00E+00	0.00E+00	2.93E+01	1.47E-02	5.13E+01	0.00E+00	3.91E-07	1.76E-07	1.02E-02	7.88E-07	4.89E+00	0.00E+00	5.13E+01	1.39E-05	5.13E+01	5.62E+01	4.89E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+03
VU24NE	1.65E-02	3.42E+00	1.34E-01	3.29E+00	0.00E+00	0.00E+00	3.61E+01	7.39E-05	3.81E-03	3.28E-02	0.00E+00	-5.19E-04	5.71E-09	8.55E-08	2.33E-01	7.08E+00	5.30E-09	0.00E+00	2.70E+01	6.84E-03	4.93E+01	0.00E+00	3.80E-07	1.66E-07	9.87E-03	6.65E-07	4.54E+00	0.00E+00	4.93E+01	1.29E-05	4.93E+01	5.28E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	9.31E+02
VU24NG	1.69E-02	3.50E+00	1.35E-01	3.33E+00	0.00E+00	0.00E+00	3.39E+01	6.73E-05	4.96E-03	3.28E-02	0.00E+00	-1.81E-03	5.29E-09	8.73E-08	2.29E-01	6.80E+00	2.92E-05	0.00E+00	2.36E+01	4.97E-02	4.76E+01	0.00E+00	3.84E-07	1.66E-07	9.62E-03	1.02E-06	4.12E+00	0.00E+00	4.76E+01	1.22E-05	4.76E+01	5.17E+01	4.12E+00	0.00E+00	0.00E+00	0.00E+00	8.16E+02
VU24NH	1.71E-02	3.46E+00	1.39E-01	3.33E+00	0.00E+00	0.00E+00	3.56E+01	7.35E-05	6.56E-03	3.35E-02	0.00E+00	-1.89E-03	5.76E-09	1.11E-07	2.34E-01	7.27E+00	3.58E-09	0.00E+00	2.74E+01	2.63E-02	4.93E+01	0.00E+00	3.84E-07	1.68E-07	1.00E-02	1.01E-06	4.60E+00	0.00E+00	4.93E+01	1.31E-05	4.93E+01	5.34E+01	4.60E+00	0.00E+00	0.00E+00	0.00E+00	9.56E+02
VU24NN	1.74E-02	3.43E+00	1.39E-01	3.32E+00	0.00E+00	0.00E+00	3.65E+01	7.45E-05	6.81E-03	3.34E-02	0.00E+00	-1.99E-03	5.78E-09	1.11E-07	2.38E-01	7.48E+00	1.10E-05	0.00E+00	2.69E+01	2.62E-02	5.01E+01	0.00E+00	3.86E-07	1.71E-07	1.01E-02	1.04E-06	4.52E+00	0.00E+00	5.01E+01	1.32E-05	5.01E+01	5.45E+01	4.52E+00	0.00E+00	0.00E+00	0.00E+00	9.46E+02
VU24NP	1.73E-02	3.53E+00	1.26E-01	3.36E+00	0.00E+00	0.00E+00	3.42E+01	6.79E-05	4.95E-03	3.37E-02	0.00E+00	-1.71E-03	5.33E-09	8.71E-08	2.26E-01	6.91E+00	2.01E-05	0.00E+00	2.49E+01	2.33E-02	4.76E+01	0.00E+00	3.83E-07	1.67E-07	9.87E-03	1.00E-06	4.26E+00	0.00E+00	4.76E+01	1.25E-05	4.76E+01	5.18E+01	4.26E+00	0.00E+00	0.00E+00	0.00E+00	8.39E+02
VU24NR	1.66E-02	3.35E+00	1.33E-01	3.18E+00	0.00E+00	0.00E+00	3.40E+01	7.13E-05	3.86E-03	3.25E-02	0.00E+00	-9.94E-04	5.63E-09	8.73E-08	2.06E-01	6.61E+00	5.48E-06	0.00E+00	2.63E+01	1.34E-02	4.36E+01	0.00E+00	3.37E-07	1.61E-07	9.86E-03	7.38E-07	4.48E+00	0.00E+00	4.36E+01	1.22E-05	4.36E+01	4.80E+01	4.48E+00	0.00E+00	0.00E+00	0.00E+00	9.01E+02
VU24NSG	1.73E-02	3.52E+00	1.24E-01	3.25E+00	0.00E+00	0.00E+00	3.51E+01	6.77E-05	4.35E-03	3.23E-02	0.00E+00	-5.47E-04	5.09E-09	7.53E-08	2.39E-01	7.12E+00	6.75E-05	0.00E+00	2.34E+01	8.25E-03	4.94E+01	0.00E+00	3.89E-07	1.69E-07	9.60E-03	6.82E-07	4.09E+00	0.00E+00	4.94E+01	1.23E-05	4.94E+01	5.39E+01	4.09E+00	0.00E+00	0.00E+00	0.00E+00	8.00E+02
VU24NWB	1.36E-02	2.98E+00	1.05E-01	3.08E+00	0.00E+00	0.00E+00	2.99E+01	5.98E-05	3.25E-03	3.08E-02	0.00E+00	-5.95E-04	5.58E-09	6.49E-08	1.87E-01	5.99E+00	5.30E-09	0.00E+00	2.20E+01	9.78E-03	3.92E+01	0.00E+00	3.07E-07	1.29E-07	8.27E-03	5.15E-07	3.83E+00	0.00E+00	3.92E+01	1.02E-05	3.92E+01	4.22E+01	3.83E+00	0.00E+00	0.00E+00	0.00E+00	7.85E+02
VU24UA	1.66E-02	3.42E+00	1.33E-01	3.24E+00	0.00E+00	0.00E+00	3.42E+01	7.12E-05	3.86E-03	3.23E-02	0.00E+00	-1.71E-03	5.67E-09	8.44E-08	2.05E-01	6.54E+00	2.01E-06	0.00E+00	2.63E+01	3.54E-02	4.36E+01	0.00E+00	3.38E-07	1.61E-07	9.82E-03	9.97E-07	4.47E+00	0.00E+00	4.36E+01	1.23E-05	4.36E+01	4.82E+01	4.47E+00	0.00E+00	0.00E+00	0.00E+00	9.03E+02
VU36AT	2.26E-02	4.21E+00	1.76E-01	4.03E+00	0.00E+00	0.00E+00	4.04E+01	8.26E-05	6.96E-03	4.23E-02	0.00E+00	-2.03E-03	5.74E-09	1.20E-07	3.07E-01	9.52E+00	0.00E+00	0.00E+00	3.08E+01	2.75E-02	6.27E+01	0.00E+00	4.86E-07	2.07E-07	1.20E-02	1.19E-06	5.46E+00	0.00E+00	6.27E+01	1.58E-05	6.27E+01	6.81E+01	5.46E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+03
VU36DKN	1.96E-02	3.99E+00	1.56E-01	3.79E+00	0.00E+00	0.00E+00	3.68E+01	7.73E-05	4.88E-03	4.08E-02	0.00E+00	-1.05E-03	5.54E-09	9.27E-08	2.83E-01	8.56E+00	5.48E-06	0.00E+00	2.90E+01	1.51E-02	5.84E+01	0.00E+00	4.64E-07	1.97E-07	1.17E-02	8.46E-07	5.07E+00	0.00E+00	5.84E+01	1.52E-05	5.84E+01	6.37E+01	5.07E+00	0.00E+00	0.00E+00	0.00E+00	9.87E+02
VU36EP	1.99E-02	4.00E+00	1.58E-01	3.84E+00	0.00E+00	0.00E+00	3.77E+01	7.72E-05	5.38E-03	4.02E-02	0.00E+00	-1.11E-03	5.28E-09	1.00E-07	2.93E-01	8.82E+00	0.00E+00	0.00E+00	2.87E+01	1.54E-02	5.95E+01	0.00E+00	4.63E-07	1.95E-07	1.13E-02	8.76E-07	5.11E+00	0.00E+00	5.95E+01	1.52E-05	5.95E+01	6.46E+01	5.11E+00	0.00E+00	0.00E+00	0.00E+00	9.64E+02
VU36IE	2.17E-02	4.67E+00	1.53E-01	3.95E+00	0.00E+00	0.00E+00	3.70E+01	7.77E-05	5.32E-03	4.54E-02	0.00E+00	-6.53E-04	5.37E-09	7.97E-08	2.86E-01	8.67E+00	1.46E-05	0.00E+00	2.71E+01	9.71E-03	6.03E+01	0.00E+00	4.95E-07	2.15E-07	1.26E-02	9.12E-07	4.86E+00	0.00E+00	6.03E+01	1.66E-05	6.03E+01	6.57E+01	4.86E+00	0.00E+00	0.00E+00	0.00E+00	9.07E+02
VU36LN	2.10E-02	4.62E+00	1.62E-01	4.46E+00	0.00E+00	0.00E+00	3.90E+01	7.83E-05	6.02E-03	4.46E-02	0.00E+00	-1.11E-03	5.52E-09	1.06E-07	2.90E-01	9.02E+00	0.00E+00	0.00E+00	2.91E+01	1.54E-02	5.92E+01	0.00E+00	4.63E-07	1.98E-07	1.22E-02	8.93E-07	5.19E+00	0.00E+00	5.92E+01	1.45E-05	5.92E+01	6.44E+01	5.19E+00	0.00E+00	0.00E+00	0.00E+00	9.87E+02

VU36NA	1.89E-02	3.98E+00	1.56E-01	3.83E+00	0.00E+00	0.00E+00	3.83E+01	7.84E-05	4.57E-03	4.01E-02	0.00E+00	-8.86E-04	5.36E-09	9.33E-08	2.95E-01	8.77E+00	0.00E+00	0.00E+00	2.89E+01	1.24E-02	5.97E+01	0.00E+00	4.63E-07	1.94E-07	1.12E-02	8.06E-07	5.13E+00	0.00E+00	5.97E+01	1.53E-05	5.97E+01	6.48E+01	5.13E+00	0.00E+00	0.00E+00	0.00E+00	9.70E+02
VU36NC	2.05E-02	4.29E+00	1.64E-01	4.16E+00	0.00E+00	0.00E+00	3.78E+01	7.92E-05	7.50E-03	4.30E-02	0.00E+00	-1.95E-03	5.70E-09	1.15E-07	2.89E-01	8.89E+00	2.80E-09	0.00E+00	3.06E+01	2.63E-02	5.91E+01	0.00E+00	4.67E-07	1.98E-07	1.21E-02	1.15E-06	5.25E+00	0.00E+00	5.91E+01	1.59E-05	5.91E+01	6.48E+01	5.25E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+03
VU36NCT	1.33E-02	2.88E+00	1.15E-01	2.76E+00	0.00E+00	0.00E+00	3.02E+01	6.21E-05	2.64E-03	2.94E-02	0.00E+00	-1.08E-05	3.98E-09	6.57E-08	2.29E-01	6.69E+00	0.00E+00	0.00E+00	2.26E+01	7.05E-04	4.62E+01	0.00E+00	3.56E-07	1.48E-07	8.27E-03	4.04E-07	3.99E+00	0.00E+00	4.62E+01	1.20E-05	4.62E+01	5.01E+01	3.99E+00	0.00E+00	0.00E+00	0.00E+00	7.57E+02
VU36ND	2.25E-02	4.85E+00	1.73E-01	4.68E+00	0.00E+00	0.00E+00	4.03E+01	8.38E-05	6.32E-03	4.66E-02	0.00E+00	-1.25E-03	7.40E-09	1.11E-07	2.98E-01	9.50E+00	0.00E+00	0.00E+00	3.33E+01	1.73E-02	6.18E+01	0.00E+00	4.79E-07	2.13E-07	1.28E-02	9.46E-07	5.66E+00	0.00E+00	6.18E+01	1.65E-05	6.18E+01	6.75E+01	5.66E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+03
VU36NE	1.87E-02	4.13E+00	1.52E-01	3.98E+00	0.00E+00	0.00E+00	3.88E+01	7.94E-05	4.21E-03	4.14E-02	0.00E+00	-1.52E-04	5.44E-09	9.02E-08	2.99E-01	8.86E+00	0.00E+00	0.00E+00	2.92E+01	2.76E-03	6.07E+01	0.00E+00	4.73E-07	1.98E-07	1.15E-02	5.84E-07	5.19E+00	0.00E+00	6.07E+01	1.57E-05	6.07E+01	6.59E+01	5.19E+00	0.00E+00	0.00E+00	0.00E+00	9.81E+02
VU36NG	2.06E-02	4.04E+00	1.65E-01	3.89E+00	0.00E+00	0.00E+00	3.64E+01	7.59E-05	7.75E-03	4.23E-02	0.00E+00	-1.99E-03	5.40E-09	9.57E-08	2.76E-01	8.29E+00	4.02E-05	0.00E+00	2.68E+01	5.28E-02	5.50E+01	0.00E+00	4.54E-07	1.90E-07	1.20E-02	1.21E-06	4.68E+00	0.00E+00	5.50E+01	1.56E-05	5.50E+01	6.09E+01	4.68E+00	0.00E+00	0.00E+00	0.00E+00	9.14E+02
VU36NH	2.14E-02	4.36E+00	1.65E-01	4.08E+00	0.00E+00	0.00E+00	3.75E+01	7.98E-05	7.63E-03	4.46E-02	0.00E+00	-2.13E-03	5.81E-09	1.26E-07	2.88E-01	9.04E+00	7.30E-06	0.00E+00	3.13E+01	2.97E-02	5.95E+01	0.00E+00	4.67E-07	2.03E-07	1.23E-02	1.25E-06	5.38E+00	0.00E+00	5.95E+01	1.59E-05	5.95E+01	6.52E+01	5.38E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+03
VU36NKM	7.11E-03	2.20E+00	3.70E-02	1.70E+00	0.00E+00	0.00E+00	4.81E+00	1.02E-05	2.26E-03	1.79E-02	0.00E+00	-2.34E-03	1.18E-09	1.52E-08	8.35E-02	2.19E+00	5.30E-09	0.00E+00	6.30E+00	2.82E-02	1.63E+01	0.00E+00	1.40E-07	6.03E-08	4.74E-03	5.71E-07	1.11E+00	0.00E+00	1.63E+01	3.45E-06	1.63E+01	1.73E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+02
VU36NMB	1.84E-02	4.48E+00	1.34E-01	3.96E+00	0.00E+00	0.00E+00	3.57E+01	7.07E-05	4.64E-03	4.51E-02	0.00E+00	-1.18E-03	5.34E-09	7.29E-08	2.68E-01	7.66E+00	4.19E-06	0.00E+00	2.55E+01	1.39E-02	5.24E+01	0.00E+00	4.45E-07	1.90E-07	1.21E-02	6.46E-07	4.49E+00	0.00E+00	5.24E+01	1.55E-05	5.24E+01	5.89E+01	4.49E+00	0.00E+00	0.00E+00	0.00E+00	8.70E+02
VU36NN	2.07E-02	4.03E+00	1.65E-01	3.95E+00	0.00E+00	0.00E+00	3.81E+01	7.83E-05	7.84E-03	4.12E-02	0.00E+00	-2.10E-03	5.74E-09	1.26E-07	2.90E-01	9.02E+00	2.80E-09	0.00E+00	2.99E+01	2.82E-02	5.90E+01	0.00E+00	4.66E-07	1.98E-07	1.18E-02	1.19E-06	5.17E+00	0.00E+00	5.90E+01	1.60E-05	5.90E+01	6.47E+01	5.17E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+03
VU36NP	2.39E-02	4.70E+00	1.59E-01	4.05E+00	0.00E+00	0.00E+00	3.67E+01	7.92E-05	7.95E-03	4.60E-02	0.00E+00	-1.99E-03	5.44E-09	9.69E-08	2.85E-01	8.74E+00	5.48E-05	0.00E+00	2.85E+01	2.96E-02	5.97E+01	0.00E+00	4.91E-07	2.14E-07	1.31E-02	1.45E-06	4.99E+00	0.00E+00	5.97E+01	1.71E-05	5.97E+01	6.57E+01	4.99E+00	0.00E+00	0.00E+00	0.00E+00	9.55E+02
VU36NR	1.97E-02	3.98E+00	1.57E-01	3.88E+00	0.00E+00	0.00E+00	3.70E+01	7.70E-05	4.89E-03	4.17E-02	0.00E+00	-1.07E-03	5.69E-09	9.35E-08	2.86E-01	8.71E+00	5.48E-06	0.00E+00	2.91E+01	1.49E-02	5.87E+01	0.00E+00	4.65E-07	1.97E-07	1.19E-02	8.44E-07	5.11E+00	0.00E+00	5.87E+01	1.53E-05	5.87E+01	6.43E+01	5.11E+00	0.00E+00	0.00E+00	0.00E+00	9.87E+02
VU36NRM	1.55E-02	3.63E+00	1.10E-01	3.58E+00	0.00E+00	0.00E+00	3.26E+01	6.81E-05	3.57E-03	3.51E-02	0.00E+00	-1.37E-03	5.52E-09	7.95E-08	2.40E-01	7.12E+00	2.34E-06	0.00E+00	2.50E+01	2.13E-02	4.69E+01	0.00E+00	3.74E-07	1.56E-07	9.92E-03	5.95E-07	4.58E+00	0.00E+00	4.69E+01	1.29E-05	4.69E+01	5.35E+01	4.58E+00	0.00E+00	0.00E+00	0.00E+00	8.65E+02
VU36NSG	2.21E-02	4.41E+00	1.51E-01	4.18E+00	0.00E+00	0.00E+00	3.71E+01	8.06E-05	5.42E-03	4.38E-02	0.00E+00	-7.75E-04	5.25E-09	8.02E-08	2.82E-01	8.41E+00	1.28E-05	0.00E+00	2.77E+01	1.16E-02	5.95E+01	0.00E+00	4.95E-07	2.11E-07	1.27E-02	9.85E-07	4.93E+00	0.00E+00	5.95E+01	1.71E-05	5.95E+01	6.52E+01	4.93E+00	0.00E+00	0.00E+00	0.00E+00	9.27E+02
VU36NW	2.07E-02	4.14E+00	1.61E-01	4.31E+00	0.00E+00	0.00E+00	3.96E+01	7.95E-05	4.84E-03	4.41E-02	0.00E+00	-2.18E-03	6.70E-09	9.60E-08	3.03E-01	9.37E+00	8.90E-09	0.00E+00	3.08E+01	2.98E-02	6.22E+01	0.00E+00	4.88E-07	2.10E-07	1.25E-02	1.13E-06	5.34E+00	0.00E+00	6.22E+01	1.66E-05	6.22E+01	6.88E+01	5.34E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+03
VU36UA	2.39E-02	4.89E+00	1.60E-01	4.21E+00	0.00E+00	0.00E+00	3.79E+01	8.16E-05	5.43E-03	4.73E-02	0.00E+00	-9.03E-04	5.77E-09	9.45E-08	3.05E-01	9.31E+00	4.51E-09	0.00E+00	3.10E+01	1.22E-02	6.78E+01	0.00E+00	5.36E-07	2.30E-07	1.38E-02	9.35E-07	5.42E+00	0.00E+00	6.78E+01	1.73E-05	6.78E+01	7.32E+01	5.42E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+03
VU36WWH	1.92E-02	3.67E+00	1.56E-01	4.03E+00	0.00E+00	0.00E+00	3.88E+01	7.80E-05	4.73E-03	3.75E-02	0.00E+00	-2.85E-03	6.68E-09	9.46E-08	2.88E-01	9.13E+00	2.08E-06	0.00E+00	3.04E+01	7.40E-02	5.89E+01	0.00E+00	4.41E-07	1.90E-07	1.07E-02	1.33E-06	5.27E+00	0.00E+00	5.89E+01	1.53E-05	5.89E+01	6.63E+01	5.27E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+03
VU48AT	2.64E-02	4.96E+00	2.05E-01	4.76E+00	0.00E+00	0.00E+00	4.74E+01	9.68E-05	8.02E-03	4.98E-02	0.00E+00	-2.21E-03	6.70E-09	1.39E-07	3.62E-01	1.12E+01	0.00E+00	0.00E+00	3.61E+01	3.01E-02	7.37E+01	0.00E+00	5.72E-07	2.43E-07	1.41E-02	1.35E-06	6.41E+00	0.00E+00	7.37E+01	1.86E-05	7.37E+01	8.01E+01	6.41E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+03
VU48EP	2.38E-02	4.78E+00	1.89E-01	4.59E+00	0.00E+00	0.00E+00	4.49E+01	9.19E-05	6.50E-03	4.81E-02	0.00E+00	-1.48E-03	6.28E-09	1.20E-07	3.49E-01	1.05E+01	0.00E+00	0.00E+00	3.42E+01	2.04E-02	7.09E+01	0.00E+00	5.51E-07	2.32E-07	1.35E-02	1.09E-06	6.09E+00	0.00E+00	7.09E+01	1.81E-05	7.09E+01	7.70E+01	6.09E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+03
VU48ET	2.50E-02	4.99E+00	1.83E-01	4.55E+00	0.00E+00	0.00E+00	3.80E+01	8.59E-05	6.71E-03	4.76E-02	0.00E+00	-2.06E-03	6.41E-09	1.08E-07	3.02E-01	9.84E+00	1.28E-05	0.00E+00	3.21E+01	5.33E-02	6.86E+01	0.00E+00	5.41E-07	2.34E-07	1.37E-02	1.37E-06	5.64E+00	0.00E+00	6.86E+01	1.79E-05	6.86E+01	7.40E+01	5.64E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+03
VU48IE	2.42E-02	5.56E+00	1.87E-01	4.50E+00	0.00E+00	0.00E+00	4.58E+01	9.24E-05	6.45E-03	5.27E-02	0.00E+00	-8.25E-04	5.95E-09	8.95E-08	3.49E-01	1.04E+01	3.47E-05	0.00E+00	3.10E+01	1.39E-02	7.26E+01	0.00E+00	6.06E-07	2.51E-07	1.47E-02	1.19E-06	5.75E+00	0.00E+00	7.26E+01	1.70E-05	7.26E+01	8.04E+01	5.75E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+03
VU48LN	2.59E-02	5.52E+00	1.99E-01	5.32E+00	0.00E+00	0.00E+00	4.65E+01	9.35E-05	7.78E-03	5.32E-02	0.00E+00	-1.85E-03	6.58E-09	1.32E-07	3.45E-01	1.08E+01	0.00E+00	0.00E+00	3.49E+01	2.53E-02	7.06E+01	0.00E+00	5.52E-07	2.37E-07	1.46E-02	1.23E-06	6.21E+00	0.00E+00	7.06E+01	1.72E-05	7.06E+01	7.68E+01	6.21E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+03
VU48MMV	2.34E-02	5.03E+00	1.73E-01	5.27E+00	0.00E+00	0.00E+00	3.93E+01	8.52E-05	5.04E-03	4.96E-02	0.00E+00	-2.36E-03	7.04E-09	9.57E-08	3.15E-01	9.77E+00	2.41E-08	0.00E+00	3.20E+01	3.40E-02	7.00E+01	0.00E+00	5.52E-07	2.42E-07	1.46E-02	1.32E-06	5.59E+00	0.00E+00	7.00E+01	2.17E-05	7.00E+01	7.50E+01	5.59E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+03
VU48NA	2.27E-02	4.75E+00	1.86E-01	4.56E+00	0.00E+00	0.00E+00	4.53E+01	9.27E-05	5.66E-03	4.78E-02	0.00E+00	-1.07E-03	6.33E-09	1.13E-07	3.50E-01	1.04E+01	0.00E+00	0.00E+00	3.43E+01	1.50E-02	7.09E+01	0.00E+00	5.51E-07	2.31E-07	1.34E-02	9.63E-07	6.09E+00	0.00E+00	7.09E+01	1.82E-05	7.09E+01	7.70E+01	6.09E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+03
VU48NC	2.70E-02	5.02E+00	2.09E-01	4.81E+00	0.00E+00	0.00E+00	4.78E+01	9.77E-05	8.35E-03	5.04E-02	0.00E+00	-2.40E-03	6.76E-09	1.42E-07	3.65E-01	1.13E+01	0.00E+00	0.00E+00	3.64E+01	3.25E-02	7.45E+01	0.00E+00	5.78E-07	2.47E-07	1.43E-02	1.41E-06	6.47E+00	0.00E+00	7.45E+01	1.88E-05	7.45E+01	8.09E+01	6.47E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+03
VU48NCT	1.87E-02	3.61E+00	1.27E-01	3.76E+00	0.00E+00	0.00E+00	3.63E+01	7.45E-05	4.42E-03	3.51E-02	0.00E+00	-1.67E-03	6.36E-09	9.14E-08	2.83E-01	8.88E+00	1.56E-06	0.00E+00	2.88E+01	3.30E-02	5.84E+01	0.00E+00	4.42E-07	1.91E-07	1.03E-02	9.25E-07	5.04E+00	0.00E+00	5.84E+01	1.43E-05	5.84E+01	6.45E+01	5.04E+00	0.00E+00	0.00E+00	0.00E+00	9.77E+02
VU48ND	2.64E-02	5.70E+00	2.04E-01	5.50E+00	0.00E+00	0.00E+00	4.74E+01	9.83E-05	7.48E-03	5.49E-02	0.00E+00	-1.62E-03	8.39E-09	1.31E-07	3.51E-01	1.12E+01	0.00E+00	0.00E+00	3.87E+01	2.23E-02	7.27E+01	0.00E+00	5.64E-07	2.49E-07	1.51E-02	1.16E-06	6.61E+00	0.00E+00	7.27E+01	1.92E-05	7.27E+01	7.93E+01	6.61E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+03
VU48NE	2.20E-02	4.88E+00	1.79E-01	4.70E+00	0.00E+00	0.00E+00	4.56E+01	9.34E-05	4.89E-03	4.89E-02	0.00E+00	-1.52E-04	6.37E-09	1.05E-07	3.54E-01	1.04E+01	0.00E+00	0.00E+00	3.44E+01	2.89E-03	7.17E+01	0.00E+00	5.58E-07	2.34E-07	1.36E-02	6.80E-07	6.12E+00	0.00E+00	7.17E+01	1.86E-05	7.17E+01	7.78E+01	6.12E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+03
VU48NG	2.60E-02	5.38E+00	1.97E-01	4.32E+00	0.00E+00	0.00E+00	4.54E+01	9.02E-05	7.23E-03	5.02E-02	0.00E+00	-1.92E-03	5.64E-09	9.38E-08	3.17E-01	9.78E+00	4.56E-05	0.00E+00	3.01E+01	5.27E-02	6.85E+01	0.00E+00	5.57E-07	2.35E-07	1.43E-02	1.37E-06	5.48E+00	0.00E+00	6.85E+01	1.82E-05	6.85E+01	7.45E+01	5.48E+00	0.00E+00	0.00E+00	0.00E+00	9.92E+02
VU48NH	2.94E-02	5.39E+00	2.07E-01	4.91E+00	0.00E+00	0.00E+00	4.84E+01	1.01E-04	1.01E-02	5.32E-02	0.00E+00	-2.65E-03	7.03E-09	1.61E-07	3.64E-01	1.17E+01	1.46E-05	0.00E+00	3.89E+01	3.65E-02	7.63E+01	0.00E+00	5.84E-07	2.56E-07	1.47E-02	1.58E-06	6.76E+00	0.00E+00	7.63E+01	1.89E-05	7.63E+01	8.28E+01	6.76E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+03
VU48NKM	8.19E-03	2.05E+00	6.40E-02	1.59E+00	0.00E+00	0.00E+00	5.31E+00	1.34E-05	2.10E-03	2.15E-02	0.00E+00	-2.86E-03	1.31E-09	2.27E-08	1.04E-01	2.73E+00	5.30E-09	0.00E+00	7.29E+00	3.38E-02	2.07E+01	0.00E+00	1.72E-07	7.10E-08	5.71E-03	1.05E-06	1.27E+00	0.00E+00	2.07E+01	6.17E-06	2.07E+01	2.19E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+02
VU48NN	2.88E-02	5.47E+00	2.13E-01	4.96E+00	0.00E+00	0.00E+00	4.86E+01	1.01E-04	1.03E-02	5.27E-02	0.00E+00	-3.03E-03	6.89E-09	1.61E-07	3.61E-01	1.18E+01	1.20E-06	0.00E+00	3.96E+01	5.27E-02	7.35E+01	0.00E+00	5.72E-07	2.52E-07	1.45E-02	1.66E-06	6.71E+00	0.00E+00	7.35E+01	1.85E-05	7.35E+01	8.06E+01	6.71E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+03
VU48NP	2.67E-02	5.51E+00	1.96E-01	4.44E+00	0.00E+00	0.00E+00	4.62E+01	9.39E-05	7.21E-03	5.21E-02	0.00E+00	-2.52E-03	6.03E-09	9.44E-08	3.38E-01	1.04E+01	1.56E-05	0.00E+00	3.18E+01	4.50E-02	7.13E+01	0.00E+00	5.73E-07	2.41E-07	1.45E-02	1.47E-06	5.81E+00	0.00E+00	7.13E+01	1.79E-05	7.13E+01	7.85E+01	5.81E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+03
VU48NR	2.48E-02	5.09E+00	1.91E-01	4.76E+00	0.00E+00	0.00E+00	4.59E+01	9.43E-05	6.34E-03	5.03E-02	0.00E+00	-1.39E-03	6.45E-09	1.18E-07	3.52E-01	1.06E+01	2.80E-09	0.00E+00	3.61E+01	1.94E-02	7.13E+01	0.00E+00	5.63E-07	2.38E-07	1.39E-02	1.11E-06	6.27E+00	0.00E+00	7.13E+01	1.83E-05	7.13E+01	7.82E+01	6.27E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+03
VU48NRM	1.84E-02	3.87E+00	1.30E-01	3.75E+00	0.00E+00	0.00E+00	3.65E+01	7.46E-05	4.04E-03	3.99E-02	0.00E+00	-2.49E-03	6.37E-09	9.11E-08	2.81E-01	8.70E+00	1.33E-06	0.00E+00	2.87E+01	3.73E-02	5.74E+01	0.00E+00	4.41E-07	1.88E-07	1.05E-02	9.41E-07	5.03E+00	0.00E+00	5.74E+01	1.42E-05	5.74E+01	6.44E+01	5.03E+00	0.00E+00	0.00E+00	0.00E+00	9.75E+02
VU48NSG	2.39E-02	5.66E+00	1.91E-01	4.40E+00	0.00E+00	0.00E+00	4.53E+01	9.19E-05	6.04E-03	5.12E-02	0.00E+00	-9.04E-04	5.79E-09	8.82E-08	3.35E-01	1.02E+01	9.13E-06	0.00E+00	3.11E+01	2.27E-02	7.06E+01	0.00E+00	5.80E-07	2.41E-07	1.41E-02	1.05E-06	5.70E+00	0.00E+00	7.06E+01	1.80E-05	7.06E+01	7.78E+01	5.70E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+03
VU48NW	2.33E-02	4.67E+00	1.76E-01	4.48E+00	0.00E+00	0.00E+00	4.03E+01	8.72E-05	5.31E-03	4.89E-02	0.00E+00	-2.25E-03	6.65E-09	9.64E-08	3.28E-01	1.01E+01	5.30E-09	0.00E+00	3.22E+01	3.01E-02	7.27E+01	0.00E+00	5.58E-07	2.42E-07	1.43E-02	1.29E-06	5.67E+00	0.00E+00	7.27E+01	2.18E-05	7.27E+01	7.90E+01	5.67E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+03
VU48NWP	2.09E-02	4.28E+00	1.76E-01	4.11E+00	0.00E+00	0.00E+00	4.11E+01	8.79E-05	4.46E-03	4.39E-02	0.00E+00	-2.06E-03	6.86E-09	9.48E-08	3.19E-01	9.67E+00	0.00E+00	0.00E+00	3.16E+01	2.80E-02	6.78E+01	0.00E+00	5.24E-07	2.24E-07	1.26E-02	1.22E-06	5.60E+00	0.00E+00	6.78E+01	1.95E-05	6.78E+01	7.34E+01	5.60E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+03
VU48UA	2.35E-02	4.83E+00	1.85E-01	4.58E+00	0.00E+00	0.00E+00	3.83E+01	8.57E-05	5.58E-03	4.77E-02	0.00E+00	-1.84E-03	6.43E-09	1.03E-07	3.35E-01	1.02E+01	1.74E-06	0.00E+00	3.25E+01	3.56E-02	7.12E+01	0.00E+00	5.59E-07	2.36E-07	1.36E-02	1.19E-06	5.75E+00	0.00E+00	7.12E+01	1.82E-05	7.12E+01	7.81E+01	5.75E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+03
VU48WWH	2.38E-02	4.72E+00	1.96E-01	4.58E+00	0.00E+00	0.00E+00	4.01E+01	8.65E-05	5.52E-03	5.07E-02	0.00E+00	-2.51E-03	6.59E-09	1.03E-07	3.33E-01	1.04E+01	2.19E-05	0.00E+00	3.23E+01	5.86E-02	7.35E+01	0.00E+00	5.75E-07	2.50E-07	1.48E-02	1.51E-06	5.71E+00	0.00E+00	7.35E+01	2.31E-05	7.35E+01	7.94E+01	5.71E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+03
VU48WWV	2.34E-02	5.04E+00	1.83E-01	5.28E+00	0.00E+00	0.00E+00	3.92E+01	8.54E-05	5.06E-03	4.97E-02	0.00E+00	-2.43E-03	7.04E-09	9.53E-08	3.16E-01	9.80E+00	2.41E-08	0.00E+00	3.19E+01	5.92E-02	6.99E+01	0.00E+00	5.52E-07	2.42E-07	1.46E-02	1.35E-06	5.59E+00	0.00E+00	6.99E+01	2.21E-05	6.99E+01	7.50E+01	5.59E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+03
VU601PLH	2.45E-02	5.00E+00	1.80E-01	4.82E+00	0.00E+00	0.00E+00	4.33E+01	9.17E-05	5.89E-03	5.12E-02	0.00E+00	-6.62E-04	7.29E-09	1.09E-07	3.61E-01	1.08E+01	0.00E+00	0.00E+00	3.41E+01	9.63E-03	7.58E+01	0.00E+00	5.93E-07	2.51E-07	1.45E-02	8.52E-07	6.11E+00	0.00E+00	7.58E+01	2.16E-05	7.58E+01	8.19E+01	6.11E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+03
VU602NWH	2.73E-02	5.31E+00	1.98E-01	4.94E+00	0.00E+00	0.00E+00	4.73E+01	9.91E-05	7.06E-03	5.32E-02	0.00E+00	-2.89E-03	7.71E-09	1.14E-07	3.72E-01	1.13E+01	7.36E-06	0.00E+00	3.63E+01	4.76E-02	7.88E+01	0.00E+00	6.09E-07	2.63E-07	1.55E-02	1.62E-06	6.55E+00	0.00E+00	7.88E+01	2.23E-05	7.88E+01	8.48E+01	6.55E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+03
VU602WWH	2.67E-02	5.09E+00	2.02E-01	4.82E+00	0.00E+00	0.00E+00	4.67E+01	9.52E-05	7.04E-03	5.20E-02	0.00E+00	-2.75E-03	7.05E-09	1.13E-07	3.48E-01	1.05E+01	7.30E-06	0.00E+00	3.53E+01	6.31E-02	7.44E+01	0.00E+00	5.84E-07	2.58E-07	1.53E-02	1.56E-06	6.33E+00	0.00E+00	7.44E+01	2.30E-05	7.44E+01	8.02E+01	6.33E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+03
VU603NWH	2.84E-02	5.37E+00	2.22E-01	5.15E+00	0.00E+00	0.00E+00	4.84E+01	1.00E-04	8.42E-03	5.43E-02	0.00E+00	-3.40E-03	8.20E-09	1.41E-07	3.88E-01	1.19E+01	0.00E+00	0.00E+00	3.76E+01	4.59E-02	8.00E+01	0.00E+00	6.24E-07	2.65E-07	1.54E-02	1.77E-06	6.71E+00	0.00E+00	8.00E+01	2.11E-05	8.00E+01	8.67E+01	6.71E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+03
VU603PLH	2.42E-02	5.26E+00	1.90E-01	5.07E+00	0.00E+00	0.00E+00	4.66E+01	9.65E-05	5.47E-03	5.32E-02	0.00E+00	-6.62E-04	7.87E-09	1.09E-07	3.79E-01	1.11E+01	0.00E+00	0.00E+00	3.59E+01	9.68E-03	7.78E+01	0.00E+00	6.08E-07	2.55E-07	1.49E-02	8.86E-07	6.42E+00	0.00E+00	7.78E+01	2.10E-05	7.78E+01	8.42E+01	6.42E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+03
VU60AT	2.98E-02	5.63E+00	1.19E+00	5.31E+00	0.00E+00	0.00E+00	5.20E+01	1.06E-04	8.71E-03	5.55E-02	0.00E+00	-3.50E-02	7.29E-09	1.46E-07	4.06E-01	1.25E+01	2.80E-09	0.00E+00	3.97E+01	4.35E-01	8.22E+01	0.00E+00	6.41E-07	2.75E-07	1.59E-02	1.47E-05	7.11E+00	0.00E+00	8.22E+01	9.32E-06	8.22E+01	8.99E+01	7.11E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+03
VU60DKN	2.76E-02	5.62E+00	2.28E-01	5.25E+00	0.00E+00	0.00E+00	5.06E+01	1.04E-04	7.01E-03	5.42E-02	0.00E+00	-2.36E-03	7.33E-09	1.23E-07	3.96E-01	1.17E+01	1.14E-06	0.00E+00	3.86E+01	4.21E-02	8.10E+01	0.00E+00	6.40E-07	2.70E-07	1.56E-02	1.36E-06	6.91E+00	0.00E+00	8.10E+01	2.12E-05	8.10E+01	8.78E+01	6.91E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+03
VU60EP	2.80E-02	5.50E+00	2.17E-01	5.28E+00	0.00E+00	0.00E+00	5.04E+01	1.03E-04	7.98E-03	5.54E-02	0.00E+00	-1.85E-03	6.97E-09	1.40E-07	4.01E-01	1.21E+01	0.00E+00	0.00E+00	3.88E+01	2.54E-02	8.13E+01	0.00E+00	6.34E-07	2.67E-07	1.56E-02	1.30E-06	6.92E+00	0.00E+00	8.13E+01	2.08E-05	8.13E+01	8.82E+01	6.92E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+03
VU60ET	2.79E-02	5.55E+00	2.24E-01	5.03E+00	0.00E+00	0.00E+00	4.96E+01	1.03E-04	8.42E-03	5.36E-02	0.00E+00	-2.73E-03	7.35E-09	1.40E-07	3.84E-01	1.20E+01	6.19E-06	0.00E+00	3.95E+01	7.19E-02	7.85E+01	0.00E+00	6.00E-07	2.67E-07	1.52E-02	1.51E-06	6.81E+00	0.00E+00	7.85E+01	2.13E-05	7.85E+01	8.52E+01	6.81E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+03
VU60MMV	2.48E-02	5.28E+00	1.93E-01	5.38E+00	0.00E+00	0.00E+00	4.56E+01	9.68E-05	5.13E-03	5.25E-02	0.00E+00	-2.40E-03	7.44E-09	1.08E-07	3.51E-01	1.08E+01	2.41E-08	0.00E+00	3.54E+01	3.44E-02	7.39E+01	0.00E+00	5.86E-07	2.57E-07	1.52E-02	1.36E-06	6.33E+00	0.00E+00	7.39E+01	2.30E-05	7.39E+01	7.93E+01	6.33E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+03
VU60NA	2.75E-02	5.51E+00	2.15E-01	5.29E+00	0.00E+00	0.00E+00	5.12E+01	1.05E-04	7.53E-03	5.55E-02	0.00E+00	-1.48E-03	7.09E-09	1.37E-07	4.04E-01	1.21E+01	0.00E+00	0.00E+00	3.92E+01	2.05E-02	8.19E+01	0.00E+00	6.38E-07	2.68E-07	1.56E-02	1.19E-06	6.98E+00	0.00E+00	8.19E+01	2.10E-05	8.19E+01	8.88E+01	6.98E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+03
VU60NC	2.98E-02	5.66E+00	1.19E+00	5.31E+00	0.00E+00	0.00E+00	5.20E+01	1.06E-04	8.62E-03	5.55E-02	0.00E+00	-3.50E-02	7.28E-09	1.39E-07	4.05E-01	1.25E+01	2.80E-09	0.00E+00	3.98E+01	4.34E-01	8.21E+01	0.00E+00	6.41E-07	2.75E-07	1.58E-02	1.46E-05	7.11E+00	0.00E+00	8.21E+01	9.39E-06	8.21E+01	8.99E+01	7.11E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+03
VU60NE	2.60E-02	5.57E+00	2.02E-01	5.37E+00	0.00E+00	0.00E+00	5.10E+01	1.04E-04	6.27E-03	5.60E-02	0.00E+00	-1.52E-04	7.05E-09	1.25E-07	4.04E-01	1.19E+01	0.00E+00	0.00E+00	3.88E+01	3.02E-03	8.19E+01	0.00E+00	6.39E-07	2.68E-07	1.56E-02	7.69E-07	6.93E+00	0.00E+00	8.19E+01	2.13E-05	8.19E+01	8.88E+01	6.93E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+03
VU60NG	2.92E-02	5.86E+00	1.19E+00	4.97E+00	0.00E+00	0.00E+00	4.98E+01	9.90E-05	1.05E-02	5.47E-02	0.00E+00	-3.52E-02	6.04E-09	1.16E-07	3.56E-01	1.10E+01	1.83E-05	0.00E+00	3.37E+01	4.63E-01	7.42E+01	0.00E+00	6.18E-07	2.59E-07	1.51E-02	1.48E-05	6.15E+00	0.00E+00	7.42E+01	7.83E-06	7.42E+01	8.29E+01	6.15E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+03
VU60NH	2.99E-02	5.65E+00	1.19E+00	5.30E+00	0.00E+00	0.00E+00	5.20E+01	1.06E-04	8.69E-03	5.53E-02	0.00E+00	-3.50E-02	7.26E-09	1.47E-07	4.06E-01	1.25E+01	2.80E-09	0.00E+00	3.98E+01	4.36E-01	8.21E+01	0.00E+00	6.41E-07	2.75E-07	1.58E-02	1.47E-05	7.12E+00	0.00E+00	8.21E+01	9.32E-06	8.21E+01	8.98E+01	7.12E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+03
VU60NKM	8.17E-03	2.39E+00	6.66E-02	2.01E+00	0.00E+00	0.00E+00	5.34E+00	1.17E-05	2.10E-03	2.29E-02	0.00E+00	-3.65E-03	1.42E-09	2.35E-08	1.04E-01	2.66E+00	1.40E-06	0.00E+00	7.08E+00	5.32E-02	2.01E+01	0.00E+00	1.72E-07	7.08E-08	6.11E-03	1.39E-06	1.23E+00	0.00E+00	2.01E+01	5.78E-06	2.01E+01	2.09E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+02
VU60NN	3.27E-02	5.80E+00	2.44E-01	5.56E+00	0.00E+00	0.00E+00	5.39E+01	1.10E-04	1.09E-02	5.84E-02	0.00E+00	-3.32E-03	7.58E-09	1.74E-07	4.19E-01	1.31E+01	0.00E+00	0.00E+00	4.16E+01	4.48E-02	8.57E+01	0.00E+00	6.67E-07	2.85E-07	1.66E-02	1.80E-06	7.41E+00	0.00E+00	8.57E+01	2.16E-05	8.57E+01	9.31E+01	7.41E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+03
VU60NR	2.78E-02	5.57E+00	1.18E+00	5.26E+00	0.00E+00	0.00E+00	5.09E+01	1.05E-04	6.89E-03	5.51E-02	0.00E+00	-3.43E-02	7.18E-09	1.23E-07	4.04E-01	1.20E+01	2.80E-09	0.00E+00	3.88E+01	4.24E-01	8.08E+01	0.00E+00	6.39E-07	2.72E-07	1.56E-02	1.44E-05	6.97E+00	0.00E+00	8.08E+01	9.34E-06	8.08E+01	8.87E+01	6.97E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+03
VU60NW	2.46E-02	5.04E+00	1.99E-01	4.84E+00	0.00E+00	0.00E+00	4.67E+01	1.00E-04	5.36E-03	5.17E-02	0.00E+00	-2.06E-03	7.80E-09	1.09E-07	3.70E-01	1.12E+01	0.00E+00	0.00E+00	3.63E+01	2.81E-02	7.89E+01	0.00E+00	6.11E-07	2.62E-07	1.48E-02	1.31E-06	6.44E+00	0.00E+00	7.89E+01	2.29E-05	7.89E+01	8.53E+01	6.44E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+03
VU60NWB	2.42E-02	5.01E+00	1.84E-01	4.48E+00	0.00E+00	0.00E+00	3.82E+01	8.45E-05	4.97E-03	4.92E-02	0.00E+00	-7.74E-04	6.71E-09	1.05E-07	3.32E-01	1.03E+01	5.30E-09	0.00E+00	3.27E+01	1.58E-02	7.28E+01	0.00E+00	5.77E-07	2.52E-07	1.42E-02	7.68E-07	5.72E+00	0.00E+00	7.28E+01	2.24E-05	7.28E+01	7.80E+01	5.72E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+03
VU60NWP	2.41E-02	4.96E+00	1.98E-01	4.77E+00	0.00E+00	0.00E+00	4.66E+01	1.00E-04	5.10E-03	5.11E-02	0.00E+00	-2.06E-03	7.77E-09	1.07E-07	3.69E-01	1.11E+01	0.00E+00	0.00E+00	3.62E+01	2.81E-02	7.86E+01	0.00E+00	6.08E-07	2.60E-07	1.46E-02	1.31E-06	6.42E+00	0.00E+00	7.86E+01	2.29E-05	7.86E+01	8.50E+01	6.42E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+03
VU60UA	2.68E-02	5.62E+00	5.79E-01	5.28E+00	0.00E+00	0.00E+00	5.09E+01	1.05E-04	5.98E-03	5.47E-02	0.00E+00	-1.62E-02	7.32E-09	1.21E-07	4.06E-01	1.20E+01	1.80E-06	0.00E+00	3.91E+01	3.17E-01	8.22E+01	0.00E+00	6.43E-07	2.74E-07	1.55E-02	7.15E-06	7.00E+00	0.00E+00	8.22E+01	1.65E-05	8.22E+01	8.86E+01	7.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+03
VU60WWH	2.43E-02	4.86E+00	1.76E-01	4.69E+00	0.00E+00	0.00E+00	3.67E+01	8.44E-05	5.25E-03	5.07E-02	0.00E+00	-2.75E-03	6.07E-09	8.80E-08	3.37E-01	1.02E+01	0.00E+00	0.00E+00	3.11E+01	3.71E-02	7.56E+01	0.00E+00	5.92E-07	2.57E-07	1.47E-02	1.48E-06	5.59E+00	0.00E+00	7.56E+01	2.47E-05	7.56E+01	8.12E+01	5.59E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+03
VU60WWV	2.38E-02	5.10E+00	1.84E-01	5.32E+00	0.00E+00	0.00E+00	3.89E+01	8.52E-05	5.07E-03	5.06E-02	0.00E+00	-2.46E-03	7.12E-09	9.54E-08	3.17E-01	9.82E+00	2.41E-08	0.00E+00	3.22E+01	5.99E-02	7.02E+01	0.00E+00	5.62E-07	2.49E-07	1.49E-02	1.37E-06	5.64E+00	0.00E+00	7.02E+01	2.26E-05	7.02E+01	7.52E+01	5.64E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+03
VZ002VB	6.75E-04	1.49E-01	3.36E-03	1.46E-01	0.00E+00	0.00E+00	3.92E-01	9.14E-07	1.46E-04	1.67E-03	0.00E+00	5.98E-20	7.57E-11	9.43E-10	1.26E-02	2.62E-01	0.00E+00	0.00E+00	5.97E-01	2.87E-05	2.39E+00	0.00E+00	2.00E-08	7.31E-09	4.69E-04	2.04E-08	1.26E-01	0.00E+00	2.39E+00	7.27E-07	2.39E+00	2.51E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+01
VZ006VB	5.15E-04	2.05E-01	3.25E-03	2.01E-01	0.00E+00	0.00E+00	7.79E-01	1.37E-06	1.45E-04	1.70E-03	0.00E+00	4.72E-20	1.39E-10	1.75E-09	5.21E-03	1.86E-01	0.00E+00	0.00E+00	5.41E-01	1.93E-05	1.12E+00	0.00E+00	9.51E-09	4.48E-09	4.08E-04	1.37E-08	1.00E-01	0.00E+00	1.12E+00	2.11E-07	1.12E+00	1.22E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	1.87E+01
VZ007VB	8.33E-04	1.51E-01	2.66E-03	1.48E-01	0.00E+00	0.00E+00	4.39E-01	1.91E-06	1.46E-04	1.66E-03	0.00E+00	3.99E-20	5.74E-11	1.03E-09	7.37E-03	2.68E-01	0.00E+00	0.00E+00	6.48E-01	1.93E-05	2.35E+00	0.00E+00	1.86E-08	9.05E-09	5.14E-04	1.37E-08	1.20E-01	0.00E+00	2.35E+00	1.19E-06	2.35E+00	2.47E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.36E+01
VZ00HW	1.22E-03	3.71E-01	7.48E-03	3.72E-01	0.00E+00	0.00E+00	6.64E-01	2.53E-06	2.92E-04	3.30E-03	0.00E+00	-1.97E-03	2.01E-10	2.10E-09	1.66E-02	3.73E-01	5.30E-09	0.00E+00	8.46E-01	2.39E-02	3.78E+00	0.00E+00	2.81E-08	1.15E-08	8.54E-04	4.36E-07	1.69E-01	0.00E+00	3.78E+00	1.41E-06	3.78E+00	3.99E+00	1.69E-01	0.00E+00	0.00E+00	0.00E+00	2.99E+01
VZ00HWF	1.17E-03	3.42E-01	7.60E-03	3.42E-01	0.00E+00	0.00E+00	6.54E-01	2.24E-06	2.88E-04	2.95E-03	0.00E+00	-2.76E-03	1.48E-10	2.30E-09	1.58E-02	3.67E-01	1.26E-06	0.00E+00	8.31E-01	2.97E-02	3.75E+00	0.00E+00	2.75E-08	1.14E-08	7.94E-04	4.65E-07	1.66E-01	0.00E+00	3.75E+00	1.32E-06	3.75E+00	4.03E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
VZ00UP	1.18E-03	3.31E-01	7.55E-03	3.36E-01	0.00E+00	0.00E+00	6.59E-01	2.28E-06	2.88E-04	2.93E-03	0.00E+00	-2.74E-03	1.49E-10	2.29E-09	1.58E-02	3.65E-01	1.08E-06	0.00E+00	8.31E-01	2.77E-02	3.75E+00	0.00E+00	2.73E-08	1.13E-08	7.86E-04	4.10E-07	1.65E-01	0.00E+00	3.75E+00	1.39E-06	3.75E+00	3.98E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
VZ011	3.73E-04	8.49E-02	4.08E-03	1.50E-01	0.00E+00	0.00E+00	2.34E-01	4.85E-07	1.05E-04	7.90E-04	0.00E+00	-4.09E-04	8.47E-11	6.42E-10	4.90E-03	1.11E-01	9.71E-08	0.00E+00	2.60E-01	5.73E-03	9.40E-01	0.00E+00	8.58E-09	3.00E-09	2.35E-04	2.53E-07	5.42E-02	0.00E+00	9.40E-01	2.81E-07	9.40E-01	1.03E+00	5.42E-02	0.00E+00	0.00E+00	0.00E+00	7.08E+00
VZ012VB	4.18E-04	1.03E-01	3.41E-03	1.12E-01	0.00E+00	0.00E+00	2.76E-01	6.81E-07	9.67E-05	7.34E-04	0.00E+00	-5.71E-04	1.11E-10	8.03E-10	7.66E-03	1.47E-01	9.26E-05	0.00E+00	4.04E-01	8.60E-03	1.46E+00	0.00E+00	1.17E-08	3.84E-09	2.40E-04	3.49E-07	7.84E-02	0.00E+00	1.46E+00	3.93E-07	1.46E+00	1.56E+00	7.84E-02	0.00E+00	0.00E+00	0.00E+00	9.91E+00
VZ016VB	1.83E-03	4.61E-01	5.54E-03	5.10E-01	0.00E+00	0.00E+00	6.73E-01	9.38E-07	3.25E-04	4.84E-03	0.00E+00	-2.71E-04	1.34E-10	2.70E-09	1.61E-02	4.34E-01	1.09E-07	0.00E+00	7.74E-01	2.26E-03	3.17E+00	0.00E+00	2.72E-08	1.31E-08	1.14E-03	1.13E-07	1.80E-01	0.00E+00	3.17E+00	7.61E-07	3.17E+00	3.39E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	2.36E+01

VZ017VB	5.61E-04	8.61E-02	3.04E-01	9.26E-02	0.00E+00	0.00E+00	3.94E-01	8.41E-07	9.41E-05	8.59E-04	0.00E+00	-3.17E-02	9.85E-11	3.11E-09	1.37E-02	2.61E-01	1.62E-04	0.00E+00	5.70E-01	4.79E-01	2.42E+00	0.00E+00	1.93E-08	6.36E-09	3.13E-04	6.67E-06	1.22E-01	0.00E+00	2.42E+00	-4.90E-06	2.42E+00	2.54E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	1.30E+01
VZ01EK	8.21E-05	8.06E-02	4.33E-02	3.73E-02	0.00E+00	0.00E+00	1.94E-01	3.74E-07	2.59E-05	2.98E-04	0.00E+00	-5.30E-03	3.83E-11	6.11E-10	1.16E-03	3.31E-02	4.50E-06	0.00E+00	1.25E-01	6.99E-02	2.09E-01	0.00E+00	1.61E-09	6.22E-10	6.98E-05	1.70E-06	1.50E-02	0.00E+00	2.09E-01	-5.68E-07	2.09E-01	2.24E-01	1.50E-02	0.00E+00	0.00E+00	0.00E+00	4.41E+00
VZ02NCH	6.34E-03	1.31E+00	3.61E-02	1.24E+00	0.00E+00	0.00E+00	4.51E+00	9.57E-06	2.19E-03	1.24E-02	0.00E+00	-1.17E-03	1.19E-09	1.38E-08	6.22E-02	1.91E+00	4.02E-05	0.00E+00	4.99E+00	1.33E-02	1.38E+01	0.00E+00	1.17E-07	4.86E-08	3.75E-03	2.00E-07	9.53E-01	0.00E+00	1.38E+01	3.90E-06	1.38E+01	1.48E+01	9.53E-01	0.00E+00	0.00E+00	0.00E+00	1.61E+02
VZ02NWH	5.81E-03	1.34E+00	3.14E-02	1.13E+00	0.00E+00	0.00E+00	4.94E+00	1.10E-05	2.00E-03	1.22E-02	0.00E+00	-8.67E-04	1.19E-09	2.39E-08	6.06E-02	1.93E+00	5.30E-09	0.00E+00	5.45E+00	1.23E-02	1.34E+01	0.00E+00	1.12E-07	4.79E-08	3.68E-03	3.74E-07	9.94E-01	0.00E+00	1.34E+01	4.10E-06	1.34E+01	1.45E+01	9.94E-01	0.00E+00	0.00E+00	0.00E+00	1.77E+02
VZ041VB	5.95E-03	1.38E+00	3.22E-02	1.36E+00	0.00E+00	0.00E+00	4.06E+00	8.11E-06	1.60E-03	1.43E-02	0.00E+00	-8.61E-04	8.97E-10	9.26E-09	5.67E-02	1.80E+00	2.85E-06	0.00E+00	4.62E+00	6.54E-03	1.32E+01	0.00E+00	1.09E-07	5.05E-08	4.01E-03	1.85E-07	8.51E-01	0.00E+00	1.32E+01	3.64E-06	1.32E+01	1.40E+01	8.51E-01	0.00E+00	0.00E+00	0.00E+00	1.60E+02
VZ093	5.79E-04	9.09E-02	1.99E-03	9.98E-02	0.00E+00	0.00E+00	2.98E-01	2.33E-06	1.08E-04	1.04E-03	0.00E+00	-1.05E-04	4.43E-11	7.53E-10	5.44E-03	1.75E-01	1.68E-07	0.00E+00	4.94E-01	1.36E-03	1.66E+00	0.00E+00	1.19E-08	5.10E-09	3.47E-04	9.99E-09	8.01E-02	0.00E+00	1.66E+00	8.42E-07	1.66E+00	1.81E+00	8.01E-02	0.00E+00	0.00E+00	0.00E+00	2.01E+01
VZ094	6.61E-04	9.78E-02	3.04E-01	1.10E-01	0.00E+00	0.00E+00	4.17E-01	3.23E-06	1.09E-04	1.06E-03	0.00E+00	-3.17E-02	9.51E-11	1.05E-09	1.46E-02	2.67E-01	6.89E-06	0.00E+00	6.68E-01	4.79E-01	2.98E+00	0.00E+00	2.07E-08	6.77E-09	3.81E-04	6.66E-06	1.29E-01	0.00E+00	2.98E+00	-4.98E-06	2.98E+00	3.06E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
VZ095	9.26E-04	1.37E-01	3.06E-01	1.58E-01	0.00E+00	0.00E+00	5.53E-01	3.85E-06	2.49E-04	1.73E-03	0.00E+00	-3.17E-02	1.01E-10	1.58E-09	1.67E-02	3.57E-01	6.76E-06	0.00E+00	8.24E-01	4.79E-01	3.67E+00	0.00E+00	2.67E-08	1.08E-08	6.07E-04	6.68E-06	1.58E-01	0.00E+00	3.67E+00	-4.58E-06	3.67E+00	3.85E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	2.97E+01
VZ096	9.33E-04	1.41E-01	3.06E-01	1.60E-01	0.00E+00	0.00E+00	5.53E-01	3.84E-06	2.51E-04	1.74E-03	0.00E+00	-3.17E-02	1.01E-10	1.58E-09	1.65E-02	3.53E-01	6.80E-06	0.00E+00	8.24E-01	4.79E-01	3.66E+00	0.00E+00	2.68E-08	1.08E-08	6.12E-04	6.68E-06	1.58E-01	0.00E+00	3.66E+00	-4.54E-06	3.66E+00	3.85E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	2.97E+01
VZ097	2.84E-03	6.19E-01	3.09E-01	5.21E-01	0.00E+00	0.00E+00	1.12E+00	5.54E-06	6.66E-04	5.64E-03	0.00E+00	-3.17E-02	1.96E-10	3.21E-09	1.92E-02	5.34E-01	6.76E-06	0.00E+00	1.32E+00	4.79E-01	4.53E+00	0.00E+00	3.38E-08	1.68E-08	1.62E-03	6.68E-06	2.57E-01	0.00E+00	4.53E+00	-4.03E-06	4.53E+00	4.75E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.22E+01
VZ098	2.27E-03	5.26E-01	3.07E-01	5.06E-01	0.00E+00	0.00E+00	8.55E-01	5.34E-06	3.69E-04	5.38E-03	0.00E+00	-3.17E-02	1.41E-10	2.24E-09	1.90E-02	4.61E-01	6.76E-06	0.00E+00	1.10E+00	4.79E-01	4.46E+00	0.00E+00	3.02E-08	1.50E-08	1.20E-03	6.68E-06	2.06E-01	0.00E+00	4.46E+00	-4.09E-06	4.46E+00	4.63E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	4.47E+01
VZ099	5.22E-03	8.94E-01	3.15E-01	1.02E+00	0.00E+00	0.00E+00	2.34E+00	8.32E-06	7.66E-04	1.06E-02	0.00E+00	-3.17E-02	4.21E-10	5.88E-09	4.17E-02	1.34E+00	6.76E-06	0.00E+00	3.16E+00	4.79E-01	1.14E+01	0.00E+00	9.43E-08	4.32E-08	3.06E-03	6.70E-06	6.05E-01	0.00E+00	1.14E+01	-2.15E-06	1.14E+01	1.22E+01	6.05E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
VZ100	3.80E-03	7.62E-01	1.50E-02	7.77E-01	0.00E+00	0.00E+00	2.45E+00	8.60E-06	7.12E-04	8.14E-03	0.00E+00	-1.40E-04	4.07E-10	1.01E-08	4.07E-02	1.27E+00	5.30E-09	0.00E+00	3.37E+00	1.46E-03	1.05E+01	0.00E+00	8.96E-08	4.00E-08	2.16E-03	6.52E-08	6.47E-01	0.00E+00	1.05E+01	4.86E-06	1.05E+01	1.12E+01	6.47E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
VZ101E	5.83E-03	1.38E+00	3.47E-02	1.39E+00	0.00E+00	0.00E+00	8.39E+00	1.58E-05	1.37E-03	1.29E-02	0.00E+00	-1.30E-03	2.19E-09	1.34E-08	7.47E-02	1.92E+00	6.70E-07	0.00E+00	7.12E+00	2.37E-03	1.53E+01	0.00E+00	1.27E-07	5.42E-08	4.10E-03	1.96E-07	1.02E+00	0.00E+00	1.53E+01	3.77E-06	1.53E+01	1.64E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	2.83E+02
VZ101N	6.35E-03	1.48E+00	4.05E-02	1.55E+00	0.00E+00	0.00E+00	9.13E+00	1.64E-05	1.75E-03	1.41E-02	0.00E+00	-1.19E-03	2.25E-09	2.55E-08	7.71E-02	2.01E+00	1.26E-06	0.00E+00	7.43E+00	8.01E-03	1.61E+01	0.00E+00	1.31E-07	5.58E-08	4.14E-03	3.28E-07	1.09E+00	0.00E+00	1.61E+01	3.86E-06	1.61E+01	1.74E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	2.91E+02
VZ101WN	6.53E-03	1.53E+00	3.85E-02	1.41E+00	0.00E+00	0.00E+00	2.36E+01	4.83E-05	1.78E-03	1.37E-02	0.00E+00	-4.53E-04	3.35E-09	3.35E-08	8.00E-02	2.10E+00	9.04E-05	0.00E+00	1.51E+01	7.58E-03	1.58E+01	0.00E+00	1.32E-07	5.66E-08	4.12E-03	4.21E-07	2.43E+00	0.00E+00	1.58E+01	4.03E-06	1.58E+01	1.71E+01	2.43E+00	0.00E+00	0.00E+00	0.00E+00	4.86E+02
VZ102N	6.48E-03	1.39E+00	6.83E-02	1.32E+00	0.00E+00	0.00E+00	2.04E+01	4.09E-05	1.23E-03	1.35E-02	0.00E+00	7.84E-19	3.39E-09	4.37E-08	1.08E-01	3.64E+00	0.00E+00	0.00E+00	1.36E+01	2.76E-04	2.23E+01	0.00E+00	1.65E-07	7.29E-08	3.79E-03	1.97E-07	2.32E+00	0.00E+00	2.23E+01	5.18E-06	2.23E+01	2.47E+01	2.32E+00	0.00E+00	0.00E+00	0.00E+00	4.82E+02
VZ102V	1.06E-02	1.79E+00	7.30E-02	1.74E+00	0.00E+00	0.00E+00	2.54E+01	5.31E-05	2.31E-03	1.72E-02	0.00E+00	-3.55E-04	3.86E-09	4.92E-08	1.11E-01	3.61E+00	3.66E-06	0.00E+00	1.69E+01	6.22E-03	2.38E+01	0.00E+00	1.89E-07	8.03E-08	5.36E-03	3.57E-07	2.77E+00	0.00E+00	2.38E+01	6.09E-06	2.38E+01	2.56E+01	2.77E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+02
VZ102WN	1.02E-02	1.88E+00	6.52E-02	1.79E+00	0.00E+00	0.00E+00	2.42E+01	4.87E-05	2.01E-03	1.85E-02	0.00E+00	-5.69E-04	3.52E-09	3.84E-08	1.08E-01	3.38E+00	9.04E-05	0.00E+00	1.59E+01	1.15E-02	2.24E+01	0.00E+00	1.88E-07	8.13E-08	5.11E-03	5.89E-07	2.69E+00	0.00E+00	2.24E+01	6.39E-06	2.24E+01	2.42E+01	2.69E+00	0.00E+00	0.00E+00	0.00E+00	5.28E+02
VZ103N	1.14E-02	2.11E+00	7.54E-02	1.87E+00	0.00E+00	0.00E+00	2.56E+01	5.27E-05	2.93E-03	2.15E-02	0.00E+00	-3.32E-04	3.91E-09	5.69E-08	1.36E-01	3.81E+00	3.66E-06	0.00E+00	1.71E+01	6.13E-03	2.80E+01	0.00E+00	2.28E-07	9.70E-08	6.01E-03	4.16E-07	2.91E+00	0.00E+00	2.80E+01	8.13E-06	2.80E+01	3.01E+01	2.91E+00	0.00E+00	0.00E+00	0.00E+00	5.83E+02
VZ103V	1.14E-02	2.15E+00	7.63E-02	2.01E+00	0.00E+00	0.00E+00	2.57E+01	5.32E-05	2.91E-03	2.13E-02	0.00E+00	-7.33E-04	3.92E-09	5.63E-08	1.36E-01	3.84E+00	4.90E-06	0.00E+00	1.78E+01	2.36E-02	2.83E+01	0.00E+00	2.33E-07	9.80E-08	6.07E-03	8.31E-07	2.93E+00	0.00E+00	2.83E+01	8.53E-06	2.83E+01	3.06E+01	2.93E+00	0.00E+00	0.00E+00	0.00E+00	6.04E+02
VZ103W	1.20E-02	2.22E+00	8.54E-02	2.11E+00	0.00E+00	0.00E+00	2.56E+01	5.34E-05	2.74E-03	1.87E-02	0.00E+00	-7.74E-04	3.98E-09	5.62E-08	1.06E-01	3.60E+00	4.90E-06	0.00E+00	1.78E+01	4.89E-02	2.39E+01	0.00E+00	1.86E-07	8.30E-08	5.70E-03	8.11E-07	2.89E+00	0.00E+00	2.39E+01	5.93E-06	2.39E+01	2.55E+01	2.89E+00	0.00E+00	0.00E+00	0.00E+00	6.05E+02
VZ103WN	1.09E-02	2.32E+00	7.02E-02	1.91E+00	0.00E+00	0.00E+00	2.54E+01	5.20E-05	2.69E-03	2.19E-02	0.00E+00	-5.87E-04	3.63E-09	4.38E-08	1.34E-01	3.99E+00	8.94E-05	0.00E+00	1.74E+01	1.14E-02	2.87E+01	0.00E+00	2.38E-07	1.01E-07	6.23E-03	5.63E-07	2.91E+00	0.00E+00	2.87E+01	8.58E-06	2.87E+01	3.16E+01	2.91E+00	0.00E+00	0.00E+00	0.00E+00	5.75E+02
VZ103WV	1.13E-02	2.29E+00	6.85E-02	2.12E+00	0.00E+00	0.00E+00	2.42E+01	4.93E-05	2.60E-03	2.17E-02	0.00E+00	-1.92E-03	3.58E-09	4.18E-08	1.30E-01	3.93E+00	9.05E-05	0.00E+00	1.70E+01	2.85E-02	2.86E+01	0.00E+00	2.30E-07	1.00E-07	5.95E-03	9.51E-07	2.76E+00	0.00E+00	2.86E+01	8.69E-06	2.86E+01	3.01E+01	2.76E+00	0.00E+00	0.00E+00	0.00E+00	5.63E+02
VZ104V	1.20E-02	2.48E+00	9.89E-02	2.79E+00	0.00E+00	0.00E+00	2.75E+01	5.80E-05	3.30E-03	2.47E-02	0.00E+00	-1.30E-03	4.26E-09	6.04E-08	1.71E-01	5.49E+00	4.90E-06	0.00E+00	1.98E+01	2.38E-02	3.68E+01	0.00E+00	2.76E-07	1.19E-07	6.92E-03	7.80E-07	3.41E+00	0.00E+00	3.68E+01	8.88E-06	3.68E+01	4.02E+01	3.41E+00	0.00E+00	0.00E+00	0.00E+00	6.92E+02
VZ104W	1.27E-02	2.23E+00	8.59E-02	2.11E+00	0.00E+00	0.00E+00	2.60E+01	5.38E-05	2.97E-03	2.19E-02	0.00E+00	-3.88E-04	4.02E-09	5.69E-08	1.32E-01	3.81E+00	3.66E-06	0.00E+00	1.82E+01	3.12E-02	2.81E+01	0.00E+00	2.31E-07	9.79E-08	6.12E-03	4.18E-07	2.96E+00	0.00E+00	2.81E+01	7.83E-06	2.81E+01	3.02E+01	2.96E+00	0.00E+00	0.00E+00	0.00E+00	6.20E+02
VZ104WN	1.12E-02	3.05E+00	7.97E-02	2.87E+00	0.00E+00	0.00E+00	2.55E+01	5.32E-05	2.62E-03	2.40E-02	0.00E+00	-5.40E-04	4.04E-09	4.12E-08	1.45E-01	4.79E+00	8.72E-05	0.00E+00	1.85E+01	1.02E-02	3.08E+01	0.00E+00	2.56E-07	1.07E-07	7.40E-03	5.78E-07	3.06E+00	0.00E+00	3.08E+01	8.32E-06	3.08E+01	3.48E+01	3.06E+00	0.00E+00	0.00E+00	0.00E+00	6.32E+02
VZ104WV	1.09E-02	2.94E+00	8.01E-02	2.81E+00	0.00E+00	0.00E+00	2.59E+01	5.39E-05	2.69E-03	2.39E-02	0.00E+00	-5.88E-04	3.93E-09	4.43E-08	1.52E-01	4.94E+00	9.11E-05	0.00E+00	1.89E+01	1.10E-02	3.20E+01	0.00E+00	2.58E-07	1.07E-07	6.99E-03	5.62E-07	3.13E+00	0.00E+00	3.20E+01	8.46E-06	3.20E+01	3.57E+01	3.13E+00	0.00E+00	0.00E+00	0.00E+00	6.42E+02
VZ105N	1.07E-02	2.29E+00	1.13E-01	2.18E+00	0.00E+00	0.00E+00	3.37E+01	6.76E-05	2.03E-03	2.23E-02	0.00E+00	1.29E-18	5.60E-09	7.22E-08	1.79E-01	6.00E+00	0.00E+00	0.00E+00	2.25E+01	4.56E-04	3.68E+01	0.00E+00	2.72E-07	1.20E-07	6.24E-03	3.24E-07	3.83E+00	0.00E+00	3.68E+01	8.50E-06	3.68E+01	4.06E+01	3.83E+00	0.00E+00	0.00E+00	0.00E+00	7.95E+02
VZ105W	1.22E-02	2.36E+00	1.03E-01	2.93E+00	0.00E+00	0.00E+00	2.77E+01	5.84E-05	3.07E-03	2.49E-02	0.00E+00	-1.34E-03	4.19E-09	5.98E-08	1.62E-01	5.42E+00	4.81E-06	0.00E+00	2.00E+01	4.89E-02	3.61E+01	0.00E+00	2.74E-07	1.17E-07	6.85E-03	8.36E-07	3.42E+00	0.00E+00	3.61E+01	8.73E-06	3.61E+01	3.96E+01	3.42E+00	0.00E+00	0.00E+00	0.00E+00	6.92E+02
VZ105WN	1.23E-02	3.33E+00	1.01E-01	3.10E+00	0.00E+00	0.00E+00	2.95E+01	6.05E-05	3.01E-03	2.56E-02	0.00E+00	-6.09E-04	5.73E-09	6.39E-08	1.96E-01	6.40E+00	9.11E-05	0.00E+00	2.25E+01	1.16E-02	3.69E+01	0.00E+00	2.86E-07	1.20E-07	7.39E-03	6.03E-07	3.86E+00	0.00E+00	3.69E+01	9.01E-06	3.69E+01	4.14E+01	3.86E+00	0.00E+00	0.00E+00	0.00E+00	7.79E+02
VZ105WV	1.21E-02	3.63E+00	1.02E-01	3.13E+00	0.00E+00	0.00E+00	2.97E+01	6.08E-05	3.03E-03	2.51E-02	0.00E+00	-6.02E-04	5.71E-09	6.48E-08	1.97E-01	6.55E+00	9.19E-05	0.00E+00	2.27E+01	1.18E-02	3.74E+01	0.00E+00	2.92E-07	1.25E-07	7.30E-03	5.81E-07	3.89E+00	0.00E+00	3.74E+01	9.20E-06	3.74E+01	4.21E+01	3.89E+00	0.00E+00	0.00E+00	0.00E+00	7.86E+02
VZ111N	8.32E-04	1.27E-01	5.70E-03	1.82E-01	0.00E+00	0.00E+00	5.68E-01	9.51E-07	1.20E-04	1.34E-03	0.00E+00	-1.85E-03	1.17E-10	1.99E-09	1.51E-02	2.86E-01	8.58E-05	0.00E+00	8.14E-01	1.62E-02	2.55E+00	0.00E+00	2.29E-08	7.72E-09	4.39E-04	4.48E-07	1.88E-01	0.00E+00	2.55E+00	4.92E-07	2.55E+00	2.85E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	1.83E+01
VZ112N	9.36E-04	1.44E-01	7.44E-03	1.93E-01	0.00E+00	0.00E+00	5.86E-01	9.67E-07	2.73E-04	1.63E-03	0.00E+00	-1.85E-03	1.17E-10	2.15E-09	1.57E-02	3.06E-01	8.58E-05	0.00E+00	8.29E-01	1.62E-02	2.65E+00	0.00E+00	2.39E-08	8.52E-09	5.76E-04	4.48E-07	1.93E-01	0.00E+00	2.65E+00	6.26E-07	2.65E+00	2.91E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	1.91E+01
VZ113N	1.11E-03	2.92E-01	7.78E-03	3.05E-01	0.00E+00	0.00E+00	7.48E-01	1.02E-06	2.92E-04	2.55E-03	0.00E+00	-9.35E-04	1.21E-10	4.04E-09	1.58E-02	3.20E-01	8.58E-05	0.00E+00	8.93E-01	1.70E-02	2.76E+00	0.00E+00	2.45E-08	8.77E-09	7.49E-04	4.29E-07	2.11E-01	0.00E+00	2.76E+00	6.77E-07	2.76E+00	3.02E+00	2.11E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
VZ114N	1.16E-03	3.18E-01	7.95E-03	3.44E-01	0.00E+00	0.00E+00	6.63E-01	9.79E-07	2.93E-04	3.34E-03	0.00E+00	-9.56E-04	1.21E-10	3.26E-09	1.59E-02	3.32E-01	8.58E-05	0.00E+00	8.56E-01	1.55E-02	2.85E+00	0.00E+00	2.49E-08	9.24E-09	8.75E-04	4.23E-07	2.02E-01	0.00E+00	2.85E+00	8.12E-07	2.85E+00	3.14E+00	2.02E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+01
VZ115N	1.67E-03	5.06E-01	7.56E-03	5.69E-01	0.00E+00	0.00E+00	8.38E-01	9.33E-07	3.30E-04	4.45E-03	0.00E+00	-1.67E-03	9.94E-10	2.84E-08	1.57E-02	3.84E-01	8.57E-05	0.00E+00	3.77E+00	1.14E-02	2.95E+00	0.00E+00	2.62E-08	1.08E-08	1.15E-03	3.64E-07	3.34E-01	0.00E+00	2.95E+00	6.54E-07	2.95E+00	3.23E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	1.76E+02
VZ121N	3.11E-03	7.72E-01	2.56E-02	6.80E-01	0.00E+00	0.00E+00	1.92E+00	3.35E-06	6.51E-04	7.45E-03	0.00E+00	-4.13E-04	3.52E-10	8.60E-09	3.26E-02	1.13E+00	1.92E-06	0.00E+00	2.03E+00	5.46E-03	6.83E+00	0.00E+00	6.51E-08	3.02E-08	2.17E-03	2.80E-07	4.76E-01	0.00E+00	6.83E+00	2.31E-06	6.83E+00	7.38E+00	4.76E-01	0.00E+00	0.00E+00	0.00E+00	5.72E+01
VZ122N	4.70E-03	1.01E+00	3.08E-02	1.02E+00	0.00E+00	0.00E+00	4.89E+00	1.03E-05	1.01E-03	1.14E-02	0.00E+00	-3.88E-04	1.08E-09	1.68E-08	5.83E-02	1.68E+00	5.30E-09	0.00E+00	4.47E+00	5.72E-03	1.28E+01	0.00E+00	1.01E-07	4.48E-08	3.02E-03	2.50E-07	8.42E-01	0.00E+00	1.28E+01	3.54E-06	1.28E+01	1.37E+01	8.42E-01	0.00E+00	0.00E+00	0.00E+00	1.51E+02
VZ122W	3.23E-03	7.94E-01	3.77E-02	7.77E-01	0.00E+00	0.00E+00	2.27E+00	4.07E-06	6.71E-04	8.45E-03	0.00E+00	-1.17E-03	8.35E-10	9.51E-09	3.40E-02	1.15E+00	7.72E-07	0.00E+00	2.26E+00	3.11E-02	7.38E+00	0.00E+00	6.78E-08	3.19E-08	2.26E-03	2.67E-07	5.02E-01	0.00E+00	7.38E+00	2.23E-06	7.38E+00	8.09E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	7.21E+01
VZ123N	6.35E-03	1.39E+00	3.95E-02	1.38E+00	0.00E+00	0.00E+00	5.62E+00	1.15E-05	1.70E-03	1.34E-02	0.00E+00	-1.19E-03	1.95E-09	2.10E-08	6.44E-02	1.93E+00	8.89E-07	0.00E+00	5.55E+00	7.50E-03	1.48E+01	0.00E+00	1.19E-07	5.34E-08	4.04E-03	3.18E-07	9.64E-01	0.00E+00	1.48E+01	3.73E-06	1.48E+01	1.59E+01	9.64E-01	0.00E+00	0.00E+00	0.00E+00	1.99E+02
VZ123W	4.31E-03	8.54E-01	3.33E-02	8.21E-01	0.00E+00	0.00E+00	7.53E+00	1.80E-05	7.86E-04	8.78E-03	0.00E+00	-5.93E-04	1.21E-09	1.64E-08	5.40E-02	1.87E+00	0.00E+00	0.00E+00	6.02E+00	7.96E-03	1.34E+01	0.00E+00	1.02E-07	4.75E-08	2.60E-03	2.89E-07	1.05E+00	0.00E+00	1.34E+01	4.82E-06	1.34E+01	1.45E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+02
VZ124N	7.47E-03	1.49E+00	4.13E-02	1.45E+00	0.00E+00	0.00E+00	1.52E+01	2.99E-05	1.68E-03	1.62E-02	0.00E+00	-4.02E-04	2.73E-09	3.18E-08	8.08E-02	2.40E+00	5.30E-09	0.00E+00	1.01E+01	6.06E-03	1.66E+01	0.00E+00	1.38E-07	6.01E-08	4.41E-03	3.34E-07	1.70E+00	0.00E+00	1.66E+01	3.44E-06	1.66E+01	1.81E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+02
VZ125N	5.96E-03	1.39E+00	3.56E-02	1.37E+00	0.00E+00	0.00E+00	4.91E+00	1.05E-05	1.38E-03	1.32E-02	0.00E+00	-1.30E-03	1.94E-09	9.28E-09	7.48E-02	1.96E+00	6.70E-07	0.00E+00	5.35E+00	2.37E-03	1.55E+01	0.00E+00	1.28E-07	5.46E-08	4.17E-03	1.96E-07	9.67E-01	0.00E+00	1.55E+01	3.80E-06	1.55E+01	1.65E+01	9.67E-01	0.00E+00	0.00E+00	0.00E+00	1.88E+02
VZ126N	7.04E-03	1.50E+00	4.10E-02	1.47E+00	0.00E+00	0.00E+00	1.46E+01	2.96E-05	1.38E-03	1.59E-02	0.00E+00	-3.31E-04	2.72E-09	2.07E-08	8.44E-02	2.27E+00	5.30E-09	0.00E+00	9.92E+00	1.61E-02	1.77E+01	0.00E+00	1.46E-07	6.30E-08	4.53E-03	5.79E-07	1.67E+00	0.00E+00	1.77E+01	3.54E-06	1.77E+01	1.88E+01	1.67E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+02
VZ127N	6.76E-03	1.45E+00	7.15E-02	1.38E+00	0.00E+00	0.00E+00	2.13E+01	4.28E-05	1.29E-03	1.41E-02	0.00E+00	8.20E-19	3.55E-09	4.57E-08	1.13E-01	3.80E+00	0.00E+00	0.00E+00	1.43E+01	2.89E-04	2.33E+01	0.00E+00	1.73E-07	7.61E-08	3.96E-03	2.06E-07	2.43E+00	0.00E+00	2.33E+01	5.40E-06	2.33E+01	2.58E+01	2.43E+00	0.00E+00	0.00E+00	0.00E+00	5.04E+02
VZ12AU	8.37E-03	1.78E+00	7.52E-02	1.83E+00	0.00E+00	0.00E+00	1.18E+01	2.28E-05	2.25E-03	1.74E-02	0.00E+00	-1.52E-03	3.08E-09	3.86E-08	1.12E-01	3.47E+00	1.41E-06	0.00E+00	1.17E+01	3.60E-02	2.39E+01	0.00E+00	1.78E-07	7.59E-08	4.82E-03	9.86E-07	1.93E+00	0.00E+00	2.39E+01	5.99E-06	2.39E+01	2.60E+01	1.93E+00	0.00E+00	0.00E+00	0.00E+00	4.18E+02
VZ12CAV	2.32E-03	6.48E-01	1.25E-02	5.15E-01	0.00E+00	0.00E+00	1.14E+00	2.11E-06	4.56E-04	5.34E-03	0.00E+00	-1.34E-03	2.05E-10	7.14E-09	1.84E-02	6.01E-01	9.57E-07	0.00E+00	1.24E+00	1.58E-02	4.20E+00	0.00E+00	3.67E-08	1.70E-08	1.58E-03	3.66E-07	2.58E-01	0.00E+00	4.20E+00	1.22E-06	4.20E+00	4.54E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	3.58E+01
VZ12CHU	8.18E-03	1.81E+00	6.38E-02	1.96E+00	0.00E+00	0.00E+00	1.15E+01	2.01E-05	2.25E-03	1.92E-02	0.00E+00	-1.70E-03	2.46E-09	3.34E-08	9.95E-02	2.62E+00	1.68E-04	0.00E+00	9.49E+00	3.53E-02	1.93E+01	0.00E+00	1.56E-07	6.66E-08	4.72E-03	1.11E-06	1.49E+00	0.00E+00	1.93E+01	5.24E-06	1.93E+01	2.09E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	3.47E+02
VZ12NAV	2.84E-03	8.40E-01	2.24E-02	6.93E-01	0.00E+00	0.00E+00	1.59E+00	2.65E-06	6.25E-04	7.82E-03	0.00E+00	-1.12E-03	3.21E-10	8.19E-09	2.16E-02	7.69E-01	3.66E-06	0.00E+00	1.61E+00	1.46E-02	5.10E+00	0.00E+00	5.04E-08	2.26E-08	2.17E-03	4.18E-07	3.65E-01	0.00E+00	5.10E+00	1.66E-06	5.10E+00	5.36E+00	3.65E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
VZ131N	2.63E-03	6.91E-01	3.29E-02	5.31E-01	0.00E+00	0.00E+00	1.43E+00	2.16E-06	6.36E-04	5.71E-03	0.00E+00	-4.37E-04	2.75E-10	7.82E-09	2.26E-02	7.62E-01	1.92E-06	0.00E+00	1.57E+00	2.96E-02	4.90E+00	0.00E+00	4.91E-08	2.09E-08	1.79E-03	2.79E-07	3.64E-01	0.00E+00	4.90E+00	1.48E-06	4.90E+00	5.21E+00	3.64E-01	0.00E+00	0.00E+00	0.00E+00	4.07E+01
VZ132N	4.29E-03	9.07E-01	3.80E-02	9.76E-01	0.00E+00	0.00E+00	2.55E+00	4.12E-06	7.09E-04	1.08E-02	0.00E+00	-4.12E-04	8.45E-10	1.07E-08	3.42E-02	1.24E+00	5.30E-09	0.00E+00	2.27E+00	3.01E-02	7.80E+00	0.00E+00	7.00E-08	3.27E-08	2.89E-03	2.64E-07	5.08E-01	0.00E+00	7.80E+00	2.22E-06	7.80E+00	8.39E+00	5.08E-01	0.00E+00	0.00E+00	0.00E+00	7.53E+01
VZ133N	4.45E-03	1.05E+00	4.05E-02	1.09E+00	0.00E+00	0.00E+00	3.67E+00	7.03E-06	7.95E-04	1.19E-02	0.00E+00	-1.16E-03	1.70E-09	1.14E-08	3.77E-02	1.44E+00	8.89E-07	0.00E+00	3.22E+00	3.11E-02	9.11E+00	0.00E+00	7.96E-08	3.97E-08	3.07E-03	2.58E-07	6.19E-01	0.00E+00	9.11E+00	2.61E-06	9.11E+00	1.01E+01	6.19E-01	0.00E+00	0.00E+00	0.00E+00	1.22E+02
VZ134N	6.23E-03	1.19E+00	4.68E-02	1.21E+00	0.00E+00	0.00E+00	1.46E+01	2.90E-05	1.66E-03	1.24E-02	0.00E+00	-1.17E-03	2.73E-09	2.91E-08	6.06E-02	1.92E+00	8.89E-07	0.00E+00	9.83E+00	3.11E-02	1.42E+01	0.00E+00	1.12E-07	5.04E-08	3.59E-03	3.12E-07	1.54E+00	0.00E+00	1.42E+01	3.34E-06	1.42E+01	1.53E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	3.56E+02
VZ135	7.68E-04	1.20E-01	5.13E-03	7.10E-02	0.00E+00	0.00E+00	1.06E+00	2.61E-06	2.05E-04	1.06E-03	0.00E+00	-1.37E-03	1.37E-09	2.95E-09	4.96E-03	3.08E-01	6.75E-07	0.00E+00	1.08E+00	4.80E-03	2.17E+00	0.00E+00	1.92E-08	8.49E-09	4.06E-04	1.11E-07	1.45E-01	0.00E+00	2.17E+00	5.95E-07	2.17E+00	2.42E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	4.05E+01
VZ135N	6.32E-03	1.42E+00	4.98E-02	1.40E+00	0.00E+00	0.00E+00	1.65E+01	3.18E-05	1.73E-03	1.35E-02	0.00E+00	-1.19E-03	2.80E-09	3.10E-08	7.02E-02	1.96E+00	1.17E-05	0.00E+00	9.79E+00	3.15E-02	1.52E+01	0.00E+00	1.27E-07	5.44E-08	4.09E-03	3.31E-07	1.58E+00	0.00E+00	1.52E+01	3.34E-06	1.52E+01	1.66E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	3.70E+02
VZ136	6.95E-03	1.32E+00	4.26E-02	1.25E+00	0.00E+00	0.00E+00	1.42E+01	2.83E-05	1.50E-03	1.34E-02	0.00E+00	-1.04E-04	2.72E-09	2.00E-08	7.85E-02	2.14E+00	1.12E-07	0.00E+00	9.71E+00	3.19E-03	1.63E+01	0.00E+00	1.33E-07	5.72E-08	4.19E-03	1.69E-07	1.62E+00	0.00E+00	1.63E+01	3.78E-06	1.63E+01	1.76E+01	1.62E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+02
VZ141N	3.15E-03	9.32E-01	1.44E-02	8.40E-01	0.00E+00	0.00E+00	1.98E+00	3.87E-06	7.63E-04	8.54E-03	0.00E+00	-6.09E-06	7.65E-10	4.89E-09	2.71E-02	1.03E+00	1.46E-07	0.00E+00	1.94E+00	1.21E-04	6.74E+00	0.00E+00	6.21E-08	2.87E-08	2.21E-03	5.60E-08	4.34E-01	0.00E+00	6.74E+00	2.08E-06	6.74E+00	7.11E+00	4.34E-01	0.00E+00	0.00E+00	0.00E+00	6.02E+01
VZ142N	4.51E-03	1.14E+00	1.67E-02	1.19E+00	0.00E+00	0.00E+00	2.36E+00	4.33E-06	9.48E-04	1.31E-02	0.00E+00	-6.09E-06	8.32E-10	5.68E-09	2.92E-02	1.20E+00	5.30E-09	0.00E+00	2.15E+00	1.47E-04	7.87E+00	0.00E+00	6.81E-08	3.29E-08	3.10E-03	7.32E-08	4.63E-01	0.00E+00	7.87E+00	2.41E-06	7.87E+00	8.29E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	7.27E+01
VZ143N	6.93E-04	1.69E-01	5.48E-03	1.30E-01	0.00E+00	0.00E+00	6.56E-01	1.80E-06	2.46E-04	1.21E-03	0.00E+00	-1.27E-03	4.97E-10	2.27E-09	4.52E-03	3.03E-01	8.71E-07	0.00E+00	8.30E-01	1.89E-03	2.02E+00	0.00E+00	1.84E-08	8.26E-09	4.47E-04	1.04E-07	1.33E-01	0.00E+00	2.02E+00	4.44E-07	2.02E+00	2.25E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.98E+01
VZ144N	5.91E-03	1.37E+00	3.12E-02	1.34E+00	0.00E+00	0.00E+00	3.89E+00	8.35E-06	1.58E-03	1.40E-02	0.00E+00	-9.55E-06	1.80E-09	7.68E-09	5.24E-02	1.61E+00	5.30E-09	0.00E+00	3.83E+00	2.51E-04	1.25E+01	0.00E+00	1.02E-07	4.57E-08	3.88E-03	1.23E-07	7.40E-01	0.00E+00	1.25E+01	3.30E-06	1.25E+01	1.35E+01	7.40E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
VZ201	2.84E-03	8.06E-01	1.88E-02	7.02E-01	0.00E+00	0.00E+00	1.43E+00	2.27E-06	6.35E-04	7.93E-03	0.00E+00	-1.24E-03	3.01E-10	4.14E-09	1.95E-02	7.37E-01	9.23E-07	0.00E+00	1.45E+00	5.40E-03	4.86E+00	0.00E+00	4.75E-08	2.12E-08	2.09E-03	2.20E-07	3.30E-01	0.00E+00	4.86E+00	1.45E-06	4.86E+00	5.25E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	4.38E+01
VZ203	4.35E-03	1.09E+00	2.60E-02	1.14E+00	0.00E+00	0.00E+00	2.69E+00	6.83E-06	7.69E-04	1.24E-02	0.00E+00	-1.24E-03	5.70E-10	6.92E-09	3.99E-02	1.41E+00	1.10E-06	0.00E+00	3.86E+00	5.17E-03	1.05E+01	0.00E+00	8.63E-08	4.01E-08	3.00E-03	2.28E-07	6.86E-01	0.00E+00	1.05E+01	2.40E-06	1.05E+01	1.12E+01	6.86E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
VZ204	6.53E-03	1.46E+00	3.60E-02	1.35E+00	0.00E+00	0.00E+00	3.89E+00	6.79E-06	1.99E-03	1.36E-02	0.00E+00	-2.71E-04	7.08E-10	1.79E-08	5.93E-02	1.72E+00	5.30E-09	0.00E+00	3.86E+00	3.86E-03	1.28E+01	0.00E+00	1.10E-07	4.65E-08	4.04E-03	2.74E-07	7.54E-01	0.00E+00	1.28E+01	2.95E-06	1.28E+01	1.37E+01	7.54E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
VZ221H	9.40E-04	1.65E-01	9.02E-03	2.02E-01	0.00E+00	0.00E+00	6.00E-01	1.14E-06	2.59E-04	1.62E-03	0.00E+00	-1.39E-03	1.42E-10	5.24E-09	1.61E-02	3.09E-01	7.91E-09	0.00E+00	9.11E-01	1.89E-02	2.82E+00	0.00E+00	2.45E-08	8.68E-09	5.43E-04	5.63E-07	1.98E-01	0.00E+00	2.82E+00	8.60E-07	2.82E+00	2.96E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+01
VZ221N	7.28E-04	1.06E-01	6.91E-03	1.56E-01	0.00E+00	0.00E+00	5.63E-01	9.88E-07	1.09E-04	7.80E-04	0.00E+00	-1.58E-03	1.19E-10	4.24E-09	1.33E-02	2.41E-01	9.84E-07	0.00E+00	8.29E-01	1.33E-02	2.35E+00	0.00E+00	2.04E-08	6.29E-09	3.07E-04	4.90E-07	1.83E-01	0.00E+00	2.35E+00	4.71E-07	2.35E+00	2.56E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	1.72E+01
VZ221NA	7.28E-04	1.06E-01	7.09E-03	1.56E-01	0.00E+00	0.00E+00	5.44E-01	9.48E-07	1.10E-04	7.80E-04	0.00E+00	-1.60E-03	1.19E-10	4.03E-09	1.33E-02	2.41E-01	9.84E-07	0.00E+00	8.29E-01	1.33E-02	2.35E+00	0.00E+00	2.04E-08	6.32E-09	3.07E-04	4.92E-07	1.83E-01	0.00E+00	2.35E+00	4.72E-07	2.35E+00	2.56E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	1.72E+01
VZ222H	9.65E-04	1.77E-01	9.19E-03	2.08E-01	0.00E+00	0.00E+00	7.06E-01	1.13E-06	2.71E-04	1.77E-03	0.00E+00	-1.68E-03	1.42E-10	6.06E-09	1.61E-02	3.14E-01	1.23E-06	0.00E+00	9.40E-01	1.82E-02	2.78E+00	0.00E+00	2.46E-08	8.72E-09	6.50E-04	5.52E-07	2.09E-01	0.00E+00	2.78E+00	7.24E-07	2.78E+00	2.95E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
VZ222N	1.11E-03	2.92E-01	9.24E-03	3.03E-01	0.00E+00	0.00E+00	7.49E-01	1.18E-06	2.92E-04	2.55E-03	0.00E+00	-9.49E-04	1.21E-10	6.40E-09	1.50E-02	3.14E-01	9.84E-07	0.00E+00	9.21E-01	1.47E-02	2.73E+00	0.00E+00	2.42E-08	8.57E-09	7.48E-04	5.29E-07	2.09E-01	0.00E+00	2.73E+00	6.94E-07	2.73E+00	2.93E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	2.43E+01
VZ222NA	1.11E-03	2.92E-01	9.24E-03	3.03E-01	0.00E+00	0.00E+00	6.29E-01	1.14E-06	2.92E-04	2.55E-03	0.00E+00	-1.01E-03	1.21E-10	5.51E-09	1.50E-02	3.14E-01	9.84E-07	0.00E+00	8.90E-01	1.50E-02	2.73E+00	0.00E+00	2.42E-08	8.57E-09	7.48E-04	5.29E-07	1.98E-01	0.00E+00	2.73E+00	6.94E-07	2.73E+00	2.93E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
VZ223H	1.66E-03	5.05E-01	1.03E-02	5.58E-01	0.00E+00	0.00E+00	2.08E+00	5.14E-06	3.27E-04	4.32E-03	0.00E+00	-1.69E-03	1.03E-09	3.46E-08	1.65E-02	5.71E-01	1.23E-06	0.00E+00	4.60E+00	1.86E-02	3.08E+00	0.00E+00	2.67E-08	1.11E-08	1.13E-03	5.54E-07	6.59E-01	0.00E+00	3.08E+00	9.17E-07	3.08E+00	3.27E+00	6.59E-01	0.00E+00	0.00E+00	0.00E+00	1.79E+02
VZ224N	2.24E-03	7.43E-01	1.11E-02	6.56E-01	0.00E+00	0.00E+00	2.34E+00	5.20E-06	4.15E-04	5.97E-03	0.00E+00	-8.15E-04	1.06E-09	3.46E-08	1.67E-02	6.14E-01	2.29E-05	0.00E+00	4.74E+00	1.27E-02	3.15E+00	0.00E+00	2.65E-08	1.15E-08	1.63E-03	5.15E-07	6.87E-01	0.00E+00	3.15E+00	1.00E-06	3.15E+00	3.34E+00	6.87E-01	0.00E+00	0.00E+00	0.00E+00	1.83E+02
VZ224NA	2.24E-03	7.88E-01	1.12E-02	6.56E-01	0.00E+00	0.00E+00	1.16E+00	1.39E-06	6.03E-04	6.06E-03	0.00E+00	-7.72E-04	1.06E-09	3.08E-08	1.68E-02	4.29E-01	9.13E-06	0.00E+00	4.00E+00	1.23E-02	3.16E+00	0.00E+00	2.66E-08	1.16E-08	1.78E-03	5.20E-07	3.61E-01	0.00E+00	3.16E+00	1.01E-06	3.16E+00	3.34E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	1.83E+02
VZ225A	2.67E-03	8.52E-01	2.14E-02	7.39E-01	0.00E+00	0.00E+00	2.72E+00	5.49E-06	6.86E-04	7.58E-03	0.00E+00	-1.55E-03	1.10E-09	3.98E-08	1.94E-02	7.86E-01	1.57E-05	0.00E+00	5.09E+00	1.33E-02	4.09E+00	0.00E+00	3.97E-08	1.86E-08	1.99E-03	5.49E-07	8.10E-01	0.00E+00	4.09E+00	1.02E-06	4.09E+00	4.36E+00	8.10E-01	0.00E+00	0.00E+00	0.00E+00	1.89E+02

VZ225NA	2.67E-03	8.45E-01	2.14E-02	7.36E-01	0.00E+00	0.00E+00	2.72E+00	5.49E-06	6.86E-04	7.48E-03	0.00E+00	-1.03E-03	1.10E-09	3.98E-08	1.94E-02	7.86E-01	1.57E-05	0.00E+00	5.09E+00	1.33E-02	4.09E+00	0.00E+00	3.97E-08	1.86E-08	1.97E-03	5.49E-07	8.11E-01	0.00E+00	4.09E+00	1.02E-06	4.09E+00	4.36E+00	8.11E-01	0.00E+00	0.00E+00	0.00E+00	1.89E+02
VZ24AP2	1.14E-02	2.15E+00	7.58E-02	1.99E+00	0.00E+00	0.00E+00	2.41E+01	5.08E-05	2.62E-03	1.93E-02	0.00E+00	-1.31E-03	3.84E-09	5.19E-08	1.32E-01	3.80E+00	1.05E-06	0.00E+00	1.72E+01	2.42E-02	2.83E+01	0.00E+00	2.31E-07	9.68E-08	5.88E-03	7.87E-07	2.82E+00	0.00E+00	2.83E+01	8.78E-06	2.83E+01	3.05E+01	2.82E+00	0.00E+00	0.00E+00	0.00E+00	5.91E+02
VZ24AU	1.29E-02	2.36E+00	9.58E-02	2.57E+00	0.00E+00	0.00E+00	2.73E+01	5.71E-05	3.33E-03	2.45E-02	0.00E+00	-1.92E-03	4.44E-09	6.37E-08	1.66E-01	5.39E+00	3.18E-06	0.00E+00	1.99E+01	3.69E-02	3.53E+01	0.00E+00	2.72E-07	1.22E-07	6.89E-03	1.06E-06	3.33E+00	0.00E+00	3.53E+01	9.25E-06	3.53E+01	3.86E+01	3.33E+00	0.00E+00	0.00E+00	0.00E+00	6.93E+02
VZ24CHU	1.14E-02	2.19E+00	1.14E-01	2.07E+00	0.00E+00	0.00E+00	3.11E+01	6.27E-05	2.92E-03	2.13E-02	0.00E+00	-8.22E-04	5.43E-09	7.66E-08	1.67E-01	5.75E+00	1.83E-04	0.00E+00	2.11E+01	1.29E-02	3.47E+01	0.00E+00	2.57E-07	1.15E-07	6.03E-03	6.92E-07	3.60E+00	0.00E+00	3.47E+01	8.00E-06	3.47E+01	3.83E+01	3.60E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+02
VZ24NAV	4.73E-03	1.10E+00	3.04E-02	1.26E+00	0.00E+00	0.00E+00	2.55E+00	5.05E-06	7.74E-04	1.18E-02	0.00E+00	-1.74E-03	4.80E-10	1.13E-08	3.49E-02	1.38E+00	4.82E-05	0.00E+00	2.73E+00	2.26E-02	8.69E+00	0.00E+00	7.65E-08	3.88E-08	3.17E-03	4.33E-07	5.69E-01	0.00E+00	8.69E+00	2.48E-06	8.69E+00	9.65E+00	5.69E-01	0.00E+00	0.00E+00	0.00E+00	9.71E+01
VZ24NRK	1.18E-02	2.28E+00	8.17E-02	2.26E+00	0.00E+00	0.00E+00	2.77E+01	5.87E-05	3.20E-03	2.28E-02	0.00E+00	-1.69E-03	4.96E-09	6.42E-08	1.43E-01	4.21E+00	1.84E-06	0.00E+00	2.03E+01	3.57E-02	2.90E+01	0.00E+00	2.36E-07	1.01E-07	6.21E-03	1.02E-06	3.25E+00	0.00E+00	2.90E+01	8.59E-06	2.90E+01	3.14E+01	3.25E+00	0.00E+00	0.00E+00	0.00E+00	7.09E+02
VZ24NUH	1.22E-02	2.32E+00	8.62E-02	2.26E+00	0.00E+00	0.00E+00	2.88E+01	6.21E-05	4.34E-03	2.33E-02	0.00E+00	-2.21E-03	5.00E-09	7.60E-08	1.65E-01	4.51E+00	1.49E-04	0.00E+00	2.19E+01	4.25E-02	3.37E+01	0.00E+00	2.69E-07	1.15E-07	6.48E-03	1.15E-06	3.50E+00	0.00E+00	3.37E+01	9.27E-06	3.37E+01	3.66E+01	3.50E+00	0.00E+00	0.00E+00	0.00E+00	7.56E+02
VZ309	3.82E-04	2.58E-02	1.44E-03	3.25E-02	0.00E+00	0.00E+00	1.10E-01	3.50E-07	8.62E-05	2.83E-04	0.00E+00	-1.54E-03	2.52E-11	8.23E-10	1.34E-03	6.09E-02	1.68E-07	0.00E+00	1.50E-01	5.78E-03	4.17E-01	0.00E+00	3.70E-09	1.75E-09	9.33E-05	2.81E-07	2.48E-02	0.00E+00	4.17E-01	2.08E-08	4.17E-01	4.26E-01	2.48E-02	0.00E+00	0.00E+00	0.00E+00	5.12E+00
VZ311	4.15E-04	3.62E-02	1.48E-03	2.33E-02	0.00E+00	0.00E+00	1.40E-01	3.89E-07	2.18E-04	2.77E-04	0.00E+00	-1.44E-03	2.48E-11	2.81E-09	1.37E-03	6.99E-02	1.68E-07	0.00E+00	1.62E-01	3.30E-03	4.15E-01	0.00E+00	3.64E-09	1.62E-09	9.96E-05	1.67E-07	2.88E-02	0.00E+00	4.15E-01	1.01E-08	4.15E-01	4.39E-01	2.88E-02	0.00E+00	0.00E+00	0.00E+00	5.78E+00
VZ313	5.62E-04	1.94E-02	1.34E-03	1.81E-02	0.00E+00	0.00E+00	2.20E-01	3.69E-07	3.84E-04	2.22E-04	0.00E+00	6.77E-21	4.24E-11	4.49E-09	1.26E-03	9.57E-02	0.00E+00	0.00E+00	2.06E-01	3.29E-06	2.98E-01	0.00E+00	2.62E-09	1.50E-09	8.65E-05	2.34E-09	3.71E-02	0.00E+00	2.98E-01	2.00E-08	2.98E-01	3.35E-01	3.71E-02	0.00E+00	0.00E+00	0.00E+00	7.71E+00
VZ331N	6.00E-03	1.51E+00	3.46E-02	1.39E+00	0.00E+00	0.00E+00	2.36E+01	4.80E-05	1.78E-03	1.36E-02	0.00E+00	-4.53E-04	3.34E-09	3.32E-08	7.62E-02	1.90E+00	9.04E-05	0.00E+00	1.50E+01	7.58E-03	1.44E+01	0.00E+00	1.25E-07	5.31E-08	3.98E-03	4.16E-07	2.38E+00	0.00E+00	1.44E+01	3.63E-06	1.44E+01	1.60E+01	2.38E+00	0.00E+00	0.00E+00	0.00E+00	4.83E+02
VZ332N	1.02E-02	1.88E+00	6.52E-02	1.79E+00	0.00E+00	0.00E+00	2.42E+01	4.87E-05	2.01E-03	1.85E-02	0.00E+00	-5.69E-04	3.52E-09	3.84E-08	1.08E-01	3.38E+00	9.04E-05	0.00E+00	1.59E+01	1.15E-02	2.24E+01	0.00E+00	1.88E-07	8.13E-08	5.11E-03	5.89E-07	2.69E+00	0.00E+00	2.24E+01	6.39E-06	2.24E+01	2.42E+01	2.69E+00	0.00E+00	0.00E+00	0.00E+00	5.28E+02
VZ333N	1.14E-02	2.27E+00	6.75E-02	2.02E+00	0.00E+00	0.00E+00	2.42E+01	4.95E-05	2.61E-03	2.17E-02	0.00E+00	-5.84E-04	3.59E-09	4.22E-08	1.29E-01	3.96E+00	9.04E-05	0.00E+00	1.70E+01	1.08E-02	2.85E+01	0.00E+00	2.30E-07	9.99E-08	5.95E-03	5.58E-07	2.75E+00	0.00E+00	2.85E+01	8.50E-06	2.85E+01	3.01E+01	2.75E+00	0.00E+00	0.00E+00	0.00E+00	5.58E+02
VZ334N	1.09E-02	2.78E+00	7.93E-02	2.63E+00	0.00E+00	0.00E+00	2.59E+01	5.36E-05	2.71E-03	2.39E-02	0.00E+00	-5.88E-04	3.81E-09	4.41E-08	1.51E-01	4.88E+00	9.04E-05	0.00E+00	1.89E+01	1.07E-02	3.19E+01	0.00E+00	2.55E-07	1.04E-07	6.85E-03	5.63E-07	3.12E+00	0.00E+00	3.19E+01	8.23E-06	3.19E+01	3.54E+01	3.12E+00	0.00E+00	0.00E+00	0.00E+00	6.33E+02
VZ335N	1.24E-02	3.23E+00	1.02E-01	3.06E+00	0.00E+00	0.00E+00	2.97E+01	6.09E-05	3.00E-03	2.55E-02	0.00E+00	-5.98E-04	5.74E-09	6.39E-08	1.97E-01	6.41E+00	9.11E-05	0.00E+00	2.26E+01	1.11E-02	3.69E+01	0.00E+00	2.85E-07	1.21E-07	7.39E-03	5.81E-07	3.87E+00	0.00E+00	3.69E+01	8.89E-06	3.69E+01	4.15E+01	3.87E+00	0.00E+00	0.00E+00	0.00E+00	7.83E+02
VZ36AP2	1.22E-02	2.38E+00	9.31E-02	2.60E+00	0.00E+00	0.00E+00	2.56E+01	5.52E-05	2.92E-03	2.48E-02	0.00E+00	-3.49E-04	4.13E-09	5.76E-08	1.64E-01	5.20E+00	5.30E-09	0.00E+00	1.95E+01	5.59E-03	3.51E+01	0.00E+00	2.67E-07	1.15E-07	7.16E-03	4.04E-07	3.33E+00	0.00E+00	3.51E+01	9.54E-06	3.51E+01	3.83E+01	3.33E+00	0.00E+00	0.00E+00	0.00E+00	6.61E+02
VZ36AU	1.41E-02	2.81E+00	1.19E-01	3.05E+00	0.00E+00	0.00E+00	3.13E+01	6.26E-05	4.50E-03	2.71E-02	0.00E+00	-1.28E-03	5.13E-09	7.24E-08	1.80E-01	5.95E+00	2.01E-05	0.00E+00	2.10E+01	1.77E-02	3.68E+01	0.00E+00	2.83E-07	1.26E-07	7.71E-03	9.39E-07	3.65E+00	0.00E+00	3.68E+01	9.05E-06	3.68E+01	4.06E+01	3.65E+00	0.00E+00	0.00E+00	0.00E+00	7.26E+02
VZ36CAV	5.13E-03	1.02E+00	3.70E-02	9.79E-01	0.00E+00	0.00E+00	6.80E+00	1.37E-05	1.85E-03	9.77E-03	0.00E+00	-8.22E-04	1.42E-09	2.47E-08	5.87E-02	1.84E+00	1.83E-04	0.00E+00	5.44E+00	1.26E-02	1.21E+01	0.00E+00	9.62E-08	4.16E-08	2.69E-03	4.98E-07	9.92E-01	0.00E+00	1.21E+01	3.00E-06	1.21E+01	1.31E+01	9.92E-01	0.00E+00	0.00E+00	0.00E+00	1.82E+02
VZ36CHU	1.30E-02	2.70E+00	1.20E-01	2.58E+00	0.00E+00	0.00E+00	3.15E+01	6.32E-05	3.34E-03	2.61E-02	0.00E+00	-8.22E-04	5.52E-09	7.76E-08	1.90E-01	6.25E+00	1.83E-04	0.00E+00	2.20E+01	1.29E-02	3.91E+01	0.00E+00	2.96E-07	1.30E-07	7.28E-03	7.36E-07	3.80E+00	0.00E+00	3.91E+01	9.26E-06	3.91E+01	4.29E+01	3.80E+00	0.00E+00	0.00E+00	0.00E+00	7.65E+02
VZ36MME	3.12E-03	9.36E-01	2.07E-02	8.54E-01	0.00E+00	0.00E+00	1.65E+00	2.97E-06	7.89E-04	8.16E-03	0.00E+00	-1.16E-03	3.41E-10	5.20E-09	2.86E-02	9.38E-01	5.30E-09	0.00E+00	1.82E+00	1.62E-02	6.71E+00	0.00E+00	6.07E-08	2.61E-08	2.16E-03	3.04E-07	3.97E-01	0.00E+00	6.71E+00	1.93E-06	6.71E+00	6.98E+00	3.97E-01	0.00E+00	0.00E+00	0.00E+00	5.32E+01
VZ36MMK	3.12E-03	9.36E-01	2.07E-02	8.54E-01	0.00E+00	0.00E+00	1.65E+00	2.97E-06	7.89E-04	8.16E-03	0.00E+00	-1.16E-03	3.41E-10	5.20E-09	2.86E-02	9.38E-01	5.30E-09	0.00E+00	1.82E+00	1.76E-02	6.71E+00	0.00E+00	6.07E-08	2.61E-08	2.16E-03	3.04E-07	3.97E-01	0.00E+00	6.71E+00	1.93E-06	6.71E+00	6.98E+00	3.97E-01	0.00E+00	0.00E+00	0.00E+00	5.32E+01
VZ36NAV	7.59E-03	1.56E+00	4.66E-02	1.49E+00	0.00E+00	0.00E+00	6.86E+00	1.16E-05	3.31E-03	1.46E-02	0.00E+00	-1.36E-03	1.41E-09	2.93E-08	7.67E-02	2.30E+00	5.29E-05	0.00E+00	5.87E+00	1.77E-02	1.57E+01	0.00E+00	1.31E-07	5.76E-08	4.02E-03	4.87E-07	1.17E+00	0.00E+00	1.57E+01	3.37E-06	1.57E+01	1.72E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+02
VZ36NRK	1.34E-02	2.57E+00	1.17E-01	3.23E+00	0.00E+00	0.00E+00	3.02E+01	6.64E-05	3.41E-03	2.58E-02	0.00E+00	-1.62E-03	6.12E-09	7.56E-08	2.07E-01	6.73E+00	1.05E-04	0.00E+00	2.42E+01	3.48E-02	4.26E+01	0.00E+00	3.22E-07	1.43E-07	7.50E-03	1.08E-06	4.21E+00	0.00E+00	4.26E+01	9.80E-06	4.26E+01	4.68E+01	4.21E+00	0.00E+00	0.00E+00	0.00E+00	8.43E+02
VZ36NUH	1.44E-02	2.47E+00	1.18E-01	2.63E+00	0.00E+00	0.00E+00	3.05E+01	6.48E-05	5.92E-03	2.53E-02	0.00E+00	-2.39E-03	5.24E-09	8.92E-08	1.90E-01	6.16E+00	1.64E-04	0.00E+00	2.33E+01	4.37E-02	3.86E+01	0.00E+00	2.91E-07	1.29E-07	7.16E-03	1.25E-06	3.96E+00	0.00E+00	3.86E+01	9.45E-06	3.86E+01	4.22E+01	3.96E+00	0.00E+00	0.00E+00	0.00E+00	8.08E+02
VZ406	3.17E-04	7.96E-02	1.65E-03	7.74E-02	0.00E+00	0.00E+00	2.04E-01	4.70E-07	7.04E-05	6.92E-04	0.00E+00	-1.27E-03	3.15E-11	1.13E-09	3.92E-03	1.16E-01	5.04E-07	0.00E+00	2.43E-01	1.88E-03	9.42E-01	0.00E+00	8.12E-09	3.16E-09	2.19E-04	8.56E-08	5.48E-02	0.00E+00	9.42E-01	3.87E-08	9.42E-01	9.53E-01	5.48E-02	0.00E+00	0.00E+00	0.00E+00	6.43E+00
VZ408	3.83E-04	1.20E-01	3.96E-03	1.65E-01	0.00E+00	0.00E+00	2.20E-01	5.29E-07	9.89E-05	6.75E-04	0.00E+00	-1.60E-03	3.96E-11	9.27E-10	4.18E-03	1.03E-01	9.02E-07	0.00E+00	2.58E-01	7.06E-03	8.65E-01	0.00E+00	8.18E-09	2.92E-09	2.25E-04	3.03E-07	5.38E-02	0.00E+00	8.65E-01	6.26E-08	8.65E-01	9.66E-01	5.38E-02	0.00E+00	0.00E+00	0.00E+00	6.86E+00
VZ411N	3.50E-04	7.46E-02	1.81E-03	9.17E-02	0.00E+00	0.00E+00	1.99E-01	4.01E-07	6.31E-05	6.43E-04	0.00E+00	-4.07E-04	3.53E-11	6.27E-10	3.43E-03	1.08E-01	5.35E-07	0.00E+00	2.38E-01	5.40E-03	8.83E-01	0.00E+00	7.80E-09	2.88E-09	2.03E-04	2.41E-07	4.93E-02	0.00E+00	8.83E-01	1.91E-07	8.83E-01	9.48E-01	4.93E-02	0.00E+00	0.00E+00	0.00E+00	6.75E+00
VZ418	2.92E-04	7.44E-02	1.50E-03	5.67E-02	0.00E+00	0.00E+00	1.11E-01	3.73E-07	8.99E-05	4.40E-04	0.00E+00	-1.37E-03	2.59E-11	8.38E-10	1.43E-03	6.31E-02	4.19E-05	0.00E+00	1.54E-01	7.84E-03	4.11E-01	0.00E+00	3.73E-09	1.88E-09	1.24E-04	2.90E-07	2.53E-02	0.00E+00	4.11E-01	6.43E-08	4.11E-01	4.56E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	5.12E+00
VZ451N	2.84E-03	9.74E-01	1.11E-02	8.77E-01	0.00E+00	0.00E+00	1.64E+00	2.28E-06	7.41E-04	8.29E-03	0.00E+00	-3.36E-05	3.34E-10	6.82E-09	1.91E-02	7.40E-01	2.64E-06	0.00E+00	2.44E+00	3.28E-04	4.77E+00	0.00E+00	4.82E-08	2.10E-08	2.07E-03	5.73E-08	3.89E-01	0.00E+00	4.77E+00	1.35E-06	4.77E+00	5.09E+00	3.89E-01	0.00E+00	0.00E+00	0.00E+00	7.42E+01
VZ452N	5.26E-03	1.35E+00	2.12E-02	1.35E+00	0.00E+00	0.00E+00	3.77E+00	7.68E-06	1.44E-03	1.39E-02	0.00E+00	-1.17E-04	7.60E-10	1.10E-08	5.77E-02	1.73E+00	2.59E-06	0.00E+00	4.89E+00	3.81E-04	1.26E+01	0.00E+00	1.02E-07	4.62E-08	3.78E-03	1.18E-07	8.51E-01	0.00E+00	1.26E+01	3.84E-06	1.26E+01	1.34E+01	8.51E-01	0.00E+00	0.00E+00	0.00E+00	1.52E+02
VZ453N	6.59E-03	1.56E+00	3.78E-02	1.55E+00	0.00E+00	0.00E+00	4.26E+00	9.35E-06	1.56E-03	1.55E-02	0.00E+00	-1.18E-04	8.55E-10	1.14E-08	7.86E-02	2.09E+00	2.67E-06	0.00E+00	5.78E+00	4.36E-04	1.63E+01	0.00E+00	1.36E-07	5.76E-08	4.38E-03	1.51E-07	1.07E+00	0.00E+00	1.63E+01	4.56E-06	1.63E+01	1.73E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+02
VZ454N	1.05E-02	1.96E+00	6.32E-02	1.80E+00	0.00E+00	0.00E+00	6.87E+00	1.61E-05	2.02E-03	1.80E-02	0.00E+00	-2.77E-04	1.57E-09	3.45E-08	1.06E-01	3.39E+00	2.67E-06	0.00E+00	8.45E+00	4.71E-03	2.25E+01	0.00E+00	1.85E-07	8.12E-08	5.67E-03	4.13E-07	1.61E+00	0.00E+00	2.25E+01	6.28E-06	2.25E+01	2.45E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	2.77E+02
VZ455M	1.09E-02	2.30E+00	6.91E-02	1.88E+00	0.00E+00	0.00E+00	9.55E+00	2.11E-05	2.33E-03	2.17E-02	0.00E+00	-2.74E-04	1.82E-09	4.03E-08	1.32E-01	3.83E+00	2.35E-06	0.00E+00	1.08E+01	4.21E-03	2.84E+01	0.00E+00	2.35E-07	9.93E-08	6.43E-03	4.30E-07	2.02E+00	0.00E+00	2.84E+01	8.58E-06	2.84E+01	3.18E+01	2.02E+00	0.00E+00	0.00E+00	0.00E+00	3.34E+02
VZ461	4.33E-04	1.20E-01	2.76E-03	1.18E-01	0.00E+00	0.00E+00	3.26E-01	6.09E-07	1.02E-04	9.74E-04	0.00E+00	-7.02E-04	9.64E-11	1.83E-09	1.11E-02	2.26E-01	3.83E-06	0.00E+00	4.92E-01	1.12E-02	2.06E+00	0.00E+00	1.64E-08	5.48E-09	3.12E-04	1.08E-07	1.05E-01	0.00E+00	2.06E+00	4.29E-07	2.06E+00	2.12E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	1.12E+01
VZ462	5.98E-04	1.24E-01	3.07E-03	1.09E-01	0.00E+00	0.00E+00	4.66E-01	7.34E-07	8.90E-05	9.92E-04	0.00E+00	-6.93E-04	1.03E-10	2.02E-09	1.35E-02	2.61E-01	5.29E-05	0.00E+00	5.97E-01	1.16E-02	2.46E+00	0.00E+00	2.03E-08	6.44E-09	3.08E-04	1.16E-07	1.33E-01	0.00E+00	2.46E+00	4.76E-07	2.46E+00	2.60E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+01
VZ463	7.93E-04	1.37E-01	3.44E-03	1.46E-01	0.00E+00	0.00E+00	5.36E-01	9.50E-07	1.13E-04	1.36E-03	0.00E+00	-1.06E-03	1.09E-10	2.40E-09	1.41E-02	2.96E-01	5.31E-05	0.00E+00	6.38E-01	1.79E-02	2.67E+00	0.00E+00	2.26E-08	7.98E-09	4.35E-04	3.02E-07	1.40E-01	0.00E+00	2.67E+00	6.29E-07	2.67E+00	2.88E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	1.77E+01
VZ473	3.08E-03	7.99E-01	3.15E-01	7.93E-01	0.00E+00	0.00E+00	1.73E+00	2.43E-06	6.80E-04	8.72E-03	0.00E+00	-3.19E-02	3.71E-10	4.76E-09	3.40E-02	1.09E+00	6.76E-06	0.00E+00	1.85E+00	4.83E-01	7.70E+00	0.00E+00	6.93E-08	3.11E-08	2.16E-03	6.90E-06	4.49E-01	0.00E+00	7.70E+00	-4.46E-06	7.70E+00	8.26E+00	4.49E-01	0.00E+00	0.00E+00	0.00E+00	4.98E+01
VZ48AU	1.71E-02	3.59E+00	1.40E-01	3.39E+00	0.00E+00	0.00E+00	3.49E+01	7.10E-05	5.32E-03	3.27E-02	0.00E+00	-2.16E-03	5.48E-09	7.94E-08	2.38E-01	7.47E+00	2.10E-05	0.00E+00	2.48E+01	4.00E-02	4.87E+01	0.00E+00	3.82E-07	1.67E-07	9.19E-03	1.24E-06	4.35E+00	0.00E+00	4.87E+01	1.25E-05	4.87E+01	5.31E+01	4.35E+00	0.00E+00	0.00E+00	0.00E+00	8.28E+02
VZ48CAV	6.87E-03	1.32E+00	4.86E-02	1.28E+00	0.00E+00	0.00E+00	9.20E+00	1.85E-05	2.52E-03	1.28E-02	0.00E+00	-1.01E-03	1.83E-09	3.40E-08	7.72E-02	2.46E+00	1.83E-04	0.00E+00	7.31E+00	1.51E-02	1.60E+01	0.00E+00	1.27E-07	5.51E-08	3.53E-03	5.91E-07	1.33E+00	0.00E+00	1.60E+01	3.95E-06	1.60E+01	1.73E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+02
VZ48CHU	1.58E-02	3.25E+00	1.43E-01	3.10E+00	0.00E+00	0.00E+00	3.74E+01	7.51E-05	4.22E-03	3.14E-02	0.00E+00	-1.01E-03	6.51E-09	9.44E-08	2.27E-01	7.49E+00	1.83E-04	0.00E+00	2.62E+01	1.55E-02	4.68E+01	0.00E+00	3.55E-07	1.56E-07	8.76E-03	8.63E-07	4.54E+00	0.00E+00	4.68E+01	1.11E-05	4.68E+01	5.13E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	9.12E+02
VZ48MME	3.23E-03	9.30E-01	2.46E-02	9.25E-01	0.00E+00	0.00E+00	1.89E+00	3.74E-06	7.98E-04	8.59E-03	0.00E+00	-1.23E-03	4.58E-10	5.65E-09	3.90E-02	1.09E+00	5.30E-09	0.00E+00	2.02E+00	1.66E-02	8.03E+00	0.00E+00	6.98E-08	3.04E-08	2.20E-03	3.17E-07	4.60E-01	0.00E+00	8.03E+00	2.26E-06	8.03E+00	8.54E+00	4.60E-01	0.00E+00	0.00E+00	0.00E+00	6.15E+01
VZ48MMK	3.25E-03	9.29E-01	2.43E-02	9.23E-01	0.00E+00	0.00E+00	1.91E+00	3.74E-06	7.98E-04	8.59E-03	0.00E+00	-1.16E-03	4.57E-10	5.88E-09	3.89E-02	1.09E+00	5.30E-09	0.00E+00	2.02E+00	1.76E-02	8.02E+00	0.00E+00	6.96E-08	3.04E-08	2.20E-03	3.04E-07	4.60E-01	0.00E+00	8.02E+00	2.26E-06	8.02E+00	8.53E+00	4.60E-01	0.00E+00	0.00E+00	0.00E+00	6.15E+01
VZ48NAV	7.79E-03	1.74E+00	4.63E-02	1.80E+00	0.00E+00	0.00E+00	7.16E+00	1.17E-05	3.46E-03	1.74E-02	0.00E+00	-1.50E-03	1.46E-09	3.08E-08	7.54E-02	2.31E+00	7.85E-05	0.00E+00	6.02E+00	1.91E-02	1.55E+01	0.00E+00	1.34E-07	5.90E-08	4.53E-03	5.06E-07	1.19E+00	0.00E+00	1.55E+01	3.25E-06	1.55E+01	1.70E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+02
VZ48NRK	1.70E-02	3.46E+00	1.44E-01	3.62E+00	0.00E+00	0.00E+00	3.60E+01	7.46E-05	4.83E-03	3.16E-02	0.00E+00	-8.82E-04	6.33E-09	9.49E-08	2.55E-01	7.76E+00	1.52E-04	0.00E+00	2.70E+01	1.38E-02	5.33E+01	0.00E+00	3.99E-07	1.74E-07	9.19E-03	1.06E-06	4.70E+00	0.00E+00	5.33E+01	1.27E-05	5.33E+01	5.75E+01	4.70E+00	0.00E+00	0.00E+00	0.00E+00	9.46E+02
VZ48NUH	1.84E-02	3.63E+00	1.55E-01	3.46E+00	0.00E+00	0.00E+00	3.67E+01	7.65E-05	7.62E-03	3.25E-02	0.00E+00	-1.94E-03	6.25E-09	1.24E-07	2.52E-01	8.27E+00	1.66E-04	0.00E+00	2.89E+01	2.77E-02	5.35E+01	0.00E+00	3.99E-07	1.76E-07	9.39E-03	1.19E-06	4.90E+00	0.00E+00	5.35E+01	1.33E-05	5.35E+01	5.88E+01	4.90E+00	0.00E+00	0.00E+00	0.00E+00	9.77E+02
VZ510N	3.92E-04	6.74E-02	3.74E-03	1.02E-01	0.00E+00	0.00E+00	1.70E-01	5.31E-07	9.12E-05	3.68E-04	0.00E+00	-1.75E-03	2.98E-11	9.29E-10	1.67E-03	6.25E-02	9.84E-07	0.00E+00	1.70E-01	1.25E-02	4.39E-01	0.00E+00	3.86E-09	2.04E-09	1.29E-04	3.94E-07	2.90E-02	0.00E+00	4.39E-01	1.12E-07	4.39E-01	5.09E-01	2.90E-02	0.00E+00	0.00E+00	0.00E+00	7.22E+00
VZ511N	3.91E-04	6.27E-02	3.16E-03	9.54E-02	0.00E+00	0.00E+00	1.70E-01	5.35E-07	9.05E-05	3.68E-04	0.00E+00	-1.74E-03	2.98E-11	9.25E-10	1.67E-03	6.25E-02	9.84E-07	0.00E+00	1.70E-01	1.23E-02	4.39E-01	0.00E+00	3.86E-09	2.04E-09	1.28E-04	3.95E-07	2.86E-02	0.00E+00	4.39E-01	1.16E-07	4.39E-01	5.09E-01	2.86E-02	0.00E+00	0.00E+00	0.00E+00	7.05E+00
VZ512N	3.82E-04	6.95E-02	3.63E-03	1.02E-01	0.00E+00	0.00E+00	1.83E-01	5.31E-07	6.56E-05	3.67E-04	0.00E+00	-1.75E-03	2.98E-11	8.95E-10	1.65E-03	6.49E-02	9.84E-07	0.00E+00	1.78E-01	1.27E-02	4.38E-01	0.00E+00	3.86E-09	2.02E-09	1.31E-04	3.95E-07	3.04E-02	0.00E+00	4.38E-01	1.12E-07	4.38E-01	5.04E-01	3.04E-02	0.00E+00	0.00E+00	0.00E+00	7.55E+00
VZ513N	4.29E-04	7.57E-02	3.70E-03	1.09E-01	0.00E+00	0.00E+00	1.94E-01	5.38E-07	5.61E-05	4.80E-04	0.00E+00	-1.77E-03	3.00E-11	9.16E-10	1.87E-03	7.53E-02	9.84E-07	0.00E+00	2.07E-01	1.27E-02	5.83E-01	0.00E+00	5.02E-09	2.58E-09	1.66E-04	3.95E-07	3.54E-02	0.00E+00	5.83E-01	1.18E-07	5.83E-01	6.74E-01	3.54E-02	0.00E+00	0.00E+00	0.00E+00	8.20E+00
VZ514N	4.35E-04	8.00E-02	3.76E-03	1.14E-01	0.00E+00	0.00E+00	2.10E-01	5.38E-07	5.64E-05	5.72E-04	0.00E+00	-1.77E-03	3.05E-11	9.69E-10	2.11E-03	8.27E-02	9.84E-07	0.00E+00	2.28E-01	1.27E-02	6.98E-01	0.00E+00	6.14E-09	2.80E-09	1.85E-04	3.95E-07	4.24E-02	0.00E+00	6.98E-01	1.15E-07	6.98E-01	7.86E-01	4.24E-02	0.00E+00	0.00E+00	0.00E+00	8.31E+00
VZ515N	4.35E-04	8.06E-02	5.35E-03	1.20E-01	0.00E+00	0.00E+00	2.18E-01	6.20E-07	6.53E-05	5.84E-04	0.00E+00	-1.56E-03	3.17E-11	3.17E-09	2.45E-03	8.73E-02	9.84E-07	0.00E+00	4.60E-01	1.30E-02	7.16E-01	0.00E+00	6.90E-09	2.81E-09	1.89E-04	4.90E-07	9.84E-02	0.00E+00	7.16E-01	1.66E-07	7.16E-01	7.95E-01	9.84E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
VZ523	6.21E-04	1.16E-01	4.65E-03	1.46E-01	0.00E+00	0.00E+00	4.98E-01	9.88E-07	1.08E-04	8.99E-04	0.00E+00	-6.45E-05	1.09E-10	3.42E-09	1.59E-02	2.62E-01	5.87E-06	0.00E+00	6.17E-01	3.16E-04	2.80E+00	0.00E+00	2.20E-08	6.54E-09	3.29E-04	5.12E-08	1.35E-01	0.00E+00	2.80E+00	5.80E-07	2.80E+00	2.89E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+01
VZ551N	3.17E-04	7.96E-02	1.65E-03	7.74E-02	0.00E+00	0.00E+00	2.04E-01	4.70E-07	6.93E-05	6.92E-04	0.00E+00	-3.13E-05	3.15E-11	1.13E-09	3.92E-03	1.16E-01	5.04E-07	0.00E+00	2.43E-01	1.88E-03	9.42E-01	0.00E+00	8.12E-09	3.16E-09	2.19E-04	8.56E-08	5.48E-02	0.00E+00	9.42E-01	3.87E-08	9.42E-01	9.53E-01	5.48E-02	0.00E+00	0.00E+00	0.00E+00	6.43E+00
VZ552N	5.96E-04	1.03E-01	3.15E-03	1.12E-01	0.00E+00	0.00E+00	4.75E-01	8.05E-07	1.12E-04	1.18E-03	0.00E+00	-7.28E-06	1.01E-10	1.52E-09	1.37E-02	2.68E-01	8.75E-08	0.00E+00	6.11E-01	1.27E-04	2.51E+00	0.00E+00	2.11E-08	6.90E-09	3.55E-04	3.00E-08	1.33E-01	0.00E+00	2.51E+00	5.23E-07	2.51E+00	2.69E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+01
VZ553N	1.83E-03	4.13E-01	5.64E-03	4.73E-01	0.00E+00	0.00E+00	6.92E-01	9.73E-07	3.47E-04	4.20E-03	0.00E+00	-7.28E-06	1.24E-10	2.29E-09	1.50E-02	4.47E-01	5.30E-09	0.00E+00	8.01E-01	1.31E-04	3.23E+00	0.00E+00	2.79E-08	1.32E-08	1.11E-03	4.59E-08	1.83E-01	0.00E+00	3.23E+00	7.69E-07	3.23E+00	3.43E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	2.42E+01
VZ554N	2.21E-03	6.95E-01	5.95E-03	5.73E-01	0.00E+00	0.00E+00	8.73E-01	1.04E-06	6.03E-04	5.52E-03	0.00E+00	-7.28E-06	1.92E-10	3.10E-09	1.56E-02	4.77E-01	5.30E-09	0.00E+00	8.11E-01	1.43E-04	3.28E+00	0.00E+00	2.83E-08	1.39E-08	1.62E-03	4.34E-08	1.93E-01	0.00E+00	3.28E+00	7.78E-07	3.28E+00	3.52E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
VZ555N	2.91E-03	8.10E-01	1.19E-02	7.32E-01	0.00E+00	0.00E+00	1.61E+00	2.28E-06	6.41E-04	7.68E-03	0.00E+00	-7.28E-06	3.26E-10	4.70E-09	2.90E-02	9.37E-01	5.30E-09	0.00E+00	1.70E+00	1.72E-04	6.18E+00	0.00E+00	5.89E-08	2.55E-08	2.13E-03	5.67E-08	3.93E-01	0.00E+00	6.18E+00	2.10E-06	6.18E+00	6.49E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	4.77E+01
VZ602	3.83E-04	9.93E-02	2.44E-03	1.06E-01	0.00E+00	0.00E+00	2.08E-01	4.78E-07	9.86E-05	7.81E-04	0.00E+00	-1.63E-03	9.90E-11	1.05E-09	4.09E-03	1.06E-01	7.60E-04	0.00E+00	2.42E-01	1.30E-02	8.62E-01	0.00E+00	7.83E-09	2.94E-09	2.30E-04	3.28E-07	5.17E-02	0.00E+00	8.62E-01	1.30E-07	8.62E-01	9.37E-01	5.17E-02	0.00E+00	0.00E+00	0.00E+00	6.61E+00
VZ602N	6.37E-04	1.89E-01	3.04E-01	1.91E-01	0.00E+00	0.00E+00	2.32E-01	4.29E-07	1.44E-04	1.84E-03	0.00E+00	-3.16E-02	4.97E-11	6.42E-10	6.50E-03	1.53E-01	6.76E-06	0.00E+00	3.02E-01	4.78E-01	1.33E+00	0.00E+00	1.11E-08	4.23E-09	4.48E-04	6.66E-06	6.98E-02	0.00E+00	1.33E+00	-6.21E-06	1.33E+00	1.41E+00	6.98E-02	0.00E+00	0.00E+00	0.00E+00	8.23E+00
VZ603N	8.09E-04	2.21E-01	3.05E-01	1.96E-01	0.00E+00	0.00E+00	4.91E-01	7.84E-07	1.48E-04	1.92E-03	0.00E+00	-3.16E-02	1.02E-10	1.12E-09	1.46E-02	2.99E-01	6.76E-06	0.00E+00	6.80E-01	4.78E-01	2.70E+00	0.00E+00	2.21E-08	7.68E-09	5.13E-04	6.67E-06	1.47E-01	0.00E+00	2.70E+00	-5.94E-06	2.70E+00	2.87E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+01
VZ604N	1.24E-03	3.44E-01	3.07E-01	3.03E-01	0.00E+00	0.00E+00	5.94E-01	9.48E-07	2.98E-04	3.14E-03	0.00E+00	-3.16E-02	1.14E-10	1.73E-09	1.63E-02	3.65E-01	6.76E-06	0.00E+00	7.55E-01	4.78E-01	3.14E+00	0.00E+00	2.61E-08	1.04E-08	8.14E-04	6.69E-06	1.68E-01	0.00E+00	3.14E+00	-5.78E-06	3.14E+00	3.34E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	1.93E+01
VZ605N	1.71E-03	5.58E-01	3.07E-01	6.09E-01	0.00E+00	0.00E+00	7.02E-01	9.79E-07	3.65E-04	4.90E-03	0.00E+00	-3.16E-02	1.42E-10	1.83E-09	1.81E-02	4.32E-01	6.76E-06	0.00E+00	8.28E-01	4.78E-01	3.53E+00	0.00E+00	2.86E-08	1.34E-08	1.15E-03	6.70E-06	1.90E-01	0.00E+00	3.53E+00	-5.76E-06	3.53E+00	3.68E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	2.33E+01
VZ606N	3.02E-03	1.09E+00	3.13E-01	9.87E-01	0.00E+00	0.00E+00	1.39E+00	1.83E-06	8.67E-04	9.60E-03	0.00E+00	-3.16E-02	3.05E-10	4.66E-09	2.93E-02	9.10E-01	6.76E-06	0.00E+00	1.68E+00	4.78E-01	5.96E+00	0.00E+00	5.55E-08	2.47E-08	2.34E-03	6.70E-06	3.82E-01	0.00E+00	5.96E+00	-4.90E-06	5.96E+00	6.33E+00	3.82E-01	0.00E+00	0.00E+00	0.00E+00	4.75E+01
VZ607N	1.24E-03	3.41E-01	3.07E-01	3.01E-01	0.00E+00	0.00E+00	5.94E-01	9.03E-07	3.00E-04	3.16E-03	0.00E+00	-3.16E-02	1.17E-10	1.73E-09	1.64E-02	3.65E-01	6.76E-06	0.00E+00	7.57E-01	4.78E-01	3.15E+00	0.00E+00	2.60E-08	1.03E-08	8.05E-04	6.70E-06	1.68E-01	0.00E+00	3.15E+00	-5.78E-06	3.15E+00	3.34E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	1.93E+01
VZ609N	3.18E-03	1.13E+00	3.14E-01	1.16E+00	0.00E+00	0.00E+00	1.54E+00	2.76E-06	9.22E-04	1.09E-02	0.00E+00	-3.16E-02	3.85E-10	4.76E-09	3.59E-02	1.00E+00	6.76E-06	0.00E+00	1.79E+00	4.78E-01	7.04E+00	0.00E+00	6.68E-08	2.92E-08	2.35E-03	6.71E-06	4.08E-01	0.00E+00	7.04E+00	-4.69E-06	7.04E+00	7.63E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	5.18E+01
VZ60AU	2.09E-02	4.84E+00	1.62E-01	3.96E+00	0.00E+00	0.00E+00	3.60E+01	7.80E-05	6.16E-03	3.64E-02	0.00E+00	-2.15E-03	5.65E-09	8.07E-08	2.70E-01	8.29E+00	6.43E-06	0.00E+00	2.72E+01	4.20E-02	5.77E+01	0.00E+00	4.80E-07	2.10E-07	1.07E-02	1.30E-06	4.85E+00	0.00E+00	5.77E+01	1.70E-05	5.77E+01	6.45E+01	4.85E+00	0.00E+00	0.00E+00	0.00E+00	9.00E+02
VZ60CAV	8.99E-03	1.78E+00	6.56E-02	1.93E+00	0.00E+00	0.00E+00	7.34E+00	1.29E-05	3.54E-03	1.82E-02	0.00E+00	-2.23E-03	1.51E-09	3.22E-08	9.63E-02	2.80E+00	6.11E-05	0.00E+00	6.76E+00	4.07E-02	2.02E+01	0.00E+00	1.65E-07	7.02E-08	4.81E-03	1.18E-06	1.33E+00	0.00E+00	2.02E+01	4.77E-06	2.02E+01	2.22E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+02
VZ60CHU	2.08E-02	4.04E+00	1.81E-01	3.86E+00	0.00E+00	0.00E+00	4.64E+01	9.37E-05	6.10E-03	3.92E-02	0.00E+00	-1.41E-03	6.45E-09	1.26E-07	2.82E-01	9.45E+00	1.83E-04	0.00E+00	3.28E+01	2.10E-02	5.84E+01	0.00E+00	4.42E-07	1.95E-07	1.10E-02	1.09E-06	5.68E+00	0.00E+00	5.84E+01	1.38E-05	5.84E+01	6.40E+01	5.68E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+03
VZ60MME	4.82E-03	1.11E+00	2.76E-02	1.23E+00	0.00E+00	0.00E+00	2.15E+00	3.88E-06	9.41E-04	1.19E-02	0.00E+00	-1.23E-03	4.69E-10	7.53E-09	3.94E-02	1.22E+00	5.30E-09	0.00E+00	2.14E+00	1.66E-02	8.69E+00	0.00E+00	7.26E-08	3.20E-08	3.10E-03	3.15E-07	4.73E-01	0.00E+00	8.69E+00	2.29E-06	8.69E+00	9.21E+00	4.73E-01	0.00E+00	0.00E+00	0.00E+00	6.87E+01
VZ60MMK	4.80E-03	1.12E+00	2.76E-02	1.23E+00	0.00E+00	0.00E+00	2.17E+00	3.88E-06	9.42E-04	1.19E-02	0.00E+00	-1.23E-03	4.70E-10	7.86E-09	3.94E-02	1.25E+00	5.30E-09	0.00E+00	2.14E+00	1.81E-02	8.72E+00	0.00E+00	7.27E-08	3.26E-08	3.11E-03	3.15E-07	4.73E-01	0.00E+00	8.72E+00	2.29E-06	8.72E+00	9.25E+00	4.73E-01	0.00E+00	0.00E+00	0.00E+00	6.85E+01
VZ60NAV	1.19E-02	2.15E+00	7.14E-02	2.07E+00	0.00E+00	0.00E+00	9.63E+00	2.02E-05	4.62E-03	2.07E-02	0.00E+00	-1.82E-03	1.88E-09	4.16E-08	1.16E-01	3.71E+00	4.75E-05	0.00E+00	1.07E+01	2.52E-02	2.58E+01	0.00E+00	2.13E-07	8.90E-08	6.10E-03	9.28E-07	2.00E+00	0.00E+00	2.58E+01	6.58E-06	2.58E+01	2.80E+01	2.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E+02
VZ60NUH	1.97E-02	4.40E+00	1.72E-01	4.15E+00	0.00E+00	0.00E+00	3.72E+01	8.20E-05	6.58E-03	3.66E-02	0.00E+00	-2.51E-03	6.63E-09	1.10E-07	2.81E-01	8.66E+00	4.75E-06	0.00E+00	3.23E+01	4.56E-02	5.90E+01	0.00E+00	4.57E-07	2.04E-07	1.08E-02	1.41E-06	5.40E+00	0.00E+00	5.90E+01	1.62E-05	5.90E+01	6.46E+01	5.40E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+03
VZ610N	3.76E-03	1.24E+00	3.17E-01	1.46E+00	0.00E+00	0.00E+00	1.70E+00	2.40E-06	9.61E-04	1.34E-02	0.00E+00	-3.27E-02	4.16E-10	5.31E-09	3.54E-02	1.06E+00	7.18E-06	0.00E+00	1.94E+00	4.80E-01	7.27E+00	0.00E+00	6.73E-08	3.05E-08	2.81E-03	6.76E-06	4.41E-01	0.00E+00	7.27E+00	-4.87E-06	7.27E+00	7.67E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	6.08E+01
VZ621N	5.92E-04	8.74E-02	3.03E-01	9.83E-02	0.00E+00	0.00E+00	2.87E-01	1.61E-06	1.01E-04	1.03E-03	0.00E+00	-3.16E-02	4.34E-11	7.41E-10	5.46E-03	1.66E-01	6.80E-06	0.00E+00	4.65E-01	4.78E-01	1.53E+00	0.00E+00	1.13E-08	4.95E-09	3.33E-04	6.64E-06	7.63E-02	0.00E+00	1.53E+00	-5.72E-06	1.53E+00	1.65E+00	7.63E-02	0.00E+00	0.00E+00	0.00E+00	1.89E+01

VZ624N	1.20E-03	2.72E-01	3.07E-01	2.77E-01	0.00E+00	0.00E+00	6.34E-01	3.92E-06	2.66E-04	2.90E-03	0.00E+00	-3.17E-02	1.06E-10	1.78E-09	1.69E-02	3.76E-01	7.05E-06	0.00E+00	8.74E-01	4.80E-01	3.93E+00	0.00E+00	2.84E-08	1.19E-08	7.99E-04	6.68E-06	1.71E-01	0.00E+00	3.93E+00	-4.30E-06	3.93E+00	4.13E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+01
VZ625N	2.23E-03	5.30E-01	3.07E-01	5.10E-01	0.00E+00	0.00E+00	8.48E-01	5.35E-06	3.69E-04	5.33E-03	0.00E+00	-3.17E-02	1.42E-10	2.21E-09	1.90E-02	4.67E-01	6.76E-06	0.00E+00	1.10E+00	4.80E-01	4.49E+00	0.00E+00	3.14E-08	1.59E-08	1.22E-03	6.68E-06	2.08E-01	0.00E+00	4.49E+00	-4.07E-06	4.49E+00	4.60E+00	2.08E-01	0.00E+00	0.00E+00	0.00E+00	4.54E+01
VZ626N	3.86E-03	7.58E-01	3.14E-01	7.15E-01	0.00E+00	0.00E+00	2.10E+00	8.16E-06	7.23E-04	7.98E-03	0.00E+00	-3.16E-02	3.53E-10	5.11E-09	3.79E-02	1.25E+00	6.76E-06	0.00E+00	3.08E+00	4.79E-01	1.03E+01	0.00E+00	8.87E-08	4.12E-08	2.15E-03	6.69E-06	5.86E-01	0.00E+00	1.03E+01	-2.30E-06	1.03E+01	1.09E+01	5.86E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
VZ627N	1.23E-03	2.77E-01	3.07E-01	2.90E-01	0.00E+00	0.00E+00	6.36E-01	4.19E-06	2.67E-04	3.04E-03	0.00E+00	-3.17E-02	1.20E-10	1.80E-09	1.70E-02	3.77E-01	6.76E-06	0.00E+00	8.87E-01	4.80E-01	3.95E+00	0.00E+00	2.85E-08	1.19E-08	8.03E-04	6.69E-06	1.73E-01	0.00E+00	3.95E+00	-4.30E-06	3.95E+00	4.13E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.29E+01
VZ628N	2.69E-03	6.14E-01	3.07E-01	5.33E-01	0.00E+00	0.00E+00	1.02E+00	5.61E-06	6.40E-04	5.53E-03	0.00E+00	-3.17E-02	1.95E-10	2.87E-09	1.90E-02	4.86E-01	6.76E-06	0.00E+00	1.16E+00	4.80E-01	4.51E+00	0.00E+00	3.09E-08	1.54E-08	1.60E-03	6.69E-06	2.19E-01	0.00E+00	4.51E+00	-4.06E-06	4.51E+00	4.71E+00	2.19E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
VZ629N	4.74E-03	8.53E-01	3.14E-01	1.00E+00	0.00E+00	0.00E+00	2.27E+00	8.46E-06	7.61E-04	1.02E-02	0.00E+00	-3.16E-02	3.95E-10	5.91E-09	4.31E-02	1.32E+00	6.76E-06	0.00E+00	3.18E+00	4.79E-01	1.14E+01	0.00E+00	9.36E-08	4.25E-08	2.58E-03	6.71E-06	5.92E-01	0.00E+00	1.14E+01	-1.81E-06	1.14E+01	1.24E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+02
VZ630N	5.58E-03	1.01E+00	3.17E-01	1.10E+00	0.00E+00	0.00E+00	2.56E+00	9.45E-06	8.56E-04	1.17E-02	0.00E+00	-3.16E-02	4.21E-10	6.18E-09	4.24E-02	1.49E+00	6.76E-06	0.00E+00	3.46E+00	4.78E-01	1.27E+01	0.00E+00	1.01E-07	5.08E-08	3.20E-03	6.71E-06	6.51E-01	0.00E+00	1.27E+01	-1.37E-06	1.27E+01	1.35E+01	6.51E-01	0.00E+00	0.00E+00	0.00E+00	1.27E+02
VZ631N	1.93E-03	4.38E-01	3.07E-01	4.57E-01	0.00E+00	0.00E+00	7.58E-01	4.68E-06	2.98E-04	4.27E-03	0.00E+00	-3.17E-02	1.33E-10	1.84E-09	1.73E-02	4.49E-01	6.76E-06	0.00E+00	1.06E+00	4.80E-01	4.21E+00	0.00E+00	3.11E-08	1.54E-08	1.09E-03	6.68E-06	1.99E-01	0.00E+00	4.21E+00	-4.22E-06	4.21E+00	4.36E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	4.33E+01
VZ643N	1.54E-03	3.65E-01	3.08E-01	3.23E-01	0.00E+00	0.00E+00	7.95E-01	1.63E-06	4.42E-04	3.90E-03	0.00E+00	-3.16E-02	1.43E-10	3.11E-09	1.69E-02	4.69E-01	6.76E-06	0.00E+00	1.04E+00	4.78E-01	3.52E+00	0.00E+00	3.10E-08	1.36E-08	1.01E-03	6.71E-06	2.21E-01	0.00E+00	3.52E+00	-5.71E-06	3.52E+00	3.88E+00	2.21E-01	0.00E+00	0.00E+00	0.00E+00	3.00E+01
VZ644N	2.05E-03	7.06E-01	3.09E-01	7.00E-01	0.00E+00	0.00E+00	8.99E-01	1.64E-06	4.91E-04	5.82E-03	0.00E+00	-3.16E-02	1.83E-10	3.01E-09	1.97E-02	5.58E-01	6.76E-06	0.00E+00	1.11E+00	4.78E-01	3.97E+00	0.00E+00	3.49E-08	1.68E-08	1.34E-03	6.70E-06	2.46E-01	0.00E+00	3.97E+00	-5.65E-06	3.97E+00	4.28E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
VZ647N	2.01E-03	5.92E-01	3.10E-01	6.30E-01	0.00E+00	0.00E+00	9.23E-01	1.76E-06	4.82E-04	5.33E-03	0.00E+00	-3.16E-02	1.84E-10	3.05E-09	2.22E-02	5.79E-01	6.76E-06	0.00E+00	1.17E+00	4.78E-01	4.34E+00	0.00E+00	3.78E-08	1.71E-08	1.31E-03	6.71E-06	2.57E-01	0.00E+00	4.34E+00	-5.43E-06	4.34E+00	4.64E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	3.34E+01
VZ648N	2.61E-03	8.70E-01	3.13E-01	7.79E-01	0.00E+00	0.00E+00	1.22E+00	1.89E-06	8.00E-04	7.16E-03	0.00E+00	-3.16E-02	2.41E-10	3.81E-09	2.66E-02	7.36E-01	6.76E-06	0.00E+00	1.53E+00	4.78E-01	5.42E+00	0.00E+00	4.93E-08	2.11E-08	1.87E-03	6.71E-06	3.41E-01	0.00E+00	5.42E+00	-5.28E-06	5.42E+00	5.67E+00	3.41E-01	0.00E+00	0.00E+00	0.00E+00	4.13E+01
VZ650N	4.10E-03	1.38E+00	3.18E-01	1.61E+00	0.00E+00	0.00E+00	2.12E+00	3.77E-06	1.05E-03	1.49E-02	0.00E+00	-3.16E-02	4.80E-10	5.97E-09	3.98E-02	1.15E+00	6.76E-06	0.00E+00	2.28E+00	4.78E-01	9.18E+00	0.00E+00	7.84E-08	3.54E-08	3.22E-03	6.74E-06	5.03E-01	0.00E+00	9.18E+00	-4.35E-06	9.18E+00	9.45E+00	5.03E-01	0.00E+00	0.00E+00	0.00E+00	7.44E+01
VZ651N	2.40E-03	8.06E-01	3.10E-01	7.21E-01	0.00E+00	0.00E+00	1.06E+00	1.80E-06	6.93E-04	6.27E-03	0.00E+00	-3.16E-02	2.23E-10	3.39E-09	2.33E-02	6.28E-01	6.76E-06	0.00E+00	1.24E+00	4.78E-01	4.48E+00	0.00E+00	3.86E-08	1.83E-08	1.77E-03	6.71E-06	2.74E-01	0.00E+00	4.48E+00	-5.30E-06	4.48E+00	4.84E+00	2.74E-01	0.00E+00	0.00E+00	0.00E+00	3.57E+01
VZ665N	3.21E-03	1.10E+00	1.64E-02	9.19E-01	0.00E+00	0.00E+00	1.71E+00	2.66E-06	8.69E-04	9.68E-03	0.00E+00	-8.81E-05	3.56E-10	4.66E-09	2.81E-02	9.75E-01	5.87E-07	0.00E+00	1.86E+00	1.91E-03	6.37E+00	0.00E+00	5.80E-08	2.74E-08	2.36E-03	7.58E-08	4.19E-01	0.00E+00	6.37E+00	1.88E-06	6.37E+00	6.87E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	5.97E+01
VZ683N	5.25E-04	1.53E-01	3.04E-01	1.43E-01	0.00E+00	0.00E+00	2.31E-01	4.10E-07	1.30E-04	1.42E-03	0.00E+00	-3.16E-02	4.71E-11	5.62E-10	5.78E-03	1.38E-01	6.80E-06	0.00E+00	2.82E-01	4.78E-01	1.19E+00	0.00E+00	1.04E-08	3.88E-09	3.98E-04	6.65E-06	6.53E-02	0.00E+00	1.19E+00	-6.14E-06	1.19E+00	1.21E+00	6.53E-02	0.00E+00	0.00E+00	0.00E+00	7.77E+00
VZ685N	2.52E-03	4.48E-01	3.10E-01	4.50E-01	0.00E+00	0.00E+00	1.20E+00	3.51E-06	4.16E-04	4.34E-03	0.00E+00	-3.21E-02	1.35E-10	3.38E-09	2.03E-02	6.90E-01	7.34E-06	0.00E+00	1.65E+00	4.84E-01	5.58E+00	0.00E+00	4.23E-08	2.15E-08	1.16E-03	6.70E-06	3.12E-01	0.00E+00	5.58E+00	-4.88E-06	5.58E+00	5.99E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.00E+01
VZ690N	4.62E-03	1.05E+00	3.17E-01	1.15E+00	0.00E+00	0.00E+00	2.28E+00	6.71E-06	9.22E-04	1.10E-02	0.00E+00	-3.17E-02	4.21E-10	6.95E-09	3.87E-02	1.19E+00	6.76E-06	0.00E+00	2.70E+00	4.80E-01	1.00E+01	0.00E+00	8.02E-08	3.56E-08	2.80E-03	6.73E-06	5.23E-01	0.00E+00	1.00E+01	-3.58E-06	1.00E+01	1.06E+01	5.23E-01	0.00E+00	0.00E+00	0.00E+00	8.78E+01
VZ691N	6.21E-04	2.25E-01	3.05E-01	1.91E-01	0.00E+00	0.00E+00	4.28E-01	6.65E-07	1.28E-04	1.43E-03	0.00E+00	-3.16E-02	1.19E-10	1.25E-09	1.47E-02	2.60E-01	6.76E-06	0.00E+00	5.78E-01	4.79E-01	2.75E+00	0.00E+00	2.04E-08	6.50E-09	4.22E-04	6.67E-06	1.26E-01	0.00E+00	2.75E+00	-5.95E-06	2.75E+00	2.75E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+01
VZ696N	3.13E-04	5.37E-02	1.15E-03	5.26E-02	0.00E+00	0.00E+00	2.29E-01	6.19E-07	4.61E-05	5.25E-04	0.00E+00	1.62E-20	3.72E-11	5.11E-10	2.35E-03	8.47E-02	0.00E+00	0.00E+00	2.24E-01	7.15E-06	6.41E-01	0.00E+00	5.08E-09	2.44E-09	1.50E-04	5.09E-09	4.13E-02	0.00E+00	6.41E-01	2.61E-07	6.41E-01	6.82E-01	4.13E-02	0.00E+00	0.00E+00	0.00E+00	7.98E+00
VZ704N	3.71E-04	4.13E-02	3.03E-01	4.73E-02	0.00E+00	0.00E+00	1.73E-01	3.96E-07	4.62E-05	5.27E-04	0.00E+00	-3.16E-02	2.16E-11	7.69E-10	1.93E-03	9.04E-02	7.41E-05	0.00E+00	2.33E-01	4.79E-01	7.74E-01	0.00E+00	6.46E-09	2.95E-09	1.70E-04	6.64E-06	4.34E-02	0.00E+00	7.74E-01	-5.32E-06	7.74E-01	8.14E-01	4.34E-02	0.00E+00	0.00E+00	0.00E+00	6.93E+00
VZ710	4.39E-04	5.34E-02	1.98E-03	7.59E-02	0.00E+00	0.00E+00	1.99E-01	5.50E-07	6.45E-05	5.57E-04	0.00E+00	-1.86E-03	3.73E-11	1.81E-09	4.00E-03	9.95E-02	3.87E-07	0.00E+00	2.53E-01	1.74E-02	9.15E-01	0.00E+00	7.95E-09	2.70E-09	1.79E-04	3.44E-07	5.15E-02	0.00E+00	9.15E-01	2.25E-09	9.15E-01	9.94E-01	5.15E-02	0.00E+00	0.00E+00	0.00E+00	7.96E+00
VZ717	4.51E-04	8.93E-02	5.57E-03	1.26E-01	0.00E+00	0.00E+00	2.55E-01	8.12E-07	7.25E-05	6.28E-04	0.00E+00	-1.57E-03	3.82E-11	3.73E-09	3.46E-03	9.90E-02	1.54E-05	0.00E+00	2.54E-01	1.32E-02	7.95E-01	0.00E+00	7.30E-09	2.92E-09	2.03E-04	4.92E-07	4.80E-02	0.00E+00	7.95E-01	1.57E-07	7.95E-01	8.94E-01	4.80E-02	0.00E+00	0.00E+00	0.00E+00	8.16E+00
VZ722	4.23E-04	1.43E-01	1.29E-03	1.09E-01	0.00E+00	0.00E+00	1.61E-01	4.82E-07	8.25E-05	1.02E-03	0.00E+00	-6.80E-05	2.09E-11	4.12E-10	2.04E-03	8.91E-02	2.88E-07	0.00E+00	2.44E-01	9.50E-04	7.38E-01	0.00E+00	6.01E-09	2.89E-09	2.89E-04	4.12E-09	3.89E-02	0.00E+00	7.38E-01	2.22E-07	7.38E-01	8.12E-01	3.89E-02	0.00E+00	0.00E+00	0.00E+00	7.24E+00
VZ723	4.21E-04	1.42E-01	1.94E-03	1.10E-01	0.00E+00	0.00E+00	1.64E-01	6.38E-07	8.78E-05	1.04E-03	0.00E+00	-1.50E-03	2.38E-11	2.71E-09	2.26E-03	7.96E-02	2.88E-07	0.00E+00	2.25E-01	5.16E-03	6.69E-01	0.00E+00	6.08E-09	2.58E-09	2.92E-04	1.49E-07	4.03E-02	0.00E+00	6.69E-01	3.67E-08	6.69E-01	7.17E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	6.65E+00
VZ724	4.57E-04	1.76E-01	1.46E-01	1.39E-01	0.00E+00	0.00E+00	1.79E-01	6.18E-07	9.80E-05	1.21E-03	0.00E+00	-2.58E-02	3.14E-11	2.87E-09	3.59E-03	1.04E-01	2.88E-07	0.00E+00	2.43E-01	3.05E-01	8.97E-01	0.00E+00	8.02E-09	3.21E-09	3.33E-04	2.62E-06	4.87E-02	0.00E+00	8.97E-01	-2.66E-07	8.97E-01	9.42E-01	4.87E-02	0.00E+00	0.00E+00	0.00E+00	6.60E+00
VZ728	4.27E-04	6.18E-02	1.99E-03	7.85E-02	0.00E+00	0.00E+00	2.16E-01	6.17E-07	8.83E-05	6.48E-04	0.00E+00	-9.10E-05	3.62E-11	2.79E-09	3.77E-03	1.19E-01	8.83E-05	0.00E+00	2.59E-01	1.09E-03	9.59E-01	0.00E+00	8.70E-09	3.24E-09	2.37E-04	8.66E-09	5.74E-02	0.00E+00	9.59E-01	8.91E-08	9.59E-01	1.03E+00	5.74E-02	0.00E+00	0.00E+00	0.00E+00	7.34E+00
VZ730	3.93E-04	1.05E-01	1.46E-01	1.06E-01	0.00E+00	0.00E+00	2.27E-01	7.71E-07	9.39E-05	7.78E-04	0.00E+00	-2.58E-02	4.06E-11	2.82E-09	4.89E-03	1.15E-01	3.19E-07	0.00E+00	2.66E-01	3.04E-01	9.65E-01	0.00E+00	8.91E-09	3.16E-09	2.37E-04	2.70E-06	5.68E-02	0.00E+00	9.65E-01	-3.38E-08	9.65E-01	1.05E+00	5.68E-02	0.00E+00	0.00E+00	0.00E+00	7.70E+00
VZ744	4.07E-04	1.24E-01	1.25E-03	8.30E-02	0.00E+00	0.00E+00	1.78E-01	7.03E-07	1.16E-04	1.16E-03	0.00E+00	-1.94E-04	2.13E-11	6.84E-10	2.51E-03	1.18E-01	1.37E-07	0.00E+00	2.51E-01	4.29E-03	8.58E-01	0.00E+00	6.52E-09	3.79E-09	2.94E-04	1.99E-08	4.20E-02	0.00E+00	8.58E-01	2.48E-07	8.58E-01	8.71E-01	4.20E-02	0.00E+00	0.00E+00	0.00E+00	1.05E+01
VZ758	4.34E-04	6.21E-02	1.45E-01	6.92E-02	0.00E+00	0.00E+00	2.04E-01	4.10E-07	6.28E-05	6.61E-04	0.00E+00	-2.70E-02	3.24E-11	8.09E-10	3.73E-03	1.17E-01	3.43E-07	0.00E+00	2.42E-01	3.10E-01	9.66E-01	0.00E+00	8.47E-09	3.52E-09	2.08E-04	2.73E-06	5.51E-02	0.00E+00	9.66E-01	-2.66E-07	9.66E-01	9.99E-01	5.51E-02	0.00E+00	0.00E+00	0.00E+00	7.56E+00
VZ761	6.26E-04	1.20E-01	3.36E-03	1.20E-01	0.00E+00	0.00E+00	4.28E-01	6.96E-07	1.03E-04	9.77E-04	0.00E+00	-5.34E-04	1.04E-10	1.98E-09	1.29E-02	2.49E-01	3.86E-06	0.00E+00	5.69E-01	8.79E-03	2.38E+00	0.00E+00	1.90E-08	6.14E-09	3.35E-04	2.66E-07	1.22E-01	0.00E+00	2.38E+00	5.75E-07	2.38E+00	2.48E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+01
VZ786N	1.04E-04	2.49E-02	3.86E-04	2.45E-02	0.00E+00	0.00E+00	5.18E-02	1.94E-07	2.12E-05	2.44E-04	0.00E+00	6.15E-21	8.11E-12	1.26E-10	9.12E-04	3.39E-02	0.00E+00	0.00E+00	7.43E-02	2.97E-06	2.76E-01	0.00E+00	2.23E-09	1.09E-09	6.99E-05	2.12E-09	1.44E-02	0.00E+00	2.76E-01	1.27E-07	2.76E-01	2.90E-01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	2.67E+00
VZ790N	3.60E-04	2.80E-02	1.47E-03	3.50E-02	0.00E+00	0.00E+00	1.28E-01	4.49E-07	5.22E-05	2.71E-04	0.00E+00	-1.57E-03	2.61E-11	7.38E-10	1.37E-03	6.36E-02	1.99E-07	0.00E+00	1.61E-01	6.40E-03	4.05E-01	0.00E+00	3.69E-09	1.73E-09	9.82E-05	2.81E-07	2.60E-02	0.00E+00	4.05E-01	-9.72E-09	4.05E-01	4.34E-01	2.60E-02	0.00E+00	0.00E+00	0.00E+00	5.40E+00
VZ793N	3.76E-04	1.13E-01	3.04E-01	1.35E-01	0.00E+00	0.00E+00	2.32E-01	5.05E-07	8.57E-05	7.54E-04	0.00E+00	-3.18E-02	7.93E-11	7.57E-10	4.03E-03	1.11E-01	1.68E-07	0.00E+00	2.50E-01	4.80E-01	9.72E-01	0.00E+00	8.62E-09	3.09E-09	2.23E-04	6.73E-06	5.44E-02	0.00E+00	9.72E-01	-5.11E-06	9.72E-01	1.04E+00	5.44E-02	0.00E+00	0.00E+00	0.00E+00	7.21E+00
VZ797N	4.32E-04	7.46E-02	3.03E-01	8.65E-02	0.00E+00	0.00E+00	2.33E-01	6.32E-07	9.31E-05	8.17E-04	0.00E+00	-3.16E-02	4.21E-11	2.78E-09	5.55E-03	1.37E-01	7.41E-05	0.00E+00	2.99E-01	4.79E-01	1.26E+00	0.00E+00	1.05E-08	3.57E-09	2.59E-04	6.65E-06	6.91E-02	0.00E+00	1.26E+00	-5.09E-06	1.26E+00	1.32E+00	6.91E-02	0.00E+00	0.00E+00	0.00E+00	8.09E+00
VZ816	2.77E-04	6.17E-02	3.35E-03	8.24E-02	0.00E+00	0.00E+00	1.24E-01	4.40E-07	9.57E-05	3.24E-04	0.00E+00	-1.63E-03	2.59E-11	8.93E-10	1.48E-03	6.58E-02	6.99E-04	0.00E+00	3.53E-01	6.73E-03	4.24E-01	0.00E+00	4.33E-09	1.83E-09	1.15E-04	1.79E-07	7.60E-02	0.00E+00	4.24E-01	8.35E-09	4.24E-01	4.89E-01	7.60E-02	0.00E+00	0.00E+00	0.00E+00	6.50E+00
VZ842N	3.48E-04	1.58E-01	9.32E-04	1.57E-01	0.00E+00	0.00E+00	8.14E-02	-3.05E-08	1.05E-04	1.25E-03	0.00E+00	2.09E-20	2.30E-11	2.51E-10	1.62E-03	6.38E-02	0.00E+00	0.00E+00	7.80E-02	1.01E-05	3.85E-01	0.00E+00	4.07E-09	2.07E-09	2.83E-04	7.18E-09	2.19E-02	0.00E+00	3.85E-01	4.35E-08	3.85E-01	4.07E-01	2.19E-02	0.00E+00	0.00E+00	0.00E+00	2.31E+00
VZ851N	4.33E-04	5.35E-02	1.46E-01	6.74E-02	0.00E+00	0.00E+00	1.91E-01	3.63E-07	6.29E-05	5.85E-04	0.00E+00	-2.69E-02	3.70E-11	8.67E-10	3.40E-03	9.84E-02	1.68E-07	0.00E+00	2.20E-01	3.05E-01	8.10E-01	0.00E+00	7.67E-09	2.74E-09	1.84E-04	2.78E-06	4.73E-02	0.00E+00	8.10E-01	-3.32E-07	8.10E-01	8.52E-01	4.73E-02	0.00E+00	0.00E+00	0.00E+00	6.71E+00
VZ852N	5.72E-04	1.34E-01	1.46E-01	2.00E-01	0.00E+00	0.00E+00	2.42E-01	5.55E-07	1.25E-04	1.34E-03	0.00E+00	-2.59E-02	9.10E-11	6.37E-10	5.43E-03	1.42E-01	1.31E-07	0.00E+00	2.78E-01	3.10E-01	1.15E+00	0.00E+00	1.06E-08	4.25E-09	3.40E-04	2.68E-06	6.35E-02	0.00E+00	1.15E+00	2.69E-08	1.15E+00	1.24E+00	6.35E-02	0.00E+00	0.00E+00	0.00E+00	7.81E+00
VZ855N	2.00E-03	6.69E-01	3.07E-01	6.78E-01	0.00E+00	0.00E+00	7.31E-01	9.15E-07	3.86E-04	5.88E-03	0.00E+00	-3.16E-02	1.40E-10	2.19E-09	1.79E-02	4.44E-01	7.10E-06	0.00E+00	8.22E-01	4.78E-01	3.49E+00	0.00E+00	2.76E-08	1.28E-08	1.29E-03	6.69E-06	1.92E-01	0.00E+00	3.49E+00	-5.77E-06	3.49E+00	3.71E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	2.31E+01
VZ857N	1.52E-03	4.10E-01	3.10E-01	3.60E-01	0.00E+00	0.00E+00	8.42E-01	1.61E-06	4.37E-04	4.11E-03	0.00E+00	-3.28E-02	1.25E-10	3.27E-09	1.74E-02	5.13E-01	7.27E-06	0.00E+00	1.11E+00	4.81E-01	3.90E+00	0.00E+00	3.26E-08	1.47E-08	1.05E-03	6.76E-06	2.34E-01	0.00E+00	3.90E+00	-5.79E-06	3.90E+00	4.20E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
VZ858N	2.27E-03	5.23E-01	3.07E-01	5.03E-01	0.00E+00	0.00E+00	8.48E-01	5.34E-06	3.28E-04	5.40E-03	0.00E+00	-3.17E-02	1.37E-10	2.23E-09	1.88E-02	4.63E-01	6.89E-06	0.00E+00	1.10E+00	4.79E-01	4.45E+00	0.00E+00	3.01E-08	1.51E-08	1.20E-03	6.68E-06	2.04E-01	0.00E+00	4.45E+00	-4.09E-06	4.45E+00	4.63E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	4.54E+01
VZ860N	2.47E-03	6.99E-01	3.10E-01	6.21E-01	0.00E+00	0.00E+00	1.11E+00	1.15E-06	6.32E-04	5.93E-03	0.00E+00	-3.19E-02	2.26E-10	3.16E-09	1.97E-02	5.73E-01	6.76E-06	0.00E+00	1.12E+00	4.82E-01	3.96E+00	0.00E+00	3.72E-08	1.57E-08	1.66E-03	6.90E-06	2.81E-01	0.00E+00	3.96E+00	-5.57E-06	3.96E+00	4.21E+00	2.81E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+01
VZ861N	1.64E-03	5.64E-01	5.12E-03	5.59E-01	0.00E+00	0.00E+00	5.47E-01	6.19E-07	4.05E-04	4.79E-03	0.00E+00	1.02E-19	1.20E-10	1.46E-09	1.34E-02	3.69E-01	0.00E+00	0.00E+00	6.58E-01	4.91E-05	2.76E+00	0.00E+00	2.55E-08	1.11E-08	1.14E-03	3.50E-08	1.53E-01	0.00E+00	2.76E+00	6.23E-07	2.76E+00	2.92E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	1.78E+01
VZ909N	3.01E-04	5.35E-02	8.39E-04	5.17E-02	0.00E+00	0.00E+00	1.55E-01	6.70E-07	4.98E-05	5.55E-04	0.00E+00	-6.99E-05	1.97E-11	3.66E-10	2.53E-03	9.32E-02	1.37E-07	0.00E+00	2.21E-01	1.73E-03	7.92E-01	0.00E+00	5.76E-09	3.15E-09	1.74E-04	3.54E-08	3.96E-02	0.00E+00	7.92E-01	4.22E-07	7.92E-01	8.35E-01	3.96E-02	0.00E+00	0.00E+00	0.00E+00	8.50E+00
VZ910N	2.59E-04	4.69E-02	8.26E-04	4.60E-02	0.00E+00	0.00E+00	1.37E-01	5.92E-07	4.54E-05	5.15E-04	0.00E+00	1.24E-20	1.79E-11	3.19E-10	2.29E-03	8.34E-02	0.00E+00	0.00E+00	2.02E-01	5.99E-06	7.32E-01	0.00E+00	5.77E-09	2.81E-09	1.60E-04	4.27E-09	3.72E-02	0.00E+00	7.32E-01	3.70E-07	7.32E-01	7.69E-01	3.72E-02	0.00E+00	0.00E+00	0.00E+00	7.35E+00
VZ912N	3.23E-04	5.84E-02	1.03E-03	5.74E-02	0.00E+00	0.00E+00	1.70E-01	7.38E-07	5.66E-05	6.41E-04	0.00E+00	1.55E-20	2.23E-11	3.97E-10	2.85E-03	1.04E-01	0.00E+00	0.00E+00	2.51E-01	7.47E-06	9.12E-01	0.00E+00	7.19E-09	3.51E-09	1.99E-04	5.32E-09	4.63E-02	0.00E+00	9.12E-01	4.62E-07	9.12E-01	9.58E-01	4.63E-02	0.00E+00	0.00E+00	0.00E+00	9.16E+00
VZ914N	3.87E-04	6.99E-02	1.23E-03	6.87E-02	0.00E+00	0.00E+00	2.04E-01	8.84E-07	6.77E-05	7.68E-04	0.00E+00	1.85E-20	2.67E-11	4.76E-10	3.42E-03	1.24E-01	0.00E+00	0.00E+00	3.01E-01	8.95E-06	1.09E+00	0.00E+00	8.61E-09	4.20E-09	2.38E-04	6.37E-09	5.55E-02	0.00E+00	1.09E+00	5.53E-07	1.09E+00	1.15E+00	5.55E-02	0.00E+00	0.00E+00	0.00E+00	1.10E+01
VZ916N	3.75E-04	6.79E-02	1.20E-03	6.67E-02	0.00E+00	0.00E+00	1.98E-01	8.58E-07	6.57E-05	7.46E-04	0.00E+00	1.80E-20	2.59E-11	4.62E-10	3.32E-03	1.21E-01	0.00E+00	0.00E+00	2.92E-01	8.68E-06	1.06E+00	0.00E+00	8.35E-09	4.08E-09	2.31E-04	6.18E-09	5.39E-02	0.00E+00	1.06E+00	5.37E-07	1.06E+00	1.11E+00	5.39E-02	0.00E+00	0.00E+00	0.00E+00	1.07E+01
VZ917N	5.52E-04	9.03E-02	1.26E-03	8.87E-02	0.00E+00	0.00E+00	2.73E-01	1.58E-06	8.63E-05	1.10E-03	0.00E+00	-1.19E-05	3.33E-11	6.60E-10	4.60E-03	1.65E-01	1.68E-07	0.00E+00	4.55E-01	2.50E-04	1.55E+00	0.00E+00	1.08E-08	5.77E-09	3.14E-04	8.16E-09	7.30E-02	0.00E+00	1.55E+00	9.21E-07	1.55E+00	1.65E+00	7.30E-02	0.00E+00	0.00E+00	0.00E+00	1.90E+01
VZ918N	5.30E-04	9.58E-02	1.69E-03	9.41E-02	0.00E+00	0.00E+00	2.79E-01	1.21E-06	9.28E-05	1.05E-03	0.00E+00	2.54E-20	3.65E-11	6.52E-10	4.68E-03	1.70E-01	0.00E+00	0.00E+00	4.12E-01	1.23E-05	1.50E+00	0.00E+00	1.18E-08	5.75E-09	3.27E-04	8.73E-09	7.60E-02	0.00E+00	1.50E+00	7.57E-07	1.50E+00	1.57E+00	7.60E-02	0.00E+00	0.00E+00	0.00E+00	1.50E+01
VZ920N	7.52E-04	1.36E-01	2.40E-03	1.34E-01	0.00E+00	0.00E+00	3.96E-01	1.72E-06	1.32E-04	1.49E-03	0.00E+00	3.60E-20	5.18E-11	9.26E-10	6.65E-03	2.42E-01	0.00E+00	0.00E+00	5.85E-01	1.74E-05	2.12E+00	0.00E+00	1.67E-08	8.17E-09	4.64E-04	1.24E-08	1.08E-01	0.00E+00	2.12E+00	1.08E-06	2.12E+00	2.23E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
VZ921N	8.03E-04	1.24E-01	3.26E-03	1.24E-01	0.00E+00	0.00E+00	4.99E-01	3.36E-06	1.22E-04	1.33E-03	0.00E+00	-1.28E-04	1.00E-10	1.17E-09	1.47E-02	2.91E-01	5.30E-09	0.00E+00	7.32E-01	2.38E-03	3.12E+00	0.00E+00	2.24E-08	8.16E-09	4.21E-04	3.25E-08	1.42E-01	0.00E+00	3.12E+00	1.80E-06	3.12E+00	3.26E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.26E+01
VZ922N	7.74E-04	1.71E-01	3.78E-03	1.67E-01	0.00E+00	0.00E+00	4.15E-01	9.82E-07	1.68E-04	1.92E-03	0.00E+00	6.81E-20	8.13E-11	1.01E-09	1.45E-02	2.98E-01	0.00E+00	0.00E+00	6.68E-01	3.29E-05	2.74E+00	0.00E+00	2.29E-08	8.37E-09	5.39E-04	2.34E-08	1.42E-01	0.00E+00	2.74E+00	8.37E-07	2.74E+00	2.88E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	1.64E+01
VZ923N	5.51E-04	8.31E-02	1.44E-03	6.83E-02	0.00E+00	0.00E+00	2.47E-01	3.33E-06	1.17E-04	8.11E-04	0.00E+00	-1.28E-03	3.09E-11	9.59E-10	3.07E-03	1.52E-01	3.12E-07	0.00E+00	4.49E-01	4.39E-03	1.40E+00	0.00E+00	8.18E-09	5.59E-09	2.58E-04	8.68E-08	6.10E-02	0.00E+00	1.40E+00	1.59E-06	1.40E+00	1.48E+00	6.10E-02	0.00E+00	0.00E+00	0.00E+00	2.06E+01
VZ924N	8.31E-04	1.84E-01	4.06E-03	1.80E-01	0.00E+00	0.00E+00	4.46E-01	1.05E-06	1.80E-04	2.06E-03	0.00E+00	7.31E-20	8.73E-11	1.08E-09	1.56E-02	3.20E-01	0.00E+00	0.00E+00	7.17E-01	3.53E-05	2.94E+00	0.00E+00	2.46E-08	8.99E-09	5.79E-04	2.52E-08	1.52E-01	0.00E+00	2.94E+00	8.98E-07	2.94E+00	3.09E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	1.76E+01
VZ926N	8.85E-04	1.94E-02	1.34E-03	1.81E-02	0.00E+00	0.00E+00	2.20E-01	3.69E-07	3.84E-04	2.22E-04	0.00E+00	6.77E-21	4.24E-11	4.49E-09	1.26E-03	9.57E-02	0.00E+00	0.00E+00	2.06E-01	3.29E-06	2.98E-01	0.00E+00	2.62E-09	1.50E-09	8.65E-05	2.34E-09	3.71E-02	0.00E+00	2.98E-01	2.00E-08	2.98E-01	3.35E-01	3.71E-02	0.00E+00	0.00E+00	0.00E+00	7.71E+00
VZ932N	3.89E-04	6.81E-02	1.56E-02	6.68E-02	0.00E+00	0.00E+00	1.31E-01	5.25E-07	8.70E-05	2.68E-04	0.00E+00	-2.99E-03	2.61E-11	8.61E-10	1.42E-03	6.38E-02	3.47E-07	0.00E+00	1.68E-01	3.03E-02	3.88E-01	0.00E+00	3.58E-09	1.74E-09	9.58E-05	6.94E-07	2.75E-02	0.00E+00	3.88E-01	-2.81E-08	3.88E-01	4.25E-01	2.75E-02	0.00E+00	0.00E+00	0.00E+00	5.90E+00
VZ950	2.84E-04	8.84E-02	2.92E-03	1.14E-01	0.00E+00	0.00E+00	1.94E-01	5.21E-07	4.74E-05	6.06E-04	0.00E+00	-1.27E-03	2.56E-11	5.67E-10	2.92E-03	8.99E-02	1.05E-06	0.00E+00	2.33E-01	1.11E-02	7.59E-01	0.00E+00	6.57E-09	2.62E-09	1.75E-04	3.52E-07	4.37E-02	0.00E+00	7.59E-01	2.32E-07	7.59E-01	8.49E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	7.25E+00
VZ951	3.10E-04	7.95E-02	3.58E-03	1.22E-01	0.00E+00	0.00E+00	1.99E-01	4.14E-07	8.36E-05	6.28E-04	0.00E+00	-6.47E-04	3.53E-11	7.92E-10	3.54E-03	9.62E-02	4.79E-05	0.00E+00	2.26E-01	4.24E-03	8.07E-01	0.00E+00	7.53E-09	2.76E-09	1.98E-04	1.69E-07	4.74E-02	0.00E+00	8.07E-01	2.52E-08	8.07E-01	9.01E-01	4.74E-02	0.00E+00	0.00E+00	0.00E+00	6.26E+00
FL204B	2.90E-03	2.90E+00	1.63E+00	1.27E+00	0.00E+00	0.00E+00	4.37E+00	8.66E-06	1.21E-03	9.82E-03	0.00E+00	-2.00E-01	1.54E-09	2.09E-08	2.93E-02	8.40E-01	4.67E-04	0.00E+00	3.32E+00	2.65E+00	5.19E+00	0.00E+00	4.04E-08	1.62E-08	2.27E-03	6.45E-05	3.00E-01	0.00E+00	5.19E+00	-2.19E-05	5.19E+00	5.49E+00	3.00E-01	0.00E+00	0.00E+00	0.00E+00	1.22E+02
FL209B	3.42E-03	4.06E+00	2.33E+00	1.74E+00	0.00E+00	0.00E+00	5.20E+00	9.57E-06	1.50E-03	1.32E-02	0.00E+00	-2.86E-01	1.43E-09	2.57E-08	3.58E-02	9.40E-01	4.67E-04	0.00E+00	3.30E+00	3.78E+00	5.92E+00	0.00E+00	4.78E-08	1.70E-08	2.97E-03	9.19E-05	2.33E-01	0.00E+00	5.92E+00	-3.19E-05	5.92E+00	6.15E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
FL213B	3.95E-03	4.73E+00	2.73E+00	2.00E+00	0.00E+00	0.00E+00	5.59E+00	1.12E-05	1.66E-03	1.52E-02	0.00E+00	-3.36E-01	2.00E-09	2.88E-08	3.90E-02	1.06E+00	4.67E-04	0.00E+00	4.53E+00	4.44E+00	6.67E+00	0.00E+00	5.23E-08	2.03E-08	3.42E-03	1.08E-04	3.07E-01	0.00E+00	6.67E+00	-3.71E-05	6.67E+00	6.97E+00	3.07E-01	0.00E+00	0.00E+00	0.00E+00	1.70E+02
FL216B	4.29E-03	5.73E+00	3.36E+00	2.37E+00	0.00E+00	0.00E+00	5.69E+00	1.12E-05	1.88E-03	1.77E-02	0.00E+00	-4.14E-01	2.02E-09	3.19E-08	4.14E-02	1.06E+00	4.67E-04	0.00E+00	4.54E+00	5.47E+00	6.76E+00	0.00E+00	5.39E-08	1.98E-08	3.94E-03	1.33E-04	2.15E-01	0.00E+00	6.76E+00	-4.61E-05	6.76E+00	6.97E+00	2.15E-01	0.00E+00	0.00E+00	0.00E+00	1.70E+02
FL221B	5.21E-03	7.53E+00	4.45E+00	3.08E+00	0.00E+00	0.00E+00	6.92E+00	1.33E-05	2.31E-03	2.29E-02	0.00E+00	-5.48E-01	2.23E-09	3.95E-08	5.10E-02	1.25E+00	4.67E-04	0.00E+00	5.24E+00	7.24E+00	8.05E+00	0.00E+00	6.51E-08	2.25E-08	5.03E-03	1.76E-04	1.75E-01	0.00E+00	8.05E+00	-6.14E-05	8.05E+00	8.22E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	1.95E+02
FL229B	7.32E-03	1.29E+01	7.81E+00	5.13E+00	0.00E+00	0.00E+00	8.36E+00	1.51E-05	3.52E-03	3.72E-02	0.00E+00	-9.66E-01	2.47E-09	5.81E-08	6.84E-02	1.41E+00	4.67E-04	0.00E+00	5.86E+00	1.27E+01	9.49E+00	0.00E+00	8.08E-08	2.25E-08	7.98E-03	3.09E-04	-2.17E-01	0.00E+00	9.49E+00	-1.10E-04	9.49E+00	9.27E+00	-2.17E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+02
FL263B	3.97E-03	5.63E+00	3.31E+00	2.32E+00	0.00E+00	0.00E+00	5.41E+00	9.61E-06	1.84E-03	1.73E-02	0.00E+00	-4.08E-01	1.82E-09	3.06E-08	4.00E-02	9.40E-01	7.40E-04	0.00E+00	3.31E+00	5.39E+00	6.09E+00	0.00E+00	5.03E-08	1.61E-08	3.80E-03	1.31E-04	9.29E-02	0.00E+00	6.09E+00	-4.61E-05	6.09E+00	6.18E+00	9.29E-02	0.00E+00	0.00E+00	0.00E+00	1.17E+02
FL266B	4.33E-03	6.69E+00	3.98E+00	2.72E+00	0.00E+00	0.00E+00	5.52E+00	9.61E-06	2.07E-03	2.00E-02	0.00E+00	-4.91E-01	1.84E-09	3.39E-08	4.24E-02	9.40E-01	7.40E-04	0.00E+00	3.31E+00	6.48E+00	6.18E+00	0.00E+00	5.20E-08	1.55E-08	4.35E-03	1.58E-04	-4.56E-03	0.00E+00	6.18E+00	-5.57E-05	6.18E+00	6.18E+00	-4.56E-03	0.00E+00	0.00E+00	0.00E+00	1.17E+02
FL271B	6.00E-03	9.81E+00	5.88E+00	3.93E+00	0.00E+00	0.00E+00	7.20E+00	1.33E-05	2.81E-03	2.88E-02	0.00E+00	-7.27E-01	2.63E-09	4.67E-08	5.69E-02	1.25E+00	7.40E-04	0.00E+00	5.25E+00	9.59E+00	8.28E+00	0.00E+00	6.88E-08	2.12E-08	6.23E-03	2.33E-04	-3.15E-02	0.00E+00	8.28E+00	-8.21E-05	8.28E+00	8.25E+00	-3.15E-02	0.00E+00	0.00E+00	0.00E+00	1.95E+02
FL279B	8.51E-03	1.64E+01	9.97E+00	6.40E+00	0.00E+00	0.00E+00	8.76E+00	1.51E-05	4.26E-03	4.61E-02	0.00E+00	-1.23E+00	2.90E-09	6.88E-08	7.70E-02	1.41E+00	7.40E-04	0.00E+00	5.87E+00	1.63E+01	9.83E+00	0.00E+00	8.62E-08	2.06E-08	9.78E-03	3.95E-04	-5.29E-01	0.00E+00	9.83E+00	-1.41E-04	9.83E+00	9.30E+00	-5.29E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+02
FL302BA	5.05E-03	1.36E+01	8.48E+00	5.10E+00	0.00E+00	0.00E+00	2.75E+00	2.70E-06	2.99E-03	3.56E-02	0.00E+00	-1.05E+00	4.22E-10	4.50E-08	3.91E-02	2.44E-01	0.00E+00	0.00E+00	9.71E-01	1.39E+01	2.68E+00	0.00E+00	3.24E-08	-2.96E-09	7.28E-03	3.36E-04	-1.09E+00	0.00E+00	2.68E+00	-1.22E-04	2.68E+00	1.59E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	3.47E+01
FL306BA	3.91E-03	1.24E+01	7.74E+00	4.66E+00	0.00E+00	0.00E+00	2.63E+00	2.70E-06	2.73E-03	3.26E-02	0.00E+00	-9.60E-01	4.01E-10	4.13E-08	3.63E-02	2.44E-01	0.00E+00	0.00E+00	9.66E-01	1.27E+01	2.58E+00	0.00E+00	3.06E-08	-2.28E-09	6.67E-03	3.07E-04	-9.80E-01	0.00E+00	2.58E+00	-1.11E-04	2.58E+00	1.60E+00	-9.80E-01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
FL307BA	6.10E-03	1.67E+01	1.04E+01	6.25E+00	0.00E+00	0.00E+00	3.07E+00	2.68E-06	3.65E-03	4.36E-02	0.00E+00	-1.29E+00	4.79E-10	5.46E-08	4.64E-02	2.44E-01	0.00E+00	0.00E+00	9.84E-01	1.70E+01	2.95E+00	0.00E+00	3.73E-08	-4.75E-09	8.89E-03	4.13E-04	-1.37E+00	0.00E+00	2.95E+00	-1.49E-04	2.95E+00	1.58E+00	-1.37E+00	0.00E+00	0.00E+00	0.00E+00	3.52E+01
FL321BA	2.47E-02	1.34E+01	6.47E+00	6.96E+00	0.00E+00	0.00E+00	5.12E+01	1.01E-04	5.17E-03	5.89E-02	0.00E+00	-7.82E-01	8.45E-09	1.38E-07	2.90E-01	8.93E+00	0.00E+00	0.00E+00	3.36E+01	1.03E+01	5.56E+01	0.00E+00	4.20E-07	1.72E-07	1.45E-02	2.50E-04	4.78E+00	0.00E+00	5.56E+01	-7.81E-05	5.56E+01	6.04E+01	4.78E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+03

	FL322BA	2.06E-02	1.73E+01	8.91E+00	8.41E+00	0.00E+00	0.00E+00	5.16E+01	1.01E-04	6.01E-03	6.89E-02	0.00E+00	-1.09E+00	8.52E-09	1.51E-07	2.99E-01	8.93E+00	0.00E+00	0.00E+00	3.36E+01	1.43E+01	5.59E+01	0.00E+00	4.26E-07	1.70E-07	1.65E-02	3.48E-04	4.42E+00	0.00E+00	5.59E+01	-1.13E-04	5.59E+01	6.04E+01	4.42E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+03
	FL342BA	2.77E-02	2.05E+01	1.08E+01	9.68E+00	0.00E+00	0.00E+00	5.44E+01	1.06E-04	6.81E-03	7.83E-02	0.00E+00	-1.32E+00	8.97E-09	1.65E-07	3.19E-01	9.38E+00	0.00E+00	0.00E+00	3.53E+01	1.74E+01	5.90E+01	0.00E+00	4.52E-07	1.77E-07	1.85E-02	4.22E-04	4.44E+00	0.00E+00	5.90E+01	-1.40E-04	5.90E+01	6.34E+01	4.44E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+03
	FL354BA	3.51E-02	2.97E+01	1.61E+01	1.36E+01	0.00E+00	0.00E+00	6.70E+01	1.29E-04	9.32E-03	1.08E-01	0.00E+00	-1.98E+00	1.11E-08	2.17E-07	4.01E-01	1.15E+01	0.00E+00	0.00E+00	4.31E+01	2.61E+01	7.24E+01	0.00E+00	5.59E-07	2.14E-07	2.51E-02	6.32E-04	4.98E+00	0.00E+00	7.24E+01	-2.13E-04	7.24E+01	7.74E+01	4.98E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+03
	FL356BA	2.83E-02	2.78E+01	1.49E+01	1.29E+01	0.00E+00	0.00E+00	6.68E+01	1.29E-04	8.91E-03	1.03E-01	0.00E+00	-1.83E+00	1.10E-08	2.11E-07	3.97E-01	1.15E+01	0.00E+00	0.00E+00	4.31E+01	2.41E+01	7.23E+01	0.00E+00	5.56E-07	2.15E-07	2.41E-02	5.85E-04	5.16E+00	0.00E+00	7.23E+01	-1.96E-04	7.23E+01	7.74E+01	5.16E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+03
	FL358BA	2.98E-02	3.21E+01	1.76E+01	1.44E+01	0.00E+00	0.00E+00	6.72E+01	1.29E-04	9.83E-03	1.14E-01	0.00E+00	-2.16E+00	1.11E-08	2.24E-07	4.07E-01	1.15E+01	0.00E+00	0.00E+00	4.32E+01	2.85E+01	7.26E+01	0.00E+00	5.63E-07	2.13E-07	2.63E-02	6.91E-04	4.77E+00	0.00E+00	7.26E+01	-2.34E-04	7.26E+01	7.74E+01	4.77E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+03
	FL380B	6.90E-03	3.86E+00	1.81E+00	2.05E+00	0.00E+00	0.00E+00	7.83E+00	1.93E-05	2.16E-03	1.76E-02	0.00E+00	-2.21E-01	3.43E-09	3.30E-08	8.99E-02	2.79E+00	4.67E-04	0.00E+00	8.94E+00	2.91E+00	1.53E+01	0.00E+00	1.13E-07	5.62E-08	4.53E-03	7.10E-05	1.11E+00	0.00E+00	1.53E+01	-1.97E-05	1.53E+01	1.65E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+02
	FL381B	9.60E-03	5.40E+00	2.54E+00	2.86E+00	0.00E+00	0.00E+00	1.03E+01	2.33E-05	3.12E-03	2.50E-02	0.00E+00	-3.10E-01	2.25E-09	4.39E-08	1.32E-01	3.87E+00	4.67E-04	0.00E+00	8.37E+00	4.09E+00	2.24E+01	0.00E+00	1.71E-07	7.68E-08	6.50E-03	9.96E-05	1.18E+00	0.00E+00	2.24E+01	-2.83E-05	2.24E+01	2.35E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+02
	FL382B	1.03E-02	6.95E+00	3.49E+00	3.46E+00	0.00E+00	0.00E+00	1.11E+01	2.46E-05	3.48E-03	2.93E-02	0.00E+00	-4.28E-01	2.39E-09	5.00E-08	1.39E-01	3.99E+00	4.67E-04	0.00E+00	8.81E+00	5.64E+00	2.32E+01	0.00E+00	1.79E-07	7.82E-08	7.40E-03	1.37E-04	1.11E+00	0.00E+00	2.32E+01	-4.17E-05	2.32E+01	2.43E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+02
	FL386B	1.56E-02	8.04E+00	3.65E+00	4.39E+00	0.00E+00	0.00E+00	2.44E+01	5.12E-05	5.06E-03	3.87E-02	0.00E+00	-4.41E-01	4.59E-09	8.72E-08	2.10E-01	6.47E+00	4.67E-04	0.00E+00	1.78E+01	5.82E+00	3.78E+01	0.00E+00	2.88E-07	1.27E-07	1.00E-02	1.42E-04	2.64E+00	0.00E+00	3.78E+01	-4.01E-05	3.78E+01	4.05E+01	2.64E+00	0.00E+00	0.00E+00	0.00E+00	6.35E+02
	FL387B	1.66E-02	1.06E+01	5.20E+00	5.40E+00	0.00E+00	0.00E+00	2.52E+01	5.18E-05	5.66E-03	4.58E-02	0.00E+00	-6.33E-01	4.73E-09	9.61E-08	2.18E-01	6.54E+00	4.67E-04	0.00E+00	1.81E+01	8.36E+00	3.83E+01	0.00E+00	2.94E-07	1.26E-07	1.15E-02	2.03E-04	2.46E+00	0.00E+00	3.83E+01	-6.25E-05	3.83E+01	4.07E+01	2.46E+00	0.00E+00	0.00E+00	0.00E+00	6.44E+02
	FL402B	1.14E-02	1.01E+01	5.44E+00	4.61E+00	0.00E+00	0.00E+00	1.14E+01	2.46E-05	4.15E-03	3.73E-02	0.00E+00	-6.69E-01	2.44E-09	5.96E-08	1.47E-01	3.99E+00	4.67E-04	0.00E+00	8.82E+00	8.83E+00	2.35E+01	0.00E+00	1.84E-07	7.64E-08	9.02E-03	2.15E-04	8.29E-01	0.00E+00	2.35E+01	-6.98E-05	2.35E+01	2.43E+01	8.29E-01	0.00E+00	0.00E+00	0.00E+00	3.16E+02
	FL406B	1.21E-02	1.05E+01	5.74E+00	4.79E+00	0.00E+00	0.00E+00	1.15E+01	2.45E-05	4.67E-03	3.86E-02	0.00E+00	-7.07E-01	2.43E-09	6.57E-08	1.48E-01	4.05E+00	4.67E-04	0.00E+00	8.90E+00	9.32E+00	2.36E+01	0.00E+00	1.86E-07	7.69E-08	9.32E-03	2.26E-04	7.99E-01	0.00E+00	2.36E+01	-7.41E-05	2.36E+01	2.44E+01	7.99E-01	0.00E+00	0.00E+00	0.00E+00	3.19E+02
	FL407B	1.35E-02	1.40E+01	7.87E+00	6.09E+00	0.00E+00	0.00E+00	1.25E+01	2.58E-05	5.43E-03	4.77E-02	0.00E+00	-9.70E-01	2.60E-09	7.76E-08	1.59E-01	4.17E+00	4.67E-04	0.00E+00	9.35E+00	1.28E+01	2.46E+01	0.00E+00	1.96E-07	7.73E-08	1.12E-02	3.11E-04	5.62E-01	0.00E+00	2.46E+01	-1.04E-04	2.46E+01	2.52E+01	5.62E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+02
Module D	GD213A	-2.50E-02	-1.38E+00	-4.98E-02	-1.33E+00	0.00E+00	0.00E+00	-5.78E+00	-1.43E-03	-1.22E-03	-1.49E-02	0.00E+00	-1.91E-04	-5.53E-09	-1.66E-07	-8.18E-02	-3.56E+01	0.00E+00	0.00E+00	-5.49E+00	-8.84E-02	-1.65E+01	0.00E+00	-3.38E-08	-8.34E-08	-5.15E-03	-7.29E-05	-5.57E+00	0.00E+00	-1.65E+01	-4.04E-05	-1.65E+01	-2.21E+01	-5.57E+00	0.00E+00	0.00E+00	0.00E+00	-2.36E+02
	B04000	-1.44E-03	-3.73E-01	-6.72E-03	-3.66E-01	0.00E+00	0.00E+00	-3.54E+00	-1.88E-05	-2.47E-04	-2.67E-03	0.00E+00	-2.80E-04	-5.65E-10	-3.44E-09	-5.90E-02	-4.36E+00	0.00E+00	0.00E+00	-3.96E-01	-1.00E-01	-7.13E+00	0.00E+00	-3.58E-09	-1.14E-08	-8.95E-04	-6.59E-05	-7.91E-01	0.00E+00	-7.13E+00	-9.89E-07	-7.13E+00	-7.92E+00	-7.91E-01	0.00E+00	0.00E+00	0.00E+00	-2.11E+01
	B04021	-2.10E-03	-4.64E-01	-9.44E-03	-8.46E-01	0.00E+00	0.00E+00	-9.22E-01	-1.49E-04	-1.67E-04	-2.72E-03	0.00E+00	-8.26E-05	-2.13E-09	-1.35E-08	-2.38E-03	-2.20E+01	0.00E+00	0.00E+00	1.36E-01	-3.17E-02	-2.76E+00	0.00E+00	4.88E-08	-1.57E-08	-1.20E-03	-3.14E-05	-3.58E+00	0.00E+00	-2.76E+00	-6.28E-06	-2.76E+00	-8.51E+00	-3.58E+00	0.00E+00	0.00E+00	0.00E+00	-1.99E+01
	B04085	-4.54E-03	-2.03E+00	-3.75E-02	-1.99E+00	0.00E+00	0.00E+00	-2.25E+01	-8.46E-05	-1.21E-03	-1.27E-02	0.00E+00	-1.89E-03	-2.63E-09	-1.71E-08	-3.79E-01	-2.86E+01	0.00E+00	0.00E+00	-3.27E-01	-6.77E-01	-4.12E+01	0.00E+00	2.70E-08	-4.49E-08	-4.21E-03	-4.46E-04	-4.97E+00	0.00E+00	-4.12E+01	-1.69E-06	-4.12E+01	-4.62E+01	-4.97E+00	0.00E+00	0.00E+00	0.00E+00	-5.29E+01
	B04086	-9.58E-03	-2.96E+00	-4.30E-02	-2.91E+00	0.00E+00	0.00E+00	-2.20E+01	-1.19E-04	-1.66E-03	-1.82E-02	0.00E+00	-1.72E-03	-3.66E-09	-2.27E-08	-3.67E-01	-7.15E+01	0.00E+00	0.00E+00	-2.82E+00	-6.15E-01	-4.50E+01	0.00E+00	-3.14E-08	-9.47E-08	-5.98E-03	-4.05E-04	-1.14E+01	0.00E+00	-4.50E+01	-6.15E-06	-4.50E+01	-5.64E+01	-1.14E+01	0.00E+00	0.00E+00	0.00E+00	-1.43E+02
	B04089	3.01E-03	-2.86E-01	2.46E-02	-3.11E-01	0.00E+00	0.00E+00	1.57E+00	-1.54E-04	7.31E-04	7.79E-03	0.00E+00	6.06E-19	-3.97E-09	-9.44E-09	1.03E-01	-8.22E+01	0.00E+00	0.00E+00	1.74E+00	2.32E-18	1.58E+01	0.00E+00	1.60E-07	-1.29E-08	1.34E-03	0.00E+00	-1.14E+01	0.00E+00	1.58E+01	-1.13E-06	1.58E+01	4.39E+00	-1.14E+01	0.00E+00	0.00E+00	0.00E+00	-1.15E+01
	B04090	3.15E-03	-8.05E-01	3.03E-02	-8.35E-01	0.00E+00	0.00E+00	1.61E+00	-2.31E-04	7.99E-04	8.28E-03	0.00E+00	7.89E-19	-6.05E-09	-1.59E-08	1.31E-01	-1.30E+02	0.00E+00	0.00E+00	1.51E+00	3.02E-18	1.91E+01	0.00E+00	1.99E-07	-3.67E-08	1.07E-03	0.00E+00	-1.83E+01	0.00E+00	1.91E+01	-3.04E-06	1.91E+01	7.73E-01	-1.83E+01	0.00E+00	0.00E+00	0.00E+00	-4.51E+01
	B04911	2.65E-04	-7.96E-02	-6.52E-03	-7.13E-02	0.00E+00	0.00E+00	-5.53E-01	-5.72E-06	5.58E-05	-1.15E-05	0.00E+00	-3.68E-05	-3.70E-11	-3.05E-09	-1.58E-02	-8.88E-01	0.00E+00	0.00E+00	1.73E-02	-1.68E-02	-2.49E+00	0.00E+00	1.02E-08	-6.97E-09	-1.69E-04	-1.29E-05	-1.26E-01	0.00E+00	-2.49E+00	-2.99E-07	-2.49E+00	-3.23E+00	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
	B04912	3.43E-04	-7.96E-02	-6.52E-03	-7.44E-02	0.00E+00	0.00E+00	-5.53E-01	-5.59E-06	5.58E-05	-4.55E-05	0.00E+00	-3.90E-05	-1.90E-11	-3.05E-09	-1.59E-02	-6.14E-01	0.00E+00	0.00E+00	1.73E-02	-1.72E-02	-2.49E+00	0.00E+00	1.04E-08	-6.97E-09	-1.72E-04	-1.42E-05	-9.85E-02	0.00E+00	-2.49E+00	-3.35E-07	-2.49E+00	-3.20E+00	-9.85E-02	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
	B04917	-1.16E-04	-4.43E-02	-3.16E-03	-4.11E-02	0.00E+00	0.00E+00	-7.08E-02	-2.96E-07	-1.62E-05	-1.92E-04	0.00E+00	-9.54E-06	-7.36E-12	-1.29E-10	-5.10E-03	-1.33E+00	0.00E+00	0.00E+00	-7.55E-02	-4.41E-03	-7.65E-01	0.00E+00	-1.66E-09	-1.28E-09	-5.75E-05	-3.63E-06	-2.16E-01	0.00E+00	-7.65E-01	-3.51E-09	-7.65E-01	-9.81E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+00
	B04918	-1.56E-04	-5.93E-02	-4.23E-03	-5.50E-02	0.00E+00	0.00E+00	-9.47E-02	-3.96E-07	-2.16E-05	-2.57E-04	0.00E+00	-1.28E-05	-9.85E-12	-1.73E-10	-6.83E-03	-1.78E+00	0.00E+00	0.00E+00	-1.01E-01	-5.90E-03	-1.02E+00	0.00E+00	-2.22E-09	-1.72E-09	-7.70E-05	-4.86E-06	-2.89E-01	0.00E+00	-1.02E+00	-4.70E-09	-1.02E+00	-1.31E+00	-2.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+00
	B04919	-1.87E-04	-7.11E-02	-5.08E-03	-6.60E-02	0.00E+00	0.00E+00	-1.14E-01	-4.75E-07	-2.60E-05	-3.08E-04	0.00E+00	-1.53E-05	-1.18E-11	-2.07E-10	-8.19E-03	-2.14E+00	0.00E+00	0.00E+00	-1.21E-01	-7.08E-03	-1.23E+00	0.00E+00	-2.67E-09	-2.06E-09	-9.24E-05	-5.83E-06	-3.47E-01	0.00E+00	-1.23E+00	-5.64E-09	-1.23E+00	-1.58E+00	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	-2.35E+00
	B04925	4.42E-05	-2.30E-01	-1.09E-02	-2.57E-02	0.00E+00	0.00E+00	-1.10E+00	-3.38E-05	6.75E-05	-1.79E-04	0.00E+00	-5.95E-05	-1.74E-10	-4.91E-09	-1.37E-02	-2.41E+00	0.00E+00	0.00E+00	9.79E-03	-4.75E-02	-3.04E+00	0.00E+00	1.91E-08	-7.39E-09	-1.11E-04	-3.16E-05	-2.68E-01	0.00E+00	-3.04E+00	-1.56E-06	-3.04E+00	-4.09E+00	-2.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
	B04926	4.84E-05	-2.67E-01	-1.13E-02	-2.39E-02	0.00E+00	0.00E+00	-1.09E+00	-3.03E-05	9.46E-05	-1.33E-04	0.00E+00	-6.26E-05	-1.16E-10	-4.85E-09	-1.40E-02	-4.19E+00	0.00E+00	0.00E+00	2.02E-02	-5.07E-02	-3.91E+00	0.00E+00	2.58E-08	-7.20E-09	-1.05E-04	-3.17E-05	-3.93E-01	0.00E+00	-3.91E+00	-1.54E-06	-3.91E+00	-4.84E+00	-3.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
	B04927	-1.46E-03	-5.07E-01	-3.92E-02	-4.68E-01	0.00E+00	0.00E+00	-1.14E+00	-7.60E-06	-2.13E-04	-2.40E-03	0.00E+00	-1.79E-04	-2.51E-10	-2.09E-09	-6.67E-02	-1.05E+01	0.00E+00	0.00E+00	-2.79E-01	-8.26E-02	-1.01E+01	0.00E+00	-5.44E-09	-1.30E-08	-8.26E-04	-6.80E-05	-1.61E+00	0.00E+00	-1.01E+01	-3.99E-07	-1.01E+01	-1.17E+01	-1.61E+00	0.00E+00	0.00E+00	0.00E+00	-1.63E+01
	B04928	-1.78E-03	-6.16E-01	-4.87E-02	-5.67E-01	0.00E+00	0.00E+00	-1.40E+00	-7.88E-06	-2.59E-04	-2.91E-03	0.00E+00	-2.23E-04	-2.66E-10	-2.43E-09	-8.29E-02	-1.23E+01	0.00E+00	0.00E+00	-3.12E-01	-1.03E-01	-1.25E+01	0.00E+00	-6.42E-09	-1.54E-08	-9.98E-04	-8.47E-05	-1.91E+00	0.00E+00	-1.25E+01	-4.13E-07	-1.25E+01	-1.44E+01	-1.91E+00	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
	B04929	-2.17E-03	-7.55E-01	-6.09E-02	-6.94E-01	0.00E+00	0.00E+00	-1.73E+00	-8.23E-06	-3.18E-04	-3.57E-03	0.00E+00	-2.79E-04	-2.87E-10	-2.86E-09	-1.04E-01	-1.47E+01	0.00E+00	0.00E+00	-3.53E-01	-1.29E-01	-1.56E+01	0.00E+00	-7.67E-09	-1.85E-08	-1.22E-03	-1.06E-04	-2.28E+00	0.00E+00	-1.56E+01	-4.31E-07	-1.56E+01	-1.79E+01	-2.28E+00	0.00E+00	0.00E+00	0.00E+00	-2.21E+01
	B04943	-2.10E-03	-1.05E+00	-3.74E-02	-1.01E+00	0.00E+00	0.00E+00	-1.81E+00	-3.84E-05	-4.10E-04	-4.80E-03	0.00E+00	-1.72E-04	-1.75E-09	-6.74E-09	-6.54E-02	-4.07E+01	0.00E+00	0.00E+00	-1.99E+00	-7.77E-02	-1.12E+01	0.00E+00	-1.62E-08	-3.91E-08	-1.65E-03	-6.30E-05	-6.15E+00	0.00E+00	-1.12E+01	-3.12E-06	-1.12E+01	-1.74E+01	-6.15E+00	0.00E+00	0.00E+00	0.00E+00	-8.80E+01
	B04944	3.21E-03	6.03E-01	1.40E-02	5.89E-01	0.00E+00	0.00E+00	1.58E+00	-4.12E-05	6.11E-04	6.89E-03	0.00E+00	-2.34E-05	-8.57E-10	5.96E-10	4.25E-02	4.56E-02	0.00E+00	0.00E+00	2.72E+00	-8.37E-03	1.04E+01	0.00E+00	9.36E-08	3.10E-08	1.79E-03	-5.51E-06	3.97E-01	0.00E+00	1.04E+01	2.77E-06	1.04E+01	1.08E+01	3.97E-01	0.00E+00	0.00E+00	0.00E+00	8.24E+01
	B04945	2.69E-03	7.78E-02	-4.20E-02	1.20E-01	0.00E+00	0.00E+00	2.03E+00	1.03E-05	4.33E-04	4.95E-03	0.00E+00	-2.81E-04	6.20E-10	6.27E-09	-6.07E-02	-1.02E+01	0.00E+00	0.00E+00	4.14E+00	-1.30E-01	-3.27E+00	0.00E+00	8.85E-08	2.99E-08	1.41E-03	-1.07E-04	-1.07E+00	0.00E+00	-3.27E+00	5.46E-06	-3.27E+00	-4.34E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+02
	B04946	1.78E-03	-6.33E-01	1.54E-02	-6.48E-01	0.00E+00	0.00E+00	2.58E+00	3.58E-06	3.01E-04	3.10E-03	0.00E+00	-4.69E-05	6.78E-10	5.49E-09	3.41E-02	-8.18E+01	0.00E+00	0.00E+00	3.45E+00	-1.67E-02	6.78E+00	0.00E+00	6.38E-08	-1.37E-08	9.54E-04	-1.10E-05	-1.14E+01	0.00E+00	6.78E+00	3.12E-06	6.78E+00	-4.66E+00	-1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
	B04947	7.97E-03	1.56E+00	3.22E-02	1.53E+00	0.00E+00	0.00E+00	4.11E+00	-1.28E-04	1.56E-03	1.75E-02	0.00E+00	6.57E-19	-4.45E-09	-2.67E-09	1.21E-01	2.86E+00	0.00E+00	0.00E+00	4.01E+00	2.51E-18	2.77E+01	0.00E+00	2.45E-07	7.47E-08	4.44E-03	0.00E+00	1.19E+00	0.00E+00	2.77E+01	4.20E-06	2.77E+01	2.89E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	8.55E+01
	B04956	-5.07E-03	-2.50E+00	-8.27E-02	-2.42E+00	0.00E+00	0.00E+00	-4.34E+00	-1.09E-04	-9.91E-04	-1.16E-02	0.00E+00	-3.85E-04	-4.42E-09	-1.73E-08	-1.46E-01	-9.77E+01	0.00E+00	0.00E+00	-4.72E+00	-1.73E-01	-2.56E+01	0.00E+00	-4.03E-08	-9.61E-08	-4.07E-03	-1.40E-04	-1.47E+01	0.00E+00	-2.56E+01	-7.93E-06	-2.56E+01	-4.03E+01	-1.47E+01	0.00E+00	0.00E+00	0.00E+00	-2.07E+02
	B04957	8.60E-03	1.67E+00	3.75E-02	1.63E+00	0.00E+00	0.00E+00	4.77E+00	-1.24E-04	1.65E-03	1.85E-02	0.00E+00	6.99E-19	-2.81E-09	3.51E-10	1.24E-01	3.12E+00	0.00E+00	0.00E+00	6.77E+00	2.60E-18	2.88E+01	0.00E+00	2.49E-07	8.25E-08	4.75E-03	0.00E+00	1.48E+00	0.00E+00	2.88E+01	6.79E-06	2.88E+01	3.03E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+02
	B05169	-1.76E-04	-7.19E-02	-1.39E-03	-7.05E-02	0.00E+00	0.00E+00	-7.65E-01	-2.64E-07	-4.51E-05	-4.75E-04	0.00E+00	-6.36E-05	-1.71E-11	-3.89E-10	-1.32E-02	-9.72E-01	0.00E+00	0.00E+00	-1.13E-02	-2.27E-02	-1.49E+00	0.00E+00	-2.57E-10	-1.56E-09	-1.42E-04	-1.50E-05	-1.71E-01	0.00E+00	-1.49E+00	-7.88E-09	-1.49E+00	-1.66E+00	-1.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+00
	B05172	-2.45E-04	-2.36E-01	-8.49E-03	-1.42E-01	0.00E+00	0.00E+00	-2.42E+00	-7.09E-05	3.95E-05	-5.31E-04	0.00E+00	-1.12E-04	-3.70E-11	-1.52E-08	-6.09E-02	-8.21E-01	0.00E+00	0.00E+00	2.30E-02	-5.22E-02	-6.36E+00	0.00E+00	1.00E-08	-7.68E-09	-2.63E-04	-2.13E-05	-1.38E-01	0.00E+00	-6.36E+00	-5.29E-06	-6.36E+00	-5.82E+00	-1.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
	B05173	-3.44E-04	-2.51E-01	-8.80E-03	-1.55E-01	0.00E+00	0.00E+00	-2.45E+00	-2.20E-04	5.19E-05	-7.20E-04	0.00E+00	-1.24E-04	-5.68E-11	-2.15E-08	-6.05E-02	-1.57E+00	0.00E+00	0.00E+00	4.72E-02	-5.57E-02	-7.34E+00	0.00E+00	1.33E-08	-7.64E-09	-2.71E-04	-2.43E-05	-1.77E-01	0.00E+00	-7.34E+00	-9.90E-06	-7.34E+00	-6.80E+00	-1.77E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+01
	B05174	-4.12E-04	-1.12E-01	-7.83E-03	-7.69E-02	0.00E+00	0.00E+00	-1.87E-01	-4.47E-05	5.89E-05	-1.52E-04	0.00E+00	-5.15E-05	-1.66E-10	-4.28E-09	-1.36E-02	-1.90E+00	0.00E+00	0.00E+00	1.58E-02	-4.15E-02	-3.03E+00	0.00E+00	1.22E-08	-7.72E-09	-1.77E-04	-2.36E-05	-2.91E-01	0.00E+00	-3.03E+00	-1.53E-06	-3.03E+00	-3.89E+00	-2.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+01
	B05182	-6.14E-04	-1.22E-01	-8.14E-03	-7.69E-02	0.00E+00	0.00E+00	-1.87E-01	-5.60E-05	4.82E-05	-1.85E-04	0.00E+00	-5.07E-05	-2.39E-10	-5.46E-09	-1.38E-02	-1.42E+00	0.00E+00	0.00E+00	9.45E-03	-4.25E-02	-3.22E+00	0.00E+00	1.18E-08	-7.88E-09	-1.87E-04	-4.10E-05	-2.68E-01	0.00E+00	-3.22E+00	-1.79E-06	-3.22E+00	-4.46E+00	-2.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+01
	B05184	-4.75E-05	-1.94E-02	-3.75E-04	-1.91E-02	0.00E+00	0.00E+00	-2.07E-01	-7.12E-08	-1.22E-05	-1.28E-04	0.00E+00	-1.72E-05	-4.62E-12	-1.05E-10	-3.57E-03	-2.63E-01	0.00E+00	0.00E+00	-3.05E-03	-6.14E-03	-4.03E-01	0.00E+00	-6.95E-11	-4.20E-10	-3.84E-05	-4.04E-06	-4.62E-02	0.00E+00	-4.03E-01	-2.13E-09	-4.03E-01	-4.49E-01	-4.62E-02	0.00E+00	0.00E+00	0.00E+00	-4.07E-01
	B05186	-4.75E-05	-1.94E-02	-3.75E-04	-1.91E-02	0.00E+00	0.00E+00	-2.07E-01	-7.12E-08	-1.22E-05	-1.28E-04	0.00E+00	-1.72E-05	-4.62E-12	-1.05E-10	-3.57E-03	-2.63E-01	0.00E+00	0.00E+00	-3.05E-03	-6.14E-03	-4.03E-01	0.00E+00	-6.95E-11	-4.20E-10	-3.84E-05	-4.04E-06	-4.62E-02	0.00E+00	-4.03E-01	-2.13E-09	-4.03E-01	-4.49E-01	-4.62E-02	0.00E+00	0.00E+00	0.00E+00	-4.07E-01
	B05188	-1.04E-03	-1.58E-01	-6.12E-03	-9.71E-02	0.00E+00	0.00E+00	-5.53E-01	-2.01E-05	4.08E-05	-4.52E-04	0.00E+00	-7.52E-05	-3.35E-10	-4.55E-09	-1.92E-02	-8.79E+00	0.00E+00	0.00E+00	-1.76E-02	-3.19E-02	-2.79E+00	0.00E+00	1.01E-08	-8.71E-09	-2.08E-04	-1.83E-05	-1.24E+00	0.00E+00	-2.79E+00	-1.23E-06	-2.79E+00	-4.67E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
	B05190	-2.62E-04	-1.46E-01	-7.83E-03	-9.56E-02	0.00E+00	0.00E+00	-5.47E-01	-1.72E-05	4.88E-05	-4.43E-04	0.00E+00	-2.98E-05	-3.88E-11	-9.83E-09	-1.47E-02	-1.37E+00	0.00E+00	0.00E+00	-1.93E-02	-2.16E-02	-3.05E+00	0.00E+00	9.93E-09	-7.24E-09	-1.59E-04	-1.33E-05	-2.24E-01	0.00E+00	-3.05E+00	-1.44E-06	-3.05E+00	-4.15E+00	-2.24E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
	B05191	-1.30E-04	-1.30E-01	-6.26E-03	-7.00E-02	0.00E+00	0.00E+00	-4.02E-01	-2.41E-04	5.39E-05	-7.27E-05	0.00E+00	-3.58E-05	5.80E-10	-1.23E-08	-1.43E-02	-1.25E+00	0.00E+00	0.00E+00	-4.99E-01	-3.09E-02	-2.87E+00	0.00E+00	1.12E-08	-7.34E-09	-1.80E-04	-4.26E-05	-1.07E-01	0.00E+00	-2.87E+00	-6.65E-06	-2.87E+00	-4.21E+00	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.30E+01
	B05192	-1.30E-04	-1.30E-01	-6.26E-03	-7.00E-02	0.00E+00	0.00E+00	-4.02E-01	-2.41E-04	5.39E-05	-7.27E-05	0.00E+00	-3.58E-05	5.80E-10	-1.23E-08	-1.43E-02	-1.25E+00	0.00E+00	0.00E+00	-4.99E-01	-3.09E-02	-2.87E+00	0.00E+00	1.12E-08	-7.34E-09	-1.80E-04	-4.26E-05	-1.07E-01	0.00E+00	-2.87E+00	-6.65E-06	-2.87E+00	-4.21E+00	-1.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.30E+01
	B05196	-7.56E-06	-1.43E-01	-6.47E-03	-7.23E-02	0.00E+00	0.00E+00	-1.53E-01	-2.49E-05	4.91E-05	-3.24E-04	0.00E+00	-5.06E-05	-2.63E-11	-9.76E-09	-1.58E-02	-2.39E+00	0.00E+00	0.00E+00	-1.28E-02	-2.86E-02	-2.81E+00	0.00E+00	1.01E-08	-7.24E-09	-1.74E-04	-1.69E-05	-3.03E-01	0.00E+00	-2.81E+00	-2.10E-06	-2.81E+00	-3.73E+00	-3.03E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
	B05197	-1.45E-04	-2.17E-01	-9.48E-03	-6.26E-02	0.00E+00	0.00E+00	-4.58E-01	-7.93E-05	6.53E-05	-1.21E-04	0.00E+00	-5.45E-05	-6.41E-11	-1.68E-08	-1.29E-02	-9.13E-01	0.00E+00	0.00E+00	3.02E-02	-2.95E-02	-3.50E+00	0.00E+00	9.98E-09	-7.68E-09	-1.53E-04	-1.66E-05	-2.26E-01	0.00E+00	-3.50E+00	-5.32E-06	-3.50E+00	-4.21E+00	-2.26E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
	B05198	-2.64E-04	-2.90E-01	-1.00E-02	-9.85E-02	0.00E+00	0.00E+00	-5.02E-01	-2.62E-04	8.82E-05	-1.96E-04	0.00E+00	-6.22E-05	-1.21E-10	-2.47E-08	-1.24E-02	-1.48E+00	0.00E+00	0.00E+00	5.44E-02	-3.59E-02	-3.36E+00	0.00E+00	1.47E-08	-7.64E-09	-1.74E-04	-2.12E-05	-2.52E-01	0.00E+00	-3.36E+00	-1.02E-05	-3.36E+00	-4.46E+00	-2.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+01
	B05199	-6.11E-04	-1.15E-01	-8.14E-03	-7.69E-02	0.00E+00	0.00E+00	-1.78E-01	-4.90E-05	4.82E-05	-1.75E-04	0.00E+00	-4.97E-05	-2.59E-10	-5.44E-09	-1.38E-02	-1.60E+00	0.00E+00	0.00E+00	9.45E-03	-3.83E-02	-2.87E+00	0.00E+00	1.24E-08	-7.53E-09	-1.87E-04	-3.18E-05	-2.57E-01	0.00E+00	-2.87E+00	-1.97E-06	-2.87E+00	-4.09E+00	-2.57E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+01
	B05762	-5.23E-03	-6.92E-01	-1.22E-02	-3.97E-01	0.00E+00	0.00E+00	-1.66E+01	-2.08E-04	-3.24E-04	-9.83E-03	0.00E+00	-6.79E-04	-5.09E-09	-2.34E-08	-1.39E-01	-1.09E+01	0.00E+00	0.00E+00	-1.84E+00	-3.20E-01	-1.57E+01	0.00E+00	2.61E-08	-2.44E-08	-2.59E-03	-1.85E-04	-1.42E+00	0.00E+00	-1.57E+01	-1.61E-05	-1.57E+01	-1.44E+01	-1.42E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
	B05763	-2.44E-03	-3.39E-01	-9.41E-03	-3.39E-01	0.00E+00	0.00E+00	-1.16E+01	-1.37E-04	-7.44E-05	-3.09E-03	0.00E+00	-5.60E-04	-7.23E-10	-1.49E-08	-1.33E-01	-1.06E+01	0.00E+00	0.00E+00	3.25E-01	-2.86E-01	-1.17E+01	0.00E+00	2.63E-08	-1.20E-08	-5.53E-04	-1.80E-04	-1.18E+00	0.00E+00	-1.17E+01	-9.24E-06	-1.17E+01	-1.17E+01	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
	B05765	-5.24E-03	-6.92E-01	-1.22E-02	-4.02E-01	0.00E+00	0.00E+00	-1.66E+01	-2.01E-04	-3.26E-04	-9.86E-03	0.00E+00	-6.78E-04	-5.09E-09	-2.34E-08	-1.40E-01	-1.06E+01	0.00E+00	0.00E+00	-1.84E+00	-3.20E-01	-1.57E+01	0.00E+00	2.71E-08	-2.44E-08	-2.60E-03	-1.85E-04	-1.43E+00	0.00E+00	-1.57E+01	-1.61E-05	-1.57E+01	-1.46E+01	-1.43E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
	B05767	-2.22E-03	-3.69E-01	-7.39E-03	-3.76E-01	0.00E+00	0.00E+00	-1.14E+01	-2.32E-04	-1.15E-04	-3.08E-03	0.00E+00	-5.38E-04	-6.91E-10	-1.73E-08	-1.31E-01	-1.29E+01	0.00E+00	0.00E+00	2.60E-01	-2.53E-01	-1.13E+01	0.00E+00	2.60E-08	-1.34E-08	-6.07E-04	-1.79E-04	-1.70E+00	0.00E+00	-1.13E+01	-1.15E-05	-1.13E+01	-1.11E+01	-1.70E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-01
	B05768	-2.22E-03	-3.69E-01	-7.39E-03	-3.76E-01	0.00E+00	0.00E+00	-1.14E+01	-2.32E-04	-1.15E-04	-3.08E-03	0.00E+00	-5.38E-04	-6.91E-10	-1.73E-08	-1.31E-01	-1.29E+01	0.00E+00	0.00E+00	2.60E-01	-2.53E-01	-1.13E+01	0.00E+00	2.60E-08	-1.34E-08	-6.07E-04	-1.79E-04	-1.70E+00	0.00E+00	-1.13E+01	-1.15E-05	-1.13E+01	-1.11E+01	-1.70E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-01
	B05769	-4.57E-05	-1.16E-01	-4.32E-03	-7.73E-02	0.00E+00	0.00E+00	-1.04E-01	-2.28E-05	9.58E-05	-2.30E-04	0.00E+00	-2.55E-05	-2.83E-11	-8.16E-09	-2.05E-02	-1.25E+00	0.00E+00	0.00E+00	-1.93E-02	-1.42E-02	-2.60E+00	0.00E+00	9.89E-09	-7.66E-09	-1.13E-04	-1.02E-05	-2.21E-01	0.00E+00	-2.60E+00	-2.09E-06	-2.60E+00	-3.54E+00	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
	B05770	-4.57E-05	-1.16E-01	-4.32E-03	-7.73E-02	0.00E+00	0.00E+00	-1.04E-01	-2.28E-05	9.58E-05	-2.30E-04	0.00E+00	-2.55E-05	-2.83E-11	-8.16E-09	-2.05E-02	-1.25E+00	0.00E+00	0.00E+00	-1.93E-02	-1.42E-02	-2.60E+00	0.00E+00	9.89E-09	-7.66E-09	-1.13E-04	-1.02E-05	-2.21E-01	0.00E+00	-2.60E+00	-2.09E-06	-2.60E+00	-3.54E+00	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
	B05774	6.71E-05	-1.16E-01	-4.32E-03	-7.73E-02	0.00E+00	0.00E+00	-9.33E-02	-8.93E-06	5.76E-05	-2.35E-04	0.00E+00	-2.28E-05	1.73E-11	-3.84E-09	-1.40E-02	-8.13E-01	0.00E+00	0.00E+00	-1.93E-02	-1.45E-02	-2.60E+00	0.00E+00	9.96E-09	-7.67E-09	-1.64E-04	-1.06E-05	-1.78E-01	0.00E+00	-2.60E+00	-7.34E-07	-2.60E+00	-3.49E+00	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
	B06521	2.06E-03	4.27E-01	1.01E-02	4.17E-01	0.00E+00	0.00E+00	1.53E+00	4.00E-06	4.13E-04	4.69E-03	0.00E+00	1.67E-19	2.67E-10	3.56E-09	3.11E-02	7.96E-01	0.00E+00	0.00E+00	1.88E+00	6.31E-19	6.73E+00	0.00E+00	5.63E-08	2.25E-08	1.36E-03	0.00E+00	3.77E-01	0.00E+00	6.73E+00	2.41E-06	6.73E+00	7.10E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	5.62E+01
	B06522	-1.14E-03	-7.03E-01	-1.21E-02	-6.91E-01	0.00E+00	0.00E+00	-8.39E+00	2.16E-07	-3.77E-04	-3.84E-03	0.00E+00	-8.03E-04	-2.16E-11	-2.12E-09	-1.55E-01	-1.18E+01	0.00E+00	0.00E+00	1.05E+00	-2.87E-01	-1.56E+01	0.00E+00	2.18E-08	-7.77E-09	-1.14E-03	-1.89E-04	-1.95E+00	0.00E+00	-1.56E+01	1.29E-06	-1.56E+01	-1.76E+01	-1.95E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+01
	B06523	-5.36E-03	-2.52E+00	-4.03E-02	-2.48E+00	0.00E+00	0.00E+00	-2.32E+01	-7.18E-06	-1.39E-03	-1.48E-02	0.00E+00	-2.03E-03	-4.09E-10	-1.03E-08	-4.15E-01	-5.71E+01	0.00E+00	0.00E+00	3.63E-01	-7.24E-01	-4.65E+01	0.00E+00	-2.60E-10	-5.80E-08	-4.42E-03	-4.77E-04	-9.15E+00	0.00E+00	-4.65E+01	1.62E-07	-4.65E+01	-5.57E+01	-9.15E+00	0.00E+00	0.00E+00	0.00E+00	-2.25E+01
	B06524	4.88E-03	6.38E-01	2.89E-02	6.09E-01	0.00E+00	0.00E+00	2.59E+00	-7.71E-05	1.10E-03	1.23E-02	0.00E+00	6.10E-19	-1.73E-09	-5.94E-10	1.10E-01	-3.89E+01	0.00E+00	0.00E+00	3.55E+00	2.33E-18	1.93E+01	0.00E+00	1.79E-07	3.01E-08	3.01E-03	0.00E+00	-5.00E+00	0.00E+00	1.93E+01	2.89E-06	1.93E+01	1.43E+01	-5.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E+01
	B06525	-3.19E-03	-2.37E+00	-4.20E-02	-2.33E+00	0.00E+00	0.00E+00	-3.01E+01	2.11E-06	-1.20E-03	-1.21E-02	0.00E+00	-2.88E-03	-9.34E-11	-7.44E-09	-5.50E-01	-4.28E+01	0.00E+00	0.00E+00	4.24E+00	-1.03E+00	-5.36E+01	0.00E+00	9.75E-08	-1.85E-08	-3.53E-03	-6.78E-04	-6.96E+00	0.00E+00	-5.36E+01	6.01E-06	-5.36E+01	-6.06E+01	-6.96E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+02
	B06526	-8.90E-03	-4.15E+00	-7.86E-02	-4.07E+00	0.00E+00	0.00E+00	-4.82E+01	-1.65E-04	-2.40E-03	-2.52E-02	0.00E+00	-4.10E-03	-5.17E-09	-3.46E-08	-8.15E-01	-6.49E+01	0.00E+00	0.00E+00	-2.77E-02	-1.47E+00	-8.73E+01	0.00E+00	7.30E-08	-8.83E-08	-8.37E-03	-9.65E-04	-1.11E+01	0.00E+00	-8.73E+01	-2.17E-06	-8.73E+01	-9.84E+01	-1.11E+01	0.00E+00	0.00E+00	0.00E+00	-8.86E+01
	B06527	-1.61E-02	-8.41E+00	-1.12E-01	-8.29E+00	0.00E+00	0.00E+00	-6.39E+01	-2.20E-05	-4.22E-03	-4.54E-02	0.00E+00	-5.66E-03	-1.23E-09	-2.88E-08	-1.16E+00	-2.44E+02	0.00E+00	0.00E+00	1.13E+00	-2.02E+00	-1.31E+02	0.00E+00	-1.43E-08	-2.07E-07	-1.33E-02	-1.33E-03	-3.78E+01	0.00E+00	-1.31E+02	5.56E-07	-1.31E+02	-1.69E+02	-3.78E+01	0.00E+00	0.00E+00	0.00E+00	-5.81E+01
	B06528	4.34E-03	-1.19E+00	-1.90E-02	-1.18E+00	0.00E+00	0.00E+00	-2.94E+01	2.44E-05	8.90E-05	2.94E-03	0.00E+00	-3.53E-03	1.02E-09	7.57E-09	-5.97E-01	-5.22E+01	0.00E+00	0.00E+00	1.28E+01	-1.26E+00	-4.29E+01	0.00E+00	3.01E-07	6.41E-08	9.05E-04	-8.30E-04	-7.56E+00	0.00E+00	-4.29E+01	1.78E-05	-4.29E+01	-5.05E+01	-7.56E+00	0.00E+00	0.00E+00	0.00E+00	4.05E+02
	B06534	-5.94E-03	-4.51E-01	-4.70E-02	-4.04E-01	0.00E+00	0.00E+00	-1.66E+00	-5.52E-04	-3.40E-04	-4.18E-03	0.00E+00	-2.37E-04	-6.07E-10	-6.46E-08	-7.77E-02	-9.34E+00	0.00E+00	0.00E+00	-1.80E-01	-1.09E-01	-1.07E+01	0.00E+00	1.35E-08	-1.35E-08	-1.30E-03	-9.00E-05	-1.36E+00	0.00E+00	-1.07E+01	-1.90E-05	-1.07E+01	-1.20E+01	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	-2.26E+01
	B06537	-6.22E-03	5.67E-01	1.40E-02	5.53E-01	0.00E+00	0.00E+00	4.37E-01	-9.16E-04	2.08E-04	1.75E-03	0.00E+00	2.57E-19	-6.99E-10	-1.03E-07	4.74E-02	-7.20E-01	0.00E+00	0.00E+00	1.36E+00	9.60E-19	9.66E+00	0.00E+00	8.12E-08	1.61E-08	5.35E-04	0.00E+00	2.64E-01	0.00E+00	9.66E+00	-2.97E-05	9.66E+00	9.92E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	1.84E+01
	B06540	-3.60E-03	-2.25E+00	-1.56E-01	-2.10E+00	0.00E+00	0.00E+00	-4.65E+00	-9.30E-05	1.22E-04	-1.05E-02	0.00E+00	-7.38E-04	-2.67E-09	-2.01E-09	-2.69E-01	-5.64E+01	0.00E+00	0.00E+00	-1.60E+00	-3.41E-01	-4.20E+01	0.00E+00	-1.75E-08	-6.95E-08	-3.93E-03	-2.81E-04	-8.56E+00	0.00E+00	-4.20E+01	-4.88E-06	-4.20E+01	-5.06E+01	-8.56E+00	0.00E+00	0.00E+00	0.00E+00	-9.48E+01
	B06541	-1.77E-02	2.12E+00	4.71E-02	2.07E+00	0.00E+00	0.00E+00	1.41E+00	-2.84E-03	9.66E-04	9.15E-03	0.00E+00	-1.18E-06	-2.16E-09	-3.18E-07	1.62E-01	-2.22E+00	0.00E+00	0.00E+00	5.00E+00	-4.22E-04	3.41E+01	0.00E+00	2.87E-07	6.55E-08	2.72E-03	-2.78E-07	9.25E-01	0.00E+00	3.41E+01	-9.01E-05	3.41E+01	3.50E+01	9.25E-01	0.00E+00	0.00E+00	0.00E+00	8.08E+01
	B06542	-3.42E-02	-2.84E+00	-2.36E-01	-2.61E+00	0.00E+00	0.00E+00	-1.35E+01	-2.98E-03	-2.35E-03	-2.84E-02	0.00E+00	-1.10E-03	-7.23E-09	-3.55E-07	-3.89E-01	-4.54E+01	0.00E+00	0.00E+00	-6.65E+00	-5.06E-01	-5.90E+01	0.00E+00	3.45E-09	-1.18E-07	-9.37E-03	-4.17E-04	-7.18E+00	0.00E+00	-5.90E+01	-1.07E-04	-5.90E+01	-6.62E+01	-7.18E+00	0.00E+00	0.00E+00	0.00E+00	-3.30E+02
	B06544	-6.81E-02	-7.20E+00	-4.37E-01	-6.76E+00	0.00E+00	0.00E+00	-2.12E+01	-5.73E-03	-4.72E-03	-5.74E-02	0.00E+00	-2.06E-03	-7.46E-09	-6.82E-07	-7.44E-01	-2.46E+02	0.00E+00	0.00E+00	-9.22E+00	-9.53E-01	-1.14E+02	0.00E+00	-3.92E-08	-2.81E-07	-1.75E-02	-7.85E-04	-3.65E+01	0.00E+00	-1.14E+02	-2.06E-04	-1.14E+02	-1.50E+02	-3.65E+01	0.00E+00	0.00E+00	0.00E+00	-4.84E+02

B08700	-1.29E-03	-4.24E-01	-2.13E-03	-4.22E-01	0.00E+00	0.00E+00	-5.32E-01	-4.23E-05	-1.76E-04	-2.14E-03	0.00E+00	-6.04E-20	-1.21E-09	-4.69E-09	-3.82E-03	-2.00E+01	0.00E+00	0.00E+00	-9.71E-01	-1.21E-19	-1.83E+00	0.00E+00	-9.82E-09	-2.14E-08	-8.35E-04	0.00E+00	-2.98E+00	0.00E+00	-1.83E+00	-2.23E-06	-1.83E+00	-4.81E+00	-2.98E+00	0.00E+00	0.00E+00	0.00E+00	-3.94E+01
B08702	-1.29E-03	-4.24E-01	-2.13E-03	-4.22E-01	0.00E+00	0.00E+00	-5.32E-01	-4.23E-05	-1.76E-04	-2.14E-03	0.00E+00	-6.04E-20	-1.21E-09	-4.69E-09	-3.82E-03	-2.00E+01	0.00E+00	0.00E+00	-9.71E-01	-1.21E-19	-1.83E+00	0.00E+00	-9.82E-09	-2.14E-08	-8.35E-04	0.00E+00	-2.98E+00	0.00E+00	-1.83E+00	-2.23E-06	-1.83E+00	-4.81E+00	-2.98E+00	0.00E+00	0.00E+00	0.00E+00	-3.94E+01
B08704	-4.51E-03	-5.59E-01	-9.67E-03	-5.17E-01	0.00E+00	0.00E+00	-8.89E-01	-6.41E-05	-3.86E-04	-2.12E-03	0.00E+00	-5.85E-05	-1.91E-09	-1.10E-08	-1.23E-02	-1.30E+01	0.00E+00	0.00E+00	-4.85E-01	-3.32E-02	-7.89E+00	0.00E+00	3.09E-08	-1.89E-08	-1.24E-03	-3.26E-05	-1.72E+00	0.00E+00	-7.89E+00	-1.45E-06	-7.89E+00	-1.20E+01	-1.72E+00	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
B08705	-4.61E-03	-5.55E-01	-9.42E-03	-5.26E-01	0.00E+00	0.00E+00	-3.65E-01	-6.39E-05	-3.74E-04	-2.31E-03	0.00E+00	-6.07E-05	-2.05E-09	-8.07E-09	-1.57E-02	-1.18E+01	0.00E+00	0.00E+00	-6.63E-01	-3.76E-02	-7.87E+00	0.00E+00	3.07E-08	-1.90E-08	-1.24E-03	-3.31E-05	-1.72E+00	0.00E+00	-7.87E+00	-1.41E-06	-7.87E+00	-1.19E+01	-1.72E+00	0.00E+00	0.00E+00	0.00E+00	-3.15E+01
B08712	-1.38E-03	-1.61E-01	-7.64E-03	-8.08E-02	0.00E+00	0.00E+00	-5.57E-01	-2.52E-05	4.49E-05	-2.82E-04	0.00E+00	-8.24E-05	-1.91E-10	-4.38E-09	-1.76E-02	-8.86E+00	0.00E+00	0.00E+00	-2.15E-02	-3.66E-02	-2.77E+00	0.00E+00	1.20E-08	-8.96E-09	-1.94E-04	-2.01E-05	-1.14E+00	0.00E+00	-2.77E+00	-5.13E-06	-2.77E+00	-4.47E+00	-1.14E+00	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
B08716	-1.47E-03	-2.41E-01	-8.78E-03	-8.02E-02	0.00E+00	0.00E+00	-5.68E-01	-8.14E-05	5.10E-05	-4.74E-04	0.00E+00	-8.46E-05	-1.44E-10	-1.31E-08	-1.75E-02	-9.33E+00	0.00E+00	0.00E+00	-2.02E-02	-3.34E-02	-3.83E+00	0.00E+00	1.14E-08	-9.25E-09	-1.92E-04	-2.01E-05	-1.12E+00	0.00E+00	-3.83E+00	-7.02E-06	-3.83E+00	-4.93E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
FV22A	-7.67E-03	-3.31E-01	-1.20E-02	-1.08E+00	0.00E+00	0.00E+00	-2.41E+00	-8.69E-04	-5.17E-04	-3.08E-03	0.00E+00	-1.85E-04	-6.59E-09	-5.11E-08	2.95E-03	-1.30E+01	0.00E+00	0.00E+00	-1.69E+00	-8.82E-02	-6.17E+00	0.00E+00	1.01E-07	-5.02E-08	-2.74E-03	-6.43E-05	-2.38E+00	0.00E+00	-6.17E+00	-4.65E-05	-6.17E+00	-9.72E+00	-2.38E+00	0.00E+00	0.00E+00	0.00E+00	-1.29E+02
FV32A	-3.63E-02	-5.36E-02	-2.04E-03	-9.95E-01	0.00E+00	0.00E+00	-5.95E+00	-2.66E-03	-1.13E-04	-5.76E-03	0.00E+00	-2.25E-04	-9.53E-09	-2.70E-07	-6.05E-03	-2.32E+01	0.00E+00	0.00E+00	-3.10E+00	-1.11E-01	-3.79E-01	0.00E+00	1.07E-07	-9.43E-08	-4.09E-03	-7.84E-05	-3.65E+00	0.00E+00	-3.79E-01	-8.52E-05	-3.79E-01	-5.05E+00	-3.65E+00	0.00E+00	0.00E+00	0.00E+00	-2.23E+02
FV62A	-3.66E-02	4.05E-02	4.70E-03	-8.51E-01	0.00E+00	0.00E+00	-6.10E+00	-2.97E-03	-5.42E-04	-4.77E-03	0.00E+00	-2.13E-04	-9.57E-09	-3.78E-07	-1.01E-02	-1.87E+01	0.00E+00	0.00E+00	-4.11E+00	-9.73E-02	-3.83E-01	0.00E+00	1.05E-07	-1.00E-07	-5.00E-03	-7.14E-05	-2.33E+00	0.00E+00	-3.83E-01	-8.18E-05	-3.83E-01	-4.10E+00	-2.33E+00	0.00E+00	0.00E+00	0.00E+00	-2.46E+02
FV72A	-3.66E-02	2.59E-02	1.15E-03	-8.58E-01	0.00E+00	0.00E+00	-6.09E+00	-3.01E-03	-4.56E-04	-5.96E-03	0.00E+00	-2.14E-04	-9.67E-09	-3.78E-07	-4.28E-03	-2.24E+01	0.00E+00	0.00E+00	-4.05E+00	-1.03E-01	-3.89E-01	0.00E+00	1.05E-07	-1.00E-07	-5.00E-03	-7.19E-05	-2.29E+00	0.00E+00	-3.89E-01	-8.23E-05	-3.89E-01	-4.21E+00	-2.29E+00	0.00E+00	0.00E+00	0.00E+00	-2.37E+02
GA01A	1.09E-03	7.76E-01	3.08E-03	7.73E-01	0.00E+00	0.00E+00	9.61E-02	-3.31E-05	4.88E-04	5.86E-03	0.00E+00	-4.19E-06	-7.88E-10	-1.89E-09	5.48E-03	2.98E-02	0.00E+00	0.00E+00	-2.38E-01	-1.94E-03	7.59E-01	0.00E+00	1.73E-08	2.57E-09	1.05E-03	-1.60E-06	2.11E-02	0.00E+00	7.59E-01	-1.58E-06	7.59E-01	7.80E-01	2.11E-02	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
GA01B	2.08E-03	1.05E+00	7.27E-03	1.04E+00	0.00E+00	0.00E+00	1.18E+00	1.14E-06	6.98E-04	8.33E-03	0.00E+00	-4.19E-06	2.60E-10	3.05E-09	1.19E-02	3.57E-01	0.00E+00	0.00E+00	9.35E-01	-1.94E-03	2.84E+00	0.00E+00	3.05E-08	1.50E-08	1.89E-03	-1.60E-06	1.88E-01	0.00E+00	2.84E+00	4.07E-07	2.84E+00	3.03E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.04E+01
GA055N	2.81E-03	1.61E+00	9.87E-03	1.60E+00	0.00E+00	0.00E+00	9.29E-01	-3.19E-05	1.04E-03	1.24E-02	0.00E+00	-4.19E-06	-2.78E-10	5.37E-10	1.51E-02	4.49E-01	0.00E+00	0.00E+00	1.04E+00	-1.94E-03	3.14E+00	0.00E+00	4.02E-08	1.54E-08	2.55E-03	-1.60E-06	2.32E-01	0.00E+00	3.14E+00	-1.02E-06	3.14E+00	3.37E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	3.40E+01
GD018E	-9.03E-03	-5.26E-01	4.06E-03	-4.77E-01	0.00E+00	0.00E+00	-4.04E+00	-6.14E-04	-4.08E-04	-2.20E-03	0.00E+00	-4.29E-04	-5.60E-09	-3.41E-08	-1.26E-01	-1.29E+01	0.00E+00	0.00E+00	-1.89E+00	-1.46E-01	-1.78E+01	0.00E+00	5.91E-08	-6.06E-08	-2.78E-03	-8.95E-05	-1.88E+00	0.00E+00	-1.78E+01	-3.16E-05	-1.78E+01	-1.49E+01	-1.88E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
GD102A	-1.82E-04	-6.94E-02	-5.28E-03	-6.41E-02	0.00E+00	0.00E+00	-1.47E-01	-1.90E-07	-2.73E-05	-3.07E-04	0.00E+00	-2.41E-05	-1.10E-11	-2.07E-10	-9.00E-03	-1.65E+00	0.00E+00	0.00E+00	-2.44E-02	-1.11E-02	-1.35E+00	0.00E+00	-6.95E-10	-1.68E-09	-1.01E-04	-9.17E-06	-2.52E-01	0.00E+00	-1.35E+00	-7.73E-09	-1.35E+00	-1.60E+00	-2.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+00
GD102B	4.78E-04	1.01E-01	2.34E-03	9.86E-02	0.00E+00	0.00E+00	2.58E-01	6.10E-07	1.02E-04	1.16E-03	0.00E+00	4.22E-20	4.93E-11	6.21E-10	8.93E-03	-1.76E-01	0.00E+00	0.00E+00	4.15E-01	1.61E-19	1.69E+00	0.00E+00	1.42E-08	5.03E-09	3.29E-04	0.00E+00	3.54E-02	0.00E+00	1.69E+00	5.30E-07	1.69E+00	1.73E+00	3.54E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
GD102E	-1.76E-04	-6.43E-02	-5.24E-03	-5.90E-02	0.00E+00	0.00E+00	-1.44E-01	-1.71E-07	-2.61E-05	-2.92E-04	0.00E+00	-2.40E-05	-9.78E-12	-1.95E-10	-8.92E-03	-1.32E+00	0.00E+00	0.00E+00	-2.16E-02	-1.11E-02	-1.33E+00	0.00E+00	-6.27E-10	-1.49E-09	-9.72E-05	-9.11E-06	-2.04E-01	0.00E+00	-1.33E+00	-7.62E-09	-1.33E+00	-1.54E+00	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.49E+00
GD102N	-1.82E-04	-6.94E-02	-5.28E-03	-6.41E-02	0.00E+00	0.00E+00	-1.47E-01	-1.90E-07	-2.73E-05	-3.07E-04	0.00E+00	-2.41E-05	-1.10E-11	-2.07E-10	-9.00E-03	-1.65E+00	0.00E+00	0.00E+00	-2.44E-02	-1.11E-02	-1.35E+00	0.00E+00	-6.95E-10	-1.68E-09	-1.01E-04	-9.17E-06	-2.52E-01	0.00E+00	-1.35E+00	-7.73E-09	-1.35E+00	-1.60E+00	-2.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+00
GD102T	-1.71E-05	-9.31E-02	-7.93E-03	-6.61E-02	0.00E+00	0.00E+00	-5.29E-01	-1.11E-05	5.63E-05	-1.42E-04	0.00E+00	-2.95E-05	-7.61E-11	-4.68E-09	-1.55E-02	-1.45E+00	0.00E+00	0.00E+00	5.80E-02	-1.51E-02	-2.48E+00	0.00E+00	8.77E-09	-7.14E-09	-1.52E-04	-1.20E-05	-3.01E-01	0.00E+00	-2.48E+00	-6.86E-07	-2.48E+00	-2.96E+00	-3.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+01
GD104E	1.11E-03	2.30E-01	5.09E-03	2.25E-01	0.00E+00	0.00E+00	5.60E-01	-3.17E-06	3.14E-04	2.49E-03	0.00E+00	8.94E-20	-1.27E-11	2.06E-09	1.79E-02	1.52E-01	0.00E+00	0.00E+00	8.28E-01	3.42E-19	3.42E+00	0.00E+00	2.94E-08	1.02E-08	6.75E-04	0.00E+00	1.47E-01	0.00E+00	3.42E+00	8.83E-07	3.42E+00	3.57E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
GD104T	-1.19E-04	-8.19E-02	-8.54E-03	-5.83E-02	0.00E+00	0.00E+00	-5.16E-01	-2.11E-05	5.60E-05	-1.42E-04	0.00E+00	-4.54E-05	-6.46E-11	-3.95E-09	-1.87E-02	-1.83E+00	0.00E+00	0.00E+00	5.97E-02	-1.85E-02	-2.52E+00	0.00E+00	8.88E-09	-7.14E-09	-1.64E-04	-1.46E-05	-5.76E-01	0.00E+00	-2.52E+00	-7.45E-07	-2.52E+00	-3.14E+00	-5.76E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+01
GD106A	-2.22E-03	-3.93E-01	-3.57E-02	-3.58E-01	0.00E+00	0.00E+00	-1.31E+00	-1.49E-04	-2.17E-04	-2.52E-03	0.00E+00	-1.68E-04	-3.55E-10	-1.84E-08	-6.03E-02	-6.63E+00	0.00E+00	0.00E+00	-3.30E-01	-7.77E-02	-8.94E+00	0.00E+00	-5.88E-10	-1.10E-08	-8.46E-04	-6.40E-05	-1.03E+00	0.00E+00	-8.94E+00	-5.29E-06	-8.94E+00	-9.97E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-2.06E+01
GD106B	-7.25E-04	-3.79E-01	-3.54E-02	-3.43E-01	0.00E+00	0.00E+00	-9.27E-01	-6.71E-07	-1.48E-04	-1.63E-03	0.00E+00	-1.68E-04	-4.96E-11	-1.12E-09	-6.01E-02	-6.73E+00	0.00E+00	0.00E+00	9.78E-03	-7.77E-02	-8.78E+00	0.00E+00	-1.51E-10	-7.58E-09	-5.65E-04	-6.40E-05	-1.03E+00	0.00E+00	-8.78E+00	9.81E-08	-8.78E+00	-9.81E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-6.00E+00
GD106E	-7.91E-04	-4.44E-01	-3.57E-02	-4.09E-01	0.00E+00	0.00E+00	-9.82E-01	-5.51E-06	-8.85E-05	-2.06E-03	0.00E+00	-1.68E-04	-1.83E-10	-5.95E-10	-6.11E-02	-8.70E+00	0.00E+00	0.00E+00	-1.22E-01	-7.77E-02	-9.19E+00	0.00E+00	-2.87E-09	-1.06E-08	-7.09E-04	-6.40E-05	-1.33E+00	0.00E+00	-9.19E+00	-2.81E-07	-9.19E+00	-1.05E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
GD106N	-2.09E-03	1.32E-01	3.84E-03	1.28E-01	0.00E+00	0.00E+00	-2.76E-01	-2.95E-04	5.23E-05	3.97E-04	0.00E+00	8.88E-20	-5.22E-10	-3.35E-08	1.75E-02	-2.45E+00	0.00E+00	0.00E+00	1.15E-01	3.40E-19	2.95E+00	0.00E+00	2.68E-08	1.65E-09	5.49E-05	0.00E+00	-2.64E-01	0.00E+00	2.95E+00	-9.77E-06	2.95E+00	2.69E+00	-2.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+01
GD106Y	-1.74E-03	-9.41E-02	-1.74E-02	-7.21E-02	0.00E+00	0.00E+00	-5.16E-01	-1.57E-04	5.04E-05	-2.39E-04	0.00E+00	-1.42E-04	-3.79E-10	-6.05E-09	-2.24E-02	-4.63E+00	0.00E+00	0.00E+00	5.55E-02	-3.47E-02	-2.91E+00	0.00E+00	9.20E-09	-7.47E-09	-1.89E-04	-2.76E-05	-7.12E-01	0.00E+00	-2.91E+00	-2.46E-06	-2.91E+00	-4.15E+00	-7.12E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+01
GD108A	-6.42E-04	-4.00E-01	-4.04E-02	-3.60E-01	0.00E+00	0.00E+00	-9.22E-01	-4.64E-07	-7.54E-05	-1.56E-03	0.00E+00	-1.96E-04	-2.88E-11	-2.03E-10	-6.88E-02	-7.52E+00	0.00E+00	0.00E+00	1.43E-01	-9.06E-02	-9.94E+00	0.00E+00	2.24E-09	-7.51E-09	-5.68E-04	-7.46E-05	-1.14E+00	0.00E+00	-9.94E+00	1.83E-07	-9.94E+00	-1.11E+01	-1.14E+00	0.00E+00	0.00E+00	0.00E+00	-2.31E+00
GD108E	-1.79E-03	-4.18E-01	-4.10E-02	-3.77E-01	0.00E+00	0.00E+00	-1.22E+00	-1.02E-04	-1.95E-04	-2.22E-03	0.00E+00	-1.96E-04	-1.66E-10	-1.30E-08	-6.94E-02	-7.87E+00	0.00E+00	0.00E+00	-1.03E-01	-9.06E-02	-1.01E+01	0.00E+00	9.44E-10	-1.00E-08	-7.61E-04	-7.46E-05	-1.20E+00	0.00E+00	-1.01E+01	-3.49E-06	-1.01E+01	-1.13E+01	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
GD108N	-9.04E-04	-5.10E-01	-4.15E-02	-4.69E-01	0.00E+00	0.00E+00	-1.15E+00	-9.42E-06	-7.44E-05	-2.34E-03	0.00E+00	-1.96E-04	-2.92E-10	-6.84E-10	-7.11E-02	-1.05E+01	0.00E+00	0.00E+00	-1.83E-01	-9.06E-02	-1.08E+01	0.00E+00	-3.20E-09	-1.30E-08	-8.34E-04	-7.46E-05	-1.60E+00	0.00E+00	-1.08E+01	-4.87E-07	-1.08E+01	-1.24E+01	-1.60E+00	0.00E+00	0.00E+00	0.00E+00	-1.48E+01
GD110A	-1.15E-03	-5.97E-01	-4.85E-02	-5.48E-01	0.00E+00	0.00E+00	-1.36E+00	-5.48E-06	-1.82E-04	-2.78E-03	0.00E+00	-2.28E-04	-1.97E-10	-1.38E-09	-8.31E-02	-1.15E+01	0.00E+00	0.00E+00	-1.71E-01	-1.05E-01	-1.25E+01	0.00E+00	-4.39E-09	-1.41E-08	-9.50E-04	-8.68E-05	-1.76E+00	0.00E+00	-1.25E+01	-2.97E-07	-1.25E+01	-1.42E+01	-1.76E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
GD110E	-2.21E-03	-5.76E-01	-4.88E-02	-5.27E-01	0.00E+00	0.00E+00	-1.62E+00	-1.07E-04	-2.78E-04	-3.17E-03	0.00E+00	-2.28E-04	-3.27E-10	-1.41E-08	-8.31E-02	-1.13E+01	0.00E+00	0.00E+00	-3.79E-01	-1.05E-01	-1.25E+01	0.00E+00	-4.30E-09	-1.57E-08	-1.07E-03	-8.68E-05	-1.74E+00	0.00E+00	-1.25E+01	-3.92E-06	-1.25E+01	-1.43E+01	-1.74E+00	0.00E+00	0.00E+00	0.00E+00	-2.40E+01
GD110N	-3.16E-03	-5.93E-01	-4.85E-02	-5.45E-01	0.00E+00	0.00E+00	-1.67E+00	-2.03E-04	-3.21E-04	-3.73E-03	0.00E+00	-2.28E-04	-3.13E-10	-2.52E-08	-8.26E-02	-1.19E+01	0.00E+00	0.00E+00	-3.90E-01	-1.05E-01	-1.24E+01	0.00E+00	-3.53E-09	-1.65E-08	-1.20E-03	-8.68E-05	-1.82E+00	0.00E+00	-1.24E+01	-7.31E-06	-1.24E+01	-1.42E+01	-1.82E+00	0.00E+00	0.00E+00	0.00E+00	-2.52E+01
GD113A	-3.54E-04	-9.55E-01	-7.98E-02	-8.75E-01	0.00E+00	0.00E+00	-5.32E-01	1.22E-06	5.27E-04	-3.26E-03	0.00E+00	-4.12E-04	1.56E-10	8.90E-09	-1.39E-01	-2.56E+01	0.00E+00	0.00E+00	1.24E+00	-1.90E-01	-2.00E+01	0.00E+00	1.07E-08	-1.72E-08	-1.13E-03	-1.57E-04	-3.70E+00	0.00E+00	-2.00E+01	4.77E-07	-2.00E+01	-2.37E+01	-3.70E+00	0.00E+00	0.00E+00	0.00E+00	2.91E+01
GD113D	-4.07E-03	-2.55E-01	-2.25E-02	-2.68E-01	0.00E+00	0.00E+00	-3.07E+00	-2.96E-04	8.82E-04	-4.30E-04	0.00E+00	-3.95E-04	-6.94E-10	-4.52E-08	-1.35E-01	-1.94E+01	0.00E+00	0.00E+00	-1.07E-01	-1.48E-01	-1.77E+01	0.00E+00	1.90E-08	-1.63E-08	-1.02E-03	-8.86E-05	-2.72E+00	0.00E+00	-1.77E+01	-1.17E-05	-1.77E+01	-1.62E+01	-2.72E+00	0.00E+00	0.00E+00	0.00E+00	-2.74E+01
GD113F	-7.68E-03	-4.50E-01	-2.29E-02	-5.57E-01	0.00E+00	0.00E+00	-1.01E+00	-2.80E-03	9.88E-04	-5.60E-03	0.00E+00	-2.00E-04	-2.41E-09	-1.08E-07	-2.15E-02	-3.06E+01	0.00E+00	0.00E+00	-7.02E-01	-9.99E-02	-7.30E+00	0.00E+00	1.81E-08	-1.28E-08	-2.08E-03	-8.29E-05	-4.15E+00	0.00E+00	-7.30E+00	-5.02E-05	-7.30E+00	-1.01E+01	-4.15E+00	0.00E+00	0.00E+00	0.00E+00	-4.04E+01
GD113H	-4.55E-03	-5.33E-02	-1.60E-02	3.02E-01	0.00E+00	0.00E+00	3.60E+00	-6.98E-04	1.07E-03	3.37E-04	0.00E+00	-4.02E-04	-1.04E-09	-8.66E-08	-7.98E-02	-1.90E+01	0.00E+00	0.00E+00	4.39E+00	-1.41E-01	-2.19E+00	0.00E+00	6.57E-08	-3.33E-09	2.61E-03	-8.27E-05	-3.26E+00	0.00E+00	-2.19E+00	-1.69E-05	-2.19E+00	1.66E+00	-3.26E+00	0.00E+00	0.00E+00	0.00E+00	8.24E+01
GD113J	-6.91E-04	-1.92E-01	-1.34E-02	-1.95E-01	0.00E+00	0.00E+00	-1.11E+00	-2.25E-03	1.17E-03	-2.00E-03	0.00E+00	-1.60E-04	-2.69E-09	-2.18E-08	-1.77E-02	-2.27E+01	0.00E+00	0.00E+00	-8.05E-01	-9.15E-02	-5.41E+00	0.00E+00	1.77E-08	-1.92E-08	-2.15E-03	-7.14E-05	-3.24E+00	0.00E+00	-5.41E+00	-4.39E-05	-5.41E+00	-7.57E+00	-3.24E+00	0.00E+00	0.00E+00	0.00E+00	-5.25E+01
GD113M	-6.91E-04	-1.87E-01	-1.34E-02	-1.95E-01	0.00E+00	0.00E+00	-1.11E+00	-2.25E-03	1.16E-03	-2.00E-03	0.00E+00	-1.60E-04	-2.69E-09	-2.18E-08	-1.73E-02	-2.27E+01	0.00E+00	0.00E+00	-8.05E-01	-9.15E-02	-5.41E+00	0.00E+00	1.77E-08	-1.92E-08	-2.15E-03	-7.14E-05	-3.24E+00	0.00E+00	-5.41E+00	-4.39E-05	-5.41E+00	-7.56E+00	-3.24E+00	0.00E+00	0.00E+00	0.00E+00	-5.22E+01
GD113S	6.20E-03	4.65E-01	2.49E-02	4.40E-01	0.00E+00	0.00E+00	4.21E+00	7.74E-06	3.04E-03	7.40E-03	0.00E+00	3.09E-19	7.22E-10	3.27E-08	5.91E-02	-1.80E+01	0.00E+00	0.00E+00	4.35E+00	1.15E-18	1.14E+01	0.00E+00	9.36E-08	2.92E-08	2.25E-03	0.00E+00	-2.04E+00	0.00E+00	1.14E+01	3.12E-06	1.14E+01	9.35E+00	-2.04E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+02
GD113U	-5.85E-03	-3.64E-01	-1.04E-02	-3.02E-01	0.00E+00	0.00E+00	-1.55E+00	-2.73E-03	1.34E-03	-3.44E-03	0.00E+00	-1.69E-04	-1.18E-09	-1.01E-07	-1.76E-02	-2.80E+01	0.00E+00	0.00E+00	-1.23E+00	-9.31E-02	-6.14E+00	0.00E+00	3.14E-08	-1.51E-08	-1.69E-03	-7.25E-05	-4.07E+00	0.00E+00	-6.14E+00	-5.08E-05	-6.14E+00	-7.67E+00	-4.07E+00	0.00E+00	0.00E+00	0.00E+00	-4.87E+01
GD118A	-1.63E-02	-9.28E-01	-9.64E-02	-8.32E-01	0.00E+00	0.00E+00	-4.16E+00	-1.56E-03	-8.58E-04	-1.06E-02	0.00E+00	-4.86E-04	-1.70E-09	-1.80E-07	-1.59E-01	-1.98E+01	0.00E+00	0.00E+00	-1.01E+00	-2.24E-01	-2.21E+01	0.00E+00	2.73E-08	-3.48E-08	-3.27E-03	-1.85E-04	-2.89E+00	0.00E+00	-2.21E+01	-4.30E-05	-2.21E+01	-2.50E+01	-2.89E+00	0.00E+00	0.00E+00	0.00E+00	-7.57E+01
GD118M	7.41E-04	-9.53E-02	1.69E-03	-1.17E-01	0.00E+00	0.00E+00	-4.55E-01	-3.64E-05	7.82E-04	9.56E-04	0.00E+00	-4.81E-05	-3.79E-10	-7.19E-09	-8.09E-03	-1.99E+01	0.00E+00	0.00E+00	1.25E-01	-3.95E-02	-6.36E-02	0.00E+00	3.91E-08	-1.31E-08	-5.83E-04	-1.08E-05	-2.71E+00	0.00E+00	-6.36E-02	-3.85E-06	-6.36E-02	-3.07E+00	-2.71E+00	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
GD118S	4.83E-03	-1.20E-02	1.88E-02	-3.07E-02	0.00E+00	0.00E+00	1.87E+00	-9.88E-05	3.12E-03	3.89E-03	0.00E+00	2.89E-19	-2.39E-09	2.32E-08	5.40E-02	-2.96E+01	0.00E+00	0.00E+00	1.69E+00	1.11E-18	7.88E+00	0.00E+00	7.92E-08	-2.97E-09	6.64E-04	0.00E+00	-3.95E+00	0.00E+00	7.88E+00	-2.36E-06	7.88E+00	3.93E+00	-3.95E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+01
GD213B	-5.89E-02	-1.78E+00	-5.52E-02	-1.72E+00	0.00E+00	0.00E+00	-1.12E+01	-3.59E-03	-2.23E-03	-2.78E-02	0.00E+00	-1.91E-04	-8.34E-09	-4.19E-07	-8.81E-02	-5.27E+01	0.00E+00	0.00E+00	-9.80E+00	-8.84E-02	-1.88E+01	0.00E+00	-4.69E-08	-1.33E-07	-8.83E-03	-7.29E-05	-8.23E+00	0.00E+00	-1.88E+01	-1.07E-04	-1.88E+01	-2.71E+01	-8.23E+00	0.00E+00	0.00E+00	0.00E+00	-4.19E+02
GD213D	-7.50E-03	-2.46E-01	-1.87E-02	-1.38E-01	0.00E+00	0.00E+00	-3.54E+00	-7.06E-04	1.04E-03	-8.12E-04	0.00E+00	-3.99E-04	-3.23E-09	-8.97E-08	-1.29E-01	-2.04E+01	0.00E+00	0.00E+00	-8.33E-01	-1.39E-01	-1.85E+01	0.00E+00	2.24E-08	-2.11E-08	-1.15E-03	-8.43E-05	-2.90E+00	0.00E+00	-1.85E+01	-2.10E-05	-1.85E+01	-1.74E+01	-2.90E+00	0.00E+00	0.00E+00	0.00E+00	-6.03E+01
GD213F	-1.44E-02	-5.15E-01	-1.36E-02	-5.36E-01	0.00E+00	0.00E+00	-3.00E+00	-2.57E-03	1.00E-03	-1.06E-02	0.00E+00	-2.00E-04	-3.53E-09	-1.88E-07	-1.55E-02	-3.31E+01	0.00E+00	0.00E+00	-2.38E+00	-8.88E-02	-8.40E+00	0.00E+00	1.97E-08	-2.50E-08	-2.30E-03	-8.51E-05	-4.68E+00	0.00E+00	-8.40E+00	-5.88E-05	-8.40E+00	-1.05E+01	-4.68E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
GD213H	-9.29E-03	-1.89E-01	-1.76E-02	3.59E-01	0.00E+00	0.00E+00	2.71E+00	-9.20E-04	8.62E-04	-1.77E-03	0.00E+00	-4.41E-04	-4.33E-09	-1.04E-07	-8.11E-02	-2.32E+01	0.00E+00	0.00E+00	3.05E+00	-1.47E-01	-4.37E+00	0.00E+00	7.65E-08	-1.70E-08	1.64E-03	-9.62E-05	-3.83E+00	0.00E+00	-4.37E+00	-2.36E-05	-4.37E+00	-3.46E+00	-3.83E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+01
GD213J	-7.58E-03	-3.87E-01	-1.31E-03	-2.77E-01	0.00E+00	0.00E+00	-2.97E+00	-2.38E-03	1.32E-03	-7.40E-03	0.00E+00	-1.82E-04	-3.41E-09	-1.38E-07	-1.91E-02	-2.87E+01	0.00E+00	0.00E+00	-2.11E+00	-8.44E-02	-8.51E+00	0.00E+00	1.98E-08	-2.16E-08	-2.14E-03	-7.53E-05	-4.37E+00	0.00E+00	-8.51E+00	-5.29E-05	-8.51E+00	-9.54E+00	-4.37E+00	0.00E+00	0.00E+00	0.00E+00	-9.74E+01
GD213M	-5.84E-03	-2.28E-01	-2.86E-03	-1.82E-01	0.00E+00	0.00E+00	-2.52E+00	-2.02E-03	1.29E-03	-5.66E-03	0.00E+00	-1.77E-04	-3.45E-09	-9.94E-08	-1.30E-02	-2.49E+01	0.00E+00	0.00E+00	-1.68E+00	-8.29E-02	-7.01E+00	0.00E+00	2.08E-08	-2.81E-08	-2.33E-03	-7.63E-05	-3.72E+00	0.00E+00	-7.01E+00	-4.83E-05	-7.01E+00	-8.19E+00	-3.72E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
GD213U	-1.25E-02	-4.87E-01	-2.21E-03	-2.95E-01	0.00E+00	0.00E+00	-3.74E+00	-2.74E-03	1.23E-03	-9.14E-03	0.00E+00	-2.02E-04	-2.90E-09	-1.74E-07	-1.31E-02	-2.98E+01	0.00E+00	0.00E+00	-2.81E+00	-9.13E-02	-9.45E+00	0.00E+00	3.09E-08	-2.82E-08	-1.96E-03	-8.20E-05	-4.69E+00	0.00E+00	-9.45E+00	-6.09E-05	-9.45E+00	-1.05E+01	-4.69E+00	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
GD218A	2.42E-03	-1.58E-02	1.69E-02	-3.27E-02	0.00E+00	0.00E+00	9.20E-01	-1.73E-04	1.39E-03	4.05E-03	0.00E+00	3.83E-19	-4.52E-09	-2.30E-09	6.90E-02	-3.10E+01	0.00E+00	0.00E+00	4.73E-01	1.47E-18	9.11E+00	0.00E+00	9.91E-08	-1.32E-08	1.45E-04	0.00E+00	-4.20E+00	0.00E+00	9.11E+00	-4.83E-06	9.11E+00	4.91E+00	-4.20E+00	0.00E+00	0.00E+00	0.00E+00	-4.09E+01
GD218B	-3.35E-02	1.17E+00	3.14E-02	1.14E+00	0.00E+00	0.00E+00	-2.70E+00	-4.07E-03	-3.32E-04	-6.38E-03	0.00E+00	6.16E-19	-3.82E-09	-4.61E-07	1.07E-01	-7.41E+00	0.00E+00	0.00E+00	7.86E-02	2.29E-18	2.15E+01	0.00E+00	1.84E-07	2.82E-09	-1.72E-03	0.00E+00	-2.89E-01	0.00E+00	2.15E+01	-1.09E-04	2.15E+01	2.12E+01	-2.89E-01	0.00E+00	0.00E+00	0.00E+00	-9.01E+01
GD218M	-8.83E-03	-1.91E-01	-2.54E-03	-3.40E-01	0.00E+00	0.00E+00	-1.97E+00	-1.07E-04	-7.80E-04	-2.93E-03	0.00E+00	-1.17E-04	-2.38E-09	-4.90E-08	-1.06E-02	-2.32E+01	0.00E+00	0.00E+00	-1.75E+00	-5.14E-02	-3.56E+00	0.00E+00	4.02E-08	-4.56E-08	-2.45E-03	-2.61E-05	-3.43E+00	0.00E+00	-3.56E+00	-8.97E-06	-3.56E+00	-9.63E+00	-3.43E+00	0.00E+00	0.00E+00	0.00E+00	-6.66E+01
GD218S	-5.23E-02	1.50E+00	6.30E-03	1.49E+00	0.00E+00	0.00E+00	-1.28E+01	-5.78E-03	-1.13E-03	-1.58E-02	0.00E+00	4.68E-19	-1.17E-08	-6.65E-07	4.26E-02	-4.59E+00	0.00E+00	0.00E+00	-1.07E+01	1.79E-18	4.67E+00	0.00E+00	8.48E-08	-9.21E-08	-6.41E-03	0.00E+00	-8.20E-01	0.00E+00	4.67E+00	-1.67E-04	4.67E+00	3.85E+00	-8.20E-01	0.00E+00	0.00E+00	0.00E+00	-4.98E+02
GD218SMB	-3.72E-03	-2.88E-01	-9.54E-06	-1.75E-01	0.00E+00	0.00E+00	2.29E+00	-1.19E-04	4.64E-04	-1.90E-03	0.00E+00	-9.69E-05	-2.47E-09	-2.38E-08	2.88E-02	-1.19E+01	0.00E+00	0.00E+00	4.12E-01	-4.21E-02	-3.63E+00	0.00E+00	2.29E-08	-1.73E-08	-1.01E-03	-2.97E-05	-1.86E+00	0.00E+00	-3.63E+00	-6.06E-06	-3.63E+00	-9.94E+00	-1.86E+00	0.00E+00	0.00E+00	0.00E+00	-1.36E+01
GD313A	-6.72E-02	-2.03E+00	-6.79E-02	-1.96E+00	0.00E+00	0.00E+00	-1.30E+01	-4.07E-03	-2.60E-03	-3.24E-02	0.00E+00	-2.39E-04	-1.02E-08	-4.76E-07	-1.08E-01	-5.22E+01	0.00E+00	0.00E+00	-1.16E+01	-1.10E-01	-2.32E+01	0.00E+00	-5.57E-08	-1.54E-07	-1.04E-02	-9.09E-05	-8.28E+00	0.00E+00	-2.32E+01	-1.27E-04	-2.32E+01	-3.15E+01	-8.28E+00	0.00E+00	0.00E+00	0.00E+00	-4.95E+02
GD313B	-8.10E-02	-2.38E+00	-7.09E-02	-2.31E+00	0.00E+00	0.00E+00	-1.54E+01	-4.94E-03	-3.07E-03	-3.83E-02	0.00E+00	-2.39E-04	-1.18E-08	-5.77E-07	-1.13E-01	-6.83E+01	0.00E+00	0.00E+00	-1.37E+01	-1.10E-01	-2.49E+01	0.00E+00	-6.51E-08	-1.83E-07	-1.22E-02	-9.09E-05	-1.07E+01	0.00E+00	-2.49E+01	-1.48E-04	-2.49E+01	-3.56E+01	-1.07E+01	0.00E+00	0.00E+00	0.00E+00	-5.84E+02
GD313D	-2.46E-02	-9.05E-01	-2.98E-02	-4.16E-01	0.00E+00	0.00E+00	-5.81E+00	-1.23E-03	-4.15E-04	-4.80E-03	0.00E+00	-4.49E-04	-6.39E-09	-1.59E-07	-1.69E-01	-3.16E+01	0.00E+00	0.00E+00	-3.63E+00	-1.65E-01	-2.45E+01	0.00E+00	2.26E-08	-7.48E-08	-3.23E-03	-1.29E-04	-5.02E+00	0.00E+00	-2.45E+01	-7.05E-05	-2.45E+01	-2.60E+01	-5.02E+00	0.00E+00	0.00E+00	0.00E+00	-2.11E+02
GD313F	-6.06E-02	-1.17E+00	-3.53E-02	-9.51E-01	0.00E+00	0.00E+00	-1.08E+01	-4.00E-03	-1.34E-03	-2.19E-02	0.00E+00	-2.81E-04	-8.74E-09	-4.93E-07	-6.36E-02	-4.45E+01	0.00E+00	0.00E+00	-9.19E+00	-1.22E-01	-1.62E+01	0.00E+00	2.15E-08	-1.29E-07	-7.14E-03	-1.28E-04	-7.40E+00	0.00E+00	-1.62E+01	-1.15E-04	-1.62E+01	-2.20E+01	-7.40E+00	0.00E+00	0.00E+00	0.00E+00	-4.61E+02
GD313G	-4.49E-02	-3.01E+00	-1.63E-01	-2.85E+00	0.00E+00	0.00E+00	-1.54E+01	-3.97E-03	-2.99E-03	-3.66E-02	0.00E+00	-6.95E-04	-1.05E-08	-4.66E-07	-2.71E-01	-6.23E+01	0.00E+00	0.00E+00	-1.16E+01	-3.21E-01	-4.75E+01	0.00E+00	-6.01E-08	-1.74E-07	-1.20E-02	-2.64E-04	-9.90E+00	0.00E+00	-4.75E+01	-1.19E-04	-4.75E+01	-5.74E+01	-9.90E+00	0.00E+00	0.00E+00	0.00E+00	-5.16E+02
GD313H	-2.53E-02	-5.56E-01	-2.88E-02	-6.44E-02	0.00E+00	0.00E+00	-1.32E-01	-1.37E-03	-9.60E-04	-4.68E-03	0.00E+00	-4.60E-04	-7.75E-09	-1.65E-07	-1.41E-01	-3.17E+01	0.00E+00	0.00E+00	5.59E-02	-1.68E-01	-6.68E+00	0.00E+00	6.94E-08	-8.53E-08	-6.93E-04	-1.32E-04	-6.17E+00	0.00E+00	-6.68E+00	-7.76E-05	-6.68E+00	-5.12E+00	-6.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.48E+02
GD313J	-5.17E-02	-1.14E+00	-1.92E-02	-7.22E-01	0.00E+00	0.00E+00	-8.05E+00	-3.58E-03	-1.09E-03	-1.63E-02	0.00E+00	-3.08E-04	-7.55E-09	-4.27E-07	-7.65E-02	-4.01E+01	0.00E+00	0.00E+00	-6.00E+00	-1.25E-01	-1.76E+01	0.00E+00	2.04E-08	-9.94E-08	-5.94E-03	-1.31E-04	-7.28E+00	0.00E+00	-1.76E+01	-1.03E-04	-1.76E+01	-2.17E+01	-7.28E+00	0.00E+00	0.00E+00	0.00E+00	-3.15E+02
GD313M	-5.41E-02	-8.72E-01	-2.31E-02	-5.13E-01	0.00E+00	0.00E+00	-1.05E+01	-3.29E-03	-1.70E-03	-1.27E-02	0.00E+00	-2.18E-04	-9.43E-09	-3.93E-07	-6.25E-02	-3.11E+01	0.00E+00	0.00E+00	-7.85E+00	-1.16E-01	-1.53E+01	0.00E+00	2.16E-08	-1.32E-07	-7.47E-03	-1.09E-04	-6.66E+00	0.00E+00	-1.53E+01	-1.06E-04	-1.53E+01	-1.99E+01	-6.66E+00	0.00E+00	0.00E+00	0.00E+00	-4.28E+02
GD313S	7.16E-03	7.50E-01	2.98E-02	7.20E-01	0.00E+00	0.00E+00	2.94E+00	-1.87E-04	3.92E-03	8.73E-03	0.00E+00	4.92E-19	-4.65E-09	2.27E-08	9.24E-02	1.14E+00	0.00E+00	0.00E+00	2.69E+00	1.88E-18	1.52E+01	0.00E+00	1.50E-07	2.26E-08	1.53E-03	0.00E+00	7.51E-01	0.00E+00	1.52E+01	-3.70E-06	1.52E+01	1.60E+01	7.51E-01	0.00E+00	0.00E+00	0.00E+00	3.69E+01
GD313U	-6.65E-02	-1.07E+00	-4.18E-02	-9.83E-01	0.00E+00	0.00E+00	-1.29E+01	-4.61E-03	-1.91E-03	-2.44E-02	0.00E+00	-2.60E-04	-9.39E-09	-5.15E-07	-4.78E-02	-4.31E+01	0.00E+00	0.00E+00	-1.04E+01	-1.29E-01	-1.56E+01	0.00E+00	3.41E-08	-1.57E-07	-8.72E-03	-8.16E-05	-8.98E+00	0.00E+00	-1.56E+01	-1.22E-04	-1.56E+01	-2.26E+01	-8.98E+00	0.00E+00	0.00E+00	0.00E+00	-4.95E+02
GD318A	-3.98E-02	-2.54E+00	-1.77E-01	-2.36E+00	0.00E+00	0.00E+00	-1.40E+01	-3.74E-03	-2.13E-03	-3.11E-02	0.00E+00	-8.08E-04	-1.12E-08	-4.30E-07	-2.86E-01	-4.31E+01	0.00E+00	0.00E+00	-9.51E+00	-3.73E-01	-4.61E+01	0.00E+00	2.47E-09	-1.42E-07	-1.07E-02	-3.07E-04	-6.90E+00	0.00E+00	-4.61E+01	-1.10E-04	-4.61E+01	-5.30E+01	-6.90E+00	0.00E+00	0.00E+00	0.00E+00	-4.44E+02
GD318B	-1.13E-01	-2.95E+00	-8.54E-02	-2.86E+00	0.00E+00	0.00E+00	-2.11E+01	-6.95E-03	-4.19E-03	-5.23E-02	0.00E+00	-2.74E-04	-1.63E-08	-8.10E-07	-1.33E-01	-7.89E+01	0.00E+00	0.00E+00	-1.89E+01	-1.26E-01	-3.09E+01	0.00E+00	-8.60E-08	-2.44E-07	-1.67E-02	-1.04E-04	-1.25E+01	0.00E+00	-3.09E+01	-2.07E-04	-3.09E+01	-4.34E+01	-1.25E+01	0.00E+00	0.00E+00	0.00E+00	-8.07E+02
GD318M	-3.50E-03	-7.11E-01	-6.21E-02	-1.62E+00	0.00E+00	0.00E+00	-2.15E+00	-4.16E-04	-1.44E-03	-4.67E-03	0.00E+00	-2.58E-04	-2.08E-09	-5.89E-08	-1.03E-01	-5.26E+01	0.00E+00	0.00E+00	-1.89E+00	-1.27E-01	-7.03E+00	0.00E+00	3.01E-08	-5.73E-08	-3.55E-03	-7.11E-05	-8.33E+00	0.00E+00	-7.03E+00	-1.14E-05	-7.03E+00	-1.30E+01	-8.33E+00	0.00E+00	0.00E+00	0.00E+00	-6.50E+01
GD318S	-7.61E-02	-2.80E+00	-1.69E-01	-2.63E+00	0.00E+00	0.00E+00	-1.72E+01	-7.30E-03	-3.85E-03	-4.84E-02	0.00E+00	-8.08E-04	-8.51E-09	-8.49E-07	-2.82E-01	-8.54E+01	0.00E+00	0.00E+00	-1.08E+01	-3.73E-01	-4.44E+01	0.00E+00	-6.46E-09	-1.84E-07	-1.42E-02	-3.07E-04	-1.28E+01	0.00E+00	-4.44E+01	-2.09E-04	-4.44E+01	-5.72E+01	-1.28E+01	0.00E+00	0.00E+00	0.00E+00	-5.18E+02
GD413B	-9.71E-02	-2.84E+00	-8.37E-02	-2.75E+00	0.00E+00	0.00E+00	-1.85E+01	-5.92E-03	-3.71E-03	-4.62E-02	0.00E+00	-2.78E-04	-1.47E-08	-6.90E-07	-1.32E-01	-7.77E+01	0.00E+00	0.00E+00	-1.67E+01	-1.28E-01	-2.99E+01	0.00E+00	-7.98E-08	-2.22E-07	-1.48E-02	-1.06E-04	-1.23E+01	0.00E+00	-2.99E+01	-1.77E-04	-2.99E+01	-4.22E+01	-1.23E+01	0.00E+00	0.00E+00	0.00E+00	-7.13E+02
GD413D	-2.63E-02	-7.14E-01	-5.90E-02	-3.98E-01	0.00E+00	0.00E+00	-9.48E-02	-1.68E-03	-1.04E-03	-6.55E-03	0.00E+00	-5.21E-04	-6.83E-09	-1.84E-07	-1.74E-01	-4.27E+01	0.00E+00	0.00E+00	7.87E-02	-1.93E-01	-6.16E+00	0.00E+00	7.64E-08	-8.70E-08	-1.85E-03	-1.57E-04	-6.86E+00	0.00E+00	-6.16E+00	-8.41E-05	-6.16E+00	-5.13E+00	-6.86E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E+02
GD413F	-5.89E-02	-1.30E+00	-8.07E-02	-1.28E+00	0.00E+00	0.00E+00	-1.06E+01	-4.08E-03	-1.62E-03	-2.23E-02	0.00E+00	-3.15E-04	-9.81E-09	-4.90E-07	-7.71E-02	-5.00E+01	0.00E+00	0.00E+00	-8.90E+00	-1.49E-01	-1.56E+01	0.00E+00	2.83E-08	-1.29E-07	-9.03E-03	-1.36E-04	-7.70E+00	0.00E+00	-1.56E+01	-1.17E-04	-1.56E+01	-2.32E+01	-7.70E+00	0.00E+00	0.00E+00	0.00E+00	-4.50E+02
GD413J	-5.46E-02	-1.26E+00	-7.32E-02	-1.25E+00	0.00E+00	0.00E+00	-1.05E+01	-3.70E-03	-2.05E-03	-1.67E-02	0.00E+00	-3.14E-04	-9.57E-09	-4.30E-07	-1.00E-01	-4.83E+01	0.00E+00	0.00E+00	-8.10E+00	-1.60E-01	-1.58E+01	0.00E+00	2.02E-08	-1.39E-07	-8.98E-03	-1.37E-04	-8.17E+00	0.00E+00	-1.58E+01	-1.12E-04	-1.58E+01	-2.32E+01	-8.17E+00	0.00E+00	0.00E+00	0.00E+00	-4.22E+02
GD413M	-5.53E-02	-1.09E+00	-7.92E-02	-1.28E+00	0.00E+00	0.00E+00	-1.04E+01	-3.45E-03	-1.98E-03	-1.40E-02	0.00E+00	-3.33E-04	-9.60E-09	-4.04E-07	-1.01E-01	-4.59E+01	0.00E+00	0.00E+00	-7.74E+00	-1.68E-01	-1.41E+01	0.00E+00	2.13E-08	-1.38E-07	-9.10E-03	-1.40E-04	-7.82E+00	0.00E+00	-1.41E+01	-1.09E-04	-1.41E+01	-2.10E+01	-7.82E+00	0.00E+00	0.00E+00	0.00E+00	-4.25E+02

GD413U	-6.33E-02	-1.21E+00	-8.80E-02	-1.35E+00	0.00E+00	0.00E+00	-1.23E+01	-4.64E-03	-2.02E-03	-2.28E-02	0.00E+00	-3.84E-04	-8.81E-09	-5.18E-07	-8.29E-02	-5.17E+01	0.00E+00	0.00E+00	-9.93E+00	-1.73E-01	-1.55E+01	0.00E+00	4.06E-08	-1.58E-07	-9.92E-03	-1.04E-04	-9.19E+00	0.00E+00	-1.55E+01	-1.23E-04	-1.55E+01	-2.43E+01	-9.19E+00	0.00E+00	0.00E+00	0.00E+00	-4.77E+02
GD418A	-3.61E-02	1.86E+00	5.16E-02	1.81E+00	0.00E+00	0.00E+00	1.78E-01	-4.67E-03	1.08E-04	-1.82E-03	0.00E+00	9.32E-19	-3.85E-09	-5.23E-07	1.62E-01	-9.12E+00	0.00E+00	0.00E+00	3.08E+00	3.45E-18	3.28E+01	0.00E+00	2.77E-07	2.88E-08	-4.10E-04	0.00E+00	-9.73E-03	0.00E+00	3.28E+01	-1.27E-04	3.28E+01	3.28E+01	-9.73E-03	0.00E+00	0.00E+00	0.00E+00	-8.95E+00
GD418B	-7.01E-02	2.71E+00	5.62E-02	2.65E+00	0.00E+00	0.00E+00	-6.82E+00	-8.36E-03	-7.65E-04	-1.37E-02	0.00E+00	1.12E-18	-8.01E-09	-9.49E-07	1.79E-01	-2.42E+00	0.00E+00	0.00E+00	-1.92E+00	4.17E-18	3.64E+01	0.00E+00	3.16E-07	-8.78E-09	-4.07E-03	0.00E+00	9.73E-01	0.00E+00	3.64E+01	-2.27E-04	3.64E+01	3.74E+01	9.73E-01	0.00E+00	0.00E+00	0.00E+00	-2.40E+02
GD418M	-1.73E-03	-9.06E-01	-2.17E-02	-1.56E+00	0.00E+00	0.00E+00	-2.89E+00	-1.68E-04	-1.39E-03	-4.10E-03	0.00E+00	-1.34E-04	-2.05E-09	-6.49E-08	-3.08E-02	-5.06E+01	0.00E+00	0.00E+00	-2.60E+00	-7.92E-02	-7.34E+00	0.00E+00	1.27E-08	-6.30E-08	-2.72E-03	-5.31E-05	-8.15E+00	0.00E+00	-7.34E+00	-9.34E-06	-7.34E+00	-1.35E+01	-8.15E+00	0.00E+00	0.00E+00	0.00E+00	-9.16E+01
GD418S	-1.25E-01	-3.30E+00	-1.00E-01	-3.20E+00	0.00E+00	0.00E+00	-2.36E+01	-7.66E-03	-4.71E-03	-5.87E-02	0.00E+00	-3.28E-04	-1.90E-08	-8.92E-07	-1.57E-01	-7.89E+01	0.00E+00	0.00E+00	-2.15E+01	-1.51E-01	-3.64E+01	0.00E+00	-9.86E-08	-2.75E-07	-1.89E-02	-1.25E-04	-1.27E+01	0.00E+00	-3.64E+01	-2.30E-04	-3.64E+01	-4.91E+01	-1.27E+01	0.00E+00	0.00E+00	0.00E+00	-9.18E+02
GD418SMB	-3.89E-03	-5.45E-01	1.84E-04	-6.65E-01	0.00E+00	0.00E+00	2.26E+00	-1.78E-04	1.00E-05	-3.49E-03	0.00E+00	-9.34E-05	-3.13E-09	-2.58E-08	2.55E-02	-1.81E+01	0.00E+00	0.00E+00	-1.35E-01	-3.85E-02	-3.95E+00	0.00E+00	3.45E-08	-1.99E-08	-1.75E-03	-2.81E-05	-2.57E+00	0.00E+00	-3.95E+00	-7.13E-06	-3.95E+00	-1.10E+01	-2.57E+00	0.00E+00	0.00E+00	0.00E+00	-2.53E+01
GL24PP	-4.62E-02	-3.44E-01	-5.15E-02	-7.97E-01	0.00E+00	0.00E+00	-8.40E+00	-3.95E-03	-8.25E-04	-1.41E-02	0.00E+00	-3.62E-04	-9.53E-09	-4.10E-07	-8.95E-02	-3.37E+01	0.00E+00	0.00E+00	-5.77E+00	-1.45E-01	-7.68E+00	0.00E+00	3.46E-08	-8.50E-08	-7.35E-03	-1.58E-04	-4.85E+00	0.00E+00	-7.68E+00	-1.10E-04	-7.68E+00	-1.73E+01	-4.85E+00	0.00E+00	0.00E+00	0.00E+00	-3.44E+02
GL24TP	-4.50E-02	-2.04E-01	-3.82E-02	-7.53E-01	0.00E+00	0.00E+00	-8.29E+00	-3.91E-03	-3.68E-04	-1.08E-02	0.00E+00	-3.43E-04	-9.71E-09	-4.18E-07	-4.23E-02	-3.30E+01	0.00E+00	0.00E+00	-5.55E+00	-1.42E-01	-5.70E+00	0.00E+00	4.71E-08	-8.63E-08	-6.85E-03	-1.59E-04	-4.55E+00	0.00E+00	-5.70E+00	-1.09E-04	-5.70E+00	-1.61E+01	-4.55E+00	0.00E+00	0.00E+00	0.00E+00	-3.39E+02
GL42PP	-4.82E-02	-2.04E-01	-9.26E-02	-6.40E-01	0.00E+00	0.00E+00	-7.51E+00	-4.05E-03	-1.36E-04	-1.41E-02	0.00E+00	-4.96E-04	-1.19E-08	-4.57E-07	-1.30E-01	-3.81E+01	0.00E+00	0.00E+00	-3.23E+00	-2.74E-01	-1.05E+01	0.00E+00	1.08E-07	-1.01E-07	-6.21E-03	-2.23E-04	-5.15E+00	0.00E+00	-1.05E+01	-1.11E-04	-1.05E+01	-1.44E+01	-5.15E+00	0.00E+00	0.00E+00	0.00E+00	-3.17E+02
GL42TP	-4.78E-02	-4.86E-01	-6.70E-02	-1.80E+00	0.00E+00	0.00E+00	-7.55E+00	-4.05E-03	-2.78E-05	-1.46E-02	0.00E+00	-4.85E-04	-1.17E-08	-4.56E-07	-4.06E-02	-3.90E+01	0.00E+00	0.00E+00	-3.08E+00	-2.96E-01	-1.71E+01	0.00E+00	1.17E-07	-1.02E-07	-6.85E-03	-2.72E-04	-7.03E+00	0.00E+00	-1.71E+01	-1.12E-04	-1.71E+01	-2.07E+01	-7.03E+00	0.00E+00	0.00E+00	0.00E+00	-3.03E+02
GP102P	-3.03E-05	-3.51E-02	-8.63E-05	-3.50E-02	0.00E+00	0.00E+00	-1.58E-02	-1.33E-07	-7.62E-06	-9.60E-05	0.00E+00	0.00E+00	-8.42E-12	-7.86E-11	-2.15E-04	-2.37E+00	0.00E+00	0.00E+00	-1.95E-02	0.00E+00	-6.32E-02	0.00E+00	-4.90E-10	-1.30E-09	-2.46E-05	0.00E+00	-3.46E-01	0.00E+00	-6.32E-02	-4.82E-10	-6.32E-02	-4.09E-01	-3.46E-01	0.00E+00	0.00E+00	0.00E+00	-6.82E-01
GP104T	1.55E-04	-9.16E-02	-2.87E-03	-7.17E-02	0.00E+00	0.00E+00	-5.43E-01	-9.36E-06	6.12E-05	-2.24E-04	0.00E+00	-3.55E-06	-7.59E-11	-4.21E-09	-1.35E-02	-4.05E+00	0.00E+00	0.00E+00	-2.25E-03	-3.53E-03	-2.30E+00	0.00E+00	9.22E-09	-7.03E-09	-1.45E-04	-3.66E-06	-6.11E-01	0.00E+00	-2.30E+00	-3.73E-07	-2.30E+00	-3.00E+00	-6.11E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+01
GP108T	6.27E-04	-9.86E-02	-1.46E-03	-6.96E-02	0.00E+00	0.00E+00	-5.21E-01	-8.74E-06	6.08E-05	-2.47E-04	0.00E+00	-4.61E-06	-4.96E-11	-4.26E-09	-1.27E-02	-1.90E+00	0.00E+00	0.00E+00	4.62E-03	-3.51E-03	-2.07E+00	0.00E+00	9.26E-09	-6.93E-09	-1.25E-04	-2.75E-06	-5.08E-01	0.00E+00	-2.07E+00	-5.67E-07	-2.07E+00	-2.87E+00	-5.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+01
GP110T	6.42E-04	-9.86E-02	-1.24E-03	-6.60E-02	0.00E+00	0.00E+00	-4.96E-01	2.34E-07	6.11E-05	-2.36E-04	0.00E+00	-4.61E-06	-1.35E-11	-3.08E-09	-1.27E-02	-1.73E+00	0.00E+00	0.00E+00	1.76E-02	-3.64E-03	-1.95E+00	0.00E+00	9.26E-09	-6.93E-09	-1.20E-04	-2.73E-06	-6.59E-01	0.00E+00	-1.95E+00	-2.81E-08	-1.95E+00	-2.85E+00	-6.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
GP111T	-6.95E-04	-1.27E-01	-9.29E-04	-8.82E-02	0.00E+00	0.00E+00	-4.55E-01	-1.68E-05	5.05E-04	4.85E-04	0.00E+00	-1.93E-05	-2.94E-10	-1.31E-08	-4.87E-02	-2.59E+01	0.00E+00	0.00E+00	1.51E-01	-2.11E-02	-6.26E-01	0.00E+00	1.45E-08	-9.48E-09	5.09E-04	-8.77E-06	-4.11E+00	0.00E+00	-6.26E-01	8.45E-07	-6.26E-01	-2.62E+00	-4.11E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+01
GP112PN	-1.02E-03	-7.73E-01	-2.86E-02	-7.45E-01	0.00E+00	0.00E+00	-8.77E-01	-2.28E-06	-2.27E-04	-2.67E-03	0.00E+00	-1.30E-04	-1.41E-10	-1.81E-09	-4.96E-02	-3.66E+01	0.00E+00	0.00E+00	-2.57E-01	-6.00E-02	-7.76E+00	0.00E+00	-7.77E-09	-2.36E-08	-8.04E-04	-4.95E-05	-5.39E+00	0.00E+00	-7.76E+00	-1.71E-08	-7.76E+00	-1.31E+01	-5.39E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E+01
GP112TN	-1.25E-03	-2.03E-01	-2.21E-03	-2.15E-01	0.00E+00	0.00E+00	-4.13E-01	-3.19E-05	4.32E-05	-7.04E-04	0.00E+00	-7.36E-05	-6.10E-10	-6.63E-09	-2.45E-02	-2.83E+01	0.00E+00	0.00E+00	-3.12E-02	-4.04E-02	-1.82E+00	0.00E+00	6.21E-09	-9.90E-09	-2.39E-04	-3.03E-05	-4.74E+00	0.00E+00	-1.82E+00	-6.58E-07	-1.82E+00	-4.90E+00	-4.74E+00	0.00E+00	0.00E+00	0.00E+00	-1.30E+01
GP113P	1.86E-03	3.37E-01	5.96E-03	3.31E-01	0.00E+00	0.00E+00	9.84E-01	4.27E-06	3.24E-04	3.66E-03	0.00E+00	8.95E-20	1.29E-10	2.30E-09	1.65E-02	6.02E-01	0.00E+00	0.00E+00	1.46E+00	3.42E-19	5.26E+00	0.00E+00	4.16E-08	2.02E-08	1.14E-03	0.00E+00	2.68E-01	0.00E+00	5.26E+00	2.67E-06	5.26E+00	5.53E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.31E+01
GP113T	7.01E-04	-1.00E-01	1.63E-07	-6.04E-02	0.00E+00	0.00E+00	-3.92E-01	-7.96E-06	7.74E-05	-7.96E-05	0.00E+00	-4.29E-06	-1.08E-10	-7.78E-09	-1.20E-02	-4.22E+00	0.00E+00	0.00E+00	6.40E-02	-6.93E-03	-1.06E+00	0.00E+00	1.10E-08	-6.46E-09	-5.88E-05	-4.33E-06	-3.97E+00	0.00E+00	-1.06E+00	2.28E-07	-1.06E+00	-2.87E+00	-3.97E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
GP213P	-5.97E-04	-6.92E-01	-1.70E-03	-6.90E-01	0.00E+00	0.00E+00	-3.11E-01	-2.61E-06	-1.50E-04	-1.89E-03	0.00E+00	0.00E+00	-1.66E-10	-1.55E-09	-4.24E-03	-4.66E+01	0.00E+00	0.00E+00	-3.85E-01	0.00E+00	-1.24E+00	0.00E+00	-9.65E-09	-2.55E-08	-4.84E-04	0.00E+00	-6.81E+00	0.00E+00	-1.24E+00	-9.50E-09	-1.24E+00	-8.06E+00	-6.81E+00	0.00E+00	0.00E+00	0.00E+00	-1.34E+01
GP213T	6.06E-04	-1.05E-01	-2.14E-05	-7.21E-02	0.00E+00	0.00E+00	-4.29E-01	-2.49E-06	7.86E-05	7.72E-06	0.00E+00	-4.62E-06	-8.27E-11	-6.71E-09	-9.56E-03	-4.61E+00	0.00E+00	0.00E+00	4.16E-02	-7.55E-03	-9.82E-01	0.00E+00	1.74E-08	-6.12E-09	-8.19E-06	-4.33E-06	-3.95E+00	0.00E+00	-9.82E-01	8.10E-07	-9.82E-01	-2.79E+00	-3.95E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+01
GP218P	4.02E-03	7.27E-01	1.29E-02	7.14E-01	0.00E+00	0.00E+00	2.12E+00	9.22E-06	6.99E-04	7.93E-03	0.00E+00	1.93E-19	2.78E-10	4.96E-09	3.57E-02	1.30E+00	0.00E+00	0.00E+00	3.14E+00	7.39E-19	1.14E+01	0.00E+00	8.98E-08	4.37E-08	2.47E-03	0.00E+00	5.79E-01	0.00E+00	1.14E+01	5.77E-06	1.14E+01	1.19E+01	5.79E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
GP218T	2.33E-03	-1.74E-02	9.39E-04	1.50E-02	0.00E+00	0.00E+00	-2.46E-01	7.33E-06	1.05E-04	2.88E-03	0.00E+00	-4.98E-06	9.96E-11	-5.12E-09	-6.44E-03	-6.69E+00	0.00E+00	0.00E+00	4.11E-01	-1.28E-02	3.72E-01	0.00E+00	3.52E-08	-6.12E-09	1.63E-04	-3.51E-06	-1.40E+00	0.00E+00	3.72E-01	1.94E-06	3.72E-01	-4.81E-02	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	-2.66E+00
GP313P	3.44E-03	6.22E-01	1.10E-02	6.11E-01	0.00E+00	0.00E+00	1.82E+00	7.89E-06	5.98E-04	6.79E-03	0.00E+00	1.65E-19	2.38E-10	4.25E-09	3.05E-02	1.11E+00	0.00E+00	0.00E+00	2.69E+00	6.32E-19	9.72E+00	0.00E+00	7.69E-08	3.74E-08	2.11E-03	0.00E+00	4.95E-01	0.00E+00	9.72E+00	4.94E-06	9.72E+00	1.02E+01	4.95E-01	0.00E+00	0.00E+00	0.00E+00	9.80E+01
GP313T	1.67E-03	5.12E-03	1.65E-03	-7.94E-03	0.00E+00	0.00E+00	-3.01E-01	3.28E-06	9.06E-05	1.29E-03	0.00E+00	-6.02E-06	1.13E-10	-6.59E-09	-7.34E-03	-5.23E+00	0.00E+00	0.00E+00	4.07E-01	-6.84E-03	5.61E-01	0.00E+00	3.15E-08	-4.77E-09	1.40E-04	-4.60E-06	-2.06E+00	0.00E+00	5.61E-01	1.69E-06	5.61E-01	-1.28E-01	-2.06E+00	0.00E+00	0.00E+00	0.00E+00	-3.12E+00
GP318T	3.11E-03	2.38E-01	2.18E-03	-5.36E-02	0.00E+00	0.00E+00	-1.19E-01	-3.52E-06	1.67E-04	4.55E-03	0.00E+00	-4.08E-06	4.71E-11	-6.51E-09	-5.21E-03	-3.87E+01	0.00E+00	0.00E+00	1.02E+00	-1.34E-02	1.41E+00	0.00E+00	3.83E-08	-3.57E-10	3.75E-04	-4.20E-06	-4.08E+00	0.00E+00	1.41E+00	2.18E-06	1.41E+00	-9.00E-01	-4.08E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+01
GP413P	4.76E-03	8.62E-01	1.53E-02	8.47E-01	0.00E+00	0.00E+00	2.52E+00	1.09E-05	8.28E-04	9.40E-03	0.00E+00	2.29E-19	3.30E-10	5.89E-09	4.23E-02	1.54E+00	0.00E+00	0.00E+00	3.72E+00	8.76E-19	1.35E+01	0.00E+00	1.06E-07	5.18E-08	2.92E-03	0.00E+00	6.86E-01	0.00E+00	1.35E+01	6.84E-06	1.35E+01	1.41E+01	6.86E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
GP418P	7.09E-03	1.28E+00	2.27E-02	1.26E+00	0.00E+00	0.00E+00	3.75E+00	1.63E-05	1.23E-03	1.40E-02	0.00E+00	3.41E-19	4.91E-10	8.77E-09	6.30E-02	2.29E+00	0.00E+00	0.00E+00	5.54E+00	1.30E-18	2.00E+01	0.00E+00	1.59E-07	7.71E-08	4.35E-03	0.00E+00	1.02E+00	0.00E+00	2.00E+01	1.02E-05	2.00E+01	2.11E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+02
GP418PM	3.89E-03	-2.13E-02	3.58E-03	8.82E-02	0.00E+00	0.00E+00	-1.35E-01	5.44E-06	2.32E-04	5.47E-03	0.00E+00	-6.45E-06	-9.46E-11	-5.21E-09	-1.31E-02	-1.36E+02	0.00E+00	0.00E+00	9.12E-01	-1.53E-02	2.89E+00	0.00E+00	5.32E-08	1.36E-09	9.22E-04	-5.13E-06	-1.45E+01	0.00E+00	2.89E+00	3.33E-06	2.89E+00	-1.79E+00	-1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.85E+01
GP418T	3.91E-03	-4.58E-02	2.85E-03	-5.40E-02	0.00E+00	0.00E+00	-1.35E-01	4.81E-06	2.35E-04	5.16E-03	0.00E+00	-6.43E-06	-1.39E-10	-5.34E-09	-1.19E-02	-1.36E+02	0.00E+00	0.00E+00	8.54E-01	-1.65E-02	2.77E+00	0.00E+00	5.17E-08	4.98E-10	7.33E-04	-4.12E-06	-1.44E+01	0.00E+00	2.77E+00	3.38E-06	2.77E+00	-1.86E+00	-1.44E+01	0.00E+00	0.00E+00	0.00E+00	1.83E+01
GR013CN	-2.28E-03	-3.00E-01	-1.03E-02	-6.82E-02	0.00E+00	0.00E+00	-6.77E-01	-2.80E-04	7.09E-05	-7.61E-04	0.00E+00	-8.63E-05	-1.09E-09	-4.97E-08	-1.45E-02	-8.49E+00	0.00E+00	0.00E+00	-3.46E-02	-3.75E-02	-3.43E+00	0.00E+00	1.27E-08	-1.02E-08	-2.31E-04	-2.83E-05	-9.38E-01	0.00E+00	-3.43E+00	-1.14E-05	-3.43E+00	-6.13E+00	-9.38E-01	0.00E+00	0.00E+00	0.00E+00	-2.00E+01
GR118AN	-2.57E-03	-3.05E-01	-9.02E-03	-6.64E-02	0.00E+00	0.00E+00	-6.74E-01	-2.96E-04	7.25E-05	-4.49E-04	0.00E+00	-9.05E-05	-1.05E-09	-4.82E-08	-1.49E-02	-9.71E+00	0.00E+00	0.00E+00	-1.05E-02	-3.79E-02	-4.88E+00	0.00E+00	1.55E-08	-9.92E-09	-2.16E-04	-3.06E-05	-1.03E+00	0.00E+00	-4.88E+00	-1.26E-05	-4.88E+00	-7.08E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
GR218AN	-2.66E-03	-2.98E-01	-1.02E-02	-3.45E-02	0.00E+00	0.00E+00	-7.86E-01	-2.97E-04	6.13E-05	-5.09E-04	0.00E+00	-9.15E-05	-8.60E-10	-4.94E-08	-1.59E-02	-1.04E+01	0.00E+00	0.00E+00	-6.06E-02	-4.40E-02	-4.16E+00	0.00E+00	1.59E-08	-9.92E-09	-2.35E-04	-3.24E-05	-1.18E+00	0.00E+00	-4.16E+00	-1.17E-05	-4.16E+00	-6.35E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-1.95E+01
GR318AN	-2.49E-03	-2.85E-01	-9.50E-03	-3.52E-02	0.00E+00	0.00E+00	-6.48E-01	-2.95E-04	6.05E-05	-3.01E-04	0.00E+00	-8.36E-05	-1.04E-09	-4.76E-08	-1.53E-02	-1.03E+01	0.00E+00	0.00E+00	-6.06E-02	-3.78E-02	-3.96E+00	0.00E+00	1.68E-08	-9.92E-09	-2.35E-04	-2.87E-05	-1.05E+00	0.00E+00	-3.96E+00	-1.17E-05	-3.96E+00	-6.24E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-1.96E+01
GR413AN	-2.40E-03	-3.09E-01	-1.08E-02	-6.45E-02	0.00E+00	0.00E+00	-6.74E-01	-2.72E-04	6.82E-05	-7.71E-04	0.00E+00	-9.05E-05	-8.37E-10	-4.98E-08	-1.41E-02	-9.70E+00	0.00E+00	0.00E+00	-1.17E-02	-4.23E-02	-3.51E+00	0.00E+00	1.67E-08	-1.01E-08	-2.40E-04	-2.82E-05	-8.58E-01	0.00E+00	-3.51E+00	-1.22E-05	-3.51E+00	-6.31E+00	-8.58E-01	0.00E+00	0.00E+00	0.00E+00	-1.87E+01
GR418AN	-2.54E-03	-2.95E-01	-9.50E-03	-3.39E-02	0.00E+00	0.00E+00	-6.26E-01	-2.95E-04	5.86E-05	-3.76E-04	0.00E+00	-8.35E-05	-1.02E-09	-4.76E-08	-1.54E-02	-1.05E+01	0.00E+00	0.00E+00	-6.06E-02	-3.83E-02	-3.99E+00	0.00E+00	1.68E-08	-9.92E-09	-2.35E-04	-2.87E-05	-1.05E+00	0.00E+00	-3.99E+00	-1.17E-05	-3.99E+00	-6.40E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-1.95E+01
GR71AN	1.67E-04	-1.95E-01	-7.89E-03	-5.41E-02	0.00E+00	0.00E+00	-1.38E-01	-2.03E-04	6.30E-05	-3.34E-04	0.00E+00	-3.69E-05	-2.60E-11	-2.04E-08	-1.28E-02	-4.83E-01	0.00E+00	0.00E+00	-7.59E-02	-1.93E-02	-3.40E+00	0.00E+00	1.14E-08	-8.28E-09	-1.57E-04	-1.41E-05	-1.13E-01	0.00E+00	-3.40E+00	-8.97E-06	-3.40E+00	-4.03E+00	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
GR72AN	5.49E-04	-8.56E-02	-4.72E-03	-6.69E-02	0.00E+00	0.00E+00	-9.10E-02	-3.79E-07	4.98E-05	1.05E-04	0.00E+00	-2.49E-05	-2.43E-11	-2.79E-09	-1.42E-02	-7.68E-01	0.00E+00	0.00E+00	-3.73E-02	-1.11E-02	-2.37E+00	0.00E+00	1.11E-08	-7.08E-09	-1.43E-04	-8.01E-06	-2.68E-01	0.00E+00	-2.37E+00	-3.02E-07	-2.37E+00	-3.17E+00	-2.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
GS118D	-5.68E-03	-2.48E-01	-9.39E-03	-9.34E-02	0.00E+00	0.00E+00	-1.47E+00	-2.02E-03	4.45E-04	-2.92E-03	0.00E+00	-1.16E-04	-3.39E-09	-4.20E-08	-1.04E-02	-4.50E+00	0.00E+00	0.00E+00	-1.52E+00	-5.92E-02	-3.95E+00	0.00E+00	9.51E-09	-3.64E-08	-1.97E-03	-2.78E-05	-2.24E+00	0.00E+00	-3.95E+00	-4.75E-05	-3.95E+00	-5.63E+00	-2.24E+00	0.00E+00	0.00E+00	0.00E+00	-6.40E+01
GS213D	-5.69E-03	-2.17E-01	-1.25E-02	-1.56E-01	0.00E+00	0.00E+00	-1.58E+00	-1.99E-03	4.21E-04	-3.52E-03	0.00E+00	-1.59E-04	-3.75E-09	-3.66E-08	-1.59E-02	-9.41E+00	0.00E+00	0.00E+00	-1.47E+00	-7.98E-02	-4.72E+00	0.00E+00	1.00E-08	-3.71E-08	-2.09E-03	-6.07E-05	-2.18E+00	0.00E+00	-4.72E+00	-4.66E-05	-4.72E+00	-7.38E+00	-2.18E+00	0.00E+00	0.00E+00	0.00E+00	-6.74E+01
GS218D	-5.69E-03	-2.49E-01	-9.67E-03	-9.29E-02	0.00E+00	0.00E+00	-1.48E+00	-2.01E-03	4.52E-04	-3.03E-03	0.00E+00	-1.24E-04	-3.50E-09	-4.43E-08	-8.04E-03	-4.58E+00	0.00E+00	0.00E+00	-1.52E+00	-6.05E-02	-3.95E+00	0.00E+00	1.55E-08	-3.71E-08	-1.97E-03	-2.78E-05	-2.37E+00	0.00E+00	-3.95E+00	-4.83E-05	-3.95E+00	-5.67E+00	-2.37E+00	0.00E+00	0.00E+00	0.00E+00	-6.40E+01
GS318D	-5.68E-03	-2.58E-01	-9.48E-03	-1.09E-01	0.00E+00	0.00E+00	-1.38E+00	-2.02E-03	4.39E-04	-3.13E-03	0.00E+00	-1.17E-04	-3.50E-09	-4.43E-08	-8.01E-03	-5.30E+00	0.00E+00	0.00E+00	-1.52E+00	-5.97E-02	-3.84E+00	0.00E+00	1.54E-08	-3.71E-08	-2.01E-03	-2.78E-05	-2.42E+00	0.00E+00	-3.84E+00	-4.83E-05	-3.84E+00	-5.62E+00	-2.42E+00	0.00E+00	0.00E+00	0.00E+00	-6.40E+01
GS418D	-5.68E-03	-2.58E-01	-9.40E-03	-1.09E-01	0.00E+00	0.00E+00	-1.17E+00	-2.02E-03	4.40E-04	-3.24E-03	0.00E+00	-1.17E-04	-3.50E-09	-4.40E-08	-8.01E-03	-5.82E+00	0.00E+00	0.00E+00	-1.52E+00	-5.96E-02	-3.47E+00	0.00E+00	1.55E-08	-3.71E-08	-2.01E-03	-2.76E-05	-2.42E+00	0.00E+00	-3.47E+00	-4.83E-05	-3.47E+00	-5.46E+00	-2.42E+00	0.00E+00	0.00E+00	0.00E+00	-6.40E+01
GZ07E	-5.72E-04	-1.11E-01	-1.63E-02	-8.16E-02	0.00E+00	0.00E+00	-1.03E-01	-4.70E-05	5.19E-05	-2.89E-04	0.00E+00	-8.40E-05	-1.14E-11	-1.24E-08	-1.86E-02	-6.24E+00	0.00E+00	0.00E+00	2.45E-03	-4.63E-02	-3.50E+00	0.00E+00	8.99E-09	-7.17E-09	-1.57E-04	-2.63E-05	-6.35E-01	0.00E+00	-3.50E+00	-2.13E-06	-3.50E+00	-3.89E+00	-6.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
GZ08A	-5.53E-05	-1.23E-01	-4.48E-03	-6.70E-02	0.00E+00	0.00E+00	-1.09E-01	-2.23E-05	5.14E-05	-2.70E-04	0.00E+00	-3.40E-05	-5.10E-11	-9.64E-09	-1.86E-02	-2.00E+00	0.00E+00	0.00E+00	-5.51E-02	-1.68E-02	-2.56E+00	0.00E+00	6.87E-09	-8.33E-09	-1.90E-04	-1.26E-05	-4.99E-01	0.00E+00	-2.56E+00	-2.18E-06	-2.56E+00	-3.75E+00	-4.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+01
GZ213S	2.02E-04	-4.33E-01	-2.85E-03	-7.25E-01	0.00E+00	0.00E+00	8.17E-01	-7.74E-05	-2.37E-04	-1.89E-03	0.00E+00	-5.70E-05	-4.97E-10	-6.49E-09	-1.20E-03	-1.20E+01	0.00E+00	0.00E+00	-3.95E-01	-3.53E-02	-2.61E+00	0.00E+00	4.03E-08	-3.60E-09	9.54E-05	-2.47E-05	-2.37E+00	0.00E+00	-2.61E+00	-3.09E-06	-2.61E+00	-6.16E+00	-2.37E+00	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
GZ30A	-5.32E-03	-1.61E-01	-1.11E-02	-1.39E-01	0.00E+00	0.00E+00	-1.21E+00	-2.02E-03	4.41E-04	-3.54E-03	0.00E+00	-1.33E-04	-3.94E-09	-3.61E-08	-1.66E-02	-5.28E+00	0.00E+00	0.00E+00	-1.43E+00	-6.83E-02	-4.86E+00	0.00E+00	1.09E-08	-3.64E-08	-2.20E-03	-5.37E-05	-1.86E+00	0.00E+00	-4.86E+00	-4.74E-05	-4.86E+00	-6.61E+00	-1.86E+00	0.00E+00	0.00E+00	0.00E+00	-6.80E+01
GZ30S	-5.16E-03	-1.67E-01	-1.12E-02	-1.44E-01	0.00E+00	0.00E+00	-1.20E+00	-2.00E-03	4.38E-04	-3.57E-03	0.00E+00	-1.37E-04	-3.78E-09	-3.53E-08	-1.70E-02	-5.49E+00	0.00E+00	0.00E+00	-1.15E+00	-7.10E-02	-4.58E+00	0.00E+00	1.07E-08	-3.54E-08	-2.15E-03	-5.43E-05	-1.94E+00	0.00E+00	-4.58E+00	-4.82E-05	-4.58E+00	-6.84E+00	-1.94E+00	0.00E+00	0.00E+00	0.00E+00	-6.61E+01
GZ33A	2.17E-04	-1.18E-01	-3.16E-03	-7.12E-02	0.00E+00	0.00E+00	-1.07E-01	-1.88E-05	6.06E-05	-2.70E-04	0.00E+00	-2.05E-05	-1.85E-11	-9.78E-09	-1.33E-02	-2.11E+00	0.00E+00	0.00E+00	-6.53E-03	-2.01E-02	-2.70E+00	0.00E+00	1.03E-08	-7.36E-09	-1.49E-04	-2.26E-05	-3.66E-01	0.00E+00	-2.70E+00	-1.81E-06	-2.70E+00	-3.59E+00	-3.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
GZ40S	8.01E-04	-6.78E-02	-2.47E-03	-6.32E-02	0.00E+00	0.00E+00	3.01E-02	-4.20E-05	7.44E-05	-2.59E-04	0.00E+00	-6.00E-06	1.21E-11	-9.06E-09	-1.43E-02	-1.89E+00	0.00E+00	0.00E+00	1.63E-01	-1.41E-02	-1.63E+00	0.00E+00	1.37E-08	-6.63E-09	-1.33E-04	-6.95E-06	-7.34E-01	0.00E+00	-1.63E+00	-1.46E-06	-1.63E+00	-2.76E+00	-7.34E-01	0.00E+00	0.00E+00	0.00E+00	-7.22E+00
GZ413S	2.39E-04	-4.33E-01	-2.85E-03	-7.26E-01	0.00E+00	0.00E+00	9.64E-01	-7.82E-05	-2.49E-04	-1.83E-03	0.00E+00	-5.79E-05	-4.75E-10	-6.16E-09	3.18E-03	-1.24E+01	0.00E+00	0.00E+00	-3.98E-01	-3.53E-02	-2.82E+00	0.00E+00	4.02E-08	-3.36E-09	9.54E-05	-2.47E-05	-2.39E+00	0.00E+00	-2.82E+00	-3.10E-06	-2.82E+00	-5.99E+00	-2.39E+00	0.00E+00	0.00E+00	0.00E+00	-2.01E+01
GZ44F	1.03E-06	-1.09E-01	-4.66E-03	-6.01E-02	0.00E+00	0.00E+00	-1.05E-01	-2.04E-05	5.56E-05	-1.18E-04	0.00E+00	-2.01E-05	-2.28E-11	-9.90E-09	-1.37E-02	-9.25E-01	0.00E+00	0.00E+00	-2.70E-02	-1.34E-02	-2.51E+00	0.00E+00	9.22E-09	-7.91E-09	-1.53E-04	-9.79E-06	-1.87E-01	0.00E+00	-2.51E+00	-2.72E-06	-2.51E+00	-3.47E+00	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
GZ45F	-2.71E-04	-1.30E-01	-6.35E-03	-7.44E-02	0.00E+00	0.00E+00	-1.04E-01	-3.39E-04	6.07E-05	-1.58E-04	0.00E+00	-3.81E-05	-7.68E-10	-1.35E-08	-1.48E-02	-6.81E-01	0.00E+00	0.00E+00	-6.20E-02	-2.60E-02	-2.58E+00	0.00E+00	9.40E-09	-1.01E-08	-1.80E-04	-1.77E-05	-1.82E-01	0.00E+00	-2.58E+00	-6.95E-06	-2.58E+00	-3.55E+00	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
JB253N	-1.30E-03	-3.16E-01	-1.07E-02	-4.11E-01	0.00E+00	0.00E+00	-4.39E+00	-2.32E-04	5.26E-05	-8.47E-04	0.00E+00	-3.73E-04	-8.38E-10	-1.98E-08	-1.52E-01	-8.11E+00	0.00E+00	0.00E+00	3.23E-01	-1.26E-01	-1.82E+01	0.00E+00	2.26E-08	-9.06E-09	-6.84E-04	-2.99E-05	-1.23E+00	0.00E+00	-1.82E+01	-1.18E-05	-1.82E+01	-1.83E+01	-1.23E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E+01
JC113	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
JK113	-6.82E-03	-7.75E-01	-1.67E-02	-1.60E+00	0.00E+00	0.00E+00	-1.60E+00	-7.74E-04	-1.25E-03	-3.28E-02	0.00E+00	-7.49E-05	-4.65E-09	-1.05E-07	-7.30E-02	-5.40E+00	0.00E+00	0.00E+00	-7.96E+00	-5.57E-02	-1.22E+01	0.00E+00	-5.79E-08	-2.10E-07	-9.00E-03	-3.36E-05	-1.22E+00	0.00E+00	-1.22E+01	-1.13E-05	-1.22E+01	-7.15E+00	-1.22E+00	0.00E+00	0.00E+00	0.00E+00	-3.37E+02
JK113B13	-4.26E-03	-5.76E-01	-8.12E-03	-7.56E-01	0.00E+00	0.00E+00	-2.45E-01	-1.51E-04	-4.98E-04	-2.36E-03	0.00E+00	-5.28E-05	-1.65E-09	-1.82E-08	8.93E-05	-1.36E+01	0.00E+00	0.00E+00	-5.96E-01	-4.16E-02	-9.65E+00	0.00E+00	1.30E-08	-1.92E-08	-7.02E-04	-2.37E-05	-1.41E+00	0.00E+00	-9.65E+00	-4.61E-06	-9.65E+00	-1.37E+01	-1.41E+00	0.00E+00	0.00E+00	0.00E+00	-3.06E+01
JK113B20	-2.85E-03	-3.55E-01	-4.00E-03	-5.68E-01	0.00E+00	0.00E+00	-3.04E-01	-1.65E-04	-3.48E-04	-8.71E-04	0.00E+00	-4.60E-05	-1.52E-09	-1.78E-08	-2.20E-02	-1.34E+01	0.00E+00	0.00E+00	-4.59E-01	-4.18E-02	-8.47E+00	0.00E+00	2.84E-08	-1.19E-08	-2.13E-04	-2.29E-05	-1.06E+00	0.00E+00	-8.47E+00	-4.75E-06	-8.47E+00	-8.98E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-3.06E+01
JK113B26	-2.59E-03	-3.54E-01	-4.45E-03	-5.57E-01	0.00E+00	0.00E+00	-5.74E-01	-1.64E-04	-3.73E-04	-8.71E-04	0.00E+00	-4.87E-05	-1.53E-09	-1.78E-08	-2.55E-02	-1.33E+01	0.00E+00	0.00E+00	-5.75E-01	-4.25E-02	-8.29E+00	0.00E+00	2.04E-08	-1.25E-08	-2.58E-04	-2.32E-05	-1.06E+00	0.00E+00	-8.29E+00	-5.43E-06	-8.29E+00	-8.85E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-3.06E+01
JK213	-1.77E-05	-1.70E-02	-2.18E-04	-1.68E-02	0.00E+00	0.00E+00	-8.48E-03	-9.11E-08	-3.98E-06	-5.05E-05	0.00E+00	0.00E+00	-4.02E-12	-3.98E-11	-3.50E-04	-1.07E+00	0.00E+00	0.00E+00	-1.92E-02	0.00E+00	-6.53E-02	0.00E+00	-4.14E-10	-6.26E-10	-1.28E-05	0.00E+00	-1.59E-01	0.00E+00	-6.53E-02	-2.98E-10	-6.53E-02	-2.24E-01	-1.59E-01	0.00E+00	0.00E+00	0.00E+00	-4.16E-01
JK213D	3.51E-04	2.11E-01	-4.41E-04	2.11E-01	0.00E+00	0.00E+00	-1.41E+00	-5.56E-07	1.42E-04	1.81E-03	0.00E+00	-1.36E-04	2.56E-11	-1.30E-10	-2.39E-02	-1.90E+00	0.00E+00	0.00E+00	2.03E-01	-4.85E-02	-2.11E+00	0.00E+00	1.07E-08	2.13E-09	3.47E-04	-3.19E-05	-3.03E-01	0.00E+00	-2.11E+00	1.47E-07	-2.11E+00	-2.41E+00	-3.03E-01	0.00E+00	0.00E+00	0.00E+00	3.85E+00
JS013	-1.77E-05	-1.70E-02	-2.18E-04	-1.68E-02	0.00E+00	0.00E+00	-8.48E-03	-9.11E-08	-3.98E-06	-5.05E-05	0.00E+00	0.00E+00	-4.02E-12	-3.98E-11	-3.50E-04	-1.07E+00	0.00E+00	0.00E+00	-1.92E-02	0.00E+00	-6.53E-02	0.00E+00	-4.14E-10	-6.26E-10	-1.28E-05	0.00E+00	-1.59E-01	0.00E+00	-6.53E-02	-2.98E-10	-6.53E-02	-2.24E-01	-1.59E-01	0.00E+00	0.00E+00	0.00E+00	-4.16E-01
JS013C	-1.77E-05	-1.70E-02	-2.18E-04	-1.68E-02	0.00E+00	0.00E+00	-8.48E-03	-9.11E-08	-3.98E-06	-5.05E-05	0.00E+00	0.00E+00	-4.02E-12	-3.98E-11	-3.50E-04	-1.07E+00	0.00E+00	0.00E+00	-1.92E-02	0.00E+00	-6.53E-02	0.00E+00	-4.14E-10	-6.26E-10	-1.28E-05	0.00E+00	-1.59E-01	0.00E+00	-6.53E-02	-2.98E-10	-6.53E-02	-2.24E-01	-1.59E-01	0.00E+00	0.00E+00	0.00E+00	-4.16E-01
JZ103	-3.75E-04	-1.53E-01	-2.96E-03	-1.50E-01	0.00E+00	0.00E+00	-1.63E+00	-5.62E-07	-9.61E-05	-1.01E-03	0.00E+00	-1.36E-04	-3.65E-11	-8.29E-10	-2.82E-02	-2.07E+00	0.00E+00	0.00E+00	-2.41E-02	-4.85E-02	-3.18E+00	0.00E+00	-5.49E-10	-3.32E-09	-3.03E-04	-3.19E-05	-3.65E-01	0.00E+00	-3.18E+00	-1.68E-08	-3.18E+00	-3.55E+00	-3.65E-01	0.00E+00	0.00E+00	0.00E+00	-3.22E+00
JZ104	2.15E-04	4.74E-02	1.34E-03	4.60E-02	0.00E+00	0.00E+00	2.47E-01	5.27E-07	4.49E-05	5.09E-04	0.00E+00	2.07E-20	4.37E-11	5.55E-10	3.96E-03	9.24E-02	0.00E+00	0.00E+00	2.49E-01	7.67E-20	7.59E-01	0.00E+00	6.22E-09	2.35E-09	1.43E-04	0.00E+00	4.85E-02	0.00E+00	7.59E-01	2.20E-07	7.59E-01	8.07E-01	4.85E-02	0.00E+00	0.00E+00	0.00E+00	7.25E+00
JZ131	3.18E-04	9.86E-02	1.53E-03	9.71E-02	0.00E+00	0.00E+00	2.05E-01	3.93E-07	8.00E-05	9.30E-04	0.00E+00	2.72E-20	4.04E-11	4.96E-10	4.72E-03	1.11E-01	0.00E+00	0.00E+00	2.49E-01	1.03E-19	9.17E-01	0.00E+00	7.91E-09	3.09E-09	2.40E-04	0.00E+00	5.24E-02	0.00E+00	9.17E-01	2.53E-07	9.17E-01	9.70E-01	5.24E-02	0.00E+00	0.00E+00	0.00E+00	6.72E+00
JZ132	-1.14E-03	-5.82E-01	-5.23E-02	-5.30E-01	0.00E+00	0.00E+00	-1.25E+00	-6.55E-07	-2.38E-04	-2.64E-03	0.00E+00	-2.50E-04	1.12E-10	-1.27E-09	-9.01E-02	-9.83E+00	0.00E+00	0.00E+00	3.31E-01	-1.16E-01	-1.33E+01	0.00E+00	-2.59E-09	-1.17E-08	-9.04E-04	-9.52E-05	-1.48E+00	0.00E+00	-1.33E+01	1.08E-07	-1.33E+01	-1.48E+01	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	5.33E+00
JZ181	2.17E-04	4.94E-02	1.19E-03	4.82E-02	0.00E+00	0.00E+00	1.15E-01	-2.92E-06	4.95E-05	5.61E-04	0.00E+00	2.42E-20	-6.18E-11	3.49E-11	4.94E-03	5.89E-02	0.00E+00	0.00E+00	1.71E-01	9.24E-20	8.55E-01	0.00E+00	7.63E-09	2.09E-09	1.38E-04	0.00E+00	3.80E-02	0.00E+00	8.55E-01	1.20E-07	8.55E-01	8.93E-01	3.80E-02	0.00E+00	0.00E+00	0.00E+00	3.11E+00
JZ182	-1.02E-03	-3.65E-01	-6.48E-02	-3.00E-01	0.00E+00	0.00E+00	-1.73E+00	-3.13E-06	-7.74E-05	-6.24E-04	0.00E+00	-3.08E-04	-6.40E-10	-2.59E-09	-1.09E-01	-1.19E+01	0.00E+00	0.00E+00	-8.75E-01	-1.42E-01	-1.61E+01	0.00E+00	3.50E-09	-1.38E-08	-5.87E-04	-1.17E-04	-1.90E+00	0.00E+00	-1.61E+01	-1.17E-06	-1.61E+01	-1.80E+01	-1.90E+00	0.00E+00	0.00E+00	0.00E+00	-5.07E+01
TN904	1.47E-04	-9.30E-02	-4.47E-03	-7.15E-02	0.00E+00	0.00E+00	-5.53E-01	-1.66E-05	5.52E-05	-2.36E-04	0.00E+00	-1.57E-05	-1.10E-10	-1.04E-08	-1.44E-02	-1.35E+00	0.00E+00	0.00E+00	-1.08E-02	-7.78E-03	-2.45E+00	0.00E+00	8.90E-09	-7.08E-09	-1.59E-04	-8.08E-06	-2.53E-01	0.00E+00	-2.45E+00	-1.22E-06	-2.45E+00	-3.12E+00	-2.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+01
VA12A	-6.00E-03	-1.68E+00	-8.48E-02	-1.59E+00	0.00E+00	0.00E+00	-5.12E+00	-3.80E-04	-1.61E-04	-1.25E-02	0.00E+00	-3.63E-04	-1.05E-08	-2.94E-08	-1.43E-01	-2.48E+01	0.00E+00	0.00E+00	-6.95E+00	-1.68E-01	-3.01E+01	0.00E+00	-4.37E-08	-1.12E-07	-6.23E-03	-1.38E-04	-4.21E+00	0.00E+00	-3.01E+01	-2.04E-05	-3.01E+01	-3.44E+01	-4.21E+00	0.00E+00	0.00E+00	0.00E+00	-3.07E+02
VA12B	4.95E-04	-6.91E-01	-6.76E-02	-6.23E-01	0.00E+00	0.00E+00	2.79E-01	2.75E-06	9.08E-04	-2.18E-03	0.00E+00	-3.63E-04	2.90E-10	1.46E-08	-1.19E-01	-1.39E+01	0.00E+00	0.00E+00	1.65E+00	-1.68E-01	-1.67E+01	0.00E+00	1.75E-08	-7.56E-09	-7.72E-04	-1.38E-04	-1.94E+00	0.00E+00	-1.67E+01	5.16E-07	-1.67E+01	-1.86E+01	-1.94E+00	0.00E+00	0.00E+00	0.00E+00	4.63E+01
VA12BN	-2.64E-02	2.18E-01	9.71E-03	2.09E-01	0.00E+00	0.00E+00	-4.26E+00	-2.88E-03	-7.46E-04	-1.03E-02	0.00E+00	2.57E-19	-3.08E-09	-3.31E-07	4.23E-02	-1.23E+01	0.00E+00	0.00E+00	-2.59E+00	9.53E-19	6.83E+00	0.00E+00	6.32E-08	-3.03E-08	-2.94E-03	0.00E+00	-1.57E+00	0.00E+00	6.83E+00	-8.04E-05	6.83E+00	5.26E+00	-1.57E+00	0.00E+00	0.00E+00	0.00E+00	-1.53E+02
VA12CN	-4.38E-02	1.70E-02	5.75E-04	1.64E-02	0.00E+00	0.00E+00	-1.04E+01	-4.60E-03	-1.63E-03	-2.14E-02	0.00E+00	2.33E-19	-7.83E-09	-5.32E-07	3.38E-02	-3.46E+00	0.00E+00	0.00E+00	-7.95E+00	8.93E-19	3.28E+01	0.00E+00	4.98E-08	-7.56E-08	-6.63E-03	0.00E+00	-6.10E-01	0.00E+00	3.28E+01	-1.32E-04	3.28E+01	2.67E+01	-6.10E-01	0.00E+00	0.00E+00	0.00E+00	-3.76E+02

VA12D	-6.74E-03	-4.90E-01	-4.04E-02	-4.40E-01	0.00E+00	0.00E+00	-1.75E+00	-7.29E-04	7.21E-05	-6.89E-03	0.00E+00	-2.11E-04	-6.39E-09	-6.26E-08	-2.89E-02	-1.98E+01	0.00E+00	0.00E+00	-2.62E+00	-1.04E-01	-1.15E+01	0.00E+00	2.23E-08	-5.15E-08	-2.79E-03	-9.62E-05	-2.75E+00	0.00E+00	-1.15E+01	-2.42E-05	-1.15E+01	-1.52E+01	-2.75E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
VA12DK	-4.81E-03	-2.67E-01	-2.02E-02	-2.62E-01	0.00E+00	0.00E+00	-1.25E+00	-1.03E-03	6.95E-05	-5.39E-03	0.00E+00	-1.22E-04	-2.65E-09	-3.51E-08	-2.15E-02	-8.73E+00	0.00E+00	0.00E+00	-1.25E+00	-6.87E-02	-4.44E+00	0.00E+00	2.18E-08	-3.23E-08	-2.12E-03	-3.83E-05	-1.19E+00	0.00E+00	-4.44E+00	-2.45E-05	-4.44E+00	-5.97E+00	-1.19E+00	0.00E+00	0.00E+00	0.00E+00	-7.73E+01
VA12DN	-7.61E-03	-3.25E-01	-3.41E-02	-1.58E-01	0.00E+00	0.00E+00	-8.68E-01	-6.04E-04	2.66E-04	-4.59E-03	0.00E+00	-2.26E-04	-4.34E-09	-7.38E-08	-2.55E-02	-1.61E+01	0.00E+00	0.00E+00	-1.74E+00	-1.16E-01	-9.80E+00	0.00E+00	1.73E-08	-3.16E-08	-2.34E-03	-9.17E-05	-2.48E+00	0.00E+00	-9.80E+00	-2.63E-05	-9.80E+00	-1.29E+01	-2.48E+00	0.00E+00	0.00E+00	0.00E+00	-9.92E+01
VA12E	-5.02E-03	-2.29E-01	-2.81E-02	-2.76E-01	0.00E+00	0.00E+00	-1.43E+00	-9.85E-04	7.16E-05	-5.62E-03	0.00E+00	-1.40E-04	-3.18E-09	-2.79E-08	-2.37E-02	-9.65E+00	0.00E+00	0.00E+00	-1.24E+00	-6.33E-02	-4.43E+00	0.00E+00	2.39E-08	-3.43E-08	-2.10E-03	-4.97E-05	-1.52E+00	0.00E+00	-4.43E+00	-2.41E-05	-4.43E+00	-5.20E+00	-1.52E+00	0.00E+00	0.00E+00	0.00E+00	-7.84E+01
VA12G	-7.73E-03	-2.50E-01	-3.17E-02	-9.82E-02	0.00E+00	0.00E+00	-1.09E+00	-5.92E-04	2.69E-04	-5.53E-03	0.00E+00	-2.47E-04	-4.41E-09	-6.99E-08	-1.44E-02	-2.02E+01	0.00E+00	0.00E+00	-2.06E+00	-1.30E-01	-7.32E+00	0.00E+00	1.78E-08	-3.86E-08	-2.74E-03	-1.06E-04	-2.72E+00	0.00E+00	-7.32E+00	-2.82E-05	-7.32E+00	-8.88E+00	-2.72E+00	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
VA12K	3.49E-04	-1.79E-01	-6.02E-03	-8.21E-02	0.00E+00	0.00E+00	-8.58E-01	-1.75E-04	5.21E-05	-2.00E-04	0.00E+00	-3.84E-05	2.76E-10	-1.15E-08	-8.90E-03	-2.88E+00	0.00E+00	0.00E+00	-9.72E-01	-2.90E-02	-3.04E+00	0.00E+00	9.57E-09	-1.04E-08	-2.20E-04	-3.95E-05	-7.18E-01	0.00E+00	-3.04E+00	-3.35E-06	-3.04E+00	-4.75E+00	-7.18E-01	0.00E+00	0.00E+00	0.00E+00	-3.80E+01
VA12N	-2.78E-02	-4.10E-01	-3.57E-02	-4.04E-01	0.00E+00	0.00E+00	-3.99E+00	-3.40E-03	-4.08E-04	-7.83E-03	0.00E+00	-1.96E-04	-5.07E-09	-3.70E-07	-2.63E-02	-1.73E+01	0.00E+00	0.00E+00	-2.60E+00	-9.36E-02	-1.09E+01	0.00E+00	3.32E-08	-4.79E-08	-3.90E-03	-8.46E-05	-3.20E+00	0.00E+00	-1.09E+01	-8.48E-05	-1.09E+01	-1.66E+01	-3.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.58E+02
VA12NL	-1.31E-02	1.86E-01	6.06E-03	1.80E-01	0.00E+00	0.00E+00	-2.86E+00	-1.51E-03	-3.05E-04	-4.44E-03	0.00E+00	2.08E-19	-3.42E-09	-1.72E-07	3.71E-02	-2.94E+00	0.00E+00	0.00E+00	-1.97E+00	7.96E-19	5.23E+00	0.00E+00	5.60E-08	-1.83E-08	-1.66E-03	0.00E+00	-3.26E-01	0.00E+00	5.23E+00	-4.24E-05	5.23E+00	4.91E+00	-3.26E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
VA24A	-8.74E-03	1.27E+00	5.31E-02	1.22E+00	0.00E+00	0.00E+00	1.03E+01	-1.53E-03	6.83E-04	6.51E-03	0.00E+00	7.53E-19	4.49E-10	-1.52E-07	1.19E-01	-8.14E+00	0.00E+00	0.00E+00	7.98E+00	2.66E-18	2.29E+01	0.00E+00	1.83E-07	4.32E-08	1.81E-03	0.00E+00	1.86E-01	0.00E+00	2.29E+01	-3.84E-05	2.29E+01	2.31E+01	1.86E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+02
VA24B	-1.91E-02	7.99E-01	9.45E-03	7.90E-01	0.00E+00	0.00E+00	-4.52E+00	-2.23E-03	-1.93E-04	-3.43E-03	0.00E+00	3.64E-19	-6.07E-09	-2.55E-07	5.26E-02	-1.07E+00	0.00E+00	0.00E+00	-3.78E+00	1.39E-18	6.26E+00	0.00E+00	8.01E-08	-3.32E-08	-2.16E-03	0.00E+00	-6.32E-02	0.00E+00	6.26E+00	-7.95E-05	6.26E+00	6.20E+00	-6.32E-02	0.00E+00	0.00E+00	0.00E+00	-2.10E+02
VA24BN	-3.66E-02	1.20E+00	2.11E-02	1.18E+00	0.00E+00	0.00E+00	-5.12E+00	-4.18E-03	-5.50E-04	-8.63E-03	0.00E+00	4.88E-19	-4.25E-09	-4.78E-07	7.21E-02	-8.84E+00	0.00E+00	0.00E+00	-2.87E+00	1.81E-18	1.27E+01	0.00E+00	1.18E-07	-2.71E-08	-2.79E-03	0.00E+00	-8.55E-01	0.00E+00	1.27E+01	-1.16E-04	1.27E+01	1.18E+01	-8.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
VA24CN	-5.09E-02	2.73E-01	1.36E-02	2.60E-01	0.00E+00	0.00E+00	-8.59E+00	-5.46E-03	-1.61E-03	-2.18E-02	0.00E+00	3.93E-19	-5.94E-09	-6.28E-07	6.08E-02	-1.78E+01	0.00E+00	0.00E+00	-5.75E+00	1.45E-18	9.48E+00	0.00E+00	9.03E-08	-6.51E-08	-6.21E-03	0.00E+00	-2.32E+00	0.00E+00	9.48E+00	-1.53E-04	9.48E+00	7.16E+00	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	-3.08E+02
VA24D	-1.75E-02	-7.10E-01	-5.91E-02	-7.88E-01	0.00E+00	0.00E+00	-2.89E+00	-9.18E-04	-7.51E-04	-8.59E-03	0.00E+00	-2.19E-04	-7.24E-09	-1.20E-07	-2.91E-02	-2.44E+01	0.00E+00	0.00E+00	-3.64E+00	-1.20E-01	-1.19E+01	0.00E+00	2.72E-08	-6.77E-08	-3.92E-03	-1.22E-04	-3.29E+00	0.00E+00	-1.19E+01	-3.75E-05	-1.19E+01	-1.72E+01	-3.29E+00	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
VA24DK	-3.94E-03	-2.60E-01	-5.11E-02	-2.95E-01	0.00E+00	0.00E+00	-1.42E+00	-6.17E-04	2.15E-04	-5.35E-03	0.00E+00	-1.93E-04	-2.26E-09	-1.90E-08	-2.25E-02	-1.42E+01	0.00E+00	0.00E+00	-1.10E+00	-8.50E-02	-6.43E+00	0.00E+00	2.72E-08	-3.50E-08	-2.30E-03	-9.49E-05	-2.11E+00	0.00E+00	-6.43E+00	-2.05E-05	-6.43E+00	-7.54E+00	-2.11E+00	0.00E+00	0.00E+00	0.00E+00	-6.84E+01
VA24DN	-1.25E-02	-7.48E-01	-4.18E-02	-7.25E-01	0.00E+00	0.00E+00	-1.38E+00	-1.39E-03	-5.52E-04	-5.80E-03	0.00E+00	-2.38E-04	-5.17E-09	-1.60E-07	-8.27E-02	-2.80E+01	0.00E+00	0.00E+00	-2.02E+00	-1.24E-01	-1.21E+01	0.00E+00	3.09E-08	-2.52E-08	-1.20E-03	-1.48E-04	-4.05E+00	0.00E+00	-1.21E+01	-4.04E-05	-1.21E+01	-2.04E+01	-4.05E+00	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
VA24E	2.23E-04	-1.13E+00	-9.43E-02	-1.03E+00	0.00E+00	0.00E+00	5.32E-01	3.65E-06	1.06E-03	-3.73E-03	0.00E+00	-5.05E-04	3.99E-10	1.73E-08	-1.67E-01	-2.91E+01	0.00E+00	0.00E+00	2.26E+00	-2.33E-01	-2.38E+01	0.00E+00	1.81E-08	-1.77E-08	-1.28E-03	-1.92E-04	-4.12E+00	0.00E+00	-2.38E+01	5.64E-07	-2.38E+01	-2.79E+01	-4.12E+00	0.00E+00	0.00E+00	0.00E+00	6.31E+01
VA24G	-1.23E-02	-4.56E-01	-2.87E-02	-3.69E-01	0.00E+00	0.00E+00	-1.33E+00	-1.28E-03	-4.57E-04	-6.51E-03	0.00E+00	-2.11E-04	-5.44E-09	-1.56E-07	-1.27E-02	-2.57E+01	0.00E+00	0.00E+00	-2.34E+00	-1.16E-01	-9.43E+00	0.00E+00	3.45E-08	-3.43E-08	-1.71E-03	-1.14E-04	-2.96E+00	0.00E+00	-9.43E+00	-3.70E-05	-9.43E+00	-1.41E+01	-2.96E+00	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
VA24K	8.47E-04	-1.82E-01	-5.17E-03	-9.14E-02	0.00E+00	0.00E+00	-7.50E-01	-2.28E-04	4.56E-05	-2.42E-04	0.00E+00	-3.63E-05	3.62E-10	-1.16E-08	-7.05E-03	-4.83E+00	0.00E+00	0.00E+00	-9.94E-01	-2.88E-02	-2.86E+00	0.00E+00	1.40E-08	-1.04E-08	-2.20E-04	-3.77E-05	-9.09E-01	0.00E+00	-2.86E+00	-3.32E-06	-2.86E+00	-4.82E+00	-9.09E-01	0.00E+00	0.00E+00	0.00E+00	-3.80E+01
VA24N	-3.44E-02	-2.30E-01	-2.15E-03	3.60E-01	0.00E+00	0.00E+00	4.73E+00	-4.12E-03	-6.76E-04	-4.25E-03	0.00E+00	-1.86E-04	-5.77E-09	-3.74E-07	-1.12E-02	-2.11E+01	0.00E+00	0.00E+00	4.15E+00	-7.80E-02	-1.25E+00	0.00E+00	1.63E-07	-4.24E-08	-4.09E-03	-7.71E-05	-3.18E+00	0.00E+00	-1.25E+00	-9.06E-05	-1.25E+00	-1.17E+01	-3.18E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+01
VA24NL	-2.33E-03	-1.54E+00	-1.05E-01	-1.43E+00	0.00E+00	0.00E+00	-3.26E+00	-1.31E-04	6.38E-04	-8.67E-03	0.00E+00	-4.99E-04	-3.63E-09	-7.67E-10	-1.81E-01	-2.26E+01	0.00E+00	0.00E+00	-1.81E+00	-2.30E-01	-2.94E+01	0.00E+00	-1.24E-08	-5.27E-08	-3.45E-03	-1.90E-04	-3.56E+00	0.00E+00	-2.94E+01	-6.64E-06	-2.94E+01	-3.29E+01	-3.56E+00	0.00E+00	0.00E+00	0.00E+00	-9.66E+01
VA36APZ	-5.93E-03	-7.74E-01	8.86E-04	-7.75E-01	0.00E+00	0.00E+00	-4.18E+00	-6.80E-04	-4.54E-04	-5.85E-03	0.00E+00	4.86E-19	-1.85E-08	-6.16E-08	5.16E-02	-3.54E+01	0.00E+00	0.00E+00	-9.70E+00	1.86E-18	-5.90E+00	0.00E+00	4.32E-08	-1.38E-07	-6.24E-03	0.00E+00	-5.59E+00	0.00E+00	-5.90E+00	-3.23E-05	-5.90E+00	-1.15E+01	-5.59E+00	0.00E+00	0.00E+00	0.00E+00	-4.68E+02
VA36CN	-6.45E-02	-2.07E+00	-1.58E-01	-1.91E+00	0.00E+00	0.00E+00	-2.01E+01	-6.12E-03	-3.33E-03	-4.13E-02	0.00E+00	-6.71E-04	-1.34E-08	-7.14E-07	-2.58E-01	-4.96E+01	0.00E+00	0.00E+00	-1.55E+01	-3.10E-01	-4.60E+01	0.00E+00	-4.54E-08	-1.97E-07	-1.39E-02	-2.55E-04	-8.14E+00	0.00E+00	-4.60E+01	-1.82E-04	-4.60E+01	-5.41E+01	-8.14E+00	0.00E+00	0.00E+00	0.00E+00	-6.85E+02
VA36K	1.74E-03	-1.84E-01	-2.44E-03	-9.03E-02	0.00E+00	0.00E+00	4.54E-01	-2.26E-04	5.19E-05	4.41E-04	0.00E+00	-3.76E-05	1.05E-09	-5.09E-09	-7.26E-03	-5.50E+00	0.00E+00	0.00E+00	-8.58E-01	-3.46E-02	-2.59E+00	0.00E+00	1.59E-08	-8.23E-09	5.33E-05	-3.89E-05	-5.02E-01	0.00E+00	-2.59E+00	-2.44E-06	-2.59E+00	-4.79E+00	-5.02E-01	0.00E+00	0.00E+00	0.00E+00	-3.79E+01
VA36NW	-8.98E-03	-9.45E-01	-6.50E-02	-8.80E-01	0.00E+00	0.00E+00	1.34E+01	-1.13E-03	-7.83E-05	-2.09E-03	0.00E+00	-6.02E-04	1.45E-09	-9.90E-08	-1.19E-01	-7.73E+01	0.00E+00	0.00E+00	1.05E+01	-2.78E-01	-1.30E+01	0.00E+00	1.37E-07	-1.19E-08	-9.84E-04	-2.29E-04	-9.83E+00	0.00E+00	-1.30E+01	-2.91E-05	-1.30E+01	-2.28E+01	-9.83E+00	0.00E+00	0.00E+00	0.00E+00	3.33E+02
VA36NWB	-1.26E-02	-3.27E+00	-1.44E-01	-3.12E+00	0.00E+00	0.00E+00	-8.40E+00	-6.83E-04	-2.15E-03	-2.53E-02	0.00E+00	-6.02E-04	-1.91E-08	-6.81E-08	-2.30E-01	-2.63E+01	0.00E+00	0.00E+00	-1.18E+01	-2.78E-01	-4.86E+01	0.00E+00	-6.13E-08	-1.86E-07	-1.16E-02	-2.29E-04	-4.83E+00	0.00E+00	-4.86E+01	-3.47E-05	-4.86E+01	-5.34E+01	-4.83E+00	0.00E+00	0.00E+00	0.00E+00	-5.25E+02
VA36NWP	-1.39E-02	-3.37E+00	-3.13E-02	-3.19E+00	0.00E+00	0.00E+00	-1.98E-01	-8.72E-04	-1.43E-03	-3.60E-02	0.00E+00	-3.25E-04	-2.76E-09	-9.17E-08	-8.99E-02	-6.51E+01	0.00E+00	0.00E+00	-5.95E+00	-1.78E-01	-4.59E+01	0.00E+00	2.18E-08	-1.75E-07	-9.05E-03	-1.39E-04	-1.15E+01	0.00E+00	-4.59E+01	-2.70E-05	-4.59E+01	-6.49E+01	-1.15E+01	0.00E+00	0.00E+00	0.00E+00	-2.68E+02
VA36RM	-7.34E-03	-2.01E+00	-4.74E-02	-1.36E+00	0.00E+00	0.00E+00	-8.31E+00	-7.49E-04	-1.89E-03	-1.08E-02	0.00E+00	-1.40E-04	-2.36E-08	-5.98E-08	-9.80E-02	-1.52E+01	0.00E+00	0.00E+00	-1.82E+01	-7.47E-02	-2.05E+01	0.00E+00	-3.79E-08	-1.46E-07	-8.19E-03	-9.41E-05	-1.26E+00	0.00E+00	-2.05E+01	-2.42E-05	-2.05E+01	-2.68E+01	-1.26E+00	0.00E+00	0.00E+00	0.00E+00	-7.74E+02
VA36V	1.80E-03	-7.33E-02	-8.36E-04	-4.78E-02	0.00E+00	0.00E+00	-4.51E-01	-1.58E-04	8.79E-05	1.60E-03	0.00E+00	-3.90E-05	1.01E-09	5.79E-12	-9.32E-03	-1.01E+00	0.00E+00	0.00E+00	-3.06E-01	-3.45E-02	-1.81E+00	0.00E+00	2.12E-08	-6.61E-09	2.08E-04	-3.95E-05	3.41E-01	0.00E+00	-1.81E+00	-1.91E-06	-1.81E+00	-3.36E+00	3.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E+01
VA36W	1.71E-03	-1.83E-01	-2.92E-03	-8.91E-02	0.00E+00	0.00E+00	-4.44E-01	-2.24E-04	5.34E-05	7.06E-04	0.00E+00	-3.82E-05	9.58E-10	-3.90E-09	-7.18E-03	-5.56E+00	0.00E+00	0.00E+00	-8.58E-01	-3.42E-02	-2.59E+00	0.00E+00	1.59E-08	-8.23E-09	6.92E-05	-4.03E-05	-5.59E-01	0.00E+00	-2.59E+00	-2.21E-06	-2.59E+00	-4.79E+00	-5.59E-01	0.00E+00	0.00E+00	0.00E+00	-3.96E+01
VA36WWH	-8.69E-03	-1.07E+00	-2.19E-02	-1.73E+00	0.00E+00	0.00E+00	3.85E+00	-8.77E-04	1.30E-04	-1.48E-02	0.00E+00	-3.22E-04	-6.55E-09	-8.06E-08	3.26E-02	-5.53E+01	0.00E+00	0.00E+00	-1.99E+00	-1.71E-01	-2.95E+00	0.00E+00	2.68E-08	-1.06E-07	-7.10E-03	-1.32E-04	-8.22E+00	0.00E+00	-2.95E+00	-3.75E-05	-2.95E+00	-1.52E+01	-8.22E+00	0.00E+00	0.00E+00	0.00E+00	-1.89E+02
VA48K	2.85E-03	-1.46E-01	-2.17E-03	-8.46E-02	0.00E+00	0.00E+00	3.60E-01	-2.27E-04	2.17E-04	1.40E-03	0.00E+00	-3.76E-05	1.04E-09	-4.66E-09	2.77E-03	-5.65E+00	0.00E+00	0.00E+00	-7.83E-01	-3.52E-02	-2.71E+00	0.00E+00	2.32E-08	-7.89E-09	2.15E-04	-3.98E-05	-5.89E-01	0.00E+00	-2.71E+00	-2.28E-06	-2.71E+00	-5.19E+00	-5.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E+01
VA48NWB	-4.23E-04	4.72E-02	2.52E-02	-7.25E-01	0.00E+00	0.00E+00	9.51E+00	-6.26E-04	1.27E-04	2.29E-04	0.00E+00	-1.78E-04	3.98E-10	-1.47E-08	1.32E-02	-2.25E+01	0.00E+00	0.00E+00	9.63E+00	-1.06E-01	8.00E+00	0.00E+00	1.22E-07	1.08E-08	-1.60E-03	-7.86E-05	-2.43E+00	0.00E+00	8.00E+00	-1.40E-05	8.00E+00	2.81E+00	-2.43E+00	0.00E+00	0.00E+00	0.00E+00	3.32E+02
VA48V	5.18E-03	1.10E+00	5.56E-02	1.05E+00	0.00E+00	0.00E+00	1.66E+01	3.33E-05	9.74E-04	1.07E-02	0.00E+00	6.38E-19	2.76E-09	3.56E-08	8.79E-02	1.98E+00	0.00E+00	0.00E+00	1.11E+01	2.16E-18	1.80E+01	0.00E+00	1.33E-07	5.80E-08	3.00E-03	0.00E+00	1.75E+00	0.00E+00	1.80E+01	4.15E-06	1.80E+01	1.97E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	3.92E+02
VA48W	2.37E-03	-1.59E-01	-2.30E-03	-8.33E-02	0.00E+00	0.00E+00	3.60E-01	-2.27E-04	1.21E-04	1.32E-03	0.00E+00	-3.88E-05	1.02E-09	-4.19E-09	-2.94E-03	-5.64E+00	0.00E+00	0.00E+00	-7.83E-01	-3.52E-02	-2.55E+00	0.00E+00	2.32E-08	-7.89E-09	2.15E-04	-4.11E-05	-6.10E-01	0.00E+00	-2.55E+00	-2.29E-06	-2.55E+00	-4.87E+00	-6.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E+01
VB118B	4.33E-03	-3.79E-01	2.40E-02	-4.03E-01	0.00E+00	0.00E+00	2.05E+00	-8.63E-05	1.68E-03	7.45E-03	0.00E+00	4.99E-19	-2.12E-09	6.39E-09	9.30E-02	-9.07E+01	0.00E+00	0.00E+00	2.81E+00	1.91E-18	1.49E+01	0.00E+00	1.38E-07	-1.02E-08	1.71E-03	0.00E+00	-1.26E+01	0.00E+00	1.49E+01	1.27E-06	1.49E+01	2.22E+00	-1.26E+01	0.00E+00	0.00E+00	0.00E+00	3.92E+01
VB118C	1.05E-02	1.84E+00	4.34E-02	1.80E+00	0.00E+00	0.00E+00	5.24E+00	-7.63E-05	2.85E-03	2.10E-02	0.00E+00	-8.91E-17	-1.62E-09	1.51E-08	-1.13E-01	-3.76E-02	0.00E+00	0.00E+00	7.52E+00	-1.77E-16	3.13E+01	0.00E+00	2.73E-07	9.31E-08	5.69E-03	0.00E+00	1.12E+00	0.00E+00	3.13E+01	8.40E-06	3.13E+01	3.24E+01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+02
VB118L	-4.37E-03	-8.15E-01	-5.95E-02	-1.71E+00	0.00E+00	0.00E+00	-1.53E+00	-2.46E-04	1.12E-03	-1.95E-03	0.00E+00	-3.09E-04	-3.00E-09	-6.47E-08	-7.23E-02	-6.75E+01	0.00E+00	0.00E+00	-6.23E-01	-1.89E-01	-6.95E+00	0.00E+00	6.51E-08	-6.65E-08	-3.09E-03	-8.45E-05	-1.06E+01	0.00E+00	-6.95E+00	-5.59E-06	-6.95E+00	-2.22E+01	-1.06E+01	0.00E+00	0.00E+00	0.00E+00	-4.86E+01
VB118P	-1.45E-02	-1.32E+00	-1.79E-01	-1.14E+00	0.00E+00	0.00E+00	-4.49E+00	-1.55E-03	-6.12E-04	-7.74E-03	0.00E+00	-9.37E-04	-1.55E-09	-1.78E-07	-2.86E-01	-3.93E+01	0.00E+00	0.00E+00	2.08E+00	-4.33E-01	-3.48E+01	0.00E+00	1.13E-07	-1.49E-08	-2.51E-03	-3.57E-04	-5.49E+00	0.00E+00	-3.48E+01	-3.72E-05	-3.48E+01	-4.03E+01	-5.49E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+01
VB118PB	9.48E-03	1.89E+00	4.11E-02	1.85E+00	0.00E+00	0.00E+00	4.82E+00	-8.45E-05	2.31E-03	2.06E-02	0.00E+00	7.37E-19	-1.88E-09	9.13E-09	1.43E-01	3.32E+00	0.00E+00	0.00E+00	6.78E+00	2.82E-18	3.02E+01	0.00E+00	2.61E-07	8.82E-08	5.44E-03	0.00E+00	1.53E+00	0.00E+00	3.02E+01	7.30E-06	3.02E+01	3.17E+01	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+02
VB118PP	-3.46E-03	-3.32E+00	-1.84E-01	-3.13E+00	0.00E+00	0.00E+00	-3.41E+00	-5.06E-06	-3.43E-05	-1.18E-02	0.00E+00	-8.98E-04	-2.01E-10	5.53E-09	-5.82E-01	-1.27E+02	0.00E+00	0.00E+00	8.02E-01	-4.15E-01	-4.83E+01	0.00E+00	-8.88E-09	-8.53E-08	-3.75E-03	-3.42E-04	-1.86E+01	0.00E+00	-4.83E+01	5.00E-07	-4.83E+01	-6.69E+01	-1.86E+01	0.00E+00	0.00E+00	0.00E+00	-4.09E+00
VB118R	-4.41E-03	-8.11E-01	-5.91E-02	-1.65E+00	0.00E+00	0.00E+00	-1.56E+00	-3.75E-04	1.08E-03	-2.11E-03	0.00E+00	-3.07E-04	-2.83E-09	-6.57E-08	-7.65E-02	-6.75E+01	0.00E+00	0.00E+00	-6.75E-01	-1.90E-01	-7.42E+00	0.00E+00	6.90E-08	-6.65E-08	-3.20E-03	-8.63E-05	-1.06E+01	0.00E+00	-7.42E+00	-7.10E-06	-7.42E+00	-2.22E+01	-1.06E+01	0.00E+00	0.00E+00	0.00E+00	-5.02E+01
VB118TB	-2.38E-03	-1.59E+00	-6.30E-02	-1.60E+00	0.00E+00	0.00E+00	-1.25E+00	-3.54E-04	1.15E-03	-1.56E-04	0.00E+00	-4.12E-04	-2.11E-09	-6.81E-08	-1.57E-01	-5.95E+01	0.00E+00	0.00E+00	1.17E+00	-2.21E-01	-2.45E+01	0.00E+00	8.41E-08	-5.03E-08	1.17E-03	-1.10E-04	-1.09E+01	0.00E+00	-2.45E+01	-7.69E-06	-2.45E+01	-3.31E+01	-1.09E+01	0.00E+00	0.00E+00	0.00E+00	-2.33E+01
VB218B	-4.17E-02	-2.37E+00	-1.21E-01	-1.99E+00	0.00E+00	0.00E+00	-1.00E+01	-4.30E-03	1.05E-03	-1.04E-02	0.00E+00	-9.63E-04	-1.08E-08	-4.53E-07	-3.00E-01	-1.66E+02	0.00E+00	0.00E+00	-5.81E+00	-4.46E-01	-2.36E+01	0.00E+00	5.86E-08	-1.07E-07	-9.00E-03	-2.93E-04	-2.24E+01	0.00E+00	-2.36E+01	-1.12E-04	-2.36E+01	-3.94E+01	-2.24E+01	0.00E+00	0.00E+00	0.00E+00	-3.85E+02
VB218C	-3.78E-03	-4.46E+00	-2.40E-01	-4.22E+00	0.00E+00	0.00E+00	5.70E-01	3.04E-06	-4.37E-06	-1.40E-02	0.00E+00	-1.25E-03	5.77E-10	1.70E-08	-6.83E-01	-1.84E+02	0.00E+00	0.00E+00	4.46E+00	-5.79E-01	-6.23E+01	0.00E+00	2.29E-08	-1.08E-07	-4.55E-03	-4.77E-04	-2.66E+01	0.00E+00	-6.23E+01	1.67E-06	-6.23E+01	-8.90E+01	-2.66E+01	0.00E+00	0.00E+00	0.00E+00	1.12E+02
VB218L	-6.44E-03	-2.48E+00	-1.03E-01	-2.40E+00	0.00E+00	0.00E+00	-4.27E+00	-5.12E-04	1.89E-03	-5.05E-03	0.00E+00	-9.27E-04	-1.45E-09	-3.81E-08	-2.73E-01	-1.66E+02	0.00E+00	0.00E+00	-1.13E+00	-4.67E-01	-2.30E+01	0.00E+00	6.38E-08	-7.30E-08	-2.25E-03	-2.98E-04	-2.38E+01	0.00E+00	-2.30E+01	-1.88E-05	-2.30E+01	-4.01E+01	-2.38E+01	0.00E+00	0.00E+00	0.00E+00	-8.88E+01
VB218P	5.49E-03	-1.11E+00	-2.11E-01	-9.03E-01	0.00E+00	0.00E+00	5.46E+00	2.79E-05	1.74E-03	6.35E-03	0.00E+00	-1.25E-03	1.58E-09	3.08E-08	-6.04E-01	-4.86E+01	0.00E+00	0.00E+00	1.15E+01	-5.79E-01	-3.74E+01	0.00E+00	2.19E-07	4.73E-08	1.47E-03	-4.77E-04	-6.02E+00	0.00E+00	-3.74E+01	1.25E-05	-3.74E+01	-4.34E+01	-6.02E+00	0.00E+00	0.00E+00	0.00E+00	3.66E+02
VB218PB	-1.83E-02	-5.54E+00	-2.85E-01	-5.25E+00	0.00E+00	0.00E+00	-1.19E+01	-9.17E-04	-2.49E-03	-2.92E-02	0.00E+00	-1.28E-03	-6.53E-09	-1.17E-07	-7.48E-01	-1.78E+02	0.00E+00	0.00E+00	-6.32E+00	-5.92E-01	-7.91E+01	0.00E+00	-7.25E-08	-1.93E-07	-1.00E-02	-4.88E-04	-2.67E+01	0.00E+00	-7.91E+01	-3.60E-05	-7.91E+01	-1.06E+02	-2.67E+01	0.00E+00	0.00E+00	0.00E+00	-3.03E+02
VB218PP	-2.35E-02	-2.34E+00	-2.58E-01	-2.08E+00	0.00E+00	0.00E+00	-1.05E+01	-2.36E-03	-1.36E-03	-1.68E-02	0.00E+00	-1.28E-03	-7.19E-09	-2.74E-07	-6.69E-01	-5.01E+01	0.00E+00	0.00E+00	-1.91E+00	-5.91E-01	-5.46E+01	0.00E+00	1.22E-07	-6.52E-08	-6.17E-03	-4.87E-04	-7.42E+00	0.00E+00	-5.46E+01	-6.17E-05	-5.46E+01	-6.20E+01	-7.42E+00	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
VB218R	-4.17E-02	-2.37E+00	-1.21E-01	-1.99E+00	0.00E+00	0.00E+00	-1.00E+01	-4.30E-03	1.05E-03	-1.04E-02	0.00E+00	-9.63E-04	-1.08E-08	-4.53E-07	-3.00E-01	-1.66E+02	0.00E+00	0.00E+00	-5.81E+00	-4.46E-01	-2.36E+01	0.00E+00	5.86E-08	-1.07E-07	-9.00E-03	-2.93E-04	-2.24E+01	0.00E+00	-2.36E+01	-1.12E-04	-2.36E+01	-3.94E+01	-2.24E+01	0.00E+00	0.00E+00	0.00E+00	-3.85E+02
VB218TB	-1.02E-02	-5.51E+00	-2.82E-01	-5.22E+00	0.00E+00	0.00E+00	-9.84E+00	-1.84E-04	-1.68E-03	-2.50E-02	0.00E+00	-1.28E-03	-5.56E-09	-2.46E-08	-7.45E-01	-1.78E+02	0.00E+00	0.00E+00	-4.71E+00	-5.92E-01	-7.84E+01	0.00E+00	-6.81E-08	-1.79E-07	-8.78E-03	-4.88E-04	-2.67E+01	0.00E+00	-7.84E+01	-9.61E-06	-7.84E+01	-1.05E+02	-2.67E+01	0.00E+00	0.00E+00	0.00E+00	-2.35E+02
VB318A	9.22E-04	-2.68E+00	-3.01E-01	-2.38E+00	0.00E+00	0.00E+00	-6.44E-01	1.29E-05	1.89E-03	-6.08E-03	0.00E+00	-1.59E-03	8.79E-10	3.16E-08	-7.72E-01	-5.91E+01	0.00E+00	0.00E+00	7.09E+00	-7.35E-01	-6.89E+01	0.00E+00	1.11E-07	-1.63E-08	-2.41E-03	-6.06E-04	-8.23E+00	0.00E+00	-6.89E+01	6.11E-06	-6.89E+01	-7.72E+01	-8.23E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+02
VB318B	-4.01E-02	-1.33E-01	2.49E-02	-1.65E+00	0.00E+00	0.00E+00	-6.29E+00	-4.28E-03	1.98E-03	4.34E-03	0.00E+00	-6.44E-05	-1.20E-08	-4.53E-07	5.18E-02	-1.69E+02	0.00E+00	0.00E+00	-2.45E+00	-4.96E-02	1.90E+01	0.00E+00	1.75E-07	-1.02E-07	-7.84E-03	-3.45E-05	-2.15E+01	0.00E+00	1.90E+01	-1.13E-04	1.90E+01	-3.92E+00	-2.15E+01	0.00E+00	0.00E+00	0.00E+00	-2.92E+02
VB318L	-3.69E-02	-1.94E-01	3.24E-02	-1.95E+00	0.00E+00	0.00E+00	-6.04E+00	-3.98E-03	2.06E-03	4.42E-03	0.00E+00	-1.41E-05	-1.20E-08	-3.96E-07	8.10E-02	-1.68E+02	0.00E+00	0.00E+00	-6.80E-01	-4.70E-02	2.16E+01	0.00E+00	2.06E-07	-7.26E-08	-6.68E-03	-4.22E-05	-2.17E+01	0.00E+00	2.16E+01	-1.09E-04	2.16E+01	-6.39E-02	-2.17E+01	0.00E+00	0.00E+00	0.00E+00	-2.68E+02
VB318MMP	6.13E-03	-1.70E-01	1.56E-02	-1.57E+00	0.00E+00	0.00E+00	2.77E+00	-2.23E-04	2.68E-03	1.21E-02	0.00E+00	-1.92E-04	4.15E-10	-3.04E-08	2.92E-02	-1.66E+02	0.00E+00	0.00E+00	2.15E+00	-1.34E-01	1.70E+01	0.00E+00	1.74E-07	-6.23E-09	-3.73E-04	-1.22E-04	-2.07E+01	0.00E+00	1.70E+01	-5.66E-06	1.70E+01	-2.39E+00	-2.07E+01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
VB318MMT	6.44E-03	-2.57E-01	2.96E-02	-1.54E+00	0.00E+00	0.00E+00	2.93E+00	-1.98E-04	2.78E-03	1.06E-02	0.00E+00	-1.58E-04	4.22E-10	-2.09E-08	4.82E-02	-1.66E+02	0.00E+00	0.00E+00	2.31E+00	-1.32E-01	1.90E+01	0.00E+00	1.90E-07	-8.37E-09	-2.67E-04	-1.12E-04	-2.03E+01	0.00E+00	1.90E+01	-5.39E-06	1.90E+01	-2.68E+00	-2.03E+01	0.00E+00	0.00E+00	0.00E+00	6.71E+01
VB318MP	4.71E-03	-9.49E-01	-2.10E-01	-7.40E-01	0.00E+00	0.00E+00	9.67E+00	2.66E-05	6.96E-04	7.94E-03	0.00E+00	-1.31E-03	2.03E-09	2.73E-08	-3.39E-01	-4.61E+01	0.00E+00	0.00E+00	1.39E+01	-6.04E-01	-3.59E+01	0.00E+00	2.48E-07	5.57E-08	1.72E-03	-4.97E-04	-5.32E+00	0.00E+00	-3.59E+01	1.27E-05	-3.59E+01	-4.12E+01	-5.32E+00	0.00E+00	0.00E+00	0.00E+00	4.47E+02
VB318P	2.32E-02	4.37E+00	1.05E-01	4.26E+00	0.00E+00	0.00E+00	1.77E+01	4.89E-05	5.56E-03	4.73E-02	0.00E+00	1.57E-18	2.94E-09	5.43E-08	3.01E-01	7.98E+00	0.00E+00	0.00E+00	2.09E+01	5.90E-18	6.84E+01	0.00E+00	5.55E-07	2.34E-07	1.39E-02	0.00E+00	3.97E+00	0.00E+00	6.84E+01	2.56E-05	6.84E+01	7.24E+01	3.97E+00	0.00E+00	0.00E+00	0.00E+00	6.61E+02
VB318PB	4.16E-03	-1.15E+00	3.44E-02	-1.19E+00	0.00E+00	0.00E+00	1.99E+00	-2.35E-04	1.38E-03	9.25E-03	0.00E+00	8.60E-19	-6.17E-09	-1.06E-08	1.55E-01	-1.71E+02	0.00E+00	0.00E+00	2.47E+00	3.29E-18	2.21E+01	0.00E+00	2.20E-07	-5.03E-08	1.34E-03	0.00E+00	-2.41E+01	0.00E+00	2.21E+01	-2.50E-06	2.21E+01	-1.98E+00	-2.41E+01	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
VB318PE	1.88E-02	3.24E+00	7.83E-02	3.17E+00	0.00E+00	0.00E+00	9.35E+00	-2.01E-04	5.37E-03	3.68E-02	0.00E+00	1.36E-18	-4.71E-09	2.49E-08	2.64E-01	1.21E+00	0.00E+00	0.00E+00	1.26E+01	5.21E-18	5.63E+01	0.00E+00	4.89E-07	1.57E-07	9.61E-03	0.00E+00	2.15E+00	0.00E+00	5.63E+01	1.22E-05	5.63E+01	5.84E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	3.39E+02
VB318PP	-4.71E-02	-6.36E+00	-3.35E-01	-6.02E+00	0.00E+00	0.00E+00	-1.46E+01	-3.88E-03	-3.53E-03	-4.29E-02	0.00E+00	-1.59E-03	-5.06E-09	-4.58E-07	-8.33E-01	-2.45E+02	0.00E+00	0.00E+00	-5.77E+00	-7.35E-01	-8.78E+01	0.00E+00	-2.87E-08	-2.31E-07	-1.30E-02	-6.06E-04	-3.62E+01	0.00E+00	-8.78E+01	-1.10E-04	-8.78E+01	-1.24E+02	-3.62E+01	0.00E+00	0.00E+00	0.00E+00	-3.19E+02
VB318R	-3.89E-02	-2.05E+00	1.83E-02	-2.07E+00	0.00E+00	0.00E+00	-9.15E+00	-4.34E-03	-1.24E-03	-1.77E-02	0.00E+00	-8.91E-17	-1.18E-08	-4.97E-07	-1.35E-01	-1.95E+02	0.00E+00	0.00E+00	-6.73E+00	-1.76E-16	1.40E+01	0.00E+00	1.68E-07	-1.52E-07	-6.39E-03	0.00E+00	-2.81E+01	0.00E+00	1.40E+01	-1.22E-04	1.40E+01	-1.41E+01	-2.81E+01	0.00E+00	0.00E+00	0.00E+00	-4.09E+02
VB318TB	2.16E-02	4.23E+00	9.69E-02	4.13E+00	0.00E+00	0.00E+00	1.57E+01	4.53E-05	4.56E-03	4.62E-02	0.00E+00	1.52E-18	2.59E-09	4.15E-08	2.95E-01	6.45E+00	0.00E+00	0.00E+00	1.96E+01	5.72E-18	6.72E+01	0.00E+00	5.47E-07	2.29E-07	1.36E-02	0.00E+00	3.58E+00	0.00E+00	6.72E+01	2.57E-05	6.72E+01	7.08E+01	3.58E+00	0.00E+00	0.00E+00	0.00E+00	6.12E+02
VB418A	-5.06E-02	-3.76E+00	-3.75E-01	-3.38E+00	0.00E+00	0.00E+00	-1.32E+01	-4.72E-03	-2.88E-03	-3.54E-02	0.00E+00	-1.89E-03	-5.02E-09	-5.46E-07	-6.22E-01	-8.24E+01	0.00E+00	0.00E+00	-1.81E+00	-8.75E-01	-8.66E+01	0.00E+00	1.00E-07	-1.19E-07	-1.10E-02	-7.21E-04	-1.20E+01	0.00E+00	-8.66E+01	-1.29E-04	-8.66E+01	-9.86E+01	-1.20E+01	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
VB418B	3.21E-02	5.51E+00	1.33E-01	5.37E+00	0.00E+00	0.00E+00	2.21E+01	6.32E-05	8.60E-03	6.09E-02	0.00E+00	-1.78E-16	3.62E-09	8.28E-08	-1.48E-01	2.70E+00	0.00E+00	0.00E+00	2.71E+01	-3.52E-16	8.74E+01	0.00E+00	7.16E-07	3.05E-07	1.82E-02	0.00E+00	3.97E+00	0.00E+00	8.74E+01	3.45E-05	8.74E+01	9.14E+01	3.97E+00	0.00E+00	0.00E+00	0.00E+00	8.73E+02
VB418C	-5.24E-02	-9.42E+00	-4.24E-01	-8.99E+00	0.00E+00	0.00E+00	-2.45E+01	-3.78E-03	-5.20E-03	-6.22E-02	0.00E+00	-1.86E-03	-1.73E-08	-4.52E-07	-7.18E-01	-3.10E+02	0.00E+00	0.00E+00	-1.72E+01	-8.57E-01	-1.22E+02	0.00E+00	-1.44E-07	-3.91E-07	-2.11E-02	-7.06E-04	-4.68E+01	0.00E+00	-1.22E+02	-1.19E-04	-1.22E+02	-1.68E+02	-4.68E+01	0.00E+00	0.00E+00	0.00E+00	-7.77E+02
VB418L	-3.65E-02	-2.43E+00	-2.60E-01	-2.53E+00	0.00E+00	0.00E+00	-1.33E+01	-4.00E-03	6.66E-04	-1.29E-02	0.00E+00	-1.18E-04	-1.30E-08	-3.94E-07	-5.51E-04	-2.11E+02	0.00E+00	0.00E+00	-2.08E+00	-2.99E-01	-4.88E+01	0.00E+00	1.96E-07	-2.71E-08	-5.95E-03	-2.56E-04	-2.76E+01	0.00E+00	-4.88E+01	-1.24E-04	-4.88E+01	-5.87E+01	-2.76E+01	0.00E+00	0.00E+00	0.00E+00	-3.15E+02
VB418MMP	7.06E-03	-1.87E+00	1.65E-02	-1.91E+00	0.00E+00	0.00E+00	3.20E-01	-1.57E-04	1.51E-03	-1.33E-03	0.00E+00	-1.87E-04	5.55E-10	-6.39E-09	6.10E-02	-1.86E+02	0.00E+00	0.00E+00	1.70E+00	-1.46E-01	2.53E-02	0.00E+00	2.07E-07	-2.73E-08	-9.68E-04	-1.40E-04	-2.56E+01	0.00E+00	2.53E-02	-1.95E-06	2.53E-02	-2.56E+01	-2.56E+01	0.00E+00	0.00E+00	0.00E+00	1.78E+01
VB418MMT	7.87E-03	-1.76E+00	1.80E-02	-1.96E+00	0.00E+00	0.00E+00	1.05E+00	-1.57E-04	2.47E-03	-1.89E-04	0.00E+00	-1.77E-04	5.32E-10	-4.59E-09	6.51E-02	-1.86E+02	0.00E+00	0.00E+00	2.16E+00	-1.43E-01	6.04E+00	0.00E+00	2.17E-07	-2.32E-08	-9.39E-04	-1.33E-04	-2.56E+01	0.00E+00	6.04E+00	-1.30E-06	6.04E+00	-2.43E+01	-2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.65E+01
VB418MTP	7.13E-03	-1.78E+00	9.56E-04	-2.05E+00	0.00E+00	0.00E+00	-1.83E+00	-2.49E-04	2.35E-03	-2.02E-03	0.00E+00	-1.79E-04	7.16E-10	-4.15E-09	6.22E-02	-2.17E+02	0.00E+00	0.00E+00	1.52E+00	-1.47E-01	-8.14E+00	0.00E+00	2.19E-07	-3.21E-08	-1.25E-03	-1.47E-04	-2.81E+01	0.00E+00	-8.14E+00	-9.18E-06	-8.14E+00	-3.11E+01	-2.81E+01	0.00E+00	0.00E+00	0.00E+00	-6.65E+00
VB418MTT	5.99E-03	-1.93E+00	-7.37E-04	-2.00E+00	0.00E+00	0.00E+00	-2.60E+00	-2.49E-04	1.35E-03	-3.38E-03	0.00E+00	-1.88E-04	7.39E-10	-5.96E-09	5.80E-02	-2.16E+02	0.00E+00	0.00E+00	1.04E+00	-1.51E-01	-1.43E+01	0.00E+00	2.11E-07	-3.79E-08	-1.27E-03	-1.54E-04	-2.81E+01	0.00E+00	-1.43E+01	-9.83E-06	-1.43E+01	-3.33E+01	-2.81E+01	0.00E+00	0.00E+00	0.00E+00	-1.77E+01
VB418P	-1.63E-02	-9.24E+00	-4.11E-01	-8.83E+00	0.00E+00	0.00E+00	-1.54E+01	-4.44E-04	-1.62E-03	-4.34E-02	0.00E+00	-1.86E-03	-1.30E-08	-4.00E-08	-7.09E-01	-3.11E+02	0.00E+00	0.00E+00	-9.98E+00	-8.57E-01	-1.19E+02	0.00E+00	-1.28E-07	-3.28E-07	-1.56E-02	-7.06E-04	-4.66E+01	0.00E+00	-1.19E+02	-2.34E-05	-1.19E+02	-1.65E+02	-4.66E+01	0.00E+00	0.00E+00	0.00E+00	-4.72E+02
VB418PB	1.10E-02	-6.63E-01	7.05E-02	-7.34E-01	0.00E+00	0.00E+00	1.13E+01	1.44E-05	2.55E-03	2.24E-02	0.00E+00	1.27E-18	1.48E-09	2.68E-08	2.27E-01	-2.40E+02	0.00E+00	0.00E+00	1.25E+01	4.73E-18	4.11E+01	0.00E+00	3.44E-07	1.36E-08	6.60E-03	0.00E+00	-3.30E+01	0.00E+00	4.11E+01	1.40E-05	4.11E+01	8.04E+00	-3.30E+01	0.00E+00	0.00E+00	0.00E+00	3.36E+02
VB418PE	-1.40E-02	-9.11E+00	-4.15E-01	-8.69E+00	0.00E+00	0.00E+00	-1.44E+01	-3.35E-04	-9.35E-04	-3.98E-02	0.00E+00	-1.90E-03	-9.97E-09	-2.55E-08	-9.80E-01	-3.28E+02	0.00E+00	0.00E+00	-7.51E+00	-8.78E-01	-1.17E+02	0.00E+00	-1.07E-07	-3.06E-07	-1.40E-02	-7.23E-04	-4.89E+01	0.00E+00	-1.17E+02	-1.71E-05	-1.17E+02	-1.66E+02	-4.89E+01	0.00E+00	0.00E+00	0.00E+00	-3.73E+02
VB418PP	1.12E-02	-1.49E+00	-3.25E-01	-1.17E+00	0.00E+00	0.00E+00	4.95E+00	3.90E-05	4.05E-03	1.23E-02	0.00E+00	-1.89E-03	1.78E-09	5.15E-08	-7.79E-01	-7.41E+01	0.00E+00	0.00E+00	1.65E+01	-8.75E-01	-5.33E+01	0.00E+00	3.58E-07	8.71E-08	3.25E-03	-7.21E-04	-9.33E+00	0.00E+00	-5.33E+01	2.18E-05	-5.33E+01	-6.27E+01	-9.33E+00	0.00E+00	0.00E+00	0.00E+00	5.28E+02

VB418R	-5.11E-02	-3.19E+00	-3.58E-01	-2.83E+00	0.00E+00	0.00E+00	-1.85E+01	-5.41E-03	-2.44E-03	-3.09E-02	0.00E+00	-1.80E-03	-1.50E-08	-6.24E-07	-5.49E-01	-7.94E+01	0.00E+00	0.00E+00	-5.52E+00	-8.33E-01	-7.03E+01	0.00E+00	2.33E-07	-1.17E-07	-1.11E-02	-6.86E-04	-1.16E+01	0.00E+00	-7.03E+01	-1.44E-04	-7.03E+01	-8.19E+01	-1.16E+01	0.00E+00	0.00E+00	0.00E+00	-3.65E+02
VB418TB	2.80E-02	5.51E+00	1.23E-01	5.38E+00	0.00E+00	0.00E+00	2.02E+01	5.96E-05	5.76E-03	5.99E-02	0.00E+00	-8.79E-17	3.31E-09	5.21E-08	1.11E-01	9.84E+00	0.00E+00	0.00E+00	2.54E+01	-1.72E-16	8.62E+01	0.00E+00	7.04E-07	2.98E-07	1.77E-02	0.00E+00	4.83E+00	0.00E+00	8.62E+01	3.39E-05	8.62E+01	9.11E+01	4.83E+00	0.00E+00	0.00E+00	0.00E+00	8.03E+02
VD101ND	-2.47E-04	-4.96E-01	-7.51E-03	-1.53E-01	0.00E+00	0.00E+00	-8.65E+00	-1.39E-05	3.95E-05	-2.15E-04	0.00E+00	-8.03E-04	-5.37E-10	-4.17E-09	-4.01E-02	-2.18E+00	0.00E+00	0.00E+00	3.24E-02	-1.57E-01	-6.12E+00	0.00E+00	1.94E-08	-7.66E-09	-2.12E-04	-2.68E-04	-1.36E+00	0.00E+00	-6.12E+00	-2.81E-07	-6.12E+00	-9.28E+00	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
VD101NT	2.42E-04	5.54E-02	1.28E-03	5.41E-02	0.00E+00	0.00E+00	1.28E-01	-2.06E-06	5.38E-05	6.12E-04	0.00E+00	2.43E-20	-3.83E-11	1.29E-10	4.97E-03	9.68E-02	0.00E+00	0.00E+00	1.94E-01	9.31E-20	9.03E-01	0.00E+00	7.89E-09	2.43E-09	1.58E-04	0.00E+00	4.58E-02	0.00E+00	9.03E-01	1.80E-07	9.03E-01	9.49E-01	4.58E-02	0.00E+00	0.00E+00	0.00E+00	4.14E+00
VD102ND	-2.61E-04	-4.96E-01	-7.66E-03	-1.53E-01	0.00E+00	0.00E+00	-8.65E+00	-1.16E-05	3.95E-05	-1.66E-04	0.00E+00	-8.04E-04	-2.53E-10	-4.17E-09	-4.02E-02	-1.65E+00	0.00E+00	0.00E+00	3.07E-02	-1.57E-01	-6.12E+00	0.00E+00	1.94E-08	-7.66E-09	-2.12E-04	-2.68E-04	-1.20E+00	0.00E+00	-6.12E+00	-2.60E-07	-6.12E+00	-9.31E+00	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
VD102NE	-7.36E-05	-1.39E-02	-5.45E-04	-1.33E-02	0.00E+00	0.00E+00	-3.46E-02	-2.47E-06	-8.98E-06	-1.06E-04	0.00E+00	-1.59E-06	-6.86E-11	-2.57E-10	-8.64E-04	-1.78E-01	0.00E+00	0.00E+00	-5.63E-02	-7.33E-04	-1.90E-01	0.00E+00	-5.29E-10	-7.94E-10	-4.56E-05	-6.04E-07	-3.21E-02	0.00E+00	-1.90E-01	-1.32E-07	-1.90E-01	-2.22E-01	-3.21E-02	0.00E+00	0.00E+00	0.00E+00	-2.18E+00
VD102NT	-3.27E-05	-7.34E-03	-1.51E-04	-7.19E-03	0.00E+00	0.00E+00	-1.89E-02	-2.44E-06	-4.80E-06	-5.92E-05	0.00E+00	9.92E-22	-6.68E-11	-2.31E-10	-8.70E-05	-1.12E-01	0.00E+00	0.00E+00	-4.55E-02	3.79E-21	-6.39E-02	0.00E+00	-1.65E-10	-5.82E-10	-3.13E-05	0.00E+00	-2.05E-02	0.00E+00	-6.39E-02	-1.18E-07	-6.39E-02	-8.43E-02	-2.05E-02	0.00E+00	0.00E+00	0.00E+00	-1.83E+00
VD104NE	-3.42E-04	-1.68E-01	-1.50E-02	-1.53E-01	0.00E+00	0.00E+00	-3.66E-01	-2.71E-07	-6.97E-05	-7.73E-04	0.00E+00	-7.13E-05	-1.60E-11	-4.21E-10	-2.56E-02	-2.76E+00	0.00E+00	0.00E+00	2.61E-03	-3.29E-02	-3.80E+00	0.00E+00	-7.43E-10	-3.52E-09	-2.64E-04	-2.71E-05	-4.24E-01	0.00E+00	-3.80E+00	-9.25E-09	-3.80E+00	-4.22E+00	-4.24E-01	0.00E+00	0.00E+00	0.00E+00	-2.62E+00
VD104NT	2.27E-05	2.08E-03	6.86E-05	2.01E-03	0.00E+00	0.00E+00	5.66E-02	8.08E-08	4.64E-06	4.98E-05	0.00E+00	3.15E-21	9.20E-12	1.18E-10	2.70E-04	-2.04E-01	0.00E+00	0.00E+00	3.50E-02	1.11E-20	6.33E-02	0.00E+00	5.66E-10	1.65E-10	1.45E-05	0.00E+00	-2.62E-02	0.00E+00	6.33E-02	2.69E-08	6.33E-02	3.70E-02	-2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.35E+00
VD106NE	-7.40E-04	-1.12E-01	-2.45E-03	-1.10E-01	0.00E+00	0.00E+00	-3.19E-01	-2.94E-05	-8.75E-05	-1.04E-03	0.00E+00	-4.96E-06	-8.17E-10	-2.93E-09	-3.68E-03	-6.61E-01	0.00E+00	0.00E+00	-6.02E-01	-2.29E-03	-1.28E+00	0.00E+00	-4.67E-09	-8.06E-09	-4.75E-04	-1.89E-06	-1.47E-01	0.00E+00	-1.28E+00	-1.59E-06	-1.28E+00	-1.43E+00	-1.47E-01	0.00E+00	0.00E+00	0.00E+00	-2.46E+01
VD106NP	-2.92E-03	-8.30E-02	-1.04E-02	-8.39E-02	0.00E+00	0.00E+00	-5.33E-01	-1.89E-04	5.92E-05	-4.09E-04	0.00E+00	-6.49E-05	-9.79E-10	-1.19E-08	-1.67E-02	-4.40E+00	0.00E+00	0.00E+00	1.84E-02	-1.79E-02	-2.62E+00	0.00E+00	9.11E-09	-8.69E-09	-2.75E-04	-1.53E-05	-7.35E-01	0.00E+00	-2.62E+00	-4.41E-06	-2.62E+00	-3.71E+00	-7.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
VD106PD	-2.64E-03	-8.15E-02	-7.46E-03	-8.00E-02	0.00E+00	0.00E+00	-5.23E-01	-2.03E-04	7.11E-05	-3.24E-04	0.00E+00	-3.52E-05	-1.58E-09	-1.28E-08	-1.66E-02	-5.24E+00	0.00E+00	0.00E+00	3.35E-02	-1.86E-02	-2.42E+00	0.00E+00	1.23E-08	-8.39E-09	-2.65E-04	-1.70E-05	-9.97E-01	0.00E+00	-2.42E+00	-4.69E-06	-2.42E+00	-3.61E+00	-9.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+01
VD106TD	-2.63E-03	-8.15E-02	-7.37E-03	-8.00E-02	0.00E+00	0.00E+00	-5.23E-01	-2.03E-04	7.11E-05	-3.24E-04	0.00E+00	-3.28E-05	-1.58E-09	-1.28E-08	-1.58E-02	-5.29E+00	0.00E+00	0.00E+00	3.35E-02	-1.67E-02	-2.42E+00	0.00E+00	1.23E-08	-8.39E-09	-2.65E-04	-1.13E-05	-9.95E-01	0.00E+00	-2.42E+00	-4.73E-06	-2.42E+00	-3.61E+00	-9.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+01
VD106TF	-2.60E-03	-8.15E-02	-7.37E-03	-8.26E-02	0.00E+00	0.00E+00	-5.23E-01	-1.76E-04	6.66E-05	-4.10E-04	0.00E+00	-3.52E-05	-9.56E-10	-1.24E-08	-1.57E-02	-4.90E+00	0.00E+00	0.00E+00	3.35E-02	-1.67E-02	-2.46E+00	0.00E+00	1.11E-08	-8.27E-09	-2.54E-04	-1.13E-05	-9.46E-01	0.00E+00	-2.46E+00	-4.43E-06	-2.46E+00	-3.68E+00	-9.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
VD108NE	-9.20E-04	-1.39E-01	-2.95E-03	-1.36E-01	0.00E+00	0.00E+00	-3.96E-01	-3.68E-05	-1.09E-04	-1.29E-03	0.00E+00	-5.82E-06	-1.02E-09	-3.66E-09	-4.41E-03	-7.86E-01	0.00E+00	0.00E+00	-7.50E-01	-2.69E-03	-1.57E+00	0.00E+00	-5.79E-09	-1.00E-08	-5.91E-04	-2.21E-06	-1.78E-01	0.00E+00	-1.57E+00	-1.98E-06	-1.57E+00	-1.75E+00	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-3.07E+01
VD108NP	-9.02E-03	-1.05E-01	-1.68E-02	-1.24E-01	0.00E+00	0.00E+00	-5.61E-01	-6.63E-04	4.23E-05	-5.67E-04	0.00E+00	-6.64E-05	-1.56E-09	-6.40E-08	-1.88E-02	-9.67E+00	0.00E+00	0.00E+00	-4.38E-02	-2.74E-02	-3.50E+00	0.00E+00	8.54E-09	-9.44E-09	-3.74E-04	-2.69E-05	-9.27E-01	0.00E+00	-3.50E+00	-1.50E-05	-3.50E+00	-4.26E+00	-9.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
VD108PD	-7.26E-03	-9.97E-02	-1.38E-02	-9.48E-02	0.00E+00	0.00E+00	-5.35E-01	-5.59E-04	6.58E-05	-6.40E-04	0.00E+00	-4.71E-05	-1.61E-09	-5.30E-08	-1.79E-02	-9.26E+00	0.00E+00	0.00E+00	1.44E-02	-3.32E-02	-2.97E+00	0.00E+00	1.15E-08	-8.69E-09	-3.45E-04	-1.83E-05	-1.17E+00	0.00E+00	-2.97E+00	-1.36E-05	-2.97E+00	-4.24E+00	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.37E+01
VD108PP	-9.02E-03	-1.04E-01	-1.41E-02	-1.13E-01	0.00E+00	0.00E+00	-5.51E-01	-6.78E-04	5.68E-05	-6.92E-04	0.00E+00	-2.30E-05	-1.68E-09	-6.20E-08	-1.87E-02	-9.64E+00	0.00E+00	0.00E+00	-2.86E-02	-2.21E-02	-3.11E+00	0.00E+00	9.98E-09	-9.13E-09	-3.78E-04	-1.97E-05	-1.17E+00	0.00E+00	-3.11E+00	-1.54E-05	-3.11E+00	-4.19E+00	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
VD108TD	-7.22E-03	-9.97E-02	-1.38E-02	-9.37E-02	0.00E+00	0.00E+00	-5.35E-01	-5.62E-04	6.55E-05	-5.34E-04	0.00E+00	-4.86E-05	-2.13E-09	-5.40E-08	-1.74E-02	-9.60E+00	0.00E+00	0.00E+00	1.44E-02	-3.32E-02	-2.97E+00	0.00E+00	1.23E-08	-8.69E-09	-3.45E-04	-1.83E-05	-1.15E+00	0.00E+00	-2.97E+00	-1.38E-05	-2.97E+00	-4.24E+00	-1.15E+00	0.00E+00	0.00E+00	0.00E+00	-1.41E+01
VD108TF	-3.11E-03	-7.43E-02	-7.94E-03	-7.93E-02	0.00E+00	0.00E+00	-5.32E-01	-2.46E-04	5.90E-05	-4.95E-04	0.00E+00	-3.48E-05	-1.46E-09	-2.14E-08	-1.52E-02	-4.97E+00	0.00E+00	0.00E+00	4.04E-02	-1.66E-02	-2.32E+00	0.00E+00	1.10E-08	-8.27E-09	-2.75E-04	-1.03E-05	-9.39E-01	0.00E+00	-2.32E+00	-8.37E-06	-2.32E+00	-3.60E+00	-9.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
VD108TP	-1.38E-02	-3.16E-01	-5.25E-03	-3.11E-01	0.00E+00	0.00E+00	-2.47E+00	-8.48E-04	-5.05E-04	-6.36E-03	0.00E+00	-5.82E-06	-2.14E-09	-9.93E-08	-7.16E-03	-8.37E+00	0.00E+00	0.00E+00	-2.43E+00	-2.69E-03	-2.57E+00	0.00E+00	-1.14E-08	-3.00E-08	-2.04E-03	-2.21E-06	-1.35E+00	0.00E+00	-2.57E+00	-3.13E-05	-2.57E+00	-3.91E+00	-1.35E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
VD110NE	-1.09E-03	-1.64E-01	-3.37E-03	-1.60E-01	0.00E+00	0.00E+00	-4.70E-01	-4.39E-05	-1.29E-04	-1.54E-03	0.00E+00	-6.41E-06	-1.22E-09	-4.37E-09	-5.02E-03	-8.82E-01	0.00E+00	0.00E+00	-8.94E-01	-2.96E-03	-1.84E+00	0.00E+00	-6.86E-09	-1.19E-08	-7.04E-04	-2.44E-06	-2.03E-01	0.00E+00	-1.84E+00	-2.37E-06	-1.84E+00	-2.05E+00	-2.03E-01	0.00E+00	0.00E+00	0.00E+00	-3.66E+01
VD110NP	-9.34E-03	-1.05E-01	-1.69E-02	-1.24E-01	0.00E+00	0.00E+00	-5.61E-01	-6.85E-04	3.95E-05	-5.15E-04	0.00E+00	-7.39E-05	-2.60E-09	-6.40E-08	-1.92E-02	-9.76E+00	0.00E+00	0.00E+00	-4.38E-02	-3.01E-02	-3.69E+00	0.00E+00	9.80E-09	-9.44E-09	-3.80E-04	-2.83E-05	-9.63E-01	0.00E+00	-3.69E+00	-1.54E-05	-3.69E+00	-4.27E+00	-9.63E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
VD110PD	-7.72E-03	-1.01E-01	-1.39E-02	-8.90E-02	0.00E+00	0.00E+00	-5.35E-01	-5.71E-04	6.47E-05	-6.03E-04	0.00E+00	-4.91E-05	-1.77E-09	-5.32E-08	-1.80E-02	-9.38E+00	0.00E+00	0.00E+00	1.44E-02	-3.46E-02	-3.01E+00	0.00E+00	1.20E-08	-8.69E-09	-3.52E-04	-1.91E-05	-1.16E+00	0.00E+00	-3.01E+00	-1.39E-05	-3.01E+00	-4.12E+00	-1.16E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E+01
VD110PP	-9.48E-03	-1.05E-01	-1.41E-02	-1.07E-01	0.00E+00	0.00E+00	-5.51E-01	-6.92E-04	5.57E-05	-6.85E-04	0.00E+00	-2.51E-05	-1.97E-09	-6.21E-08	-1.88E-02	-9.86E+00	0.00E+00	0.00E+00	-2.86E-02	-2.41E-02	-3.14E+00	0.00E+00	1.04E-08	-9.13E-09	-3.84E-04	-2.05E-05	-1.17E+00	0.00E+00	-3.14E+00	-1.57E-05	-3.14E+00	-4.12E+00	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.48E+01
VD110PT	9.80E-04	1.34E-01	9.34E-03	1.25E-01	0.00E+00	0.00E+00	3.29E+00	6.21E-06	1.88E-04	2.04E-03	0.00E+00	-6.47E-06	5.36E-10	6.96E-09	1.45E-02	-6.82E+00	0.00E+00	0.00E+00	2.17E+00	-2.99E-03	3.09E+00	0.00E+00	2.59E-08	7.95E-09	5.64E-04	-2.46E-06	-7.09E-01	0.00E+00	3.09E+00	8.49E-07	3.09E+00	2.39E+00	-7.09E-01	0.00E+00	0.00E+00	0.00E+00	7.71E+01
VD110TD	-7.73E-03	-1.01E-01	-1.31E-02	-9.05E-02	0.00E+00	0.00E+00	-5.35E-01	-5.69E-04	6.43E-05	-5.08E-04	0.00E+00	-5.05E-05	-2.17E-09	-5.32E-08	-1.69E-02	-9.84E+00	0.00E+00	0.00E+00	1.44E-02	-3.46E-02	-2.86E+00	0.00E+00	1.31E-08	-8.59E-09	-3.22E-04	-1.70E-05	-1.09E+00	0.00E+00	-2.86E+00	-1.45E-05	-2.86E+00	-4.02E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-1.43E+01
VD110TF	-3.54E-03	-5.99E-02	-8.30E-03	-7.54E-02	0.00E+00	0.00E+00	-5.32E-01	-2.58E-04	7.10E-05	-4.38E-04	0.00E+00	-3.74E-05	-1.50E-09	-1.80E-08	-1.33E-02	-4.98E+00	0.00E+00	0.00E+00	4.67E-02	-1.77E-02	-2.20E+00	0.00E+00	1.14E-08	-8.18E-09	-2.44E-04	-1.23E-05	-8.93E-01	0.00E+00	-2.20E+00	-8.94E-06	-2.20E+00	-3.02E+00	-8.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.36E+01
VD110TP	-1.40E-02	-3.59E-01	-5.71E-03	-3.53E-01	0.00E+00	0.00E+00	-2.56E+00	-8.55E-04	-5.30E-04	-6.65E-03	0.00E+00	-6.41E-06	-2.34E-09	-1.00E-07	-7.87E-03	-9.66E+00	0.00E+00	0.00E+00	-2.58E+00	-2.96E-03	-2.87E+00	0.00E+00	-1.28E-08	-3.26E-08	-2.16E-03	-2.44E-06	-1.55E+00	0.00E+00	-2.87E+00	-3.17E-05	-2.87E+00	-4.42E+00	-1.55E+00	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
VD110TT	-3.85E-03	-6.39E-01	-7.54E-03	-6.32E-01	0.00E+00	0.00E+00	-1.61E+00	-1.56E-04	-4.62E-04	-5.51E-03	0.00E+00	-6.47E-06	-4.36E-09	-1.56E-08	-1.08E-02	-9.50E+00	0.00E+00	0.00E+00	-3.16E+00	-2.99E-03	-5.61E+00	0.00E+00	-2.41E-08	-4.51E-08	-2.50E-03	-2.46E-06	-1.63E+00	0.00E+00	-5.61E+00	-8.44E-06	-5.61E+00	-7.23E+00	-1.63E+00	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
VD112NE	-1.28E-03	-1.96E-01	-4.47E-03	-1.92E-01	0.00E+00	0.00E+00	-5.55E-01	-5.06E-05	-1.52E-04	-1.80E-03	0.00E+00	-9.43E-06	-1.40E-09	-5.05E-09	-6.75E-03	-1.23E+00	0.00E+00	0.00E+00	-1.04E+00	-4.35E-03	-2.26E+00	0.00E+00	-8.14E-09	-1.39E-08	-8.20E-04	-3.59E-06	-2.69E-01	0.00E+00	-2.26E+00	-2.73E-06	-2.26E+00	-2.53E+00	-2.69E-01	0.00E+00	0.00E+00	0.00E+00	-4.24E+01
VD112NP	-5.83E-03	-8.29E-02	-2.65E-02	-1.11E-01	0.00E+00	0.00E+00	-5.80E-01	-2.52E-04	1.10E-04	-8.76E-05	0.00E+00	-1.45E-04	-8.67E-10	-3.97E-08	-1.95E-02	-1.11E+01	0.00E+00	0.00E+00	6.97E-03	-5.31E-02	-4.73E+00	0.00E+00	1.40E-08	-9.39E-09	-3.50E-04	-3.05E-05	-8.64E-01	0.00E+00	-4.73E+00	-9.86E-06	-4.73E+00	-5.29E+00	-8.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.44E+01
VD112PD	-5.21E-03	-8.26E-02	-1.98E-02	-1.01E-01	0.00E+00	0.00E+00	-5.38E-01	-2.25E-04	1.53E-04	-1.06E-04	0.00E+00	-1.76E-04	-7.14E-10	-3.13E-08	-1.62E-02	-1.12E+01	0.00E+00	0.00E+00	6.49E-02	-5.57E-02	-3.49E+00	0.00E+00	1.81E-08	-8.88E-09	-3.26E-04	-1.97E-05	-1.09E+00	0.00E+00	-3.49E+00	-9.04E-06	-3.49E+00	-4.38E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
VD112PP	-5.21E-03	-8.26E-02	-1.98E-02	-1.01E-01	0.00E+00	0.00E+00	-5.38E-01	-2.25E-04	1.53E-04	-1.06E-04	0.00E+00	-1.76E-04	-7.14E-10	-3.13E-08	-1.62E-02	-1.12E+01	0.00E+00	0.00E+00	6.49E-02	-5.57E-02	-3.49E+00	0.00E+00	1.81E-08	-8.88E-09	-3.26E-04	-1.97E-05	-1.09E+00	0.00E+00	-3.49E+00	-9.04E-06	-3.49E+00	-4.38E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
VD112TD	-4.95E-03	-8.26E-02	-2.09E-02	-8.65E-02	0.00E+00	0.00E+00	-5.23E-01	-1.69E-04	1.65E-04	1.22E-04	0.00E+00	-1.75E-04	-6.42E-10	-2.79E-08	-1.58E-02	-1.19E+01	0.00E+00	0.00E+00	7.95E-02	-5.63E-02	-3.27E+00	0.00E+00	3.12E-08	-8.88E-09	-3.20E-04	-1.98E-05	-1.01E+00	0.00E+00	-3.27E+00	-7.83E-06	-3.27E+00	-4.32E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
VD112TF	-5.18E-03	-8.26E-02	-1.92E-02	-9.72E-02	0.00E+00	0.00E+00	-5.23E-01	-2.23E-04	1.47E-04	-4.87E-05	0.00E+00	-1.76E-04	-6.89E-10	-3.31E-08	-1.51E-02	-1.13E+01	0.00E+00	0.00E+00	7.78E-02	-5.81E-02	-3.34E+00	0.00E+00	1.83E-08	-8.77E-09	-3.16E-04	-1.96E-05	-1.03E+00	0.00E+00	-3.34E+00	-8.80E-06	-3.34E+00	-4.38E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
VD112TP	-1.42E-02	-4.33E-01	-6.89E-03	-4.26E-01	0.00E+00	0.00E+00	-2.65E+00	-8.61E-04	-5.59E-04	-7.01E-03	0.00E+00	-9.43E-06	-2.51E-09	-1.01E-07	-9.83E-03	-1.30E+01	0.00E+00	0.00E+00	-2.74E+00	-4.35E-03	-3.34E+00	0.00E+00	-1.45E-08	-3.60E-08	-2.30E-03	-3.59E-06	-2.05E+00	0.00E+00	-3.34E+00	-3.20E-05	-3.34E+00	-5.39E+00	-2.05E+00	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
VD118NE	-1.90E-03	-2.87E-01	-6.11E-03	-2.81E-01	0.00E+00	0.00E+00	-8.20E-01	-7.61E-05	-2.25E-04	-2.68E-03	0.00E+00	-1.21E-05	-2.11E-09	-7.57E-09	-9.14E-03	-1.63E+00	0.00E+00	0.00E+00	-1.55E+00	-5.57E-03	-3.26E+00	0.00E+00	-1.20E-08	-2.08E-08	-1.22E-03	-4.59E-06	-3.68E-01	0.00E+00	-3.26E+00	-4.11E-06	-3.26E+00	-3.62E+00	-3.68E-01	0.00E+00	0.00E+00	0.00E+00	-6.35E+01
VD118NP	-1.22E-03	-2.12E-02	-1.30E-02	-5.32E-02	0.00E+00	0.00E+00	-4.74E-01	-1.07E-04	5.99E-04	1.11E-03	0.00E+00	-9.66E-05	-9.32E-10	-1.35E-08	-1.32E-02	-4.02E+00	0.00E+00	0.00E+00	2.65E-01	-2.74E-02	-3.24E+00	0.00E+00	3.22E-08	-9.43E-09	-2.12E-04	-2.57E-05	-5.14E-01	0.00E+00	-3.24E+00	-8.86E-06	-3.24E+00	-3.33E+00	-5.14E-01	0.00E+00	0.00E+00	0.00E+00	-9.68E+00
VD118PD	-5.19E-04	1.01E-02	-2.42E-03	-1.39E-02	0.00E+00	0.00E+00	-3.86E-01	-1.11E-04	6.43E-04	1.85E-03	0.00E+00	-2.40E-05	-6.60E-10	-5.53E-09	-1.15E-02	-5.16E+00	0.00E+00	0.00E+00	3.17E-01	-2.65E-02	-6.38E-01	0.00E+00	4.54E-08	-7.61E-09	-1.07E-04	-1.64E-05	-8.13E-01	0.00E+00	-6.38E-01	-2.80E-06	-6.38E-01	-1.85E+00	-8.13E-01	0.00E+00	0.00E+00	0.00E+00	-6.99E+00
VD118PP	5.42E-03	9.18E-01	2.52E-02	8.93E-01	0.00E+00	0.00E+00	4.43E+00	9.99E-06	1.85E-03	9.74E-03	0.00E+00	3.56E-19	7.82E-10	2.09E-08	6.68E-02	1.83E+00	0.00E+00	0.00E+00	4.66E+00	1.32E-18	1.38E+01	0.00E+00	1.14E-07	4.62E-08	2.82E-03	0.00E+00	8.97E-01	0.00E+00	1.38E+01	4.25E-06	1.38E+01	1.47E+01	8.97E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
VD118TD	-1.13E-04	2.39E-02	-1.04E-03	-2.02E-03	0.00E+00	0.00E+00	-3.54E-01	-1.03E-04	6.91E-04	1.80E-03	0.00E+00	-2.18E-05	-4.55E-10	-5.09E-09	-8.42E-03	-3.70E+00	0.00E+00	0.00E+00	3.35E-01	-2.68E-02	-4.35E-01	0.00E+00	4.87E-08	-7.06E-09	-5.91E-05	-1.39E-05	-9.93E-01	0.00E+00	-4.35E-01	-2.69E-06	-4.35E-01	-1.50E+00	-9.93E-01	0.00E+00	0.00E+00	0.00E+00	-6.33E+00
VD118TF	-4.06E-03	-9.61E-02	-1.17E-02	-5.54E-02	0.00E+00	0.00E+00	-4.96E-01	-3.59E-04	3.32E-04	9.06E-04	0.00E+00	-5.89E-05	-7.20E-10	-3.05E-08	-1.06E-02	-1.33E+01	0.00E+00	0.00E+00	1.01E-01	-4.26E-02	-2.51E+00	0.00E+00	3.91E-08	-8.38E-09	-2.47E-04	-2.19E-05	-1.17E+00	0.00E+00	-2.51E+00	-9.47E-06	-2.51E+00	-3.59E+00	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.30E+01
VD118TP	5.45E-03	8.80E-01	2.53E-02	8.55E-01	0.00E+00	0.00E+00	4.47E+00	1.03E-05	1.83E-03	9.56E-03	0.00E+00	3.53E-19	7.81E-10	2.10E-08	6.73E-02	1.66E+00	0.00E+00	0.00E+00	4.74E+00	1.32E-18	1.40E+01	0.00E+00	1.15E-07	4.69E-08	2.81E-03	0.00E+00	8.81E-01	0.00E+00	1.40E+01	4.45E-06	1.40E+01	1.49E+01	8.81E-01	0.00E+00	0.00E+00	0.00E+00	1.47E+02
VD212NE	1.80E-03	1.55E+00	4.37E-03	1.55E+00	0.00E+00	0.00E+00	-1.23E-01	-1.01E-04	9.55E-04	1.15E-02	0.00E+00	-1.45E-05	-2.53E-09	-7.09E-09	8.35E-03	-2.96E-01	0.00E+00	0.00E+00	-1.11E+00	-6.72E-03	3.62E-01	0.00E+00	3.27E-08	-2.59E-09	1.75E-03	-5.54E-06	-5.39E-02	0.00E+00	3.62E-01	-5.02E-06	3.62E-01	3.08E-01	-5.39E-02	0.00E+00	0.00E+00	0.00E+00	-5.70E+01
VD212PD	-4.94E-03	-4.29E-02	-8.81E-02	-4.54E-01	0.00E+00	0.00E+00	-7.27E-01	-3.25E-04	1.23E-04	6.79E-05	0.00E+00	-4.96E-04	-1.11E-09	-4.79E-08	-1.00E-01	-1.93E+01	0.00E+00	0.00E+00	-6.60E-02	-2.25E-01	-1.25E+01	0.00E+00	2.18E-08	-1.09E-08	-8.01E-04	-1.91E-04	-2.79E+00	0.00E+00	-1.25E+01	-1.05E-05	-1.25E+01	-1.42E+01	-2.79E+00	0.00E+00	0.00E+00	0.00E+00	-1.97E+01
VD212PDM	6.48E-04	4.75E-02	-6.97E-02	-3.00E-01	0.00E+00	0.00E+00	-6.18E-01	-6.67E-05	1.02E-04	7.93E-04	0.00E+00	-4.27E-04	-1.05E-09	-5.51E-09	-8.81E-02	-8.17E+00	0.00E+00	0.00E+00	6.89E-02	-2.38E-01	-9.03E+00	0.00E+00	2.49E-08	-6.15E-09	-2.10E-04	-1.93E-04	-2.22E+00	0.00E+00	-9.03E+00	-3.95E-06	-9.03E+00	-1.03E+01	-2.22E+00	0.00E+00	0.00E+00	0.00E+00	-1.10E+01
VD212PP	-1.14E-03	-1.23E+00	-1.20E-01	-1.11E+00	0.00E+00	0.00E+00	-9.15E-01	1.92E-06	3.27E-04	-4.62E-03	0.00E+00	-6.15E-04	2.51E-10	9.42E-09	-2.08E-01	-2.33E+01	0.00E+00	0.00E+00	1.65E+00	-2.84E-01	-3.01E+01	0.00E+00	1.48E-08	-2.03E-08	-1.68E-03	-2.34E-04	-3.37E+00	0.00E+00	-3.01E+01	4.11E-07	-3.01E+01	-3.35E+01	-3.37E+00	0.00E+00	0.00E+00	0.00E+00	3.55E+01
VD212TD	-6.94E-03	9.61E-02	-1.87E-02	-2.29E-01	0.00E+00	0.00E+00	-3.63E-01	-4.31E-04	2.91E-04	9.27E-04	0.00E+00	-1.21E-04	-9.10E-10	-5.98E-08	-1.33E-02	-1.69E+01	0.00E+00	0.00E+00	4.44E-03	-4.57E-02	-3.94E+00	0.00E+00	2.76E-08	-1.13E-08	-7.63E-04	-4.39E-05	-3.11E+00	0.00E+00	-3.94E+00	-1.01E-05	-3.94E+00	-4.97E+00	-3.11E+00	0.00E+00	0.00E+00	0.00E+00	-1.71E+01
VD212TF	-4.88E-03	1.53E-01	-1.48E-02	-7.23E-02	0.00E+00	0.00E+00	-3.01E-01	-2.66E-04	2.66E-04	2.24E-03	0.00E+00	-1.10E-04	-9.59E-10	-3.45E-08	-1.03E-02	-1.52E+01	0.00E+00	0.00E+00	1.36E-01	-4.13E-02	-1.76E+00	0.00E+00	4.94E-08	-8.96E-09	-2.86E-04	-2.67E-05	-3.08E+00	0.00E+00	-1.76E+00	-8.37E-06	-1.76E+00	-3.10E+00	-3.08E+00	0.00E+00	0.00E+00	0.00E+00	-1.16E+01
VE103A	-1.66E-03	-1.36E-01	-4.60E-03	-1.99E-01	0.00E+00	0.00E+00	-5.38E-01	-1.29E-04	4.84E-05	-5.84E-04	0.00E+00	-4.92E-06	-1.72E-09	-8.21E-09	-1.79E-02	-9.31E+00	0.00E+00	0.00E+00	-4.38E-02	-1.82E-03	-2.42E+00	0.00E+00	6.06E-09	-1.24E-08	-2.64E-04	-4.34E-06	-1.32E+00	0.00E+00	-2.42E+00	-4.93E-06	-2.42E+00	-3.67E+00	-1.32E+00	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
VE103D	-2.36E-03	-1.23E-01	-4.70E-03	-1.90E-01	0.00E+00	0.00E+00	-5.41E-01	-1.84E-04	8.87E-05	-9.56E-04	0.00E+00	-4.92E-06	-2.02E-09	-2.28E-08	-2.43E-02	-9.24E+00	0.00E+00	0.00E+00	-1.14E-01	-1.82E-03	-2.44E+00	0.00E+00	6.38E-09	-1.27E-08	-2.86E-04	-4.34E-06	-1.23E+00	0.00E+00	-2.44E+00	-6.67E-06	-2.44E+00	-3.69E+00	-1.23E+00	0.00E+00	0.00E+00	0.00E+00	-1.85E+01
VE103E	-7.54E-04	-1.48E-01	-4.53E-03	-2.16E-01	0.00E+00	0.00E+00	-5.66E-01	-4.63E-05	4.67E-05	-6.19E-04	0.00E+00	-9.30E-06	-4.30E-10	-5.18E-09	-1.73E-02	-8.29E+00	0.00E+00	0.00E+00	-2.00E-02	-1.02E-02	-2.52E+00	0.00E+00	5.28E-09	-1.18E-08	-2.50E-04	-5.43E-06	-1.49E+00	0.00E+00	-2.52E+00	-3.22E-06	-2.52E+00	-3.75E+00	-1.49E+00	0.00E+00	0.00E+00	0.00E+00	-1.58E+01
VE103F	7.98E-04	6.23E-01	5.46E-03	6.17E-01	0.00E+00	0.00E+00	7.36E-01	-5.63E-05	4.29E-04	5.07E-03	0.00E+00	-9.08E-08	1.02E-10	-4.60E-09	-1.38E-02	-4.90E+00	0.00E+00	0.00E+00	5.62E-01	-4.20E-05	1.98E+00	0.00E+00	2.03E-08	6.75E-09	1.14E-03	-3.46E-08	-6.18E-01	0.00E+00	1.98E+00	-1.72E-06	1.98E+00	1.36E+00	-6.18E-01	0.00E+00	0.00E+00	0.00E+00	1.75E+01
VE103G	-7.44E-04	-1.48E-01	-5.07E-03	-2.03E-01	0.00E+00	0.00E+00	-5.66E-01	-5.37E-05	4.67E-05	-6.51E-04	0.00E+00	-9.30E-06	-4.62E-10	-5.18E-09	-1.81E-02	-8.90E+00	0.00E+00	0.00E+00	-2.00E-02	-1.02E-02	-2.52E+00	0.00E+00	4.82E-09	-1.18E-08	-2.50E-04	-5.45E-06	-1.68E+00	0.00E+00	-2.52E+00	-3.22E-06	-2.52E+00	-3.75E+00	-1.68E+00	0.00E+00	0.00E+00	0.00E+00	-1.59E+01
VE103L	-8.73E-04	-1.36E-01	-4.33E-03	-1.95E-01	0.00E+00	0.00E+00	-5.38E-01	-1.08E-04	5.04E-05	-5.34E-04	0.00E+00	-3.32E-06	-1.62E-09	-7.54E-09	-1.79E-02	-8.19E+00	0.00E+00	0.00E+00	-4.38E-02	-1.81E-03	-2.41E+00	0.00E+00	6.36E-09	-1.22E-08	-2.64E-04	-3.80E-06	-1.33E+00	0.00E+00	-2.41E+00	-4.73E-06	-2.41E+00	-3.58E+00	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
VE103M	-6.79E-04	-1.22E-01	-4.82E-03	-1.41E-01	0.00E+00	0.00E+00	-5.38E-01	-1.20E-04	9.40E-05	-4.29E-04	0.00E+00	-1.97E-06	-6.49E-10	-1.35E-08	-2.50E-02	-7.67E+00	0.00E+00	0.00E+00	-4.38E-02	-9.64E-04	-2.41E+00	0.00E+00	5.10E-09	-1.22E-08	-2.27E-04	-3.80E-06	-1.35E+00	0.00E+00	-2.41E+00	-5.08E-06	-2.41E+00	-3.61E+00	-1.35E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
VE103N	-1.66E-03	-1.36E-01	-4.54E-03	-1.99E-01	0.00E+00	0.00E+00	-5.38E-01	-1.30E-04	4.84E-05	-6.02E-04	0.00E+00	-4.92E-06	-1.72E-09	-8.21E-09	-1.79E-02	-9.09E+00	0.00E+00	0.00E+00	-4.38E-02	-1.82E-03	-2.42E+00	0.00E+00	6.06E-09	-1.24E-08	-2.64E-04	-4.34E-06	-1.31E+00	0.00E+00	-2.42E+00	-4.93E-06	-2.42E+00	-3.65E+00	-1.31E+00	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
VE103PN	-1.00E-03	-5.62E-01	-1.96E-03	-5.60E-01	0.00E+00	0.00E+00	-4.17E-01	-2.13E-05	-1.62E-04	-2.00E-03	0.00E+00	-2.99E-18	-6.60E-10	-3.02E-09	-1.27E-02	-3.37E+01	0.00E+00	0.00E+00	-6.62E-01	-5.98E-18	-1.54E+00	0.00E+00	-9.64E-09	-2.35E-08	-6.49E-04	0.00E+00	-4.96E+00	0.00E+00	-1.54E+00	-1.06E-06	-1.54E+00	-6.51E+00	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	-2.56E+01
VE103S	-3.01E-03	-2.37E-01	-2.17E-03	-2.35E-01	0.00E+00	0.00E+00	-7.11E-01	-1.67E-04	-1.78E-04	-2.19E-03	0.00E+00	-1.58E-07	-1.11E-09	-1.92E-08	-1.18E-02	-8.29E+00	0.00E+00	0.00E+00	-9.91E-01	-7.29E-05	-1.48E+00	0.00E+00	-7.31E-09	-1.55E-08	-8.11E-04	-6.01E-08	-1.28E+00	0.00E+00	-1.48E+00	-6.59E-06	-1.48E+00	-2.75E+00	-1.28E+00	0.00E+00	0.00E+00	0.00E+00	-4.04E+01
VE103SN	-1.01E-03	-5.72E-01	-1.98E-03	-5.70E-01	0.00E+00	0.00E+00	-4.22E-01	-2.14E-05	-1.64E-04	-2.03E-03	0.00E+00	-2.99E-18	-6.62E-10	-3.04E-09	-1.28E-02	-3.44E+01	0.00E+00	0.00E+00	-6.68E-01	-5.98E-18	-1.56E+00	0.00E+00	-9.78E-09	-2.38E-08	-6.56E-04	0.00E+00	-5.06E+00	0.00E+00	-1.56E+00	-1.06E-06	-1.56E+00	-6.62E+00	-5.06E+00	0.00E+00	0.00E+00	0.00E+00	-2.58E+01
VE103U	-2.41E-04	-1.66E-01	-4.51E-03	-1.81E-01	0.00E+00	0.00E+00	-5.52E-01	-8.60E-05	2.87E-05	-6.92E-04	0.00E+00	-1.96E-06	-2.19E-10	-7.78E-09	-1.75E-02	-8.78E+00	0.00E+00	0.00E+00	-7.50E-02	-1.07E-03	-2.32E+00	0.00E+00	5.67E-09	-1.21E-08	-2.97E-04	-5.11E-06	-1.45E+00	0.00E+00	-2.32E+00	-3.84E-06	-2.32E+00	-3.52E+00	-1.45E+00	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
VE106A	-5.31E-03	-3.63E-01	-3.54E-03	-3.59E-01	0.00E+00	0.00E+00	-1.22E+00	-2.99E-04	-2.97E-04	-3.66E-03	0.00E+00	-2.52E-07	-1.83E-09	-3.44E-08	-2.58E-02	-1.18E+01	0.00E+00	0.00E+00	-1.65E+00	-1.16E-04	-2.40E+00	0.00E+00	-1.17E-08	-2.48E-08	-1.35E-03	-9.57E-08	-1.82E+00	0.00E+00	-2.40E+00	-1.17E-05	-2.40E+00	-4.22E+00	-1.82E+00	0.00E+00	0.00E+00	0.00E+00	-6.76E+01
VE106D	-4.43E-03	-1.56E-01	-8.70E-03	-2.01E-01	0.00E+00	0.00E+00	-5.29E-01	-2.51E-04	9.04E-05	-5.78E-04	0.00E+00	-3.89E-05	-2.00E-09	-2.38E-08	-2.87E-02	-1.17E+01	0.00E+00	0.00E+00	-4.73E-02	-2.82E-02	-2.70E+00	0.00E+00	6.83E-09	-1.18E-08	-2.51E-04	-7.35E-06	-1.62E+00	0.00E+00	-2.70E+00	-8.30E-06	-2.70E+00	-4.12E+00	-1.62E+00	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
VE106E	-9.20E-04	-2.48E-01	-2.09E-03	-2.46E-01	0.00E+00	0.00E+00	-3.84E-01	-3.22E-05	-1.20E-04	-1.45E-03	0.00E+00	-7.13E-18	-9.10E-10	-3.43E-09	-2.40E-02	-9.81E+00	0.00E+00	0.00E+00	-7.34E-01	-1.42E-17	-1.43E+00	0.00E+00	-7.15E-09	-1.36E-08	-5.92E-04	0.00E+00	-1.49E+00	0.00E+00	-1.43E+00	-1.71E-06	-1.43E+00	-2.92E+00	-1.49E+00	0.00E+00	0.00E+00	0.00E+00	-2.90E+01
VE106F	1.69E-03	8.17E-01	5.53E-03	8.11E-01	0.00E+00	0.00E+00	2.83E-01	-3.55E-05	8.51E-04	6.96E-03	0.00E+00	-1.54E-07	-8.22E-10	1.18E-09	8.65E-03	-9.79E+00	0.00E+00	0.00E+00	-1.25E-01	-7.10E-05	1.27E+00	0.00E+00	2.14E-08	6.15E-11	1.30E-03	-5.85E-08	-1.39E+00	0.00E+00	1.27E+00	-1.63E-06	1.27E+00	-1.14E-01	-1.39E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
VE106G	-7.14E-04	-1.39E-01	-4.32E-03	-1.61E-01	0.00E+00	0.00E+00	-5.26E-01	-4.00E-05	5.13E-05	-3.23E-04	0.00E+00	-9.80E-06	-8.44E-10	-5.96E-09	-1.81E-02	-1.14E+01	0.00E+00	0.00E+00	-2.82E-02	-1.02E-02	-2.19E+00	0.00E+00	5.42E-09	-1.20E-08	-2.64E-04	-3.36E-06	-1.73E+00	0.00E+00	-2.19E+00	-3.14E-06	-2.19E+00	-3.84E+00	-1.73E+00	0.00E+00	0.00E+00	0.00E+00	-1.58E+01
VE106H	3.55E-03	3.44E-02	1.07E-02	2.37E-02	0.00E+00	0.00E+00	1.35E+00	-5.02E-05	2.10E-03	3.01E-03	0.00E+00	-1.42E-17	-1.23E-09	1.86E-08	-2.31E-02	-2.70E+01	0.00E+00	0.00E+00	1.16E+00	-2.82E-17	4.10E+00	0.00E+00	4.22E-08	-8.09E-10	6.72E-04	0.00E+00	-3.73E+00	0.00E+00	4.10E+00	-4.05E-07	4.10E+00	3.68E-01	-3.73E+00	0.00E+00	0.00E+00	0.00E+00	3.73E+01
VE106L	-1.47E-03	-1.22E-01	-4.52E-03	-1.28E-01	0.00E+00	0.00E+00	-5.01E-01	-1.83E-04	6.20E-05	-6.81E-05	0.00E+00	-5.58E-06	-2.08E-09	-1.79E-08	-2.05E-02	-1.14E+01	0.00E+00	0.00E+00	-7.11E-02	-2.26E-03	-2.26E+00	0.00E+00	7.13E-09	-1.25E-08	-3.32E-04	-2.92E-06	-1.41E+00	0.00E+00	-2.26E+00	-9.02E-06	-2.26E+00	-3.92E+00	-1.41E+00	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
VE106M	-1.44E-03	-1.32E-01	-5.22E-03	-1.24E-01	0.00E+00	0.00E+00	-5.01E-01	-1.16E-04	1.07E-04	-4.74E-05	0.00E+00	-3.72E-06	-1.14E-09	-1.44E-08	-2.65E-02	-1.32E+01	0.00E+00	0.00E+00	-6.94E-02	-2.29E-03	-2.37E+00	0.00E+00	2.08E-08	-1.26E-08	-2.80E-04	-2.04E-06	-1.71E+00	0.00E+00	-2.37E+00	-7.50E-06	-2.37E+00	-3.92E+00	-1.71E+00	0.00E+00	0.00E+00	0.00E+00	-1.57E+01
VE106N	-8.99E-03	-2.42E-01	-2.16E-02	-5.70E-01	0.00E+00	0.00E+00	-8.24E-02	-6.41E-04	-1.92E-04	-1.08E-02	0.00E+00	-3.65E-05	-2.72E-09	-7.43E-08	-3.05E-02	-1.72E+01	0.00E+00	0.00E+00	6.10E-01	-3.55E-02	-5.35E+00	0.00E+00	7.20E-09	-4.84E-08	-1.75E-03	-1.39E-05	-2.60E+00	0.00E+00	-5.35E+00	-2.54E-05	-5.35E+00	-6.99E+00	-2.60E+00	0.00E+00	0.00E+00	0.00E+00	-2.02E+01
VE106PN	-1.65E-03	-9.40E-01	-3.25E-03	-9.37E-01	0.00E+00	0.00E+00	-6.87E-01	-3.41E-05	-2.68E-04	-3.31E-03	0.00E+00	-7.13E-18	-1.06E-09	-4.90E-09	-2.74E-02	-5.68E+01	0.00E+00	0.00E+00	-1.08E+00	-1.42E-17	-2.55E+00	0.00E+00	-1.60E-08	-3.90E-08	-1.06E-03	0.00E+00	-8.35E+00	0.00E+00	-2.55E+00	-1.68E-06	-2.55E+00	-1.09E+01	-8.35E+00	0.00E+00	0.00E+00	0.00E+00	-4.16E+01
VE106R	-1.25E-03	-1.22E-01	-5.55E-03	-1.14E-01	0.00E+00	0.00E+00	-5.01E-01	-1.42E-04	6.20E-05	-7.65E-05	0.00E+00	-3.71E-06	-1.07E-09	-1.51E-08	-2.07E-02	-1.18E+01	0.00E+00	0.00E+00	-7.11E-02	-1.39E-03	-2.37E+00	0.00E+00	6.03E-09	-1.27E-08	-3.32E-04	-2.92E-06	-1.58E+00	0.00E+00	-2.37E+00	-7.75E-06	-2.37E+00	-3.94E+00	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	-1.63E+01
VE106S	-5.36E-03	-4.13E-01	-3.66E-03	-4.09E-01	0.00E+00	0.00E+00	-1.24E+00	-2.99E-04	-3.07E-04	-3.79E-03	0.00E+00	-2.52E-07	-1.85E-09	-3.45E-08	-2.61E-02	-1.51E+01	0.00E+00	0.00E+00	-1.68E+00	-1.16E-04	-2.49E+00	0.00E+00	-1.24E-08	-2.67E-08	-1.38E-03	-9.57E-08	-2.32E+00	0.00E+00	-2.49E+00	-1.17E-05	-2.49E+00	-4.80E+00	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	-6.86E+01

VE106SN	-1.66E-03	-9.48E-01	-3.27E-03	-9.45E-01	0.00E+00	0.00E+00	-6.91E-01	-3.41E-05	-2.70E-04	-3.34E-03	0.00E+00	-7.13E-18	-1.06E-09	-4.92E-09	-2.75E-02	-5.73E+01	0.00E+00	0.00E+00	-1.08E+00	-1.42E-17	-2.57E+00	0.00E+00	-1.61E-08	-3.93E-08	-1.07E-03	0.00E+00	-8.43E+00	0.00E+00	-2.57E+00	-1.68E-06	-2.57E+00	-1.10E+01	-8.43E+00	0.00E+00	0.00E+00	0.00E+00	-4.18E+01
VE106U	5.19E-04	-2.83E-02	6.19E-03	-3.45E-02	0.00E+00	0.00E+00	2.07E+00	3.52E-06	9.03E-05	9.30E-04	0.00E+00	-7.05E-18	3.14E-10	4.22E-09	-1.11E-02	-1.12E+01	0.00E+00	0.00E+00	1.31E+00	-1.40E-17	1.88E+00	0.00E+00	1.45E-08	1.15E-09	2.70E-04	0.00E+00	-1.46E+00	0.00E+00	1.88E+00	5.41E-07	1.88E+00	4.14E-01	-1.46E+00	0.00E+00	0.00E+00	0.00E+00	4.72E+01
VE106YN	-2.96E-03	-1.90E-01	-4.83E-03	-3.06E-01	0.00E+00	0.00E+00	-3.20E-01	-1.83E-04	3.61E-05	-9.72E-05	0.00E+00	-7.97E-06	-1.01E-09	-2.45E-08	-1.14E-02	-4.33E+01	0.00E+00	0.00E+00	1.09E-01	-5.03E-03	-1.57E+00	0.00E+00	5.86E-09	-1.56E-08	-2.07E-04	-1.51E-06	-5.96E+00	0.00E+00	-1.57E+00	-7.42E-06	-1.57E+00	-2.94E+00	-5.96E+00	0.00E+00	0.00E+00	0.00E+00	-1.42E+01
VE110A	1.76E-03	1.01E+00	6.21E-03	1.00E+00	0.00E+00	0.00E+00	9.72E-02	-6.50E-05	9.48E-04	8.81E-03	0.00E+00	-3.93E-07	-1.60E-09	-2.01E-09	-2.89E-02	-1.72E+01	0.00E+00	0.00E+00	-6.03E-01	-1.81E-04	9.12E-01	0.00E+00	2.52E-08	-6.70E-09	1.46E-03	-1.49E-07	-2.49E+00	0.00E+00	9.12E-01	-3.11E-06	9.12E-01	-1.58E+00	-2.49E+00	0.00E+00	0.00E+00	0.00E+00	-3.26E+01
VE110D	-2.94E-03	-1.45E-01	-1.35E-02	-4.14E-01	0.00E+00	0.00E+00	-6.55E-01	-1.97E-04	-4.58E-05	-3.96E-03	0.00E+00	-1.37E-05	-2.33E-09	-3.57E-08	-3.13E-02	-1.34E+01	0.00E+00	0.00E+00	3.25E-01	-3.43E-02	-4.83E+00	0.00E+00	9.44E-09	-2.99E-08	-1.88E-03	-6.64E-06	-2.03E+00	0.00E+00	-4.83E+00	-9.96E-06	-4.83E+00	-7.21E+00	-2.03E+00	0.00E+00	0.00E+00	0.00E+00	-9.61E+00
VE110E	-1.68E-03	-9.88E-02	-2.99E-03	-1.98E-01	0.00E+00	0.00E+00	-4.70E-01	-9.00E-05	8.34E-05	-4.41E-04	0.00E+00	-1.09E-05	-1.09E-09	-7.88E-09	-1.80E-02	-1.64E+01	0.00E+00	0.00E+00	-1.05E-02	-1.20E-02	-1.84E+00	0.00E+00	7.32E-09	-1.27E-08	-2.44E-04	-3.07E-06	-2.53E+00	0.00E+00	-1.84E+00	-3.96E-06	-1.84E+00	-3.98E+00	-2.53E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
VE110F	-1.13E-02	-4.65E-01	-4.70E-03	-4.60E-01	0.00E+00	0.00E+00	-2.15E+00	-6.76E-04	-4.72E-04	-5.92E-03	0.00E+00	-2.60E-07	-2.14E-09	-7.92E-08	-4.55E-02	-1.82E+01	0.00E+00	0.00E+00	-2.32E+00	-1.20E-04	-2.76E+00	0.00E+00	-1.41E-08	-3.38E-08	-1.94E-03	-9.89E-08	-2.79E+00	0.00E+00	-2.76E+00	-2.52E-05	-2.76E+00	-5.55E+00	-2.79E+00	0.00E+00	0.00E+00	0.00E+00	-9.53E+01
VE110G	-1.67E-03	-9.88E-02	-2.99E-03	-1.98E-01	0.00E+00	0.00E+00	-4.70E-01	-9.52E-05	8.34E-05	-4.14E-04	0.00E+00	-1.09E-05	-1.08E-09	-7.88E-09	-1.81E-02	-1.64E+01	0.00E+00	0.00E+00	-1.05E-02	-1.20E-02	-1.84E+00	0.00E+00	7.06E-09	-1.27E-08	-2.44E-04	-3.15E-06	-2.53E+00	0.00E+00	-1.84E+00	-3.96E-06	-1.84E+00	-3.94E+00	-2.53E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
VE110H	6.36E-03	2.39E-01	2.53E-02	2.14E-01	0.00E+00	0.00E+00	5.60E+00	1.24E-05	2.80E-03	6.88E-03	0.00E+00	-5.20E-07	8.16E-10	3.39E-08	4.28E-02	-3.60E+01	0.00E+00	0.00E+00	5.05E+00	-2.40E-04	1.13E+01	0.00E+00	8.87E-08	2.65E-08	2.26E-03	-1.98E-07	-4.60E+00	0.00E+00	1.13E+01	4.56E-06	1.13E+01	6.67E+00	-4.60E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+02
VE110L	2.98E-03	1.10E+00	9.05E-03	1.09E+00	0.00E+00	0.00E+00	6.19E-01	-4.85E-05	1.65E-03	9.67E-03	0.00E+00	-2.05E-17	-1.09E-09	7.26E-09	-4.72E-02	-1.61E+01	0.00E+00	0.00E+00	5.66E-02	-4.05E-17	1.87E+00	0.00E+00	3.16E-08	1.90E-10	1.84E-03	0.00E+00	-2.27E+00	0.00E+00	1.87E+00	-2.24E-06	1.87E+00	-3.99E-01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	-6.54E+00
VE110M	-3.16E-03	-8.60E-02	-6.31E-03	-6.46E-02	0.00E+00	0.00E+00	-4.77E-01	-3.38E-04	3.56E-04	1.52E-04	0.00E+00	-3.61E-06	-1.72E-09	-4.20E-08	-2.68E-02	-1.43E+01	0.00E+00	0.00E+00	-1.11E-01	-2.11E-03	-2.15E+00	0.00E+00	9.34E-09	-1.31E-08	-3.62E-04	-4.30E-06	-1.96E+00	0.00E+00	-2.15E+00	-1.06E-05	-2.15E+00	-4.09E+00	-1.96E+00	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
VE110N	-2.49E-03	-1.38E-01	-1.31E-02	-4.05E-01	0.00E+00	0.00E+00	-7.41E-01	-1.91E-04	-7.75E-05	-3.57E-03	0.00E+00	-1.37E-05	-1.23E-09	-3.32E-08	-2.51E-02	-1.59E+01	0.00E+00	0.00E+00	4.30E-01	-3.43E-02	-5.16E+00	0.00E+00	9.54E-09	-2.99E-08	-1.89E-03	-6.64E-06	-2.33E+00	0.00E+00	-5.16E+00	-9.46E-06	-5.16E+00	-7.17E+00	-2.33E+00	0.00E+00	0.00E+00	0.00E+00	-7.08E+00
VE110PN	-2.30E-03	-1.32E+00	-4.54E-03	-1.32E+00	0.00E+00	0.00E+00	-9.61E-01	-4.67E-05	-3.75E-04	-4.64E-03	0.00E+00	-1.34E-17	-1.46E-09	-6.79E-09	-4.84E-02	-8.02E+01	0.00E+00	0.00E+00	-1.49E+00	-2.68E-17	-3.58E+00	0.00E+00	-2.24E-08	-5.47E-08	-1.48E-03	0.00E+00	-1.18E+01	0.00E+00	-3.58E+00	-2.30E-06	-3.58E+00	-1.54E+01	-1.18E+01	0.00E+00	0.00E+00	0.00E+00	-5.77E+01
VE110PVH	-1.29E-03	-3.76E-01	-2.92E-03	-3.73E-01	0.00E+00	0.00E+00	-5.33E-01	-4.39E-05	-1.71E-04	-2.07E-03	0.00E+00	-4.03E-18	-1.25E-09	-4.74E-09	-1.63E-02	-1.60E+01	0.00E+00	0.00E+00	-1.02E+00	-8.04E-18	-1.98E+00	0.00E+00	-1.02E-08	-1.99E-08	-8.29E-04	0.00E+00	-2.41E+00	0.00E+00	-1.98E+00	-2.32E-06	-1.98E+00	-4.39E+00	-2.41E+00	0.00E+00	0.00E+00	0.00E+00	-4.01E+01
VE110S	-1.46E-06	-1.62E-01	2.59E-04	-1.62E-01	0.00E+00	0.00E+00	-9.85E-02	-6.22E-05	1.71E-04	-5.91E-04	0.00E+00	4.67E-20	-1.72E-09	-2.92E-09	3.75E-03	-8.37E+00	0.00E+00	0.00E+00	-5.75E-01	1.79E-19	2.10E-01	0.00E+00	9.41E-09	-1.09E-08	-4.86E-04	0.00E+00	-1.23E+00	0.00E+00	2.10E-01	-2.21E-06	2.10E-01	-1.02E+00	-1.23E+00	0.00E+00	0.00E+00	0.00E+00	-2.63E+01
VE110SN	-2.32E-03	-1.35E+00	-4.61E-03	-1.34E+00	0.00E+00	0.00E+00	-9.71E-01	-4.68E-05	-3.80E-04	-4.70E-03	0.00E+00	-1.34E-17	-1.46E-09	-6.84E-09	-4.85E-02	-8.18E+01	0.00E+00	0.00E+00	-1.51E+00	-2.68E-17	-3.63E+00	0.00E+00	-2.27E-08	-5.56E-08	-1.50E-03	0.00E+00	-1.20E+01	0.00E+00	-3.63E+00	-2.30E-06	-3.63E+00	-1.56E+01	-1.20E+01	0.00E+00	0.00E+00	0.00E+00	-5.81E+01
VE110U	8.47E-04	-3.03E-03	8.71E-03	-1.17E-02	0.00E+00	0.00E+00	2.77E+00	2.81E-06	1.52E-04	1.60E-03	0.00E+00	-7.15E-18	3.67E-10	5.52E-09	-6.89E-03	-1.52E+01	0.00E+00	0.00E+00	1.82E+00	-1.41E-17	2.95E+00	0.00E+00	2.30E-08	2.90E-09	4.55E-04	0.00E+00	-1.97E+00	0.00E+00	2.95E+00	8.63E-07	2.95E+00	9.75E-01	-1.97E+00	0.00E+00	0.00E+00	0.00E+00	6.51E+01
VE110YN	-3.96E-03	-7.72E-02	-6.42E-03	-5.57E-01	0.00E+00	0.00E+00	-3.12E-01	-2.92E-04	1.32E-04	-8.77E-04	0.00E+00	-7.78E-06	-2.11E-09	-4.19E-08	-1.50E-02	-8.22E+01	0.00E+00	0.00E+00	3.62E-01	-5.68E-03	-1.44E+00	0.00E+00	8.11E-10	-1.62E-08	-1.87E-04	-3.80E-06	-1.04E+01	0.00E+00	-1.44E+00	-8.91E-06	-1.44E+00	-4.74E+00	-1.04E+01	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
VE112DK	-1.21E-02	-5.82E-02	-1.26E-03	-9.40E-02	0.00E+00	0.00E+00	-5.74E-01	-1.04E-03	2.60E-04	-3.31E-03	0.00E+00	-1.12E-06	-2.43E-09	-9.31E-08	-1.00E-01	-3.06E+01	0.00E+00	0.00E+00	-4.28E-01	-3.70E-04	-2.02E+00	0.00E+00	6.10E-09	-1.82E-08	-1.21E-03	-4.66E-06	-4.37E+00	0.00E+00	-2.02E+00	-2.06E-05	-2.02E+00	-5.65E+00	-4.37E+00	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
VE112DN	1.99E-03	-5.07E-02	7.22E-03	-2.82E-01	0.00E+00	0.00E+00	-6.89E-01	-2.02E-04	2.24E-03	3.74E-03	0.00E+00	-4.44E-07	-3.36E-09	-2.08E-08	-5.72E-01	-2.18E+01	0.00E+00	0.00E+00	-4.32E-01	-3.37E-04	3.08E-02	0.00E+00	3.25E-08	-1.66E-08	7.14E-04	-3.53E-07	-3.14E+00	0.00E+00	3.08E-02	-1.46E-05	3.08E-02	-4.64E+00	-3.14E+00	0.00E+00	0.00E+00	0.00E+00	-3.96E+01
VE112E	-6.43E-03	4.01E-02	-4.97E-03	-1.61E-01	0.00E+00	0.00E+00	-5.54E-01	-3.45E-04	-5.02E-06	-2.52E-03	0.00E+00	-4.13E-06	-1.96E-09	-2.95E-08	-6.79E-02	-3.08E+01	0.00E+00	0.00E+00	-3.39E-01	-1.79E-03	-2.15E+00	0.00E+00	1.36E-08	-1.79E-08	-1.18E-03	-4.66E-06	-4.23E+00	0.00E+00	-2.15E+00	-7.37E-06	-2.15E+00	-6.22E+00	-4.23E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
VE112F	-2.27E-02	-9.95E-01	-9.02E-03	-9.86E-01	0.00E+00	0.00E+00	-4.29E+00	-1.37E-03	-9.30E-04	-1.17E-02	0.00E+00	-6.09E-17	-3.88E-09	-1.60E-07	-1.90E-01	-4.43E+01	0.00E+00	0.00E+00	-4.43E+00	-1.22E-16	-5.40E+00	0.00E+00	-2.74E-08	-6.80E-08	-3.74E-03	0.00E+00	-6.72E+00	0.00E+00	-5.40E+00	-4.14E-05	-5.40E+00	-1.21E+01	-6.72E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E+02
VE112G	-6.38E-03	4.01E-02	-4.97E-03	-1.49E-01	0.00E+00	0.00E+00	-5.54E-01	-3.46E-04	-1.32E-05	-2.58E-03	0.00E+00	-4.13E-06	-1.96E-09	-2.95E-08	-6.79E-02	-3.10E+01	0.00E+00	0.00E+00	-3.39E-01	-1.79E-03	-2.15E+00	0.00E+00	1.36E-08	-1.81E-08	-1.18E-03	-4.66E-06	-4.22E+00	0.00E+00	-2.15E+00	-7.50E-06	-2.15E+00	-6.22E+00	-4.22E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
VE112H	-2.72E-02	-4.38E-01	1.85E-02	-4.56E-01	0.00E+00	0.00E+00	-5.01E+00	-3.69E-03	2.89E-03	-1.31E-02	0.00E+00	3.48E-19	-6.72E-09	-3.80E-07	4.50E-02	-7.39E+01	0.00E+00	0.00E+00	-2.92E+00	1.33E-18	1.10E+01	0.00E+00	1.10E-07	-5.61E-08	-3.71E-03	0.00E+00	-1.04E+01	0.00E+00	1.10E+01	-1.01E-04	1.10E+01	6.22E-01	-1.04E+01	0.00E+00	0.00E+00	0.00E+00	-1.58E+02
VE112L	9.33E-04	2.79E+00	2.25E-02	2.77E+00	0.00E+00	0.00E+00	1.98E+00	-5.14E-04	1.86E-03	2.20E-02	0.00E+00	4.91E-19	5.98E-12	-5.28E-08	3.71E-02	-3.16E+01	0.00E+00	0.00E+00	1.49E+00	1.84E-18	8.14E+00	0.00E+00	8.62E-08	1.96E-08	4.78E-03	0.00E+00	-4.24E+00	0.00E+00	8.14E+00	-1.74E-05	8.14E+00	3.90E+00	-4.24E+00	0.00E+00	0.00E+00	0.00E+00	3.73E+01
VE112M	-5.18E-03	-7.94E-02	1.96E-03	-1.04E-01	0.00E+00	0.00E+00	-5.36E-01	-2.40E-04	2.14E-03	4.17E-03	0.00E+00	-3.58E-06	-2.67E-09	-9.11E-09	-5.56E-01	-2.22E+01	0.00E+00	0.00E+00	-1.08E-01	-3.70E-04	-6.28E-01	0.00E+00	3.49E-08	-1.97E-08	1.24E-03	-1.26E-06	-2.67E+00	0.00E+00	-6.28E-01	-1.08E-05	-6.28E-01	-4.13E+00	-2.67E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
VE112N	-7.72E-03	3.45E-01	-2.05E-03	5.46E-01	0.00E+00	0.00E+00	-5.63E-01	-4.87E-04	5.53E-04	-2.64E-03	0.00E+00	-6.43E-06	-1.73E-09	-4.87E-08	-5.65E-02	-2.92E+01	0.00E+00	0.00E+00	-5.06E-01	-2.44E-03	-1.14E+00	0.00E+00	8.83E-09	-1.92E-08	-1.29E-03	-9.30E-06	-3.61E+00	0.00E+00	-1.14E+00	-1.08E-05	-1.14E+00	-5.21E+00	-3.61E+00	0.00E+00	0.00E+00	0.00E+00	-2.97E+01
VE112PN	-4.29E-03	-2.77E+00	-8.97E-03	-2.76E+00	0.00E+00	0.00E+00	-1.83E+00	-7.18E-05	-7.33E-04	-9.10E-03	0.00E+00	-6.09E-17	-2.33E-09	-1.18E-08	-1.96E-01	-1.73E+02	0.00E+00	0.00E+00	-2.65E+00	-1.22E-16	-7.03E+00	0.00E+00	-4.45E-08	-1.11E-07	-2.77E-03	0.00E+00	-2.54E+01	0.00E+00	-7.03E+00	-3.38E-06	-7.03E+00	-3.25E+01	-2.54E+01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
VE112PVH	-2.05E-03	-6.59E-01	-5.28E-03	-6.54E-01	0.00E+00	0.00E+00	-8.76E-01	-6.54E-05	-2.78E-04	-3.38E-03	0.00E+00	-4.05E-17	-1.86E-09	-7.25E-09	-1.26E-01	-3.00E+01	0.00E+00	0.00E+00	-1.59E+00	-8.08E-17	-3.44E+00	0.00E+00	-1.73E-08	-3.32E-08	-1.31E-03	0.00E+00	-4.51E+00	0.00E+00	-3.44E+00	-3.43E-06	-3.44E+00	-7.95E+00	-4.51E+00	0.00E+00	0.00E+00	0.00E+00	-6.15E+01
VE112S	6.57E-03	6.60E-01	1.99E-02	6.40E-01	0.00E+00	0.00E+00	4.33E+00	1.06E-05	3.03E-03	7.30E-03	0.00E+00	-2.72E-16	7.55E-10	3.37E-08	-7.56E-01	2.34E-01	0.00E+00	0.00E+00	4.50E+00	-5.43E-16	8.76E+00	0.00E+00	8.27E-08	4.05E-08	2.30E-03	0.00E+00	5.52E-01	0.00E+00	8.76E+00	4.29E-06	8.76E+00	9.31E+00	5.52E-01	0.00E+00	0.00E+00	0.00E+00	1.67E+02
VE112SN	-4.34E-03	-2.82E+00	-9.08E-03	-2.81E+00	0.00E+00	0.00E+00	-1.85E+00	-7.20E-05	-7.43E-04	-9.23E-03	0.00E+00	-6.09E-17	-2.34E-09	-1.19E-08	-1.97E-01	-1.76E+02	0.00E+00	0.00E+00	-2.68E+00	-1.22E-16	-7.11E+00	0.00E+00	-4.51E-08	-1.13E-07	-2.80E-03	0.00E+00	-2.59E+01	0.00E+00	-7.11E+00	-3.38E-06	-7.11E+00	-3.30E+01	-2.59E+01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
VE112U	-5.53E-04	-9.69E-02	-2.18E-04	-9.66E-02	0.00E+00	0.00E+00	-4.13E-01	-1.49E-04	-4.37E-05	-7.20E-04	0.00E+00	1.07E-19	-4.09E-09	-1.25E-08	8.97E-03	-1.64E+00	0.00E+00	0.00E+00	-1.55E+00	4.10E-19	4.27E-01	0.00E+00	2.18E-08	-1.86E-08	-1.06E-03	0.00E+00	-2.96E-01	0.00E+00	4.27E-01	-5.52E-06	4.27E-01	1.31E-01	-2.96E-01	0.00E+00	0.00E+00	0.00E+00	-7.04E+01
VE118AK	-6.59E-02	-1.63E+00	-1.76E-02	-1.61E+00	0.00E+00	0.00E+00	-1.15E+01	-4.10E-03	-2.31E-03	-2.91E-02	0.00E+00	-7.33E-17	-8.54E-09	-4.79E-07	-2.36E-01	-6.64E+01	0.00E+00	0.00E+00	-1.07E+01	-1.46E-16	-9.74E+00	0.00E+00	-5.01E-08	-1.41E-07	-8.96E-03	0.00E+00	-1.02E+01	0.00E+00	-9.74E+00	-1.21E-04	-9.74E+00	-2.00E+01	-1.02E+01	0.00E+00	0.00E+00	0.00E+00	-4.45E+02
VE118H	1.20E-02	-4.49E-01	3.42E-02	-4.83E-01	0.00E+00	0.00E+00	4.72E+00	-2.01E-04	6.89E-03	7.33E-03	0.00E+00	-9.33E-17	-5.24E-09	5.46E-08	-2.06E-01	-9.40E+01	0.00E+00	0.00E+00	4.29E+00	-1.86E-16	1.59E+01	0.00E+00	1.56E-07	-4.07E-09	1.65E-03	0.00E+00	-1.30E+01	0.00E+00	1.59E+01	-4.77E-07	1.59E+01	2.93E+00	-1.30E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
VE118L	-5.72E-03	9.55E-02	1.24E-03	9.42E-02	0.00E+00	0.00E+00	-1.29E+00	-7.59E-04	-1.03E-04	-1.77E-03	0.00E+00	-1.92E-17	-3.82E-09	-8.45E-08	-4.11E-02	-2.36E+00	0.00E+00	0.00E+00	-1.48E+00	-3.81E-17	3.11E+00	0.00E+00	4.15E-08	-1.30E-08	-1.08E-03	0.00E+00	-3.25E-01	0.00E+00	3.11E+00	-2.57E-05	3.11E+00	2.79E+00	-3.25E-01	0.00E+00	0.00E+00	0.00E+00	-7.07E+01
VE118PN	-5.84E-03	-3.77E+00	-1.22E-02	-3.76E+00	0.00E+00	0.00E+00	-2.48E+00	-9.81E-05	-9.98E-04	-1.24E-02	0.00E+00	-7.33E-17	-3.19E-09	-1.61E-08	-2.39E-01	-2.36E+02	0.00E+00	0.00E+00	-3.62E+00	-1.46E-16	-9.52E+00	0.00E+00	-6.05E-08	-1.51E-07	-3.77E-03	0.00E+00	-3.46E+01	0.00E+00	-9.52E+00	-4.63E-06	-9.52E+00	-4.41E+01	-3.46E+01	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
VE118S	-4.96E-02	-1.18E+00	-7.03E-03	-1.17E+00	0.00E+00	0.00E+00	-1.01E+01	-4.94E-03	-2.25E-03	-2.90E-02	0.00E+00	-2.85E-16	-5.87E-09	-5.74E-07	-8.33E-01	-6.84E+01	0.00E+00	0.00E+00	-8.20E+00	-5.68E-16	-4.95E+00	0.00E+00	-1.47E-08	-1.19E-07	-8.22E-03	0.00E+00	-1.01E+01	0.00E+00	-4.95E+00	-1.42E-04	-4.95E+00	-1.51E+01	-1.01E+01	0.00E+00	0.00E+00	0.00E+00	-3.57E+02
VE118SN	-5.91E-03	-3.83E+00	-1.23E-02	-3.82E+00	0.00E+00	0.00E+00	-2.51E+00	-9.83E-05	-1.01E-03	-1.26E-02	0.00E+00	-7.33E-17	-3.20E-09	-1.62E-08	-2.39E-01	-2.40E+02	0.00E+00	0.00E+00	-3.65E+00	-1.46E-16	-9.62E+00	0.00E+00	-6.13E-08	-1.53E-07	-3.81E-03	0.00E+00	-3.52E+01	0.00E+00	-9.62E+00	-4.63E-06	-9.62E+00	-4.48E+01	-3.52E+01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
VE118YN	-7.60E-03	-3.62E+00	-1.27E-02	-3.72E+00	0.00E+00	0.00E+00	-8.24E-01	-6.19E-04	-9.15E-04	-8.13E-03	0.00E+00	-1.71E-05	-3.77E-09	-6.59E-08	-1.82E-01	-2.37E+02	0.00E+00	0.00E+00	-1.87E+00	-1.03E-02	-6.10E+00	0.00E+00	-3.01E-08	-1.49E-07	-2.00E-03	-9.92E-06	-3.52E+01	0.00E+00	-6.10E+00	-1.77E-05	-6.10E+00	-4.14E+01	-3.52E+01	0.00E+00	0.00E+00	0.00E+00	-7.07E+01
VE212DN	1.25E-02	4.04E+00	4.26E-02	3.99E+00	0.00E+00	0.00E+00	6.30E+00	4.23E-06	5.45E-03	3.69E-02	0.00E+00	-2.96E-16	1.26E-09	3.85E-08	-7.99E-01	-5.38E+01	0.00E+00	0.00E+00	5.40E+00	-5.90E-16	1.31E+01	0.00E+00	1.47E-07	4.88E-08	8.56E-03	0.00E+00	-7.08E+00	0.00E+00	1.31E+01	2.63E-06	1.31E+01	6.05E+00	-7.08E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+02
VE212E	8.29E-03	3.81E+00	3.16E-02	3.78E+00	0.00E+00	0.00E+00	4.30E+00	1.18E-06	2.84E-03	3.38E-02	0.00E+00	6.59E-19	8.59E-10	1.04E-08	5.09E-02	-4.50E+01	0.00E+00	0.00E+00	3.27E+00	2.48E-18	1.14E+01	0.00E+00	1.18E-07	3.80E-08	7.61E-03	0.00E+00	-6.04E+00	0.00E+00	1.14E+01	1.63E-06	1.14E+01	5.37E+00	-6.04E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+02
VE212H	-1.77E-01	1.12E+00	7.83E-04	1.12E+00	0.00E+00	0.00E+00	-4.07E+01	-1.89E-02	-6.12E-03	-8.15E-02	0.00E+00	-1.86E-17	-2.84E-08	-2.20E-06	2.34E-02	-1.33E+01	0.00E+00	0.00E+00	-2.92E+01	-3.57E-17	1.75E+01	0.00E+00	2.10E-07	-2.52E-07	-2.41E-02	0.00E+00	-2.20E+00	0.00E+00	1.75E+01	-5.77E-04	1.75E+01	1.53E+01	-2.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+03
VE212L	1.16E-03	9.84E-02	3.36E-03	9.50E-02	0.00E+00	0.00E+00	2.91E-01	-1.37E-04	5.88E-04	1.54E-03	0.00E+00	-8.64E-17	-3.71E-09	-5.25E-09	-2.35E-01	-1.79E+00	0.00E+00	0.00E+00	-4.40E-01	-1.72E-16	2.98E+00	0.00E+00	4.57E-08	-5.01E-09	-2.85E-04	0.00E+00	-2.06E-01	0.00E+00	2.98E+00	-3.57E-06	2.98E+00	2.77E+00	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E+01
VE212PN	-6.49E-03	-3.86E+00	-1.32E-02	-3.85E+00	0.00E+00	0.00E+00	-2.76E+00	-1.26E-04	-1.07E-03	-1.33E-02	0.00E+00	-8.54E-17	-3.95E-09	-1.88E-08	-2.76E-01	-2.36E+02	0.00E+00	0.00E+00	-4.16E+00	-1.71E-16	-1.05E+01	0.00E+00	-6.44E-08	-1.58E-07	-4.20E-03	0.00E+00	-3.47E+01	0.00E+00	-1.05E+01	-6.11E-06	-1.05E+01	-4.51E+01	-3.47E+01	0.00E+00	0.00E+00	0.00E+00	-1.60E+02
VE212S	1.32E-02	4.38E+00	3.91E-02	4.34E+00	0.00E+00	0.00E+00	3.82E+00	-1.49E-04	6.14E-03	3.56E-02	0.00E+00	-2.96E-16	-3.23E-09	2.99E-08	-7.91E-01	2.79E+00	0.00E+00	0.00E+00	3.32E+00	-5.90E-16	1.47E+01	0.00E+00	1.76E-07	6.01E-08	7.57E-03	0.00E+00	1.00E+00	0.00E+00	1.47E+01	-2.25E-06	1.47E+01	1.57E+01	1.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E+01
VE212SN	-6.56E-03	-3.92E+00	-1.33E-02	-3.91E+00	0.00E+00	0.00E+00	-2.79E+00	-1.26E-04	-1.09E-03	-1.35E-02	0.00E+00	-8.54E-17	-3.96E-09	-1.89E-08	-2.76E-01	-2.40E+02	0.00E+00	0.00E+00	-4.19E+00	-1.71E-16	-1.06E+01	0.00E+00	-6.52E-08	-1.60E-07	-4.24E-03	0.00E+00	-3.52E+01	0.00E+00	-1.06E+01	-6.11E-06	-1.06E+01	-4.58E+01	-3.52E+01	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
VE212U	-3.12E-02	-1.68E-01	-5.61E-03	-1.62E-01	0.00E+00	0.00E+00	-7.78E+00	-3.27E-03	-1.28E-03	-1.68E-02	0.00E+00	-8.64E-17	-8.17E-09	-3.79E-07	-2.43E-01	-4.76E+00	0.00E+00	0.00E+00	-7.00E+00	-1.72E-16	-4.34E-01	0.00E+00	2.80E-08	-7.00E-08	-5.66E-03	0.00E+00	-9.02E-01	0.00E+00	-4.34E-01	-1.17E-04	-4.34E-01	-1.34E+00	-9.02E-01	0.00E+00	0.00E+00	0.00E+00	-3.06E+02
VE212YN	-6.01E-03	-3.47E+00	-6.11E-03	-3.64E+00	0.00E+00	0.00E+00	5.59E+00	-6.23E-04	-2.28E-04	-6.34E-03	0.00E+00	-6.58E-05	-3.05E-09	-6.63E-08	-1.57E-01	-2.43E+02	0.00E+00	0.00E+00	3.51E+00	-1.39E-02	1.50E+01	0.00E+00	1.14E-08	-1.44E-07	1.47E-03	-5.46E-06	-3.52E+01	0.00E+00	1.50E+01	-1.50E-05	1.50E+01	-1.87E+01	-3.52E+01	0.00E+00	0.00E+00	0.00E+00	4.91E+01
VE218F	-5.32E-03	6.61E+00	5.72E-02	6.55E+00	0.00E+00	0.00E+00	4.00E+00	-2.19E-03	3.82E-03	4.42E-02	0.00E+00	-1.83E-17	-9.18E-10	-2.34E-07	5.94E-02	-6.07E-01	0.00E+00	0.00E+00	4.99E+00	-3.44E-17	2.96E+01	0.00E+00	2.75E-07	9.76E-08	1.02E-02	0.00E+00	1.02E+00	0.00E+00	2.96E+01	-5.40E-05	2.96E+01	3.06E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+02
VE218H	-7.69E-02	-1.81E+00	2.67E-02	-1.84E+00	0.00E+00	0.00E+00	-1.71E+01	-9.46E-03	5.66E-03	-4.26E-02	0.00E+00	-1.87E-17	-1.88E-08	-9.88E-07	2.27E-03	-2.08E+02	0.00E+00	0.00E+00	-1.38E+01	-3.60E-17	7.95E+00	0.00E+00	1.32E-07	-2.30E-07	-1.32E-02	0.00E+00	-3.02E+01	0.00E+00	7.95E+00	-2.69E-04	7.95E+00	-2.22E+01	-3.02E+01	0.00E+00	0.00E+00	0.00E+00	-6.43E+02
VE218L	-5.49E-03	1.08E+00	2.32E-02	1.06E+00	0.00E+00	0.00E+00	3.74E+00	-1.12E-03	5.96E-04	5.93E-03	0.00E+00	-1.30E-16	-4.04E-10	-1.20E-07	-3.23E-01	-1.57E+00	0.00E+00	0.00E+00	4.13E+00	-2.59E-16	1.56E+01	0.00E+00	1.32E-07	4.27E-08	1.86E-03	0.00E+00	4.66E-01	0.00E+00	1.56E+01	-3.34E-05	1.56E+01	1.60E+01	4.66E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
VE218PN	-9.17E-03	-5.47E+00	-1.85E-02	-5.45E+00	0.00E+00	0.00E+00	-3.89E+00	-1.77E-04	-1.52E-03	-1.88E-02	0.00E+00	-1.10E-16	-5.56E-09	-2.65E-08	-3.59E-01	-3.34E+02	0.00E+00	0.00E+00	-5.87E+00	-2.20E-16	-1.47E+01	0.00E+00	-9.11E-08	-2.24E-07	-5.93E-03	0.00E+00	-4.92E+01	0.00E+00	-1.47E+01	-8.59E-06	-1.47E+01	-6.39E+01	-4.92E+01	0.00E+00	0.00E+00	0.00E+00	-2.25E+02
VE218S	1.14E-02	1.14E+00	3.88E-02	1.11E+00	0.00E+00	0.00E+00	8.88E+00	2.21E-05	4.77E-03	1.38E-02	0.00E+00	-1.84E-16	1.44E-09	5.48E-08	-4.64E-01	-8.98E+00	0.00E+00	0.00E+00	8.60E+00	-3.67E-16	1.93E+01	0.00E+00	1.61E-07	7.43E-08	4.39E-03	0.00E+00	-2.80E-01	0.00E+00	1.93E+01	8.51E-06	1.93E+01	1.90E+01	-2.80E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+02
VE218SN	-3.21E-03	-4.79E+00	-9.13E-04	-4.79E+00	0.00E+00	0.00E+00	1.17E+00	-1.22E-05	-8.73E-04	-1.13E-02	0.00E+00	1.39E-19	-6.41E-10	-3.90E-09	-1.19E-02	-3.39E+02	0.00E+00	0.00E+00	-4.97E-01	4.75E-19	-5.20E+00	0.00E+00	-4.01E-08	-1.73E-07	-2.85E-03	0.00E+00	-4.92E+01	0.00E+00	-5.20E+00	8.36E-07	-5.20E+00	-5.44E+01	-4.92E+01	0.00E+00	0.00E+00	0.00E+00	-1.67E+01
VE312DN	2.03E-02	6.43E+00	7.15E-02	6.35E+00	0.00E+00	0.00E+00	1.14E+01	2.11E-05	7.58E-03	5.50E-02	0.00E+00	1.14E-18	2.15E-09	5.63E-08	1.27E-01	-5.46E+00	0.00E+00	0.00E+00	1.08E+01	4.30E-18	3.24E+01	0.00E+00	2.90E-07	1.40E-07	1.36E-02	0.00E+00	6.51E-01	0.00E+00	3.24E+01	9.31E-06	3.24E+01	3.31E+01	6.51E-01	0.00E+00	0.00E+00	0.00E+00	3.75E+02
VE312H	-1.28E-01	-4.72E+00	-7.45E-04	-4.72E+00	0.00E+00	0.00E+00	-2.51E+01	-1.33E-02	-5.11E-04	-8.14E-02	0.00E+00	-1.90E-17	-1.61E-08	-1.50E-06	-6.48E-02	-3.08E+02	0.00E+00	0.00E+00	-2.07E+01	-3.75E-17	-8.89E+00	0.00E+00	-3.98E-08	-3.75E-07	-2.25E-02	0.00E+00	-4.50E+01	0.00E+00	-8.89E+00	-4.77E-04	-8.89E+00	-5.39E+01	-4.50E+01	0.00E+00	0.00E+00	0.00E+00	-9.11E+02
VE312L	1.61E-02	6.03E+00	5.93E-02	5.97E+00	0.00E+00	0.00E+00	9.52E+00	1.81E-05	5.03E-03	5.04E-02	0.00E+00	-1.29E-16	1.83E-09	3.19E-08	-2.68E-01	3.97E+00	0.00E+00	0.00E+00	9.14E+00	-2.57E-16	2.83E+01	0.00E+00	2.62E-07	1.28E-07	1.23E-02	0.00E+00	1.81E+00	0.00E+00	2.83E+01	8.72E-06	2.83E+01	3.02E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	3.16E+02
VE312PN	-8.74E-03	-4.92E+00	-1.73E-02	-4.90E+00	0.00E+00	0.00E+00	-3.71E+00	-1.83E-04	-1.42E-03	-1.75E-02	0.00E+00	-1.10E-16	-5.66E-09	-2.61E-08	-3.55E-01	-2.95E+02	0.00E+00	0.00E+00	-5.71E+00	-2.20E-16	-1.39E+01	0.00E+00	-8.42E-08	-2.05E-07	-5.65E-03	0.00E+00	-4.34E+01	0.00E+00	-1.39E+01	-9.04E-06	-1.39E+01	-5.74E+01	-4.34E+01	0.00E+00	0.00E+00	0.00E+00	-2.21E+02
VE312S	-5.21E-02	2.29E+00	3.27E-03	2.28E+00	0.00E+00	0.00E+00	-1.45E+01	-5.82E-03	-2.57E-04	-5.11E-03	0.00E+00	-3.21E-16	-1.27E-08	-6.70E-07	-9.20E-01	-9.55E+01	0.00E+00	0.00E+00	-1.36E+01	-6.39E-16	-5.11E+00	0.00E+00	4.44E-08	-1.52E-07	-4.99E-03	0.00E+00	-1.43E+01	0.00E+00	-5.11E+00	-1.72E-04	-5.11E+00	-1.94E+01	-1.43E+01	0.00E+00	0.00E+00	0.00E+00	-5.98E+02
VE312SN	-8.81E-03	-4.98E+00	-1.75E-02	-4.97E+00	0.00E+00	0.00E+00	-3.74E+00	-1.83E-04	-1.43E-03	-1.77E-02	0.00E+00	-1.10E-16	-5.68E-09	-2.62E-08	-3.56E-01	-3.00E+02	0.00E+00	0.00E+00	-5.74E+00	-2.20E-16	-1.41E+01	0.00E+00	-8.51E-08	-2.07E-07	-5.70E-03	0.00E+00	-4.41E+01	0.00E+00	-1.41E+01	-9.04E-06	-1.41E+01	-5.81E+01	-4.41E+01	0.00E+00	0.00E+00	0.00E+00	-2.22E+02
VE318L	-2.23E-02	4.53E+00	2.24E-02	4.51E+00	0.00E+00	0.00E+00	-6.92E+00	-3.24E-03	2.38E-03	2.73E-02	0.00E+00	-1.84E-17	-9.72E-09	-3.69E-07	-1.43E-02	-1.20E+02	0.00E+00	0.00E+00	-8.04E+00	-3.50E-17	3.37E+00	0.00E+00	1.10E-07	-9.10E-08	3.05E-03	0.00E+00	-1.76E+01	0.00E+00	3.37E+00	-1.19E-04	3.37E+00	-1.42E+01	-1.76E+01	0.00E+00	0.00E+00	0.00E+00	-3.74E+02
VE318PN	-1.26E-02	-7.22E+00	-2.51E-02	-7.19E+00	0.00E+00	0.00E+00	-5.36E+00	-2.59E-04	-2.06E-03	-2.54E-02	0.00E+00	-1.47E-16	-8.06E-09	-3.74E-08	-4.79E-01	-4.36E+02	0.00E+00	0.00E+00	-8.21E+00	-2.93E-16	-2.01E+01	0.00E+00	-1.23E-07	-2.99E-07	-8.17E-03	0.00E+00	-6.40E+01	0.00E+00	-2.01E+01	-1.28E-05	-2.01E+01	-8.42E+01	-6.40E+01	0.00E+00	0.00E+00	0.00E+00	-3.17E+02
VE318S	-1.52E-03	-2.85E+00	-7.95E-03	-2.84E+00	0.00E+00	0.00E+00	-1.99E+00	-2.95E-04	2.44E-03	-1.35E-02	0.00E+00	-1.85E-16	-8.16E-09	6.07E-09	-5.58E-01	-1.38E+02	0.00E+00	0.00E+00	-5.13E+00	-3.68E-16	-1.24E+01	0.00E+00	-5.45E-08	-1.39E-07	-5.24E-03	0.00E+00	-2.05E+01	0.00E+00	-1.24E+01	-1.55E-05	-1.24E+01	-3.29E+01	-2.05E+01	0.00E+00	0.00E+00	0.00E+00	-2.07E+02
VE318SN	-1.27E-02	-7.32E+00	-2.54E-02	-7.30E+00	0.00E+00	0.00E+00	-5.40E+00	-2.60E-04	-2.08E-03	-2.57E-02	0.00E+00	-1.47E-16	-8.08E-09	-3.76E-08	-4.79E-01	-4.43E+02	0.00E+00	0.00E+00	-8.27E+00	-2.93E-16	-2.03E+01	0.00E+00	-1.24E-07	-3.03E-07	-8.24E-03	0.00E+00	-6.51E+01	0.00E+00	-2.03E+01	-1.28E-05	-2.03E+01	-8.54E+01	-6.51E+01	0.00E+00	0.00E+00	0.00E+00	-3.19E+02
VE412H	-1.52E-01	-3.05E+00	-1.27E-03	-3.04E+00	0.00E+00	0.00E+00	-3.62E+01	-1.65E-02	5.75E-04	-8.75E-02	0.00E+00	-1.87E-17	-2.83E-08	-1.85E-06	-3.13E-02	-2.52E+02	0.00E+00	0.00E+00	-2.90E+01	-3.62E-17	-2.32E+00	0.00E+00	6.25E-08	-4.01E-07	-2.60E-02	0.00E+00	-3.71E+01	0.00E+00	-2.32E+00	-5.90E-04	-2.32E+00	-3.94E+01	-3.71E+01	0.00E+00	0.00E+00	0.00E+00	-1.28E+03
VE412L	1.04E-02	1.45E+00	3.89E-02	1.41E+00	0.00E+00	0.00E+00	9.03E+00	2.43E-05	3.41E-03	1.59E-02	0.00E+00	5.13E-19	1.42E-09	4.19E-08	8.08E-02	-1.74E-01	0.00E+00	0.00E+00	8.73E+00	1.88E-18	2.29E+01	0.00E+00	1.82E-07	8.74E-08	4.96E-03	0.00E+00	1.04E+00	0.00E+00	2.29E+01	9.86E-06	2.29E+01	2.40E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	3.20E+02
VE412PN	-1.11E-02	-6.17E+00	-2.19E-02	-6.15E+00	0.00E+00	0.00E+00	-4.72E+00	-2.37E-04	-1.79E-03	-2.21E-02	0.00E+00	-1.34E-16	-7.31E-09	-3.34E-08	-4.36E-01	-3.69E+02	0.00E+00	0.00E+00	-7.30E+00	-2.69E-16	-1.77E+01	0.00E+00	-1.06E-07	-2.58E-07	-7.19E-03	0.00E+00	-5.43E+01	0.00E+00	-1.77E+01	-1.18E-05	-1.77E+01	-7.19E+01	-5.43E+01	0.00E+00	0.00E+00	0.00E+00	-2.83E+02
VE412S	-5.60E-02	-1.89E+00	-1.83E-03	-1.88E+00	0.00E+00	0.00E+00	-9.12E+00	-5.59E-03	-2.56E-03	-3.32E-02	0.00E+00	-3.46E-16	-6.36E-09	-6.45E-07	-1.00E+00	-1.25E+02	0.00E+00	0.00E+00	-7.98E+00	-6.90E-16	-4.46E+00	0.00E+00	-7.28E-09	-1.52E-07	-9.36E-03	0.00E+00	-1.82E+01	0.00E+00	-4.46E+00	-1.60E-04	-4.46E+00	-2.27E+01	-1.82E+01	0.00E+00	0.00E+00	0.00E+00	-3.56E+02
VE412SN	-1.12E-02	-6.25E+00	-2.21E-02	-6.22E+00	0.00E+00	0.00E+00	-4.75E+00	-2.38E-04	-1.81E-03	-2.23E-02	0.00E+00	-1.34E-16	-7.33E-09	-3.36E-08	-4.36E-01	-3.74E+02	0.00E+00	0.00E+00	-7.34E+00	-2.69E-16	-1.78E+01	0.00E+00	-1.07E-07	-2.61E-07	-7.25E-03	0.00E+00	-5.50E+01	0.00E+00	-1.78E+01	-1.18E-05	-1.78E+01	-7.28E+01	-5.50E+01	0.00E+00	0.00E+00	0.00E+00	-2.85E+02
VF104PEH	-5.62E-04	-6.06E-02	-8.91E-03	3.50E-02	0.00E+00	0.00E+00	-5.59E-01	-8.84E-05	1.07E-04	2.35E-04	0.00E+00	-2.14E-05	-1.07E-09	-2.68E-08	-1.09E-02	-2.69E+00	0.00E+00	0.00E+00	5.61E-02	-2.93E-02	-2.64E+00	0.00E+00	3.34E-08	-7.44E-09	-1.25E-04	-2.67E-05	-4.37E-01	0.00E+00	-2.64E+00	-5.69E-06	-2.64E+00	-4.46E+00	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
VF104PJ	5.89E-04	-6.29E-02	-4.45E-03	1.18E-03	0.00E+00	0.00E+00	-5.50E-01	-6.20E-05	9.28E-05	1.86E-04	0.00E+00	-1.64E-05	-1.94E-10	-3.60E-09	-9.32E-03	-3.29E+00	0.00E+00	0.00E+00	7.54E-02	-2.08E-02	-2.16E+00	0.00E+00	1.95E-08	-7.26E-09	-7.38E-05	-1.82E-05	-4.85E-01	0.00E+00	-2.16E+00	-7.82E-07	-2.16E+00	-3.16E+00	-4.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+01
VF104PP	9.56E-04	4.41E-01	8.84E-03	4.32E-01	0.00E+00	0.00E+00	9.24E-01	-1.05E-04	3.91E-04	4.40E-03	0.00E+00	1.88E-19	-5.09E-10	-1.04E-08	3.79E-02	5.80E-01	0.00E+00	0.00E+00	8.35E-01	7.18E-19	7.32E+00	0.00E+00	6.31E-08	1.97E-08	1.24E-03	0.00E+00	2.76E-01	0.00E+00	7.32E+00	-2.43E-06	7.32E+00	7.59E+00	2.76E-01	0.00E+00	0.00E+00	0.00E+00	3.68E+00
VF104PY	3.55E-04	-4.37E-02	-4.80E-03	-2.75E-03	0.00E+00	0.00E+00	-5.61E-01	-6.50E-05	1.16E-04	2.11E-04	0.00E+00	-1.75E-05	-2.95E-10	-6.96E-09	-1.04E-02	-2.40E+00	0.00E+00	0.00E+00	6.85E-02	-1.99E-02	-2.10E+00	0.00E+00	2.83E-08	-7.15E-09	-8.88E-05	-1.83E-05	-5.14E-01	0.00E+00	-2.10E+00	-3.60E-06	-2.10E+00	-3.35E+00	-5.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
VF104TD	1.03E-03	-8.03E-02	-2.80E-03	3.26E-03	0.00E+00	0.00E+00	-3.63E-01	-5.93E-05	7.75E-05	2.57E-04	0.00E+00	-1.84E-05	-1.52E-10	-3.64E-09	-8.62E-03	-5.33E+00	0.00E+00	0.00E+00	1.16E-01	-2.12E-02	-1.40E+00	0.00E+00	2.02E-08	-6.98E-09	-6.48E-05	-1.88E-05	-1.47E+00	0.00E+00	-1.40E+00	-1.74E-07	-1.40E+00	-2.94E+00	-1.47E+00	0.00E+00	0.00E+00	0.00E+00	-1.13E+01

VF104TJ	9.07E-04	-8.03E-02	-3.40E-03	8.26E-03	0.00E+00	0.00E+00	-3.63E-01	-4.50E-05	8.04E-05	1.90E-04	0.00E+00	-1.92E-05	-1.68E-10	-3.64E-09	-9.13E-03	-4.99E+00	0.00E+00	0.00E+00	1.16E-01	-2.27E-02	-1.44E+00	0.00E+00	1.96E-08	-6.98E-09	-7.85E-05	-1.88E-05	-1.73E+00	0.00E+00	-1.44E+00	-1.74E-07	-1.44E+00	-3.10E+00	-1.73E+00	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
VF104TM	1.03E-03	-8.03E-02	-3.40E-03	1.48E-02	0.00E+00	0.00E+00	-3.63E-01	-5.14E-05	8.40E-05	2.45E-04	0.00E+00	-1.80E-05	-1.60E-10	-3.35E-09	-8.75E-03	-4.98E+00	0.00E+00	0.00E+00	1.16E-01	-2.29E-02	-1.42E+00	0.00E+00	2.14E-08	-6.98E-09	-6.58E-05	-1.88E-05	-1.67E+00	0.00E+00	-1.42E+00	-1.69E-07	-1.42E+00	-3.02E+00	-1.67E+00	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
VF104TR	-2.65E-03	-8.89E-02	-8.64E-03	-4.02E-02	0.00E+00	0.00E+00	-3.73E-01	-7.33E-05	5.76E-05	-2.31E-04	0.00E+00	-3.37E-05	-1.15E-09	-2.17E-08	-1.72E-02	-1.33E+01	0.00E+00	0.00E+00	1.67E-02	-3.38E-02	-2.54E+00	0.00E+00	1.91E-08	-1.06E-08	-2.43E-04	-2.40E-05	-2.90E+00	0.00E+00	-2.54E+00	-2.46E-06	-2.54E+00	-5.73E+00	-2.90E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E+01
VF104TS	-2.27E-03	-7.00E-02	-8.86E-03	-6.38E-02	0.00E+00	0.00E+00	-3.84E-01	-2.93E-04	1.15E-04	2.97E-05	0.00E+00	-4.05E-05	-9.86E-10	-6.93E-08	-1.45E-02	-1.23E+01	0.00E+00	0.00E+00	6.41E-02	-3.22E-02	-1.91E+00	0.00E+00	2.25E-08	-1.06E-08	-4.18E-04	-3.56E-05	-2.58E+00	0.00E+00	-1.91E+00	-1.56E-05	-1.91E+00	-4.37E+00	-2.58E+00	0.00E+00	0.00E+00	0.00E+00	-2.50E+01
VF108PA	4.72E-04	-2.34E-02	-1.33E-03	5.91E-04	0.00E+00	0.00E+00	-5.31E-01	-9.05E-05	1.14E-04	3.44E-04	0.00E+00	-2.71E-05	9.91E-11	-9.17E-09	-1.30E-02	-7.48E+00	0.00E+00	0.00E+00	1.18E-01	-3.21E-02	-1.69E+00	0.00E+00	2.40E-08	-7.56E-09	-7.44E-05	-1.17E-05	-6.71E-01	0.00E+00	-1.69E+00	-2.08E-06	-1.69E+00	-3.20E+00	-6.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.17E+01
VF108PD	6.27E-04	-2.34E-02	-1.64E-03	1.24E-02	0.00E+00	0.00E+00	-5.31E-01	-6.53E-05	1.26E-04	3.50E-04	0.00E+00	-2.85E-05	1.33E-10	-5.04E-09	-1.32E-02	-7.23E+00	0.00E+00	0.00E+00	1.20E-01	-3.19E-02	-1.69E+00	0.00E+00	3.53E-08	-7.45E-09	-6.81E-05	-1.17E-05	-7.09E-01	0.00E+00	-1.69E+00	-1.10E-06	-1.69E+00	-3.21E+00	-7.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.17E+01
VF108PE	2.22E-03	6.89E-01	1.49E-02	6.74E-01	0.00E+00	0.00E+00	1.67E+00	-8.44E-05	6.13E-04	6.95E-03	0.00E+00	2.69E-19	4.04E-10	-5.89E-09	5.11E-02	1.10E+00	0.00E+00	0.00E+00	2.84E+00	9.94E-19	1.03E+01	0.00E+00	8.55E-08	3.19E-08	1.97E-03	0.00E+00	5.65E-01	0.00E+00	1.03E+01	2.99E-07	1.03E+01	1.08E+01	5.65E-01	0.00E+00	0.00E+00	0.00E+00	8.02E+01
VF108PEB	2.39E-03	4.19E-01	1.25E-02	4.06E-01	0.00E+00	0.00E+00	1.45E+00	3.27E-06	5.00E-04	5.67E-03	0.00E+00	2.34E-19	4.27E-10	3.45E-09	4.50E-02	-7.77E+00	0.00E+00	0.00E+00	2.46E+00	8.60E-19	8.46E+00	0.00E+00	7.07E-08	2.24E-08	1.61E-03	0.00E+00	-7.87E-01	0.00E+00	8.46E+00	2.77E-06	8.46E+00	7.68E+00	-7.87E-01	0.00E+00	0.00E+00	0.00E+00	6.77E+01
VF108PEH	2.74E-04	-2.11E-02	-5.76E-03	3.44E-02	0.00E+00	0.00E+00	-5.25E-01	-9.01E-05	1.26E-04	5.55E-04	0.00E+00	-1.28E-05	-7.61E-10	-2.63E-08	-1.09E-02	-3.89E+00	0.00E+00	0.00E+00	8.23E-02	-4.54E-02	-2.15E+00	0.00E+00	3.64E-08	-6.92E-09	-1.00E-04	-2.25E-05	-5.66E-01	0.00E+00	-2.15E+00	-5.52E-06	-2.15E+00	-3.92E+00	-5.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.77E+01
VF108PF	2.80E-04	-2.34E-02	-1.70E-03	-4.67E-04	0.00E+00	0.00E+00	-5.31E-01	-9.57E-05	1.10E-04	4.00E-04	0.00E+00	-3.08E-05	4.07E-11	-9.17E-09	-1.27E-02	-7.72E+00	0.00E+00	0.00E+00	1.18E-01	-3.17E-02	-1.79E+00	0.00E+00	2.21E-08	-7.56E-09	-9.44E-05	-1.26E-05	-7.82E-01	0.00E+00	-1.79E+00	-2.09E-06	-1.79E+00	-3.22E+00	-7.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.17E+01
VF108PJ	4.87E-04	-1.46E-02	-1.36E-03	1.66E-02	0.00E+00	0.00E+00	-5.26E-01	-5.49E-05	1.20E-04	9.77E-04	0.00E+00	-2.69E-05	1.19E-10	-5.04E-09	-1.27E-02	-7.19E+00	0.00E+00	0.00E+00	1.20E-01	-3.22E-02	-1.69E+00	0.00E+00	3.70E-08	-7.45E-09	-5.11E-05	-1.16E-05	-6.76E-01	0.00E+00	-1.69E+00	-9.75E-07	-1.69E+00	-3.18E+00	-6.76E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+01
VF108PM	4.69E-04	-2.34E-02	-1.72E-03	4.57E-03	0.00E+00	0.00E+00	-5.31E-01	-6.66E-05	1.14E-04	2.94E-04	0.00E+00	-2.74E-05	9.85E-11	-5.38E-09	-1.34E-02	-7.29E+00	0.00E+00	0.00E+00	1.18E-01	-3.23E-02	-1.69E+00	0.00E+00	2.36E-08	-7.56E-09	-7.44E-05	-1.17E-05	-7.79E-01	0.00E+00	-1.69E+00	-1.34E-06	-1.69E+00	-3.25E+00	-7.79E-01	0.00E+00	0.00E+00	0.00E+00	-1.17E+01
VF108PP	3.13E-03	6.69E-01	1.49E-02	6.54E-01	0.00E+00	0.00E+00	1.79E+00	-3.73E-06	7.50E-04	7.19E-03	0.00E+00	2.68E-19	2.72E-10	5.06E-09	5.08E-02	1.15E+00	0.00E+00	0.00E+00	2.85E+00	9.90E-19	1.01E+01	0.00E+00	8.48E-08	3.16E-08	1.99E-03	0.00E+00	5.66E-01	0.00E+00	1.01E+01	3.04E-06	1.01E+01	1.06E+01	5.66E-01	0.00E+00	0.00E+00	0.00E+00	8.06E+01
VF108PR	-1.75E-03	4.04E-01	-9.74E-03	1.54E-01	0.00E+00	0.00E+00	-3.36E-01	-7.75E-05	8.42E-05	7.98E-04	0.00E+00	-3.88E-05	-1.23E-09	-2.37E-08	-1.64E-02	-1.97E+01	0.00E+00	0.00E+00	7.14E-02	-2.92E-02	-2.20E+00	0.00E+00	3.57E-08	-8.93E-09	-4.10E-05	-2.67E-05	-3.20E+00	0.00E+00	-2.20E+00	-2.99E-06	-2.20E+00	-5.21E+00	-3.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
VF108PT	-3.31E-02	-1.05E+00	-6.86E-02	-9.85E-01	0.00E+00	0.00E+00	-9.15E+00	-3.11E-03	-1.72E-03	-2.15E-02	0.00E+00	-2.80E-04	-5.18E-09	-3.69E-07	-1.08E-01	-2.27E+01	0.00E+00	0.00E+00	-7.70E+00	-1.29E-01	-1.79E+01	0.00E+00	-1.57E-08	-8.11E-08	-6.31E-03	-1.07E-04	-3.76E+00	0.00E+00	-1.79E+01	-1.14E-04	-1.79E+01	-2.16E+01	-3.76E+00	0.00E+00	0.00E+00	0.00E+00	-3.40E+02
VF108PY	4.64E-04	-9.24E-03	-1.58E-03	1.54E-02	0.00E+00	0.00E+00	-5.41E-01	-6.91E-05	1.40E-04	7.75E-04	0.00E+00	-2.69E-05	-3.59E-11	-8.87E-09	-1.40E-02	-7.62E+00	0.00E+00	0.00E+00	1.11E-01	-3.16E-02	-1.62E+00	0.00E+00	3.71E-08	-7.52E-09	-7.66E-05	-1.16E-05	-8.17E-01	0.00E+00	-1.62E+00	-4.09E-06	-1.62E+00	-3.20E+00	-8.17E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+01
VF108TA	2.58E-04	-7.25E-02	-3.87E-03	1.55E-02	0.00E+00	0.00E+00	-3.73E-01	-3.80E-05	9.37E-05	5.67E-04	0.00E+00	-3.04E-05	-5.20E-11	-3.82E-09	-1.34E-02	-1.14E+01	0.00E+00	0.00E+00	1.37E-01	-2.98E-02	-1.40E+00	0.00E+00	3.37E-08	-7.17E-09	-7.69E-05	-1.52E-05	-2.34E+00	0.00E+00	-1.40E+00	-4.79E-07	-1.40E+00	-4.12E+00	-2.34E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+01
VF108TD	5.64E-06	-8.13E-02	-3.46E-03	-5.46E-04	0.00E+00	0.00E+00	-3.73E-01	-6.40E-05	8.14E-05	1.92E-04	0.00E+00	-3.08E-05	-5.69E-11	-7.95E-09	-1.30E-02	-1.21E+01	0.00E+00	0.00E+00	1.36E-01	-2.93E-02	-1.42E+00	0.00E+00	1.96E-08	-7.27E-09	-8.32E-05	-1.53E-05	-2.29E+00	0.00E+00	-1.42E+00	-1.24E-06	-1.42E+00	-4.23E+00	-2.29E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
VF108TE	1.74E-03	-3.98E-02	-3.44E-03	2.93E-02	0.00E+00	0.00E+00	-3.67E-01	-3.29E-05	1.10E-04	5.78E-04	0.00E+00	-1.94E-05	7.98E-11	-3.69E-09	-9.23E-03	-4.89E+00	0.00E+00	0.00E+00	1.37E-01	-3.19E-02	-1.23E+00	0.00E+00	3.15E-08	-6.31E-09	-3.19E-05	-1.64E-05	-1.84E+00	0.00E+00	-1.23E+00	-1.33E-07	-1.23E+00	-3.13E+00	-1.84E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+01
VF108TF	2.60E-04	-7.25E-02	-3.87E-03	1.55E-02	0.00E+00	0.00E+00	-3.73E-01	-3.80E-05	9.64E-05	5.67E-04	0.00E+00	-3.04E-05	-5.07E-11	-3.82E-09	-1.34E-02	-1.14E+01	0.00E+00	0.00E+00	1.37E-01	-2.98E-02	-1.40E+00	0.00E+00	3.34E-08	-7.17E-09	-7.69E-05	-1.53E-05	-2.34E+00	0.00E+00	-1.40E+00	-4.79E-07	-1.40E+00	-4.19E+00	-2.34E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+01
VF108TJ	6.48E-05	-8.13E-02	-4.05E-03	7.71E-03	0.00E+00	0.00E+00	-3.73E-01	-4.41E-05	8.32E-05	1.80E-04	0.00E+00	-3.08E-05	-4.59E-11	-3.87E-09	-1.35E-02	-1.16E+01	0.00E+00	0.00E+00	1.36E-01	-3.06E-02	-1.42E+00	0.00E+00	2.10E-08	-7.27E-09	-8.32E-05	-1.53E-05	-2.36E+00	0.00E+00	-1.42E+00	-6.56E-07	-1.42E+00	-4.21E+00	-2.36E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
VF108TM	1.86E-05	-8.13E-02	-4.05E-03	8.59E-04	0.00E+00	0.00E+00	-3.73E-01	-4.88E-05	8.14E-05	1.25E-04	0.00E+00	-3.08E-05	-6.29E-11	-4.16E-09	-1.34E-02	-1.16E+01	0.00E+00	0.00E+00	1.36E-01	-3.03E-02	-1.42E+00	0.00E+00	1.87E-08	-7.27E-09	-8.32E-05	-1.53E-05	-2.32E+00	0.00E+00	-1.42E+00	-9.87E-07	-1.42E+00	-4.28E+00	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
VF108TP	2.58E-04	-7.25E-02	-3.87E-03	1.55E-02	0.00E+00	0.00E+00	-3.73E-01	-3.80E-05	9.37E-05	5.67E-04	0.00E+00	-3.04E-05	-5.20E-11	-3.82E-09	-1.34E-02	-1.14E+01	0.00E+00	0.00E+00	1.37E-01	-2.98E-02	-1.40E+00	0.00E+00	3.37E-08	-7.17E-09	-7.69E-05	-1.52E-05	-2.34E+00	0.00E+00	-1.40E+00	-4.79E-07	-1.40E+00	-4.12E+00	-2.34E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+01
VF108TR	-1.66E-03	4.05E-01	-9.00E-03	1.45E-01	0.00E+00	0.00E+00	-3.36E-01	-8.93E-05	8.38E-05	8.31E-04	0.00E+00	-3.79E-05	-1.39E-09	-2.72E-08	-1.55E-02	-1.97E+01	0.00E+00	0.00E+00	5.63E-02	-2.85E-02	-2.08E+00	0.00E+00	1.86E-08	-9.04E-09	-4.55E-05	-2.58E-05	-3.01E+00	0.00E+00	-2.08E+00	-3.29E-06	-2.08E+00	-5.08E+00	-3.01E+00	0.00E+00	0.00E+00	0.00E+00	-1.69E+01
VF108TS	-1.22E-03	3.46E-01	-1.04E-02	1.36E-01	0.00E+00	0.00E+00	-3.37E-01	-2.87E-04	1.68E-04	1.18E-03	0.00E+00	-4.00E-05	-8.86E-10	-7.22E-08	-1.53E-02	-1.83E+01	0.00E+00	0.00E+00	1.29E-01	-2.90E-02	-1.28E+00	0.00E+00	4.17E-08	-8.40E-09	-1.81E-04	-3.59E-05	-3.37E+00	0.00E+00	-1.28E+00	-1.54E-05	-1.28E+00	-4.05E+00	-3.37E+00	0.00E+00	0.00E+00	0.00E+00	-2.40E+01
VF112PA	-1.03E-03	-7.26E-02	-3.43E-02	-1.20E-01	0.00E+00	0.00E+00	-6.16E-01	-1.90E-04	1.99E-04	1.61E-03	0.00E+00	-9.76E-05	-5.09E-10	-7.87E-09	-5.42E-02	-1.31E+01	0.00E+00	0.00E+00	1.54E-01	-1.19E-01	-7.21E+00	0.00E+00	4.19E-08	-1.00E-08	-3.30E-04	-1.40E-04	-1.98E+00	0.00E+00	-7.21E+00	-1.05E-05	-7.21E+00	-8.65E+00	-1.98E+00	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
VF112PD	-1.03E-03	-7.26E-02	-3.43E-02	-1.20E-01	0.00E+00	0.00E+00	-6.16E-01	-1.90E-04	1.99E-04	1.61E-03	0.00E+00	-9.76E-05	-5.09E-10	-7.87E-09	-5.42E-02	-1.32E+01	0.00E+00	0.00E+00	1.54E-01	-1.19E-01	-7.21E+00	0.00E+00	4.19E-08	-1.00E-08	-3.30E-04	-1.40E-04	-1.95E+00	0.00E+00	-7.21E+00	-1.05E-05	-7.21E+00	-8.65E+00	-1.95E+00	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
VF112PE	-4.36E-03	-1.56E+00	-1.36E-01	-1.42E+00	0.00E+00	0.00E+00	-3.95E+00	-1.43E-04	-7.10E-04	-8.01E-03	0.00E+00	-6.44E-04	-1.44E-09	-1.90E-08	-2.31E-01	-2.51E+01	0.00E+00	0.00E+00	-4.86E-01	-2.98E-01	-3.50E+01	0.00E+00	-6.13E-09	-4.18E-08	-3.00E-03	-2.45E-04	-3.87E+00	0.00E+00	-3.50E+01	-5.48E-06	-3.50E+01	-3.89E+01	-3.87E+00	0.00E+00	0.00E+00	0.00E+00	-4.49E+01
VF112PEB	3.85E-03	8.67E-01	2.04E-02	8.46E-01	0.00E+00	0.00E+00	2.94E+00	5.45E-06	8.38E-04	9.55E-03	0.00E+00	3.75E-19	-4.41E-11	6.22E-09	7.59E-02	1.56E+00	0.00E+00	0.00E+00	3.02E+00	1.42E-18	1.41E+01	0.00E+00	1.19E-07	4.15E-08	2.66E-03	0.00E+00	7.14E-01	0.00E+00	1.41E+01	3.17E-06	1.41E+01	1.48E+01	7.14E-01	0.00E+00	0.00E+00	0.00E+00	6.36E+01
VF112PEH	-1.12E-03	-4.58E-02	-3.80E-02	-1.07E-01	0.00E+00	0.00E+00	-4.40E-01	-2.01E-04	1.66E-04	8.68E-04	0.00E+00	-9.37E-05	-9.25E-10	-3.69E-08	-6.12E-02	-1.01E+01	0.00E+00	0.00E+00	2.20E-01	-1.38E-01	-8.37E+00	0.00E+00	3.84E-08	-9.80E-09	-3.31E-04	-1.61E-04	-2.67E+00	0.00E+00	-8.37E+00	-1.12E-05	-8.37E+00	-9.42E+00	-2.67E+00	0.00E+00	0.00E+00	0.00E+00	-5.43E+00
VF112PF	-1.82E-03	-1.36E-01	-3.94E-02	-1.54E-01	0.00E+00	0.00E+00	-6.58E-01	-7.33E-04	1.10E-04	2.23E-04	0.00E+00	-1.41E-04	-9.65E-10	-4.87E-08	-4.80E-02	-1.39E+01	0.00E+00	0.00E+00	8.29E-02	-9.98E-02	-6.34E+00	0.00E+00	2.20E-08	-1.00E-08	-2.50E-04	-6.15E-05	-1.35E+00	0.00E+00	-6.34E+00	-1.49E-05	-6.34E+00	-6.14E+00	-1.35E+00	0.00E+00	0.00E+00	0.00E+00	-1.54E+01
VF112PJ	-9.26E-04	-2.33E-02	-3.17E-02	-8.17E-02	0.00E+00	0.00E+00	-5.95E-01	-1.63E-04	1.18E-04	9.29E-04	0.00E+00	-1.12E-04	-3.44E-10	-2.66E-09	-4.82E-02	-1.25E+01	0.00E+00	0.00E+00	1.35E-01	-9.34E-02	-4.95E+00	0.00E+00	3.55E-08	-8.96E-09	-2.22E-04	-5.48E-05	-1.87E+00	0.00E+00	-4.95E+00	-1.01E-05	-4.95E+00	-4.96E+00	-1.87E+00	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
VF112PM	-3.63E-03	-1.84E-02	-3.98E-02	-8.50E-02	0.00E+00	0.00E+00	-5.91E-01	-1.95E-04	3.11E-05	6.37E-04	0.00E+00	-1.48E-04	-4.51E-10	-4.35E-09	-5.12E-02	-1.13E+01	0.00E+00	0.00E+00	7.99E-02	-1.02E-01	-4.82E+00	0.00E+00	2.15E-08	-8.26E-09	-1.63E-04	-6.04E-05	-1.71E+00	0.00E+00	-4.82E+00	-1.30E-05	-4.82E+00	-4.89E+00	-1.71E+00	0.00E+00	0.00E+00	0.00E+00	-1.34E+01
VF112PP	-1.50E-02	8.11E-01	1.89E-02	7.92E-01	0.00E+00	0.00E+00	-1.15E+00	-1.93E-03	9.28E-05	-1.40E-04	0.00E+00	4.22E-19	-2.64E-09	-2.19E-07	7.93E-02	-2.42E+00	0.00E+00	0.00E+00	-4.09E-01	1.59E-18	1.45E+01	0.00E+00	1.28E-07	1.08E-08	-7.28E-05	0.00E+00	5.26E-02	0.00E+00	1.45E+01	-5.23E-05	1.45E+01	1.46E+01	5.26E-02	0.00E+00	0.00E+00	0.00E+00	-8.85E+01
VF112PR	1.53E-04	4.90E-01	-4.82E-03	6.90E-02	0.00E+00	0.00E+00	-1.32E-02	-1.39E-04	1.25E-03	1.71E-03	0.00E+00	-2.47E-05	-1.47E-09	-2.34E-08	-4.18E-03	-2.21E+01	0.00E+00	0.00E+00	4.27E-01	-3.39E-02	-3.86E-01	0.00E+00	4.62E-08	-8.47E-09	4.20E-04	-1.92E-05	-2.96E+00	0.00E+00	-3.86E-01	-4.32E-06	-3.86E-01	-2.18E+00	-2.96E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
VF112PS	4.94E-03	1.03E+00	2.14E-02	1.01E+00	0.00E+00	0.00E+00	2.23E+00	-6.17E-05	2.15E-03	1.07E-02	0.00E+00	3.95E-19	-1.06E-09	1.25E-08	6.19E-02	-9.34E+00	0.00E+00	0.00E+00	2.83E+00	1.46E-18	1.08E+01	0.00E+00	1.01E-07	2.37E-08	2.40E-03	0.00E+00	-8.97E-01	0.00E+00	1.08E+01	1.25E-07	1.08E+01	9.87E+00	-8.97E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
VF112PT	-5.26E-02	1.00E-01	8.19E-03	9.21E-02	0.00E+00	0.00E+00	-1.16E+01	-5.78E-03	2.62E-04	-2.68E-02	0.00E+00	3.48E-19	-8.72E-09	-6.50E-07	4.64E-02	-4.32E+00	0.00E+00	0.00E+00	-8.01E+00	1.26E-18	4.99E+00	0.00E+00	6.69E-08	-8.84E-08	-8.02E-03	0.00E+00	-5.53E-01	0.00E+00	4.99E+00	-2.07E-04	4.99E+00	4.44E+00	-5.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.92E+02
VF112PY	-5.83E-04	-4.91E-02	-3.27E-02	-1.12E-01	0.00E+00	0.00E+00	-6.26E-01	-1.92E-04	2.31E-04	1.47E-03	0.00E+00	-9.73E-05	-4.69E-10	-1.83E-08	-5.64E-02	-1.35E+01	0.00E+00	0.00E+00	1.46E-01	-1.19E-01	-7.15E+00	0.00E+00	4.20E-08	-1.01E-08	-2.66E-04	-1.38E-04	-2.26E+00	0.00E+00	-7.15E+00	-1.09E-05	-7.15E+00	-8.38E+00	-2.26E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
VF112PZG	-2.19E-03	-2.17E-02	-3.95E-02	-1.31E-01	0.00E+00	0.00E+00	-6.14E-01	-1.48E-04	6.04E-05	7.30E-04	0.00E+00	-1.86E-04	-6.41E-10	-1.41E-08	-6.01E-02	-1.44E+01	0.00E+00	0.00E+00	4.46E-02	-1.26E-01	-5.06E+00	0.00E+00	3.29E-08	-8.77E-09	-1.73E-04	-1.04E-04	-2.25E+00	0.00E+00	-5.06E+00	-1.06E-05	-5.06E+00	-6.73E+00	-2.25E+00	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
VF112TA	1.43E-03	5.32E-02	1.90E-03	2.42E-02	0.00E+00	0.00E+00	-4.08E-01	-1.32E-04	2.37E-04	1.66E-03	0.00E+00	-2.30E-05	-4.02E-11	-5.91E-09	-2.11E-03	-2.11E+01	0.00E+00	0.00E+00	2.08E-01	-4.29E-02	-1.14E+00	0.00E+00	4.51E-08	-8.54E-09	-1.81E-04	-1.92E-05	-2.85E+00	0.00E+00	-1.14E+00	-5.10E-06	-1.14E+00	-2.38E+00	-2.85E+00	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
VF112TD	1.27E-03	4.80E-02	2.10E-03	2.42E-02	0.00E+00	0.00E+00	-4.08E-01	-1.31E-04	2.47E-04	1.97E-03	0.00E+00	-2.12E-05	-4.84E-11	-5.91E-09	-1.98E-03	-2.12E+01	0.00E+00	0.00E+00	2.08E-01	-4.29E-02	-1.18E+00	0.00E+00	4.68E-08	-8.68E-09	-1.68E-04	-1.92E-05	-2.84E+00	0.00E+00	-1.18E+00	-4.93E-06	-1.18E+00	-2.35E+00	-2.84E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
VF112TE	2.69E-03	1.19E-02	2.84E-03	5.20E-03	0.00E+00	0.00E+00	-3.87E-01	-8.48E-05	2.08E-04	1.60E-03	0.00E+00	-1.87E-05	3.72E-12	-5.72E-09	-4.85E-03	-9.49E+00	0.00E+00	0.00E+00	1.94E-01	-7.13E-02	-1.66E+00	0.00E+00	4.29E-08	-7.83E-09	-1.24E-04	-3.23E-05	-2.11E+00	0.00E+00	-1.66E+00	-9.07E-07	-1.66E+00	-3.87E+00	-2.11E+00	0.00E+00	0.00E+00	0.00E+00	-9.61E+00
VF112TF	8.00E-04	-1.20E-01	-9.08E-04	-9.22E-02	0.00E+00	0.00E+00	-4.38E-01	-5.51E-04	2.52E-04	1.42E-03	0.00E+00	-2.58E-05	-1.51E-11	-3.28E-08	-2.21E-03	-2.48E+01	0.00E+00	0.00E+00	1.30E-01	-4.39E-02	-1.85E+00	0.00E+00	4.34E-08	-8.79E-09	-1.25E-04	-1.65E-05	-3.52E+00	0.00E+00	-1.85E+00	-6.23E-06	-1.85E+00	-2.92E+00	-3.52E+00	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
VF112TJ	8.05E-04	1.40E-02	1.89E-03	1.44E-02	0.00E+00	0.00E+00	-4.08E-01	-1.21E-04	2.19E-04	1.46E-03	0.00E+00	-2.40E-05	-2.51E-11	-1.88E-09	-2.52E-03	-2.14E+01	0.00E+00	0.00E+00	1.73E-01	-4.02E-02	-8.28E-01	0.00E+00	3.24E-08	-8.77E-09	-1.60E-04	-1.51E-05	-2.73E+00	0.00E+00	-8.28E-01	-4.90E-06	-8.28E-01	-1.57E+00	-2.73E+00	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
VF112TM	8.13E-05	2.27E-02	-4.70E-03	2.67E-02	0.00E+00	0.00E+00	-3.94E-01	-1.39E-04	1.64E-04	1.57E-03	0.00E+00	-2.82E-05	-8.38E-10	-7.83E-09	-1.08E-02	-2.01E+01	0.00E+00	0.00E+00	1.45E-01	-4.29E-02	3.19E-01	0.00E+00	2.91E-08	-7.62E-09	-5.61E-05	-2.28E-05	-2.78E+00	0.00E+00	3.19E-01	-6.28E-06	3.19E-01	-1.38E+00	-2.78E+00	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
VF112TP	3.54E-03	-1.63E-02	1.75E-02	-3.38E-02	0.00E+00	0.00E+00	1.81E+00	-6.30E-05	1.67E-03	4.86E-03	0.00E+00	3.27E-19	-1.24E-09	1.08E-08	5.64E-02	-3.91E+01	0.00E+00	0.00E+00	2.46E+00	1.20E-18	9.17E+00	0.00E+00	8.47E-08	1.42E-09	1.08E-03	0.00E+00	-5.27E+00	0.00E+00	9.17E+00	1.93E-07	9.17E+00	3.90E+00	-5.27E+00	0.00E+00	0.00E+00	0.00E+00	5.64E+01
VF112TR	6.10E-04	5.00E-01	-4.94E-03	8.59E-02	0.00E+00	0.00E+00	-7.94E-03	-1.11E-04	1.27E-03	2.30E-03	0.00E+00	-2.41E-05	-9.89E-10	-2.02E-08	-3.92E-03	-2.19E+01	0.00E+00	0.00E+00	4.42E-01	-3.41E-02	-4.69E-01	0.00E+00	6.48E-08	-8.36E-09	4.43E-04	-1.87E-05	-3.15E+00	0.00E+00	-4.69E-01	-3.64E-06	-4.69E-01	-1.94E+00	-3.15E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
VF112TS	7.28E-04	5.33E-01	-4.08E-03	8.20E-02	0.00E+00	0.00E+00	-3.10E-01	-3.06E-04	1.32E-03	2.99E-03	0.00E+00	-2.28E-05	-1.11E-09	-6.51E-08	1.44E-03	-2.11E+01	0.00E+00	0.00E+00	2.91E-01	-3.84E-02	3.13E-01	0.00E+00	7.07E-08	-7.70E-09	3.45E-04	-2.71E-05	-3.30E+00	0.00E+00	3.13E-01	-1.66E-05	3.13E-01	-7.01E-01	-3.30E+00	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
VF112TY	1.17E-03	5.68E-02	2.80E-03	1.77E-02	0.00E+00	0.00E+00	-4.15E-01	-1.14E-04	2.55E-04	2.30E-03	0.00E+00	-2.08E-05	-2.36E-10	-1.85E-08	-4.21E-03	-2.15E+01	0.00E+00	0.00E+00	1.87E-01	-4.55E-02	-8.99E-01	0.00E+00	4.83E-08	-9.10E-09	-1.37E-04	-1.98E-05	-2.94E+00	0.00E+00	-8.99E-01	-5.63E-06	-8.99E-01	-2.34E+00	-2.94E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
VF118PA	2.17E-03	-1.50E-01	-6.38E-04	2.62E-01	0.00E+00	0.00E+00	-8.68E-01	-2.18E-04	1.06E-03	3.94E-03	0.00E+00	-5.44E-05	-8.05E-10	-8.84E-08	-1.24E-02	-9.06E+00	0.00E+00	0.00E+00	2.70E-01	-2.84E-02	-6.42E+00	0.00E+00	6.40E-08	-8.33E-09	-1.60E-04	-3.30E-05	-8.33E-01	0.00E+00	-6.42E+00	-5.04E-06	-6.42E+00	-1.21E+01	-8.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
VF118PD	6.56E-03	1.77E+00	3.32E-02	1.74E+00	0.00E+00	0.00E+00	5.06E+00	9.99E-06	1.77E-03	1.74E-02	0.00E+00	5.70E-19	1.19E-09	1.48E-08	9.40E-02	-3.63E+00	0.00E+00	0.00E+00	5.96E+00	2.09E-18	1.84E+01	0.00E+00	1.56E-07	5.97E-08	4.57E-03	0.00E+00	2.95E-01	0.00E+00	1.84E+01	5.24E-06	1.84E+01	1.87E+01	2.95E-01	0.00E+00	0.00E+00	0.00E+00	1.77E+02
VF118PEH	2.92E-04	-3.35E-01	-8.22E-03	1.52E-01	0.00E+00	0.00E+00	-6.53E-01	-4.71E-04	1.16E-03	3.23E-03	0.00E+00	-1.24E-04	-1.16E-09	-1.32E-07	-5.52E-03	-1.12E+01	0.00E+00	0.00E+00	7.84E-01	-3.14E-02	-7.90E+00	0.00E+00	7.89E-08	-7.97E-09	-7.05E-04	-5.39E-05	-1.91E+00	0.00E+00	-7.90E+00	-2.24E-05	-7.90E+00	-9.78E+00	-1.91E+00	0.00E+00	0.00E+00	0.00E+00	-1.37E+01
VF118PES	-2.28E-03	-2.11E+00	-1.71E-01	-1.94E+00	0.00E+00	0.00E+00	-2.30E+00	4.79E-07	2.41E-04	-8.38E-03	0.00E+00	-8.56E-04	3.79E-10	9.11E-09	-2.98E-01	-5.00E+01	0.00E+00	0.00E+00	2.00E+00	-3.95E-01	-4.36E+01	0.00E+00	5.42E-09	-4.18E-08	-2.83E-03	-3.26E-04	-7.31E+00	0.00E+00	-4.36E+01	5.25E-07	-4.36E+01	-5.09E+01	-7.31E+00	0.00E+00	0.00E+00	0.00E+00	4.39E+01
VF118PF	-7.58E-03	-2.13E-01	-2.46E-02	-2.73E-02	0.00E+00	0.00E+00	-8.98E-01	-6.79E-04	4.05E-04	9.62E-04	0.00E+00	-2.42E-04	-1.70E-09	-1.07E-07	-2.49E-02	-1.56E+01	0.00E+00	0.00E+00	1.18E-01	-6.70E-02	-6.67E+00	0.00E+00	4.65E-08	-1.34E-08	-2.42E-04	-4.77E-05	-1.74E+00	0.00E+00	-6.67E+00	-1.47E-05	-6.67E+00	-1.27E+01	-1.74E+00	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
VF118PJ	-4.44E-03	-2.28E-01	-3.10E-02	-3.38E-02	0.00E+00	0.00E+00	-9.05E-01	-7.93E-04	2.51E-04	3.64E-04	0.00E+00	-3.01E-04	-1.62E-09	-8.55E-08	-2.91E-02	-1.89E+01	0.00E+00	0.00E+00	3.01E-02	-1.10E-01	-8.01E+00	0.00E+00	4.56E-08	-1.31E-08	-5.02E-04	-1.02E-04	-1.33E+00	0.00E+00	-8.01E+00	-1.57E-05	-8.01E+00	-1.41E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
VF118PJ1	-4.18E-03	-2.08E-01	-2.31E-02	2.65E-02	0.00E+00	0.00E+00	-8.84E-01	-6.80E-04	6.26E-04	1.35E-03	0.00E+00	-2.25E-04	-1.69E-09	-7.94E-08	-2.98E-02	-1.59E+01	0.00E+00	0.00E+00	6.88E-02	-7.23E-02	-7.69E+00	0.00E+00	5.10E-08	-1.17E-08	-3.93E-04	-9.75E-05	-1.25E+00	0.00E+00	-7.69E+00	-9.47E-06	-7.69E+00	-1.37E+01	-1.25E+00	0.00E+00	0.00E+00	0.00E+00	-2.49E+01
VF118PM	-2.02E-03	-1.62E-01	-2.49E-02	1.59E-01	0.00E+00	0.00E+00	-8.45E-01	-5.31E-04	8.97E-04	3.10E-03	0.00E+00	-2.06E-04	-1.15E-09	-1.02E-07	-2.41E-02	-9.61E+00	0.00E+00	0.00E+00	1.62E-01	-6.27E-02	-6.85E+00	0.00E+00	5.41E-08	-1.12E-08	-1.10E-04	-4.96E-05	-1.58E+00	0.00E+00	-6.85E+00	-1.33E-05	-6.85E+00	-1.24E+01	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	-1.96E+01
VF118PP	5.72E-03	6.59E-01	2.80E-02	6.31E-01	0.00E+00	0.00E+00	2.88E+00	-9.22E-05	2.46E-03	9.55E-03	0.00E+00	5.03E-19	-1.83E-09	1.49E-08	9.52E-02	-1.47E+01	0.00E+00	0.00E+00	3.86E+00	1.87E-18	1.58E+01	0.00E+00	1.44E-07	2.75E-08	2.20E-03	0.00E+00	-1.49E+00	0.00E+00	1.58E+01	4.34E-07	1.58E+01	1.43E+01	-1.49E+00	0.00E+00	0.00E+00	0.00E+00	8.27E+01
VF118PR	-6.45E-03	-2.90E-01	-2.09E-02	-3.80E-02	0.00E+00	0.00E+00	-3.54E-01	-3.57E-04	2.27E-04	2.45E-03	0.00E+00	-5.44E-05	-1.69E-09	-8.29E-08	-2.60E-02	-2.90E+01	0.00E+00	0.00E+00	6.79E-01	-3.89E-02	-5.97E+00	0.00E+00	7.68E-08	-1.07E-08	-4.29E-04	-2.40E-05	-4.32E+00	0.00E+00	-5.97E+00	-9.86E-06	-5.97E+00	-8.57E+00	-4.32E+00	0.00E+00	0.00E+00	0.00E+00	-5.47E+00
VF118PS	8.11E-03	1.29E+00	3.63E-02	1.25E+00	0.00E+00	0.00E+00	6.01E+00	1.41E-05	2.87E-03	1.40E-02	0.00E+00	5.31E-19	1.32E-09	3.00E-08	9.82E-02	2.28E+00	0.00E+00	0.00E+00	7.11E+00	1.94E-18	2.02E+01	0.00E+00	1.65E-07	6.75E-08	4.09E-03	0.00E+00	1.27E+00	0.00E+00	2.02E+01	6.48E-06	2.02E+01	2.14E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+02
VF118PT	6.75E-03	-1.08E+00	-1.08E-01	-9.70E-01	0.00E+00	0.00E+00	3.80E+00	8.23E-06	6.00E-03	-1.94E-03	0.00E+00	-6.63E-04	-5.83E-11	7.25E-08	-2.03E-01	-2.83E+01	0.00E+00	0.00E+00	4.04E+00	-3.06E-01	-2.79E+01	0.00E+00	5.45E-08	-5.72E-09	-6.68E-04	-2.52E-04	-3.79E+00	0.00E+00	-2.79E+01	-1.34E-06	-2.79E+01	-3.17E+01	-3.79E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+02
VF118PY	2.28E-03	-2.54E-01	-2.28E-03	1.18E-01	0.00E+00	0.00E+00	-8.89E-01	-3.15E-04	7.86E-04	3.45E-03	0.00E+00	-5.57E-05	-7.98E-10	-1.12E-07	-1.25E-02	-8.45E+00	0.00E+00	0.00E+00	1.94E-01	-2.93E-02	-6.34E+00	0.00E+00	6.37E-08	-9.66E-09	-2.94E-04	-3.32E-05	-1.12E+00	0.00E+00	-6.34E+00	-1.11E-05	-6.34E+00	-1.20E+01	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
VF118TA	-3.94E-03	-2.47E-01	-1.44E-02	1.61E-02	0.00E+00	0.00E+00	-6.12E-01	-3.49E-04	5.40E-04	3.34E-03	0.00E+00	-5.19E-05	-9.60E-10	-7.35E-08	-2.59E-02	-3.03E+01	0.00E+00	0.00E+00	1.29E-01	-5.07E-02	-4.83E+00	0.00E+00	8.19E-08	-1.26E-08	-3.35E-04	-2.13E-05	-3.34E+00	0.00E+00	-4.83E+00	-6.77E-06	-4.83E+00	-8.98E+00	-3.34E+00	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
VF118TD	-1.03E-02	-3.32E-01	-1.44E-02	-9.46E-02	0.00E+00	0.00E+00	-6.52E-01	-5.98E-04	3.99E-04	1.08E-03	0.00E+00	-5.50E-05	-1.85E-09	-7.92E-08	-3.18E-02	-3.10E+01	0.00E+00	0.00E+00	-9.45E-02	-5.33E-02	-6.04E+00	0.00E+00	7.96E-08	-1.46E-08	-7.06E-04	-2.29E-05	-3.42E+00	0.00E+00	-6.04E+00	-9.93E-06	-6.04E+00	-1.11E+01	-3.42E+00	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
VF118TES	-5.82E-03	-3.54E-01	-1.89E-02	-4.77E-02	0.00E+00	0.00E+00	-7.25E-01	-4.20E-04	5.19E-04	2.52E-03	0.00E+00	-5.56E-05	-1.82E-09	-1.34E-07	-2.29E-02	-2.85E+01	0.00E+00	0.00E+00	9.22E-02	-4.69E-02	-4.76E+00	0.00E+00	8.81E-08	-1.50E-08	-7.14E-04	-2.98E-05	-4.22E+00	0.00E+00	-4.76E+00	-2.20E-05	-4.76E+00	-9.25E+00	-4.22E+00	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
VF118TF	-3.60E-03	-2.70E-01	-1.50E-02	-1.32E-01	0.00E+00	0.00E+00	-6.62E-01	-4.17E-04	1.61E-04	2.09E-03	0.00E+00	-5.01E-05	-1.02E-09	-6.84E-08	-2.43E-02	-3.20E+01	0.00E+00	0.00E+00	7.33E-02	-4.52E-02	-4.62E+00	0.00E+00	6.86E-08	-1.31E-08	-4.83E-04	-1.58E-05	-3.74E+00	0.00E+00	-4.62E+00	-8.45E-06	-4.62E+00	-9.32E+00	-3.74E+00	0.00E+00	0.00E+00	0.00E+00	-1.80E+01
VF118TJ	-6.68E-03	-3.35E-01	-1.90E-02	-2.03E-01	0.00E+00	0.00E+00	-6.86E-01	-5.75E-04	9.67E-09	-2.28E-04	0.00E+00	-7.00E-05	-1.55E-09	-5.97E-08	-3.16E-02	-3.37E+01	0.00E+00	0.00E+00	-1.05E-01	-7.34E-02	-6.48E+00	0.00E+00	5.82E-08	-1.44E-08	-8.05E-04	-2.58E-05	-3.25E+00	0.00E+00	-6.48E+00	-9.94E-06	-6.48E+00	-1.20E+01	-3.25E+00	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
VF118TJ1	-6.59E-03	-3.44E-01	-1.70E-02	-1.36E-01	0.00E+00	0.00E+00	-6.26E-01	-5.13E-04	3.19E-04	5.71E-04	0.00E+00	-6.84E-05	-1.57E-09	-5.88E-08	-3.01E-02	-3.42E+01	0.00E+00	0.00E+00	-8.81E-02	-6.93E-02	-6.47E+00	0.00E+00	6.14E-08	-1.47E-08	-6.52E-04	-2.58E-05	-3.22E+00	0.00E+00	-6.47E+00	-8.19E-06	-6.47E+00	-1.20E+01	-3.22E+00	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
VF118TM	-6.65E-03	-3.24E-01	-2.16E-02	-1.27E-01	0.00E+00	0.00E+00	-6.44E-01	-5.24E-04	2.63E-04	3.11E-04	0.00E+00	-7.47E-05	-1.54E-09	-5.84E-08	-3.28E-02	-3.28E+01	0.00E+00	0.00E+00	-1.05E-01	-7.02E-02	-6.96E+00	0.00E+00	5.92E-08	-1.38E-08	-7.43E-04	-2.90E-05	-3.32E+00	0.00E+00	-6.96E+00	-9.97E-06	-6.96E+00	-1.20E+01	-3.32E+00	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
VF118TP	-5.03E-03	-3.01E-01	-1.65E-02	-9.09E-02	0.00E+00	0.00E+00	-6.87E-01	-4.99E-04	2.70E-04	2.50E-03	0.00E+00	-5.54E-05	-1.55E-09	-1.43E-07	-2.18E-02	-2.44E+01	0.00E+00	0.00E+00	3.60E-02	-4.88E-02	-5.34E+00	0.00E+00	8.50E-08	-1.45E-08	-6.57E-04	-2.71E-05	-3.36E+00	0.00E+00	-5.34E+00	-2.06E-05	-5.34E+00	-9.79E+00	-3.36E+00	0.00E+00	0.00E+00	0.00E+00	-2.89E+01
VF118TR	-1.11E-02	-3.63E-01	-2.20E-02	-1.26E-01	0.00E+00	0.00E+00	-4.13E-01	-4.44E-04	1.63E-04	-1.02E-03	0.00E+00	-5.87E-05	-2.77E-09	-9.61E-08	-2.76E-02	-3.49E+01	0.00E+00	0.00E+00	1.54E-01	-4.12E-02	-6.65E+00	0.00E+00	7.55E-08	-1.74E-08	-5.48E-04	-2.59E-05	-4.72E+00	0.00E+00	-6.65E+00	-1.19E-05	-6.65E+00	-9.86E+00	-4.72E+00	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
VF118TS	-8.93E-03	-3.80E-01	-1.92E-02	-1.55E-01	0.00E+00	0.00E+00	-7.27E-01	-6.25E-04	1.15E-04	-9.35E-04	0.00E+00	-6.57E-05	-2.95E-09	-1.34E-07	-2.24E-02	-2.90E+01	0.00E+00	0.00E+00	-1.09E-01	-6.17E-02	-5.52E+00	0.00E+00	5.70E-08	-1.93E-08	-1.05E-03	-3.62E-05	-3.71E+00	0.00E+00	-5.52E+00	-2.35E-05	-5.52E+00	-1.04E+01	-3.71E+00	0.00E+00	0.00E+00	0.00E+00	-3.79E+01
VF122PD	7.69E-03	2.22E+00	3.79E-02	2.18E+00	0.00E+00	0.00E+00	5.62E+00	1.16E-05	1.99E-03	2.10E-02	0.00E+00	6.54E-19	1.32E-09	1.54E-08	1.08E-01	2.70E+00	0.00E+00	0.00E+00	6.74E+00	2.41E-18	2.15E+01	0.00E+00	1.83E-07	7.39E-08	5.49E-03	0.00E+00	1.33E+00	0.00E+00	2.15E+01	6.26E-06	2.15E+01	2.29E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02
VF122PF	1.81E-03	-1.27E-01	-5.88E-02	-2.34E-01	0.00E+00	0.00E+00	-8.79E-01	-2.98E-04	1.03E-03	-3.94E-04	0.00E+00	-3.69E-04	-5.71E-10	-8.09E-08	-8.23E-02	-9.74E+00	0.00E+00	0.00E+00	5.06E-01	-1.81E-01	-1.28E+01	0.00E+00	4.15E-08	-8.96E-09	-9.90E-05	-2.87E-04	-1.41E+00	0.00E+00	-1.28E+01	-9.24E-06	-1.28E+01	-1.64E+01	-1.41E+00	0.00E+00	0.00E+00	0.00E+00	-9.79E+00

VF122PJ	-2.80E-03	-3.23E-01	-1.01E-01	-6.23E-01	0.00E+00	0.00E+00	-1.04E+00	-4.69E-04	4.68E-05	-4.00E-03	0.00E+00	-5.56E-04	-1.57E-09	-7.67E-08	-1.19E-01	-2.20E+01	0.00E+00	0.00E+00	4.08E-02	-2.40E-01	-1.76E+01	0.00E+00	2.36E-08	-1.53E-08	-1.10E-03	-3.03E-04	-2.78E+00	0.00E+00	-1.76E+01	-1.20E-05	-1.76E+01	-2.14E+01	-2.78E+00	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
VF122PM	1.08E-03	-1.43E-01	-9.37E-02	-6.42E-01	0.00E+00	0.00E+00	-9.34E-01	-3.14E-04	3.88E-04	-2.59E-03	0.00E+00	-4.61E-04	-8.23E-10	-7.53E-08	-1.22E-01	-1.31E+01	0.00E+00	0.00E+00	3.33E-01	-2.16E-01	-1.86E+01	0.00E+00	4.05E-08	-1.02E-08	-1.01E-03	-2.90E-04	-3.34E+00	0.00E+00	-1.86E+01	-8.34E-06	-1.86E+01	-2.05E+01	-3.34E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
VF122PP	-8.21E-04	-2.26E+00	-1.86E-01	-2.08E+00	0.00E+00	0.00E+00	-1.50E+00	2.50E-06	1.42E-03	-8.54E-03	0.00E+00	-9.53E-04	5.86E-10	2.31E-08	-3.27E-01	-5.45E+01	0.00E+00	0.00E+00	3.05E+00	-4.40E-01	-4.74E+01	0.00E+00	1.49E-08	-4.11E-08	-2.86E-03	-3.63E-04	-7.87E+00	0.00E+00	-4.74E+01	6.96E-07	-4.74E+01	-5.52E+01	-7.87E+00	0.00E+00	0.00E+00	0.00E+00	7.89E+01
VF122PS	-1.12E-02	9.07E-02	-8.69E-02	-2.90E-01	0.00E+00	0.00E+00	-1.12E+00	-1.27E-03	1.20E-03	-3.81E-03	0.00E+00	-3.80E-04	-2.94E-09	-1.05E-07	-8.53E-02	-1.60E+01	0.00E+00	0.00E+00	2.36E-01	-1.57E-01	-1.14E+01	0.00E+00	6.78E-08	-9.69E-09	-7.71E-04	-3.09E-04	-3.23E+00	0.00E+00	-1.14E+01	-2.59E-05	-1.14E+01	-1.50E+01	-3.23E+00	0.00E+00	0.00E+00	0.00E+00	-3.65E+01
VF122TA	-2.12E-03	-1.47E-01	-1.53E-02	-3.60E-01	0.00E+00	0.00E+00	-7.00E-01	-6.13E-04	-7.09E-05	-2.95E-04	0.00E+00	-6.79E-05	-8.87E-10	-6.80E-08	-6.57E-02	-3.30E+01	0.00E+00	0.00E+00	1.45E-01	-5.65E-02	-5.01E+00	0.00E+00	8.74E-08	-1.20E-08	-8.03E-04	-3.48E-05	-3.80E+00	0.00E+00	-5.01E+00	-6.34E-06	-5.01E+00	-8.21E+00	-3.80E+00	0.00E+00	0.00E+00	0.00E+00	-1.42E+01
VF122TD	-2.72E-03	-1.39E-01	-1.40E-02	-6.21E-02	0.00E+00	0.00E+00	-6.84E-01	-6.27E-04	1.23E-04	1.92E-03	0.00E+00	-6.48E-05	-6.63E-10	-6.74E-08	-6.16E-02	-3.01E+01	0.00E+00	0.00E+00	1.39E-01	-5.73E-02	-4.94E+00	0.00E+00	8.71E-08	-1.38E-08	-2.13E-04	-3.48E-05	-3.40E+00	0.00E+00	-4.94E+00	-6.59E-06	-4.94E+00	-8.37E+00	-3.40E+00	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
VF122TF	-1.58E-03	-2.10E-01	-1.36E-02	-1.34E-01	0.00E+00	0.00E+00	-6.49E-01	-5.79E-04	2.56E-04	2.35E-03	0.00E+00	-6.27E-05	-9.13E-10	-6.10E-08	-5.69E-02	-3.43E+01	0.00E+00	0.00E+00	9.99E-02	-5.42E-02	-5.60E+00	0.00E+00	7.94E-08	-1.24E-08	-2.35E-04	-3.08E-05	-3.61E+00	0.00E+00	-5.60E+00	-7.05E-06	-5.60E+00	-9.72E+00	-3.61E+00	0.00E+00	0.00E+00	0.00E+00	-1.67E+01
VF122TJ	-6.02E-03	-3.08E-01	-2.05E-02	-3.50E-01	0.00E+00	0.00E+00	-7.41E-01	-7.54E-04	-2.35E-04	-4.63E-04	0.00E+00	-9.87E-05	-1.76E-09	-5.58E-08	-6.97E-02	-3.44E+01	0.00E+00	0.00E+00	-2.96E-01	-8.82E-02	-8.01E+00	0.00E+00	6.68E-08	-1.62E-08	-8.28E-04	-3.88E-05	-3.45E+00	0.00E+00	-8.01E+00	-8.69E-06	-8.01E+00	-1.32E+01	-3.45E+00	0.00E+00	0.00E+00	0.00E+00	-2.40E+01
VF122TM	-2.59E-03	-3.02E-01	-2.05E-02	-4.39E-01	0.00E+00	0.00E+00	-6.68E-01	-6.06E-04	-1.75E-04	-3.56E-04	0.00E+00	-8.18E-05	-9.37E-10	-5.69E-08	-7.60E-02	-3.65E+01	0.00E+00	0.00E+00	1.35E-02	-6.20E-02	-8.64E+00	0.00E+00	7.84E-08	-1.24E-08	-8.47E-04	-3.41E-05	-4.22E+00	0.00E+00	-8.64E+00	-6.32E-06	-8.64E+00	-1.14E+01	-4.22E+00	0.00E+00	0.00E+00	0.00E+00	-1.71E+01
VF122TP	-4.69E-03	-3.58E-01	-1.73E-02	-3.54E-01	0.00E+00	0.00E+00	-7.54E-01	-7.12E-04	-5.35E-05	-1.30E-03	0.00E+00	-8.46E-05	-1.87E-09	-1.32E-07	-7.25E-02	-2.78E+01	0.00E+00	0.00E+00	9.15E-02	-5.73E-02	-7.11E+00	0.00E+00	9.18E-08	-1.43E-08	-1.06E-03	-3.69E-05	-3.98E+00	0.00E+00	-7.11E+00	-2.05E-05	-7.11E+00	-1.12E+01	-3.98E+00	0.00E+00	0.00E+00	0.00E+00	-1.99E+01
VF122TS	-1.38E-02	1.34E-01	-1.95E-02	-3.71E-02	0.00E+00	0.00E+00	-8.64E-01	-1.17E-03	7.66E-04	-2.32E-03	0.00E+00	-8.14E-05	-4.26E-09	-1.50E-07	-4.75E-02	-2.56E+01	0.00E+00	0.00E+00	-5.50E-02	-6.29E-02	-4.43E+00	0.00E+00	9.85E-08	-1.44E-08	-1.19E-03	-3.87E-05	-3.67E+00	0.00E+00	-4.43E+00	-2.34E-05	-4.43E+00	-7.75E+00	-3.67E+00	0.00E+00	0.00E+00	0.00E+00	-4.00E+01
VF212PA	-3.79E-03	-2.27E-01	-9.49E-02	-1.90E-01	0.00E+00	0.00E+00	-9.93E-01	-8.09E-04	-2.86E-04	-2.82E-04	0.00E+00	-5.01E-04	-2.75E-09	-5.53E-08	-3.26E-02	-1.91E+01	0.00E+00	0.00E+00	1.03E-01	-4.95E-02	-1.63E+01	0.00E+00	5.67E-08	-1.97E-08	-5.50E-04	-2.65E-04	-2.70E+00	0.00E+00	-1.63E+01	-8.93E-06	-1.63E+01	-1.82E+01	-2.70E+00	0.00E+00	0.00E+00	0.00E+00	-3.18E+01
VF212PD	1.65E-03	1.55E+00	2.04E-02	1.53E+00	0.00E+00	0.00E+00	1.12E+00	-3.70E-04	1.15E-03	1.32E-02	0.00E+00	5.23E-19	-3.95E-09	-3.61E-08	8.57E-02	1.08E+00	0.00E+00	0.00E+00	7.03E-02	2.00E-18	1.44E+01	0.00E+00	1.44E-07	2.60E-08	2.62E-03	0.00E+00	4.78E-01	0.00E+00	1.44E+01	-1.20E-05	1.44E+01	1.49E+01	4.78E-01	0.00E+00	0.00E+00	0.00E+00	-6.91E+01
VF212PE	-3.45E-03	-1.77E+00	-1.82E-01	-1.59E+00	0.00E+00	0.00E+00	-2.42E+00	-8.63E-05	-5.94E-04	-6.59E-03	0.00E+00	-9.17E-04	4.23E-10	-1.02E-08	-3.10E-01	-3.48E+01	0.00E+00	0.00E+00	2.61E+00	-4.24E-01	-4.37E+01	0.00E+00	2.97E-08	-2.70E-08	-2.42E-03	-3.49E-04	-5.03E+00	0.00E+00	-4.37E+01	-1.15E-06	-4.37E+01	-4.87E+01	-5.03E+00	0.00E+00	0.00E+00	0.00E+00	6.29E+01
VF212PEB	-6.04E-03	-2.47E+00	-1.96E-01	-2.27E+00	0.00E+00	0.00E+00	-6.03E+00	-9.99E-05	-1.17E-03	-1.32E-02	0.00E+00	-9.09E-04	-2.77E-09	-1.56E-08	-3.33E-01	-3.57E+01	0.00E+00	0.00E+00	-1.82E+00	-4.20E-01	-5.19E+01	0.00E+00	-2.63E-08	-7.03E-08	-4.89E-03	-3.46E-04	-5.63E+00	0.00E+00	-5.19E+01	-5.28E-06	-5.19E+01	-5.75E+01	-5.63E+00	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
VF212PEH	5.28E-03	9.61E-01	3.08E-02	9.30E-01	0.00E+00	0.00E+00	5.08E+00	1.10E-05	1.14E-03	1.22E-02	0.00E+00	5.35E-19	1.38E-09	1.23E-08	9.11E-02	-1.56E+01	0.00E+00	0.00E+00	6.41E+00	1.91E-18	1.77E+01	0.00E+00	1.45E-07	4.92E-08	3.44E-03	0.00E+00	-1.41E+00	0.00E+00	1.77E+01	5.77E-06	1.77E+01	1.63E+01	-1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+02
VF212PF	-5.72E-03	-2.89E-01	-6.40E-02	-2.62E-01	0.00E+00	0.00E+00	-9.77E-01	-3.80E-04	-1.93E-04	-2.02E-03	0.00E+00	-5.22E-04	-2.81E-09	-1.47E-08	-1.65E-02	-1.91E+01	0.00E+00	0.00E+00	-3.05E-02	-1.64E-01	-1.03E+01	0.00E+00	2.85E-08	-1.96E-08	-7.20E-04	-2.04E-04	-1.16E+00	0.00E+00	-1.03E+01	-7.74E-06	-1.03E+01	-1.41E+01	-1.16E+00	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
VF212PJ	-4.69E-03	-2.66E-01	-5.31E-02	-2.01E-01	0.00E+00	0.00E+00	-9.68E-01	-4.19E-04	-1.43E-04	-8.82E-04	0.00E+00	-4.56E-04	-3.05E-09	-1.69E-08	-1.16E-02	-1.56E+01	0.00E+00	0.00E+00	-4.57E-03	-1.36E-01	-9.26E+00	0.00E+00	4.13E-08	-1.66E-08	-6.63E-04	-1.90E-04	-9.75E-01	0.00E+00	-9.26E+00	-7.19E-06	-9.26E+00	-1.48E+01	-9.75E-01	0.00E+00	0.00E+00	0.00E+00	-3.25E+01
VF212PM	-5.27E-03	-3.11E-01	-6.56E-02	-1.93E-01	0.00E+00	0.00E+00	-1.01E+00	-4.06E-04	-2.31E-04	-8.65E-04	0.00E+00	-5.27E-04	-2.93E-09	-1.40E-08	-1.53E-02	-1.58E+01	0.00E+00	0.00E+00	-5.56E-02	-1.60E-01	-1.01E+01	0.00E+00	3.90E-08	-1.78E-08	-6.82E-04	-2.05E-04	-1.11E+00	0.00E+00	-1.01E+01	-7.61E-06	-1.01E+01	-1.53E+01	-1.11E+00	0.00E+00	0.00E+00	0.00E+00	-3.19E+01
VF212PP	-3.91E-02	-2.73E+00	-1.97E-01	-2.53E+00	0.00E+00	0.00E+00	-1.14E+01	-3.45E-03	-2.44E-03	-2.98E-02	0.00E+00	-9.17E-04	-5.42E-09	-4.06E-07	-3.29E-01	-6.39E+01	0.00E+00	0.00E+00	-7.23E+00	-4.24E-01	-5.08E+01	0.00E+00	-1.55E-08	-1.22E-07	-9.07E-03	-3.49E-04	-9.83E+00	0.00E+00	-5.08E+01	-1.01E-04	-5.08E+01	-6.06E+01	-9.83E+00	0.00E+00	0.00E+00	0.00E+00	-3.54E+02
VF212PR	-1.31E-02	2.89E-01	-2.22E-02	-8.28E-02	0.00E+00	0.00E+00	-3.53E-01	-9.39E-04	2.14E-04	-1.55E-03	0.00E+00	-8.37E-05	-4.37E-09	-8.55E-08	-1.32E-02	-2.87E+01	0.00E+00	0.00E+00	1.43E-01	-6.42E-02	-3.27E+00	0.00E+00	9.75E-08	-1.99E-08	-9.41E-04	-5.25E-05	-3.64E+00	0.00E+00	-3.27E+00	-1.03E-05	-3.27E+00	-7.58E+00	-3.64E+00	0.00E+00	0.00E+00	0.00E+00	-2.42E+01
VF212PS	-2.32E-02	3.78E-01	1.03E-02	3.68E-01	0.00E+00	0.00E+00	-5.03E+00	-2.68E-03	-4.96E-04	-7.37E-03	0.00E+00	4.09E-19	-7.32E-09	-3.07E-07	7.25E-02	-4.71E+00	0.00E+00	0.00E+00	-4.91E+00	1.56E-18	1.05E+01	0.00E+00	1.13E-07	-3.20E-08	-2.85E-03	0.00E+00	-6.02E-01	0.00E+00	1.05E+01	-7.71E-05	1.05E+01	9.87E+00	-6.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+02
VF212PT	-1.81E-01	7.94E-01	-2.18E-03	7.97E-01	0.00E+00	0.00E+00	-3.91E+01	-1.87E-02	-6.53E-03	-8.57E-02	0.00E+00	6.89E-19	-2.32E-08	-2.18E-06	6.90E-02	-1.80E+01	0.00E+00	0.00E+00	-3.08E+01	2.56E-18	5.59E+00	0.00E+00	1.01E-07	-2.86E-07	-2.50E-02	0.00E+00	-3.12E+00	0.00E+00	5.59E+00	-5.82E-04	5.59E+00	2.47E+00	-3.12E+00	0.00E+00	0.00E+00	0.00E+00	-1.41E+03
VF212PY	-5.52E-03	-4.48E-01	-8.11E-02	-5.89E-01	0.00E+00	0.00E+00	-1.07E+00	-1.28E-03	-6.15E-04	-4.91E-03	0.00E+00	-1.84E-04	-3.52E-09	-1.16E-07	-6.46E-02	-3.31E+01	0.00E+00	0.00E+00	-4.42E-02	-4.05E-02	-1.33E+01	0.00E+00	5.76E-08	-2.25E-08	-1.58E-03	-2.35E-04	-5.63E+00	0.00E+00	-1.33E+01	-1.86E-05	-1.33E+01	-1.97E+01	-5.63E+00	0.00E+00	0.00E+00	0.00E+00	-3.89E+01
VF212PZB	5.11E-03	1.15E+00	2.47E-02	1.12E+00	0.00E+00	0.00E+00	2.76E+00	5.41E-06	1.12E-03	1.28E-02	0.00E+00	4.76E-19	-4.76E-11	6.09E-09	1.00E-01	1.99E+00	0.00E+00	0.00E+00	3.71E+00	1.82E-18	1.86E+01	0.00E+00	1.59E-07	5.51E-08	3.57E-03	0.00E+00	8.90E-01	0.00E+00	1.86E+01	4.64E-06	1.86E+01	1.95E+01	8.90E-01	0.00E+00	0.00E+00	0.00E+00	7.30E+01
VF212PZC	-3.30E-03	-3.77E-02	-1.45E-02	-7.96E-02	0.00E+00	0.00E+00	-6.48E-01	-3.59E-04	3.15E-04	3.14E-03	0.00E+00	-1.11E-04	-1.74E-09	-6.45E-08	-3.55E-03	-1.37E+01	0.00E+00	0.00E+00	1.34E-01	-4.01E-02	-4.57E+00	0.00E+00	5.83E-08	-1.36E-08	-1.62E-04	-9.40E-05	-1.94E+00	0.00E+00	-4.57E+00	-1.33E-05	-4.57E+00	-7.55E+00	-1.94E+00	0.00E+00	0.00E+00	0.00E+00	-2.15E+01
VF212PZG	-4.88E-03	-4.65E-01	-4.50E-02	-6.13E-01	0.00E+00	0.00E+00	-1.16E+00	-1.02E-03	-4.56E-04	-4.72E-03	0.00E+00	-3.02E-04	-1.84E-09	-5.58E-08	-6.01E-02	-2.52E+01	0.00E+00	0.00E+00	-6.75E-02	-9.92E-02	-9.20E+00	0.00E+00	4.90E-08	-1.85E-08	-1.32E-03	-8.67E-05	-4.97E+00	0.00E+00	-9.20E+00	-1.25E-05	-9.20E+00	-1.72E+01	-4.97E+00	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
VF212TA	-1.13E-02	-9.07E-02	-1.51E-02	-2.35E-02	0.00E+00	0.00E+00	-6.47E-01	-5.61E-04	-1.41E-04	6.68E-04	0.00E+00	-8.59E-05	-4.12E-09	-6.04E-08	-1.21E-02	-2.76E+01	0.00E+00	0.00E+00	-9.83E-02	-8.08E-02	-2.90E+00	0.00E+00	9.83E-08	-1.89E-08	-7.76E-04	-5.06E-05	-1.82E+00	0.00E+00	-2.90E+00	-6.70E-06	-2.90E+00	-7.86E+00	-1.82E+00	0.00E+00	0.00E+00	0.00E+00	-3.29E+01
VF212TD	-1.45E-02	-5.53E-02	-8.06E-03	-3.63E-02	0.00E+00	0.00E+00	-6.90E-01	-9.08E-04	-3.16E-04	4.23E-04	0.00E+00	-5.18E-05	-4.41E-09	-8.83E-08	-7.89E-03	-2.57E+01	0.00E+00	0.00E+00	-1.48E-01	-4.03E-02	-2.12E+00	0.00E+00	1.08E-07	-1.90E-08	-8.09E-04	-3.07E-05	-1.98E+00	0.00E+00	-2.12E+00	-7.68E-06	-2.12E+00	-7.25E+00	-1.98E+00	0.00E+00	0.00E+00	0.00E+00	-3.57E+01
VF212TE	-5.80E-03	-1.58E-01	-1.36E-02	-1.02E-01	0.00E+00	0.00E+00	-5.69E-01	-6.09E-04	-1.97E-04	1.91E-03	0.00E+00	-7.02E-05	-2.55E-09	-6.43E-08	-1.88E-02	-2.50E+01	0.00E+00	0.00E+00	1.36E-01	-9.31E-02	-2.55E+00	0.00E+00	1.04E-07	-1.67E-08	-3.69E-04	-5.21E-05	-1.56E+00	0.00E+00	-2.55E+00	-4.33E-06	-2.55E+00	-6.26E+00	-1.56E+00	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
VF212TF	-6.82E-03	-1.91E-01	-7.58E-03	-1.64E-01	0.00E+00	0.00E+00	-6.02E-01	-7.18E-04	1.94E-04	2.16E-03	0.00E+00	-4.96E-05	-2.11E-09	-2.75E-08	-1.64E-02	-3.72E+01	0.00E+00	0.00E+00	-3.02E-03	-4.05E-02	-3.82E+00	0.00E+00	8.39E-08	-1.75E-08	-4.33E-04	-3.21E-05	-2.73E+00	0.00E+00	-3.82E+00	-4.50E-06	-3.82E+00	-9.04E+00	-2.73E+00	0.00E+00	0.00E+00	0.00E+00	-2.26E+01
VF212TJ	-8.85E-03	-2.43E-01	-1.54E-02	-2.03E-01	0.00E+00	0.00E+00	-6.48E-01	-5.28E-04	-3.61E-05	3.35E-04	0.00E+00	-9.08E-05	-3.02E-09	-2.21E-08	-2.60E-02	-3.24E+01	0.00E+00	0.00E+00	-2.47E-01	-7.74E-02	-5.61E+00	0.00E+00	6.99E-08	-1.84E-08	-7.68E-04	-4.70E-05	-1.97E+00	0.00E+00	-5.61E+00	-5.00E-06	-5.61E+00	-1.15E+01	-1.97E+00	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
VF212TM	-7.53E-03	-1.14E-01	-1.32E-02	-3.83E-01	0.00E+00	0.00E+00	-6.55E-01	-7.88E-04	-4.26E-04	-7.64E-05	0.00E+00	-6.33E-05	-1.88E-09	-3.34E-08	-2.55E-02	-3.38E+01	0.00E+00	0.00E+00	-1.08E-01	-4.29E-02	-4.56E+00	0.00E+00	8.17E-08	-1.84E-08	-8.41E-04	-3.34E-05	-3.00E+00	0.00E+00	-4.56E+00	-4.52E-06	-4.56E+00	-9.10E+00	-3.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.74E+01
VF212TP	-2.88E-02	9.51E-01	1.90E-02	9.32E-01	0.00E+00	0.00E+00	-5.54E+00	-3.56E-03	-3.17E-04	-5.89E-03	0.00E+00	5.73E-19	-8.43E-09	-4.06E-07	1.00E-01	-7.95E-01	0.00E+00	0.00E+00	-4.21E+00	2.19E-18	1.88E+01	0.00E+00	1.81E-07	-1.34E-08	-2.34E-03	0.00E+00	2.11E-01	0.00E+00	1.88E+01	-9.83E-05	1.88E+01	1.90E+01	2.11E-01	0.00E+00	0.00E+00	0.00E+00	-2.64E+02
VF212TR	-1.30E-02	2.89E-01	-2.22E-02	-2.63E-02	0.00E+00	0.00E+00	-3.53E-01	-9.39E-04	2.11E-04	-1.55E-03	0.00E+00	-8.06E-05	-4.37E-09	-8.55E-08	-1.08E-02	-2.86E+01	0.00E+00	0.00E+00	1.43E-01	-6.42E-02	-3.26E+00	0.00E+00	9.99E-08	-2.01E-08	-9.41E-04	-5.25E-05	-3.65E+00	0.00E+00	-3.26E+00	-1.03E-05	-3.26E+00	-7.34E+00	-3.65E+00	0.00E+00	0.00E+00	0.00E+00	-2.35E+01
VF212TS	-1.69E-02	3.99E-01	-1.85E-02	1.24E-01	0.00E+00	0.00E+00	-7.12E-01	-1.33E-03	2.67E-04	-6.93E-04	0.00E+00	-7.46E-05	-6.35E-09	-2.50E-07	5.45E-03	-1.81E+01	0.00E+00	0.00E+00	-3.61E-02	-7.06E-02	5.68E-01	0.00E+00	1.10E-07	-1.52E-08	-7.25E-04	-5.16E-05	-2.71E+00	0.00E+00	5.68E-01	-2.68E-05	5.68E-01	-3.40E+00	-2.71E+00	0.00E+00	0.00E+00	0.00E+00	-5.01E+01
VF212TY	-1.12E-02	-1.63E-01	-8.61E-03	-2.15E-01	0.00E+00	0.00E+00	-6.70E-01	-8.76E-04	-4.53E-04	-6.18E-04	0.00E+00	-5.09E-05	-3.53E-09	-1.26E-07	-1.64E-02	-3.10E+01	0.00E+00	0.00E+00	1.19E-02	-3.93E-02	-9.26E-01	0.00E+00	1.11E-07	-2.14E-08	-9.85E-04	-2.89E-05	-2.77E+00	0.00E+00	-9.26E-01	-1.34E-05	-9.26E-01	-6.22E+00	-2.77E+00	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
VF218PA	-8.72E-03	-1.13E+00	-1.75E-01	-1.28E+00	0.00E+00	0.00E+00	-1.48E+00	-4.10E-04	-3.33E-04	-7.49E-03	0.00E+00	-9.48E-04	-3.49E-09	-6.76E-08	-2.35E-01	-2.70E+01	0.00E+00	0.00E+00	7.43E-01	-3.79E-01	-3.49E+01	0.00E+00	4.68E-08	-2.46E-08	-2.45E-03	-3.72E-04	-6.17E+00	0.00E+00	-3.49E+01	-1.25E-05	-3.49E+01	-3.77E+01	-6.17E+00	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
VF218PD	-8.52E-03	-1.19E+00	-1.81E-01	-1.01E+00	0.00E+00	0.00E+00	-6.38E+00	-6.49E-04	-5.41E-04	-5.96E-03	0.00E+00	-8.76E-04	-4.88E-09	-7.53E-08	-3.04E-01	-3.43E+01	0.00E+00	0.00E+00	-2.36E+00	-4.05E-01	-4.70E+01	0.00E+00	1.58E-08	-6.85E-08	-3.79E-03	-3.33E-04	-5.32E+00	0.00E+00	-4.70E+01	-2.47E-05	-4.70E+01	-5.23E+01	-5.32E+00	0.00E+00	0.00E+00	0.00E+00	-1.41E+02
VF218PEH	-1.19E-02	-1.01E+00	-1.83E-01	-1.14E+00	0.00E+00	0.00E+00	-1.08E+00	-3.69E-04	3.55E-04	-8.17E-03	0.00E+00	-8.76E-04	-2.37E-09	-1.09E-07	-2.45E-01	-2.07E+01	0.00E+00	0.00E+00	1.34E+00	-2.84E-01	-3.00E+01	0.00E+00	7.12E-08	-2.11E-08	-2.59E-03	-3.77E-04	-7.78E+00	0.00E+00	-3.00E+01	-3.26E-05	-3.00E+01	-3.24E+01	-7.78E+00	0.00E+00	0.00E+00	0.00E+00	-2.07E+00
VF218PES	-2.34E-02	-2.97E+00	-2.37E-01	-2.73E+00	0.00E+00	0.00E+00	-7.42E+00	-1.88E-03	-1.81E-03	-2.16E-02	0.00E+00	-1.16E-03	-1.78E-09	-2.20E-07	-4.06E-01	-7.10E+01	0.00E+00	0.00E+00	-8.21E-01	-5.37E-01	-6.00E+01	0.00E+00	4.70E-09	-9.14E-08	-6.83E-03	-4.43E-04	-1.05E+01	0.00E+00	-6.00E+01	-5.31E-05	-6.00E+01	-7.05E+01	-1.05E+01	0.00E+00	0.00E+00	0.00E+00	-9.41E+01
VF218PF	-9.69E-03	-9.22E-01	-1.47E-01	-1.13E+00	0.00E+00	0.00E+00	-1.68E+00	-5.47E-04	-7.98E-05	-1.02E-02	0.00E+00	-8.39E-04	-3.61E-09	-7.43E-08	-1.89E-01	-3.41E+01	0.00E+00	0.00E+00	4.88E-02	-3.64E-01	-2.81E+01	0.00E+00	3.74E-08	-2.78E-08	-2.21E-03	-3.25E-04	-5.26E+00	0.00E+00	-2.81E+01	-1.63E-05	-2.81E+01	-3.36E+01	-5.26E+00	0.00E+00	0.00E+00	0.00E+00	-4.09E+01
VF218PJ	-6.22E-03	-7.67E-01	-1.44E-01	-1.05E+00	0.00E+00	0.00E+00	-1.65E+00	-4.05E-04	1.82E-05	-7.55E-03	0.00E+00	-8.27E-04	-3.75E-09	-7.39E-08	-1.62E-01	-2.32E+01	0.00E+00	0.00E+00	5.81E-01	-3.85E-01	-2.70E+01	0.00E+00	4.64E-08	-2.13E-08	-1.85E-03	-3.27E-04	-5.18E+00	0.00E+00	-2.70E+01	-1.37E-05	-2.70E+01	-3.14E+01	-5.18E+00	0.00E+00	0.00E+00	0.00E+00	-2.36E+01
VF218PJ1	-8.29E-03	-8.78E-01	-1.39E-01	-1.11E+00	0.00E+00	0.00E+00	-1.56E+00	-5.81E-04	-2.43E-04	-9.28E-03	0.00E+00	-8.24E-04	-4.73E-09	-7.42E-08	-1.81E-01	-3.35E+01	0.00E+00	0.00E+00	1.01E-01	-3.80E-01	-2.86E+01	0.00E+00	4.47E-08	-2.77E-08	-2.16E-03	-3.47E-04	-5.07E+00	0.00E+00	-2.86E+01	-1.17E-05	-2.86E+01	-3.39E+01	-5.07E+00	0.00E+00	0.00E+00	0.00E+00	-4.14E+01
VF218PM	-8.85E-03	-9.54E-01	-1.43E-01	-1.07E+00	0.00E+00	0.00E+00	-1.77E+00	-6.00E-04	-1.87E-04	-8.97E-03	0.00E+00	-8.55E-04	-4.72E-09	-7.10E-08	-1.84E-01	-3.16E+01	0.00E+00	0.00E+00	-5.43E-02	-3.95E-01	-2.89E+01	0.00E+00	3.91E-08	-2.79E-08	-2.15E-03	-3.30E-04	-5.10E+00	0.00E+00	-2.89E+01	-1.63E-05	-2.89E+01	-3.34E+01	-5.10E+00	0.00E+00	0.00E+00	0.00E+00	-4.18E+01
VF218PP	7.35E-03	6.44E-01	3.72E-02	6.07E-01	0.00E+00	0.00E+00	3.54E+00	-1.81E-04	3.59E-03	1.11E-02	0.00E+00	6.87E-19	-4.02E-09	1.92E-08	1.27E-01	-2.62E+01	0.00E+00	0.00E+00	4.29E+00	2.56E-18	1.98E+01	0.00E+00	1.89E-07	2.10E-08	2.15E-03	0.00E+00	-2.99E+00	0.00E+00	1.98E+01	-2.43E-06	1.98E+01	1.68E+01	-2.99E+00	0.00E+00	0.00E+00	0.00E+00	7.23E+01
VF218PR	-4.65E-03	-3.99E-01	6.01E-03	-6.04E-01	0.00E+00	0.00E+00	-1.58E-01	-3.35E-04	2.73E-04	3.20E-03	0.00E+00	-5.64E-05	-2.08E-09	-7.12E-08	-6.51E-02	-2.82E+01	0.00E+00	0.00E+00	1.43E+00	-2.63E-02	-2.86E+00	0.00E+00	7.54E-08	-3.56E-09	-1.43E-05	-2.90E-05	-4.94E+00	0.00E+00	-2.86E+00	-8.82E-06	-2.86E+00	-6.13E+00	-4.94E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+01
VF218PS	-8.15E-03	-6.33E-01	-1.44E-01	-9.51E-01	0.00E+00	0.00E+00	-1.27E+00	-3.98E-04	5.75E-04	-7.32E-03	0.00E+00	-8.45E-04	-2.97E-09	-1.09E-07	-1.62E-01	-2.07E+01	0.00E+00	0.00E+00	9.25E-01	-2.86E-01	-2.07E+01	0.00E+00	7.24E-08	-2.00E-08	-2.12E-03	-3.54E-04	-6.35E+00	0.00E+00	-2.07E+01	-3.31E-05	-2.07E+01	-2.69E+01	-6.35E+00	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
VF218PT	-1.33E-01	-2.66E+00	-2.06E-01	-2.46E+00	0.00E+00	0.00E+00	-3.73E+01	-1.35E-02	-8.47E-04	-8.40E-02	0.00E+00	-8.86E-04	-2.55E-08	-1.53E-06	-3.40E-01	-5.02E+01	0.00E+00	0.00E+00	-2.99E+01	-4.09E-01	-6.25E+01	0.00E+00	-5.58E-08	-3.45E-07	-2.64E-02	-3.37E-04	-8.73E+00	0.00E+00	-6.25E+01	-4.96E-04	-6.25E+01	-7.12E+01	-8.73E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+03
VF218PY	-3.38E-03	-4.93E-01	-1.22E-01	-9.85E-01	0.00E+00	0.00E+00	-1.06E+00	-4.43E-04	8.31E-04	-5.85E-03	0.00E+00	-9.06E-04	-4.14E-09	-7.04E-08	-9.97E-02	-2.67E+01	0.00E+00	0.00E+00	1.07E+00	-3.78E-01	-1.89E+01	0.00E+00	9.88E-08	-1.81E-08	-9.42E-04	-3.45E-04	-4.56E+00	0.00E+00	-1.89E+01	-1.89E-05	-1.89E+01	-2.57E+01	-4.56E+00	0.00E+00	0.00E+00	0.00E+00	-1.88E+01
VF218PZB	-4.35E-04	-2.73E-01	-9.18E-02	-3.03E-01	0.00E+00	0.00E+00	-1.08E+00	-1.57E-04	1.35E-04	-1.29E-03	0.00E+00	-5.08E-04	-3.61E-10	-9.44E-09	-1.08E-01	-1.43E+01	0.00E+00	0.00E+00	5.82E-01	-3.17E-01	-1.76E+01	0.00E+00	5.96E-08	-1.05E-08	1.67E-05	-3.09E-04	-2.82E+00	0.00E+00	-1.76E+01	-4.63E-06	-1.76E+01	-2.10E+01	-2.82E+00	0.00E+00	0.00E+00	0.00E+00	-1.67E+01
VF218PZG	-2.40E-03	-5.94E-01	-1.06E-01	-1.00E+00	0.00E+00	0.00E+00	-1.31E+00	-3.76E-04	8.36E-04	-6.42E-03	0.00E+00	-7.73E-04	-1.73E-09	-7.42E-08	-8.96E-02	-1.96E+01	0.00E+00	0.00E+00	1.03E+00	-3.85E-01	-1.91E+01	0.00E+00	9.19E-08	-1.57E-08	-5.96E-04	-3.41E-04	-4.44E+00	0.00E+00	-1.91E+01	-1.48E-05	-1.91E+01	-2.70E+01	-4.44E+00	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
VF218TA	-3.20E-03	-4.64E-01	7.60E-03	-6.42E-01	0.00E+00	0.00E+00	-6.49E-01	-3.98E-04	1.52E-04	3.37E-03	0.00E+00	-4.96E-05	-3.13E-09	-7.75E-08	-7.37E-02	-3.21E+01	0.00E+00	0.00E+00	1.30E+00	-3.89E-02	-3.39E+00	0.00E+00	7.51E-08	-1.01E-08	-6.10E-04	-3.92E-05	-4.44E+00	0.00E+00	-3.39E+00	-8.46E-06	-3.39E+00	-8.50E+00	-4.44E+00	0.00E+00	0.00E+00	0.00E+00	-5.90E+00
VF218TD	-4.00E-03	-4.07E-01	2.12E-03	-5.36E-01	0.00E+00	0.00E+00	-6.81E-01	-4.71E-04	-9.87E-07	3.52E-03	0.00E+00	-5.63E-05	-3.08E-09	-8.70E-08	-7.58E-02	-4.15E+01	0.00E+00	0.00E+00	6.87E-01	-4.13E-02	-4.71E+00	0.00E+00	8.31E-08	-1.85E-08	-7.49E-04	-4.46E-05	-4.61E+00	0.00E+00	-4.71E+00	-8.96E-06	-4.71E+00	-8.98E+00	-4.61E+00	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
VF218TES	-7.02E-03	-5.18E-01	4.11E-03	-5.52E-01	0.00E+00	0.00E+00	-5.97E-01	-3.75E-04	3.73E-04	2.62E-03	0.00E+00	-6.40E-05	-3.35E-09	-1.32E-07	-8.68E-02	-2.34E+01	0.00E+00	0.00E+00	1.32E+00	-3.38E-02	-4.40E+00	0.00E+00	8.25E-08	-6.24E-09	-1.08E-03	-4.93E-05	-4.61E+00	0.00E+00	-4.40E+00	-2.49E-05	-4.40E+00	-8.77E+00	-4.61E+00	0.00E+00	0.00E+00	0.00E+00	-1.03E+01
VF218TF	-6.08E-03	-5.90E-01	-1.08E-03	-6.07E-01	0.00E+00	0.00E+00	-7.14E-01	-5.33E-04	-2.57E-04	1.27E-03	0.00E+00	-7.26E-05	-3.59E-09	-4.75E-08	-9.26E-02	-4.21E+01	0.00E+00	0.00E+00	-4.64E-02	-4.81E-02	-6.58E+00	0.00E+00	7.53E-08	-2.40E-08	-1.19E-03	-4.19E-05	-4.55E+00	0.00E+00	-6.58E+00	-6.86E-06	-6.58E+00	-1.35E+01	-4.55E+00	0.00E+00	0.00E+00	0.00E+00	-3.27E+01
VF218TJ	-4.46E-03	-5.95E-01	-5.13E-03	-5.91E-01	0.00E+00	0.00E+00	-7.38E-01	-5.21E-04	-2.51E-04	1.03E-03	0.00E+00	-1.06E-04	-3.47E-09	-5.05E-08	-8.81E-02	-4.22E+01	0.00E+00	0.00E+00	1.36E-01	-6.88E-02	-7.13E+00	0.00E+00	6.64E-08	-2.40E-08	-1.22E-03	-5.43E-05	-4.20E+00	0.00E+00	-7.13E+00	-7.03E-06	-7.13E+00	-1.33E+01	-4.20E+00	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
VF218TJ1	-1.18E-03	-4.66E-01	4.43E-03	-6.89E-01	0.00E+00	0.00E+00	-6.87E-01	-3.86E-04	-1.72E-04	2.58E-03	0.00E+00	-5.69E-05	-2.13E-09	-5.02E-08	-9.06E-02	-4.37E+01	0.00E+00	0.00E+00	4.10E-01	-4.02E-02	-3.78E+00	0.00E+00	7.26E-08	-2.07E-08	-8.22E-04	-2.60E-05	-4.68E+00	0.00E+00	-3.78E+00	-5.36E-06	-3.78E+00	-1.05E+01	-4.68E+00	0.00E+00	0.00E+00	0.00E+00	-2.19E+01
VF218TM	-4.84E-03	-5.85E-01	-9.75E-03	-7.07E-01	0.00E+00	0.00E+00	-7.68E-01	-5.28E-04	-2.85E-04	1.13E-03	0.00E+00	-1.12E-04	-3.15E-09	-4.80E-08	-8.84E-02	-4.27E+01	0.00E+00	0.00E+00	4.82E-02	-7.10E-02	-7.37E+00	0.00E+00	4.92E-08	-2.36E-08	-1.18E-03	-5.72E-05	-4.51E+00	0.00E+00	-7.37E+00	-7.57E-06	-7.37E+00	-1.23E+01	-4.51E+00	0.00E+00	0.00E+00	0.00E+00	-3.02E+01
VF218TP	-4.08E-03	-5.91E-01	4.04E-03	-5.81E-01	0.00E+00	0.00E+00	-6.81E-01	-4.03E-04	1.76E-04	2.61E-03	0.00E+00	-6.56E-05	-4.12E-09	-1.30E-07	-7.41E-02	-2.89E+01	0.00E+00	0.00E+00	1.28E+00	-3.77E-02	-4.69E+00	0.00E+00	8.31E-08	-1.08E-08	-8.05E-04	-4.93E-05	-4.47E+00	0.00E+00	-4.69E+00	-2.31E-05	-4.69E+00	-9.33E+00	-4.47E+00	0.00E+00	0.00E+00	0.00E+00	-1.54E+01
VF218TR	-4.29E-03	-3.28E-01	7.65E-04	-5.26E-01	0.00E+00	0.00E+00	-2.03E-01	-3.72E-04	2.23E-04	3.15E-03	0.00E+00	-6.08E-05	-2.19E-09	-8.37E-08	-6.34E-02	-3.42E+01	0.00E+00	0.00E+00	8.52E-01	-2.84E-02	-3.82E+00	0.00E+00	7.86E-08	-1.01E-08	-7.84E-05	-2.90E-05	-5.07E+00	0.00E+00	-3.82E+00	-8.84E-06	-3.82E+00	-5.72E+00	-5.07E+00	0.00E+00	0.00E+00	0.00E+00	-5.34E+00
VF218TS	-9.46E-03	-4.82E-01	-4.24E-03	-4.86E-01	0.00E+00	0.00E+00	-5.47E-01	-7.85E-04	5.10E-05	3.65E-04	0.00E+00	-1.01E-04	-5.06E-09	-1.50E-07	-6.57E-02	-2.78E+01	0.00E+00	0.00E+00	3.92E-01	-6.35E-02	-4.00E+00	0.00E+00	5.61E-08	-1.70E-08	-6.88E-04	-7.36E-05	-3.93E+00	0.00E+00	-4.00E+00	-2.81E-05	-4.00E+00	-7.40E+00	-3.93E+00	0.00E+00	0.00E+00	0.00E+00	-4.26E+01
VF312ICT	1.74E-02	9.27E+00	4.58E-02	9.22E+00	0.00E+00	0.00E+00	4.65E+00	-2.22E-06	6.11E-03	7.32E-02	0.00E+00	-4.17E-05	1.35E-09	1.47E-08	7.55E-02	-9.56E-01	0.00E+00	0.00E+00	4.45E+00	-1.93E-02	1.93E+01	0.00E+00	2.32E-07	1.16E-07	1.64E-02	-1.59E-05	5.71E-01	0.00E+00	1.93E+01	2.20E-06	1.93E+01	1.99E+01	5.71E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
VF312PA	-2.50E-03	-1.13E+00	-1.95E-01	-1.34E+00	0.00E+00	0.00E+00	-1.05E+00	-1.48E-04	-2.12E-04	-6.02E-03	0.00E+00	-7.07E-04	-1.58E-09	-2.88E-08	-2.88E-01	-3.15E+01	0.00E+00	0.00E+00	1.49E+00	-4.10E-01	-3.64E+01	0.00E+00	7.48E-08	-2.50E-08	-1.84E-03	-4.10E-04	-5.86E+00	0.00E+00	-3.64E+01	-6.27E-06	-3.64E+01	-3.80E+01	-5.86E+00	0.00E+00	0.00E+00	0.00E+00	-5.89E-01
VF312PD	-8.50E-03	-1.89E+00	-1.95E-01	-1.70E+00	0.00E+00	0.00E+00	-7.33E+00	-4.46E-04	-8.15E-04	-9.02E-03	0.00E+00	-9.02E-04	-6.17E-09	-5.60E-08	-3.27E-01	-6.03E+01	0.00E+00	0.00E+00	-5.58E+00	-4.17E-01	-5.26E+01	0.00E+00	-1.54E-08	-9.66E-08	-4.67E-03	-3.43E-04	-9.46E+00	0.00E+00	-5.26E+01	-2.10E-05	-5.26E+01	-6.21E+01	-9.46E+00	0.00E+00	0.00E+00	0.00E+00	-2.73E+02
VF312PE	-4.15E-03	-2.34E+00	-2.36E-01	-2.11E+00	0.00E+00	0.00E+00	-2.77E+00	-8.45E-05	-7.72E-04	-8.58E-03	0.00E+00	-1.19E-03	5.22E-10	-9.52E-09	-4.01E-01	-4.54E+01	0.00E+00	0.00E+00	3.53E+00	-5.51E-01	-5.63E+01	0.00E+00	4.27E-08	-3.33E-08	-3.10E-03	-4.54E-04	-6.54E+00	0.00E+00	-5.63E+01	-2.79E-07	-5.63E+01	-6.28E+01	-6.54E+00	0.00E+00	0.00E+00	0.00E+00	8.54E+01
VF312PEB	-8.20E-03	-3.27E+00	-2.55E-01	-3.01E+00	0.00E+00	0.00E+00	-8.09E+00	-1.49E-04	-1.58E-03	-1.78E-02	0.00E+00	-1.18E-03	-4.20E-09	-2.24E-08	-4.34E-01	-4.64E+01	0.00E+00	0.00E+00	-2.88E+00	-5.45E-01	-6.80E+01	0.00E+00	-3.74E-08	-9.68E-08	-6.66E-03	-4.49E-04	-7.37E+00	0.00E+00	-6.80E+01	-7.96E-06	-6.80E+01	-7.54E+01	-7.37E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
VF312PEBH	-3.93E-03	-6.37E-01	-1.54E-01	-8.30E-01	0.00E+00	0.00E+00	-8.64E-01	-3.87E-04	8.84E-05	-4.86E-03	0.00E+00	-6.62E-04	-1.85E-09	-3.79E-08	-2.06E-01	-2.11E+01	0.00E+00	0.00E+00	1.29E+00	-3.54E-01	-3.22E+01	0.00E+00	3.46E-08	-1.84E-08	-5.56E-04	-3.42E-04	-4.03E+00	0.00E+00	-3.22E+01	-1.50E-05	-3.22E+01	-2.74E+01	-4.03E+00	0.00E+00	0.00E+00	0.00E+00	4.46E+00
VF312PF	-6.49E-03	-1.42E+00	-1.83E-01	-1.39E+00	0.00E+00	0.00E+00	-1.57E+00	-3.14E-04	-6.86E-04	-1.00E-02	0.00E+00	-8.84E-04	-3.56E-09	-2.22E-08	-2.53E-01	-3.37E+01	0.00E+00	0.00E+00	2.07E-01	-4.25E-01	-4.14E+01	0.00E+00	3.19E-08	-3.04E-08	-2.07E-03	-3.93E-04	-5.60E+00	0.00E+00	-4.14E+01	-9.22E-06	-4.14E+01	-4.42E+01	-5.60E+00	0.00E+00	0.00E+00	0.00E+00	-3.23E+01
VF312PJ	-6.57E-03	-1.27E+00	-1.77E-01	-1.36E+00	0.00E+00	0.00E+00	-1.39E+00	-2.88E-04	-6.21E-04	-9.55E-03	0.00E+00	-8.05E-04	-3.57E-09	-1.65E-08	-2.61E-01	-3.51E+01	0.00E+00	0.00E+00	2.79E-01	-4.22E-01	-3.93E+01	0.00E+00	5.14E-08	-2.83E-08	-1.78E-03	-3.91E-04	-5.73E+00	0.00E+00	-3.93E+01	-7.89E-06	-3.93E+01	-4.39E+01	-5.73E+00	0.00E+00	0.00E+00	0.00E+00	-2.97E+01
VF312PM	-7.60E-03	-1.34E+00	-1.79E-01	-1.33E+00	0.00E+00	0.00E+00	-1.52E+00	-3.10E-04	-6.34E-04	-9.77E-03	0.00E+00	-8.18E-04	-3.42E-09	-1.42E-08	-2.57E-01	-3.38E+01	0.00E+00	0.00E+00	1.63E-01	-4.30E-01	-4.03E+01	0.00E+00	4.27E-08	-2.90E-08	-1.83E-03	-3.92E-04	-5.88E+00	0.00E+00	-4.03E+01	-8.94E-06	-4.03E+01	-4.39E+01	-5.88E+00	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
VF312PR	-1.07E-02	3.91E-01	-1.02E-02	-3.59E-01	0.00E+00	0.00E+00	-3.48E-01	-1.20E-03	9.99E-04	3.35E-03	0.00E+00	-5.70E-05	-3.38E-09	-4.77E-08	9.89E-03	-2.93E+01	0.00E+00	0.00E+00	6.20E-01	-3.19E-02	4.56E-01	0.00E+00	6.89E-08	-1.46E-08	4.90E-04	-4.95E-05	-4.47E+00	0.00E+00	4.56E-01	-2.74E-05	4.56E-01	-3.06E+00	-4.47E+00	0.00E+00	0.00E+00	0.00E+00	-2.16E+01
VF312PS	8.77E-03	2.13E+00	3.60E-02	2.10E+00	0.00E+00	0.00E+00	3.50E+00	-1.69E-04	3.74E-03	2.03E-02	0.00E+00	7.37E-19	-5.13E-09	1.35E-08	1.23E-01	2.03E+00	0.00E+00	0.00E+00	2.21E+00	2.82E-18	2.14E+01	0.00E+00	2.10E-07	4.67E-08	4.27E-03	0.00E+00	9.20E-01	0.00E+00	2.14E+01	-3.32E-06	2.14E+01	2.23E+01	9.20E-01	0.00E+00	0.00E+00	0.00E+00	-7.15E+00
VF312PT	-1.16E-01	2.04E+00	4.50E-02	1.99E+00	0.00E+00	0.00E+00	-1.96E+01	-1.32E-02	2.39E-03	-4.67E-02	0.00E+00	1.00E-18	-1.39E-08	-1.48E-06	1.33E-01	-1.10E+01	0.00E+00	0.00E+00	-1.23E+01	3.67E-18	2.16E+01	0.00E+00	2.15E-07	-1.37E-07	-1.35E-02	0.00E+00	-7.74E-01	0.00E+00	2.16E+01	-4.71E-04	2.16E+01	2.08E+01	-7.74E-01	0.00E+00	0.00E+00	0.00E+00	-6.60E+02

VF312PY	-1.22E-03	-9.92E-01	-1.95E-01	-1.31E+00	0.00E+00	0.00E+00	-8.06E-01	-1.66E-04	4.68E-04	-5.90E-03	0.00E+00	-7.48E-04	-2.15E-09	-2.48E-08	-2.61E-01	-2.89E+01	0.00E+00	0.00E+00	1.81E+00	-4.15E-01	-3.48E+01	0.00E+00	1.02E-07	-2.19E-08	-1.13E-03	-4.04E-04	-5.36E+00	0.00E+00	-3.48E+01	-1.24E-05	-3.48E+01	-3.69E+01	-5.36E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+00
VF312PZC	-5.56E-03	-9.49E-01	-1.30E-01	-1.13E+00	0.00E+00	0.00E+00	-8.69E-01	-3.29E-04	-3.71E-04	-3.65E-03	0.00E+00	-6.73E-04	-2.69E-09	-3.84E-08	-1.70E-01	-2.91E+01	0.00E+00	0.00E+00	5.44E-01	-3.22E-01	-2.64E+01	0.00E+00	5.39E-08	-2.44E-08	-1.54E-03	-2.13E-04	-6.03E+00	0.00E+00	-2.64E+01	-1.16E-05	-2.64E+01	-3.18E+01	-6.03E+00	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
VF312PZG	-3.59E-03	-9.22E-01	-1.17E-01	-7.37E-01	0.00E+00	0.00E+00	-1.48E+00	-2.32E-04	4.35E-04	-4.42E-03	0.00E+00	-5.42E-04	-1.23E-09	-1.62E-08	-1.80E-01	-1.59E+01	0.00E+00	0.00E+00	1.50E+00	-3.45E-01	-3.06E+01	0.00E+00	5.77E-08	-1.59E-08	-7.23E-04	-3.47E-04	-3.62E+00	0.00E+00	-3.06E+01	-1.10E-05	-3.06E+01	-3.33E+01	-3.62E+00	0.00E+00	0.00E+00	0.00E+00	-4.41E+00
VF312TA	1.76E-03	-1.36E-01	7.93E-03	-5.69E-01	0.00E+00	0.00E+00	-4.72E-01	-1.95E-04	7.91E-05	6.05E-03	0.00E+00	-2.92E-05	-1.63E-09	-4.49E-08	1.08E-02	-3.25E+01	0.00E+00	0.00E+00	1.36E+00	-2.34E-02	1.31E+00	0.00E+00	1.01E-07	-7.47E-09	7.15E-05	-1.91E-05	-4.81E+00	0.00E+00	1.31E+00	-3.16E-06	1.31E+00	-4.54E+00	-4.81E+00	0.00E+00	0.00E+00	0.00E+00	-6.84E+00
VF312TD	5.89E-04	-1.64E-01	3.14E-03	-5.21E-01	0.00E+00	0.00E+00	-3.88E-01	-2.40E-04	1.99E-05	5.77E-03	0.00E+00	-3.39E-05	-1.74E-09	-5.17E-08	-6.65E-03	-3.85E+01	0.00E+00	0.00E+00	1.23E+00	-2.30E-02	7.05E-01	0.00E+00	1.04E-07	-9.30E-09	-8.88E-05	-1.91E-05	-4.90E+00	0.00E+00	7.05E-01	-3.16E-06	7.05E-01	-4.84E+00	-4.90E+00	0.00E+00	0.00E+00	0.00E+00	-7.23E+00
VF312TE	-6.59E-05	-2.65E-01	9.89E-05	-6.10E-01	0.00E+00	0.00E+00	-3.23E-01	-1.76E-04	-8.98E-05	5.55E-03	0.00E+00	-4.60E-05	-1.33E-09	-4.21E-08	-1.12E-02	-3.04E+01	0.00E+00	0.00E+00	1.48E+00	-5.00E-02	5.39E-02	0.00E+00	9.50E-08	-6.06E-09	-8.21E-05	-3.14E-05	-3.89E+00	0.00E+00	5.39E-02	-2.65E-06	5.39E-02	-5.39E+00	-3.89E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-01
VF312TF	3.05E-03	-2.26E-01	7.09E-03	-4.72E-01	0.00E+00	0.00E+00	-4.01E-01	-1.69E-04	-7.73E-05	5.91E-03	0.00E+00	-3.53E-05	-3.78E-10	-1.43E-08	-1.37E-02	-4.28E+01	0.00E+00	0.00E+00	8.54E-01	-2.21E-02	-4.17E-01	0.00E+00	9.63E-08	-1.39E-08	-1.86E-04	-1.52E-05	-4.03E+00	0.00E+00	-4.17E-01	-7.64E-07	-4.17E-01	-6.67E+00	-4.03E+00	0.00E+00	0.00E+00	0.00E+00	-9.84E+00
VF312TJ	-3.34E-03	-3.42E-01	-4.75E-03	-7.00E-01	0.00E+00	0.00E+00	-5.08E-01	-3.56E-04	-3.71E-04	3.21E-03	0.00E+00	-6.26E-05	-2.11E-09	-2.04E-08	-2.99E-02	-4.38E+01	0.00E+00	0.00E+00	4.12E-01	-4.09E-02	-2.69E+00	0.00E+00	9.04E-08	-2.36E-08	-6.43E-04	-5.22E-05	-4.52E+00	0.00E+00	-2.69E+00	-2.61E-06	-2.69E+00	-1.10E+01	-4.52E+00	0.00E+00	0.00E+00	0.00E+00	-2.50E+01
VF312TM	-1.78E-03	-3.61E-01	-1.40E-02	-6.83E-01	0.00E+00	0.00E+00	-5.32E-01	-2.60E-04	-3.94E-04	2.66E-03	0.00E+00	-9.09E-05	-1.96E-09	-1.46E-08	-3.04E-02	-4.16E+01	0.00E+00	0.00E+00	3.62E-01	-5.34E-02	-4.04E+00	0.00E+00	7.97E-08	-2.45E-08	-6.22E-04	-8.25E-05	-4.01E+00	0.00E+00	-4.04E+00	-2.79E-06	-4.04E+00	-1.05E+01	-4.01E+00	0.00E+00	0.00E+00	0.00E+00	-2.34E+01
VF312TP	-7.04E-04	-2.86E-01	7.10E-03	-5.06E-01	0.00E+00	0.00E+00	-2.94E-01	-3.19E-04	1.64E-04	5.36E-03	0.00E+00	-3.66E-05	-2.91E-09	-1.10E-07	2.13E-02	-2.61E+01	0.00E+00	0.00E+00	1.65E+00	-2.04E-02	-5.70E-02	0.00E+00	1.06E-07	-9.11E-09	3.79E-04	-2.87E-05	-4.83E+00	0.00E+00	-5.70E-02	-2.05E-05	-5.70E-02	-5.88E+00	-4.83E+00	0.00E+00	0.00E+00	0.00E+00	-8.52E+00
VF312TR	-8.56E-03	4.50E-01	4.14E-03	-2.52E-01	0.00E+00	0.00E+00	-2.41E-01	-1.04E-03	1.21E-03	5.35E-03	0.00E+00	-2.34E-05	-2.21E-09	-2.91E-08	3.22E-02	-2.29E+01	0.00E+00	0.00E+00	1.60E+00	-1.51E-02	5.16E+00	0.00E+00	1.10E-07	-3.63E-10	1.15E-03	-3.17E-05	-5.21E+00	0.00E+00	5.16E+00	-2.45E-05	5.16E+00	2.56E-01	-5.21E+00	0.00E+00	0.00E+00	0.00E+00	6.62E+00
VF312TS	-1.01E-02	3.41E-01	-3.64E-03	-3.10E-02	0.00E+00	0.00E+00	-5.88E-01	-1.15E-03	1.31E-03	4.79E-03	0.00E+00	-2.82E-05	-4.53E-09	-1.56E-07	1.40E-02	-2.52E+01	0.00E+00	0.00E+00	8.93E-01	-1.81E-02	1.93E+00	0.00E+00	1.16E-07	-1.37E-08	-3.18E-04	-3.30E-05	-4.53E+00	0.00E+00	1.93E+00	-3.40E-05	1.93E+00	-2.39E+00	-4.53E+00	0.00E+00	0.00E+00	0.00E+00	-3.07E+01
VF312TY	6.70E-04	-2.36E-01	1.24E-02	-5.78E-01	0.00E+00	0.00E+00	-2.34E-01	-2.28E-04	1.36E-04	6.40E-03	0.00E+00	-2.51E-05	-1.78E-09	-4.68E-08	3.25E-02	-2.83E+01	0.00E+00	0.00E+00	1.67E+00	-2.10E-02	1.98E+00	0.00E+00	1.01E-07	-1.05E-09	9.81E-04	-1.58E-05	-4.61E+00	0.00E+00	1.98E+00	-8.64E-06	1.98E+00	-4.42E+00	-4.61E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+00
VF318PD	-7.99E-03	-3.38E+00	-2.58E-01	-3.12E+00	0.00E+00	0.00E+00	-8.06E+00	-2.44E-04	-1.27E-03	-1.83E-02	0.00E+00	-1.21E-03	-6.61E-09	-2.58E-08	-4.36E-01	-4.86E+01	0.00E+00	0.00E+00	-3.15E+00	-5.58E-01	-6.84E+01	0.00E+00	-1.78E-08	-1.06E-07	-7.31E-03	-4.60E-04	-7.64E+00	0.00E+00	-6.84E+01	-1.11E-05	-6.84E+01	-7.61E+01	-7.64E+00	0.00E+00	0.00E+00	0.00E+00	-1.78E+02
VF318PEH	-1.19E-02	-5.86E-01	-1.40E-01	-9.61E-01	0.00E+00	0.00E+00	-4.44E-01	-2.14E-04	1.84E-04	-1.03E-02	0.00E+00	-1.11E-03	-6.52E-09	-1.93E-08	-3.90E-01	-4.77E+01	0.00E+00	0.00E+00	2.25E+00	-4.04E-01	-2.73E+01	0.00E+00	5.27E-08	-5.38E-08	-3.64E-03	-4.16E-04	-6.75E+00	0.00E+00	-2.73E+01	-4.87E-05	-2.73E+01	-3.10E+01	-6.75E+00	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
VF318PES	-1.02E-02	-5.24E+00	-3.49E-01	-4.89E+00	0.00E+00	0.00E+00	-1.13E+01	-2.63E-04	-3.35E-04	-2.79E-02	0.00E+00	-1.61E-03	-8.70E-09	-1.67E-08	-5.96E-01	-1.02E+02	0.00E+00	0.00E+00	-6.82E+00	-7.43E-01	-9.56E+01	0.00E+00	-6.31E-08	-1.69E-07	-1.03E-02	-6.12E-04	-1.59E+01	0.00E+00	-9.56E+01	-1.65E-05	-9.56E+01	-1.11E+02	-1.59E+01	0.00E+00	0.00E+00	0.00E+00	-3.46E+02
VF318PF	-7.85E-03	-7.63E-01	-1.85E-01	-1.19E+00	0.00E+00	0.00E+00	-9.75E-01	-3.17E-04	-3.23E-04	-7.92E-03	0.00E+00	-9.58E-04	-5.14E-09	-6.70E-08	-3.37E-01	-3.35E+01	0.00E+00	0.00E+00	1.82E+00	-4.01E-01	-2.71E+01	0.00E+00	5.19E-08	-3.72E-08	-1.34E-03	-3.57E-04	-7.28E+00	0.00E+00	-2.71E+01	-2.44E-05	-2.71E+01	-3.19E+01	-7.28E+00	0.00E+00	0.00E+00	0.00E+00	-2.03E+01
VF318PJ	-1.02E-02	-7.93E-01	-1.95E-01	-1.06E+00	0.00E+00	0.00E+00	-1.11E+00	-5.63E-04	-3.63E-04	-9.50E-03	0.00E+00	-9.45E-04	-4.65E-09	-6.11E-08	-3.30E-01	-3.81E+01	0.00E+00	0.00E+00	1.51E+00	-4.13E-01	-2.92E+01	0.00E+00	4.46E-08	-4.59E-08	-1.17E-03	-3.72E-04	-7.00E+00	0.00E+00	-2.92E+01	-2.68E-05	-2.92E+01	-3.46E+01	-7.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
VF318PM	-5.53E-03	-1.35E+00	-2.17E-01	-2.14E+00	0.00E+00	0.00E+00	-9.65E-01	-2.55E-04	-1.82E-04	-1.50E-02	0.00E+00	-9.07E-04	-4.15E-09	-4.07E-08	-3.70E-01	-5.67E+01	0.00E+00	0.00E+00	2.34E+00	-5.00E-01	-3.13E+01	0.00E+00	3.78E-08	-1.82E-08	-1.21E-03	-4.43E-04	-9.86E+00	0.00E+00	-3.13E+01	-2.76E-05	-3.13E+01	-4.05E+01	-9.86E+00	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
VF318PP	1.95E-02	3.07E+00	8.61E-02	2.98E+00	0.00E+00	0.00E+00	1.46E+01	3.10E-05	7.16E-03	3.33E-02	0.00E+00	1.25E-18	1.41E-09	7.36E-08	2.42E-01	5.57E+00	0.00E+00	0.00E+00	1.45E+01	4.67E-18	4.87E+01	0.00E+00	4.03E-07	1.57E-07	9.71E-03	0.00E+00	2.87E+00	0.00E+00	4.87E+01	1.29E-05	4.87E+01	5.16E+01	2.87E+00	0.00E+00	0.00E+00	0.00E+00	4.16E+02
VF318PS	-4.49E-02	-2.70E+00	-2.59E-01	-2.44E+00	0.00E+00	0.00E+00	-1.76E+01	-4.04E-03	-2.53E-03	-3.06E-02	0.00E+00	-1.20E-03	-1.18E-08	-4.72E-07	-4.36E-01	-8.21E+01	0.00E+00	0.00E+00	-1.12E+01	-5.53E-01	-7.15E+01	0.00E+00	-2.66E-08	-1.90E-07	-1.18E-02	-4.55E-04	-1.28E+01	0.00E+00	-7.15E+01	-1.22E-04	-7.15E+01	-8.43E+01	-1.28E+01	0.00E+00	0.00E+00	0.00E+00	-5.26E+02
VF318PT	-3.47E-01	-6.90E+00	-3.52E-01	-6.55E+00	0.00E+00	0.00E+00	-9.27E+01	-3.34E-02	-1.72E-02	-2.17E-01	0.00E+00	-1.23E-03	-5.28E-08	-3.93E-06	-5.40E-01	-8.84E+01	0.00E+00	0.00E+00	-7.34E+01	-5.66E-01	-1.07E+02	0.00E+00	-2.26E-07	-7.93E-07	-6.44E-02	-4.66E-04	-1.64E+01	0.00E+00	-1.07E+02	-1.12E-03	-1.07E+02	-1.23E+02	-1.64E+01	0.00E+00	0.00E+00	0.00E+00	-3.16E+03
VF318PY	-3.57E-03	-8.20E-01	-1.55E-01	-1.18E+00	0.00E+00	0.00E+00	-7.10E-01	-2.56E-04	4.20E-04	-5.13E-03	0.00E+00	-1.29E-03	-5.53E-09	-2.27E-08	-4.18E-01	-5.13E+01	0.00E+00	0.00E+00	2.43E+00	-5.42E-01	-3.48E+01	0.00E+00	4.34E-08	-1.77E-08	-1.02E-03	-4.47E-04	-7.27E+00	0.00E+00	-3.48E+01	-2.06E-05	-3.48E+01	-3.79E+01	-7.27E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
VF318PZC	-3.80E-03	-9.00E-03	-9.37E-03	-3.65E-02	0.00E+00	0.00E+00	-5.32E-01	-3.75E-04	1.61E-04	-1.57E-04	0.00E+00	-6.09E-05	-3.82E-09	-3.22E-08	-7.12E-02	-2.48E+01	0.00E+00	0.00E+00	1.18E+00	-2.64E-02	7.02E-01	0.00E+00	4.50E-08	-3.99E-10	-2.84E-04	-1.64E-05	-2.64E+00	0.00E+00	7.02E-01	-1.47E-05	7.02E-01	1.61E+00	-2.64E+00	0.00E+00	0.00E+00	0.00E+00	-7.45E+00
VF318TA	8.57E-04	1.07E-01	2.47E-02	-2.08E-01	0.00E+00	0.00E+00	1.81E-01	-5.48E-04	9.62E-04	7.71E-03	0.00E+00	-3.80E-05	-4.43E-09	-5.10E-08	-2.56E-03	-1.48E+02	0.00E+00	0.00E+00	3.12E+00	-2.50E-02	1.18E+01	0.00E+00	1.83E-07	1.23E-08	7.45E-04	-3.58E-05	-4.10E+00	0.00E+00	1.18E+01	-1.04E-05	1.18E+01	7.11E-01	-4.10E+00	0.00E+00	0.00E+00	0.00E+00	2.63E+01
VF318TD	2.63E-03	1.57E+00	3.67E-02	1.54E+00	0.00E+00	0.00E+00	2.96E+00	-7.28E-04	1.38E-03	1.50E-02	0.00E+00	7.93E-19	-5.99E-09	-6.80E-08	1.36E-01	1.71E+00	0.00E+00	0.00E+00	4.50E+00	2.96E-18	2.80E+01	0.00E+00	2.58E-07	5.56E-08	3.10E-03	0.00E+00	1.19E+00	0.00E+00	2.80E+01	-1.63E-05	2.80E+01	2.92E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	9.29E+01
VF318TES	-6.08E-03	1.29E-01	1.89E-02	-1.83E-01	0.00E+00	0.00E+00	2.05E-01	-3.85E-04	1.17E-03	2.80E-03	0.00E+00	-6.54E-05	-5.20E-09	-7.19E-08	-8.19E-02	-1.63E+02	0.00E+00	0.00E+00	2.35E+00	-2.79E-02	1.10E+01	0.00E+00	1.91E-07	-8.27E-09	-1.84E-03	-5.24E-05	-4.86E+00	0.00E+00	1.10E+01	-3.30E-05	1.10E+01	-3.77E-01	-4.86E+00	0.00E+00	0.00E+00	0.00E+00	-3.06E+01
VF318TM	2.64E-03	-1.01E-01	2.61E-02	-8.14E-01	0.00E+00	0.00E+00	1.23E-01	-4.14E-04	1.23E-03	5.02E-03	0.00E+00	-4.59E-05	-2.58E-09	-2.63E-08	-4.56E-02	-1.01E+02	0.00E+00	0.00E+00	3.44E+00	-2.47E-02	1.23E+01	0.00E+00	1.82E-07	8.47E-09	9.37E-04	-3.06E-05	-6.19E+00	0.00E+00	1.23E+01	-1.46E-05	1.23E+01	3.12E+00	-6.19E+00	0.00E+00	0.00E+00	0.00E+00	3.47E+01
VF318TP	8.44E-04	9.85E-02	2.45E-02	-1.42E-01	0.00E+00	0.00E+00	3.07E-01	-4.52E-04	1.61E-03	7.81E-03	0.00E+00	-5.39E-05	-4.22E-09	-5.04E-08	-2.81E-02	-1.47E+02	0.00E+00	0.00E+00	3.25E+00	-2.59E-02	1.19E+01	0.00E+00	1.94E-07	9.72E-09	5.06E-04	-3.86E-05	-4.29E+00	0.00E+00	1.19E+01	-2.34E-05	1.19E+01	1.07E+00	-4.29E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+01
VF318TR	-1.02E-02	-2.61E-01	2.56E-02	-7.16E-01	0.00E+00	0.00E+00	8.42E-01	-3.90E-04	7.57E-04	-1.65E-03	0.00E+00	-3.39E-05	-3.54E-09	-3.19E-08	-6.23E-02	-1.64E+02	0.00E+00	0.00E+00	2.84E+00	-1.79E-02	9.54E+00	0.00E+00	1.84E-07	-1.25E-08	-2.60E-03	-3.12E-05	-6.68E+00	0.00E+00	9.54E+00	-2.76E-05	9.54E+00	-1.61E+00	-6.68E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
VF412PA	-3.92E-03	-7.91E-01	-2.15E-01	-1.71E+00	0.00E+00	0.00E+00	-2.92E-01	-6.98E-05	2.47E-04	-1.15E-02	0.00E+00	-9.61E-04	-1.89E-09	-3.16E-09	-3.75E-01	-5.77E+01	0.00E+00	0.00E+00	2.54E+00	-4.80E-01	-3.27E+01	0.00E+00	6.90E-08	-3.24E-08	-1.93E-03	-4.20E-04	-9.37E+00	0.00E+00	-3.27E+01	-5.19E-06	-3.27E+01	-3.36E+01	-9.37E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+01
VF412PD	-5.25E-03	-3.14E+00	-2.40E-01	-2.90E+00	0.00E+00	0.00E+00	-2.83E+00	-2.74E-06	-8.90E-04	-1.27E-02	0.00E+00	-1.17E-03	-1.30E-09	1.80E-10	-4.09E-01	-8.05E+01	0.00E+00	0.00E+00	-1.51E-01	-5.42E-01	-6.06E+01	0.00E+00	5.67E-09	-7.18E-08	-4.37E-03	-4.46E-04	-1.20E+01	0.00E+00	-6.06E+01	-2.28E-06	-6.06E+01	-7.26E+01	-1.20E+01	0.00E+00	0.00E+00	0.00E+00	-6.66E+01
VF412PE	8.72E-03	1.96E+00	4.97E-02	1.91E+00	0.00E+00	0.00E+00	4.90E+00	-1.78E-04	2.00E-03	2.18E-02	0.00E+00	1.00E-18	-3.77E-09	-2.01E-09	1.90E-01	3.58E+00	0.00E+00	0.00E+00	7.18E+00	3.75E-18	3.39E+01	0.00E+00	3.06E-07	7.88E-08	5.05E-03	0.00E+00	1.76E+00	0.00E+00	3.39E+01	3.08E-06	3.39E+01	3.57E+01	1.76E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+02
VF412PEB	-3.84E-03	-2.64E-01	-1.89E-01	-1.20E+00	0.00E+00	0.00E+00	-9.62E-01	-2.35E-04	-5.00E-05	-5.48E-03	0.00E+00	-7.67E-04	-1.90E-09	-1.38E-08	-3.16E-01	-2.20E+01	0.00E+00	0.00E+00	1.16E+00	-4.24E-01	-2.48E+01	0.00E+00	4.69E-08	-2.66E-08	-1.47E-03	-3.79E-04	-5.87E+00	0.00E+00	-2.48E+01	-1.03E-05	-2.48E+01	-2.39E+01	-5.87E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
VF412PEBH	-4.49E-03	-2.70E-01	-1.87E-01	-1.19E+00	0.00E+00	0.00E+00	-7.54E-01	-4.01E-04	6.29E-04	-7.00E-03	0.00E+00	-7.69E-04	-1.73E-09	-3.92E-08	-3.25E-01	-2.31E+01	0.00E+00	0.00E+00	1.64E+00	-4.19E-01	-2.68E+01	0.00E+00	5.05E-08	-2.97E-08	-1.71E-03	-3.79E-04	-6.05E+00	0.00E+00	-2.68E+01	-1.64E-05	-2.68E+01	-2.43E+01	-6.05E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+01
VF412PEH	-3.88E-03	-4.54E-01	-2.08E-01	-1.76E+00	0.00E+00	0.00E+00	-7.88E-02	-1.10E-04	1.22E-03	-9.35E-03	0.00E+00	-9.21E-04	-2.07E-09	-1.24E-09	-3.72E-01	-4.04E+01	0.00E+00	0.00E+00	2.59E+00	-4.88E-01	-2.58E+01	0.00E+00	1.10E-07	-2.37E-08	-1.92E-03	-4.29E-04	-8.68E+00	0.00E+00	-2.58E+01	-9.99E-06	-2.58E+01	-2.66E+01	-8.68E+00	0.00E+00	0.00E+00	0.00E+00	2.69E+01
VF412PF	-3.71E-03	-6.91E-01	-2.15E-01	-1.82E+00	0.00E+00	0.00E+00	-1.05E+00	-2.04E-04	-3.51E-05	-1.32E-02	0.00E+00	-8.96E-04	-2.09E-09	-1.04E-08	-3.71E-01	-3.44E+01	0.00E+00	0.00E+00	1.42E+00	-4.68E-01	-2.94E+01	0.00E+00	5.41E-08	-2.97E-08	-1.74E-03	-4.11E-04	-8.34E+00	0.00E+00	-2.94E+01	-1.15E-05	-2.94E+01	-3.20E+01	-8.34E+00	0.00E+00	0.00E+00	0.00E+00	-8.20E-01
VF412PJ	-4.18E-04	-6.85E-01	-2.34E-01	-2.51E+00	0.00E+00	0.00E+00	-1.91E-01	-1.20E-04	3.16E-04	-1.35E-02	0.00E+00	-7.39E-04	-2.08E-09	-9.09E-10	-3.99E-01	-3.82E+01	0.00E+00	0.00E+00	2.31E+00	-5.55E-01	-2.10E+01	0.00E+00	8.75E-08	-1.06E-08	-2.39E-03	-4.66E-04	-1.06E+01	0.00E+00	-2.10E+01	-7.18E-06	-2.10E+01	-2.60E+01	-1.06E+01	0.00E+00	0.00E+00	0.00E+00	-1.21E+00
VF412PM	-3.55E-03	-7.90E-01	-2.18E-01	-1.68E+00	0.00E+00	0.00E+00	-9.12E-01	-3.06E-04	6.86E-04	-1.22E-02	0.00E+00	-8.70E-04	-2.33E-09	-2.35E-08	-3.79E-01	-3.90E+01	0.00E+00	0.00E+00	1.38E+00	-4.95E-01	-2.70E+01	0.00E+00	6.44E-08	-2.30E-08	-1.87E-03	-4.19E-04	-8.26E+00	0.00E+00	-2.70E+01	-1.72E-05	-2.70E+01	-2.63E+01	-8.26E+00	0.00E+00	0.00E+00	0.00E+00	3.93E+00
VF412PP	-9.27E-04	-4.15E+00	-3.10E-01	-3.84E+00	0.00E+00	0.00E+00	-1.84E+00	8.10E-07	3.16E-03	-1.55E-02	0.00E+00	-1.59E-03	-8.64E-10	4.64E-08	-5.43E-01	-1.13E+02	0.00E+00	0.00E+00	2.61E+00	-7.34E-01	-7.95E+01	0.00E+00	2.58E-08	-8.51E-08	-5.11E-03	-6.04E-04	-1.66E+01	0.00E+00	-7.95E+01	-2.00E-06	-7.95E+01	-9.60E+01	-1.66E+01	0.00E+00	0.00E+00	0.00E+00	1.94E+01
VF412PR	1.96E-03	5.51E-01	2.26E-02	-8.34E-01	0.00E+00	0.00E+00	2.23E+00	-7.21E-04	2.02E-03	4.56E-03	0.00E+00	-2.36E-05	-2.88E-10	-1.55E-08	-1.81E-02	-1.48E+02	0.00E+00	0.00E+00	5.11E+00	-1.86E-02	1.23E+01	0.00E+00	1.99E-07	4.27E-08	2.93E-03	-3.80E-05	-8.78E+00	0.00E+00	1.23E+01	-2.17E-05	1.23E+01	-1.47E+00	-8.78E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+02
VF412PS	1.79E-02	4.17E+00	7.96E-02	4.10E+00	0.00E+00	0.00E+00	1.28E+01	2.84E-05	5.85E-03	4.00E-02	0.00E+00	1.23E-18	2.75E-09	5.37E-08	2.03E-01	5.22E+00	0.00E+00	0.00E+00	1.45E+01	4.54E-18	4.30E+01	0.00E+00	3.59E-07	1.52E-07	1.08E-02	0.00E+00	2.71E+00	0.00E+00	4.30E+01	1.33E-05	4.30E+01	4.57E+01	2.71E+00	0.00E+00	0.00E+00	0.00E+00	4.57E+02
VF412PT	-2.58E-01	-3.90E+00	-3.04E-01	-3.59E+00	0.00E+00	0.00E+00	-6.98E+01	-2.52E-02	-1.19E-02	-1.51E-01	0.00E+00	-1.18E-03	-3.89E-08	-2.96E-06	-4.79E-01	-7.81E+01	0.00E+00	0.00E+00	-5.22E+01	-5.47E-01	-8.94E+01	0.00E+00	-1.22E-07	-5.85E-07	-4.62E-02	-4.50E-04	-1.37E+01	0.00E+00	-8.94E+01	-8.50E-04	-8.94E+01	-1.03E+02	-1.37E+01	0.00E+00	0.00E+00	0.00E+00	-2.28E+03
VF412PY	-3.36E-04	-8.28E-01	-2.19E-01	-1.69E+00	0.00E+00	0.00E+00	8.56E-01	-7.67E-05	1.61E-03	-1.17E-02	0.00E+00	-9.65E-04	-6.68E-10	5.60E-09	-4.09E-01	-6.10E+01	0.00E+00	0.00E+00	3.44E+00	-5.41E-01	-2.82E+01	0.00E+00	7.15E-08	-2.50E-08	-1.09E-03	-4.42E-04	-9.76E+00	0.00E+00	-2.82E+01	-7.57E-06	-2.82E+01	-2.96E+01	-9.76E+00	0.00E+00	0.00E+00	0.00E+00	7.08E+01
VF412PZC	-1.59E-03	-1.28E-01	-6.98E-03	-5.84E-01	0.00E+00	0.00E+00	5.56E-01	-1.52E-04	4.14E-04	-2.03E-03	0.00E+00	-3.45E-05	-4.45E-10	-1.27E-08	-2.11E-02	-2.93E+01	0.00E+00	0.00E+00	1.37E+00	-2.39E-02	2.22E+00	0.00E+00	4.79E-08	3.48E-10	2.29E-04	-1.75E-05	-4.51E+00	0.00E+00	2.22E+00	-5.63E-06	2.22E+00	2.61E-01	-4.51E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+01
VF412TA	1.98E-03	2.31E-01	2.61E-02	-7.39E-01	0.00E+00	0.00E+00	3.91E-01	-2.51E-04	8.96E-04	6.30E-03	0.00E+00	-3.04E-05	-2.13E-09	-1.90E-08	-3.14E-02	-1.42E+02	0.00E+00	0.00E+00	3.35E+00	-2.21E-02	1.34E+01	0.00E+00	1.58E-07	1.30E-08	1.01E-03	-2.98E-05	-5.94E+00	0.00E+00	1.34E+01	-4.33E-06	1.34E+01	2.24E+00	-5.94E+00	0.00E+00	0.00E+00	0.00E+00	5.27E+01
VF412TD	1.73E-03	1.84E-01	2.71E-02	-7.78E-01	0.00E+00	0.00E+00	3.65E-01	-2.54E-04	8.99E-04	5.42E-03	0.00E+00	-3.04E-05	-2.20E-09	-1.94E-08	-1.62E-02	-1.43E+02	0.00E+00	0.00E+00	3.22E+00	-2.21E-02	1.37E+01	0.00E+00	1.59E-07	1.29E-08	7.33E-04	-2.98E-05	-5.95E+00	0.00E+00	1.37E+01	-4.56E-06	1.37E+01	2.31E+00	-5.95E+00	0.00E+00	0.00E+00	0.00E+00	5.01E+01
VF412TE	1.91E-03	7.69E-02	2.21E-02	-7.99E-01	0.00E+00	0.00E+00	3.77E-01	-2.54E-04	7.84E-04	5.63E-03	0.00E+00	-3.90E-05	-2.09E-09	-1.93E-08	-4.65E-02	-1.43E+02	0.00E+00	0.00E+00	2.96E+00	-4.73E-02	1.13E+01	0.00E+00	1.50E-07	1.37E-08	1.09E-03	-4.13E-05	-5.55E+00	0.00E+00	1.13E+01	-4.20E-06	1.13E+01	-2.97E+00	-5.55E+00	0.00E+00	0.00E+00	0.00E+00	4.85E+01
VF412TF	3.89E-03	6.23E-01	3.34E-02	-8.07E-01	0.00E+00	0.00E+00	2.94E-01	-1.96E-04	9.87E-04	9.17E-03	0.00E+00	-3.00E-05	-9.04E-10	-1.68E-08	-2.80E-02	-4.01E+01	0.00E+00	0.00E+00	3.27E+00	-2.12E-02	1.27E+01	0.00E+00	1.21E-07	1.24E-08	1.19E-03	-2.63E-05	-4.63E+00	0.00E+00	1.27E+01	-2.45E-06	1.27E+01	1.62E+00	-4.63E+00	0.00E+00	0.00E+00	0.00E+00	4.00E+01
VF412TJ	4.68E-03	2.85E-01	2.83E-02	-1.14E+00	0.00E+00	0.00E+00	4.82E-01	-1.84E-04	1.05E-03	5.99E-03	0.00E+00	-2.46E-05	-1.41E-09	-1.35E-08	-2.51E-02	-4.44E+01	0.00E+00	0.00E+00	3.75E+00	-2.07E-02	1.42E+01	0.00E+00	1.62E-07	1.66E-08	6.80E-04	-2.89E-05	-5.44E+00	0.00E+00	1.42E+01	-2.06E-06	1.42E+01	5.69E+00	-5.44E+00	0.00E+00	0.00E+00	0.00E+00	4.89E+01
VF412TM	-1.31E-03	3.28E-01	1.55E-02	-8.35E-01	0.00E+00	0.00E+00	2.03E-01	-4.90E-04	1.21E-03	7.78E-03	0.00E+00	-7.23E-05	-2.27E-09	-3.31E-08	-6.71E-02	-4.93E+01	0.00E+00	0.00E+00	2.27E+00	-3.27E-02	6.34E+00	0.00E+00	1.32E-07	2.47E-10	8.08E-04	-6.61E-05	-4.96E+00	0.00E+00	6.34E+00	-1.04E-05	6.34E+00	-1.25E+00	-4.96E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+01
VF412TP	3.26E-03	7.63E-02	2.23E-02	-6.73E-01	0.00E+00	0.00E+00	9.53E-01	-2.81E-04	1.90E-03	4.84E-03	0.00E+00	-4.00E-05	-7.76E-10	-4.59E-08	-4.35E-02	-1.42E+02	0.00E+00	0.00E+00	3.89E+00	-2.23E-02	1.25E+01	0.00E+00	1.81E-07	1.21E-08	9.99E-04	-4.08E-05	-6.22E+00	0.00E+00	1.25E+01	-1.70E-05	1.25E+01	1.60E+00	-6.22E+00	0.00E+00	0.00E+00	0.00E+00	6.43E+01
VF412TR	2.80E-03	5.70E-01	2.25E-02	-9.00E-01	0.00E+00	0.00E+00	2.57E+00	-7.21E-04	2.12E-03	4.52E-03	0.00E+00	-2.35E-05	-2.68E-10	-1.53E-08	-1.74E-02	-1.49E+02	0.00E+00	0.00E+00	5.50E+00	-1.86E-02	1.31E+01	0.00E+00	1.97E-07	5.03E-08	3.12E-03	-3.80E-05	-8.86E+00	0.00E+00	1.31E+01	-2.18E-05	1.31E+01	8.07E-01	-8.86E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+02
VF412TS	-6.03E-03	8.20E-01	1.18E-02	-5.72E-01	0.00E+00	0.00E+00	1.80E+00	-1.00E-03	2.65E-03	5.87E-03	0.00E+00	-9.21E-05	-2.04E-09	-1.03E-07	-6.09E-02	-1.46E+02	0.00E+00	0.00E+00	4.31E+00	-3.94E-02	8.14E+00	0.00E+00	1.42E-07	2.97E-08	2.22E-03	-1.08E-04	-8.06E+00	0.00E+00	8.14E+00	-3.16E-05	8.14E+00	9.14E-01	-8.06E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+02
VF418PA	-4.27E-04	9.36E-01	-1.68E-03	1.03E+00	0.00E+00	0.00E+00	1.40E+00	-3.22E-04	2.17E-03	1.26E-02	0.00E+00	-2.44E-04	-4.89E-09	-2.68E-08	1.48E-01	-1.37E+01	0.00E+00	0.00E+00	2.57E+00	-7.83E-02	2.18E+01	0.00E+00	2.63E-07	1.27E-08	2.15E-03	-6.43E-05	-2.05E+00	0.00E+00	2.18E+01	-4.35E-05	2.18E+01	1.77E+01	-2.05E+00	0.00E+00	0.00E+00	0.00E+00	-4.94E+01
VF418PD	-1.24E-02	-5.07E+00	-3.28E-01	-4.74E+00	0.00E+00	0.00E+00	-1.13E+01	-3.26E-04	-2.07E-03	-2.81E-02	0.00E+00	-1.50E-03	-8.92E-09	-3.75E-08	-5.59E-01	-9.53E+01	0.00E+00	0.00E+00	-5.89E+00	-6.92E-01	-9.11E+01	0.00E+00	-7.04E-08	-1.74E-07	-1.08E-02	-5.70E-04	-1.48E+01	0.00E+00	-9.11E+01	-1.72E-05	-9.11E+01	-1.06E+02	-1.48E+01	0.00E+00	0.00E+00	0.00E+00	-2.95E+02
VF418PEH	-6.54E-03	-1.25E-01	-1.50E-04	-4.11E-01	0.00E+00	0.00E+00	3.04E+00	-1.61E-04	3.03E-03	5.68E-03	0.00E+00	-8.34E-05	-3.59E-09	3.32E-08	1.65E-01	-4.24E+01	0.00E+00	0.00E+00	4.08E+00	-1.35E-01	1.27E+01	0.00E+00	2.49E-07	2.95E-09	-6.81E-04	-1.18E-04	-4.72E+00	0.00E+00	1.27E+01	-5.49E-05	1.27E+01	6.16E+00	-4.72E+00	0.00E+00	0.00E+00	0.00E+00	-2.25E+01
VF418PES	-2.76E-02	1.73E+00	4.44E-02	1.68E+00	0.00E+00	0.00E+00	-4.53E+00	-3.91E-03	4.58E-04	2.64E-03	0.00E+00	1.19E-18	-1.37E-08	-4.37E-07	2.24E-01	7.79E-02	0.00E+00	0.00E+00	-3.29E+00	4.54E-18	3.54E+01	0.00E+00	3.50E-07	-1.19E-09	-1.25E-03	0.00E+00	8.39E-01	0.00E+00	3.54E+01	-1.08E-04	3.54E+01	3.63E+01	8.39E-01	0.00E+00	0.00E+00	0.00E+00	-3.37E+02
VF418PF	2.90E-03	5.07E-01	-5.79E-02	8.81E-01	0.00E+00	0.00E+00	7.99E-01	-3.69E-04	2.45E-03	1.19E-02	0.00E+00	-4.65E-04	-5.03E-09	-4.24E-08	1.26E-01	-1.29E+01	0.00E+00	0.00E+00	2.26E+00	-3.03E-01	1.18E+01	0.00E+00	1.93E-07	2.07E-08	1.72E-03	-1.79E-04	-4.15E+00	0.00E+00	1.18E+01	-3.77E-05	1.18E+01	1.08E+01	-4.15E+00	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
VF418PJ	3.14E-03	4.82E-01	-6.45E-02	7.83E-01	0.00E+00	0.00E+00	7.38E-01	-3.99E-04	2.39E-03	1.26E-02	0.00E+00	-5.09E-04	-4.65E-09	-4.86E-08	1.05E-01	-1.43E+01	0.00E+00	0.00E+00	2.31E+00	-3.06E-01	1.16E+01	0.00E+00	1.86E-07	2.34E-08	1.85E-03	-1.78E-04	-4.32E+00	0.00E+00	1.16E+01	-3.72E-05	1.16E+01	9.32E+00	-4.32E+00	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
VF418PM	4.13E-04	7.31E-01	-3.60E-02	9.08E-01	0.00E+00	0.00E+00	-3.04E-02	-6.90E-04	2.79E-03	1.24E-02	0.00E+00	-4.99E-04	-4.82E-09	-5.59E-08	1.08E-01	-2.11E+01	0.00E+00	0.00E+00	1.97E+00	-2.25E-01	1.72E+01	0.00E+00	1.82E-07	1.58E-08	2.09E-03	-1.67E-04	-4.37E+00	0.00E+00	1.72E+01	-4.70E-05	1.72E+01	1.07E+01	-4.37E+00	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
VF418PP	1.52E-02	1.87E+00	6.72E-02	1.80E+00	0.00E+00	0.00E+00	6.65E+00	-3.60E-04	7.39E-03	2.31E-02	0.00E+00	1.24E-18	-1.02E-08	3.75E-08	2.41E-01	-6.44E+00	0.00E+00	0.00E+00	5.28E+00	4.76E-18	3.97E+01	0.00E+00	3.82E-07	6.37E-08	4.61E-03	0.00E+00	3.67E-01	0.00E+00	3.97E+01	-6.66E-06	3.97E+01	4.01E+01	3.67E-01	0.00E+00	0.00E+00	0.00E+00	1.79E+01
VF418PR	-5.10E-03	-2.46E-01	2.60E-02	-8.99E-01	0.00E+00	0.00E+00	2.45E+00	-3.15E-04	1.99E-03	1.68E-03	0.00E+00	-3.03E-05	-2.56E-09	-2.01E-08	-5.21E-02	-1.67E+02	0.00E+00	0.00E+00	5.03E+00	-2.82E-02	4.61E+00	0.00E+00	2.11E-07	-4.69E-09	-6.26E-04	-1.81E-05	-1.38E+01	0.00E+00	4.61E+00	-2.50E-05	4.61E+00	-7.09E+00	-1.38E+01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
VF418PS	1.67E-02	2.75E+00	7.91E-02	2.67E+00	0.00E+00	0.00E+00	1.45E+01	2.99E-05	5.52E-03	3.08E-02	0.00E+00	1.21E-18	1.05E-09	5.86E-08	2.28E-01	-1.95E+00	0.00E+00	0.00E+00	1.33E+01	4.49E-18	4.59E+01	0.00E+00	3.80E-07	1.43E-07	8.93E-03	0.00E+00	1.64E+00	0.00E+00	4.59E+01	1.18E-05	4.59E+01	4.75E+01	1.64E+00	0.00E+00	0.00E+00	0.00E+00	3.78E+02
VF418PY	6.65E-03	-3.62E-01	-8.20E-03	-6.59E-01	0.00E+00	0.00E+00	1.93E+00	-2.57E-04	4.00E-03	6.71E-03	0.00E+00	-1.79E-04	-5.16E-09	-6.14E-10	1.52E-01	-4.62E+01	0.00E+00	0.00E+00	3.29E+00	-1.65E-01	6.88E+00	0.00E+00	2.37E-07	1.59E-08	2.47E-03	-1.37E-04	-5.85E+00	0.00E+00	6.88E+00	-5.10E-05	6.88E+00	-1.75E+00	-5.85E+00	0.00E+00	0.00E+00	0.00E+00	-3.93E+01
VF418PZC	-3.26E-03	-1.37E-01	-7.33E-02	-7.96E-01	0.00E+00	0.00E+00	2.91E-01	-2.78E-04	4.31E-04	-9.90E-04	0.00E+00	-5.91E-04	-3.22E-09	-2.78E-08	-5.25E-02	-2.63E+01	0.00E+00	0.00E+00	1.16E+00	-2.82E-01	-6.05E-01	0.00E+00	6.42E-08	4.83E-09	3.53E-04	-2.53E-04	-4.84E+00	0.00E+00	-6.05E-01	-2.31E-05	-6.05E-01	-2.02E+00	-4.84E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+01
VF418TA	5.87E-03	-1.80E-01	-4.54E-02	-1.05E+00	0.00E+00	0.00E+00	2.92E+00	-2.66E-04	1.99E-03	5.43E-03	0.00E+00	-4.77E-04	-1.09E-09	-2.06E-08	-6.28E-02	-1.45E+02	0.00E+00	0.00E+00	6.23E+00	-2.90E-01	-1.05E+00	0.00E+00	2.19E-07	1.73E-08	2.28E-03	-2.91E-04	-1.24E+01	0.00E+00	-1.05E+00	-9.88E-06	-1.05E+00	-1.20E+01	-1.24E+01	0.00E+00	0.00E+00	0.00E+00	1.67E+02
VF418TD	8.79E-04	-9.85E-02	-1.46E-01	4.78E-02	0.00E+00	0.00E+00	5.20E+00	-5.43E-04	8.23E-04	9.07E-03	0.00E+00	-9.32E-04	1.23E-09	-4.73E-08	-2.24E-01	-3.35E+01	0.00E+00	0.00E+00	1.10E+01	-4.30E-01	-1.80E+01	0.00E+00	2.38E-07	6.41E-08	2.40E-03	-3.55E-04	-3.71E+00	0.00E+00	-1.80E+01	-6.24E-06	-1.80E+01	-2.17E+01	-3.71E+00	0.00E+00	0.00E+00	0.00E+00	3.63E+02
VF418TES	-6.59E-03	6.67E-03	-4.35E-02	-1.06E+00	0.00E+00	0.00E+00	2.98E+00	-1.62E-04	2.60E-03	1.66E-03	0.00E+00	-3.86E-04	-3.00E-09	-1.51E-08	-9.25E-02	-1.66E+02	0.00E+00	0.00E+00	6.05E+00	-2.47E-01	1.56E+00	0.00E+00	2.26E-07	-5.90E-09	-8.10E-04	-2.72E-04	-1.45E+01	0.00E+00	1.56E+00	-3.06E-05	1.56E+00	-8.43E+00	-1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
VF418TF	3.64E-03	-2.69E-01	-5.89E-02	-5.55E-01	0.00E+00	0.00E+00	2.34E+00	-2.63E-04	1.33E-03	9.05E-03	0.00E+00	-6.56E-04	-2.69E-10	-2.32E-08	-6.57E-02	-1.44E+02	0.00E+00	0.00E+00	5.72E+00	-3.15E-01	-6.23E+00	0.00E+00	2.06E-07	1.52E-08	2.71E-03	-3.18E-04	-1.18E+01	0.00E+00	-6.23E+00	-6.52E-06	-6.23E+00	-1.19E+01	-1.18E+01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
VF418TJ	3.04E-03	-4.02E-01	-6.92E-02	-6.24E-01	0.00E+00	0.00E+00	2.20E+00	-2.89E-04	1.29E-03	9.66E-03	0.00E+00	-6.66E-04	-2.63E-10	-2.65E-08	-8.22E-02	-1.45E+02	0.00E+00	0.00E+00	5.55E+00	-3.12E-01	-8.90E+00	0.00E+00	1.88E-07	1.03E-08	2.71E-03	-3.21E-04	-1.21E+01	0.00E+00	-8.90E+00	-7.04E-06	-8.90E+00	-1.46E+01	-1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+02
VF418TM	-1.77E-04	-1.71E-01	-4.65E-02	-3.81E-01	0.00E+00	0.00E+00	1.87E+00	-6.25E-04	1.89E-03	1.21E-02	0.00E+00	-5.53E-04	-1.20E-09	-3.82E-08	-8.35E-02	-1.43E+02	0.00E+00	0.00E+00	4.57E+00	-1.99E-01	-6.73E+00	0.00E+00	1.84E-07	-3.02E-09	2.49E-03	-2.46E-04	-1.23E+01	0.00E+00	-6.73E+00	-2.24E-05	-6.73E+00	-1.27E+01	-1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.21E+02
VF418TP	5.43E-03	-7.36E-02	-4.70E-02	-1.01E+00	0.00E+00	0.00E+00	2.95E+00	-2.04E-04	2.94E-03	5.44E-03	0.00E+00	-4.76E-04	-1.90E-09	-1.61E-08	-7.06E-02	-1.45E+02	0.00E+00	0.00E+00	6.42E+00	-2.75E-01	3.85E+00	0.00E+00	2.25E-07	1.86E-08	2.38E-03	-2.92E-04	-1.24E+01	0.00E+00	3.85E+00	-1.79E-05	3.85E+00	-6.98E+00	-1.24E+01	0.00E+00	0.00E+00	0.00E+00	1.68E+02
VF418TR	-5.33E-04	-1.73E-01	2.54E-02	-3.36E-01	0.00E+00	0.00E+00	2.28E+00	-3.39E-04	2.02E-03	7.79E-03	0.00E+00	-3.17E-05	-2.64E-09	-2.04E-08	-5.49E-02	-1.66E+02	0.00E+00	0.00E+00	5.08E+00	-2.58E-02	5.14E+00	0.00E+00	2.16E-07	7.89E-09	3.46E-04	-1.44E-05	-1.29E+01	0.00E+00	5.14E+00	-2.06E-05	5.14E+00	-6.17E+00	-1.29E+01	0.00E+00	0.00E+00	0.00E+00	9.96E+01

VF418TS	-1.28E-03	9.90E-02	-4.38E-02	-2.37E-01	0.00E+00	0.00E+00	2.53E+00	-1.63E-04	2.56E-03	8.87E-03	0.00E+00	-4.78E-04	-1.35E-09	-1.95E-08	-1.02E-01	-1.65E+02	0.00E+00	0.00E+00	6.06E+00	-2.08E-01	-2.18E+00	0.00E+00	2.28E-07	5.08E-09	9.41E-04	-2.14E-04	-1.35E+01	0.00E+00	-2.18E+00	-2.60E-05	-2.18E+00	-8.40E+00	-1.35E+01	0.00E+00	0.00E+00	0.00E+00	1.27E+02
VH12AT	-1.45E-02	-1.04E+00	-6.82E-02	-1.09E+00	0.00E+00	0.00E+00	-3.03E+00	-1.47E-03	-2.22E-03	-2.55E-02	0.00E+00	-3.19E-04	-2.10E-08	-1.70E-07	-5.18E-02	-2.24E+01	0.00E+00	0.00E+00	-3.89E+00	-1.06E-01	-1.70E+01	0.00E+00	-1.29E-08	-6.66E-08	-8.08E-03	-9.86E-05	-2.97E+00	0.00E+00	-1.70E+01	-8.51E-05	-1.70E+01	-1.92E+01	-2.97E+00	0.00E+00	0.00E+00	0.00E+00	-2.16E+02
VH12DKN	-6.60E-03	-7.45E-01	-5.57E-02	-8.86E-01	0.00E+00	0.00E+00	1.36E+00	-9.02E-04	-1.20E-03	-1.11E-02	0.00E+00	-2.35E-04	-1.50E-08	-7.21E-08	-5.31E-03	-1.70E+01	0.00E+00	0.00E+00	-2.46E+00	-8.08E-02	-9.30E+00	0.00E+00	2.95E-08	-6.96E-08	-4.77E-03	-7.80E-05	-1.38E+00	0.00E+00	-9.30E+00	-4.14E-05	-9.30E+00	-1.50E+01	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	-1.75E+02
VH12EP	-6.97E-03	-6.73E-01	-5.64E-02	-9.37E-01	0.00E+00	0.00E+00	-1.03E+00	-9.22E-04	-1.17E-03	-1.13E-02	0.00E+00	-2.58E-04	-1.49E-08	-8.40E-08	-1.18E-02	-1.58E+01	0.00E+00	0.00E+00	-4.71E+00	-8.11E-02	-8.97E+00	0.00E+00	3.75E-08	-7.31E-08	-4.71E-03	-7.88E-05	-1.71E+00	0.00E+00	-8.97E+00	-4.28E-05	-8.97E+00	-1.46E+01	-1.71E+00	0.00E+00	0.00E+00	0.00E+00	-2.53E+02
VH12ET	-1.70E-02	-6.89E-01	-6.59E-02	-9.15E-01	0.00E+00	0.00E+00	-1.10E+00	-1.32E-03	-1.55E-03	-1.20E-02	0.00E+00	-2.32E-04	-1.47E-08	-1.20E-07	-9.22E-03	-1.81E+01	0.00E+00	0.00E+00	-4.99E+00	-8.31E-02	-8.22E+00	0.00E+00	3.34E-08	-7.78E-08	-5.10E-03	-8.38E-05	-2.12E+00	0.00E+00	-8.22E+00	-8.46E-05	-8.22E+00	-1.41E+01	-2.12E+00	0.00E+00	0.00E+00	0.00E+00	-2.38E+02
VH12NA	2.41E-03	3.59E-01	4.78E-02	3.11E-01	0.00E+00	0.00E+00	1.02E+01	-3.32E-04	1.21E-03	4.14E-03	0.00E+00	8.77E-19	-6.08E-09	3.16E-09	1.03E-01	-3.62E+00	0.00E+00	0.00E+00	6.92E+00	2.85E-18	1.31E+01	0.00E+00	1.38E-07	-1.14E-08	-9.78E-04	0.00E+00	6.64E-01	0.00E+00	1.31E+01	-1.18E-05	1.31E+01	1.37E+01	6.64E-01	0.00E+00	0.00E+00	0.00E+00	2.02E+02
VH12NC	-5.26E-02	-1.21E+00	-4.63E-03	-1.20E+00	0.00E+00	0.00E+00	-1.44E+01	-5.32E-03	-2.82E-03	-3.58E-02	0.00E+00	6.31E-19	-2.60E-08	-5.96E-07	3.45E-02	-5.50E+00	0.00E+00	0.00E+00	-1.66E+01	2.07E-18	-1.22E+01	0.00E+00	8.34E-09	-2.31E-07	-1.55E-02	0.00E+00	-1.35E+00	0.00E+00	-1.22E+01	-1.68E-04	-1.22E+01	-1.36E+01	-1.35E+00	0.00E+00	0.00E+00	0.00E+00	-7.53E+02
VH12NE	-1.50E-02	-2.54E+00	-1.12E-01	-2.43E+00	0.00E+00	0.00E+00	-2.04E+00	-9.66E-04	-1.82E-03	-2.17E-02	0.00E+00	-4.95E-04	-1.87E-08	-1.01E-07	-1.67E-01	-2.55E+01	0.00E+00	0.00E+00	-1.41E+01	-2.29E-01	-3.64E+01	0.00E+00	-2.08E-08	-1.53E-07	-9.44E-03	-1.89E-04	-4.73E+00	0.00E+00	-3.64E+01	-5.26E-05	-3.64E+01	-4.12E+01	-4.73E+00	0.00E+00	0.00E+00	0.00E+00	-6.52E+02
VH12NK	3.96E-04	-5.61E-02	-5.53E-03	-1.71E-02	0.00E+00	0.00E+00	-2.67E-01	-2.11E-04	1.61E-05	6.16E-04	0.00E+00	-1.98E-05	-3.61E-09	-2.02E-08	-6.78E-03	-3.58E+00	0.00E+00	0.00E+00	-1.23E+00	-2.00E-02	-1.79E+00	0.00E+00	1.90E-08	-7.10E-09	-6.47E-04	-6.86E-06	-6.73E-01	0.00E+00	-1.79E+00	-1.06E-05	-1.79E+00	-3.05E+00	-6.73E-01	0.00E+00	0.00E+00	0.00E+00	-8.92E+01
VH12NN	-5.59E-02	-3.26E+00	-1.26E-01	-3.14E+00	0.00E+00	0.00E+00	-1.85E+01	-5.05E-03	-3.96E-03	-4.86E-02	0.00E+00	-4.95E-04	-2.59E-08	-5.72E-07	-2.06E-01	-3.43E+01	0.00E+00	0.00E+00	-1.92E+01	-2.29E-01	-5.09E+01	0.00E+00	-1.01E-07	-2.93E-07	-1.93E-02	-1.89E-04	-6.14E+00	0.00E+00	-5.09E+01	-1.64E-04	-5.09E+01	-5.71E+01	-6.14E+00	0.00E+00	0.00E+00	0.00E+00	-8.32E+02
VH24AT	-1.57E-02	1.04E+00	7.71E-02	1.11E+00	0.00E+00	0.00E+00	2.06E+01	-3.94E-03	-7.48E-04	-3.74E-03	0.00E+00	-1.22E-04	-1.17E-08	-3.92E-07	8.45E-02	-8.71E+00	0.00E+00	0.00E+00	9.95E+00	-2.87E-02	1.84E+01	0.00E+00	2.15E-07	5.20E-08	-6.63E-03	-4.44E-05	-3.03E-01	0.00E+00	1.84E+01	-6.38E-05	1.84E+01	1.46E+01	-3.03E-01	0.00E+00	0.00E+00	0.00E+00	3.02E+02
VH24DKN	-2.19E-03	2.75E-01	2.45E-02	-2.49E-01	0.00E+00	0.00E+00	1.29E+01	-5.12E-04	-3.97E-04	-7.04E-03	0.00E+00	-2.17E-04	-2.57E-08	-1.74E-08	4.65E-02	-1.12E+01	0.00E+00	0.00E+00	3.75E+00	-4.39E-02	7.42E+00	0.00E+00	4.65E-08	2.68E-08	-7.65E-03	-5.90E-05	-3.89E-01	0.00E+00	7.42E+00	-2.34E-05	7.42E+00	3.01E+00	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	2.41E+00
VH24EP	-7.31E-03	4.29E-01	2.90E-02	-1.46E-01	0.00E+00	0.00E+00	1.55E+01	-6.93E-04	-6.87E-04	-8.44E-03	0.00E+00	-1.62E-04	-2.10E-08	-9.52E-08	5.82E-02	-1.01E+01	0.00E+00	0.00E+00	4.45E+00	-3.58E-02	1.01E+01	0.00E+00	5.10E-08	-4.97E-09	-8.08E-03	-6.55E-05	-1.86E-01	0.00E+00	1.01E+01	-3.72E-05	1.01E+01	2.61E+00	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
VH24ET	-1.80E-02	5.99E-01	2.21E-02	-2.69E-02	0.00E+00	0.00E+00	1.53E+01	-7.97E-04	-1.00E-03	-1.31E-02	0.00E+00	-1.57E-04	-1.99E-08	-1.26E-07	6.84E-02	-1.52E+01	0.00E+00	0.00E+00	6.93E+00	-4.43E-02	1.04E+01	0.00E+00	4.41E-08	2.59E-08	-1.01E-02	-4.53E-05	-7.09E-01	0.00E+00	1.04E+01	-6.33E-05	1.04E+01	2.95E+00	-7.09E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
VH24NA	1.67E-02	3.60E+00	1.36E-01	3.46E+00	0.00E+00	0.00E+00	3.54E+01	7.35E-05	4.10E-03	3.49E-02	0.00E+00	1.78E-18	7.63E-09	8.77E-08	2.38E-01	1.51E+00	0.00E+00	0.00E+00	2.87E+01	5.94E-18	4.93E+01	0.00E+00	3.77E-07	1.66E-07	9.62E-03	0.00E+00	3.88E+00	0.00E+00	4.93E+01	1.34E-05	4.93E+01	5.32E+01	3.88E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+03
VH24NC	-4.48E-02	1.29E+00	5.71E-03	1.29E+00	0.00E+00	0.00E+00	1.75E+01	-5.40E-03	-4.46E-04	-8.85E-03	0.00E+00	-4.84E-04	3.70E-10	-5.68E-07	-3.46E-03	-2.95E+01	0.00E+00	0.00E+00	1.53E+01	-2.24E-01	8.25E+00	0.00E+00	2.58E-07	2.57E-09	-3.16E-03	-1.84E-04	-1.60E+00	0.00E+00	8.25E+00	-1.47E-04	8.25E+00	6.65E+00	-1.60E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+02
VH24NE	-1.16E-03	6.33E-01	-1.57E-02	6.48E-01	0.00E+00	0.00E+00	2.54E+01	-6.06E-04	8.25E-04	8.41E-03	0.00E+00	-4.84E-04	-1.88E-09	-2.30E-08	-1.67E-02	-1.49E+01	0.00E+00	0.00E+00	1.02E+01	-2.24E-01	4.43E+00	0.00E+00	2.37E-07	4.79E-08	1.78E-03	-1.84E-04	-4.83E-01	0.00E+00	4.43E+00	-2.69E-05	4.43E+00	3.94E+00	-4.83E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+02
VH24NK	1.71E-03	8.72E-01	2.28E-03	8.69E-01	0.00E+00	0.00E+00	7.53E-01	-1.03E-05	7.15E-04	8.40E-03	0.00E+00	3.54E-19	-5.65E-09	-4.31E-09	5.35E-02	-3.00E+00	0.00E+00	0.00E+00	-6.48E+00	1.35E-18	7.95E+00	0.00E+00	8.89E-08	8.62E-09	1.83E-03	0.00E+00	-8.48E-01	0.00E+00	7.95E+00	-8.40E-06	7.95E+00	7.10E+00	-8.48E-01	0.00E+00	0.00E+00	0.00E+00	-3.30E+02
VH24NN	2.01E-02	3.62E+00	1.45E-01	3.48E+00	0.00E+00	0.00E+00	3.71E+01	7.63E-05	6.57E-03	3.58E-02	0.00E+00	1.82E-18	7.94E-09	1.15E-07	2.45E-01	-3.39E+00	0.00E+00	0.00E+00	3.01E+01	6.08E-18	5.08E+01	0.00E+00	3.89E-07	1.71E-07	1.00E-02	0.00E+00	3.33E+00	0.00E+00	5.08E+01	1.34E-05	5.08E+01	5.41E+01	3.33E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+03
VH24NWB	-1.60E-02	-3.32E+00	-3.67E-02	-3.29E+00	0.00E+00	0.00E+00	-9.27E+00	-9.59E-04	-2.45E-03	-2.94E-02	0.00E+00	2.54E-19	-3.22E-08	-1.00E-07	-1.34E-03	-4.10E+01	0.00E+00	0.00E+00	-2.59E+01	9.70E-19	-2.51E+01	0.00E+00	-7.17E-08	-2.64E-07	-1.43E-02	0.00E+00	-7.88E+00	0.00E+00	-2.51E+01	-6.01E-05	-2.51E+01	-3.30E+01	-7.88E+00	0.00E+00	0.00E+00	0.00E+00	-1.13E+03
VH36AT	-1.19E-02	-1.62E+00	-4.37E-03	2.81E-02	0.00E+00	0.00E+00	-2.21E+00	-3.67E-03	-2.10E-03	-4.57E-04	0.00E+00	-5.36E-04	-9.87E-09	-2.57E-07	-4.82E-02	-2.44E+01	0.00E+00	0.00E+00	-4.33E+00	-2.35E-01	-2.64E+01	0.00E+00	2.08E-07	-9.73E-08	-8.11E-03	-1.71E-04	-3.53E+00	0.00E+00	-2.64E+01	-8.11E-05	-2.64E+01	-3.01E+01	-3.53E+00	0.00E+00	0.00E+00	0.00E+00	-3.08E+02
VH36DKN	-1.96E-02	-2.32E+00	-4.34E-02	-1.24E+00	0.00E+00	0.00E+00	-1.26E+01	-1.03E-03	-2.77E-03	-2.22E-02	0.00E+00	-2.72E-04	-2.67E-08	-1.69E-07	-1.12E-02	-2.30E+01	0.00E+00	0.00E+00	-2.55E+01	-1.26E-01	-2.90E+01	0.00E+00	-4.43E-09	-2.01E-07	-1.07E-02	-1.17E-04	-3.72E+00	0.00E+00	-2.90E+01	-7.46E-05	-2.90E+01	-3.10E+01	-3.72E+00	0.00E+00	0.00E+00	0.00E+00	-1.17E+03
VH36EP	-2.24E-02	-2.86E+00	-4.86E-02	-1.50E+00	0.00E+00	0.00E+00	-1.46E+01	-3.69E-03	-2.74E-03	-2.17E-02	0.00E+00	-4.44E-04	-2.32E-08	-3.82E-07	-5.64E-02	-2.80E+01	0.00E+00	0.00E+00	-2.59E+01	-2.03E-01	-3.87E+01	0.00E+00	2.57E-08	-2.28E-07	-1.10E-02	-1.80E-04	-5.17E+00	0.00E+00	-3.87E+01	-8.87E-05	-3.87E+01	-4.34E+01	-5.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E+03
VH36ET	-3.33E-02	-3.78E+00	-6.84E-02	-2.32E+00	0.00E+00	0.00E+00	-7.62E+00	-4.17E-03	-2.43E-03	-4.32E-02	0.00E+00	-3.47E-04	-2.06E-08	-4.46E-07	-1.11E-01	-3.06E+01	0.00E+00	0.00E+00	-1.53E+01	-1.91E-01	-4.73E+01	0.00E+00	-6.15E-09	-2.46E-07	-1.59E-02	-1.47E-04	-5.80E+00	0.00E+00	-4.73E+01	-1.04E-04	-4.73E+01	-5.96E+01	-5.80E+00	0.00E+00	0.00E+00	0.00E+00	-6.94E+02
VH36NA	-3.52E-02	-3.06E+00	-3.97E-02	-3.02E+00	0.00E+00	0.00E+00	-1.59E+01	-2.97E-03	-3.24E-03	-3.94E-02	0.00E+00	5.40E-19	-4.63E-08	-3.22E-07	1.99E-02	-1.71E+01	0.00E+00	0.00E+00	-3.55E+01	2.07E-18	-3.14E+01	0.00E+00	-5.82E-08	-3.62E-07	-2.04E-02	0.00E+00	-4.86E+00	0.00E+00	-3.14E+01	-1.27E-04	-3.14E+01	-3.63E+01	-4.86E+00	0.00E+00	0.00E+00	0.00E+00	-1.57E+03
VH36NC	1.19E-02	1.14E+00	-4.46E-02	1.18E+00	0.00E+00	0.00E+00	3.08E+01	5.34E-05	5.47E-03	1.95E-02	0.00E+00	-7.59E-04	-1.30E-09	1.01E-07	-8.24E-02	-3.66E+01	0.00E+00	0.00E+00	1.56E+01	-3.50E-01	-3.01E+00	0.00E+00	2.94E-07	7.13E-08	4.52E-03	-2.89E-04	-3.16E+00	0.00E+00	-3.01E+00	-2.85E-06	-3.01E+00	-6.17E+00	-3.16E+00	0.00E+00	0.00E+00	0.00E+00	4.51E+02
VH36NCT	-1.46E-02	-2.42E+00	-3.93E-02	-2.01E+00	0.00E+00	0.00E+00	-6.79E+00	-1.04E-03	-2.53E-03	-1.28E-02	0.00E+00	-2.79E-04	-2.74E-08	-9.59E-08	-6.01E-02	-5.14E+01	0.00E+00	0.00E+00	-2.20E+01	-1.46E-01	-2.30E+01	0.00E+00	-2.13E-08	-1.73E-07	-1.14E-02	-1.10E-04	-5.37E+00	0.00E+00	-2.30E+01	-3.90E-05	-2.30E+01	-2.72E+01	-5.37E+00	0.00E+00	0.00E+00	0.00E+00	-1.04E+03
VH36NE	-3.13E-02	-7.14E+00	-2.29E-01	-6.91E+00	0.00E+00	0.00E+00	-2.05E+01	-1.59E-03	-4.80E-03	-6.25E-02	0.00E+00	-7.59E-04	-4.99E-08	-1.63E-07	-3.49E-01	-4.19E+01	0.00E+00	0.00E+00	-4.00E+01	-3.50E-01	-9.31E+01	0.00E+00	-2.33E-07	-4.68E-07	-2.79E-02	-2.89E-04	-9.47E+00	0.00E+00	-9.31E+01	-9.63E-05	-9.31E+01	-1.03E+02	-9.47E+00	0.00E+00	0.00E+00	0.00E+00	-1.71E+03
VH36NK	6.47E-05	-5.19E-02	-1.11E-04	-5.18E-02	0.00E+00	0.00E+00	4.99E-01	4.98E-07	1.01E-05	7.02E-05	0.00E+00	2.10E-20	7.15E-11	9.57E-10	-5.22E-05	-5.12E+00	0.00E+00	0.00E+00	2.21E-01	7.10E-20	9.55E-02	0.00E+00	1.23E-09	-1.35E-09	2.74E-05	0.00E+00	-7.29E-01	0.00E+00	9.55E-02	1.35E-07	9.55E-02	-6.34E-01	-7.29E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+01
VH36NKM	-1.01E-02	-8.87E-01	-1.63E-02	-2.61E-01	0.00E+00	0.00E+00	-4.12E-01	-3.95E-04	-3.45E-04	-3.06E-03	0.00E+00	-1.27E-04	-4.50E-09	-1.01E-07	-1.61E-02	-1.47E+01	0.00E+00	0.00E+00	-7.17E+00	-5.96E-02	-9.12E+00	0.00E+00	2.91E-09	-4.51E-08	-1.93E-03	-1.87E-05	-2.64E+00	0.00E+00	-9.12E+00	-2.82E-05	-9.12E+00	-1.62E+01	-2.64E+00	0.00E+00	0.00E+00	0.00E+00	-2.85E+02
VH36NN	-9.59E-02	-4.21E+00	-3.30E-02	-4.17E+00	0.00E+00	0.00E+00	-2.84E+01	-9.14E-03	-6.26E-03	-7.81E-02	0.00E+00	6.34E-19	-4.71E-08	-1.03E-06	1.24E-02	-3.15E+01	0.00E+00	0.00E+00	-3.46E+01	2.09E-18	-3.35E+01	0.00E+00	-8.60E-08	-4.61E-07	-3.09E-02	0.00E+00	-6.23E+00	0.00E+00	-3.35E+01	-2.94E-04	-3.35E+01	-3.97E+01	-6.23E+00	0.00E+00	0.00E+00	0.00E+00	-1.53E+03
VH36NW	-2.45E-02	-5.49E+00	-1.59E-01	-5.33E+00	0.00E+00	0.00E+00	-1.60E+01	-1.42E-03	-3.42E-03	-4.92E-02	0.00E+00	-4.99E-04	-4.50E-08	-1.40E-07	-2.26E-01	-2.65E+01	0.00E+00	0.00E+00	-3.46E+01	-2.30E-01	-6.69E+01	0.00E+00	-1.51E-07	-3.84E-07	-2.28E-02	-1.90E-04	-6.64E+00	0.00E+00	-6.69E+01	-8.39E-05	-6.69E+01	-7.36E+01	-6.64E+00	0.00E+00	0.00E+00	0.00E+00	-1.49E+03
VH36NWB	-1.34E-02	-2.51E+00	-4.94E-02	-2.14E+00	0.00E+00	0.00E+00	-1.05E+01	-1.03E-03	-1.97E-03	-1.79E-02	0.00E+00	-2.65E-04	-3.82E-08	-9.17E-08	-5.10E-02	-3.26E+01	0.00E+00	0.00E+00	-2.60E+01	-1.42E-01	-2.14E+01	0.00E+00	-6.39E-08	-1.90E-07	-1.35E-02	-9.46E-05	-3.19E+00	0.00E+00	-2.14E+01	-4.67E-05	-2.14E+01	-2.32E+01	-3.19E+00	0.00E+00	0.00E+00	0.00E+00	-1.15E+03
VH36NWP	-2.22E-02	-5.43E+00	-8.62E-02	-3.72E+00	0.00E+00	0.00E+00	-1.34E+01	-1.27E-03	-3.01E-03	-4.22E-02	0.00E+00	-4.30E-04	-4.29E-08	-1.15E-07	-1.34E-01	-4.75E+01	0.00E+00	0.00E+00	-2.96E+01	-2.02E-01	-5.86E+01	0.00E+00	-9.95E-08	-3.05E-07	-1.99E-02	-1.37E-04	-1.16E+01	0.00E+00	-5.86E+01	-7.65E-05	-5.86E+01	-7.75E+01	-1.16E+01	0.00E+00	0.00E+00	0.00E+00	-1.27E+03
VH36WWH	-7.93E-03	-2.18E+00	-6.92E-02	-3.68E+00	0.00E+00	0.00E+00	3.23E+00	-8.97E-04	-4.20E-04	-3.70E-02	0.00E+00	-3.13E-04	-4.18E-08	-5.72E-08	2.81E-03	-3.90E+01	0.00E+00	0.00E+00	-1.35E+01	-1.41E-01	-9.01E+00	0.00E+00	-8.24E-08	-2.87E-07	-1.91E-02	-9.03E-05	-7.47E+00	0.00E+00	-9.01E+00	-4.35E-05	-9.01E+00	-2.65E+01	-7.47E+00	0.00E+00	0.00E+00	0.00E+00	-6.80E+02
VH48AT	1.66E-02	1.87E+00	-2.63E-02	1.89E+00	0.00E+00	0.00E+00	3.94E+01	8.50E-05	6.08E-03	2.82E-02	0.00E+00	-8.94E-04	7.51E-09	1.26E-07	-8.27E-02	-4.42E+01	0.00E+00	0.00E+00	3.34E+01	-4.13E-01	2.54E+00	0.00E+00	3.69E-07	1.26E-07	7.05E-03	-3.40E-04	-2.50E+00	0.00E+00	2.54E+00	1.20E-05	2.54E+00	4.26E-02	-2.50E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+03
VH48DKN	-1.48E-02	-2.67E-01	-1.72E-02	2.02E-02	0.00E+00	0.00E+00	1.50E+01	-2.06E-03	1.43E-03	-8.53E-03	0.00E+00	-4.30E-04	-2.66E-08	-2.47E-07	-2.81E-02	-2.28E+01	0.00E+00	0.00E+00	-5.07E+00	-1.92E-01	-1.31E+01	0.00E+00	2.51E-07	-8.87E-08	-6.22E-03	-1.95E-04	-2.52E+00	0.00E+00	-1.31E+01	-8.21E-05	-1.31E+01	-1.62E+01	-2.52E+00	0.00E+00	0.00E+00	0.00E+00	-3.22E+02
VH48EP	-1.09E-02	-1.59E+00	-1.69E-02	-5.82E-01	0.00E+00	0.00E+00	-1.03E+01	-8.21E-04	-9.90E-05	-5.05E-03	0.00E+00	-4.15E-04	-3.12E-08	-4.34E-08	-2.42E-02	-1.61E+01	0.00E+00	0.00E+00	-1.79E+01	-1.94E-01	-2.04E+01	0.00E+00	4.15E-08	-1.77E-07	-1.08E-02	-1.47E-04	-2.21E+00	0.00E+00	-2.04E+01	-6.37E-05	-2.04E+01	-2.45E+01	-2.21E+00	0.00E+00	0.00E+00	0.00E+00	-8.17E+02
VH48ET	-2.56E-02	-1.43E+00	-4.27E-02	-6.63E-01	0.00E+00	0.00E+00	-4.23E+00	-1.54E-03	2.03E-04	-5.76E-03	0.00E+00	-3.67E-04	-3.09E-08	-1.00E-07	-7.16E-02	-2.27E+01	0.00E+00	0.00E+00	-9.63E+00	-1.53E-01	-1.45E+01	0.00E+00	4.84E-08	-1.76E-07	-1.36E-02	-1.36E-04	-3.79E+00	0.00E+00	-1.45E+01	-9.46E-05	-1.45E+01	-1.78E+01	-3.79E+00	0.00E+00	0.00E+00	0.00E+00	-4.34E+02
VH48MMV	-7.19E-03	-2.71E+00	7.43E-03	-2.31E+00	0.00E+00	0.00E+00	-2.09E+00	-8.19E-04	6.58E-04	-1.24E-02	0.00E+00	-1.42E-04	-4.58E-08	-5.95E-08	1.34E-01	-3.57E+01	0.00E+00	0.00E+00	-1.94E+01	-6.34E-02	-1.48E+01	0.00E+00	-5.35E-08	-2.07E-07	-1.65E-02	-1.77E-05	-6.26E+00	0.00E+00	-1.48E+01	-5.51E-05	-1.48E+01	-2.48E+01	-6.26E+00	0.00E+00	0.00E+00	0.00E+00	-9.49E+02
VH48NA	-3.82E-03	7.76E-02	4.73E-02	3.03E-02	0.00E+00	0.00E+00	1.08E+01	-9.85E-04	1.39E-03	-1.46E-03	0.00E+00	1.35E-18	-3.18E-08	-4.68E-08	1.59E-01	-2.42E+00	0.00E+00	0.00E+00	-1.12E+01	4.87E-18	6.87E+00	0.00E+00	1.92E-07	-1.47E-07	-7.31E-03	0.00E+00	-2.41E-01	0.00E+00	6.87E+00	-5.55E-05	6.87E+00	6.63E+00	-2.41E-01	0.00E+00	0.00E+00	0.00E+00	-6.47E+02
VH48NC	-4.15E-02	3.50E+00	1.60E-01	3.34E+00	0.00E+00	0.00E+00	3.04E+01	-5.97E-03	1.02E-03	6.90E-03	0.00E+00	2.27E-18	4.05E-10	-6.09E-07	3.12E-01	-1.12E+01	0.00E+00	0.00E+00	2.47E+01	7.65E-18	6.10E+01	0.00E+00	4.78E-07	9.61E-08	1.87E-03	0.00E+00	2.63E+00	0.00E+00	6.10E+01	-1.57E-04	6.10E+01	6.36E+01	2.63E+00	0.00E+00	0.00E+00	0.00E+00	7.67E+02
VH48NE	1.20E-02	4.18E+00	1.72E-01	4.01E+00	0.00E+00	0.00E+00	4.35E+01	-6.91E-04	3.47E-03	3.81E-02	0.00E+00	2.29E-18	6.95E-09	7.15E-09	3.28E-01	8.34E+00	0.00E+00	0.00E+00	3.52E+01	7.72E-18	6.68E+01	0.00E+00	5.13E-07	2.07E-07	1.08E-02	0.00E+00	5.89E+00	0.00E+00	6.68E+01	-9.47E-06	6.68E+01	7.27E+01	5.89E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+03
VH48NK	-1.84E-04	-2.20E-02	-1.92E-03	-2.01E-02	0.00E+00	0.00E+00	-1.43E-01	-2.66E-05	-6.22E-06	-1.05E-04	0.00E+00	1.87E-20	-7.23E-10	-2.37E-09	-1.69E-03	-1.79E+00	0.00E+00	0.00E+00	-4.60E-01	7.17E-20	-5.56E-01	0.00E+00	-1.43E-10	-5.19E-09	-2.04E-04	0.00E+00	-3.07E-01	0.00E+00	-5.56E-01	-1.13E-06	-5.56E-01	-8.63E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+01
VH48NKM	-1.10E-02	-2.69E-01	-1.84E-03	-2.67E-01	0.00E+00	0.00E+00	-1.94E+00	-1.11E-03	-4.56E-04	-6.39E-03	0.00E+00	3.44E-20	-1.28E-09	-1.28E-07	-1.85E-03	-1.67E+01	0.00E+00	0.00E+00	-1.76E+00	1.17E-19	-7.48E-01	0.00E+00	-3.10E-09	-2.66E-08	-1.79E-03	0.00E+00	-2.47E+00	0.00E+00	-7.48E-01	-3.17E-05	-7.48E-01	-3.22E+00	-2.47E+00	0.00E+00	0.00E+00	0.00E+00	-7.50E+01
VH48NMB	6.92E-03	2.92E+00	1.44E-01	2.77E+00	0.00E+00	0.00E+00	4.19E+01	-6.39E-04	2.49E-03	2.48E-02	0.00E+00	1.69E-18	5.02E-09	1.10E-08	2.30E-01	5.32E+00	0.00E+00	0.00E+00	2.80E+01	5.74E-18	4.74E+01	0.00E+00	3.54E-07	1.43E-07	6.96E-03	0.00E+00	4.56E+00	0.00E+00	4.74E+01	-9.53E-06	4.74E+01	5.19E+01	4.56E+00	0.00E+00	0.00E+00	0.00E+00	9.82E+02
VH48NN	-2.52E-02	-7.40E+00	-2.21E-01	-7.18E+00	0.00E+00	0.00E+00	-1.75E+01	-1.87E-03	2.48E-04	-6.42E-02	0.00E+00	-8.94E-04	-4.98E-08	-1.22E-07	-3.74E-01	-4.19E+01	0.00E+00	0.00E+00	-2.88E+01	-4.13E-01	-9.81E+01	0.00E+00	-2.05E-07	-4.84E-07	-2.97E-02	-3.40E-04	-8.30E+00	0.00E+00	-9.81E+01	-9.84E-05	-9.81E+01	-1.06E+02	-8.30E+00	0.00E+00	0.00E+00	0.00E+00	-1.25E+03
VH48NRM	-1.30E-02	-2.11E+00	1.05E-02	-2.17E+00	0.00E+00	0.00E+00	-6.71E+00	-1.07E-03	-1.57E-03	-9.75E-03	0.00E+00	-1.57E-04	-4.33E-08	-9.54E-08	1.45E-02	-4.15E+01	0.00E+00	0.00E+00	-1.60E+01	-8.06E-02	-1.60E+01	0.00E+00	-2.89E-08	-1.60E-07	-1.13E-02	-7.97E-05	-3.24E+00	0.00E+00	-1.60E+01	-4.48E-05	-1.60E+01	-2.41E+01	-3.24E+00	0.00E+00	0.00E+00	0.00E+00	-7.82E+02
VH48NW	-1.79E-02	-3.57E+00	-1.44E-02	-3.56E+00	0.00E+00	0.00E+00	-9.49E+00	-1.60E-03	-2.14E-03	-3.51E-02	0.00E+00	7.20E-19	-4.23E-08	-1.37E-07	3.35E-02	-1.43E+01	0.00E+00	0.00E+00	-2.12E+01	2.42E-18	-2.64E+01	0.00E+00	-2.79E-08	-3.30E-07	-1.96E-02	0.00E+00	-3.21E+00	0.00E+00	-2.64E+01	-7.72E-05	-2.64E+01	-2.96E+01	-3.21E+00	0.00E+00	0.00E+00	0.00E+00	-9.51E+02
VH48NWB	-1.25E-02	-2.59E+00	3.98E-03	-1.91E+00	0.00E+00	0.00E+00	-1.03E+01	-1.05E-03	-5.21E-04	-1.43E-02	0.00E+00	-1.66E-04	-4.27E-08	-9.09E-08	6.73E-02	-2.27E+01	0.00E+00	0.00E+00	-2.14E+01	-9.60E-02	-2.21E+01	0.00E+00	-5.48E-08	-1.76E-07	-1.43E-02	-6.99E-05	-2.71E+00	0.00E+00	-2.21E+01	-5.35E-05	-2.21E+01	-2.90E+01	-2.71E+00	0.00E+00	0.00E+00	0.00E+00	-9.88E+02
VH48NWP	-1.93E-02	-5.93E+00	-6.32E-02	-3.15E+00	0.00E+00	0.00E+00	-1.35E+01	-1.03E-03	-1.87E-03	-4.43E-02	0.00E+00	-2.88E-04	-4.56E-08	-7.71E-08	-2.61E-02	-4.43E+01	0.00E+00	0.00E+00	-2.99E+01	-1.56E-01	-6.49E+01	0.00E+00	-6.77E-08	-3.17E-07	-2.07E-02	-9.63E-05	-1.23E+01	0.00E+00	-6.49E+01	-7.87E-05	-6.49E+01	-8.26E+01	-1.23E+01	0.00E+00	0.00E+00	0.00E+00	-1.25E+03
VH48WWH	2.17E-02	5.14E+00	1.56E-01	4.98E+00	0.00E+00	0.00E+00	4.25E+01	2.57E-05	5.14E-03	5.00E-02	0.00E+00	2.22E-18	1.16E-09	8.68E-08	3.26E-01	7.18E+00	0.00E+00	0.00E+00	2.46E+01	7.83E-18	7.01E+01	0.00E+00	5.65E-07	2.24E-07	1.37E-02	0.00E+00	4.69E+00	0.00E+00	7.01E+01	8.90E-06	7.01E+01	7.48E+01	4.69E+00	0.00E+00	0.00E+00	0.00E+00	7.67E+02
VH48WWV	-2.60E-03	-1.83E+00	8.11E-03	-2.23E+00	0.00E+00	0.00E+00	7.52E+00	-6.80E-04	1.55E-03	-1.22E-02	0.00E+00	-1.14E-04	-4.58E-08	-3.34E-08	1.75E-01	-3.92E+01	0.00E+00	0.00E+00	-1.19E+01	-5.74E-02	-4.05E+00	0.00E+00	-4.08E-08	-2.07E-07	-1.64E-02	-1.79E-05	-6.41E+00	0.00E+00	-4.05E+00	-3.76E-05	-4.05E+00	-1.85E+01	-6.41E+00	0.00E+00	0.00E+00	0.00E+00	-6.91E+02
VH602NWH	-1.33E-02	-1.38E+00	4.73E-02	-1.17E+00	0.00E+00	0.00E+00	-6.29E+00	-1.96E-03	3.47E-04	-8.51E-03	0.00E+00	-1.57E-04	-3.55E-08	-4.02E-07	5.93E-02	-1.30E+01	0.00E+00	0.00E+00	-2.31E+01	-7.51E-02	-1.36E+01	0.00E+00	6.20E-08	-1.54E-07	-1.33E-02	-7.07E-05	-1.52E+00	0.00E+00	-1.36E+01	-9.64E-05	-1.36E+01	-1.81E+01	-1.52E+00	0.00E+00	0.00E+00	0.00E+00	-1.15E+03
VH602WWH	-4.82E-03	-5.81E-01	5.67E-03	-5.87E-01	0.00E+00	0.00E+00	-4.79E+00	-1.21E-03	2.41E-03	-6.59E-03	0.00E+00	9.91E-19	-3.81E-08	-8.20E-08	1.15E-01	-8.79E+00	0.00E+00	0.00E+00	-2.16E+01	3.79E-18	-1.23E+00	0.00E+00	1.60E-07	-1.94E-07	-9.55E-03	0.00E+00	-2.36E+00	0.00E+00	-1.23E+00	-6.29E-05	-1.23E+00	-3.59E+00	-2.36E+00	0.00E+00	0.00E+00	0.00E+00	-1.04E+03
VH603NWH	-1.32E-02	-5.34E-01	7.98E-02	-9.66E-01	0.00E+00	0.00E+00	2.02E+01	-2.20E-03	1.88E-03	1.35E-03	0.00E+00	-1.09E-04	-2.67E-08	-4.13E-07	1.24E-01	-1.24E+01	0.00E+00	0.00E+00	-1.20E+01	-4.25E-02	-9.32E+00	0.00E+00	3.80E-07	-8.69E-08	-1.04E-02	-8.34E-05	-1.10E+00	0.00E+00	-9.32E+00	-1.05E-04	-9.32E+00	-1.50E+01	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-6.92E+02
VH603WWH	-9.17E-03	-1.27E-01	7.68E-02	-4.34E-01	0.00E+00	0.00E+00	2.43E+01	-2.02E-03	2.95E-03	5.74E-04	0.00E+00	-9.20E-05	-2.68E-08	-4.09E-07	1.60E-01	-1.46E+01	0.00E+00	0.00E+00	-6.79E+00	-4.23E-02	-5.64E-01	0.00E+00	3.75E-07	-8.11E-08	-9.49E-03	-7.79E-05	-1.60E+00	0.00E+00	-5.64E-01	-8.30E-05	-5.64E-01	-3.43E+00	-1.60E+00	0.00E+00	0.00E+00	0.00E+00	-5.03E+02
VH60AT	-7.67E-03	-3.61E-01	4.40E-02	-8.38E-01	0.00E+00	0.00E+00	2.08E+01	-1.84E-03	2.78E-03	7.02E-03	0.00E+00	-1.45E-04	-1.55E-08	-5.77E-08	1.16E-01	-2.15E+01	0.00E+00	0.00E+00	3.16E+00	-6.24E-02	-1.28E+01	0.00E+00	2.78E-07	-2.11E-08	-4.47E-03	-8.69E-05	-2.35E+00	0.00E+00	-1.28E+01	-7.45E-05	-1.28E+01	-1.62E+01	-2.35E+00	0.00E+00	0.00E+00	0.00E+00	-1.90E+02
VH60DKN	-9.04E-03	-5.92E-01	3.23E-02	-8.61E-01	0.00E+00	0.00E+00	1.36E+01	-2.16E-03	2.54E-03	-2.62E-03	0.00E+00	-8.48E-05	-2.71E-08	-2.04E-07	8.15E-02	-1.05E+01	0.00E+00	0.00E+00	-7.05E+00	-4.17E-02	-1.19E+01	0.00E+00	1.73E-07	-8.53E-08	-7.10E-03	-7.11E-05	-1.88E+00	0.00E+00	-1.19E+01	-7.98E-05	-1.19E+01	-1.65E+01	-1.88E+00	0.00E+00	0.00E+00	0.00E+00	-5.82E+02
VH60EP	-6.59E-03	-3.55E-01	4.13E-02	-1.07E+00	0.00E+00	0.00E+00	2.19E+01	-2.05E-03	3.37E-03	8.08E-03	0.00E+00	-1.21E-04	-1.67E-08	-2.60E-08	1.00E-01	-1.58E+01	0.00E+00	0.00E+00	6.70E+00	-5.94E-02	-9.99E+00	0.00E+00	2.34E-07	-3.56E-08	-6.28E-03	-6.06E-05	-2.71E+00	0.00E+00	-9.99E+00	-6.00E-05	-9.99E+00	-1.50E+01	-2.71E+00	0.00E+00	0.00E+00	0.00E+00	-6.05E+00
VH60ET	-6.62E-03	3.59E-02	5.28E-02	7.24E-02	0.00E+00	0.00E+00	2.02E+01	-2.14E-03	3.31E-03	5.28E-03	0.00E+00	-1.12E-04	-1.56E-08	-5.67E-08	8.98E-02	-1.55E+01	0.00E+00	0.00E+00	4.16E+00	-5.93E-02	-6.74E+00	0.00E+00	2.66E-07	-2.60E-08	-5.04E-03	-6.89E-05	-1.27E+00	0.00E+00	-6.74E+00	-5.45E-05	-6.74E+00	-1.30E+01	-1.27E+00	0.00E+00	0.00E+00	0.00E+00	-1.17E+02
VH60MMV	-1.45E-02	-2.74E+00	2.17E-02	-2.77E+00	0.00E+00	0.00E+00	-2.53E+00	-1.24E-03	-4.40E-04	-1.24E-02	0.00E+00	-1.49E-04	-5.03E-08	-1.12E-07	1.03E-01	-6.69E+01	0.00E+00	0.00E+00	-1.97E+01	-6.32E-02	-1.47E+01	0.00E+00	-6.19E-08	-1.91E-07	-1.66E-02	-2.98E-05	-8.74E+00	0.00E+00	-1.47E+01	-5.97E-05	-1.47E+01	-2.41E+01	-8.74E+00	0.00E+00	0.00E+00	0.00E+00	-1.04E+03
VH60NA	-2.97E-03	-7.69E-01	5.87E-02	-8.28E-01	0.00E+00	0.00E+00	1.42E+01	-1.03E-03	2.14E-03	-6.96E-03	0.00E+00	1.44E-18	-3.29E-08	-3.21E-08	1.87E-01	-3.66E+00	0.00E+00	0.00E+00	-8.98E+00	5.16E-18	1.08E+01	0.00E+00	2.22E-07	-1.48E-07	-8.56E-03	0.00E+00	-9.29E-02	0.00E+00	1.08E+01	-5.63E-05	1.08E+01	1.07E+01	-9.29E-02	0.00E+00	0.00E+00	0.00E+00	-5.79E+02
VH60NE	4.09E-03	1.71E+00	4.25E-02	1.39E+00	0.00E+00	0.00E+00	2.88E+01	-1.03E-03	3.06E-03	2.24E-03	0.00E+00	-9.00E-05	-4.52E-08	-4.87E-08	2.85E-01	-5.32E+00	0.00E+00	0.00E+00	1.19E+01	-4.12E-02	3.63E+01	0.00E+00	4.04E-07	-5.86E-08	-2.00E-03	-3.50E-05	-3.82E+00	0.00E+00	3.63E+01	-6.51E-05	3.63E+01	3.34E+01	-3.82E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+02
VH60NK	1.90E-04	6.25E-03	-2.00E-04	6.45E-03	0.00E+00	0.00E+00	5.81E-01	4.64E-07	5.35E-05	5.81E-04	0.00E+00	3.22E-20	8.85E-11	1.15E-09	-3.88E-05	-5.51E+00	0.00E+00	0.00E+00	2.52E-01	1.13E-19	1.83E-01	0.00E+00	2.62E-09	-6.27E-10	1.45E-04	0.00E+00	-7.86E-01	0.00E+00	1.83E-01	1.75E-07	1.83E-01	-6.04E-01	-7.86E-01	0.00E+00	0.00E+00	0.00E+00	1.22E+01
VH60NKM	-1.08E-02	-1.01E+00	-2.01E-02	-6.09E-02	0.00E+00	0.00E+00	-7.82E-01	-5.18E-04	-8.52E-04	-2.13E-03	0.00E+00	-1.46E-04	-4.79E-09	-1.12E-07	-1.43E-02	-1.84E+01	0.00E+00	0.00E+00	-7.95E+00	-8.02E-02	-1.18E+01	0.00E+00	1.95E-08	-5.90E-08	-8.72E-04	-3.42E-05	-3.29E+00	0.00E+00	-1.18E+01	-4.20E-05	-1.18E+01	-2.00E+01	-3.29E+00	0.00E+00	0.00E+00	0.00E+00	-3.56E+02
VH60NN	-1.17E-01	-5.86E+00	-4.75E-02	-5.81E+00	0.00E+00	0.00E+00	-3.63E+01	-1.10E-02	-8.07E-03	-1.00E-01	0.00E+00	8.03E-19	-6.52E-08	-1.23E-06	1.77E-02	-3.90E+01	0.00E+00	0.00E+00	-4.73E+01	2.73E-18	-4.70E+01	0.00E+00	-1.20E-07	-6.22E-07	-4.09E-02	0.00E+00	-8.07E+00	0.00E+00	-4.70E+01	-3.60E-04	-4.70E+01	-5.51E+01	-8.07E+00	0.00E+00	0.00E+00	0.00E+00	-2.08E+03
VH60NW	-3.84E-02	-5.22E+00	-5.58E-02	-5.17E+00	0.00E+00	0.00E+00	-1.94E+01	-2.95E-03	-4.30E-03	-5.24E-02	0.00E+00	5.47E-19	-5.78E-08	-3.13E-07	-6.88E-03	-8.70E+01	0.00E+00	0.00E+00	-4.37E+01	2.09E-18	-4.67E+01	0.00E+00	-1.31E-07	-5.01E-07	-2.67E-02	0.00E+00	-1.57E+01	0.00E+00	-4.67E+01	-1.38E-04	-4.67E+01	-6.24E+01	-1.57E+01	0.00E+00	0.00E+00	0.00E+00	-1.90E+03
VH60NWB	-8.81E-03	-2.26E+00	1.14E-02	-1.94E+00	0.00E+00	0.00E+00	-9.83E+00	-1.02E-03	1.49E-04	-1.11E-02	0.00E+00	-1.30E-04	-4.32E-08	-8.84E-08	7.68E-02	-2.04E+01	0.00E+00	0.00E+00	-2.01E+01	-8.18E-02	-1.87E+01	0.00E+00	-4.75E-08	-1.61E-07	-1.40E-02	-4.09E-05	-2.57E+00	0.00E+00	-1.87E+01	-5.12E-05	-1.87E+01	-2.25E+01	-2.57E+00	0.00E+00	0.00E+00	0.00E+00	-9.20E+02
VH60NWP	-3.19E-02	-6.56E+00	-3.12E-03	-4.24E+00	0.00E+00	0.00E+00	-1.69E+01	-2.07E-03	-3.31E-03	-4.99E-02	0.00E+00	-3.48E-04	-5.40E-08	-1.99E-07	-1.22E-01	-7.16E+01	0.00E+00	0.00E+00	-3.56E+01	-1.78E-01	-7.15E+01	0.00E+00	-9.13E-08	-3.22E-07	-2.23E-02	-1.45E-04	-1.52E+01	0.00E+00	-7.15E+01	-9.80E-05	-7.15E+01	-8.63E+01	-1.52E+01	0.00E+00	0.00E+00	0.00E+00	-1.57E+03
VH60WWH	-2.03E-02	-2.26E+00	4.80E-03	-3.89E+00	0.00E+00	0.00E+00	6.47E+00	-1.20E-03	-4.95E-04	-4.33E-02	0.00E+00	-1.10E-04	-5.04E-08	-1.15E-07	1.08E-01	-7.53E+01	0.00E+00	0.00E+00	-1.31E+01	-6.06E-02	-6.96E+00	0.00E+00	-6.67E-08	-3.08E-07	-2.07E-02	-5.91E-05	-1.11E+01	0.00E+00	-6.96E+00	-5.40E-05	-6.96E+00	-2.48E+01	-1.11E+01	0.00E+00	0.00E+00	0.00E+00	-7.70E+02
VH60WWV	-1.36E-02	-1.97E+00	1.99E-02	-2.78E+00	0.00E+00	0.00E+00	8.73E+00	-1.09E-03	-1.64E-04	-1.28E-02	0.00E+00	-1.19E-04	-4.86E-08	-8.69E-08	1.42E-01	-6.91E+01	0.00E+00	0.00E+00	-1.15E+01	-5.80E-02	-4.49E+00	0.00E+00	-5.04E-08	-2.11E-07	-1.67E-02	-3.37E-05	-9.08E+00	0.00E+00	-4.49E+00	-4.22E-05	-4.49E+00	-2.16E+01	-9.08E+00	0.00E+00	0.00E+00	0.00E+00	-7.01E+02
VR108NE	-7.00E-04	-8.45E-02	-7.38E-03	-7.00E-02	0.00E+00	0.00E+00	-5.62E-01	-6.94E-05	6.06E-05	-1.97E-04	0.00E+00	-5.57E-05	-1.46E-09	-1.60E-08	-1.47E-02	-1.39E+00	0.00E+00	0.00E+00	1.84E-02	-1.71E-02	-2.46E+00	0.00E+00	9.80E-09	-8.18E-09	-1.99E-04	-1.34E-05	-4.10E-01	0.00E+00	-2.46E+00	-5.20E-06	-2.46E+00	-3.52E+00	-4.10E-01	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
VR108NH	-8.70E-04	-5.80E-02	-7.73E-03	-7.86E-02	0.00E+00	0.00E+00	-6.41E-01	-2.66E-04	1.53E-04	-2.53E-04	0.00E+00	-9.64E-05	-3.33E-09	-1.88E-08	-1.44E-02	-1.51E+00	0.00E+00	0.00E+00	-2.97E-01	-3.87E-02	-2.33E+00	0.00E+00	9.17E-09	-1.59E-08	-8.35E-04	-2.33E-05	-5.84E-01	0.00E+00	-2.33E+00	-1.57E-05	-2.33E+00	-4.02E+00	-5.84E-01	0.00E+00	0.00E+00	0.00E+00	-3.01E+01

VR108NP	-8.00E-03	-1.16E-01	-1.94E-02	-1.23E-01	0.00E+00	0.00E+00	-5.61E-01	-2.63E-04	5.22E-05	-5.25E-04	0.00E+00	-8.96E-05	-7.35E-10	-5.00E-08	-2.06E-02	-1.24E+01	0.00E+00	0.00E+00	-4.38E-02	-3.04E-02	-3.87E+00	0.00E+00	8.91E-09	-9.44E-09	-3.71E-04	-3.69E-05	-9.08E-01	0.00E+00	-3.87E+00	-1.11E-05	-3.87E+00	-4.69E+00	-9.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+01
VR108PP	-1.16E-04	-5.46E-01	-4.78E-02	-4.99E-01	0.00E+00	0.00E+00	-2.92E-01	5.36E-07	3.84E-04	-1.71E-03	0.00E+00	-2.48E-04	1.04E-10	6.47E-09	-8.38E-02	-1.61E+01	0.00E+00	0.00E+00	7.38E-01	-1.15E-01	-1.21E+01	0.00E+00	7.11E-09	-1.05E-08	-6.28E-04	-9.45E-05	-2.33E+00	0.00E+00	-1.21E+01	1.80E-07	-1.21E+01	-1.44E+01	-2.33E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+01
VR108TD	-6.30E-03	-1.16E-01	-1.39E-02	-9.11E-02	0.00E+00	0.00E+00	-5.35E-01	-2.12E-04	7.68E-05	-4.00E-04	0.00E+00	-6.29E-05	-1.38E-09	-4.42E-08	-1.69E-02	-1.22E+01	0.00E+00	0.00E+00	1.44E-02	-3.81E-02	-2.91E+00	0.00E+00	1.27E-08	-8.59E-09	-3.13E-04	-3.21E-05	-1.10E+00	0.00E+00	-2.91E+00	-1.02E-05	-2.91E+00	-4.59E+00	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E+01
VR108TF	-2.23E-03	-8.66E-02	-8.76E-03	-7.07E-02	0.00E+00	0.00E+00	-5.32E-01	-7.32E-05	7.49E-05	-4.08E-04	0.00E+00	-4.93E-05	-5.95E-10	-1.48E-08	-1.56E-02	-6.69E+00	0.00E+00	0.00E+00	4.04E-02	-2.08E-02	-2.26E+00	0.00E+00	1.16E-08	-8.18E-09	-2.52E-04	-2.37E-05	-8.81E-01	0.00E+00	-2.26E+00	-4.61E-06	-2.26E+00	-3.51E+00	-8.81E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
VR108TP	-7.74E-03	-1.20E-01	-1.42E-02	-1.12E-01	0.00E+00	0.00E+00	-5.51E-01	-1.86E-04	7.05E-05	-5.70E-04	0.00E+00	-3.66E-05	-6.85E-10	-4.76E-08	-1.87E-02	-1.31E+01	0.00E+00	0.00E+00	-2.86E-02	-2.75E-02	-3.05E+00	0.00E+00	1.05E-08	-9.04E-09	-3.54E-04	-3.26E-05	-1.11E+00	0.00E+00	-3.05E+00	-1.01E-05	-3.05E+00	-4.60E+00	-1.11E+00	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
VR112NE	-1.24E-03	-1.82E-01	-3.17E-03	-1.79E-01	0.00E+00	0.00E+00	-5.18E-01	-5.06E-05	-1.45E-04	-1.73E-03	0.00E+00	-3.12E-06	-1.40E-09	-5.00E-09	-4.52E-03	-1.02E+00	0.00E+00	0.00E+00	-1.04E+00	-1.44E-03	-1.93E+00	0.00E+00	-8.09E-09	-1.36E-08	-7.97E-04	-1.19E-06	-2.37E-01	0.00E+00	-1.93E+00	-2.73E-06	-1.93E+00	-2.17E+00	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	-4.21E+01
VR112NH	-4.21E-04	-3.09E-02	-8.95E-03	-6.80E-02	0.00E+00	0.00E+00	-6.09E-01	-2.56E-04	1.68E-04	-3.45E-05	0.00E+00	-9.61E-05	-3.60E-09	-1.15E-08	-1.33E-02	-2.03E+00	0.00E+00	0.00E+00	-3.37E-01	-4.13E-02	-2.27E+00	0.00E+00	1.17E-08	-1.54E-08	-8.13E-04	-2.53E-05	-6.15E-01	0.00E+00	-2.27E+00	-1.42E-05	-2.27E+00	-3.71E+00	-6.15E-01	0.00E+00	0.00E+00	0.00E+00	-3.29E+01
VR112PD	-4.51E-03	-9.21E-02	-2.29E-02	-9.11E-02	0.00E+00	0.00E+00	-5.22E-01	-7.13E-05	1.68E-04	4.57E-04	0.00E+00	-1.74E-04	-2.63E-10	-2.43E-08	-1.60E-02	-1.22E+01	0.00E+00	0.00E+00	7.55E-02	-5.89E-02	-3.49E+00	0.00E+00	2.97E-08	-8.55E-09	-2.88E-04	-3.05E-05	-1.08E+00	0.00E+00	-3.49E+00	-7.71E-06	-3.49E+00	-4.95E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
VR112PP	1.87E-04	-5.22E-01	-6.15E-02	-4.60E-01	0.00E+00	0.00E+00	-1.48E-01	2.27E-06	4.32E-04	-1.12E-03	0.00E+00	-3.26E-04	1.83E-10	7.36E-09	-1.05E-01	-1.21E+01	0.00E+00	0.00E+00	1.35E+00	-1.50E-01	-1.43E+01	0.00E+00	2.11E-08	-4.16E-09	-4.88E-04	-1.24E-04	-1.70E+00	0.00E+00	-1.43E+01	9.81E-07	-1.43E+01	-1.60E+01	-1.70E+00	0.00E+00	0.00E+00	0.00E+00	3.63E+01
VR112TD	-4.81E-03	-1.11E-01	-2.09E-02	-9.93E-02	0.00E+00	0.00E+00	-5.23E-01	-1.25E-04	1.61E-04	-2.04E-04	0.00E+00	-1.81E-04	-9.64E-10	-2.84E-08	-1.48E-02	-1.18E+01	0.00E+00	0.00E+00	8.67E-02	-5.95E-02	-3.17E+00	0.00E+00	1.72E-08	-8.55E-09	-3.33E-04	-3.03E-05	-1.16E+00	0.00E+00	-3.17E+00	-8.41E-06	-3.17E+00	-4.92E+00	-1.16E+00	0.00E+00	0.00E+00	0.00E+00	-1.43E+01
VR112TP	-4.54E-03	-8.45E-02	-2.21E-02	-8.76E-02	0.00E+00	0.00E+00	-5.23E-01	-7.16E-05	1.73E-04	2.50E-04	0.00E+00	-1.81E-04	-2.14E-10	-2.29E-08	-1.58E-02	-1.21E+01	0.00E+00	0.00E+00	8.84E-02	-5.95E-02	-3.23E+00	0.00E+00	2.96E-08	-8.55E-09	-3.26E-04	-3.05E-05	-1.10E+00	0.00E+00	-3.23E+00	-7.53E-06	-3.23E+00	-4.93E+00	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
VR118NE	-1.85E-03	-2.68E-01	-4.38E-03	-2.64E-01	0.00E+00	0.00E+00	-7.72E-01	-7.60E-05	-2.17E-04	-2.59E-03	0.00E+00	-3.65E-06	-2.11E-09	-7.51E-09	-6.18E-03	-1.35E+00	0.00E+00	0.00E+00	-1.55E+00	-1.69E-03	-2.82E+00	0.00E+00	-1.19E-08	-2.04E-08	-1.19E-03	-1.39E-06	-3.26E-01	0.00E+00	-2.82E+00	-4.10E-06	-2.82E+00	-3.14E+00	-3.26E-01	0.00E+00	0.00E+00	0.00E+00	-6.31E+01
VR118NH	-2.14E-04	-1.07E-01	-8.61E-03	-5.56E-02	0.00E+00	0.00E+00	-6.21E-01	-4.40E-04	2.21E-04	-4.44E-04	0.00E+00	-1.00E-04	-4.03E-09	-3.91E-08	-1.38E-02	-4.84E+00	0.00E+00	0.00E+00	-4.10E-01	-3.90E-02	-3.25E+00	0.00E+00	1.33E-08	-1.93E-08	-9.41E-04	-2.02E-05	-7.33E-01	0.00E+00	-3.25E+00	-1.99E-05	-3.25E+00	-4.41E+00	-7.33E-01	0.00E+00	0.00E+00	0.00E+00	-3.65E+01
VR118NP	-1.19E-03	-3.96E-02	-1.03E-02	-6.67E-02	0.00E+00	0.00E+00	-4.77E-01	-9.24E-05	5.76E-04	4.66E-04	0.00E+00	-9.34E-05	-8.64E-10	-1.52E-08	-1.41E-02	-6.80E+00	0.00E+00	0.00E+00	2.51E-01	-2.03E-02	-3.30E+00	0.00E+00	2.10E-08	-9.08E-09	-2.07E-04	-1.72E-05	-5.31E-01	0.00E+00	-3.30E+00	-8.68E-06	-3.30E+00	-3.83E+00	-5.31E-01	0.00E+00	0.00E+00	0.00E+00	-9.31E+00
VR118PD	-1.44E-04	-3.28E-02	5.12E-04	-2.29E-02	0.00E+00	0.00E+00	-4.04E-01	-4.49E-05	5.91E-04	4.16E-04	0.00E+00	-1.77E-05	-7.95E-10	-5.06E-09	-1.14E-02	-8.38E+00	0.00E+00	0.00E+00	2.94E-01	-1.13E-02	-1.09E+00	0.00E+00	4.08E-08	-8.02E-09	-1.34E-04	-1.29E-05	-9.18E-01	0.00E+00	-1.09E+00	-2.41E-06	-1.09E+00	-2.68E+00	-9.18E-01	0.00E+00	0.00E+00	0.00E+00	-8.31E+00
VR118PP	4.60E-03	6.08E-01	2.28E-02	5.85E-01	0.00E+00	0.00E+00	4.00E+00	7.65E-06	1.69E-03	7.97E-03	0.00E+00	3.28E-19	6.93E-10	1.96E-08	6.07E-02	-1.16E+01	0.00E+00	0.00E+00	4.05E+00	1.22E-18	1.17E+01	0.00E+00	9.69E-08	3.19E-08	2.29E-03	0.00E+00	-1.13E+00	0.00E+00	1.17E+01	3.28E-06	1.17E+01	1.05E+01	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+02
VR118TP	9.32E-04	3.16E-03	-3.89E-04	-3.61E-02	0.00E+00	0.00E+00	-3.25E-01	-2.95E-05	6.79E-04	1.94E-03	0.00E+00	-5.80E-05	-2.33E-10	-5.44E-09	-9.61E-03	-7.84E+00	0.00E+00	0.00E+00	3.52E-01	-1.78E-02	-1.25E+00	0.00E+00	4.51E-08	-8.15E-09	-1.19E-04	-1.22E-05	-9.49E-01	0.00E+00	-1.25E+00	-2.46E-06	-1.25E+00	-2.34E+00	-9.49E-01	0.00E+00	0.00E+00	0.00E+00	-6.33E+00
VR212NE	4.85E-03	2.32E+00	2.14E-02	2.30E+00	0.00E+00	0.00E+00	3.76E+00	4.90E-06	1.56E-03	1.85E-02	0.00E+00	3.82E-19	7.54E-10	9.11E-09	3.53E-02	1.32E+00	0.00E+00	0.00E+00	2.81E+00	1.42E-18	7.90E+00	0.00E+00	7.53E-08	3.68E-08	4.26E-03	0.00E+00	5.94E-01	0.00E+00	7.90E+00	1.20E-06	7.90E+00	8.49E+00	5.94E-01	0.00E+00	0.00E+00	0.00E+00	9.37E+01
VR212NE1	2.05E-04	-1.77E-01	-5.54E-03	-6.63E-02	0.00E+00	0.00E+00	-1.10E-01	-1.08E-05	6.57E-05	8.42E-05	0.00E+00	-4.11E-05	-6.55E-11	-4.80E-09	-1.47E-02	-1.50E+00	0.00E+00	0.00E+00	-1.21E-02	-2.39E-02	-2.42E+00	0.00E+00	1.49E-08	-7.78E-09	-1.38E-04	-1.59E-05	-3.61E-01	0.00E+00	-2.42E+00	-1.24E-06	-2.42E+00	-3.55E+00	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
VR212NE2	2.14E-04	-9.05E-02	-4.28E-03	-8.01E-02	0.00E+00	0.00E+00	-1.70E-01	-1.96E-05	5.71E-05	-2.30E-04	0.00E+00	-2.67E-05	-8.60E-10	-4.69E-09	-1.44E-02	-1.44E+00	0.00E+00	0.00E+00	-6.21E-03	-9.77E-03	-2.44E+00	0.00E+00	8.89E-09	-8.08E-09	-1.64E-04	-1.12E-05	-1.69E-01	0.00E+00	-2.44E+00	-1.95E-06	-2.44E+00	-3.13E+00	-1.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
VR212NE3	5.48E-04	-1.27E-01	-8.23E-03	-4.98E-02	0.00E+00	0.00E+00	-1.33E-01	-7.17E-05	8.52E-05	8.34E-04	0.00E+00	-5.86E-05	-6.34E-10	-5.41E-09	-1.49E-02	-1.91E+00	0.00E+00	0.00E+00	7.95E-02	-3.80E-02	-2.66E+00	0.00E+00	1.50E-08	-6.82E-09	-5.02E-05	-2.09E-05	-3.44E-01	0.00E+00	-2.66E+00	-1.90E-06	-2.66E+00	-3.80E+00	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+01
VR212NEB	-2.47E-03	-3.60E-01	-6.21E-03	-3.54E-01	0.00E+00	0.00E+00	-1.04E+00	-1.01E-04	-2.90E-04	-3.45E-03	0.00E+00	-6.95E-06	-2.80E-09	-9.99E-09	-8.88E-03	-1.83E+00	0.00E+00	0.00E+00	-2.06E+00	-3.21E-03	-3.84E+00	0.00E+00	-1.58E-08	-2.71E-08	-1.59E-03	-2.65E-06	-4.37E-01	0.00E+00	-3.84E+00	-5.46E-06	-3.84E+00	-4.28E+00	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	-8.39E+01
VR212NH	-1.36E-02	-1.51E-01	-8.43E-03	-1.03E-01	0.00E+00	0.00E+00	-1.24E+00	-7.23E-04	1.56E-04	-1.47E-03	0.00E+00	-1.61E-04	-3.81E-09	-5.90E-08	-2.41E-02	-5.36E+00	0.00E+00	0.00E+00	-5.86E-01	-6.43E-02	-2.81E+00	0.00E+00	1.50E-08	-3.89E-08	-1.84E-03	-2.60E-05	-1.09E+00	0.00E+00	-2.81E+00	-2.94E-05	-2.81E+00	-4.28E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-6.06E+01
VR212NH1	1.98E-04	-1.77E-01	-5.54E-03	-6.63E-02	0.00E+00	0.00E+00	-1.10E-01	-1.08E-05	6.57E-05	8.42E-05	0.00E+00	-4.26E-05	-6.51E-11	-4.80E-09	-1.50E-02	-1.83E+00	0.00E+00	0.00E+00	-1.21E-02	-2.39E-02	-2.42E+00	0.00E+00	1.52E-08	-7.78E-09	-1.38E-04	-1.59E-05	-3.68E-01	0.00E+00	-2.42E+00	-1.24E-06	-2.42E+00	-3.55E+00	-3.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
VR212PD	-1.15E-02	-2.03E-01	-8.25E-02	-4.53E-01	0.00E+00	0.00E+00	-7.82E-01	-8.84E-04	2.52E-05	3.11E-04	0.00E+00	-1.72E-04	-2.12E-09	-8.74E-08	-7.32E-02	-2.07E+01	0.00E+00	0.00E+00	-1.53E-01	-8.10E-02	-1.20E+01	0.00E+00	1.98E-08	-1.52E-08	-1.03E-03	-1.54E-04	-1.77E+00	0.00E+00	-1.20E+01	-1.35E-05	-1.20E+01	-1.35E+01	-1.77E+00	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
VR212PDM	-1.42E-03	-6.52E-03	-5.09E-02	-2.73E-01	0.00E+00	0.00E+00	-6.52E-01	-3.86E-04	-1.10E-05	1.59E-03	0.00E+00	-1.60E-04	-1.14E-09	-1.50E-08	-7.55E-02	-8.43E+00	0.00E+00	0.00E+00	3.26E-02	-1.22E-01	-6.62E+00	0.00E+00	2.91E-08	-8.86E-09	-2.71E-04	-1.01E-04	-9.53E-01	0.00E+00	-6.62E+00	-4.93E-06	-6.62E+00	-8.88E+00	-9.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+01
VR212PP	-1.63E-02	-1.97E+00	-1.49E-01	-1.82E+00	0.00E+00	0.00E+00	-7.68E+00	-1.23E-03	-1.43E-03	-1.70E-02	0.00E+00	-6.72E-04	-4.48E-09	-1.47E-07	-2.51E-01	-2.76E+01	0.00E+00	0.00E+00	-4.45E+00	-3.11E-01	-4.04E+01	0.00E+00	-2.86E-08	-8.18E-08	-5.88E-03	-2.56E-04	-4.49E+00	0.00E+00	-4.04E+01	-4.61E-05	-4.04E+01	-4.49E+01	-4.49E+00	0.00E+00	0.00E+00	0.00E+00	-2.12E+02
VR212PPC	-1.12E-02	-1.14E-01	-8.27E-02	-4.43E-01	0.00E+00	0.00E+00	-7.59E-01	-8.14E-04	1.48E-05	1.47E-03	0.00E+00	-1.81E-04	-1.24E-09	-7.89E-08	-7.83E-02	-2.12E+01	0.00E+00	0.00E+00	-1.33E-01	-7.46E-02	-1.12E+01	0.00E+00	2.79E-08	-1.45E-08	-8.61E-04	-1.45E-04	-1.83E+00	0.00E+00	-1.12E+01	-1.34E-05	-1.12E+01	-1.22E+01	-1.83E+00	0.00E+00	0.00E+00	0.00E+00	-2.07E+01
VR212PPH	-2.25E-02	-4.09E-01	-8.16E-02	-5.28E-01	0.00E+00	0.00E+00	-1.88E+00	-1.28E-03	-8.04E-05	-1.80E-03	0.00E+00	-2.49E-04	-3.65E-09	-1.29E-07	-7.86E-02	-2.46E+01	0.00E+00	0.00E+00	-1.16E+00	-9.43E-02	-1.18E+01	0.00E+00	2.79E-08	-6.37E-08	-4.44E-03	-1.46E-04	-2.81E+00	0.00E+00	-1.18E+01	-6.50E-05	-1.18E+01	-1.38E+01	-2.81E+00	0.00E+00	0.00E+00	0.00E+00	-9.47E+01
VR212TD	-9.29E-03	1.43E-02	-1.49E-02	-2.09E-01	0.00E+00	0.00E+00	-2.70E-01	-4.46E-04	2.62E-04	2.82E-03	0.00E+00	-9.18E-05	-6.64E-10	-6.26E-08	-1.18E-02	-1.81E+01	0.00E+00	0.00E+00	1.08E-01	-4.26E-02	-2.68E+00	0.00E+00	5.05E-08	-1.25E-08	-4.12E-04	-2.51E-05	-3.19E+00	0.00E+00	-2.68E+00	-7.91E-06	-2.68E+00	-3.11E+00	-3.19E+00	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
VR212TF	-4.80E-03	3.92E-02	-1.20E-02	-7.46E-02	0.00E+00	0.00E+00	-3.15E-01	-2.39E-04	2.36E-04	2.28E-03	0.00E+00	-9.37E-05	-6.99E-10	-3.73E-08	-1.43E-02	-1.56E+01	0.00E+00	0.00E+00	8.04E-02	-4.71E-02	-2.55E+00	0.00E+00	4.23E-08	-1.02E-08	-4.17E-04	-1.61E-05	-3.07E+00	0.00E+00	-2.55E+00	-7.68E-06	-2.55E+00	-4.11E+00	-3.07E+00	0.00E+00	0.00E+00	0.00E+00	-1.16E+01
VS104PD	6.15E-04	-5.68E-02	-8.54E-03	-3.67E-02	0.00E+00	0.00E+00	-5.53E-01	-8.14E-05	8.14E-05	5.32E-05	0.00E+00	-5.28E-05	-2.51E-12	-3.13E-09	-1.41E-02	-6.25E-01	0.00E+00	0.00E+00	4.01E-02	-3.18E-02	-2.39E+00	0.00E+00	1.60E-08	-7.16E-09	-1.26E-04	-1.49E-05	-8.97E-03	0.00E+00	-2.39E+00	-6.10E-07	-2.39E+00	-2.88E+00	-8.97E-03	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
VS104PE	1.30E-03	6.52E-01	7.58E-03	6.44E-01	0.00E+00	0.00E+00	6.87E-01	-5.22E-05	4.80E-04	5.61E-03	0.00E+00	1.49E-19	1.10E-10	-4.18E-09	2.36E-02	4.62E-02	0.00E+00	0.00E+00	1.02E+00	5.70E-19	4.62E+00	0.00E+00	4.14E-08	1.55E-08	1.39E-03	0.00E+00	1.71E-01	0.00E+00	4.62E+00	-7.00E-07	4.62E+00	4.79E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
VS104PEB	-8.47E-04	-4.14E-01	-3.69E-02	-3.78E-01	0.00E+00	0.00E+00	-1.00E+00	-8.98E-07	-1.73E-04	-1.92E-03	0.00E+00	-1.73E-04	-5.88E-11	-1.27E-09	-6.28E-02	-6.89E+00	0.00E+00	0.00E+00	-7.21E-02	-7.97E-02	-9.30E+00	0.00E+00	-2.52E-09	-8.83E-09	-6.49E-04	-6.57E-05	-1.07E+00	0.00E+00	-9.30E+00	-1.48E-08	-9.30E+00	-1.04E+01	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-8.75E+00
VS104PF	6.05E-04	-6.41E-02	-8.40E-03	-4.11E-02	0.00E+00	0.00E+00	-5.53E-01	-8.35E-05	7.96E-05	5.32E-05	0.00E+00	-5.20E-05	-2.24E-11	-3.13E-09	-1.42E-02	-6.13E-01	0.00E+00	0.00E+00	4.01E-02	-3.12E-02	-2.48E+00	0.00E+00	1.55E-08	-7.16E-09	-1.48E-04	-1.49E-05	4.17E-04	0.00E+00	-2.48E+00	-6.10E-07	-2.48E+00	-2.93E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
VS104PJ	-2.67E-04	-7.20E-02	-8.13E-03	-6.88E-02	0.00E+00	0.00E+00	-5.53E-01	-5.11E-05	7.43E-05	-1.89E-04	0.00E+00	-5.95E-05	-5.56E-11	-3.13E-09	-1.50E-02	-1.10E+00	0.00E+00	0.00E+00	3.80E-02	-2.99E-02	-2.42E+00	0.00E+00	9.89E-09	-7.27E-09	-1.48E-04	-1.66E-05	-5.91E-01	0.00E+00	-2.42E+00	-6.68E-07	-2.42E+00	-3.39E+00	-5.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
VS104PP	7.06E-04	6.15E-01	7.38E-03	6.07E-01	0.00E+00	0.00E+00	5.87E-01	-1.06E-04	4.36E-04	5.06E-03	0.00E+00	1.46E-19	4.59E-11	-1.04E-08	2.33E-02	-1.10E-01	0.00E+00	0.00E+00	9.30E-01	5.57E-19	4.53E+00	0.00E+00	4.05E-08	1.41E-08	1.24E-03	0.00E+00	1.46E-01	0.00E+00	4.53E+00	-2.63E-06	4.53E+00	4.67E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+01
VS104PR	-1.06E-03	-9.15E-02	-6.39E-03	-1.77E-01	0.00E+00	0.00E+00	-4.87E-01	-6.90E-05	4.77E-05	-5.10E-04	0.00E+00	-3.31E-05	-3.18E-10	-3.91E-09	-1.92E-02	-9.85E+00	0.00E+00	0.00E+00	4.36E-02	-2.70E-02	-2.25E+00	0.00E+00	1.45E-08	-1.05E-08	-2.58E-04	-1.45E-05	-1.31E+00	0.00E+00	-2.25E+00	-1.66E-06	-2.25E+00	-4.30E+00	-1.31E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
VS104PY	-3.46E-04	-5.66E-02	-7.64E-03	-6.84E-02	0.00E+00	0.00E+00	-5.63E-01	-7.24E-05	9.27E-05	-7.23E-05	0.00E+00	-5.68E-05	-2.30E-10	-6.16E-09	-1.48E-02	-1.42E+00	0.00E+00	0.00E+00	2.95E-02	-2.81E-02	-2.37E+00	0.00E+00	1.16E-08	-7.27E-09	-1.31E-04	-1.65E-05	-6.00E-01	0.00E+00	-2.37E+00	-3.32E-06	-2.37E+00	-3.40E+00	-6.00E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+01
VS104TD	8.50E-04	-7.77E-02	-3.17E-03	-5.44E-02	0.00E+00	0.00E+00	-4.96E-01	-6.65E-05	6.58E-05	-5.04E-05	0.00E+00	-1.54E-05	-2.12E-11	-4.83E-09	-1.17E-02	-2.16E+00	0.00E+00	0.00E+00	8.44E-02	-1.82E-02	-1.62E+00	0.00E+00	1.72E-08	-7.13E-09	-1.45E-04	-7.56E-06	-3.44E-01	0.00E+00	-1.62E+00	-6.95E-07	-1.62E+00	-2.84E+00	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+01
VS104TE	9.72E-04	-7.52E-02	-3.75E-03	-3.83E-02	0.00E+00	0.00E+00	-4.96E-01	-5.16E-05	7.75E-05	-1.22E-04	0.00E+00	-1.53E-05	7.74E-11	-3.35E-09	-1.19E-02	-1.97E+00	0.00E+00	0.00E+00	8.24E-02	-1.95E-02	-1.65E+00	0.00E+00	1.79E-08	-6.91E-09	-1.36E-04	-7.25E-06	-3.84E-01	0.00E+00	-1.65E+00	-4.49E-07	-1.65E+00	-2.67E+00	-3.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
VS104TF	8.90E-04	-7.77E-02	-3.76E-03	-5.36E-02	0.00E+00	0.00E+00	-4.96E-01	-4.65E-05	6.63E-05	-1.54E-04	0.00E+00	-1.57E-05	-4.80E-12	-3.64E-09	-1.19E-02	-1.90E+00	0.00E+00	0.00E+00	8.44E-02	-1.92E-02	-1.62E+00	0.00E+00	1.65E-08	-7.13E-09	-1.45E-04	-7.56E-06	-3.26E-01	0.00E+00	-1.62E+00	-4.82E-07	-1.62E+00	-2.84E+00	-3.26E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
VS104TJ	4.32E-04	-8.56E-02	-3.48E-03	-6.72E-02	0.00E+00	0.00E+00	-4.96E-01	-3.67E-05	6.29E-05	-2.97E-04	0.00E+00	-1.51E-05	-6.48E-12	-3.64E-09	-1.24E-02	-2.20E+00	0.00E+00	0.00E+00	8.24E-02	-1.79E-02	-1.62E+00	0.00E+00	1.20E-08	-7.13E-09	-1.45E-04	-7.72E-06	-6.37E-01	0.00E+00	-1.62E+00	-4.65E-07	-1.62E+00	-3.05E+00	-6.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
VS104TM	8.20E-04	-7.77E-02	-3.80E-03	-4.15E-02	0.00E+00	0.00E+00	-4.96E-01	-6.10E-05	6.81E-05	-1.07E-04	0.00E+00	-1.51E-05	1.57E-11	-3.35E-09	-1.18E-02	-2.04E+00	0.00E+00	0.00E+00	8.44E-02	-1.95E-02	-1.66E+00	0.00E+00	1.78E-08	-7.13E-09	-1.45E-04	-7.56E-06	-3.47E-01	0.00E+00	-1.66E+00	-4.88E-07	-1.66E+00	-2.70E+00	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
VS104TR	-1.06E-03	-9.15E-02	-5.66E-03	-1.90E-01	0.00E+00	0.00E+00	-4.87E-01	-6.62E-05	4.59E-05	-4.77E-04	0.00E+00	-3.31E-05	-4.96E-10	-3.91E-09	-1.85E-02	-9.28E+00	0.00E+00	0.00E+00	4.36E-02	-2.60E-02	-2.21E+00	0.00E+00	1.42E-08	-1.05E-08	-2.55E-04	-1.37E-05	-1.12E+00	0.00E+00	-2.21E+00	-1.66E-06	-2.21E+00	-4.31E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-1.52E+01
VS108PD	-4.20E-04	-5.86E-02	-1.29E-02	-3.15E-02	0.00E+00	0.00E+00	-5.55E-01	-4.79E-05	9.54E-05	1.69E-04	0.00E+00	-1.24E-04	-6.62E-11	-6.36E-09	-1.94E-02	-7.95E+00	0.00E+00	0.00E+00	5.46E-02	-5.61E-02	-2.62E+00	0.00E+00	1.75E-08	-7.75E-09	-1.20E-04	-2.35E-05	-7.89E-01	0.00E+00	-2.62E+00	-1.70E-06	-2.62E+00	-4.38E+00	-7.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
VS108PE	2.33E-03	8.06E-01	9.58E-03	7.96E-01	0.00E+00	0.00E+00	9.73E-01	-2.72E-06	6.79E-04	7.27E-03	0.00E+00	1.86E-19	9.99E-11	2.86E-09	2.99E-02	5.65E-01	0.00E+00	0.00E+00	1.35E+00	7.13E-19	5.82E+00	0.00E+00	5.24E-08	2.01E-08	1.79E-03	0.00E+00	2.89E-01	0.00E+00	5.82E+00	1.35E-06	5.82E+00	6.10E+00	2.89E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
VS108PEB	-1.10E-03	-5.35E-01	-4.75E-02	-4.87E-01	0.00E+00	0.00E+00	-1.29E+00	-1.17E-06	-2.23E-04	-2.48E-03	0.00E+00	-2.22E-04	-7.62E-11	-1.64E-09	-8.09E-02	-8.88E+00	0.00E+00	0.00E+00	-9.92E-02	-1.03E-01	-1.20E+01	0.00E+00	-3.43E-09	-1.15E-08	-8.40E-04	-8.45E-05	-1.38E+00	0.00E+00	-1.20E+01	-3.03E-08	-1.20E+01	-1.34E+01	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	-1.15E+01
VS108PF	-3.94E-04	-5.86E-02	-1.33E-02	-2.55E-02	0.00E+00	0.00E+00	-5.55E-01	-2.98E-05	9.72E-05	2.16E-04	0.00E+00	-1.26E-04	-7.71E-11	-3.75E-09	-1.98E-02	-8.11E+00	0.00E+00	0.00E+00	5.46E-02	-5.70E-02	-2.62E+00	0.00E+00	1.74E-08	-7.75E-09	-1.20E-04	-2.16E-05	-9.15E-01	0.00E+00	-2.62E+00	-1.32E-06	-2.62E+00	-4.41E+00	-9.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
VS108PJ	-4.27E-04	-5.86E-02	-1.33E-02	-2.83E-02	0.00E+00	0.00E+00	-5.55E-01	-2.73E-05	9.72E-05	1.74E-04	0.00E+00	-1.26E-04	-8.33E-11	-3.75E-09	-1.98E-02	-8.08E+00	0.00E+00	0.00E+00	5.46E-02	-5.68E-02	-2.62E+00	0.00E+00	1.74E-08	-7.75E-09	-1.20E-04	-2.16E-05	-8.91E-01	0.00E+00	-2.62E+00	-1.35E-06	-2.62E+00	-4.38E+00	-8.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
VS108PM	-2.30E-04	-5.66E-02	-1.35E-02	-2.04E-02	0.00E+00	0.00E+00	-5.55E-01	-1.86E-05	1.07E-04	4.80E-04	0.00E+00	-1.25E-04	-5.90E-11	-3.69E-09	-1.98E-02	-8.23E+00	0.00E+00	0.00E+00	5.62E-02	-5.62E-02	-2.61E+00	0.00E+00	2.48E-08	-7.65E-09	-1.14E-04	-2.10E-05	-9.47E-01	0.00E+00	-2.61E+00	-1.18E-06	-2.61E+00	-4.46E+00	-9.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
VS108PP	-7.53E-04	-4.64E-01	-4.60E-02	-4.18E-01	0.00E+00	0.00E+00	-1.00E+00	-6.80E-07	-5.31E-05	-1.89E-03	0.00E+00	-2.22E-04	-2.22E-11	3.26E-10	-7.88E-02	-8.79E+00	0.00E+00	0.00E+00	1.25E-01	-1.03E-01	-1.15E+01	0.00E+00	5.11E-10	-9.54E-09	-6.86E-04	-8.45E-05	-1.34E+00	0.00E+00	-1.15E+01	4.39E-08	-1.15E+01	-1.29E+01	-1.34E+00	0.00E+00	0.00E+00	0.00E+00	-3.56E+00
VS108PR	-9.47E-05	4.02E-01	-5.78E-03	2.53E-02	0.00E+00	0.00E+00	-3.10E-01	-5.17E-05	8.30E-05	6.16E-04	0.00E+00	-3.65E-05	-5.38E-10	-6.28E-09	-1.77E-02	-1.37E+01	0.00E+00	0.00E+00	7.62E-02	-2.88E-02	-1.84E+00	0.00E+00	1.93E-08	-9.12E-09	-3.54E-05	-1.96E-05	-2.54E+00	0.00E+00	-1.84E+00	-1.86E-06	-1.84E+00	-4.43E+00	-2.54E+00	0.00E+00	0.00E+00	0.00E+00	-1.30E+01
VS108PT	-3.04E-02	-2.45E-02	-1.78E-03	-2.27E-02	0.00E+00	0.00E+00	-7.16E+00	-3.12E-03	-1.17E-03	-1.54E-02	0.00E+00	1.18E-19	-4.27E-09	-3.66E-07	1.62E-02	-2.69E+00	0.00E+00	0.00E+00	-5.23E+00	4.50E-19	1.34E+00	0.00E+00	2.22E-08	-4.99E-08	-4.47E-03	0.00E+00	-4.73E-01	0.00E+00	1.34E+00	-1.11E-04	1.34E+00	8.64E-01	-4.73E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+02
VS108PY	-7.17E-04	-6.32E-02	-1.28E-02	-4.56E-02	0.00E+00	0.00E+00	-5.66E-01	-4.50E-05	1.11E-04	-3.07E-05	0.00E+00	-1.21E-04	-1.29E-10	-5.79E-09	-2.03E-02	-8.34E+00	0.00E+00	0.00E+00	4.39E-02	-5.51E-02	-2.56E+00	0.00E+00	1.34E-08	-7.82E-09	-1.43E-04	-2.18E-05	-1.06E+00	0.00E+00	-2.56E+00	-3.97E-06	-2.56E+00	-4.42E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
VS108TA	1.40E-04	-6.91E-02	-3.39E-03	-7.68E-03	0.00E+00	0.00E+00	-3.60E-01	-2.39E-05	7.40E-05	7.01E-04	0.00E+00	-3.21E-05	-4.21E-11	-3.90E-09	-1.58E-02	-9.80E+00	0.00E+00	0.00E+00	1.22E-01	-3.08E-02	-1.50E+00	0.00E+00	3.06E-08	-7.39E-09	-7.62E-05	-1.08E-05	-2.00E+00	0.00E+00	-1.50E+00	-4.90E-07	-1.50E+00	-4.32E+00	-2.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
VS108TD	3.35E-06	-7.63E-02	-3.72E-03	-1.19E-02	0.00E+00	0.00E+00	-3.65E-01	-3.25E-05	7.69E-05	2.88E-04	0.00E+00	-3.54E-05	-4.64E-11	-3.90E-09	-1.61E-02	-9.96E+00	0.00E+00	0.00E+00	1.22E-01	-3.09E-02	-1.57E+00	0.00E+00	2.84E-08	-7.39E-09	-9.32E-05	-1.08E-05	-2.07E+00	0.00E+00	-1.57E+00	-5.91E-07	-1.57E+00	-4.24E+00	-2.07E+00	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
VS108TE	1.78E-03	-2.94E-02	-2.43E-03	1.18E-02	0.00E+00	0.00E+00	-3.65E-01	-2.10E-05	9.60E-05	7.09E-04	0.00E+00	-1.92E-05	4.53E-11	-3.77E-09	-1.11E-02	-3.98E+00	0.00E+00	0.00E+00	1.20E-01	-2.37E-02	-1.29E+00	0.00E+00	3.08E-08	-6.53E-09	-4.82E-05	-9.21E-06	-1.53E+00	0.00E+00	-1.29E+00	-1.79E-07	-1.29E+00	-2.94E+00	-1.53E+00	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
VS108TF	-2.00E-04	-7.18E-02	-3.78E-03	-2.82E-02	0.00E+00	0.00E+00	-3.65E-01	-4.20E-05	6.09E-05	1.93E-04	0.00E+00	-3.54E-05	-6.74E-11	-4.24E-09	-1.62E-02	-1.01E+01	0.00E+00	0.00E+00	1.20E-01	-3.14E-02	-1.57E+00	0.00E+00	1.78E-08	-7.50E-09	-1.20E-04	-1.08E-05	-1.91E+00	0.00E+00	-1.57E+00	-1.08E-06	-1.57E+00	-4.30E+00	-1.91E+00	0.00E+00	0.00E+00	0.00E+00	-1.15E+01
VS108TJ	2.24E-05	-6.91E-02	-3.39E-03	-9.77E-03	0.00E+00	0.00E+00	-3.60E-01	-2.41E-05	7.40E-05	6.35E-04	0.00E+00	-3.21E-05	-4.06E-11	-3.90E-09	-1.58E-02	-9.85E+00	0.00E+00	0.00E+00	1.22E-01	-3.08E-02	-1.51E+00	0.00E+00	3.04E-08	-7.39E-09	-7.62E-05	-1.08E-05	-2.02E+00	0.00E+00	-1.51E+00	-4.90E-07	-1.51E+00	-4.32E+00	-2.02E+00	0.00E+00	0.00E+00	0.00E+00	-1.10E+01
VS108TM	4.18E-06	-7.63E-02	-3.53E-03	-1.40E-02	0.00E+00	0.00E+00	-3.65E-01	-3.30E-05	7.69E-05	2.22E-04	0.00E+00	-3.54E-05	-4.64E-11	-3.90E-09	-1.61E-02	-9.84E+00	0.00E+00	0.00E+00	1.22E-01	-3.09E-02	-1.57E+00	0.00E+00	2.84E-08	-7.39E-09	-9.32E-05	-1.08E-05	-2.07E+00	0.00E+00	-1.57E+00	-5.91E-07	-1.57E+00	-4.24E+00	-2.07E+00	0.00E+00	0.00E+00	0.00E+00	-1.15E+01
VS108TP	1.30E-04	-6.75E-02	-3.39E-03	-7.68E-03	0.00E+00	0.00E+00	-3.60E-01	-2.56E-05	7.79E-05	6.13E-04	0.00E+00	-3.21E-05	-4.51E-11	-3.90E-09	-1.59E-02	-9.71E+00	0.00E+00	0.00E+00	1.22E-01	-3.06E-02	-1.50E+00	0.00E+00	3.04E-08	-7.39E-09	-9.32E-05	-1.08E-05	-2.00E+00	0.00E+00	-1.50E+00	-5.10E-07	-1.50E+00	-4.23E+00	-2.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
VS108TR	-6.53E-05	4.02E-01	-6.13E-03	4.22E-02	0.00E+00	0.00E+00	-3.10E-01	-4.85E-05	8.61E-05	6.54E-04	0.00E+00	-3.62E-05	-3.52E-10	-3.62E-09	-1.88E-02	-1.39E+01	0.00E+00	0.00E+00	7.62E-02	-2.97E-02	-1.84E+00	0.00E+00	2.12E-08	-9.12E-09	-3.54E-05	-2.05E-05	-3.01E+00	0.00E+00	-1.84E+00	-1.47E-06	-1.84E+00	-4.41E+00	-3.01E+00	0.00E+00	0.00E+00	0.00E+00	-1.30E+01
VS108TS	-4.63E-04	3.23E-01	-7.17E-03	2.86E-02	0.00E+00	0.00E+00	-3.10E-01	-7.11E-05	7.84E-05	5.54E-04	0.00E+00	-3.86E-05	-3.70E-10	-6.91E-09	-1.74E-02	-1.31E+01	0.00E+00	0.00E+00	1.52E-01	-3.28E-02	-1.73E+00	0.00E+00	2.21E-08	-9.12E-09	-3.54E-05	-2.14E-05	-2.20E+00	0.00E+00	-1.73E+00	-2.07E-06	-1.73E+00	-4.30E+00	-2.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.30E+01
VS112PA	-1.96E-03	7.85E-02	-1.72E-02	-2.71E-02	0.00E+00	0.00E+00	-5.43E-01	-9.41E-05	1.67E-04	1.36E-03	0.00E+00	-1.46E-04	-6.30E-10	-2.87E-09	-2.06E-02	-1.21E+01	0.00E+00	0.00E+00	6.75E-02	-7.59E-02	-9.97E-01	0.00E+00	3.10E-08	-8.41E-09	-8.02E-05	-3.91E-05	-1.53E+00	0.00E+00	-9.97E-01	-4.34E-06	-9.97E-01	-8.63E-01	-1.53E+00	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
VS112PD	-3.10E-03	-2.78E-01	-7.48E-02	-2.03E-01	0.00E+00	0.00E+00	-2.73E+00	-2.38E-04	-8.74E-05	-7.71E-04	0.00E+00	-3.61E-04	-1.81E-09	-2.82E-08	-1.27E-01	-1.48E+01	0.00E+00	0.00E+00	-1.27E+00	-1.67E-01	-1.97E+01	0.00E+00	4.79E-09	-2.71E-08	-1.16E-03	-1.37E-04	-2.33E+00	0.00E+00	-1.97E+01	-9.46E-06	-1.97E+01	-2.20E+01	-2.33E+00	0.00E+00	0.00E+00	0.00E+00	-7.00E+01
VS112PE	2.70E-03	6.07E-01	1.45E-02	5.92E-01	0.00E+00	0.00E+00	2.35E+00	4.92E-06	6.30E-04	6.50E-03	0.00E+00	2.44E-19	4.29E-10	6.05E-09	4.65E-02	1.92E-01	0.00E+00	0.00E+00	2.65E+00	9.15E-19	8.93E+00	0.00E+00	7.47E-08	2.78E-08	1.81E-03	0.00E+00	4.02E-01	0.00E+00	8.93E+00	2.64E-06	8.93E+00	9.33E+00	4.02E-01	0.00E+00	0.00E+00	0.00E+00	7.41E+01
VS112PEB	5.02E-06	-1.24E-03	-6.80E-02	6.68E-02	0.00E+00	0.00E+00	-6.73E-01	-4.17E-08	2.15E-04	2.84E-03	0.00E+00	-3.57E-04	1.59E-10	7.56E-10	-1.17E-01	-1.39E+01	0.00E+00	0.00E+00	8.89E-01	-1.65E-01	-1.64E+01	0.00E+00	2.20E-08	-5.15E-09	2.11E-04	-1.36E-04	-2.00E+00	0.00E+00	-1.64E+01	3.28E-07	-1.64E+01	-1.84E+01	-2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+01
VS112PF	-2.34E-03	3.20E-02	-1.86E-02	-3.11E-02	0.00E+00	0.00E+00	-5.49E-01	-1.14E-04	1.46E-04	5.25E-04	0.00E+00	-1.46E-04	-6.02E-10	-5.79E-09	-2.52E-02	-1.13E+01	0.00E+00	0.00E+00	8.08E-02	-7.75E-02	-2.72E+00	0.00E+00	1.72E-08	-8.51E-09	-1.32E-04	-4.12E-05	-1.42E+00	0.00E+00	-2.72E+00	-4.93E-06	-2.72E+00	-3.30E+00	-1.42E+00	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
VS112PJ	-1.22E-03	8.67E-02	-1.44E-02	-1.74E-02	0.00E+00	0.00E+00	-5.39E-01	-1.00E-04	1.86E-04	1.14E-03	0.00E+00	-1.22E-04	-5.94E-10	-2.93E-09	-2.02E-02	-1.17E+01	0.00E+00	0.00E+00	1.11E-01	-6.72E-02	-9.31E-01	0.00E+00	2.34E-08	-8.47E-09	-1.03E-04	-4.19E-05	-1.58E+00	0.00E+00	-9.31E-01	-3.80E-06	-9.31E-01	-8.36E-01	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
VS112PM	-2.34E-03	3.20E-02	-1.87E-02	-3.11E-02	0.00E+00	0.00E+00	-5.49E-01	-1.02E-04	1.46E-04	5.16E-04	0.00E+00	-1.46E-04	-6.24E-10	-3.18E-09	-2.55E-02	-1.17E+01	0.00E+00	0.00E+00	8.08E-02	-7.65E-02	-2.72E+00	0.00E+00	1.68E-08	-8.51E-09	-1.32E-04	-3.93E-05	-1.57E+00	0.00E+00	-2.72E+00	-4.66E-06	-2.72E+00	-3.36E+00	-1.57E+00	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
VS112PP	-1.64E-02	5.06E-01	1.24E-02	4.94E-01	0.00E+00	0.00E+00	-1.92E+00	-1.93E-03	-2.29E-04	-3.82E-03	0.00E+00	2.69E-19	-1.89E-09	-2.20E-07	4.73E-02	-1.37E+00	0.00E+00	0.00E+00	-5.60E-01	1.00E-18	8.74E+00	0.00E+00	7.66E-08	-3.44E-09	-1.09E-03	0.00E+00	9.98E-02	0.00E+00	8.74E+00	-5.25E-05	8.74E+00	8.84E+00	9.98E-02	0.00E+00	0.00E+00	0.00E+00	-6.66E+01
VS112PR	1.97E-03	5.61E-01	-9.49E-04	-3.44E-02	0.00E+00	0.00E+00	-2.46E-01	-8.08E-05	1.32E-03	2.42E-03	0.00E+00	-2.27E-05	-5.11E-10	-1.33E-10	-4.51E-03	-2.41E+01	0.00E+00	0.00E+00	2.25E-01	-2.84E-02	8.49E-01	0.00E+00	5.44E-08	-6.90E-09	4.87E-04	-1.58E-05	-3.13E+00	0.00E+00	8.49E-01	-4.55E-06	8.49E-01	-4.47E-01	-3.13E+00	0.00E+00	0.00E+00	0.00E+00	-9.61E+00
VS112PS	6.32E-03	1.51E+00	2.55E-02	1.48E+00	0.00E+00	0.00E+00	3.90E+00	7.63E-06	2.42E-03	1.39E-02	0.00E+00	3.84E-19	7.40E-10	2.13E-08	6.24E-02	1.84E+00	0.00E+00	0.00E+00	4.18E+00	1.45E-18	1.29E+01	0.00E+00	1.11E-07	4.72E-08	3.66E-03	0.00E+00	8.40E-01	0.00E+00	1.29E+01	3.53E-06	1.29E+01	1.38E+01	8.40E-01	0.00E+00	0.00E+00	0.00E+00	1.28E+02

VS112PY	-3.43E-03	7.93E-02	-1.87E-02	-2.84E-02	0.00E+00	0.00E+00	-5.54E-01	-1.48E-04	1.61E-04	1.01E-03	0.00E+00	-1.38E-04	-9.86E-10	-1.77E-08	-2.45E-02	-1.24E+01	0.00E+00	0.00E+00
VS112TA	7.79E-04	4.28E-02	2.61E-03	-1.18E-02	0.00E+00	0.00E+00	-3.82E-01	-8.43E-05	1.83E-04	1.83E-03	0.00E+00	-2.97E-05	-2.01E-10	-2.48E-09	-6.98E-03	-2.25E+01	0.00E+00	0.00E+00
VS112TD	8.28E-04	5.63E-02	1.69E-03	-8.38E-03	0.00E+00	0.00E+00	-3.87E-01	-1.06E-04	1.80E-04	1.50E-03	0.00E+00	-2.94E-05	-2.68E-10	-1.98E-09	-7.36E-03	-2.31E+01	0.00E+00	0.00E+00
VS112TE	2.71E-03	9.03E-02	4.17E-03	-1.47E-04	0.00E+00	0.00E+00	-3.82E-01	-5.96E-05	2.07E-04	1.91E-03	0.00E+00	-2.15E-05	-2.69E-11	-2.45E-09	-3.92E-03	-7.88E+00	0.00E+00	0.00E+00
VS112TF	4.70E-04	-6.41E-03	1.48E-03	-1.22E-02	0.00E+00	0.00E+00	-3.87E-01	-7.44E-05	1.78E-04	1.20E-03	0.00E+00	-3.15E-05	-2.08E-10	-2.47E-09	-9.52E-03	-2.25E+01	0.00E+00	0.00E+00
VS112TJ	4.01E-04	3.33E-02	2.61E-03	-3.89E-02	0.00E+00	0.00E+00	-3.87E-01	-1.20E-04	1.77E-04	1.26E-03	0.00E+00	-3.04E-05	-7.37E-10	-6.61E-09	-7.05E-03	-2.30E+01	0.00E+00	0.00E+00
VS112TM	4.87E-04	3.33E-02	2.16E-03	-1.26E-02	0.00E+00	0.00E+00	-3.87E-01	-7.98E-05	1.83E-04	1.28E-03	0.00E+00	-3.04E-05	-2.28E-10	-2.53E-09	-7.69E-03	-2.27E+01	0.00E+00	0.00E+00
VS112TP	4.59E-03	6.81E-01	1.87E-02	6.62E-01	0.00E+00	0.00E+00	2.99E+00	3.53E-06	2.05E-03	9.49E-03	0.00E+00	2.91E-19	4.89E-10	1.85E-08	4.01E-02	-3.64E+01	0.00E+00	0.00E+00
VS112TR	1.87E-03	5.70E-01	-9.49E-04	-3.16E-02	0.00E+00	0.00E+00	-2.51E-01	-8.05E-05	1.32E-03	2.13E-03	0.00E+00	-2.34E-05	-5.11E-10	-1.33E-10	-4.31E-03	-2.43E+01	0.00E+00	0.00E+00
VS112TS	2.17E-03	5.22E-01	-7.25E-04	-6.95E-02	0.00E+00	0.00E+00	-2.51E-01	-1.30E-04	1.32E-03	2.12E-03	0.00E+00	-2.76E-05	-9.64E-10	-3.90E-09	-3.32E-03	-2.33E+01	0.00E+00	0.00E+00
VS112TY	8.19E-04	6.85E-02	2.77E-03	-1.30E-02	0.00E+00	0.00E+00	-3.92E-01	-8.92E-05	2.13E-04	2.07E-03	0.00E+00	-2.40E-05	-4.22E-10	-7.14E-09	-5.90E-03	-2.29E+01	0.00E+00	0.00E+00
VS118PA	-3.29E-03	-1.66E-02	-4.80E-02	-1.87E-01	0.00E+00	0.00E+00	-6.48E-01	-1.68E-03	2.58E-04	8.68E-04	0.00E+00	-2.36E-04	-2.92E-10	-6.68E-08	-5.15E-02	-1.88E+01	0.00E+00	0.00E+00
VS118PD	1.85E-03	1.93E+00	2.73E-02	1.90E+00	0.00E+00	0.00E+00	3.31E+00	-3.79E-04	1.34E-03	1.55E-02	0.00E+00	4.92E-19	3.40E-10	-3.54E-08	7.62E-02	1.62E+00	0.00E+00	0.00E+00
VS118PES	-5.61E-04	-1.19E+00	-9.49E-02	-1.09E+00	0.00E+00	0.00E+00	-4.44E-01	1.52E-06	6.05E-04	-4.33E-03	0.00E+00	-4.87E-04	2.15E-10	1.11E-08	-1.66E-01	-3.09E+01	0.00E+00	0.00E+00
VS118PF	-3.16E-03	-2.31E-03	-4.82E-02	-1.84E-01	0.00E+00	0.00E+00	-6.48E-01	-1.65E-03	2.64E-04	9.72E-04	0.00E+00	-2.28E-04	-2.17E-10	-6.61E-08	-5.26E-02	-1.88E+01	0.00E+00	0.00E+00
VS118PJ	-3.22E-03	-2.42E-02	-4.80E-02	-1.87E-01	0.00E+00	0.00E+00	-6.48E-01	-1.65E-03	2.58E-04	8.68E-04	0.00E+00	-2.36E-04	-2.92E-10	-6.68E-08	-5.19E-02	-1.88E+01	0.00E+00	0.00E+00
VS118PJ1	-2.73E-03	-1.43E-01	-4.46E-02	-2.21E-01	0.00E+00	0.00E+00	-7.14E-01	-1.48E-03	2.77E-04	9.07E-04	0.00E+00	-2.63E-04	-2.34E-10	-6.78E-08	-5.67E-02	-1.96E+01	0.00E+00	0.00E+00
VS118PM	-3.73E-03	-8.53E-03	-4.82E-02	-1.76E-01	0.00E+00	0.00E+00	-6.33E-01	-1.36E-03	1.56E-04	-9.86E-05	0.00E+00	-2.37E-04	-1.42E-09	-7.03E-08	-5.88E-02	-1.70E+01	0.00E+00	0.00E+00
VS118PP	-2.44E-02	-3.67E-03	-9.31E-02	8.95E-02	0.00E+00	0.00E+00	-6.00E+00	-2.53E-03	-6.59E-04	-8.53E-03	0.00E+00	-4.87E-04	-2.73E-09	-2.92E-07	-1.54E-01	-2.01E+01	0.00E+00	0.00E+00
VS118PS	-2.78E-02	-6.61E-01	-1.05E-01	-5.56E-01	0.00E+00	0.00E+00	-9.53E+00	-2.68E-03	-1.18E-03	-1.47E-02	0.00E+00	-4.83E-04	-6.00E-09	-3.13E-07	-1.74E-01	-2.89E+01	0.00E+00	0.00E+00
VS118PT	-9.74E-02	-6.08E-01	-1.30E-02	-5.95E-01	0.00E+00	0.00E+00	-2.41E+01	-9.87E-03	-4.14E-03	-5.33E-02	0.00E+00	2.81E-19	-1.75E-08	-1.15E-06	2.60E-02	-8.74E+00	0.00E+00	0.00E+00
VS118PY	-3.52E-03	-1.60E-01	-4.86E-02	-2.10E-01	0.00E+00	0.00E+00	-7.29E-01	-1.58E-03	2.81E-04	2.00E-04	0.00E+00	-3.15E-04	-1.03E-10	-9.01E-08	-5.79E-02	-1.99E+01	0.00E+00	0.00E+00
VS118TA	-1.33E-03	-1.95E-01	-2.95E-03	-1.75E-01	0.00E+00	0.00E+00	-5.32E-01	-7.10E-04	2.70E-04	1.53E-03	0.00E+00	-5.38E-05	-3.77E-11	-4.18E-08	-5.92E-03	-3.34E+01	0.00E+00	0.00E+00
VS118TD	-1.34E-03	-2.10E-01	-3.13E-03	-1.75E-01	0.00E+00	0.00E+00	-5.32E-01	-7.12E-04	2.70E-04	1.46E-03	0.00E+00	-5.83E-05	-2.54E-11	-4.25E-08	-5.69E-03	-3.33E+01	0.00E+00	0.00E+00
VS118TES	-3.10E-03	-2.36E-01	-7.05E-03	-2.80E-01	0.00E+00	0.00E+00	-5.17E-01	-7.68E-04	2.21E-04	8.09E-04	0.00E+00	-6.24E-05	-4.75E-10	-5.52E-08	-5.39E-03	-3.87E+01	0.00E+00	0.00E+00
VS118TF	-5.50E-04	-4.67E-02	-1.66E-03	-1.27E-01	0.00E+00	0.00E+00	-5.00E-01	-6.66E-04	2.49E-04	1.66E-03	0.00E+00	-4.00E-05	-2.27E-11	-4.21E-08	4.61E-04	-3.36E+01	0.00E+00	0.00E+00
VS118TJ	-6.10E-04	-6.38E-02	-1.34E-03	-1.29E-01	0.00E+00	0.00E+00	-4.95E-01	-6.87E-04	2.68E-04	1.90E-03	0.00E+00	-3.99E-05	-4.70E-11	-4.19E-08	8.51E-04	-3.35E+01	0.00E+00	0.00E+00
VS118TJ1	-1.67E-03	-1.87E-01	-3.51E-03	-1.75E-01	0.00E+00	0.00E+00	-4.78E-01	-6.76E-04	2.80E-04	1.56E-03	0.00E+00	-6.10E-05	-2.62E-11	-4.35E-08	-3.06E-03	-3.40E+01	0.00E+00	0.00E+00
VS118TM	-1.49E-03	-1.80E-01	-2.94E-03	-1.74E-01	0.00E+00	0.00E+00	-5.32E-01	-6.93E-04	2.73E-04	1.51E-03	0.00E+00	-5.29E-05	-3.85E-11	-4.36E-08	-5.05E-03	-3.34E+01	0.00E+00	0.00E+00
VS118TP	-2.33E-03	-2.13E-01	-5.46E-03	-1.82E-01	0.00E+00	0.00E+00	-5.32E-01	-7.12E-04	2.18E-04	1.09E-03	0.00E+00	-6.30E-05	-8.98E-11	-5.58E-08	-4.65E-03	-3.39E+01	0.00E+00	0.00E+00
VS118TS	-3.18E-03	-2.43E-01	-5.88E-03	-2.98E-01	0.00E+00	0.00E+00	-5.90E-01	-7.43E-04	2.22E-04	2.61E-04	0.00E+00	-5.78E-05	-8.30E-10	-6.07E-08	-2.37E-03	-3.76E+01	0.00E+00	0.00E+00
VS122PD	-3.36E-03	-3.01E-01	-7.88E-02	-4.57E-01	0.00E+00	0.00E+00	-9.22E-01	-5.39E-04	7.10E-04	-2.01E-03	0.00E+00	-4.94E-04	-1.63E-09	-8.03E-08	-9.73E-02	-1.96E+01	0.00E+00	0.00E+00
VS122PF	-5.19E-03	-2.78E-01	-6.43E-02	-4.72E-01	0.00E+00	0.00E+00	-8.88E-01	-6.63E-04	4.93E-04	-1.18E-03	0.00E+00	-4.48E-04	-1.58E-09	-9.56E-08	-9.82E-02	-2.09E+01	0.00E+00	0.00E+00
VS122PJ	-3.43E-03	-3.14E-01	-7.68E-02	-4.84E-01	0.00E+00	0.00E+00	-9.22E-01	-5.40E-04	5.18E-04	-2.01E-03	0.00E+00	-4.94E-04	-1.58E-09	-8.07E-08	-9.39E-02	-1.97E+01	0.00E+00	0.00E+00
VS122PM	-4.80E-03	-3.00E-01	-6.57E-02	-4.53E-01	0.00E+00	0.00E+00	-9.54E-01	-6.43E-04	5.60E-04	-1.17E-03	0.00E+00	-4.46E-04	-1.67E-09	-9.77E-08	-9.99E-02	-1.81E+01	0.00E+00	0.00E+00
VS122PP	1.25E-03	-2.70E-01	-1.07E-01	-1.63E-01	0.00E+00	0.00E+00	-2.41E+00	-1.25E-04	2.32E-03	2.04E-03	0.00E+00	-5.59E-04	-3.22E-09	1.03E-08	-1.87E-01	-2.60E+01	0.00E+00	0.00E+00
VS122PS	6.84E-03	9.76E-01	3.04E-02	9.45E-01	0.00E+00	0.00E+00	5.35E+00	1.14E-05	2.62E-03	1.11E-02	0.00E+00	4.27E-19	9.46E-10	2.82E-08	8.17E-02	-2.07E+00	0.00E+00	0.00E+00
VS122PY	-5.52E-03	-3.34E-01	-6.86E-02	-4.66E-01	0.00E+00	0.00E+00	-9.64E-01	-7.77E-04	5.52E-04	-1.77E-03	0.00E+00	-4.56E-04	-1.76E-09	-1.08E-07	-1.06E-01	-1.89E+01	0.00E+00	0.00E+00
VS122TA	-7.70E-03	-3.73E-01	-1.32E-02	-2.18E-01	0.00E+00	0.00E+00	-6.73E-01	-5.13E-04	3.67E-04	4.73E-04	0.00E+00	-7.05E-05	-1.81E-09	-6.95E-08	-6.83E-02	-4.03E+01	0.00E+00	0.00E+00
VS122TD	-7.62E-03	-3.81E-01	-1.31E-02	-2.37E-01	0.00E+00	0.00E+00	-6.73E-01	-5.32E-04	3.68E-04	3.93E-04	0.00E+00	-7.05E-05	-1.76E-09	-6.93E-08	-6.91E-02	-4.05E+01	0.00E+00	0.00E+00
VS122TF	-7.75E-03	-3.63E-01	-1.38E-02	-2.56E-01	0.00E+00	0.00E+00	-6.64E-01	-5.43E-04	3.44E-04	4.03E-04	0.00E+00	-6.92E-05	-1.75E-09	-6.93E-08	-6.93E-02	-4.10E+01	0.00E+00	0.00E+00
VS122TJ	-5.64E-03	-4.11E-01	-1.86E-02	-3.13E-01	0.00E+00	0.00E+00	-6.64E-01	-5.12E-04	9.25E-05	-2.57E-04	0.00E+00	-8.18E-05	-1.49E-09	-5.46E-08	-6.77E-02	-4.07E+01	0.00E+00	0.00E+00
VS122TM	-7.12E-03	-3.67E-01	-1.32E-02	-2.71E-01	0.00E+00	0.00E+00	-6.94E-01	-5.13E-04	4.83E-05	1.63E-04	0.00E+00	-7.28E-05	-1.87E-09	-6.94E-08	-7.23E-02	-3.74E+01	0.00E+00	0.00E+00
VS122TP	-7.30E-03	-3.69E-01	-1.30E-02	-2.59E-01	0.00E+00	0.00E+00	-6.94E-01	-5.14E-04	4.54E-05	3.23E-04	0.00E+00	-7.05E-05	-1.84E-09	-7.06E-08	-7.15E-02	-3.84E+01	0.00E+00	0.00E+00
VS212PA	-4.31E-03	-1.54E-01	-4.74E-02	-4.33E-01	0.00E+00	0.00E+00	-8.15E-01	-1.02E-04	1.48E-04	-6.28E-04	0.00E+00	-4.15E-04	-2.15E-09	-1.01E-08	-5.70E-02	-2.06E+01	0.00E+00	0.00E+00
VS212PD	4.29E-04	9.40E-03	-9.83E-02	1.08E-01	0.00E+00	0.00E+00	-1.31E-01	1.70E-06	5.19E-04	4.43E-03	0.00E+00	-5.32E-04	3.81E-10	4.92E-09	-1.70E-01	-2.04E+01	0.00E+00	0.00E+00
VS212PE	4.15E-03	9.25E-01	2.31E-02	9.02E-01	0.00E+00	0.00E+00	3.99E+00	8.55E-06	9.29E-04	9.90E-03	0.00E+00	3.79E-19	7.17E-10	9.75E-09	7.19E-02	1.12E+00	0.00E+00	0.00E+00
VS212PEB	-2.09E-03	-4.26E-01	-1.08E-01	-3.17E-01	0.00E+00	0.00E+00	-3.43E+00	-9.89E-05	-5.16E-05	-1.19E-04	0.00E+00	-5.24E-04	-2.68E-09	-1.16E-08	-1.83E-01	-2.03E+01	0.00E+00	0.00E+00
VS212PF	-1.30E-03	-4.41E-02	-3.23E-02	-2.50E-01	0.00E+00	0.00E+00	-7.13E-01	-1.21E-04	3.01E-04	3.83E-04	0.00E+00	-3.49E-04	-3.76E-10	-1.19E-08	-3.83E-02	-1.75E+01	0.00E+00	0.00E+00
VS212PJ	-4.74E-03	-6.87E-02	-1.52E-02	-3.00E-01	0.00E+00	0.00E+00	-7.95E-01	-1.17E-04	1.19E-04	-3.62E-04	0.00E+00	-2.80E-04	-2.49E-09	-1.07E-08	-3.98E-02	-1.88E+01	0.00E+00	0.00E+00
VS212PM	-5.64E-03	-9.75E-02	-3.81E-02	-2.86E-01	0.00E+00	0.00E+00	-8.27E-01	-1.19E-04	1.05E-04	-8.76E-04	0.00E+00	-3.78E-04	-2.47E-09	-1.28E-08	-4.10E-02	-1.97E+01	0.00E+00	0.00E+00
VS212PP	-1.47E-03	-1.61E+00	-1.09E-01	-1.50E+00	0.00E+00	0.00E+00	-3.09E+00	-1.33E-04	1.40E-03	-8.83E-03	0.00E+00	-5.32E-04	-3.63E-09	7.22E-09	-1.91E-01	-2.58E+01	0.00E+00	0.00E+00
VS212PR	-9.67E-03	4.16E-01	-8.26E-03	-1.78E-01	0.00E+00	0.00E+00	-6.09E-01	-3.71E-04	1.39E-03	-4.43E-04	0.00E+00	-4.40E-05	-3.22E-09	-2.43E-08	-7.57E-03	-3.92E+01	0.00E+00	0.00E+00
VS212PS	8.94E-03	2.16E+00	3.78E-02	2.13E+00	0.00E+00	0.00E+00	6.04E+00	1.16E-05	3.36E-03	2.00E-02	0.00E+00	5.68E-19	1.14E-09	3.03E-08	9.18E-02	2.13E+00	0.00E+00	0.00E+00
VS212PT	2.29E-02	1.75E+00	7.28E-02	1.67E+00	0.00E+00	0.00E+00	1.31E+01	2.46E-05	1.37E-02	1.83E-02	0.00E+00	6.50E-19	2.42E-09	1.53E-07	1.19E-01	4.37E+00	0.00E+00	0.00E+00
VS212PY	-7.52E-03	-2.51E-01	-3.69E-02	-4.59E-01	0.00E+00	0.00E+00	-8.32E-01	-2.42E-04	2.09E-04	-1.41E-03	0.00E+00	-4.39E-04	-2.80E-09	-3.69E-08	-6.53E-02	-2.24E+01	0.00E+00	0.00E+00
VS212PZB	4.92E-03	1.77E+00	1.99E-02	1.75E+00	0.00E+00	0.00E+00	2.08E+00	2.16E-06	1.36E-03	1.60E-02	0.00E+00	4.19E-19	-1.32E-10	4.81E-09	6.78E-02	1.06E+00	0.00E+00	0.00E+00
VS212TA	-6.96E-03	-2.73E-01	-8.50E-03	-4.27E-01	0.00E+00	0.00E+00	-5.97E-01	-1.03E-04	-9.47E-05	-1.35E-04	0.00E+00	-6.19E-05	-2.23E-09	-9.05E-09	-2.92E-02	-4.54E+01	0.00E+00	0.00E+00
VS212TD	-3.59E-03	-1.75E+00	-7.02E-02	-1.68E+00	0.00E+00	0.00E+00	-3.04E+00	-1.12E-04	-5.40E-04	-8.41E-03	0.00E+00	-3.06E-04	-3.25E-09	-1.23E-08	-1.20E-01	-6.29E+01	0.00E+00	0.00E+00
VS212TE	-1.56E-03	-1.84E-01	-5.61E-03	-2.38E-01	0.00E+00	0.00E+00	-5.50E-01	-8.37E-05	1.13E-04	1.03E-03	0.00E+00	-5.19E-05	-6.32E-10	-8.27E-09	-2.99E-02	-2.62E+01	0.00E+00	0.00E+00
VS212TF	-1.41E-03	-1.83E-01	-7.36E-03	-4.00E-01	0.00E+00	0.00E+00	-5.22E-01	-9.81E-05	1.86E-04	1.71E-03	0.00E+00	-5.32E-05	-3.07E-10	-7.03E-09	-3.04E-02	-4.03E+01	0.00E+00	0.00E+00
VS212TJ	-9.67E-03	-2.51E-01	-4.71E-03	-4.16E-01	0.00E+00	0.00E+00	-5.97E-01	-1.62E-04	-3.85E-05	2.14E-04	0.00E+00	-4.84E-05	-2.55E-09	-1.01E-08	-2.79E-02	-4.43E+01	0.00E+00	0.00E+00
VS212TM	-7.03E-03	-2.47E-01	-8.96E-03	-4.39E-01	0.00E+00	0.00E+00	-5.97E-01	-1.12E-04	-1.02E-04	-4.70E-04	0.00E+00	-6.17E-05	-2.33E-09	-9.10E-09	-3.14E-02	-4.35E+01	0.00E+00	0.00E+00
VS212TR	-9.79E-03	4.20E-01	-8.52E-03	-2.36E-01	0.00E+00	0.00E+00	-6.01E-01	-3.73E-04	1.42E-03	-8.04E-04	0.00E+00	-4.38E-05	-3.17E-09	-2.44E-08	-1.29E-02	-3.98E+01	0.00E+00	0.00E+00
VS212TS	-9.83E-03	4.10E-01	-9.76E-03	-3.19E-01	0.00E+00	0.00E+00	-5.63E-01	-4.28E-04	1.26E-03	-1.83E-04	0.00E+00	-5.28E-05	-3.47E-09	-2.83E-08	-9.87E-03	-3.92E+01	0.00E+00	0.00E+00
VS212TY	-8.49E-03	-3.04E-01	-6.39E-03	-3.77E-01	0.00E+00	0.00E+00	-6.17E-01	-1.39E-04	2.11E-04	1.03E-04	0.00E+00	-5.73E-05	-2.81E-09	-3.45E-08	-2.85E-02	-4.45E+01	0.00E+00	0.00E+00
VS218PA	-1.85E-02	-1.16E+00	-1.02E-01	-9.28E-01	0.00E+00	0.00E+00	-2.86E+00	-2.00E-04	1.09E-03	-5.61E-03	0.00E+00	-7.01E-04	-3.66E-09	-6.87E-08	-3.37E-01	-2.68E+01	0.00E+00	0.00E+00
VS218PD	-3.64E-03	-2.26E+00	-2.10E-01	-2.05E+00	0.00E+00	0.00E+00	-2.36E+00	2.01E-06	-5.19E-04	-9.32E-03	0.00E+00	-1.05E-03	2.71E-10	3.81E-09	-3.61E-01	-4.03E+01	0.00E+00	0.00E+00
VS218PDE	-2.17E-02	-8.82E-01	-1.09E-01	-1.02E+00	0.00E+00	0.00E+00	-1.80E+00	-2.81E-04	6.89E-04	-2.50E-03	0.00E+00	-6.81E-04	-3.50E-09	-2.85E-08	-2.94E-01	-2.64E+01	0.00E+00	0.00E+00
VS218PES	-2.33E-03	-2.33E+00	-2.07E-01	-2.12E+00	0.00E+00	0.00E+00	-1.83E+00	2.73E-06	3.91E-04	-8.94E-03	0.00E+00	-1.05E-03	3.45E-10	1.31E-08	-3.58E-01	-4.95E+01	0.00E+00	0.00E+00
VS218PF	-2.78E-02	-1.20E+00	-1.06E-01	-1.17E+00	0.00E+00	0.00E+00	-1.82E+00	-6.63E-04	8.96E-04	-5.55E-03	0.00E+00	-6.63E-04	-4.40E-09	-9.49E-08	-3.23E-01	-2.94E+01	0.00E+00	0.00E+00
VS218PJ	-2.53E-02	-1.17E+00	-1.06E-01	-1.14E+00	0.00E+00	0.00E+00	-1.83E+00	-5.25E-04	7.75E-04	-5.78E-03	0.00E+00	-6.40E-04	-4.23E-09	-7.84E-08	-3.07E-01	-2.99E+01	0.00E+00	0.00E+00
VS218PJ1	-2.35E-02	-1.37E+00	-1.03E-01	-1.17E+00	0.00E+00	0.00E+00	-3.14E+00	-5.76E-04	9.08E-04	-1.03E-02	0.00E+00	-7.29E-04	-4.96E-09	-8.30E-08	-3.50E-01	-3.11E+01	0.00E+00	0.00E+00
VS218PM	-2.68E-02	-1.31E+00	-1.08E-01	-1.23E+00	0.00E+00	0.00E+00	-1.80E+00	-4.99E-04	9.13E-04	-5.88E-03	0.00E+00	-7.41E-04	-4.35E-09	-7.64E-08	-3.40E-01	-3.05E+01	0.00E+00	0.00E+00

VS112PY	8.74E-02	-7.49E-02	-8.72E-01	0.00E+00	3.12E-08	-8.36E-09	-1.10E-04	-5.54E-05	-1.75E+00	0.00E+00	-8.72E-01	-1.13E-05	-8.72E-01	-7.32E-01	-1.75E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E+01
VS112TA	1.65E-01	-3.88E-02	5.09E-01	0.00E+00	4.15E-08	-8.03E-09	-3.42E-05	-1.32E-05	-2.83E+00	0.00E+00	5.09E-01	-1.60E-06	5.09E-01	-1.16E+00	-2.83E+00	0.00E+00	0.00E+00	0.00E+00	-9.28E+00
VS112TD	1.34E-01	-4.00E-02	5.10E-01	0.00E+00	3.01E-08	-8.14E-09	-5.75E-05	-1.22E-05	-2.85E+00	0.00E+00	5.10E-01	-4.43E-06	5.10E-01	-7.15E-01	-2.85E+00	0.00E+00	0.00E+00	0.00E+00	-9.74E+00
VS112TE	1.61E-01	-3.68E-02	-4.44E-02	0.00E+00	4.14E-08	-7.09E-09	8.21E-05	-7.53E-06	-2.15E+00	0.00E+00	-4.44E-02	-7.78E-07	-4.44E-02	-1.35E+00	-2.15E+00	0.00E+00	0.00E+00	0.00E+00	-8.52E+00
VS112TF	1.51E-01	-4.03E-02	-9.18E-01	0.00E+00	3.92E-08	-8.03E-09	-6.44E-05	-1.22E-05	-2.84E+00	0.00E+00	-9.18E-01	-1.58E-06	-9.18E-01	-3.19E+00	-2.84E+00	0.00E+00	0.00E+00	0.00E+00	-9.45E+00
VS112TJ	1.63E-01	-3.91E-02	4.77E-01	0.00E+00	2.78E-08	-8.30E-09	-5.75E-05	-1.22E-05	-2.72E+00	0.00E+00	4.77E-01	-2.83E-06	4.77E-01	-1.28E+00	-2.72E+00	0.00E+00	0.00E+00	0.00E+00	-9.74E+00
VS112TM	1.34E-01	-4.00E-02	5.09E-01	0.00E+00	2.73E-08	-8.14E-09	-5.75E-05	-1.22E-05	-2.85E+00	0.00E+00	5.09E-01	-1.78E-06	5.09E-01	-1.32E+00	-2.85E+00	0.00E+00	0.00E+00	0.00E+00	-9.74E+00
VS112TP	2.84E+00	1.09E-18	7.89E+00	0.00E+00	6.94E-08	1.30E-08	2.44E-03	0.00E+00	-4.89E+00	0.00E+00	7.89E+00	2.05E-06	7.89E+00	3.00E+00	-4.89E+00	0.00E+00	0.00E+00	0.00E+00	8.75E+01
VS112TR	2.25E-01	-2.80E-02	8.49E-01	0.00E+00	5.33E-08	-6.78E-09	4.63E-04	-1.67E-05	-3.08E+00	0.00E+00	8.49E-01	-4.60E-06	8.49E-01	-4.60E-01	-3.08E+00	0.00E+00	0.00E+00	0.00E+00	-9.61E+00
VS112TS	3.06E-01	-3.53E-02	9.06E-01	0.00E+00	4.39E-08	-6.89E-09	4.72E-04	-1.51E-05	-2.52E+00	0.00E+00	9.06E-01	-3.03E-06	9.06E-01	-4.75E-01	-2.52E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
VS112TY	1.56E-01	-3.84E-02	6.22E-01	0.00E+00	4.39E-08	-8.10E-09	-5.06E-05	-1.23E-05	-2.92E+00	0.00E+00	6.22E-01	-5.09E-06	6.22E-01	-6.14E-01	-2.92E+00	0.00E+00	0.00E+00	0.00E+00	-1.03E+01
VS118PA	3.10E-02	-1.27E-01	-6.42E+00	0.00E+00	3.74E-08	-1.27E-08	-2.84E-04	-9.19E-05	-8.41E-01	0.00E+00	-6.42E+00	-2.34E-05	-6.42E+00	-6.99E+00	-8.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E+01
VS118PD	3.74E+00	1.85E-18	1.50E+01	0.00E+00	1.31E-07	4.66E-08	3.82E-03	0.00E+00	8.55E-01	0.00E+00	1.50E+01	-9.96E-06	1.50E+01	1.58E+01	8.55E-01	0.00E+00	0.00E+00	0.00E+00	9.67E+01
VS118PES	1.47E+00	-2.25E-01	-2.41E+01	0.00E+00	9.32E-09	-2.22E-08	-1.46E-03	-1.85E-04	-4.46E+00	0.00E+00	-2.41E+01	3.72E-07	-2.41E+01	-2.85E+01	-4.46E+00	0.00E+00	0.00E+00	0.00E+00	3.56E+01
VS118PF	4.14E-02	-1.27E-01	-6.30E+00	0.00E+00	3.74E-08	-1.16E-08	-2.37E-04	-9.16E-05	-9.19E-01	0.00E+00	-6.30E+00	-2.34E-05	-6.30E+00	-6.56E+00	-9.19E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
VS118PJ	3.10E-02	-1.27E-01	-6.42E+00	0.00E+00	3.74E-08	-1.27E-08	-2.84E-04	-9.19E-05	-8.92E-01	0.00E+00	-6.42E+00	-2.34E-05	-6.42E+00	-6.99E+00	-8.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E+01
VS118PJ1	5.11E-02	-1.07E-01	-8.88E+00	0.00E+00	3.96E-08	-1.24E-08	-3.58E-04	-1.10E-04	-1.21E+00	0.00E+00	-8.88E+00	-1.57E-05	-8.88E+00	-1.18E+01	-1.21E+00	0.00E+00	0.00E+00	0.00E+00	-2.03E+01
VS118PM	3.49E-02	-1.21E-01	-6.59E+00	0.00E+00	2.04E-08	-1.04E-08	-2.13E-04	-9.01E-05	-1.16E+00	0.00E+00	-6.59E+00	-2.40E-05	-6.59E+00	-7.35E+00	-1.16E+00	0.00E+00	0.00E+00	0.00E+00	-1.80E+01
VS118PP	-2.57E+00	-2.25E-01	-2.16E+01	0.00E+00	4.08E-08	-4.36E-08	-3.21E-03	-1.85E-04	-2.94E+00	0.00E+00	-2.16E+01	-7.13E-05	-2.16E+01	-2.45E+01	-2.94E+00	0.00E+00	0.00E+00	0.00E+00	-1.48E+02
VS118PS	-6.50E+00	-2.23E-01	-2.84E+01	0.00E+00	-2.32E-09	-8.70E-08	-5.56E-03	-1.84E-04	-4.62E+00	0.00E+00	-2.84E+01	-7.94E-05	-2.84E+01	-3.30E+01	-4.62E+00	0.00E+00	0.00E+00	0.00E+00	-3.00E+02
VS118PT	-2.00E+01	1.07E-18	-3.83E+00	0.00E+00	2.01E-08	-2.01E-07	-1.65E-02	0.00E+00	-1.89E+00	0.00E+00	-3.83E+00	-2.98E-04	-3.83E+00	-5.72E+00	-1.89E+00	0.00E+00	0.00E+00	0.00E+00	-8.99E+02
VS118PY	-3.36E-03	-1.26E-01	-9.16E+00	0.00E+00	3.77E-08	-1.32E-08	-2.71E-04	-1.11E-04	-1.68E+00	0.00E+00	-9.16E+00	-2.26E-05	-9.16E+00	-1.20E+01	-1.68E+00	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
VS118TA	-9.72E-02	-4.98E-02	-4.70E+00	0.00E+00	5.47E-08	-1.20E-08	-4.20E-04	-1.09E-05	-2.91E+00	0.00E+00	-4.70E+00	-9.23E-06	-4.70E+00	-9.00E+00	-2.91E+00	0.00E+00	0.00E+00	0.00E+00	-1.84E+01
VS118TD	-9.72E-02	-4.95E-02	-4.80E+00	0.00E+00	5.47E-08	-1.20E-08	-4.20E-04	-1.09E-05	-2.96E+00	0.00E+00	-4.80E+00	-9.23E-06	-4.80E+00	-9.14E+00	-2.96E+00	0.00E+00	0.00E+00	0.00E+00	-1.84E+01
VS118TES	-1.11E-01	-4.92E-02	-5.02E+00	0.00E+00	5.91E-08	-1.48E-08	-4.94E-04	-1.09E-05	-3.93E+00	0.00E+00	-5.02E+00	-9.76E-06	-5.02E+00	-9.20E+00	-3.93E+00	0.00E+00	0.00E+00	0.00E+00	-2.16E+01
VS118TF	-4.05E-02	-4.33E-02	-1.67E+00	0.00E+00	5.41E-08	-1.03E-08	-2.36E-04	-4.18E-06	-2.85E+00	0.00E+00	-1.67E+00	-9.17E-06	-1.67E+00	-2.47E+00	-2.85E+00	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
VS118TJ	-5.10E-02	-4.34E-02	-1.92E+00	0.00E+00	5.55E-08	-1.14E-08	-2.95E-04	-4.18E-06	-2.81E+00	0.00E+00	-1.92E+00	-9.10E-06	-1.92E+00	-3.12E+00	-2.81E+00	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
VS118TJ1	-8.59E-02	-4.64E-02	-5.13E+00	0.00E+00	5.85E-08	-1.22E-08	-3.78E-04	-8.81E-06	-2.96E+00	0.00E+00	-5.13E+00	-7.82E-06	-5.13E+00	-8.98E+00	-2.96E+00	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
VS118TM	-9.72E-02	-4.62E-02	-4.57E+00	0.00E+00	5.47E-08	-1.20E-08	-4.20E-04	-8.81E-06	-2.95E+00	0.00E+00	-4.57E+00	-9.10E-06	-4.57E+00	-8.76E+00	-2.95E+00	0.00E+00	0.00E+00	0.00E+00	-1.84E+01
VS118TP	-1.24E-01	-5.15E-02	-5.31E+00	0.00E+00	5.47E-08	-1.28E-08	-5.11E-04	-1.09E-05	-3.08E+00	0.00E+00	-5.31E+00	-9.44E-06	-5.31E+00	-9.57E+00	-3.08E+00	0.00E+00	0.00E+00	0.00E+00	-1.84E+01
VS118TS	-1.67E-01	-4.60E-02	-5.27E+00	0.00E+00	4.05E-08	-1.44E-08	-5.56E-04	-8.81E-06	-3.73E+00	0.00E+00	-5.27E+00	-1.30E-05	-5.27E+00	-8.96E+00	-3.73E+00	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
VS122PD	1.33E-01	-2.06E-01	-1.51E+01	0.00E+00	2.55E-08	-1.49E-08	-6.22E-04	-2.20E-04	-1.85E+00	0.00E+00	-1.51E+01	-1.28E-05	-1.51E+01	-1.94E+01	-1.85E+00	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
VS122PF	1.40E-01	-1.87E-01	-1.53E+01	0.00E+00	3.91E-08	-1.32E-08	-5.71E-04	-2.06E-04	-2.27E+00	0.00E+00	-1.53E+01	-1.30E-05	-1.53E+01	-2.01E+01	-2.27E+00	0.00E+00	0.00E+00	0.00E+00	-1.90E+01
VS122PJ	1.33E-01	-1.97E-01	-1.50E+01	0.00E+00	2.55E-08	-1.49E-08	-6.68E-04	-2.18E-04	-1.83E+00	0.00E+00	-1.50E+01	-1.29E-05	-1.50E+01	-1.91E+01	-1.83E+00	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
VS122PM	7.44E-02	-1.87E-01	-1.55E+01	0.00E+00	3.87E-08	-1.39E-08	-5.09E-04	-2.11E-04	-2.14E+00	0.00E+00	-1.55E+01	-1.28E-05	-1.55E+01	-2.10E+01	-2.14E+00	0.00E+00	0.00E+00	0.00E+00	-2.55E+01
VS122PP	-6.02E-01	-2.58E-01	-2.86E+01	0.00E+00	2.71E-08	-3.44E-08	-9.89E-04	-2.13E-04	-3.91E+00	0.00E+00	-2.86E+01	-5.88E-06	-2.86E+01	-3.25E+01	-3.91E+00	0.00E+00	0.00E+00	0.00E+00	-5.82E+01
VS122PS	5.65E+00	1.59E-18	1.64E+01	0.00E+00	1.34E-07	5.21E-08	3.27E-03	0.00E+00	4.59E-01	0.00E+00	1.64E+01	4.91E-06	1.64E+01	1.68E+01	4.59E-01	0.00E+00	0.00E+00	0.00E+00	1.72E+02
VS122PY	6.08E-02	-2.00E-01	-1.56E+01	0.00E+00	3.87E-08	-1.42E-08	-5.26E-04	-2.20E-04	-2.57E+00	0.00E+00	-1.56E+01	-1.78E-05	-1.56E+01	-2.14E+01	-2.57E+00	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
VS122TA	-1.30E-01	-7.47E-02	-7.41E+00	0.00E+00	8.10E-08	-1.67E-08	-6.62E-04	-2.41E-05	-3.99E+00	0.00E+00	-7.41E+00	-7.84E-06	-7.41E+00	-1.35E+01	-3.99E+00	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
VS122TD	-1.30E-01	-7.47E-02	-7.71E+00	0.00E+00	8.10E-08	-1.72E-08	-6.62E-04	-2.38E-05	-4.01E+00	0.00E+00	-7.71E+00	-8.02E-06	-7.71E+00	-1.37E+01	-4.01E+00	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
VS122TF	-1.30E-01	-7.48E-02	-7.83E+00	0.00E+00	8.10E-08	-1.72E-08	-7.04E-04	-2.38E-05	-4.02E+00	0.00E+00	-7.83E+00	-8.13E-06	-7.83E+00	-1.36E+01	-4.02E+00	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
VS122TJ	-9.92E-02	-9.04E-02	-8.20E+00	0.00E+00	7.02E-08	-1.68E-08	-8.00E-04	-2.72E-05	-3.84E+00	0.00E+00	-8.20E+00	-7.65E-06	-8.20E+00	-1.38E+01	-3.84E+00	0.00E+00	0.00E+00	0.00E+00	-2.12E+01
VS122TM	-2.20E-01	-7.52E-02	-7.59E+00	0.00E+00	8.01E-08	-1.78E-08	-6.85E-04	-2.41E-05	-3.52E+00	0.00E+00	-7.59E+00	-7.19E-06	-7.59E+00	-1.38E+01	-3.52E+00	0.00E+00	0.00E+00	0.00E+00	-2.55E+01
VS122TP	-1.62E-01	-7.55E-02	-7.39E+00	0.00E+00	8.06E-08	-1.79E-08	-6.85E-04	-2.41E-05	-3.77E+00	0.00E+00	-7.39E+00	-7.80E-06	-7.39E+00	-1.36E+01	-3.77E+00	0.00E+00	0.00E+00	0.00E+00	-2.55E+01
VS212PA	1.24E-01	-1.22E-01	-1.15E+01	0.00E+00	3.78E-08	-1.53E-08	-4.43E-04	-1.32E-04	-2.00E+00	0.00E+00	-1.15E+01	-4.26E-06	-1.15E+01	-1.68E+01	-2.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.23E+01
VS212PD	1.92E+00	-2.46E-01	-2.35E+01	0.00E+00	3.90E-08	-4.81E-09	4.07E-04	-2.02E-04	-2.87E+00	0.00E+00	-2.35E+01	6.79E-07	-2.35E+01	-2.64E+01	-2.87E+00	0.00E+00	0.00E+00	0.00E+00	4.52E+01
VS212PE	4.31E+00	1.41E-18	1.39E+01	0.00E+00	1.16E-07	4.39E-08	2.77E-03	0.00E+00	7.66E-01	0.00E+00	1.39E+01	4.18E-06	1.39E+01	1.47E+01	7.66E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
VS212PEB	-1.58E+00	-2.42E-01	-2.87E+01	0.00E+00	6.63E-09	-3.72E-08	-1.47E-03	-1.99E-04	-3.21E+00	0.00E+00	-2.87E+01	-5.06E-06	-2.87E+01	-3.19E+01	-3.21E+00	0.00E+00	0.00E+00	0.00E+00	-9.04E+01
VS212PF	6.93E-02	-1.31E-01	-6.24E+00	0.00E+00	2.81E-08	-1.22E-08	-6.84E-05	-1.44E-04	-1.63E+00	0.00E+00	-6.24E+00	-4.55E-06	-6.24E+00	-1.07E+01	-1.63E+00	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
VS212PJ	9.02E-02	-7.97E-02	-8.59E+00	0.00E+00	4.94E-08	-1.51E-08	-5.25E-04	-1.06E-04	-1.92E+00	0.00E+00	-8.59E+00	-4.37E-06	-8.59E+00	-1.43E+01	-1.92E+00	0.00E+00	0.00E+00	0.00E+00	-2.37E+01
VS212PM	4.47E-02	-1.34E-01	-7.68E+00	0.00E+00	3.82E-08	-1.45E-08	-5.54E-04	-1.48E-04	-1.69E+00	0.00E+00	-7.68E+00	-5.32E-06	-7.68E+00	-1.32E+01	-1.69E+00	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
VS212PP	-1.52E+00	-2.46E-01	-3.09E+01	0.00E+00	-1.11E-08	-5.42E-08	-3.49E-03	-2.02E-04	-3.99E+00	0.00E+00	-3.09E+01	-6.89E-06	-3.09E+01	-3.49E+01	-3.99E+00	0.00E+00	0.00E+00	0.00E+00	-8.76E+01
VS212PR	5.80E-02	-5.79E-02	-2.83E+00	0.00E+00	7.79E-08	-1.48E-08	-9.86E-05	-2.47E-05	-3.23E+00	0.00E+00	-2.83E+00	-6.44E-06	-2.83E+00	-7.48E+00	-3.23E+00	0.00E+00	0.00E+00	0.00E+00	-2.72E+01
VS212PS	6.23E+00	2.13E-18	1.88E+01	0.00E+00	1.61E-07	6.77E-08	5.25E-03	0.00E+00	1.17E+00	0.00E+00	1.88E+01	5.04E-06	1.88E+01	2.00E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+02
VS212PT	1.23E+01	2.41E-18	2.46E+01	0.00E+00	2.02E-07	9.45E-08	5.84E-03	0.00E+00	2.16E+00	0.00E+00	2.46E+01	4.99E-06	2.46E+01	2.67E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	4.20E+02
VS212PY	4.35E-02	-9.18E-02	-1.47E+01	0.00E+00	4.30E-08	-1.52E-08	-5.94E-04	-1.64E-04	-2.49E+00	0.00E+00	-1.47E+01	-1.14E-05	-1.47E+01	-1.81E+01	-2.49E+00	0.00E+00	0.00E+00	0.00E+00	-2.51E+01
VS212PZB	2.23E+00	1.60E-18	1.30E+01	0.00E+00	1.18E-07	4.42E-08	3.97E-03	0.00E+00	5.45E-01	0.00E+00	1.30E+01	2.40E-06	1.30E+01	1.36E+01	5.45E-01	0.00E+00	0.00E+00	0.00E+00	3.96E+01
VS212TA	-1.12E-01	-8.56E-02	-5.92E+00	0.00E+00	6.83E-08	-1.86E-08	-7.91E-04	-2.13E-05	-2.67E+00	0.00E+00	-5.92E+00	-3.18E-06	-5.92E+00	-1.27E+01	-2.67E+00	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
VS212TD	-2.57E+00	-1.41E-01	-2.11E+01	0.00E+00	-2.79E-08	-6.97E-08	-3.19E-03	-1.16E-04	-9.45E+00	0.00E+00	-2.11E+01	-5.92E-06	-2.11E+01	-3.05E+01	-9.45E+00	0.00E+00	0.00E+00	0.00E+00	-1.15E+02
VS212TE	-5.01E-02	-7.54E-02	-5.64E+00	0.00E+00	7.48E-08	-1.56E-08	-4.47E-04	-1.73E-05	-1.96E+00	0.00E+00	-5.64E+00	-1.71E-06	-5.64E+00	-1.18E+01	-1.96E+00	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
VS212TF	-6.88E-02	-7.46E-02	-4.89E+00	0.00E+00	6.72E-08	-1.48E-08	-2.90E-04	-1.87E-05	-2.67E+00	0.00E+00	-4.89E+00	-2.73E-06	-4.89E+00	-1.07E+01	-2.67E+00	0.00E+00	0.00E+00	0.00E+00	-2.10E+01
VS212TJ	-1.43E-01	-5.77E-02	-5.51E+00	0.00E+00	7.63E-08	-1.88E-08	-7.37E-04	-1.60E-05	-3.12E+00	0.00E+00	-5.51E+00	-4.20E-06	-5.51E+00	-1.19E+01	-3.12E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
VS212TM	-1.40E-01	-7.76E-02	-5.78E+00	0.00E+00	4.90E-08	-1.84E-08	-8.39E-04	-1.87E-05	-2.75E+00	0.00E+00	-5.78E+00	-3.31E-06	-5.78E+00	-1.22E+01	-2.75E+00	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
VS212TR	3.05E-02	-5.63E-02	-3.10E+00	0.00E+00	5.62E-08	-1.53E-08	-1.88E-04	-2.21E-05	-3.20E+00	0.00E+00	-3.10E+00	-6.60E-06	-3.10E+00	-7.08E+00	-3.20E+00	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
VS212TS	1.36E-01	-7.13E-02	-3.14E+00	0.00E+00	6.60E-08	-1.61E-08	-2.62E-04	-2.06E-05	-2.66E+00	0.00E+00	-3.14E+00	-7.88E-06	-3.14E+00	-7.21E+00	-2.66E+00	0.00E+00	0.00E+00	0.00E+00	-2.90E+01
VS212TY	-1.14E-01	-7.95E-02	-4.99E+00	0.00E+00	7.01E-08	-1.86E-08	-7.14E-04	-2.40E-05	-2.80E+00	0.00E+00	-4.99E+00	-9.57E-06	-4.99E+00	-1.19E+01	-2.80E+00	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
VS218PA	-6.54E-01	-3.32E-01	-2.99E+01	0.00E+00	7.09E-08	-3.07E-08	-2.34E-03	-2.03E-04	-7.60E+00	0.00E+00	-2.99E+01	-3.82E-06	-2.99E+01	-3.57E+01	-7.60E+00	0.00E+00	0.00E+00	0.00E+00	-6.98E+01
VS218PD	2.11E+00	-4.84E-01	-5.25E+01	0.00E+00	1.44E-08	-4.05E-08	-3.29E-03	-3.99E-04	-5.93E+00	0.00E+00	-5.25E+01	6.17E-07	-5.25E+01	-5.84E+01	-5.93E+00	0.00E+00	0.00E+00	0.00E+00	3.53E+01
VS218PDE	-3.91E-02	-3.30E-01	-2.35E+01	0.00E+00	3.59E-08	-2.77E-08	-1.82E-03	-2.41E-04	-6.06E+00	0.00E+00	-2.35E+01	-7.62E-06	-2.35E+01	-2.99E+01	-6.06E+00	0.00E+00	0.00E+00	0.00E+00	-4.23E+01
VS218PES	2.63E+00	-4.84E-01	-5.18E+01	0.00E+00	1.99E-08	-4.12E-08	-3.11E-03	-3.99E-04	-7.19E+00	0.00E+00	-5.18E+01	8.46E-07	-5.18E+01	-5.90E+01	-7.19E+00	0.00E+00	0.00E+00	0.00E+00	5.48E+01
VS218PF	-2.22E-01	-3.18E-01	-2.74E+01	0.00E+00	4.50E-08	-3.12E-08	-2.51E-03	-1.94E-04	-7.25E+00	0.00E+00	-2.74E+01	-1.33E-05	-2.74E+01	-3.69E+01	-7.25E+00	0.00E+00	0.00E+00	0.00E+00	-5.10E+01
VS218PJ	-2.56E-01	-3.09E-01	-2.68E+01	0.00E+00	3.74E-08	-3.04E-08	-2.53E-03	-2.10E-04	-6.65E+00	0.00E+00	-2.68E+01	-1.29E-05	-2.68E+01	-3.55E+01	-6.65E+00	0.00E+00	0.00E+00	0.00E+00	-5.05E+01
VS218PJ1	-1.02E+00	-3.55E-01	-3.51E+01	0.00E+00	5.00E-08	-3.68E-08	-2.44E-03	-1.99E-04	-7.51E+00	0.00E+00	-3.51E+01	-7.26E-06	-3.51E+01	-4.07E+01	-7.51E+00	0.00E+00	0.00E+00	0.00E+00	-7.99E+01
VS218PM	-2.44E-01	-3.51E-01	-2.82E+01	0.00E+00	4.47E-08	-3.12E-08	-2.46E-03	-2.19E-04	-7.12E+00	0.00E+00	-2.82E+01	-1.23E-05	-2.82E+01	-3.71E+01	-7.12E+00	0.00E+00	0.00E+00	0.00E+00	-5.11E+01

VS218PP	-4.90E-02	-3.42E+00	-2.37E-01	-3.19E+00	0.00E+00	0.00E+00	-1.78E+01	-4.28E-03	-3.33E-03	-4.04E-02	0.00E+00	-1.05E-03	-1.07E-08	-5.04E-07	-3.94E-01	-5.06E+01	0.00E+00	0.00E+00	-1.17E+01	-4.84E-01	-6.48E+01	0.00E+00	-5.15E-08	-1.78E-07	-1.33E-02	-3.99E-04	-8.29E+00	0.00E+00	-6.48E+01	-1.28E-04	-6.48E+01	-7.31E+01	-8.29E+00	0.00E+00	0.00E+00	0.00E+00	-5.36E+02
VS218PS	1.04E-02	1.65E+00	5.07E-02	1.60E+00	0.00E+00	0.00E+00	8.40E+00	1.77E-05	3.64E-03	1.89E-02	0.00E+00	7.35E-19	1.50E-09	3.85E-08	1.43E-01	-4.86E+00	0.00E+00	0.00E+00	9.14E+00	2.74E-18	2.78E+01	0.00E+00	2.29E-07	8.52E-08	5.45E-03	0.00E+00	5.57E-01	0.00E+00	2.78E+01	8.09E-06	2.78E+01	2.83E+01	5.57E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+02
VS218PT	-6.96E-02	1.82E+00	6.69E-02	1.75E+00	0.00E+00	0.00E+00	-7.39E+00	-9.13E-03	7.11E-03	-2.52E-02	0.00E+00	9.93E-19	-8.55E-09	-9.40E-07	1.66E-01	-2.02E+00	0.00E+00	0.00E+00	-2.71E+00	3.70E-18	2.97E+01	0.00E+00	2.70E-07	-4.04E-08	-6.74E-03	0.00E+00	9.96E-01	0.00E+00	2.97E+01	-2.55E-04	2.97E+01	3.07E+01	9.96E-01	0.00E+00	0.00E+00	0.00E+00	-2.76E+02
VS218PY	-2.80E-02	-1.47E+00	-1.04E-01	-1.20E+00	0.00E+00	0.00E+00	-4.27E+00	-5.13E-04	1.12E-03	-1.17E-02	0.00E+00	-7.76E-04	-6.09E-09	-1.13E-07	-3.48E-01	-2.86E+01	0.00E+00	0.00E+00	-1.49E+00	-3.85E-01	-3.99E+01	0.00E+00	6.58E-08	-3.69E-08	-2.42E-03	-1.81E-04	-7.75E+00	0.00E+00	-3.99E+01	-1.74E-05	-3.99E+01	-4.10E+01	-7.75E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
VS218TA	-7.78E-03	-1.26E+00	-1.17E-01	-8.70E-01	0.00E+00	0.00E+00	-1.01E+00	-4.87E-04	-3.55E-04	9.01E-04	0.00E+00	-6.64E-04	-3.14E-09	-6.43E-08	-2.42E-01	-4.99E+01	0.00E+00	0.00E+00	3.22E-01	-3.00E-01	-2.59E+01	0.00E+00	8.62E-08	-3.65E-08	-2.63E-03	-1.36E-04	-1.11E+01	0.00E+00	-2.59E+01	-5.02E-06	-2.59E+01	-3.59E+01	-1.11E+01	0.00E+00	0.00E+00	0.00E+00	-2.35E+01
VS218TD	-1.21E-02	-3.25E+00	-1.69E-01	-3.08E+00	0.00E+00	0.00E+00	-7.60E+00	-6.56E-04	-1.58E-03	-1.86E-02	0.00E+00	-7.52E-04	-5.71E-09	-8.08E-08	-2.87E-01	-9.72E+01	0.00E+00	0.00E+00	-5.03E+00	-3.48E-01	-4.78E+01	0.00E+00	-4.80E-08	-1.26E-07	-6.72E-03	-2.86E-04	-1.47E+01	0.00E+00	-4.78E+01	-2.66E-05	-4.78E+01	-6.25E+01	-1.47E+01	0.00E+00	0.00E+00	0.00E+00	-2.34E+02
VS218TES	-8.11E-03	-1.03E+00	-1.14E-01	-7.22E-01	0.00E+00	0.00E+00	-8.65E-01	-4.23E-04	-2.74E-05	8.85E-04	0.00E+00	-4.30E-04	-1.64E-09	-7.29E-08	-2.38E-01	-4.25E+01	0.00E+00	0.00E+00	6.11E-01	-2.19E-01	-1.74E+01	0.00E+00	9.20E-08	-3.09E-08	-2.78E-03	-1.16E-04	-1.09E+01	0.00E+00	-1.74E+01	-5.34E-06	-1.74E+01	-2.90E+01	-1.09E+01	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
VS218TF	-1.18E-02	-1.25E+00	-1.18E-01	-9.06E-01	0.00E+00	0.00E+00	-1.10E+00	-7.34E-04	-5.31E-04	-1.57E-03	0.00E+00	-6.42E-04	-4.67E-09	-7.11E-08	-2.22E-01	-4.48E+01	0.00E+00	0.00E+00	-1.06E-01	-2.89E-01	-2.82E+01	0.00E+00	8.31E-08	-4.07E-08	-2.91E-03	-1.27E-04	-1.05E+01	0.00E+00	-2.82E+01	-7.07E-06	-2.82E+01	-3.78E+01	-1.05E+01	0.00E+00	0.00E+00	0.00E+00	-3.75E+01
VS218TJ	-6.54E-03	-1.25E+00	-1.09E-01	-7.30E-01	0.00E+00	0.00E+00	-1.01E+00	-4.90E-04	-2.84E-04	1.43E-03	0.00E+00	-5.83E-04	-3.26E-09	-6.21E-08	-2.10E-01	-4.78E+01	0.00E+00	0.00E+00	7.76E-01	-2.70E-01	-2.46E+01	0.00E+00	8.68E-08	-2.95E-08	-2.53E-03	-1.34E-04	-1.11E+01	0.00E+00	-2.46E+01	-4.03E-06	-2.46E+01	-3.45E+01	-1.11E+01	0.00E+00	0.00E+00	0.00E+00	-1.87E+01
VS218TJ1	-6.92E-03	-1.28E+00	-1.09E-01	-9.58E-01	0.00E+00	0.00E+00	-1.03E+00	-5.64E-04	-2.48E-04	4.83E-04	0.00E+00	-6.07E-04	-3.27E-09	-6.71E-08	-2.30E-01	-4.80E+01	0.00E+00	0.00E+00	5.56E-01	-2.90E-01	-2.53E+01	0.00E+00	8.63E-08	-3.12E-08	-2.53E-03	-1.26E-04	-1.12E+01	0.00E+00	-2.53E+01	-4.49E-06	-2.53E+01	-3.36E+01	-1.12E+01	0.00E+00	0.00E+00	0.00E+00	-2.64E+01
VS218TM	-8.07E-03	-1.27E+00	-1.13E-01	-9.67E-01	0.00E+00	0.00E+00	-1.03E+00	-5.01E-04	-3.13E-04	4.57E-04	0.00E+00	-6.40E-04	-3.22E-09	-6.27E-08	-2.41E-01	-4.92E+01	0.00E+00	0.00E+00	3.01E-01	-3.01E-01	-2.66E+01	0.00E+00	8.68E-08	-3.69E-08	-2.63E-03	-1.26E-04	-1.12E+01	0.00E+00	-2.66E+01	-5.07E-06	-2.66E+01	-3.48E+01	-1.12E+01	0.00E+00	0.00E+00	0.00E+00	-2.99E+01
VS218TP	-7.95E-03	-1.25E+00	-1.15E-01	-8.54E-01	0.00E+00	0.00E+00	-1.01E+00	-4.90E-04	-3.13E-04	9.87E-04	0.00E+00	-6.33E-04	-3.16E-09	-6.43E-08	-2.41E-01	-4.96E+01	0.00E+00	0.00E+00	4.02E-01	-2.96E-01	-2.56E+01	0.00E+00	8.81E-08	-3.65E-08	-2.63E-03	-1.26E-04	-1.11E+01	0.00E+00	-2.56E+01	-5.03E-06	-2.56E+01	-3.46E+01	-1.11E+01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
VS218TS	-1.00E-02	-1.22E+00	-1.15E-01	-9.90E-01	0.00E+00	0.00E+00	-9.74E-01	-6.56E-04	-2.81E-04	-2.10E-03	0.00E+00	-4.90E-04	-3.15E-09	-6.74E-08	-2.30E-01	-4.15E+01	0.00E+00	0.00E+00	-3.40E-02	-2.55E-01	-2.19E+01	0.00E+00	5.81E-08	-3.89E-08	-3.16E-03	-1.20E-04	-1.01E+01	0.00E+00	-2.19E+01	-8.91E-06	-2.19E+01	-3.19E+01	-1.01E+01	0.00E+00	0.00E+00	0.00E+00	-3.75E+01
VS218TY	-9.17E-03	-1.30E+00	-1.13E-01	-9.63E-01	0.00E+00	0.00E+00	-1.04E+00	-5.40E-04	-3.48E-04	4.04E-04	0.00E+00	-6.40E-04	-3.64E-09	-9.68E-08	-2.43E-01	-4.85E+01	0.00E+00	0.00E+00	2.56E-01	-3.01E-01	-2.64E+01	0.00E+00	8.69E-08	-3.70E-08	-2.62E-03	-1.26E-04	-1.13E+01	0.00E+00	-2.64E+01	-1.32E-05	-2.64E+01	-3.48E+01	-1.13E+01	0.00E+00	0.00E+00	0.00E+00	-3.18E+01
VS312PA	-5.29E-03	-1.03E+00	-1.49E-01	-1.11E+00	0.00E+00	0.00E+00	-1.70E+00	-4.19E-04	-5.06E-04	-8.17E-03	0.00E+00	-6.61E-04	-3.30E-09	-1.58E-08	-2.17E-01	-3.10E+01	0.00E+00	0.00E+00	-1.13E-01	-3.33E-01	-3.39E+01	0.00E+00	3.60E-08	-3.34E-08	-2.70E-03	-2.97E-04	-5.73E+00	0.00E+00	-3.39E+01	-1.27E-05	-3.39E+01	-3.75E+01	-5.73E+00	0.00E+00	0.00E+00	0.00E+00	-3.66E+01
VS312PD	-5.80E-03	-2.15E+00	-1.57E-01	-1.99E+00	0.00E+00	0.00E+00	-5.57E+00	-1.61E-04	-9.19E-04	-1.26E-02	0.00E+00	-7.16E-04	-4.58E-09	-1.84E-08	-2.67E-01	-2.92E+01	0.00E+00	0.00E+00	-3.30E+00	-3.31E-01	-4.34E+01	0.00E+00	-3.07E-08	-7.61E-08	-4.98E-03	-2.72E-04	-4.74E+00	0.00E+00	-4.34E+01	-8.66E-06	-4.34E+01	-4.82E+01	-4.74E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
VS312PE	-9.90E-03	-2.25E+00	-1.59E-01	-2.09E+00	0.00E+00	0.00E+00	-5.89E+00	-2.42E-04	-1.19E-03	-1.36E-02	0.00E+00	-7.16E-04	-4.49E-09	-3.05E-08	-2.68E-01	-3.17E+01	0.00E+00	0.00E+00	-3.48E+00	-3.31E-01	-4.37E+01	0.00E+00	-3.44E-08	-7.89E-08	-5.20E-03	-2.72E-04	-5.13E+00	0.00E+00	-4.37E+01	-1.15E-05	-4.37E+01	-4.88E+01	-5.13E+00	0.00E+00	0.00E+00	0.00E+00	-1.69E+02
VS312PF	-9.69E-03	-9.27E-01	-1.40E-01	-1.13E+00	0.00E+00	0.00E+00	-1.82E+00	-4.59E-04	-6.24E-04	-8.65E-03	0.00E+00	-6.76E-04	-4.41E-09	-1.92E-08	-1.96E-01	-2.72E+01	0.00E+00	0.00E+00	-3.80E-01	-3.43E-01	-3.48E+01	0.00E+00	2.11E-08	-3.43E-08	-2.44E-03	-2.89E-04	-4.64E+00	0.00E+00	-3.48E+01	-1.49E-05	-3.48E+01	-3.84E+01	-4.64E+00	0.00E+00	0.00E+00	0.00E+00	-3.99E+01
VS312PJ	-8.83E-03	-1.30E+00	-1.51E-01	-1.35E+00	0.00E+00	0.00E+00	-1.76E+00	-4.34E-04	-5.44E-04	-1.04E-02	0.00E+00	-7.85E-04	-4.02E-09	-1.41E-08	-2.44E-01	-3.82E+01	0.00E+00	0.00E+00	-3.44E-01	-4.05E-01	-3.80E+01	0.00E+00	2.98E-08	-3.66E-08	-2.81E-03	-3.26E-04	-6.05E+00	0.00E+00	-3.80E+01	-1.33E-05	-3.80E+01	-4.47E+01	-6.05E+00	0.00E+00	0.00E+00	0.00E+00	-4.24E+01
VS312PM	-1.00E-02	-1.32E+00	-1.56E-01	-1.34E+00	0.00E+00	0.00E+00	-1.87E+00	-4.60E-04	-6.08E-04	-1.05E-02	0.00E+00	-8.32E-04	-4.34E-09	-1.97E-08	-2.40E-01	-3.66E+01	0.00E+00	0.00E+00	-4.75E-01	-4.06E-01	-3.89E+01	0.00E+00	2.67E-08	-3.57E-08	-2.88E-03	-3.21E-04	-5.75E+00	0.00E+00	-3.89E+01	-1.45E-05	-3.89E+01	-4.47E+01	-5.75E+00	0.00E+00	0.00E+00	0.00E+00	-4.33E+01
VS312PP	-1.27E-03	-2.01E+00	-1.45E-01	-1.86E+00	0.00E+00	0.00E+00	-3.86E+00	-1.96E-04	2.21E-03	-1.09E-02	0.00E+00	-7.16E-04	-5.34E-09	1.15E-08	-2.52E-01	-2.76E+01	0.00E+00	0.00E+00	-1.78E+00	-3.31E-01	-4.02E+01	0.00E+00	-1.67E-09	-6.69E-08	-4.51E-03	-2.72E-04	-4.30E+00	0.00E+00	-4.02E+01	-9.47E-06	-4.02E+01	-4.45E+01	-4.30E+00	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
VS312PR	-9.92E-03	4.39E-01	2.07E-04	-2.21E-01	0.00E+00	0.00E+00	-8.51E-01	-1.01E-03	1.01E-03	4.24E-03	0.00E+00	-2.40E-05	-1.69E-09	-2.08E-08	6.43E-03	-3.72E+01	0.00E+00	0.00E+00	9.05E-01	-1.84E-02	7.33E-01	0.00E+00	9.59E-08	-1.10E-08	4.34E-05	-1.50E-05	-5.36E+00	0.00E+00	7.33E-01	-2.37E-05	7.33E-01	-4.11E+00	-5.36E+00	0.00E+00	0.00E+00	0.00E+00	-1.54E+01
VS312PS	-3.10E-02	-3.40E-01	-1.35E-01	-2.05E-01	0.00E+00	0.00E+00	-7.26E+00	-3.12E-03	-9.42E-04	-1.20E-02	0.00E+00	-7.04E-04	-3.28E-09	-3.60E-07	-2.28E-01	-3.84E+01	0.00E+00	0.00E+00	-3.10E+00	-3.25E-01	-3.32E+01	0.00E+00	4.08E-08	-6.76E-08	-4.52E-03	-2.68E-04	-5.63E+00	0.00E+00	-3.32E+01	-8.89E-05	-3.32E+01	-3.89E+01	-5.63E+00	0.00E+00	0.00E+00	0.00E+00	-1.84E+02
VS312PT	-7.60E-02	3.42E-01	3.55E-02	3.06E-01	0.00E+00	0.00E+00	-1.63E+01	-9.38E-03	5.91E-03	-3.94E-02	0.00E+00	7.36E-19	-1.74E-08	-9.75E-07	1.20E-01	-5.12E+00	0.00E+00	0.00E+00	-1.24E+01	2.82E-18	1.37E+01	0.00E+00	1.78E-07	-1.36E-07	-1.24E-02	0.00E+00	-4.23E-01	0.00E+00	1.37E+01	-2.71E-04	1.37E+01	1.33E+01	-4.23E-01	0.00E+00	0.00E+00	0.00E+00	-6.53E+02
VS312PY	-9.13E-03	-1.26E+00	-1.57E-01	-1.45E+00	0.00E+00	0.00E+00	-1.86E+00	-4.70E-04	-4.49E-04	-1.04E-02	0.00E+00	-7.76E-04	-3.73E-09	-4.33E-08	-2.40E-01	-3.26E+01	0.00E+00	0.00E+00	-3.13E-01	-3.81E-01	-3.81E+01	0.00E+00	3.62E-08	-3.63E-08	-2.88E-03	-3.08E-04	-6.11E+00	0.00E+00	-3.81E+01	-1.65E-05	-3.81E+01	-4.05E+01	-6.11E+00	0.00E+00	0.00E+00	0.00E+00	-3.99E+01
VS312TA	1.14E-03	-1.91E-01	7.94E-03	-2.68E-01	0.00E+00	0.00E+00	-3.74E-01	-1.98E-04	-2.90E-04	4.88E-03	0.00E+00	-3.14E-05	-2.48E-10	-1.28E-08	-1.64E-02	-4.97E+01	0.00E+00	0.00E+00	6.47E-01	-2.07E-02	-8.72E-01	0.00E+00	9.73E-08	-2.23E-08	-2.75E-04	-1.00E-05	-4.63E+00	0.00E+00	-8.72E-01	-1.18E-06	-8.72E-01	-6.39E+00	-4.63E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+01
VS312TD	5.85E-03	1.36E+00	3.07E-02	1.33E+00	0.00E+00	0.00E+00	5.17E+00	6.18E-06	1.72E-03	1.77E-02	0.00E+00	5.52E-19	8.38E-10	1.31E-08	7.41E-02	-6.18E+01	0.00E+00	0.00E+00	4.70E+00	2.05E-18	1.44E+01	0.00E+00	1.27E-07	2.39E-08	4.39E-03	0.00E+00	-8.29E+00	0.00E+00	1.44E+01	3.90E-06	1.44E+01	6.09E+00	-8.29E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+02
VS312TE	9.75E-04	-9.30E-02	3.89E-03	-3.23E-01	0.00E+00	0.00E+00	-3.62E-01	-2.41E-04	-3.52E-04	4.11E-03	0.00E+00	-4.21E-05	-7.41E-10	-1.48E-08	-1.34E-02	-3.51E+01	0.00E+00	0.00E+00	6.36E-01	-2.89E-02	-5.13E-01	0.00E+00	9.38E-08	-1.95E-08	-2.59E-04	-1.76E-05	-2.91E+00	0.00E+00	-5.13E-01	-8.71E-07	-5.13E-01	-5.65E+00	-2.91E+00	0.00E+00	0.00E+00	0.00E+00	-7.35E+00
VS312TF	-4.15E-03	-7.92E-02	7.13E-03	-3.92E-01	0.00E+00	0.00E+00	-4.20E-01	-2.98E-04	-3.23E-04	2.76E-03	0.00E+00	-3.55E-05	-1.79E-09	-1.84E-08	-1.00E-02	-4.37E+01	0.00E+00	0.00E+00	2.80E-01	-2.04E-02	-1.19E+00	0.00E+00	9.35E-08	-2.14E-08	-5.57E-04	-1.51E-05	-4.11E+00	0.00E+00	-1.19E+00	-2.87E-06	-1.19E+00	-7.18E+00	-4.11E+00	0.00E+00	0.00E+00	0.00E+00	-1.91E+01
VS312TJ	-2.63E-03	-3.59E-01	-5.81E-03	-5.58E-01	0.00E+00	0.00E+00	-4.45E-01	-3.02E-04	-3.96E-04	2.38E-03	0.00E+00	-7.46E-05	-2.10E-09	-1.83E-08	-3.24E-02	-4.60E+01	0.00E+00	0.00E+00	2.61E-01	-4.51E-02	-3.39E+00	0.00E+00	8.09E-08	-2.46E-08	-7.22E-04	-6.05E-05	-4.10E+00	0.00E+00	-3.39E+00	-2.01E-06	-3.39E+00	-1.10E+01	-4.10E+00	0.00E+00	0.00E+00	0.00E+00	-2.06E+01
VS312TM	-2.64E-03	-3.71E-01	-6.30E-03	-5.34E-01	0.00E+00	0.00E+00	-4.45E-01	-3.06E-04	-3.96E-04	2.88E-03	0.00E+00	-7.31E-05	-2.16E-09	-1.83E-08	-3.41E-02	-4.51E+01	0.00E+00	0.00E+00	2.23E-01	-4.65E-02	-3.39E+00	0.00E+00	8.56E-08	-2.49E-08	-7.22E-04	-6.23E-05	-3.79E+00	0.00E+00	-3.39E+00	-2.00E-06	-3.39E+00	-1.04E+01	-3.79E+00	0.00E+00	0.00E+00	0.00E+00	-1.94E+01
VS312TP	1.26E-03	-2.00E-01	6.25E-03	-5.29E-01	0.00E+00	0.00E+00	-3.74E-01	-2.19E-04	-2.61E-04	4.57E-03	0.00E+00	-4.09E-05	-3.82E-10	-1.10E-08	-1.93E-02	-4.86E+01	0.00E+00	0.00E+00	6.58E-01	-2.45E-02	-1.18E+00	0.00E+00	9.39E-08	-2.23E-08	-2.25E-04	-9.89E-06	-4.60E+00	0.00E+00	-1.18E+00	-1.41E-06	-1.18E+00	-6.18E+00	-4.60E+00	0.00E+00	0.00E+00	0.00E+00	-1.20E+01
VS312TR	-1.10E-02	4.22E-01	-2.03E-05	-2.14E-01	0.00E+00	0.00E+00	-8.93E-01	-1.06E-03	9.72E-04	3.56E-03	0.00E+00	-2.40E-05	-1.75E-09	-2.03E-08	2.28E-03	-3.91E+01	0.00E+00	0.00E+00	5.67E-01	-1.84E-02	-3.09E-01	0.00E+00	9.47E-08	-2.11E-08	-1.80E-05	-1.50E-05	-4.88E+00	0.00E+00	-3.09E-01	-2.44E-05	-3.09E-01	-4.58E+00	-4.88E+00	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
VS312TY	-3.68E-04	-2.71E-01	4.86E-03	-5.76E-01	0.00E+00	0.00E+00	-3.84E-01	-2.92E-04	-3.15E-04	4.40E-03	0.00E+00	-4.09E-05	-9.03E-10	-4.19E-08	-2.13E-02	-4.78E+01	0.00E+00	0.00E+00	6.23E-01	-2.45E-02	-9.41E-01	0.00E+00	9.47E-08	-2.24E-08	-2.15E-04	-9.89E-06	-4.61E+00	0.00E+00	-9.41E-01	-8.74E-06	-9.41E-01	-6.36E+00	-4.61E+00	0.00E+00	0.00E+00	0.00E+00	-1.23E+01
VS318PA	2.90E-03	1.01E+00	-3.22E-02	9.00E-01	0.00E+00	0.00E+00	1.93E+00	-3.03E-04	2.22E-03	1.54E-02	0.00E+00	-1.43E-04	-1.60E-09	-7.77E-08	1.04E-01	-6.27E+00	0.00E+00	0.00E+00	3.40E+00	-8.59E-02	2.32E+01	0.00E+00	2.21E-07	1.24E-08	1.43E-03	-6.85E-05	-1.80E+00	0.00E+00	2.32E+01	-1.08E-05	2.32E+01	1.51E+01	-1.80E+00	0.00E+00	0.00E+00	0.00E+00	3.02E+01
VS318PD	4.95E-03	2.18E+00	5.79E-02	2.13E+00	0.00E+00	0.00E+00	8.53E+00	-4.87E-04	1.90E-03	2.12E-02	0.00E+00	9.52E-19	1.12E-09	-3.76E-08	1.86E-01	3.43E+00	0.00E+00	0.00E+00	9.88E+00	3.55E-18	3.53E+01	0.00E+00	2.93E-07	1.00E-07	5.97E-03	0.00E+00	2.00E+00	0.00E+00	3.53E+01	-7.81E-06	3.53E+01	3.73E+01	2.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E+02
VS318PES	7.17E-03	9.60E-01	3.95E-02	9.21E-01	0.00E+00	0.00E+00	3.19E+00	-2.40E-04	3.28E-03	1.30E-02	0.00E+00	7.74E-19	-5.92E-09	9.28E-09	1.52E-01	-1.12E+01	0.00E+00	0.00E+00	3.42E+00	2.96E-18	2.30E+01	0.00E+00	2.25E-07	2.64E-08	2.27E-03	0.00E+00	-8.06E-01	0.00E+00	2.30E+01	-4.33E-06	2.30E+01	2.22E+01	-8.06E-01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
VS318PF	1.76E-03	9.53E-01	-3.45E-02	9.25E-01	0.00E+00	0.00E+00	1.69E+00	-3.74E-04	1.98E-03	1.49E-02	0.00E+00	-1.43E-04	-2.05E-09	-1.28E-07	9.79E-02	-7.31E+00	0.00E+00	0.00E+00	3.28E+00	-6.65E-02	2.19E+01	0.00E+00	2.22E-07	1.49E-08	1.17E-03	-6.71E-05	-2.05E+00	0.00E+00	2.19E+01	-1.97E-05	2.19E+01	1.54E+01	-2.05E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+01
VS318PJ	-2.46E-03	8.11E-01	-4.26E-02	7.88E-01	0.00E+00	0.00E+00	1.48E+00	-5.60E-04	1.77E-03	1.10E-02	0.00E+00	-1.90E-04	-2.65E-09	-1.26E-07	7.45E-02	-1.97E+01	0.00E+00	0.00E+00	2.69E+00	-1.01E-01	1.89E+01	0.00E+00	1.93E-07	-2.02E-09	9.37E-04	-9.78E-05	-2.15E+00	0.00E+00	1.89E+01	-2.22E-05	1.89E+01	9.86E+00	-2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+01
VS318PM	1.45E-03	9.41E-01	-3.76E-02	1.14E+00	0.00E+00	0.00E+00	1.63E+00	-4.91E-04	2.23E-03	1.44E-02	0.00E+00	-1.40E-04	-3.17E-09	-1.58E-07	9.15E-02	-1.27E+01	0.00E+00	0.00E+00	3.05E+00	-7.79E-02	2.26E+01	0.00E+00	2.21E-07	1.08E-08	1.30E-03	-6.11E-05	-2.11E+00	0.00E+00	2.26E+01	-2.56E-05	2.26E+01	1.50E+01	-2.11E+00	0.00E+00	0.00E+00	0.00E+00	9.37E+00
VS318PP	1.09E-02	1.36E+00	4.95E-02	1.31E+00	0.00E+00	0.00E+00	4.63E+00	-2.71E-04	5.63E-03	1.56E-02	0.00E+00	8.55E-19	-6.58E-09	3.09E-08	1.67E-01	3.28E+00	0.00E+00	0.00E+00	4.72E+00	3.27E-18	2.64E+01	0.00E+00	2.56E-07	4.27E-08	2.95E-03	0.00E+00	1.48E+00	0.00E+00	2.64E+01	-4.83E-06	2.64E+01	2.79E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	5.72E+01
VS318PS	-2.73E-02	1.94E+00	5.37E-02	1.89E+00	0.00E+00	0.00E+00	1.12E+00	-3.74E-03	5.31E-04	3.67E-03	0.00E+00	9.85E-19	-2.81E-09	-4.16E-07	1.83E-01	-6.81E+00	0.00E+00	0.00E+00	4.13E+00	3.67E-18	3.37E+01	0.00E+00	2.87E-07	4.08E-08	9.82E-04	0.00E+00	3.47E-01	0.00E+00	3.37E+01	-9.75E-05	3.37E+01	3.41E+01	3.47E-01	0.00E+00	0.00E+00	0.00E+00	1.30E+01
VS318PT	-3.46E-01	-6.95E+00	-3.92E-01	-6.56E+00	0.00E+00	0.00E+00	-9.35E+01	-3.34E-02	-1.71E-02	-2.16E-01	0.00E+00	-1.45E-03	-5.16E-08	-3.93E-06	-6.13E-01	-9.10E+01	0.00E+00	0.00E+00	-7.12E+01	-6.68E-01	-1.17E+02	0.00E+00	-2.14E-07	-7.91E-07	-6.44E-02	-5.50E-04	-1.66E+01	0.00E+00	-1.17E+02	-1.12E-03	-1.17E+02	-1.33E+02	-1.66E+01	0.00E+00	0.00E+00	0.00E+00	-3.08E+03
VS318PY	2.63E-03	9.58E-01	-3.03E-02	9.69E-01	0.00E+00	0.00E+00	2.00E+00	-3.46E-04	3.04E-03	1.42E-02	0.00E+00	-1.25E-04	-3.56E-09	-6.93E-08	1.06E-01	-1.10E+01	0.00E+00	0.00E+00	3.39E+00	-9.91E-02	2.21E+01	0.00E+00	2.18E-07	1.11E-08	1.46E-03	-6.61E-05	-1.35E+00	0.00E+00	2.21E+01	-1.81E-05	2.21E+01	1.68E+01	-1.35E+00	0.00E+00	0.00E+00	0.00E+00	2.51E+01
VS318TA	-3.38E-03	-1.16E+00	-7.15E-02	-1.14E+00	0.00E+00	0.00E+00	-5.48E-01	-1.34E-04	1.45E-03	1.05E-02	0.00E+00	-7.69E-04	-1.14E-09	-3.74E-08	-2.59E-01	-1.08E+02	0.00E+00	0.00E+00	1.95E+00	-3.14E-01	-2.83E+01	0.00E+00	6.49E-08	-1.09E-08	-3.86E-04	-3.05E-04	-1.51E+01	0.00E+00	-2.83E+01	-1.20E-06	-2.83E+01	-3.41E+01	-1.51E+01	0.00E+00	0.00E+00	0.00E+00	8.03E+00
VS318TD	-4.02E-03	-3.44E+00	-1.93E-01	-3.25E+00	0.00E+00	0.00E+00	-9.58E-01	1.16E-07	-6.51E-04	-1.15E-02	0.00E+00	-9.76E-04	2.18E-10	4.78E-09	-3.35E-01	-1.36E+02	0.00E+00	0.00E+00	2.42E+00	-4.51E-01	-4.95E+01	0.00E+00	7.88E-09	-8.50E-08	-3.74E-03	-3.71E-04	-1.97E+01	0.00E+00	-4.95E+01	9.89E-07	-4.95E+01	-6.92E+01	-1.97E+01	0.00E+00	0.00E+00	0.00E+00	4.90E+01
VS318TES	-5.94E-03	-9.11E-01	-7.46E-02	-1.03E+00	0.00E+00	0.00E+00	-5.46E-01	-1.62E-04	1.39E-03	6.10E-03	0.00E+00	-6.90E-04	-2.98E-09	-6.73E-08	-2.51E-01	-1.06E+02	0.00E+00	0.00E+00	8.44E-01	-2.73E-01	-2.45E+01	0.00E+00	6.78E-08	-2.49E-08	-1.68E-03	-2.82E-04	-1.31E+01	0.00E+00	-2.45E+01	-1.14E-05	-2.45E+01	-3.21E+01	-1.31E+01	0.00E+00	0.00E+00	0.00E+00	-4.08E+01
VS318TF	-3.99E-03	-1.17E+00	-7.29E-02	-1.13E+00	0.00E+00	0.00E+00	-5.13E-01	-2.11E-04	1.41E-03	1.05E-02	0.00E+00	-7.36E-04	-1.00E-09	-4.29E-08	-2.62E-01	-1.11E+02	0.00E+00	0.00E+00	1.35E+00	-2.90E-01	-2.77E+01	0.00E+00	7.48E-08	-1.53E-08	-5.13E-04	-2.94E-04	-1.49E+01	0.00E+00	-2.77E+01	-1.52E-06	-2.77E+01	-3.14E+01	-1.49E+01	0.00E+00	0.00E+00	0.00E+00	-2.95E+00
VS318TJ	-3.39E-03	-1.14E+00	-7.05E-02	-1.15E+00	0.00E+00	0.00E+00	-4.71E-01	-1.84E-04	1.45E-03	1.03E-02	0.00E+00	-7.33E-04	-9.24E-10	-4.29E-08	-2.54E-01	-1.10E+02	0.00E+00	0.00E+00	1.53E+00	-2.90E-01	-2.79E+01	0.00E+00	7.34E-08	-1.25E-08	-2.84E-04	-2.94E-04	-1.49E+01	0.00E+00	-2.79E+01	-1.43E-06	-2.79E+01	-3.10E+01	-1.49E+01	0.00E+00	0.00E+00	0.00E+00	-9.51E-01
VS318TM	-4.40E-03	-1.29E+00	-7.81E-02	-1.10E+00	0.00E+00	0.00E+00	-5.52E-01	-1.97E-04	1.62E-03	9.91E-03	0.00E+00	-8.29E-04	-1.55E-09	-5.49E-08	-2.65E-01	-1.09E+02	0.00E+00	0.00E+00	2.07E+00	-3.39E-01	-2.93E+01	0.00E+00	6.50E-08	-1.17E-08	-3.44E-04	-3.01E-04	-1.51E+01	0.00E+00	-2.93E+01	-9.03E-06	-2.93E+01	-3.45E+01	-1.51E+01	0.00E+00	0.00E+00	0.00E+00	9.95E+00
VS318TP	-3.39E-03	-1.18E+00	-7.15E-02	-1.16E+00	0.00E+00	0.00E+00	-5.48E-01	-1.35E-04	1.45E-03	1.05E-02	0.00E+00	-7.69E-04	-1.14E-09	-3.74E-08	-2.62E-01	-1.09E+02	0.00E+00	0.00E+00	1.95E+00	-3.16E-01	-2.83E+01	0.00E+00	6.57E-08	-1.09E-08	-4.16E-04	-3.05E-04	-1.51E+01	0.00E+00	-2.83E+01	-1.18E-06	-2.83E+01	-3.41E+01	-1.51E+01	0.00E+00	0.00E+00	0.00E+00	8.03E+00
VS318TS	-8.69E-03	-9.91E-01	-8.04E-02	-1.03E+00	0.00E+00	0.00E+00	-6.13E-01	-4.29E-04	1.04E-03	2.59E-03	0.00E+00	-7.06E-04	-3.44E-09	-7.64E-08	-2.45E-01	-1.07E+02	0.00E+00	0.00E+00	2.17E-01	-2.89E-01	-2.69E+01	0.00E+00	4.38E-08	-3.79E-08	-2.09E-03	-2.94E-04	-1.27E+01	0.00E+00	-2.69E+01	-1.50E-05	-2.69E+01	-3.29E+01	-1.27E+01	0.00E+00	0.00E+00	0.00E+00	-4.47E+01
VS412PA	-4.73E-03	-5.48E-01	-1.44E-01	-1.46E+00	0.00E+00	0.00E+00	-2.27E-01	-2.26E-04	1.83E-04	-9.61E-03	0.00E+00	-8.23E-04	-1.24E-09	-1.13E-08	-2.96E-01	-2.71E+01	0.00E+00	0.00E+00	1.82E+00	-4.03E-01	-2.70E+01	0.00E+00	8.99E-08	-1.96E-08	2.29E-04	-3.26E-04	-6.33E+00	0.00E+00	-2.70E+01	-1.09E-05	-2.70E+01	-2.84E+01	-6.33E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+01
VS412PD	-2.89E-03	-1.93E+00	-1.88E-01	-1.74E+00	0.00E+00	0.00E+00	-9.13E-01	4.07E-06	-4.14E-04	-7.23E-03	0.00E+00	-9.57E-04	4.56E-10	5.56E-09	-3.23E-01	-3.72E+01	0.00E+00	0.00E+00	2.71E+00	-4.42E-01	-4.66E+01	0.00E+00	2.38E-08	-3.22E-08	-2.67E-03	-3.64E-04	-5.37E+00	0.00E+00	-4.66E+01	9.23E-07	-4.66E+01	-5.19E+01	-5.37E+00	0.00E+00	0.00E+00	0.00E+00	6.11E+01
VS412PE	5.14E-03	2.57E+00	3.22E-02	2.54E+00	0.00E+00	0.00E+00	1.89E+00	-2.79E-04	1.93E-03	2.24E-02	0.00E+00	7.59E-19	-4.69E-09	-1.94E-08	1.16E-01	-5.02E-01	0.00E+00	0.00E+00	1.79E+00	2.90E-18	1.82E+01	0.00E+00	1.90E-07	3.30E-08	4.22E-03	0.00E+00	5.03E-01	0.00E+00	1.82E+01	-7.22E-06	1.82E+01	1.87E+01	5.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.05E+01
VS412PF	-5.20E-03	-7.56E-01	-1.45E-01	-1.61E+00	0.00E+00	0.00E+00	-2.65E-02	-2.00E-04	3.46E-04	-1.14E-02	0.00E+00	-7.32E-04	-1.43E-09	-1.16E-08	-2.61E-01	-3.32E+01	0.00E+00	0.00E+00	1.77E+00	-4.32E-01	-2.39E+01	0.00E+00	1.09E-07	-1.20E-08	-1.42E-03	-3.68E-04	-8.01E+00	0.00E+00	-2.39E+01	-1.24E-05	-2.39E+01	-2.90E+01	-8.01E+00	0.00E+00	0.00E+00	0.00E+00	-3.43E+00
VS412PJ	-9.64E-03	-6.67E-01	-1.50E-01	-1.42E+00	0.00E+00	0.00E+00	-2.86E-01	-3.15E-04	8.70E-05	-1.14E-02	0.00E+00	-8.33E-04	-2.47E-09	-1.40E-08	-2.84E-01	-3.57E+01	0.00E+00	0.00E+00	1.28E+00	-4.22E-01	-2.92E+01	0.00E+00	8.62E-08	-2.70E-08	-5.71E-05	-3.33E-04	-6.07E+00	0.00E+00	-2.92E+01	-1.28E-05	-2.92E+01	-3.25E+01	-6.07E+00	0.00E+00	0.00E+00	0.00E+00	-3.22E+00
VS412PM	-5.00E-03	-7.86E-01	-1.49E-01	-1.70E+00	0.00E+00	0.00E+00	2.69E-01	-2.05E-04	8.90E-04	-1.30E-02	0.00E+00	-7.28E-04	-1.78E-09	-9.97E-09	-2.56E-01	-3.35E+01	0.00E+00	0.00E+00	2.26E+00	-4.41E-01	-2.32E+01	0.00E+00	1.08E-07	-8.67E-09	-9.17E-04	-3.57E-04	-8.01E+00	0.00E+00	-2.32E+01	-1.54E-05	-2.32E+01	-2.92E+01	-8.01E+00	0.00E+00	0.00E+00	0.00E+00	8.24E+00
VS412PP	-7.14E-02	-8.26E-01	-1.89E-01	-6.36E-01	0.00E+00	0.00E+00	-1.67E+01	-7.15E-03	-2.61E-03	-3.33E-02	0.00E+00	-9.57E-04	-8.01E-09	-8.28E-07	-3.16E-01	-6.17E+01	0.00E+00	0.00E+00	-9.58E+00	-4.42E-01	-4.75E+01	0.00E+00	4.28E-08	-1.50E-07	-1.09E-02	-3.64E-04	-9.21E+00	0.00E+00	-4.75E+01	-2.05E-04	-4.75E+01	-5.67E+01	-9.21E+00	0.00E+00	0.00E+00	0.00E+00	-4.82E+02
VS412PR	-1.26E-02	5.85E-01	8.66E-03	-9.09E-01	0.00E+00	0.00E+00	5.57E-01	-1.07E-03	1.30E-03	6.81E-03	0.00E+00	-4.22E-05	-2.72E-09	-3.09E-08	-1.24E-02	-4.89E+01	0.00E+00	0.00E+00	2.63E+00	-2.27E-02	3.72E+00	0.00E+00	5.00E-08	2.29E-08	2.89E-03	-3.39E-05	-7.36E+00	0.00E+00	3.72E+00	-2.72E-05	3.72E+00	-3.89E+00	-7.36E+00	0.00E+00	0.00E+00	0.00E+00	5.65E+01
VS412PS	-4.03E-02	-2.08E+00	-1.90E-01	-1.89E+00	0.00E+00	0.00E+00	-9.36E+00	-3.76E-03	-2.20E-03	-2.72E-02	0.00E+00	-9.41E-04	-4.09E-09	-4.35E-07	-3.18E-01	-4.01E+01	0.00E+00	0.00E+00	-3.80E+00	-4.34E-01	-4.68E+01	0.00E+00	2.26E-08	-9.49E-08	-8.32E-03	-3.58E-04	-5.97E+00	0.00E+00	-4.68E+01	-1.07E-04	-4.68E+01	-5.28E+01	-5.97E+00	0.00E+00	0.00E+00	0.00E+00	-2.22E+02
VS412PT	-1.52E-01	-1.05E-02	1.30E-02	-2.36E-02	0.00E+00	0.00E+00	-3.53E+01	-1.65E-02	-4.62E-04	-7.87E-02	0.00E+00	8.51E-19	-2.70E-08	-1.86E-06	1.24E-01	-1.73E+01	0.00E+00	0.00E+00	-2.68E+01	3.26E-18	1.05E+01	0.00E+00	1.69E-07	-2.76E-07	-2.39E-02	0.00E+00	-2.68E+00	0.00E+00	1.05E+01	-5.91E-04	1.05E+01	7.80E+00	-2.68E+00	0.00E+00	0.00E+00	0.00E+00	-1.28E+03
VS412PY	-1.03E-02	-7.45E-01	-1.64E-01	-1.20E+00	0.00E+00	0.00E+00	-5.73E-01	-4.60E-04	4.94E-04	-1.53E-02	0.00E+00	-8.48E-04	-2.58E-09	-3.57E-08	-3.06E-01	-4.17E+01	0.00E+00	0.00E+00	1.17E+00	-4.37E-01	-2.93E+01	0.00E+00	6.93E-08	-2.88E-08	-1.07E-04	-3.40E-04	-7.10E+00	0.00E+00	-2.93E+01	-2.04E-05	-2.93E+01	-2.89E+01	-7.10E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+01
VS412TA	6.87E-03	6.04E-01	2.21E-02	-9.96E-01	0.00E+00	0.00E+00	2.65E-01	-1.62E-04	1.18E-03	1.46E-02	0.00E+00	-3.54E-05	2.65E-10	-1.49E-08	2.55E-02	-3.96E+01	0.00E+00	0.00E+00	2.68E+00	-1.71E-02	8.48E+00	0.00E+00	7.11E-08	1.53E-08	1.87E-03	-1.61E-05	-6.43E+00	0.00E+00	8.48E+00	2.13E-06	8.48E+00	-1.18E+00	-6.43E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+01
VS412TD	1.39E-02	3.95E+00	5.96E-02	3.89E+00	0.00E+00	0.00E+00	1.01E+01	2.50E-05	3.40E-03	3.67E-02	0.00E+00	9.65E-19	1.76E-09	2.63E-08	1.49E-01	4.56E+00	0.00E+00	0.00E+00	1.09E+01	3.61E-18	3.56E+01	0.00E+00	2.98E-07	1.33E-07	9.76E-03	0.00E+00	2.14E+00	0.00E+00	3.56E+01	1.26E-05	3.56E+01	3.78E+01	2.14E+00	0.00E+00	0.00E+00	0.00E+00	3.57E+02
VS412TE	5.16E-03	3.05E-01	-2.41E-03	-9.99E-01	0.00E+00	0.00E+00	2.60E-02	-1.55E-04	7.03E-04	1.13E-02	0.00E+00	-1.75E-04	-8.74E-10	-1.82E-08	-5.90E-04	-4.75E+01	0.00E+00	0.00E+00	2.24E+00	-8.92E-02	5.51E+00	0.00E+00	7.83E-08	8.78E-09	1.06E-03	-5.88E-05	-4.75E+00	0.00E+00	5.51E+00	1.06E-06	5.51E+00	-5.06E+00	-4.75E+00	0.00E+00	0.00E+00	0.00E+00	3.49E+01
VS412TF	7.28E-03	5.85E-01	1.71E-02	-1.16E+00	0.00E+00	0.00E+00	2.85E-01	-1.27E-04	1.14E-03	1.14E-02	0.00E+00	-3.65E-05	-3.12E-10	-1.97E-08	1.45E-02	-4.73E+01	0.00E+00	0.00E+00	2.66E+00	-2.13E-02	1.05E+01	0.00E+00	8.70E-08	1.35E-08	6.47E-04	-2.04E-05	-7.12E+00	0.00E+00	1.05E+01	1.68E-06	1.05E+01	1.36E+00	-7.12E+00	0.00E+00	0.00E+00	0.00E+00	4.32E+01
VS412TJ	4.85E-04	5.09E-01	5.46E-03	-9.61E-01	0.00E+00	0.00E+00	1.73E-01	-4.17E-04	8.05E-04	1.17E-02	0.00E+00	-8.98E-05	-1.55E-09	-2.30E-08	4.11E-03	-4.95E+01	0.00E+00	0.00E+00	1.53E+00	-3.00E-02	4.65E+00	0.00E+00	7.26E-08	1.50E-09	1.36E-03	-5.67E-05	-6.60E+00	0.00E+00	4.65E+00	-1.95E-07	4.65E+00	-5.02E+00	-6.60E+00	0.00E+00	0.00E+00	0.00E+00	7.94E+00
VS412TM	5.66E-03	5.48E-01	2.17E-02	-1.18E+00	0.00E+00	0.00E+00	-9.81E-02	-1.96E-04	1.14E-03	1.12E-02	0.00E+00	-4.04E-05	-5.03E-10	-2.70E-08	2.92E-02	-4.44E+01	0.00E+00	0.00E+00	2.63E+00	-2.04E-02	1.19E+01	0.00E+00	8.60E-08	1.36E-08	1.16E-03	-1.25E-05	-6.63E+00	0.00E+00	1.19E+01	-3.47E-06	1.19E+01	1.07E+00	-6.63E+00	0.00E+00	0.00E+00	0.00E+00	2.90E+01
VS412TP	6.43E-03	6.51E-01	2.38E-02	-9.22E-01	0.00E+00	0.00E+00	3.28E-01	-1.57E-04	1.24E-03	1.47E-02	0.00E+00	-4.49E-05	-1.97E-10	-1.33E-08	2.52E-02	-4.04E+01	0.00E+00	0.00E+00	2.73E+00	-1.76E-02	9.04E+00	0.00E+00	7.48E-08	1.77E-08	1.87E-03	-1.61E-05	-6.31E+00	0.00E+00	9.04E+00	1.96E-06	9.04E+00	1.09E-01	-6.31E+00	0.00E+00	0.00E+00	0.00E+00	3.56E+01
VS412TR	-1.33E-02	5.74E-01	1.10E-02	-9.04E-01	0.00E+00	0.00E+00	5.81E-01	-1.13E-03	1.33E-03	7.42E-03	0.00E+00	-3.36E-05	-2.65E-09	-3.15E-08	-6.77E-03	-4.91E+01	0.00E+00	0.00E+00	2.67E+00	-1.61E-02	4.04E+00	0.00E+00	7.54E-08	2.48E-08	3.09E-03	-2.21E-05	-7.82E+00	0.00E+00	4.04E+00	-2.69E-05	4.04E+00	-4.47E+00	-7.82E+00	0.00E+00	0.00E+00	0.00E+00	5.79E+01
VS418PA	3.06E-03	-6.93E-01	-2.64E-01	-5.95E-01	0.00E+00	0.00E+00	-4.17E+00	-8.16E-04	1.49E-03	5.01E-03	0.00E+00	-4.04E-04	-5.16E-09	-1.26E-07	5.88E-02	-1.90E+01	0.00E+00	0.00E+00	-2.10E-01	-4.31E-01	-1.50E+01	0.00E+00	1.47E-07	-4.10E-08	4.72E-04	-3.38E-04	-5.80E+00	0.00E+00	-1.50E+01	-7.91E-05	-1.50E+01	-2.35E+01	-5.80E+00	0.00E+00	0.00E+00	0.00E+00	-1.50E+02
VS418PD	-1.72E-04	1.43E+00	4.13E-02	1.39E+00	0.00E+00	0.00E+00	1.35E+00	-8.78E-04	1.25E-03	1.36E-02	0.00E+00	9.70E-19	-8.41E-09	-8.46E-08	1.88E-01	1.49E+00	0.00E+00	0.00E+00	2.05E+00	3.71E-18	2.78E+01	0.00E+00	2.77E-07	2.50E-08	1.82E-03	0.00E+00	1.09E+00	0.00E+00	2.78E+01	-2.62E-05	2.78E+01	2.89E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	-7.70E+01
VS418PES	-3.07E-02	9.90E-01	3.48E-02	9.55E-01	0.00E+00	0.00E+00	-6.16E+00	-3.92E-03	-1.53E-04	-4.35E-03	0.00E+00	9.70E-19	-1.25E-08	-4.39E-07	1.82E-01	-1.09E+01	0.00E+00	0.00E+00	-3.87E+00	3.71E-18	2.53E+01	0.00E+00	2.64E-07	-3.77E-08	-3.29E-03	0.00E+00	-9.28E-01	0.00E+00	2.53E+01	-1.10E-04	2.53E+01	2.44E+01	-9.28E-01	0.00E+00	0.00E+00	0.00E+00	-3.31E+02

VS418PF	-1.45E-04	-5.46E-01	-2.62E-01	-3.81E-01	0.00E+00	0.00E+00	-4.70E+00	-8.68E-04	1.54E-03	5.42E-03	0.00E+00	-4.04E-04	-6.32E-09	-1.52E-07	4.99E-02	-2.30E+01	0.00E+00	0.00E+00	-1.83E-01	-4.21E-01	-1.53E+01	0.00E+00	1.16E-07	-4.04E-08	-2.64E-04	-3.14E-04	-5.94E+00	0.00E+00	-1.53E+01	-8.35E-05	-1.53E+01	-2.10E+01	-5.94E+00	0.00E+00	0.00E+00	0.00E+00	-1.48E+02
VS418PJ	7.17E-05	-4.97E-01	-2.63E-01	-2.51E-01	0.00E+00	0.00E+00	-4.66E+00	-8.11E-04	1.73E-03	4.34E-03	0.00E+00	-4.19E-04	-6.69E-09	-1.55E-07	4.67E-02	-2.01E+01	0.00E+00	0.00E+00	-2.09E-01	-4.26E-01	-1.48E+01	0.00E+00	1.17E-07	-4.04E-08	-4.17E-05	-3.30E-04	-5.97E+00	0.00E+00	-1.48E+01	-8.37E-05	-1.48E+01	-1.99E+01	-5.97E+00	0.00E+00	0.00E+00	0.00E+00	-1.50E+02
VS418PM	2.82E-03	-1.41E+00	-2.60E-01	-1.22E+00	0.00E+00	0.00E+00	-6.42E+00	-7.60E-04	1.77E-03	3.72E-03	0.00E+00	-3.12E-04	-5.26E-09	-1.35E-07	6.43E-02	-2.61E+01	0.00E+00	0.00E+00	-8.76E-01	-4.37E-01	-3.81E+01	0.00E+00	1.04E-07	-6.01E-08	4.35E-04	-3.34E-04	-6.48E+00	0.00E+00	-3.81E+01	-8.53E-05	-3.81E+01	-3.85E+01	-6.48E+00	0.00E+00	0.00E+00	0.00E+00	-1.74E+02
VS418PP	-8.99E-02	-4.44E+00	-3.74E-01	-4.07E+00	0.00E+00	0.00E+00	-2.26E+01	-8.38E-03	-4.96E-03	-6.12E-02	0.00E+00	-1.82E-03	-9.60E-09	-9.75E-07	-6.27E-01	-8.78E+01	0.00E+00	0.00E+00	-1.08E+01	-8.40E-01	-9.39E+01	0.00E+00	1.85E-08	-2.18E-07	-1.85E-02	-6.92E-04	-1.32E+01	0.00E+00	-9.39E+01	-2.39E-04	-9.39E+01	-1.07E+02	-1.32E+01	0.00E+00	0.00E+00	0.00E+00	-5.68E+02
VS418PR	-5.78E-03	-4.91E-01	3.35E-02	-1.18E+00	0.00E+00	0.00E+00	2.47E+00	-2.53E-04	1.34E-03	7.72E-04	0.00E+00	-1.25E-05	-2.37E-09	-1.58E-08	-3.54E-02	-1.64E+02	0.00E+00	0.00E+00	4.50E+00	-1.24E-02	7.97E+00	0.00E+00	1.96E-07	-5.04E-09	-9.14E-04	-2.21E-05	-1.55E+01	0.00E+00	7.97E+00	-1.93E-05	7.97E+00	-7.22E+00	-1.55E+01	0.00E+00	0.00E+00	0.00E+00	7.25E+01
VS418PS	-1.04E-02	-5.32E+00	-3.85E-01	-4.94E+00	0.00E+00	0.00E+00	-1.22E+01	-3.51E-04	1.85E-04	-2.97E-02	0.00E+00	-1.80E-03	-9.91E-09	-1.61E-08	-6.60E-01	-7.71E+01	0.00E+00	0.00E+00	-5.81E+00	-8.32E-01	-1.05E+02	0.00E+00	-5.49E-08	-1.72E-07	-1.14E-02	-6.86E-04	-1.22E+01	0.00E+00	-1.05E+02	-1.85E-05	-1.05E+02	-1.18E+02	-1.22E+01	0.00E+00	0.00E+00	0.00E+00	-3.13E+02
VS418PT	-1.18E-01	-4.01E+00	-3.26E-01	-3.68E+00	0.00E+00	0.00E+00	-2.43E+01	-1.37E-02	1.05E-02	-8.24E-02	0.00E+00	-1.85E-03	-1.40E-08	-1.39E-06	-5.90E-01	-8.45E+01	0.00E+00	0.00E+00	-1.10E+01	-8.52E-01	-8.69E+01	0.00E+00	1.08E-07	-2.53E-07	-2.35E-02	-7.02E-04	-1.20E+01	0.00E+00	-8.69E+01	-3.94E-04	-8.69E+01	-9.90E+01	-1.20E+01	0.00E+00	0.00E+00	0.00E+00	-6.35E+02
VS418PY	3.77E-03	-1.06E+00	-2.59E-01	-9.73E-01	0.00E+00	0.00E+00	-6.91E+00	-2.44E-03	1.73E-03	7.13E-03	0.00E+00	-3.39E-04	-4.96E-09	-2.66E-07	5.58E-02	-1.51E+01	0.00E+00	0.00E+00	-9.78E-01	-4.31E-01	-3.18E+01	0.00E+00	1.77E-07	-5.26E-08	5.47E-04	-3.40E-04	-5.12E+00	0.00E+00	-3.18E+01	-8.34E-05	-3.18E+01	-3.56E+01	-5.12E+00	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
VS418TA	5.53E-03	-2.99E-01	-1.35E-02	2.71E-02	0.00E+00	0.00E+00	4.46E+00	-1.45E-04	1.99E-03	1.43E-02	0.00E+00	-5.99E-04	-3.30E-10	-1.22E-08	1.02E-01	-1.43E+02	0.00E+00	0.00E+00	5.66E+00	-2.36E-01	2.24E+01	0.00E+00	2.34E-07	1.47E-08	2.60E-03	-1.55E-04	-1.59E+01	0.00E+00	2.24E+01	-3.29E-06	2.24E+01	7.24E+00	-1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
VS418TD	8.82E-03	4.56E-01	5.72E-02	3.99E-01	0.00E+00	0.00E+00	1.03E+01	1.69E-05	2.08E-03	1.89E-02	0.00E+00	9.44E-19	1.56E-09	2.54E-08	1.68E-01	-1.16E+02	0.00E+00	0.00E+00	1.03E+01	3.49E-18	3.11E+01	0.00E+00	2.58E-07	4.20E-08	5.41E-03	0.00E+00	-1.53E+01	0.00E+00	3.11E+01	9.82E-06	3.11E+01	1.58E+01	-1.53E+01	0.00E+00	0.00E+00	0.00E+00	2.95E+02
VS418TES	-9.00E-04	-6.30E-01	-1.66E-02	-3.78E-01	0.00E+00	0.00E+00	3.91E+00	-1.41E-04	1.86E-03	8.11E-03	0.00E+00	-4.72E-04	-1.23E-09	-1.86E-08	8.43E-02	-1.63E+02	0.00E+00	0.00E+00	4.73E+00	-2.42E-01	1.41E+01	0.00E+00	2.34E-07	-8.27E-10	5.98E-05	-1.49E-04	-1.72E+01	0.00E+00	1.41E+01	-1.47E-05	1.41E+01	-4.15E-01	-1.72E+01	0.00E+00	0.00E+00	0.00E+00	7.48E+01
VS418TF	1.52E-03	-1.53E-01	-3.05E-02	3.64E-01	0.00E+00	0.00E+00	3.71E+00	-2.22E-04	1.94E-03	1.63E-02	0.00E+00	-6.25E-04	-1.73E-09	-3.35E-08	7.72E-02	-1.45E+02	0.00E+00	0.00E+00	4.49E+00	-2.31E-01	1.90E+01	0.00E+00	2.17E-07	1.32E-08	2.02E-03	-1.47E-04	-1.61E+01	0.00E+00	1.90E+01	-4.58E-06	1.90E+01	6.43E+00	-1.61E+01	0.00E+00	0.00E+00	0.00E+00	8.85E+01
VS418TJ	2.76E-03	-1.19E-01	-2.40E-02	2.04E-01	0.00E+00	0.00E+00	3.98E+00	-1.86E-04	2.06E-03	1.43E-02	0.00E+00	-6.19E-04	-1.46E-09	-1.82E-08	8.72E-02	-1.45E+02	0.00E+00	0.00E+00	5.43E+00	-2.36E-01	2.24E+01	0.00E+00	2.34E-07	1.49E-08	2.13E-03	-1.54E-04	-1.58E+01	0.00E+00	2.24E+01	-4.05E-06	2.24E+01	7.27E+00	-1.58E+01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
VS418TM	4.90E-03	-7.60E-01	-7.09E-03	-7.84E-01	0.00E+00	0.00E+00	3.88E+00	-1.96E-04	2.18E-03	1.20E-02	0.00E+00	-4.78E-04	-1.16E-09	-1.30E-08	1.01E-01	-1.45E+02	0.00E+00	0.00E+00	4.50E+00	-2.83E-01	8.95E+00	0.00E+00	2.15E-07	8.46E-10	2.13E-03	-1.95E-04	-1.56E+01	0.00E+00	8.95E+00	-1.46E-05	8.95E+00	-6.46E+00	-1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.19E+02
VS418TP	5.68E-03	-5.27E-01	4.00E-04	-2.58E-01	0.00E+00	0.00E+00	4.07E+00	-1.52E-04	2.00E-03	1.41E-02	0.00E+00	-5.02E-04	-3.22E-10	-1.21E-08	1.13E-01	-1.43E+02	0.00E+00	0.00E+00	5.23E+00	-2.36E-01	1.47E+01	0.00E+00	2.28E-07	6.26E-09	2.57E-03	-1.54E-04	-1.57E+01	0.00E+00	1.47E+01	-3.20E-06	1.47E+01	-9.36E-02	-1.57E+01	0.00E+00	0.00E+00	0.00E+00	1.30E+02
VS418TS	-1.10E-03	-6.13E-01	-1.36E-02	-3.62E-01	0.00E+00	0.00E+00	3.97E+00	-1.39E-04	1.88E-03	8.03E-03	0.00E+00	-4.44E-04	-1.34E-09	-1.83E-08	9.46E-02	-1.63E+02	0.00E+00	0.00E+00	4.74E+00	-2.43E-01	1.46E+01	0.00E+00	2.36E-07	-4.14E-10	8.63E-05	-1.43E-04	-1.72E+01	0.00E+00	1.46E+01	-1.48E-05	1.46E+01	6.34E-01	-1.72E+01	0.00E+00	0.00E+00	0.00E+00	7.60E+01
VS418TY	4.99E-03	-5.14E-01	4.00E-04	-2.26E-01	0.00E+00	0.00E+00	4.04E+00	-1.60E-04	2.19E-03	1.51E-02	0.00E+00	-4.80E-04	-3.61E-10	-1.24E-08	9.48E-02	-1.43E+02	0.00E+00	0.00E+00	5.19E+00	-2.32E-01	1.47E+01	0.00E+00	2.24E-07	4.15E-09	2.52E-03	-1.49E-04	-1.58E+01	0.00E+00	1.47E+01	-1.48E-05	1.47E+01	-1.32E-01	-1.58E+01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
VU12AT	-2.11E-02	-7.98E-01	-3.89E-03	-9.91E-01	0.00E+00	0.00E+00	-2.00E-02	-1.87E-03	-8.62E-04	-1.55E-02	0.00E+00	-2.41E-04	-1.53E-08	-1.85E-07	-1.49E-02	-2.02E+01	0.00E+00	0.00E+00	-2.46E+00	-1.01E-01	-5.58E+00	0.00E+00	7.55E-08	-6.05E-08	-4.13E-03	-1.05E-04	-1.79E+00	0.00E+00	-5.58E+00	-7.11E-05	-5.58E+00	-1.16E+01	-1.79E+00	0.00E+00	0.00E+00	0.00E+00	-2.14E+02
VU12DKN	-1.51E-02	-7.11E-01	-2.20E-02	-9.65E-01	0.00E+00	0.00E+00	7.83E-01	-1.35E-03	-5.16E-04	-1.28E-02	0.00E+00	-2.83E-04	-1.51E-08	-1.24E-07	-8.40E-03	-1.88E+01	0.00E+00	0.00E+00	-2.53E+00	-8.80E-02	-1.04E+01	0.00E+00	1.08E-07	-4.06E-08	-3.49E-03	-9.92E-05	-1.94E+00	0.00E+00	-1.04E+01	-4.82E-05	-1.04E+01	-1.66E+01	-1.94E+00	0.00E+00	0.00E+00	0.00E+00	-1.87E+02
VU12EP	-2.43E-02	-1.94E+00	-1.32E-02	-1.93E+00	0.00E+00	0.00E+00	-9.43E+00	-2.24E-03	-2.08E-03	-2.57E-02	0.00E+00	3.15E-19	-2.36E-08	-2.43E-07	2.75E-02	-9.66E+00	0.00E+00	0.00E+00	-1.54E+01	1.21E-18	-1.40E+01	0.00E+00	-1.23E-08	-1.97E-07	-1.21E-02	0.00E+00	-2.23E+00	0.00E+00	-1.40E+01	-8.10E-05	-1.40E+01	-1.62E+01	-2.23E+00	0.00E+00	0.00E+00	0.00E+00	-6.98E+02
VU12ET	-2.18E-02	-8.74E-01	-3.06E-02	-8.31E-01	0.00E+00	0.00E+00	-5.41E-01	-1.77E-03	-9.85E-04	-1.36E-02	0.00E+00	-1.60E-04	-1.65E-08	-1.71E-07	-3.53E-03	-2.03E+01	0.00E+00	0.00E+00	-3.35E+00	-7.08E-02	-8.76E+00	0.00E+00	4.17E-08	-4.62E-08	-4.09E-03	-7.32E-05	-2.25E+00	0.00E+00	-8.76E+00	-7.25E-05	-8.76E+00	-1.46E+01	-2.25E+00	0.00E+00	0.00E+00	0.00E+00	-2.42E+02
VU12IE	-9.08E-03	-5.37E-01	2.14E-03	-9.55E-01	0.00E+00	0.00E+00	1.00E+00	-9.10E-04	-3.75E-04	-8.25E-03	0.00E+00	-3.10E-04	-6.64E-09	-7.94E-08	-1.13E-02	-1.72E+01	0.00E+00	0.00E+00	-6.63E-01	-1.45E-01	-1.08E+01	0.00E+00	1.13E-07	-4.72E-08	-3.39E-03	-1.21E-04	-2.43E+00	0.00E+00	-1.08E+01	-3.24E-05	-1.08E+01	-1.13E+01	-2.43E+00	0.00E+00	0.00E+00	0.00E+00	-8.15E+01
VU12LN	-5.90E-03	-1.56E+00	-9.12E-02	-1.47E+00	0.00E+00	0.00E+00	7.58E-01	-4.76E-04	-1.48E-04	-1.10E-02	0.00E+00	-5.02E-04	-1.29E-08	-2.57E-08	-1.55E-01	-2.28E+01	0.00E+00	0.00E+00	-3.91E+00	-2.32E-01	-3.22E+01	0.00E+00	6.38E-09	-1.15E-07	-6.68E-03	-1.91E-04	-3.45E+00	0.00E+00	-3.22E+01	-2.45E-05	-3.22E+01	-3.57E+01	-3.45E+00	0.00E+00	0.00E+00	0.00E+00	-2.20E+02
VU12NA	-4.55E-03	-1.87E+00	-1.01E-01	-1.77E+00	0.00E+00	0.00E+00	3.99E+00	-3.44E-04	-1.59E-04	-1.13E-02	0.00E+00	-5.93E-04	-8.45E-09	-8.96E-09	-1.73E-01	-2.67E+01	0.00E+00	0.00E+00	1.13E-01	-2.74E-01	-3.14E+01	0.00E+00	2.99E-08	-8.53E-08	-5.73E-03	-2.25E-04	-3.66E+00	0.00E+00	-3.14E+01	-1.70E-05	-3.14E+01	-3.51E+01	-3.66E+00	0.00E+00	0.00E+00	0.00E+00	-6.30E+01
VU12NC	-3.55E-02	1.73E+00	7.24E-02	1.65E+00	0.00E+00	0.00E+00	9.87E+00	-4.47E-03	-4.43E-05	-3.66E-03	0.00E+00	1.07E-18	-2.64E-09	-4.81E-07	1.59E-01	-1.03E+01	0.00E+00	0.00E+00	7.20E+00	3.75E-18	2.96E+01	0.00E+00	2.41E-07	1.74E-08	-1.18E-03	0.00E+00	3.10E-01	0.00E+00	2.96E+01	-1.21E-04	2.96E+01	2.99E+01	3.10E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
VU12ND	-9.11E-03	6.59E-01	-3.81E-02	6.97E-01	0.00E+00	0.00E+00	1.32E+01	-1.40E-03	4.78E-04	4.50E-03	0.00E+00	-5.09E-04	2.42E-09	-1.28E-07	-7.92E-02	-2.40E+01	0.00E+00	0.00E+00	1.35E+01	-2.35E-01	-5.51E+00	0.00E+00	1.58E-07	2.74E-08	6.14E-04	-1.94E-04	-1.75E+00	0.00E+00	-5.51E+00	-3.54E-05	-5.51E+00	-7.26E+00	-1.75E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
VU12NE	-1.37E-02	-2.35E+00	-1.17E-01	-2.23E+00	0.00E+00	0.00E+00	-1.75E+00	-1.01E-03	-1.62E-03	-1.94E-02	0.00E+00	-5.93E-04	-1.43E-08	-9.83E-08	-1.93E-01	-2.46E+01	0.00E+00	0.00E+00	-5.75E+00	-2.74E-01	-3.89E+01	0.00E+00	-8.74E-09	-1.39E-07	-9.05E-03	-2.25E-04	-3.87E+00	0.00E+00	-3.89E+01	-4.40E-05	-3.89E+01	-4.27E+01	-3.87E+00	0.00E+00	0.00E+00	0.00E+00	-2.97E+02
VU12NG	-1.49E-02	-5.72E-01	-3.21E-02	-8.12E-01	0.00E+00	0.00E+00	8.86E-01	-1.15E-03	-3.82E-04	-1.02E-02	0.00E+00	-2.59E-04	-9.26E-09	-1.00E-07	-1.75E-02	-2.25E+01	0.00E+00	0.00E+00	-1.09E+00	-1.05E-01	-9.10E+00	0.00E+00	1.32E-07	-4.36E-08	-3.10E-03	-9.10E-05	-2.98E+00	0.00E+00	-9.10E+00	-5.29E-05	-9.10E+00	-1.38E+01	-2.98E+00	0.00E+00	0.00E+00	0.00E+00	-8.29E+01
VU12NK	-1.28E-03	-1.02E-01	1.29E-02	-1.76E-01	0.00E+00	0.00E+00	1.41E-01	-4.70E-04	4.06E-05	-7.44E-04	0.00E+00	-8.92E-05	-2.45E-09	-4.72E-08	-1.97E-02	-2.33E+00	0.00E+00	0.00E+00	-1.11E-01	-4.14E-02	-2.61E+00	0.00E+00	4.46E-08	-1.96E-08	-7.48E-04	-3.02E-05	-4.29E-01	0.00E+00	-2.61E+00	-1.69E-05	-2.61E+00	-3.08E+00	-4.29E-01	0.00E+00	0.00E+00	0.00E+00	-3.75E+01
VU12NN	-2.61E-02	-8.64E-01	-3.09E-02	-9.16E-01	0.00E+00	0.00E+00	-1.94E+00	-3.16E-03	-6.87E-04	-1.20E-02	0.00E+00	-2.52E-04	-1.58E-08	-3.75E-07	-1.53E-02	-1.96E+01	0.00E+00	0.00E+00	-4.16E+00	-9.31E-02	-1.15E+01	0.00E+00	1.08E-07	-5.57E-08	-4.44E-03	-8.92E-05	-2.63E+00	0.00E+00	-1.15E+01	-8.58E-05	-1.15E+01	-1.79E+01	-2.63E+00	0.00E+00	0.00E+00	0.00E+00	-2.25E+02
VU12NP	-1.54E-02	-5.63E-01	-3.32E-02	-8.36E-01	0.00E+00	0.00E+00	9.75E-01	-1.17E-03	-3.78E-04	-9.93E-03	0.00E+00	-2.53E-04	-9.22E-09	-9.67E-08	-1.99E-02	-1.95E+01	0.00E+00	0.00E+00	-1.02E+00	-1.06E-01	-1.01E+01	0.00E+00	1.37E-07	-4.17E-08	-3.16E-03	-9.54E-05	-2.57E+00	0.00E+00	-1.01E+01	-5.52E-05	-1.01E+01	-1.40E+01	-2.57E+00	0.00E+00	0.00E+00	0.00E+00	-7.50E+01
VU12NR	-1.65E-02	-7.79E-01	-1.73E-03	-1.05E+00	0.00E+00	0.00E+00	7.41E-01	-1.67E-03	-5.50E-04	-1.38E-02	0.00E+00	-2.69E-04	-1.70E-08	-1.49E-07	-1.46E-02	-1.99E+01	0.00E+00	0.00E+00	-2.83E+00	-8.92E-02	-4.91E+00	0.00E+00	1.10E-07	-4.66E-08	-3.83E-03	-1.07E-04	-1.72E+00	0.00E+00	-4.91E+00	-5.61E-05	-4.91E+00	-1.06E+01	-1.72E+00	0.00E+00	0.00E+00	0.00E+00	-2.37E+02
VU12NSG	-1.10E-02	-6.05E-01	-2.98E-02	-8.70E-01	0.00E+00	0.00E+00	1.03E+00	-9.11E-04	-3.21E-04	-7.26E-03	0.00E+00	-3.07E-04	-7.06E-09	-8.46E-08	-2.28E-02	-1.92E+01	0.00E+00	0.00E+00	-1.17E+00	-1.34E-01	-1.13E+01	0.00E+00	1.17E-07	-4.25E-08	-3.47E-03	-1.24E-04	-2.56E+00	0.00E+00	-1.13E+01	-3.32E-05	-1.13E+01	-1.53E+01	-2.56E+00	0.00E+00	0.00E+00	0.00E+00	-8.09E+01
VU12UA	-1.44E-02	-9.89E-01	2.92E-03	-9.30E-01	0.00E+00	0.00E+00	5.06E-01	-1.31E-03	-8.93E-04	-1.25E-02	0.00E+00	-2.16E-04	-1.36E-08	-1.19E-07	-5.84E-03	-1.84E+01	0.00E+00	0.00E+00	-1.81E+00	-8.14E-02	-8.04E+00	0.00E+00	6.52E-08	-4.95E-08	-4.34E-03	-9.26E-05	-1.61E+00	0.00E+00	-8.04E+00	-5.02E-05	-8.04E+00	-1.39E+01	-1.61E+00	0.00E+00	0.00E+00	0.00E+00	-1.55E+02
VU24EP	-1.52E-02	4.71E-01	-2.88E-02	4.99E-01	0.00E+00	0.00E+00	2.18E+01	-2.14E-03	2.64E-04	1.11E-03	0.00E+00	-6.00E-04	2.17E-09	-1.96E-07	-5.76E-02	-2.29E+01	0.00E+00	0.00E+00	1.62E+01	-2.77E-01	-1.61E-01	0.00E+00	2.34E-07	3.76E-08	-1.13E-04	-2.28E-04	-1.00E+00	0.00E+00	-1.61E-01	-5.55E-05	-1.61E-01	-1.17E+00	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E+02
VU24ET	-1.56E-02	-1.35E+00	1.07E-02	-9.45E-01	0.00E+00	0.00E+00	4.95E+00	-9.64E-04	-4.88E-05	-1.20E-02	0.00E+00	-2.24E-04	-2.17E-08	-1.08E-07	2.72E-02	-2.12E+01	0.00E+00	0.00E+00	-3.47E+00	-4.83E-02	-8.32E+00	0.00E+00	1.08E-07	-2.67E-08	-5.73E-03	-1.05E-04	-1.50E+00	0.00E+00	-8.32E+00	-4.09E-05	-8.32E+00	-1.34E+01	-1.50E+00	0.00E+00	0.00E+00	0.00E+00	-2.28E+02
VU24IE	-1.05E-02	4.78E-01	4.78E-02	-1.11E+00	0.00E+00	0.00E+00	1.83E+01	-1.38E-03	5.54E-04	1.79E-03	0.00E+00	-2.56E-04	-1.90E-09	-9.24E-08	4.83E-02	-9.88E+00	0.00E+00	0.00E+00	1.34E+01	-1.10E-01	1.31E+01	0.00E+00	1.93E-07	5.02E-08	-3.89E-06	-8.42E-05	1.04E-01	0.00E+00	1.31E+01	-4.27E-05	1.31E+01	9.91E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	4.06E+02
VU24LN	-9.10E-03	2.60E+00	1.16E-01	2.48E+00	0.00E+00	0.00E+00	2.80E+01	-2.13E-03	1.54E-03	1.55E-02	0.00E+00	1.49E-18	2.88E-09	-1.85E-07	2.19E-01	1.30E+00	0.00E+00	0.00E+00	1.97E+01	5.14E-18	4.33E+01	0.00E+00	3.36E-07	1.02E-07	4.31E-03	0.00E+00	3.20E+00	0.00E+00	4.33E+01	-5.21E-05	4.33E+01	4.65E+01	3.20E+00	0.00E+00	0.00E+00	0.00E+00	6.36E+02
VU24NA	8.73E-03	7.80E-01	-1.55E-02	7.95E-01	0.00E+00	0.00E+00	2.90E+01	6.22E-05	2.35E-03	1.49E-02	0.00E+00	-5.93E-04	5.19E-09	7.49E-08	-4.15E-02	-1.99E+01	0.00E+00	0.00E+00	2.17E+01	-2.74E-01	3.96E+00	0.00E+00	2.58E-07	8.69E-08	3.87E-03	-2.25E-04	-2.36E-01	0.00E+00	3.96E+00	8.32E-06	3.96E+00	3.72E+00	-2.36E-01	0.00E+00	0.00E+00	0.00E+00	7.47E+02
VU24NC	-2.64E-02	-8.19E-01	5.17E-02	-4.04E-01	0.00E+00	0.00E+00	4.28E+00	-3.97E-03	-6.69E-04	-1.19E-02	0.00E+00	-2.72E-04	-1.22E-08	-4.86E-07	4.71E-02	-1.76E+01	0.00E+00	0.00E+00	-4.46E+00	-7.51E-02	2.24E+00	0.00E+00	1.54E-07	-1.41E-08	-6.70E-03	-1.01E-04	4.29E-01	0.00E+00	2.24E+00	-9.40E-05	2.24E+00	-2.29E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	-2.78E+02
VU24NCT	-1.08E-02	-1.70E+00	1.71E-02	-1.38E+00	0.00E+00	0.00E+00	1.63E+00	-1.05E-03	-7.70E-05	-9.70E-03	0.00E+00	-3.03E-04	-2.13E-08	-5.29E-08	8.57E-03	-2.24E+01	0.00E+00	0.00E+00	-2.04E+00	-8.91E-02	-1.73E+01	0.00E+00	1.22E-07	-5.45E-09	-4.78E-03	-1.06E-04	-1.63E+00	0.00E+00	-1.73E+01	-2.48E-05	-1.73E+01	-1.68E+01	-1.63E+00	0.00E+00	0.00E+00	0.00E+00	-1.89E+02
VU24ND	-1.14E-02	-3.58E+00	-1.64E-02	-3.56E+00	0.00E+00	0.00E+00	-7.71E+00	-8.29E-04	-1.34E-03	-3.28E-02	0.00E+00	5.34E-19	-3.66E-08	-4.58E-08	9.08E-03	-1.11E+01	0.00E+00	0.00E+00	-1.88E+01	1.70E-18	-2.98E+01	0.00E+00	-7.83E-08	-3.06E-07	-1.79E-02	0.00E+00	-2.74E+00	0.00E+00	-2.98E+01	-5.06E-05	-2.98E+01	-3.25E+01	-2.74E+00	0.00E+00	0.00E+00	0.00E+00	-8.33E+02
VU24NE	-1.28E-02	-1.68E+00	1.36E-02	-8.43E-01	0.00E+00	0.00E+00	3.44E+00	-1.06E-03	-3.58E-05	-5.20E-03	0.00E+00	-4.27E-04	-2.68E-08	-8.24E-08	-1.32E-02	-2.25E+01	0.00E+00	0.00E+00	-6.23E+00	-1.25E-01	-1.32E+01	0.00E+00	1.21E-07	-3.52E-08	-5.85E-03	-1.42E-04	-1.34E-01	0.00E+00	-1.32E+01	-3.37E-05	-1.32E+01	-1.15E+01	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-3.69E+02
VU24NG	-2.28E-02	9.50E-01	6.80E-02	-4.48E-02	0.00E+00	0.00E+00	1.93E+01	-3.98E-03	2.88E-04	-2.79E-03	0.00E+00	-1.58E-04	-2.29E-09	-3.77E-07	8.10E-02	-1.25E+01	0.00E+00	0.00E+00	1.28E+01	-6.13E-02	2.04E+01	0.00E+00	2.53E-07	4.96E-08	-3.69E-05	-2.72E-05	1.54E-01	0.00E+00	2.04E+01	-7.47E-05	2.04E+01	1.22E+01	1.54E-01	0.00E+00	0.00E+00	0.00E+00	4.07E+02
VU24NH	-1.84E-02	-2.13E-01	5.52E-02	2.79E-01	0.00E+00	0.00E+00	1.53E+01	-3.80E-03	-3.84E-05	-5.02E-03	0.00E+00	-2.07E-04	-1.44E-08	-2.66E-07	4.50E-02	-1.46E+01	0.00E+00	0.00E+00	6.03E+00	-5.00E-02	9.18E-01	0.00E+00	2.45E-07	6.18E-10	-5.89E-03	-5.61E-05	-8.97E-01	0.00E+00	9.18E-01	-5.26E-05	9.18E-01	-5.38E+00	-8.97E-01	0.00E+00	0.00E+00	0.00E+00	1.21E+02
VU24NN	-2.72E-02	-2.48E+00	4.43E-02	-1.54E+00	0.00E+00	0.00E+00	1.52E+01	-4.00E-03	-1.19E-03	-4.77E-02	0.00E+00	-3.32E-04	-1.45E-08	-2.71E-07	-2.71E-02	-2.83E+01	0.00E+00	0.00E+00	6.03E+00	-1.29E-01	-3.87E+01	0.00E+00	2.30E-07	-1.45E-07	-1.21E-02	-1.13E-04	-3.72E+00	0.00E+00	-3.87E+01	-6.83E-05	-3.87E+01	-4.87E+01	-3.72E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+02
VU24NP	-2.38E-02	9.57E-01	6.92E-02	2.96E-02	0.00E+00	0.00E+00	1.90E+01	-3.92E-03	2.67E-04	-2.21E-03	0.00E+00	-1.74E-04	-2.30E-09	-3.79E-07	8.32E-02	-1.19E+01	0.00E+00	0.00E+00	1.25E+01	-6.97E-02	1.97E+01	0.00E+00	2.43E-07	5.43E-08	3.28E-05	-5.73E-05	4.61E-01	0.00E+00	1.97E+01	-7.87E-05	1.97E+01	9.71E+00	4.61E-01	0.00E+00	0.00E+00	0.00E+00	4.06E+02
VU24NR	-1.06E-02	-1.26E+00	3.94E-02	-8.43E-01	0.00E+00	0.00E+00	7.08E+00	-5.95E-04	3.20E-04	-6.42E-03	0.00E+00	-3.75E-04	-2.52E-08	-1.85E-08	5.61E-03	-1.84E+01	0.00E+00	0.00E+00	-2.55E+00	-6.79E-02	-4.17E-01	0.00E+00	1.70E-07	-1.30E-08	-6.62E-03	-1.51E-04	-3.25E-02	0.00E+00	-4.17E-01	-2.54E-05	-4.17E-01	-2.56E+00	-3.25E-02	0.00E+00	0.00E+00	0.00E+00	-2.18E+02
VU24NSG	-8.67E-03	1.09E+00	3.86E-02	5.74E-01	0.00E+00	0.00E+00	2.19E+01	-1.40E-03	5.87E-04	9.91E-04	0.00E+00	-2.96E-04	-2.49E-09	-9.84E-08	1.09E-01	-8.00E+00	0.00E+00	0.00E+00	1.62E+01	-1.03E-01	2.23E+01	0.00E+00	2.35E-07	5.23E-08	4.03E-03	-9.13E-05	-5.59E-01	0.00E+00	2.23E+01	-4.05E-05	2.23E+01	2.39E+01	-5.59E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+02
VU24NWB	-1.13E-02	-1.70E+00	2.35E-02	-1.80E+00	0.00E+00	0.00E+00	2.68E+00	-1.08E-03	-3.33E-04	-1.34E-02	0.00E+00	-2.63E-04	-2.62E-08	-6.65E-08	1.74E-02	-3.03E+01	0.00E+00	0.00E+00	-1.70E+00	-8.71E-02	-1.39E+01	0.00E+00	8.52E-08	-6.08E-08	-9.15E-03	-1.00E-04	-2.15E+00	0.00E+00	-1.39E+01	-2.94E-05	-1.39E+01	-1.40E+01	-2.15E+00	0.00E+00	0.00E+00	0.00E+00	-2.35E+02
VU24UA	-1.06E-02	-1.27E+00	3.01E-02	-9.69E-01	0.00E+00	0.00E+00	4.91E+00	-7.72E-04	-2.10E-04	-8.60E-03	0.00E+00	-3.35E-04	-2.39E-08	-5.68E-08	2.31E-02	-1.94E+01	0.00E+00	0.00E+00	-3.20E+00	-6.90E-02	-3.35E+00	0.00E+00	1.14E-07	-1.72E-09	-5.88E-03	-1.29E-04	2.60E-01	0.00E+00	-3.35E+00	-2.88E-05	-3.35E+00	-4.61E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.53E+02
VU36AT	-7.20E-02	-4.31E+00	-3.92E-02	-4.28E+00	0.00E+00	0.00E+00	-2.53E+01	-6.65E-03	-5.41E-03	-6.69E-02	0.00E+00	5.13E-19	-5.12E-08	-7.41E-07	1.88E-02	-2.45E+01	0.00E+00	0.00E+00	-3.71E+01	1.96E-18	-3.65E+01	0.00E+00	-8.46E-08	-4.61E-07	-2.91E-02	0.00E+00	-5.64E+00	0.00E+00	-3.65E+01	-2.28E-04	-3.65E+01	-4.22E+01	-5.64E+00	0.00E+00	0.00E+00	0.00E+00	-1.64E+03
VU36DKN	-2.29E-02	-4.57E+00	-1.67E-01	-4.89E+00	0.00E+00	0.00E+00	-1.55E+01	-1.72E-03	-3.94E-03	-4.00E-02	0.00E+00	-6.18E-04	-3.01E-08	-1.34E-07	-3.08E-01	-4.07E+01	0.00E+00	0.00E+00	-2.61E+01	-1.96E-01	-6.30E+01	0.00E+00	-1.49E-07	-3.12E-07	-1.12E-02	-2.44E-04	-6.50E+00	0.00E+00	-6.30E+01	-7.20E-05	-6.30E+01	-6.46E+01	-6.50E+00	0.00E+00	0.00E+00	0.00E+00	-1.19E+03
VU36EP	-5.85E-02	-7.32E+00	-2.54E-01	-7.07E+00	0.00E+00	0.00E+00	-2.72E+01	-4.38E-03	-6.37E-03	-7.62E-02	0.00E+00	-9.21E-04	-4.69E-08	-4.89E-07	-4.07E-01	-4.91E+01	0.00E+00	0.00E+00	-3.60E+01	-4.25E-01	-1.00E+02	0.00E+00	-2.34E-07	-4.97E-07	-3.16E-02	-3.50E-04	-9.94E+00	0.00E+00	-1.00E+02	-1.65E-04	-1.00E+02	-1.10E+02	-9.94E+00	0.00E+00	0.00E+00	0.00E+00	-1.54E+03
VU36IE	-1.35E-02	-7.12E-01	2.98E-02	-1.49E+00	0.00E+00	0.00E+00	7.82E+00	-1.28E-03	2.74E-04	-9.75E-03	0.00E+00	-2.51E-04	-4.07E-09	-8.99E-08	7.42E-03	-1.57E+01	0.00E+00	0.00E+00	4.23E+00	-1.20E-01	6.30E+00	0.00E+00	1.72E-07	-2.46E-08	-5.23E-04	-7.88E-05	-1.40E+00	0.00E+00	6.30E+00	-5.32E-05	6.30E+00	-4.83E-01	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	9.97E+01
VU36LN	-1.95E-02	-4.15E+00	-2.70E-02	-4.13E+00	0.00E+00	0.00E+00	-1.22E+01	-1.61E-03	-1.31E-03	-4.08E-02	0.00E+00	4.28E-19	-4.41E-08	-1.30E-07	1.72E-02	-1.41E+01	0.00E+00	0.00E+00	-2.67E+01	1.64E-18	-3.39E+01	0.00E+00	-8.06E-08	-3.63E-07	-2.12E-02	0.00E+00	-3.74E+00	0.00E+00	-3.39E+01	-8.23E-05	-3.39E+01	-3.77E+01	-3.74E+00	0.00E+00	0.00E+00	0.00E+00	-1.19E+03
VU36NA	1.82E-02	3.75E+00	1.47E-01	3.61E+00	0.00E+00	0.00E+00	3.80E+01	7.69E-05	4.40E-03	3.82E-02	0.00E+00	1.86E-18	5.30E-09	9.24E-08	2.90E-01	7.45E-01	0.00E+00	0.00E+00	2.85E+01	6.52E-18	5.79E+01	0.00E+00	4.52E-07	1.84E-07	1.07E-02	0.00E+00	3.92E+00	0.00E+00	5.79E+01	1.48E-05	5.79E+01	6.18E+01	3.92E+00	0.00E+00	0.00E+00	0.00E+00	9.55E+02
VU36NC	-2.66E-02	-3.77E+00	-1.11E-01	-3.72E+00	0.00E+00	0.00E+00	-1.41E+01	-3.89E-03	-4.22E-03	-2.56E-02	0.00E+00	-5.99E-04	-1.42E-08	-4.13E-07	-2.94E-01	-4.57E+01	0.00E+00	0.00E+00	-1.93E+01	-1.83E-01	-4.81E+01	0.00E+00	-7.01E-08	-3.03E-07	-1.11E-02	-2.33E-04	-3.21E+00	0.00E+00	-4.81E+01	-1.15E-04	-4.81E+01	-4.92E+01	-3.21E+00	0.00E+00	0.00E+00	0.00E+00	-8.41E+02
VU36NCT	-1.08E-02	-3.03E+00	-1.29E-01	-2.90E+00	0.00E+00	0.00E+00	2.56E+00	-6.56E-04	-1.81E-03	-2.17E-02	0.00E+00	-7.04E-04	-1.69E-08	-4.38E-08	-2.16E-01	-3.36E+01	0.00E+00	0.00E+00	-4.78E+00	-3.25E-01	-4.52E+01	0.00E+00	3.93E-10	-1.67E-07	-1.07E-02	-2.68E-04	-4.98E+00	0.00E+00	-4.52E+01	-3.36E-05	-4.52E+01	-5.02E+01	-4.98E+00	0.00E+00	0.00E+00	0.00E+00	-2.81E+02
VU36ND	-4.47E-02	-2.62E+00	-1.33E-01	-2.49E+00	0.00E+00	0.00E+00	-3.92E+00	-4.26E-03	-2.90E-03	-3.62E-02	0.00E+00	-7.72E-04	-2.52E-08	-4.53E-07	-2.25E-01	-4.07E+01	0.00E+00	0.00E+00	-8.79E+00	-3.57E-01	-4.99E+01	0.00E+00	2.05E-08	-2.48E-07	-1.65E-02	-2.94E-04	-5.87E+00	0.00E+00	-4.99E+01	-1.44E-04	-4.99E+01	-5.58E+01	-5.87E+00	0.00E+00	0.00E+00	0.00E+00	-4.71E+02
VU36NE	-3.96E-02	-7.47E+00	-2.51E-01	-7.22E+00	0.00E+00	0.00E+00	-2.31E+01	-2.41E-03	-5.70E-03	-6.74E-02	0.00E+00	-9.08E-04	-4.67E-08	-2.59E-07	-4.04E-01	-5.54E+01	0.00E+00	0.00E+00	-3.40E+01	-4.19E-01	-1.01E+02	0.00E+00	-2.44E-07	-4.86E-07	-2.96E-02	-3.45E-04	-1.09E+01	0.00E+00	-1.01E+02	-1.16E-04	-1.01E+02	-1.12E+02	-1.09E+01	0.00E+00	0.00E+00	0.00E+00	-1.45E+03
VU36NG	-2.43E-02	-3.75E-01	2.12E-02	-1.17E+00	0.00E+00	0.00E+00	1.60E+01	-3.86E-03	2.96E-05	-1.06E-02	0.00E+00	-1.86E-04	-3.93E-09	-2.46E-07	-8.21E-03	-2.29E+01	0.00E+00	0.00E+00	1.35E+01	-8.31E-02	5.20E+00	0.00E+00	2.57E-07	-2.82E-08	-9.42E-04	-6.57E-05	-4.07E+00	0.00E+00	5.20E+00	-9.67E-05	5.20E+00	-7.60E+00	-4.07E+00	0.00E+00	0.00E+00	0.00E+00	3.86E+02
VU36NH	-1.78E-02	-2.21E+00	-7.91E-02	-3.08E+00	0.00E+00	0.00E+00	-5.29E+00	-3.39E-03	-3.01E-03	-2.03E-02	0.00E+00	-4.50E-04	-1.53E-08	-2.19E-07	-1.44E-01	-3.60E+01	0.00E+00	0.00E+00	-3.58E+00	-1.76E-01	-2.98E+01	0.00E+00	-4.16E-08	-2.43E-07	-1.10E-02	-1.89E-04	-2.72E+00	0.00E+00	-2.98E+01	-7.64E-05	-2.98E+01	-3.88E+01	-2.72E+00	0.00E+00	0.00E+00	0.00E+00	-2.63E+02
VU36NKM	-7.71E-03	-1.88E+00	-6.38E-03	-6.45E-01	0.00E+00	0.00E+00	-9.03E-01	-7.45E-04	-1.34E-04	-7.71E-03	0.00E+00	-1.37E-04	-4.58E-09	-1.32E-07	-6.32E-02	-1.78E+01	0.00E+00	0.00E+00	-4.75E+00	-8.87E-02	-1.74E+01	0.00E+00	7.27E-08	-6.94E-08	-1.54E-03	-5.54E-05	-3.42E+00	0.00E+00	-1.74E+01	-2.29E-05	-1.74E+01	-2.36E+01	-3.42E+00	0.00E+00	0.00E+00	0.00E+00	-2.12E+02
VU36NMB	-2.58E-03	-6.34E-01	4.90E-02	-1.37E+00	0.00E+00	0.00E+00	1.21E+01	-6.34E-04	1.17E-03	-5.16E-03	0.00E+00	-1.08E-04	1.65E-09	-1.03E-09	1.66E-02	-1.71E+01	0.00E+00	0.00E+00	8.40E+00	-5.65E-02	2.63E+00	0.00E+00	2.10E-07	-1.55E-08	2.14E-03	-5.02E-05	-1.06E+00	0.00E+00	2.63E+00	-1.06E-05	2.63E+00	-8.72E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	2.75E+02
VU36NN	-2.74E-02	-3.49E+00	-1.48E-01	-4.52E+00	0.00E+00	0.00E+00	-9.11E+00	-3.65E-03	-3.97E-03	-3.07E-02	0.00E+00	-6.19E-04	-1.45E-08	-2.70E-07	-2.91E-01	-4.55E+01	0.00E+00	0.00E+00	-8.01E+00	-2.27E-01	-5.35E+01	0.00E+00	-7.54E-08	-2.95E-07	-1.14E-02	-2.53E-04	-6.27E+00	0.00E+00	-5.35E+01	-1.15E-04	-5.35E+01	-6.05E+01	-6.27E+00	0.00E+00	0.00E+00	0.00E+00	-3.94E+02
VU36NP	-2.26E-02	-2.70E-01	2.11E-02	-1.33E+00	0.00E+00	0.00E+00	1.54E+01	-3.79E-03	1.95E-05	-1.17E-02	0.00E+00	-1.64E-04	-3.44E-09	-2.39E-07	-8.56E-03	-2.19E+01	0.00E+00	0.00E+00	1.27E+01	-7.55E-02	6.13E+00	0.00E+00	2.51E-07	-2.04E-08	-1.02E-03	-6.12E-05	-3.30E+00	0.00E+00	6.13E+00	-9.87E-05	6.13E+00	-6.51E+00	-3.30E+00	0.00E+00	0.00E+00	0.00E+00	3.69E+02
VU36NR	-2.64E-02	-4.33E+00	-1.42E-01	-4.73E+00	0.00E+00	0.00E+00	-1.62E+01	-1.96E-03	-4.03E-03	-3.99E-02	0.00E+00	-6.37E-04	-3.11E-08	-1.56E-07	-3.07E-01	-4.42E+01	0.00E+00	0.00E+00	-2.60E+01	-1.89E-01	-4.90E+01	0.00E+00	-1.50E-07	-3.33E-07	-1.41E-02	-2.56E-04	-3.86E+00	0.00E+00	-4.90E+01	-1.03E-04	-4.90E+01	-5.09E+01	-3.86E+00	0.00E+00	0.00E+00	0.00E+00	-1.19E+03
VU36NRM	-9.27E-03	-3.73E+00	-1.08E-01	-3.89E+00	0.00E+00	0.00E+00	-1.02E+01	-1.20E-03	-3.13E-03	-2.64E-02	0.00E+00	-2.55E-04	-3.05E-08	-7.32E-08	-1.59E-01	-2.25E+01	0.00E+00	0.00E+00	-1.82E+01	-9.55E-02	-4.06E+01	0.00E+00	-1.19E-07	-2.74E-07	-1.26E-02	-9.24E-05	-2.47E+00	0.00E+00	-4.06E+01	-2.94E-05	-4.06E+01	-3.88E+01	-2.47E+00	0.00E+00	0.00E+00	0.00E+00	-8.43E+02
VU36NSG	-1.33E-02	-7.51E-01	-5.80E-03	-1.22E+00	0.00E+00	0.00E+00	8.29E+00	-1.42E-03	1.04E-04	-8.97E-03	0.00E+00	-2.40E-04	-3.98E-09	-6.96E-08	-4.28E-02	-1.79E+01	0.00E+00	0.00E+00	5.19E+00	-1.03E-01	-6.73E-01	0.00E+00	1.84E-07	-1.91E-08	1.77E-03	-1.02E-04	-3.65E+00	0.00E+00	-6.73E-01	-4.20E-05	-6.73E-01	-8.71E+00	-3.65E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+02
VU36NW	-2.83E-02	-4.85E+00	-1.57E-01	-5.42E+00	0.00E+00	0.00E+00	-1.56E+01	-1.98E-03	-4.41E-03	-5.64E-02	0.00E+00	-5.94E-04	-4.49E-08	-1.96E-07	-2.72E-01	-5.65E+01	0.00E+00	0.00E+00	-2.58E+01	-2.15E-01	-5.27E+01	0.00E+00	-1.99E-07	-3.89E-07	-2.14E-02	-2.04E-04	-1.01E+01	0.00E+00	-5.27E+01	-1.01E-04	-5.27E+01	-6.15E+01	-1.01E+01	0.00E+00	0.00E+00	0.00E+00	-1.16E+03
VU36UA	-2.58E-02	-4.65E+00	-1.35E-01	-4.83E+00	0.00E+00	0.00E+00	-1.82E+01	-1.98E-03	-4.17E-03	-3.84E-02	0.00E+00	-4.50E-04	-3.08E-08	-1.65E-07	-2.54E-01	-4.55E+01	0.00E+00	0.00E+00	-2.35E+01	-1.56E-01	-4.71E+01	0.00E+00	-1.43E-07	-3.49E-07	-1.38E-02	-1.55E-04	-3.44E+00	0.00E+00	-4.71E+01	-1.00E-04	-4.71E+01	-4.67E+01	-3.44E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E+03
VU36WWH	-2.21E-02	-2.67E+00	-1.26E-01	-5.23E+00	0.00E+00	0.00E+00	4.87E+00	-1.57E-03	-2.74E-03	-5.49E-02	0.00E+00	-4.79E-04	-4.39E-08	-1.39E-07	-1.76E-01	-5.63E+01	0.00E+00	0.00E+00	-1.03E+01	-1.91E-01	-1.86E+01	0.00E+00	-1.91E-07	-3.85E-07	-2.08E-02	-1.76E-04	-9.09E+00	0.00E+00	-1.86E+01	-7.84E-05	-1.86E+01	-3.46E+01	-9.09E+00	0.00E+00	0.00E+00	0.00E+00	-6.27E+02
VU48AT	2.50E-02	4.45E+00	1.83E-01	4.27E+00	0.00E+00	0.00E+00	4.67E+01	9.37E-05	7.69E-03	4.61E-02	0.00E+00	2.24E-18	6.56E-09	1.37E-07	3.51E-01	-5.89E+00	0.00E+00	0.00E+00	3.52E+01	7.87E-18	7.01E+01	0.00E+00	5.46E-07	2.22E-07	1.30E-02	0.00E+00	3.82E+00	0.00E+00	7.01E+01	1.75E-05	7.01E+01	7.39E+01	3.82E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+03

VU48EP	-1.31E-02	-4.46E+00	-2.00E-01	-4.26E+00	0.00E+00	0.00E+00	2.68E+00	-9.93E-04	-4.43E-04	-3.18E-02	0.00E+00	-1.10E-03	-2.70E-08	-4.61E-08	-3.39E-01	-4.41E+01	0.00E+00	0.00E+00	-7.08E+00	-5.07E-01	-6.91E+01	0.00E+00	9.20E-09	-2.43E-07	-1.58E-02	-4.17E-04	-6.59E+00	0.00E+00	-6.91E+01	-5.04E-05	-6.91E+01	-7.57E+01	-6.59E+00	0.00E+00	0.00E+00	0.00E+00	-4.17E+02
VU48ET	-1.86E-02	-1.24E+00	-1.34E-01	-1.95E+00	0.00E+00	0.00E+00	2.01E+01	-1.17E-03	-4.91E-04	-9.57E-03	0.00E+00	-5.45E-04	-2.67E-08	-5.05E-08	-1.80E-01	-2.96E+01	0.00E+00	0.00E+00	5.87E+00	-2.35E-01	-1.62E+01	0.00E+00	3.21E-07	-1.06E-07	-8.61E-03	-1.85E-04	-3.92E+00	0.00E+00	-1.62E+01	-7.63E-05	-1.62E+01	-1.66E+01	-3.92E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+01
VU48IE	-7.53E-03	4.29E-02	3.55E-02	-2.37E+00	0.00E+00	0.00E+00	7.16E+00	-1.40E-03	1.04E-03	-2.06E-02	0.00E+00	-1.88E-04	-3.49E-09	-7.32E-08	-3.94E-03	-1.36E+01	0.00E+00	0.00E+00	5.77E+00	-1.01E-01	1.22E+01	0.00E+00	2.22E-07	-1.01E-08	-3.35E-04	-6.62E-05	-2.98E-01	0.00E+00	1.22E+01	-6.52E-05	1.22E+01	4.56E+00	-2.98E-01	0.00E+00	0.00E+00	0.00E+00	1.75E+02
VU48LN	-1.91E-02	-3.36E+00	-1.96E-02	-3.34E+00	0.00E+00	0.00E+00	-1.30E+01	-1.90E-03	4.54E-05	-3.65E-02	0.00E+00	7.07E-19	-5.19E-08	-1.45E-07	4.10E-02	-5.49E+00	0.00E+00	0.00E+00	-3.01E+01	2.70E-18	-3.48E+01	0.00E+00	-4.52E-08	-4.00E-07	-2.23E-02	0.00E+00	-2.59E+00	0.00E+00	-3.48E+01	-9.63E-05	-3.48E+01	-3.74E+01	-2.59E+00	0.00E+00	0.00E+00	0.00E+00	-1.35E+03
VU48MMV	-1.06E-02	-3.09E+00	-1.78E-02	-3.33E+00	0.00E+00	0.00E+00	-3.80E+00	-1.11E-03	-1.77E-03	-2.17E-02	0.00E+00	-4.45E-04	-4.46E-08	-8.94E-08	-1.50E-03	-3.80E+01	0.00E+00	0.00E+00	-1.27E+01	-2.03E-01	-1.43E+01	0.00E+00	-1.62E-07	-2.61E-07	-1.55E-02	-1.09E-04	-6.56E+00	0.00E+00	-1.43E+01	-3.94E-05	-1.43E+01	-2.82E+01	-6.56E+00	0.00E+00	0.00E+00	0.00E+00	-7.00E+02
VU48NA	-1.47E-02	-1.18E-01	-9.86E-02	-1.97E-02	0.00E+00	0.00E+00	2.88E+01	-2.13E-03	3.29E-04	1.74E-03	0.00E+00	-1.08E-03	2.29E-09	-1.78E-07	-1.82E-01	-4.64E+01	0.00E+00	0.00E+00	2.26E+01	-5.01E-01	-1.59E+01	0.00E+00	3.03E-07	4.32E-08	-2.67E-04	-4.12E-04	-3.74E+00	0.00E+00	-1.59E+01	-5.34E-05	-1.59E+01	-1.97E+01	-3.74E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+02
VU48NC	-7.89E-02	-5.32E+00	-2.21E-01	-5.10E+00	0.00E+00	0.00E+00	-1.45E+01	-7.15E-03	-5.62E-03	-6.93E-02	0.00E+00	-1.08E-03	-3.72E-08	-7.89E-07	-3.61E-01	-6.87E+01	0.00E+00	0.00E+00	-2.21E+01	-5.01E-01	-7.92E+01	0.00E+00	-5.12E-08	-3.99E-07	-2.73E-02	-4.12E-04	-1.09E+01	0.00E+00	-7.92E+01	-2.31E-04	-7.92E+01	-9.01E+01	-1.09E+01	0.00E+00	0.00E+00	0.00E+00	-1.05E+03
VU48NCT	-1.07E-02	-2.84E+00	-1.14E-01	-2.90E+00	0.00E+00	0.00E+00	-1.10E+01	-1.11E-03	-2.84E-03	-2.41E-02	0.00E+00	-3.73E-04	-3.84E-08	-6.72E-08	-1.47E-01	-2.86E+01	0.00E+00	0.00E+00	-2.00E+01	-1.78E-01	-3.60E+01	0.00E+00	-1.63E-07	-2.25E-07	-9.19E-03	-1.42E-04	-2.47E+00	0.00E+00	-3.60E+01	-2.85E-05	-3.60E+01	-3.57E+01	-2.47E+00	0.00E+00	0.00E+00	0.00E+00	-8.83E+02
VU48ND	2.33E-02	4.19E+00	1.81E-01	4.01E+00	0.00E+00	0.00E+00	4.64E+01	9.68E-05	6.48E-03	4.30E-02	0.00E+00	2.30E-18	8.15E-09	1.28E-07	3.33E-01	1.22E+00	0.00E+00	0.00E+00	3.76E+01	7.79E-18	6.78E+01	0.00E+00	5.20E-07	2.22E-07	1.23E-02	0.00E+00	5.01E+00	0.00E+00	6.78E+01	1.84E-05	6.78E+01	7.28E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+03
VU48NE	-1.65E-02	-4.60E+00	-2.04E-01	-4.40E+00	0.00E+00	0.00E+00	1.25E+00	-1.07E-03	-2.30E-03	-3.38E-02	0.00E+00	-1.08E-03	-2.92E-08	-7.10E-08	-3.39E-01	-4.38E+01	0.00E+00	0.00E+00	-9.26E+00	-5.01E-01	-7.12E+01	0.00E+00	-3.13E-09	-2.64E-07	-1.69E-02	-4.12E-04	-6.73E+00	0.00E+00	-7.12E+01	-5.42E-05	-7.12E+01	-7.79E+01	-6.73E+00	0.00E+00	0.00E+00	0.00E+00	-5.05E+02
VU48NG	-1.99E-02	-6.68E-01	7.19E-03	-2.00E+00	0.00E+00	0.00E+00	1.00E+01	-2.02E-03	7.62E-04	-2.48E-02	0.00E+00	-1.42E-04	-4.17E-09	-2.62E-07	2.95E-02	-1.79E+01	0.00E+00	0.00E+00	5.54E+00	-7.35E-02	8.81E+00	0.00E+00	2.30E-07	-2.89E-08	-1.58E-05	-5.72E-05	-2.88E+00	0.00E+00	8.81E+00	-7.97E-05	8.81E+00	5.88E-01	-2.88E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+02
VU48NH	-1.10E-02	-3.60E+00	-6.88E-02	-4.19E+00	0.00E+00	0.00E+00	-9.74E-01	-1.63E-03	3.51E-04	-2.07E-03	0.00E+00	-5.68E-04	-1.34E-08	-5.02E-08	-2.04E-01	-3.24E+01	0.00E+00	0.00E+00	-6.87E+00	-2.38E-01	-3.26E+01	0.00E+00	1.35E-07	-2.71E-07	-1.69E-02	-1.75E-04	-3.37E+00	0.00E+00	-3.26E+01	-6.77E-05	-3.26E+01	-3.29E+01	-3.37E+00	0.00E+00	0.00E+00	0.00E+00	-4.37E+02
VU48NKM	-1.20E-02	-1.91E+00	1.40E-03	-1.41E+00	0.00E+00	0.00E+00	-1.17E+00	-8.42E-04	-4.34E-04	-1.50E-02	0.00E+00	-1.40E-04	-5.32E-09	-1.18E-07	-1.71E-02	-1.74E+01	0.00E+00	0.00E+00	-5.32E+00	-7.30E-02	-1.53E+01	0.00E+00	7.15E-08	-7.74E-08	-2.08E-03	-4.59E-05	-3.01E+00	0.00E+00	-1.53E+01	-2.02E-05	-1.53E+01	-2.22E+01	-3.01E+00	0.00E+00	0.00E+00	0.00E+00	-2.32E+02
VU48NN	-2.17E-02	-4.85E+00	-1.00E-01	-4.75E+00	0.00E+00	0.00E+00	-8.24E+00	-1.88E-03	-6.51E-04	-4.21E-02	0.00E+00	-5.69E-04	-1.34E-08	-1.37E-07	-2.48E-01	-4.73E+01	0.00E+00	0.00E+00	-1.61E+01	-2.40E-01	-5.73E+01	0.00E+00	9.19E-08	-3.17E-07	-1.74E-02	-2.21E-04	-5.46E+00	0.00E+00	-5.73E+01	-8.36E-05	-5.73E+01	-6.89E+01	-5.46E+00	0.00E+00	0.00E+00	0.00E+00	-7.49E+02
VU48NP	-1.82E-02	9.25E-02	1.05E-02	-1.64E+00	0.00E+00	0.00E+00	6.04E+00	-2.10E-03	6.23E-04	-2.46E-02	0.00E+00	-2.12E-04	-5.12E-09	-2.77E-07	-1.70E-02	-2.14E+01	0.00E+00	0.00E+00	4.76E+00	-8.80E-02	4.11E+00	0.00E+00	1.78E-07	-1.92E-09	-1.02E-03	-8.15E-05	-1.36E+00	0.00E+00	4.11E+00	-9.45E-05	4.11E+00	-5.47E+00	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+02
VU48NR	-5.61E-03	-7.94E-01	-9.09E-02	-2.53E+00	0.00E+00	0.00E+00	3.08E+01	-1.49E-03	1.68E-04	-1.69E-02	0.00E+00	-6.29E-04	-2.94E-08	-1.83E-07	-2.55E-01	-3.98E+01	0.00E+00	0.00E+00	1.40E+01	-2.83E-01	-1.67E+00	0.00E+00	3.09E-07	-1.11E-07	-7.85E-03	-2.29E-04	-1.01E+00	0.00E+00	-1.67E+00	-6.90E-05	-1.67E+00	-3.30E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	4.42E+02
VU48NRM	-9.81E-03	-2.73E+00	-1.11E-01	-3.09E+00	0.00E+00	0.00E+00	-1.11E+01	-1.09E-03	-2.88E-03	-2.25E-02	0.00E+00	-4.03E-04	-3.87E-08	-6.56E-08	-1.49E-01	-1.73E+01	0.00E+00	0.00E+00	-1.92E+01	-1.83E-01	-3.55E+01	0.00E+00	-1.55E-07	-2.20E-07	-8.98E-03	-1.46E-04	-6.42E-01	0.00E+00	-3.55E+01	-2.72E-05	-3.55E+01	-3.64E+01	-6.42E-01	0.00E+00	0.00E+00	0.00E+00	-8.53E+02
VU48NSG	-7.22E-03	4.93E-02	4.92E-03	-1.65E+00	0.00E+00	0.00E+00	6.89E+00	-1.36E-03	9.16E-04	-1.69E-02	0.00E+00	-2.84E-04	-4.67E-09	-9.36E-08	-2.07E-02	-2.01E+01	0.00E+00	0.00E+00	5.92E+00	-1.24E-01	2.51E+00	0.00E+00	1.69E-07	7.71E-09	1.28E-03	-1.07E-04	-1.48E+00	0.00E+00	2.51E+00	-4.44E-05	2.51E+00	-6.55E+00	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+02
VU48NW	-2.53E-02	-4.83E+00	-1.05E-01	-4.95E+00	0.00E+00	0.00E+00	-1.54E+01	-1.45E-03	-3.69E-03	-5.76E-02	0.00E+00	-5.70E-04	-4.62E-08	-1.33E-07	-8.26E-02	-5.12E+01	0.00E+00	0.00E+00	-2.25E+01	-2.45E-01	-4.95E+01	0.00E+00	-1.94E-07	-4.02E-07	-2.17E-02	-1.58E-04	-1.12E+01	0.00E+00	-4.95E+01	-7.60E-05	-4.95E+01	-5.32E+01	-1.12E+01	0.00E+00	0.00E+00	0.00E+00	-9.42E+02
VU48NWP	-3.21E-02	-8.19E+00	-2.34E-01	-7.95E+00	0.00E+00	0.00E+00	-2.12E+01	-1.69E-03	-5.06E-03	-6.60E-02	0.00E+00	-8.27E-04	-4.71E-08	-1.68E-07	-3.79E-01	-1.03E+02	0.00E+00	0.00E+00	-3.35E+01	-3.82E-01	-9.88E+01	0.00E+00	-2.54E-07	-5.06E-07	-2.93E-02	-3.15E-04	-1.77E+01	0.00E+00	-9.88E+01	-9.11E-05	-9.88E+01	-1.17E+02	-1.77E+01	0.00E+00	0.00E+00	0.00E+00	-1.42E+03
VU48UA	-7.85E-03	-1.28E+00	-9.95E-02	-1.99E+00	0.00E+00	0.00E+00	1.80E+01	-1.33E-03	-1.52E-04	-1.35E-02	0.00E+00	-6.74E-04	-3.74E-08	-1.14E-07	-1.78E-01	-3.83E+01	0.00E+00	0.00E+00	3.23E+00	-2.57E-01	-5.80E+00	0.00E+00	2.47E-07	-1.19E-07	-7.27E-03	-2.40E-04	-7.12E-01	0.00E+00	-5.80E+00	-6.01E-05	-5.80E+00	-9.50E+00	-7.12E-01	0.00E+00	0.00E+00	0.00E+00	-2.49E+01
VU48WWH	-1.70E-02	-1.90E+00	-5.72E-02	-5.10E+00	0.00E+00	0.00E+00	9.93E+00	-9.63E-04	-1.65E-03	-5.72E-02	0.00E+00	-2.86E-04	-4.76E-08	-2.53E-08	1.01E-01	-6.67E+01	0.00E+00	0.00E+00	1.21E+00	-1.49E-01	1.18E+00	0.00E+00	-1.52E-07	-4.29E-07	-2.29E-02	-7.06E-05	-1.20E+01	0.00E+00	1.18E+00	-4.05E-05	1.18E+00	-1.69E+01	-1.20E+01	0.00E+00	0.00E+00	0.00E+00	-7.87E+01
VU48WWV	-9.07E-03	-1.80E+00	-1.54E-02	-3.28E+00	0.00E+00	0.00E+00	8.20E+00	-9.55E-04	-1.20E-03	-2.17E-02	0.00E+00	-4.13E-04	-4.46E-08	-6.04E-08	3.78E-02	-4.26E+01	0.00E+00	0.00E+00	-4.35E+00	-1.90E-01	1.57E+00	0.00E+00	-1.59E-07	-2.61E-07	-1.55E-02	-1.06E-04	-6.70E+00	0.00E+00	1.57E+00	-3.31E-05	1.57E+00	-1.73E+01	-6.70E+00	0.00E+00	0.00E+00	0.00E+00	-3.64E+02
VU601PLH	-1.62E-02	-3.09E+00	-8.92E-03	-3.08E+00	0.00E+00	0.00E+00	-1.04E+01	-1.70E-03	-1.13E-03	-3.03E-02	0.00E+00	8.11E-19	-4.64E-08	-1.39E-07	8.68E-02	-6.16E+00	0.00E+00	0.00E+00	-2.43E+01	3.10E-18	-1.93E+01	0.00E+00	5.22E-08	-3.24E-07	-1.88E-02	0.00E+00	-2.13E+00	0.00E+00	-1.93E+01	-8.05E-05	-1.93E+01	-2.14E+01	-2.13E+00	0.00E+00	0.00E+00	0.00E+00	-1.13E+03
VU602NWH	-1.37E-02	-1.37E+00	6.22E-02	-2.89E+00	0.00E+00	0.00E+00	-8.34E+00	-1.77E-03	-5.90E-04	-2.19E-02	0.00E+00	-4.52E-04	-3.44E-08	-3.89E-07	-1.02E-01	-1.67E+01	0.00E+00	0.00E+00	-1.82E+01	-1.70E-01	-1.44E+01	0.00E+00	-9.35E-08	-1.83E-07	-1.47E-02	-1.46E-04	8.94E-02	0.00E+00	-1.44E+01	-9.65E-05	-1.44E+01	-1.62E+01	8.94E-02	0.00E+00	0.00E+00	0.00E+00	-9.62E+02
VU602WWH	-1.28E-02	-7.11E-01	6.55E-02	-2.64E+00	0.00E+00	0.00E+00	6.83E+00	-1.50E-03	2.03E-04	-2.22E-02	0.00E+00	-3.87E-04	-3.71E-08	-3.81E-07	3.32E-02	-1.93E+01	0.00E+00	0.00E+00	-8.96E+00	-1.36E-01	6.38E+00	0.00E+00	-1.06E-07	-1.86E-07	-1.45E-02	-9.62E-05	-8.95E-01	0.00E+00	6.38E+00	-7.22E-05	6.38E+00	-7.22E-01	-8.95E-01	0.00E+00	0.00E+00	0.00E+00	-5.66E+02
VU603NWH	-3.41E-02	4.39E+00	1.69E-01	4.22E+00	0.00E+00	0.00E+00	3.23E+01	-5.54E-03	1.89E-03	1.72E-02	0.00E+00	-5.81E-17	8.17E-10	-5.58E-07	1.87E-01	5.80E+00	0.00E+00	0.00E+00	2.48E+01	-1.12E-16	7.17E+01	0.00E+00	5.74E-07	1.43E-07	4.83E-03	0.00E+00	5.20E+00	0.00E+00	7.17E+01	-1.41E-04	7.17E+01	7.69E+01	5.20E+00	0.00E+00	0.00E+00	0.00E+00	7.28E+02
VU603PLH	2.00E-02	5.01E+00	1.82E-01	4.82E+00	0.00E+00	0.00E+00	4.55E+01	-2.38E-04	4.91E-03	4.89E-02	0.00E+00	2.36E-18	7.40E-09	6.75E-08	3.75E-01	8.16E+00	0.00E+00	0.00E+00	3.49E+01	8.33E-18	7.62E+01	0.00E+00	5.98E-07	2.42E-07	1.37E-02	0.00E+00	5.92E+00	0.00E+00	7.62E+01	1.12E-05	7.62E+01	8.21E+01	5.92E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+03
VU60AT	2.93E-03	3.81E-01	1.45E-02	-1.48E+00	0.00E+00	0.00E+00	2.66E+01	-1.37E-03	3.02E-03	1.45E-03	0.00E+00	-2.37E-04	-1.77E-08	-7.80E-09	8.51E-02	-2.84E+01	0.00E+00	0.00E+00	1.60E+01	-1.01E-01	4.00E+00	0.00E+00	2.27E-07	-5.05E-08	-8.37E-03	-1.09E-04	8.53E-01	0.00E+00	4.00E+00	-6.61E-05	4.00E+00	-2.10E+00	8.53E-01	0.00E+00	0.00E+00	0.00E+00	4.01E+02
VU60DKN	-9.86E-03	-3.05E-01	-1.43E-02	-3.60E-01	0.00E+00	0.00E+00	2.23E+01	-2.13E-03	3.06E-03	-8.35E-03	0.00E+00	-2.41E-04	-2.80E-08	-2.00E-07	8.41E-02	-1.43E+01	0.00E+00	0.00E+00	7.63E+00	-9.94E-02	-1.54E+01	0.00E+00	2.50E-07	-1.42E-08	-6.21E-03	-1.16E-04	-1.20E+00	0.00E+00	-1.54E+01	-7.30E-05	-1.54E+01	-2.31E+01	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+01
VU60EP	1.26E-02	2.86E-01	-1.19E-01	4.05E-01	0.00E+00	0.00E+00	3.81E+01	8.43E-05	4.74E-03	1.87E-02	0.00E+00	-1.32E-03	5.61E-09	1.19E-07	-2.31E-01	-5.32E+01	0.00E+00	0.00E+00	3.08E+01	-6.08E-01	-1.98E+01	0.00E+00	3.64E-07	1.00E-07	4.41E-03	-5.01E-04	-4.14E+00	0.00E+00	-1.98E+01	1.12E-05	-1.98E+01	-2.40E+01	-4.14E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+03
VU60ET	-9.95E-03	-2.11E-01	-2.55E-02	-2.42E-01	0.00E+00	0.00E+00	2.57E+01	-2.08E-03	3.01E-03	4.15E-03	0.00E+00	-2.83E-04	-1.42E-08	-4.67E-08	6.10E-02	-2.04E+01	0.00E+00	0.00E+00	1.44E+01	-1.08E-01	-1.34E+01	0.00E+00	2.73E-07	-1.38E-08	-6.82E-03	-1.07E-04	-1.33E+00	0.00E+00	-1.34E+01	-6.64E-05	-1.34E+01	-1.97E+01	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.81E+02
VU60MMV	-1.65E-02	-2.98E+00	5.60E-02	-4.32E+00	0.00E+00	0.00E+00	-2.13E+00	-1.38E-03	-3.04E-03	-2.65E-02	0.00E+00	-4.36E-04	-5.05E-08	-1.34E-07	-4.58E-02	-7.49E+01	0.00E+00	0.00E+00	-1.42E+01	-1.99E-01	-1.32E+01	0.00E+00	-1.67E-07	-2.76E-07	-1.70E-02	-1.18E-04	-8.64E+00	0.00E+00	-1.32E+01	-4.25E-05	-1.32E+01	-2.84E+01	-8.64E+00	0.00E+00	0.00E+00	0.00E+00	-8.38E+02
VU60NA	-5.62E-04	-4.33E-01	7.87E-02	-5.12E-01	0.00E+00	0.00E+00	1.55E+01	-1.07E-03	2.53E-03	-2.64E-03	0.00E+00	1.54E-18	-2.82E-08	-2.69E-08	2.14E-01	-9.91E+00	0.00E+00	0.00E+00	1.92E-01	5.52E-18	1.66E+01	0.00E+00	2.59E-07	-1.26E-07	-7.44E-03	0.00E+00	-1.01E-01	0.00E+00	1.66E+01	-4.66E-05	1.66E+01	1.65E+01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-2.03E+02
VU60NC	-3.08E-03	3.64E-01	2.45E-02	-1.06E+00	0.00E+00	0.00E+00	2.76E+01	-1.69E-03	2.92E-03	4.23E-03	0.00E+00	-2.90E-04	-1.90E-08	-1.11E-07	8.69E-02	-1.45E+01	0.00E+00	0.00E+00	1.30E+01	-1.10E-01	3.99E+00	0.00E+00	2.32E-07	-4.29E-08	-8.78E-03	-9.59E-05	1.28E+00	0.00E+00	3.99E+00	-8.21E-05	3.99E+00	-8.51E-01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	2.90E+02
VU60NE	5.85E-03	4.40E+00	1.86E-01	4.21E+00	0.00E+00	0.00E+00	4.55E+01	-1.49E-03	3.78E-03	3.85E-02	0.00E+00	2.43E-18	4.71E-09	-7.85E-08	3.81E-01	-7.12E+00	0.00E+00	0.00E+00	3.40E+01	8.53E-18	7.48E+01	0.00E+00	5.86E-07	2.05E-07	1.08E-02	0.00E+00	3.83E+00	0.00E+00	7.48E+01	-3.78E-05	7.48E+01	7.87E+01	3.83E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+03
VU60NG	-1.16E-02	-2.23E+00	-1.85E-02	-3.59E+00	0.00E+00	0.00E+00	-5.97E+00	-1.84E-03	1.51E-03	-3.87E-03	0.00E+00	-2.76E-04	-4.09E-09	-5.09E-08	3.77E-02	-3.00E+01	0.00E+00	0.00E+00	-5.35E+00	-1.20E-01	-1.32E+01	0.00E+00	5.92E-08	-1.87E-07	-7.75E-03	-1.05E-04	-3.66E+00	0.00E+00	-1.32E+01	-6.56E-05	-1.32E+01	-1.55E+01	-3.66E+00	0.00E+00	0.00E+00	0.00E+00	-2.03E+02
VU60NH	2.57E-03	2.85E-01	1.47E-02	-1.49E+00	0.00E+00	0.00E+00	2.65E+01	-1.40E-03	2.98E-03	1.25E-03	0.00E+00	-2.32E-04	-1.77E-08	-1.23E-08	8.41E-02	-2.79E+01	0.00E+00	0.00E+00	1.58E+01	-9.89E-02	3.59E+00	0.00E+00	2.24E-07	-5.30E-08	-8.37E-03	-1.04E-04	7.65E-01	0.00E+00	3.59E+00	-6.67E-05	3.59E+00	-3.48E+00	7.65E-01	0.00E+00	0.00E+00	0.00E+00	3.85E+02
VU60NKM	-1.11E-02	-1.79E+00	-7.29E-02	-1.76E+00	0.00E+00	0.00E+00	-1.61E+00	-8.14E-04	-1.57E-03	-1.85E-02	0.00E+00	-2.73E-04	-6.55E-09	-1.16E-07	-1.32E-01	-1.68E+01	0.00E+00	0.00E+00	-7.97E+00	-1.12E-01	-1.68E+01	0.00E+00	-1.10E-07	-1.32E-07	-4.06E-03	-8.51E-05	-2.87E+00	0.00E+00	-1.68E+01	-2.15E-05	-1.68E+01	-2.18E+01	-2.87E+00	0.00E+00	0.00E+00	0.00E+00	-3.21E+02
VU60NN	-1.93E-02	-4.87E+00	-1.49E-02	-4.86E+00	0.00E+00	0.00E+00	-1.33E+01	-2.12E-03	1.80E-03	-4.71E-02	0.00E+00	7.84E-19	-5.78E-08	-1.37E-07	6.76E-02	-1.88E+01	0.00E+00	0.00E+00	-3.19E+01	3.00E-18	-3.54E+01	0.00E+00	-2.93E-08	-4.47E-07	-2.59E-02	0.00E+00	-4.52E+00	0.00E+00	-3.54E+01	-1.06E-04	-3.54E+01	-4.00E+01	-4.52E+00	0.00E+00	0.00E+00	0.00E+00	-1.46E+03
VU60NR	1.89E-04	-3.34E-01	1.21E-02	-1.25E+00	0.00E+00	0.00E+00	2.54E+01	-1.71E-03	2.98E-03	-7.63E-03	0.00E+00	-2.79E-04	-2.93E-08	-1.62E-07	1.00E-01	-1.56E+01	0.00E+00	0.00E+00	1.12E+01	-1.13E-01	-3.62E+00	0.00E+00	2.30E-07	-4.71E-08	-8.56E-03	-1.12E-04	5.09E-01	0.00E+00	-3.62E+00	-7.13E-05	-3.62E+00	-1.01E+01	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.66E+02
VU60NW	-4.29E-02	-7.56E+00	-2.64E-01	-7.29E+00	0.00E+00	0.00E+00	-2.45E+01	-2.99E-03	-5.79E-03	-6.94E-02	0.00E+00	-9.96E-04	-5.38E-08	-3.17E-07	-4.08E-01	-4.72E+01	0.00E+00	0.00E+00	-3.60E+01	-4.60E-01	-1.01E+02	0.00E+00	-1.79E-07	-5.07E-07	-3.15E-02	-3.79E-04	-9.65E+00	0.00E+00	-1.01E+02	-1.28E-04	-1.01E+02	-1.11E+02	-9.65E+00	0.00E+00	0.00E+00	0.00E+00	-1.56E+03
VU60NWB	-1.04E-02	-3.00E+00	2.70E-02	-3.36E+00	0.00E+00	0.00E+00	-1.37E+01	-1.37E-03	-1.71E-03	-2.26E-02	0.00E+00	-4.31E-04	-4.40E-08	-9.74E-08	-5.39E-02	-2.31E+01	0.00E+00	0.00E+00	-1.57E+01	-1.98E-01	-2.65E+01	0.00E+00	-1.67E-07	-2.29E-07	-1.51E-02	-1.38E-04	-1.67E+00	0.00E+00	-2.65E+01	-3.81E-05	-2.65E+01	-2.97E+01	-1.67E+00	0.00E+00	0.00E+00	0.00E+00	-7.98E+02
VU60NWP	-4.55E-02	-9.52E+00	-2.81E-01	-9.24E+00	0.00E+00	0.00E+00	-2.66E+01	-2.72E-03	-6.75E-03	-8.00E-02	0.00E+00	-9.96E-04	-5.41E-08	-2.92E-07	-4.53E-01	-1.24E+02	0.00E+00	0.00E+00	-3.95E+01	-4.60E-01	-1.16E+02	0.00E+00	-2.92E-07	-5.91E-07	-3.47E-02	-3.79E-04	-2.13E+01	0.00E+00	-1.16E+02	-1.28E-04	-1.16E+02	-1.37E+02	-2.13E+01	0.00E+00	0.00E+00	0.00E+00	-1.68E+03
VU60UA	6.42E-04	-4.43E-01	6.48E-02	-5.65E-01	0.00E+00	0.00E+00	1.98E+01	-1.46E-03	2.87E-03	-8.90E-03	0.00E+00	-2.28E-04	-3.90E-08	-9.83E-08	1.03E-01	-1.20E+01	0.00E+00	0.00E+00	7.89E+00	-8.43E-02	1.74E+00	0.00E+00	1.98E-07	-2.93E-08	-7.71E-03	-1.05E-04	1.14E+00	0.00E+00	1.74E+00	-6.23E-05	1.74E+00	-3.23E+00	1.14E+00	0.00E+00	0.00E+00	0.00E+00	5.19E+01
VU60WWH	1.47E-02	1.41E+00	1.25E-01	1.28E+00	0.00E+00	0.00E+00	3.18E+01	5.92E-05	3.40E-03	2.92E-02	0.00E+00	1.66E-18	5.06E-09	7.39E-08	2.57E-01	-1.28E+02	0.00E+00	0.00E+00	2.40E+01	5.87E-18	5.00E+01	0.00E+00	3.92E-07	9.80E-08	8.36E-03	0.00E+00	-1.53E+01	0.00E+00	5.00E+01	1.40E-05	5.00E+01	3.47E+01	-1.53E+01	0.00E+00	0.00E+00	0.00E+00	7.92E+02
VU60WWV	-1.69E-02	-1.96E+00	4.18E-02	-4.25E+00	0.00E+00	0.00E+00	1.20E+01	-1.14E-03	-2.66E-03	-2.91E-02	0.00E+00	-3.85E-04	-4.91E-08	-9.04E-08	1.03E-02	-7.80E+01	0.00E+00	0.00E+00	-3.39E+00	-1.81E-01	7.13E-01	0.00E+00	-1.75E-07	-2.86E-07	-1.69E-02	-1.10E-04	-9.11E+00	0.00E+00	7.13E-01	-3.43E-05	7.13E-01	-2.20E+01	-9.11E+00	0.00E+00	0.00E+00	0.00E+00	-3.52E+02
VZ002VB	-5.88E-04	-2.73E-01	-2.38E-02	-2.50E-01	0.00E+00	0.00E+00	-6.70E-01	-2.24E-06	-1.18E-04	-1.32E-03	0.00E+00	-1.12E-04	-8.46E-11	-9.97E-10	-4.06E-02	-4.34E+00	0.00E+00	0.00E+00	-8.32E-02	-5.15E-02	-6.08E+00	0.00E+00	-2.05E-09	-6.22E-09	-4.53E-04	-4.24E-05	-6.76E-01	0.00E+00	-6.08E+00	-1.24E-07	-6.08E+00	-6.76E+00	-6.76E-01	0.00E+00	0.00E+00	0.00E+00	-7.38E+00
VZ006VB	2.16E-04	4.55E-02	2.25E-03	4.32E-02	0.00E+00	0.00E+00	7.00E-01	1.39E-06	4.07E-05	4.46E-04	0.00E+00	2.69E-20	1.16E-10	1.50E-09	3.58E-03	4.50E-02	0.00E+00	0.00E+00	4.63E-01	9.10E-20	7.39E-01	0.00E+00	5.52E-09	2.41E-09	1.25E-04	0.00E+00	6.66E-02	0.00E+00	7.39E-01	1.75E-07	7.39E-01	8.06E-01	6.66E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
VZ007VB	8.30E-04	1.50E-01	2.66E-03	1.48E-01	0.00E+00	0.00E+00	4.39E-01	1.91E-06	1.44E-04	1.64E-03	0.00E+00	3.99E-20	5.74E-11	1.03E-09	7.37E-03	2.68E-01	0.00E+00	0.00E+00	6.48E-01	1.53E-19	2.35E+00	0.00E+00	1.85E-08	9.02E-09	5.09E-04	0.00E+00	1.20E-01	0.00E+00	2.35E+00	1.19E-06	2.35E+00	2.47E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.36E+01
VZ00HW	-1.22E-03	-5.73E-01	-9.18E-03	-2.50E-01	0.00E+00	0.00E+00	-3.03E-01	-2.50E-04	-6.03E-05	-1.29E-03	0.00E+00	-6.45E-05	-9.38E-10	-7.72E-08	-1.66E-02	-8.52E+00	0.00E+00	0.00E+00	-7.09E-01	-4.21E-02	-2.65E+00	0.00E+00	1.51E-08	-1.95E-08	-6.15E-04	-2.19E-05	-2.19E+00	0.00E+00	-2.65E+00	-1.33E-05	-2.65E+00	-6.05E+00	-2.19E+00	0.00E+00	0.00E+00	0.00E+00	-3.85E+01
VZ00HWF	-1.10E-03	-5.64E-01	-8.52E-03	-2.50E-01	0.00E+00	0.00E+00	-2.08E-01	-2.53E-04	-4.76E-05	-8.70E-04	0.00E+00	-6.55E-05	-9.99E-10	-7.73E-08	-1.72E-02	-7.97E+00	0.00E+00	0.00E+00	-6.34E-01	-3.76E-02	-2.79E+00	0.00E+00	1.61E-08	-1.95E-08	-6.15E-04	-1.90E-05	-1.92E+00	0.00E+00	-2.79E+00	-1.44E-05	-2.79E+00	-6.05E+00	-1.92E+00	0.00E+00	0.00E+00	0.00E+00	-3.86E+01
VZ00UP	-1.35E-03	-5.03E-01	-8.47E-03	-3.01E-01	0.00E+00	0.00E+00	-1.40E-01	-2.57E-04	-4.94E-05	-1.09E-03	0.00E+00	-5.87E-05	-7.13E-10	-7.94E-08	-1.53E-02	-7.52E+00	0.00E+00	0.00E+00	-5.64E-01	-3.38E-02	-2.54E+00	0.00E+00	1.59E-08	-2.06E-08	-6.15E-04	-1.77E-05	-2.00E+00	0.00E+00	-2.54E+00	-1.38E-05	-2.54E+00	-6.05E+00	-2.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.90E+01
VZ011	-1.27E-04	-1.23E-01	-4.25E-03	-6.82E-02	0.00E+00	0.00E+00	-1.04E-01	-2.36E-06	5.12E-05	-2.63E-04	0.00E+00	-2.61E-05	2.83E-12	-3.89E-09	-1.41E-02	-6.59E-01	0.00E+00	0.00E+00	-1.93E-02	-1.36E-02	-2.56E+00	0.00E+00	8.59E-09	-7.91E-09	-1.64E-04	-9.83E-06	-2.13E-01	0.00E+00	-2.56E+00	-1.03E-06	-2.56E+00	-3.59E+00	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
VZ012VB	2.29E-04	-1.25E-01	-4.63E-03	-7.61E-02	0.00E+00	0.00E+00	-5.51E-01	-1.19E-05	5.62E-05	-3.00E-04	0.00E+00	-2.51E-05	-6.24E-10	-4.77E-09	-1.40E-02	-1.43E+00	0.00E+00	0.00E+00	-1.50E-02	-1.92E-02	-2.55E+00	0.00E+00	9.62E-09	-7.99E-09	-1.66E-04	-1.17E-05	-2.21E-01	0.00E+00	-2.55E+00	-1.68E-06	-2.55E+00	-3.63E+00	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
VZ016VB	-6.89E-03	-3.22E-01	-9.03E-03	-2.39E-01	0.00E+00	0.00E+00	-1.33E+00	-2.35E-03	5.58E-04	-4.51E-03	0.00E+00	-1.60E-04	-3.34E-09	-1.05E-07	-2.36E-02	-7.35E+00	0.00E+00	0.00E+00	-1.52E+00	-6.91E-02	-6.18E+00	0.00E+00	8.73E-09	-2.95E-08	-1.88E-03	-5.14E-05	-2.57E+00	0.00E+00	-6.18E+00	-4.84E-05	-6.18E+00	-8.22E+00	-2.57E+00	0.00E+00	0.00E+00	0.00E+00	-6.15E+01
VZ017VB	-5.25E-03	-4.87E-01	-2.12E-02	1.62E-01	0.00E+00	0.00E+00	3.91E-01	-6.59E-04	3.98E-04	-2.44E-04	0.00E+00	-2.41E-04	-6.01E-10	-7.60E-08	-3.03E-02	-1.01E+01	0.00E+00	0.00E+00	1.47E+00	-9.36E-02	-1.87E+01	0.00E+00	4.05E-08	6.97E-11	2.82E-03	-6.35E-05	-1.58E+00	0.00E+00	-1.87E+01	-1.14E-05	-1.87E+01	-1.30E+01	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	-4.65E+00
VZ01EK	5.82E-05	1.25E-02	6.24E-04	1.19E-02	0.00E+00	0.00E+00	1.86E-01	3.73E-07	1.10E-05	1.20E-04	0.00E+00	7.15E-21	3.10E-11	3.99E-10	9.87E-04	3.31E-02	0.00E+00	0.00E+00	1.25E-01	2.42E-20	2.02E-01	0.00E+00	1.50E-09	6.57E-10	3.37E-05	0.00E+00	2.12E-02	0.00E+00	2.02E-01	4.65E-08	2.02E-01	2.23E-01	2.12E-02	0.00E+00	0.00E+00	0.00E+00	4.40E+00
VZ02NCH	-4.70E-03	-6.51E-01	-1.37E-02	-3.21E-01	0.00E+00	0.00E+00	7.55E-02	-7.52E-04	6.33E-04	-1.73E-03	0.00E+00	-1.20E-04	-5.05E-09	-6.62E-08	-6.79E-03	-9.46E+00	0.00E+00	0.00E+00	-2.75E+00	-5.83E-02	-7.72E+00	0.00E+00	5.28E-08	-2.51E-08	-2.73E-03	-7.00E-05	-2.69E+00	0.00E+00	-7.72E+00	-3.20E-05	-7.72E+00	-1.14E+01	-2.69E+00	0.00E+00	0.00E+00	0.00E+00	-1.67E+02
VZ02NWH	-5.90E-03	-9.69E-01	-2.36E-02	-5.87E-01	0.00E+00	0.00E+00	-1.21E+00	-6.66E-04	4.65E-04	-3.21E-03	0.00E+00	-1.39E-04	-6.18E-09	-8.50E-08	-1.27E-02	-2.10E+01	0.00E+00	0.00E+00	-3.67E+00	-6.32E-02	-1.15E+01	0.00E+00	4.53E-08	-2.59E-08	-3.06E-03	-7.17E-05	-3.26E+00	0.00E+00	-1.15E+01	-3.46E-05	-1.15E+01	-1.42E+01	-3.26E+00	0.00E+00	0.00E+00	0.00E+00	-2.16E+02
VZ041VB	1.83E-04	-9.89E-02	-4.79E-03	-1.09E-01	0.00E+00	0.00E+00	1.15E-01	-8.69E-05	6.72E-05	4.86E-04	0.00E+00	-6.09E-05	-1.86E-09	-7.97E-09	-9.36E-03	-3.20E+00	0.00E+00	0.00E+00	-2.08E-01	-1.96E-02	-2.03E+00	0.00E+00	1.57E-08	-1.08E-08	-1.62E-04	-1.47E-05	-9.45E-01	0.00E+00	-2.03E+00	-2.64E-06	-2.03E+00	-3.38E+00	-9.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.13E+01
VZ093	7.84E-04	-8.90E-02	-1.35E-04	-5.90E-02	0.00E+00	0.00E+00	-2.59E-01	5.25E-07	7.44E-05	-2.33E-05	0.00E+00	-3.29E-06	5.68E-11	-3.05E-09	-1.31E-02	-2.97E+00	0.00E+00	0.00E+00	5.35E-02	-9.53E-03	-1.58E+00	0.00E+00	1.10E-08	-6.67E-09	-1.14E-04	-2.75E-06	-6.80E-01	0.00E+00	-1.58E+00	-1.08E-07	-1.58E+00	-2.71E+00	-6.80E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+01
VZ094	9.89E-04	-7.56E-02	8.91E-05	-5.33E-02	0.00E+00	0.00E+00	2.59E-01	-7.39E-06	8.80E-05	1.82E-04	0.00E+00	-5.50E-06	3.88E-11	-3.18E-09	-1.25E-02	-5.57E+00	0.00E+00	0.00E+00	1.32E-01	-1.17E-02	-8.62E-01	0.00E+00	1.14E-08	-6.38E-09	-9.72E-05	-3.18E-06	-1.36E+00	0.00E+00	-8.62E-01	-4.93E-08	-8.62E-01	-2.61E+00	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	-5.53E+00
VZ095	8.69E-04	-7.76E-02	7.59E-04	-6.49E-02	0.00E+00	0.00E+00	1.80E-01	-6.89E-06	8.25E-05	2.30E-04	0.00E+00	-5.50E-06	2.79E-11	-3.18E-09	-1.16E-02	-6.26E+00	0.00E+00	0.00E+00	9.56E-02	-1.21E-02	-7.89E-01	0.00E+00	1.55E-08	-6.66E-09	-9.72E-05	-3.18E-06	-1.54E+00	0.00E+00	-7.89E-01	2.01E-07	-7.89E-01	-2.46E+00	-1.54E+00	0.00E+00	0.00E+00	0.00E+00	-5.53E+00
VZ096	8.65E-04	-7.76E-02	7.59E-04	-6.49E-02	0.00E+00	0.00E+00	3.18E-02	-6.87E-06	8.25E-05	2.30E-04	0.00E+00	-5.50E-06	2.68E-11	-3.18E-09	-1.16E-02	-6.22E+00	0.00E+00	0.00E+00	9.56E-02	-1.21E-02	-7.89E-01	0.00E+00	1.55E-08	-6.66E-09	-9.72E-05	-3.18E-06	-1.56E+00	0.00E+00	-7.89E-01	2.20E-07	-7.89E-01	-2.37E+00	-1.56E+00	0.00E+00	0.00E+00	0.00E+00	-5.53E+00
VZ097	2.09E-03	3.11E-02	1.07E-03	-1.31E-03	0.00E+00	0.00E+00	2.26E-01	5.79E-07	1.12E-04	3.07E-03	0.00E+00	-5.52E-06	7.25E-11	-5.38E-09	-5.81E-03	-9.64E+00	0.00E+00	0.00E+00	6.99E-01	-1.13E-02	7.99E-01	0.00E+00	3.59E-08	-5.96E-09	1.35E-04	-4.10E-06	-1.92E+00	0.00E+00	7.99E-01	1.28E-06	7.99E-01	1.10E+00	-1.92E+00	0.00E+00	0.00E+00	0.00E+00	5.93E+00
VZ098	2.11E-03	1.56E-02	1.03E-03	-4.16E-03	0.00E+00	0.00E+00	1.72E-01	1.07E-06	9.31E-05	2.76E-03	0.00E+00	-5.52E-06	8.28E-11	-5.39E-09	-5.55E-03	-7.38E+00	0.00E+00	0.00E+00	4.67E-01	-1.16E-02	7.24E-01	0.00E+00	3.33E-08	-6.28E-09	7.25E-05	-3.18E-06	-1.45E+00	0.00E+00	7.24E-01	1.18E-06	7.24E-01	2.54E-01	-1.45E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-01
VZ099	2.73E-03	1.20E-01	7.93E-04	-6.79E-02	0.00E+00	0.00E+00	2.72E-01	-1.65E-06	1.24E-04	3.06E-03	0.00E+00	-5.36E-06	-9.86E-11	-6.13E-09	-6.78E-03	-1.35E+02	0.00E+00	0.00E+00	8.25E-01	-1.29E-02	1.33E+00	0.00E+00	3.59E-08	-2.22E-09	2.99E-04	-3.67E-06	-8.41E+00	0.00E+00	1.33E+00	1.88E-06	1.33E+00	-2.46E+00	-8.41E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+01
VZ100	1.08E-04	-1.72E-01	-4.44E-03	-2.13E-01	0.00E+00	0.00E+00	3.97E-02	-4.38E-04	-8.09E-05	5.44E-04	0.00E+00	-3.07E-05	-1.05E-08	-2.44E-08	-3.26E-03	-2.19E+01	0.00E+00	0.00E+00	-4.40E-01	-1.32E-02	-2.59E+00	0.00E+00	3.57E-08	-4.21E-09	-3.81E-04	-7.89E-06	-5.59E+00	0.00E+00	-2.59E+00	-1.43E-05	-2.59E+00	-6.46E+00	-5.59E+00	0.00E+00	0.00E+00	0.00E+00	-5.97E+01
VZ101E	2.03E-03	-1.08E-01	-1.04E-03	-3.40E-02	0.00E+00	0.00E+00	1.86E+00	-8.45E-05	1.34E-04	1.45E-03	0.00E+00	-4.10E-05	4.28E-10	1.10E-09	-5.01E-03	-3.45E-01	0.00E+00	0.00E+00	9.74E-01	-2.01E-02	-1.72E+00	0.00E+00	3.27E-08	-8.20E-09	-3.38E-05	-1.65E-05	4.78E-01	0.00E+00	-1.72E+00	-1.74E-06	-1.72E+00	-4.39E+00	4.78E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
VZ101N	-1.22E-03	-1.52E-01	-8.23E-03	-2.01E-01	0.00E+00	0.00E+00	1.01E+00	-1.41E-04	9.48E-05	-3.72E-04	0.00E+00	-6.18E-05	-1.51E-09	-6.08E-09	-6.30E-03	-1.21E+01	0.00E+00	0.00E+00	4.60E-01	-3.10E-02	-2.04E+00	0.00E+00	3.31E-08	-1.56E-08	-5.75E-04	-2.89E-05	-1.30E+00	0.00E+00	-2.04E+00	-7.02E-06	-2.04E+00	-4.70E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-01
VZ101WN	-1.40E-04	-1.49E-01	2.17E-02	-1.16E-01	0.00E+00	0.00E+00	8.25E+00	-4.86E-04	2.50E-04	1.11E-03	0.00E+00	-6.22E-05	-6.86E-09	-1.45E-08	6.74E-03	-1.53E+00	0.00E+00	0.00E+00	8.75E+00	-3.22E-02	-3.74E-01	0.00E+00	9.40E-08	2.15E-08	1.05E-03	-1.89E-05	6.11E-01	0.00E+00	-3.74E-01	-1.39E-05	-3.74E-01	-2.06E+00	6.11E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+02
VZ102N	6.36E-03	1.36E+00	6.81E-02	1.29E+00	0.00E+00	0.00E+00	2.03E+01	4.07E-05	1.20E-03	1.31E-02	0.00E+00	7.81E-19	3.38E-09	4.36E-08	1.08E-01	2.65E+00	0.00E+00	0.00E+00	1.36E+01	2.64E-18	2.21E+01	0.00E+00	1.64E-07	7.13E-08	3.68E-03	0.00E+00	2.17E+00	0.00E+00	2.21E+01	5.10E-06	2.21E+01	2.42E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	4.80E+02
VZ102V	-4.05E-03	4.41E-01	3.99E-02	1.87E-01	0.00E+00	0.00E+00	1.62E+01	-1.47E-04	3.00E-04	-2.37E-03	0.00E+00	-7.91E-05	-1.94E-09	1.76E-08	2.59E-02	-1.15E+01	0.00E+00	0.00E+00	1.15E+01	-2.89E-02	1.24E+01	0.00E+00	9.91E-08	5.36E-08	1.48E-04	-3.77E-05	-6.38E-01	0.00E+00	1.24E+01	-8.86E-06	1.24E+01	6.32E+00	-6.38E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+02

VZ102WN	-1.91E-03	-2.01E-01	1.90E-02	-9.30E-02	0.00E+00	0.00E+00	8.58E+00	-4.33E-04	2.61E-04	8.45E-04	0.00E+00	-7.60E-05	-7.32E-09	-4.85E-08	1.88E-02	-4.55E+00	0.00E+00	0.00E+00	9.59E+00	-2.26E-02	-1.70E+00	0.00E+00	1.07E-07	2.52E-08	1.31E-03	-2.02E-05	5.58E-01	0.00E+00	-1.70E+00	-1.28E-05	-1.70E+00	-4.63E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+02
VZ103N	-3.88E-03	1.68E-01	2.48E-02	-3.97E-01	0.00E+00	0.00E+00	8.83E+00	-1.15E-04	2.53E-04	-4.88E-03	0.00E+00	-4.02E-05	-1.85E-09	1.83E-08	1.76E-02	-1.26E+01	0.00E+00	0.00E+00	8.25E+00	-1.90E-02	7.54E+00	0.00E+00	1.14E-07	2.20E-08	3.76E-04	-2.90E-05	-2.32E+00	0.00E+00	7.54E+00	-5.97E-06	7.54E+00	1.59E+00	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+02
VZ103V	-5.92E-03	9.43E-02	2.37E-02	-4.24E-01	0.00E+00	0.00E+00	8.65E+00	-1.65E-04	3.34E-06	-6.45E-03	0.00E+00	-5.62E-05	-2.25E-09	6.93E-09	2.24E-02	-1.62E+01	0.00E+00	0.00E+00	8.30E+00	-2.89E-02	6.76E+00	0.00E+00	7.11E-08	2.95E-08	-2.12E-04	-4.02E-05	-2.38E+00	0.00E+00	6.76E+00	-8.50E-06	6.76E+00	3.89E-01	-2.38E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+02
VZ103W	-4.53E-03	1.97E-01	2.69E-02	7.76E-02	0.00E+00	0.00E+00	9.52E+00	-2.61E-04	1.83E-04	-5.19E-03	0.00E+00	-5.27E-05	-1.96E-09	8.59E-09	3.85E-02	-2.05E+01	0.00E+00	0.00E+00	8.64E+00	-2.54E-02	7.95E+00	0.00E+00	7.59E-08	2.91E-08	-2.70E-05	-3.14E-05	-2.71E+00	0.00E+00	7.95E+00	-9.13E-06	7.95E+00	3.83E+00	-2.71E+00	0.00E+00	0.00E+00	0.00E+00	3.02E+02
VZ103WN	-3.51E-03	-3.76E-01	2.06E-02	-5.73E-01	0.00E+00	0.00E+00	8.63E+00	-4.20E-04	3.64E-04	-1.59E-03	0.00E+00	-8.30E-05	-7.28E-09	-5.05E-08	2.06E-02	-1.02E+01	0.00E+00	0.00E+00	1.02E+01	-2.45E-02	-2.82E+00	0.00E+00	1.18E-07	3.35E-08	1.13E-03	-2.46E-05	-6.26E-01	0.00E+00	-2.82E+00	-1.29E-05	-2.82E+00	-8.27E+00	-6.26E-01	0.00E+00	0.00E+00	0.00E+00	3.71E+02
VZ103WV	-6.32E-03	-4.44E-01	2.18E-02	-4.95E-01	0.00E+00	0.00E+00	8.63E+00	-4.27E-04	2.23E-04	-3.68E-03	0.00E+00	-7.21E-05	-5.04E-09	-3.58E-08	2.46E-02	-1.45E+01	0.00E+00	0.00E+00	9.39E+00	-2.39E-02	-2.60E+00	0.00E+00	7.55E-08	3.17E-08	9.48E-04	-3.27E-05	-4.05E-01	0.00E+00	-2.60E+00	-1.50E-05	-2.60E+00	-9.31E+00	-4.05E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+02
VZ104V	-5.52E-03	2.09E-01	2.41E-02	-3.36E-01	0.00E+00	0.00E+00	8.92E+00	-1.66E-04	4.25E-04	-7.46E-03	0.00E+00	-5.64E-05	-1.51E-09	6.74E-09	3.95E-02	-1.37E+01	0.00E+00	0.00E+00	8.96E+00	-2.95E-02	1.05E+01	0.00E+00	7.46E-08	3.77E-08	3.16E-04	-3.84E-05	-2.02E+00	0.00E+00	1.05E+01	-9.96E-06	1.05E+01	4.01E+00	-2.02E+00	0.00E+00	0.00E+00	0.00E+00	3.57E+02
VZ104W	-4.89E-03	8.02E-02	2.40E-02	-3.44E-01	0.00E+00	0.00E+00	1.07E+01	-2.55E-04	6.91E-04	-5.09E-03	0.00E+00	-6.01E-05	-1.56E-09	1.33E-08	3.65E-02	-2.31E+01	0.00E+00	0.00E+00	8.99E+00	-2.86E-02	9.81E+00	0.00E+00	8.53E-08	2.51E-08	3.87E-04	-4.29E-05	-2.68E+00	0.00E+00	9.81E+00	-9.13E-06	9.81E+00	2.30E+00	-2.68E+00	0.00E+00	0.00E+00	0.00E+00	3.38E+02
VZ104WN	-1.57E-03	-2.86E-02	2.75E-02	-5.36E-01	0.00E+00	0.00E+00	8.46E+00	-5.90E-05	3.95E-04	1.10E-03	0.00E+00	-4.83E-05	1.10E-09	2.24E-08	2.14E-02	-8.58E+00	0.00E+00	0.00E+00	1.09E+01	-2.10E-02	4.17E+00	0.00E+00	1.21E-07	3.33E-08	2.44E-03	-2.21E-05	-4.81E-01	0.00E+00	4.17E+00	2.68E-07	4.17E+00	4.59E-01	-4.81E-01	0.00E+00	0.00E+00	0.00E+00	4.19E+02
VZ104WV	-6.36E-03	-4.87E-01	2.25E-02	-5.17E-01	0.00E+00	0.00E+00	8.57E+00	-4.40E-04	2.22E-04	-3.40E-03	0.00E+00	-7.34E-05	-5.82E-09	-3.14E-08	3.20E-02	-1.34E+01	0.00E+00	0.00E+00	9.55E+00	-2.48E-02	-2.26E+00	0.00E+00	7.27E-08	3.34E-08	1.42E-03	-3.03E-05	-2.83E-01	0.00E+00	-2.26E+00	-1.49E-05	-2.26E+00	-6.12E+00	-2.83E-01	0.00E+00	0.00E+00	0.00E+00	3.94E+02
VZ105N	1.06E-02	2.28E+00	1.13E-01	2.17E+00	0.00E+00	0.00E+00	3.36E+01	6.76E-05	1.99E-03	2.19E-02	0.00E+00	1.29E-18	5.60E-09	7.22E-08	1.79E-01	6.00E+00	0.00E+00	0.00E+00	2.25E+01	4.38E-18	3.66E+01	0.00E+00	2.72E-07	1.19E-07	6.13E-03	0.00E+00	3.83E+00	0.00E+00	3.66E+01	8.50E-06	3.66E+01	4.05E+01	3.83E+00	0.00E+00	0.00E+00	0.00E+00	7.95E+02
VZ105W	-4.85E-03	3.82E-01	2.96E-02	2.34E-01	0.00E+00	0.00E+00	1.98E+01	-2.69E-04	1.03E-03	-6.51E-03	0.00E+00	-9.80E-05	-8.67E-11	1.67E-08	9.65E-02	-2.04E+01	0.00E+00	0.00E+00	1.26E+01	-3.93E-02	1.12E+01	0.00E+00	2.46E-07	5.80E-08	2.42E-04	-4.48E-05	-2.70E+00	0.00E+00	1.12E+01	-9.87E-06	1.12E+01	9.23E+00	-2.70E+00	0.00E+00	0.00E+00	0.00E+00	4.23E+02
VZ105WN	-7.02E-03	-2.19E+00	-1.42E-02	-1.21E+00	0.00E+00	0.00E+00	-9.08E+00	-5.77E-04	-1.03E-03	-7.96E-03	0.00E+00	-1.75E-04	-3.74E-08	-6.05E-08	-2.85E-02	-1.20E+01	0.00E+00	0.00E+00	-1.72E+01	-1.02E-01	-2.34E+01	0.00E+00	3.89E-08	-1.24E-07	-9.24E-03	-5.67E-05	-9.56E-01	0.00E+00	-2.34E+01	-2.18E-05	-2.34E+01	-2.38E+01	-9.56E-01	0.00E+00	0.00E+00	0.00E+00	-7.43E+02
VZ105WV	-8.55E-03	-2.16E+00	-1.85E-02	-1.26E+00	0.00E+00	0.00E+00	-9.30E+00	-6.12E-04	-1.09E-03	-9.45E-03	0.00E+00	-2.31E-04	-3.74E-08	-4.98E-08	-3.06E-02	-1.45E+01	0.00E+00	0.00E+00	-1.85E+01	-1.33E-01	-2.44E+01	0.00E+00	2.58E-08	-1.24E-07	-8.24E-03	-9.93E-05	-7.72E-01	0.00E+00	-2.44E+01	-2.35E-05	-2.44E+01	-2.58E+01	-7.72E-01	0.00E+00	0.00E+00	0.00E+00	-8.13E+02
VZ111N	-2.35E-03	-5.29E-01	-1.16E-02	-3.85E-01	0.00E+00	0.00E+00	-3.07E+00	-2.84E-04	7.15E-05	-1.33E-03	0.00E+00	-3.39E-04	-4.15E-10	-2.77E-08	-1.32E-01	-1.02E+01	0.00E+00	0.00E+00	6.00E-01	-1.02E-01	-1.89E+01	0.00E+00	1.10E-08	-1.16E-08	-4.81E-04	-3.28E-05	-1.28E+00	0.00E+00	-1.89E+01	-1.18E-05	-1.89E+01	-1.69E+01	-1.28E+00	0.00E+00	0.00E+00	0.00E+00	-8.13E+00
VZ112N	-2.35E-03	-5.29E-01	-1.16E-02	-3.85E-01	0.00E+00	0.00E+00	-3.07E+00	-2.84E-04	7.15E-05	-1.33E-03	0.00E+00	-3.39E-04	-4.15E-10	-2.77E-08	-1.32E-01	-1.02E+01	0.00E+00	0.00E+00	6.00E-01	-1.02E-01	-1.89E+01	0.00E+00	1.10E-08	-1.16E-08	-4.81E-04	-3.28E-05	-1.29E+00	0.00E+00	-1.89E+01	-1.18E-05	-1.89E+01	-1.69E+01	-1.29E+00	0.00E+00	0.00E+00	0.00E+00	-8.13E+00
VZ113N	-2.64E-03	-5.41E-01	-1.18E-02	-3.95E-01	0.00E+00	0.00E+00	-3.04E+00	-3.02E-04	-4.84E-06	-1.48E-03	0.00E+00	-3.42E-04	-2.16E-09	-2.94E-08	-1.31E-01	-1.06E+01	0.00E+00	0.00E+00	1.85E-01	-1.04E-01	-1.92E+01	0.00E+00	1.15E-08	-1.16E-08	-6.18E-04	-3.31E-05	-1.26E+00	0.00E+00	-1.92E+01	-1.26E-05	-1.92E+01	-1.79E+01	-1.26E+00	0.00E+00	0.00E+00	0.00E+00	-1.69E+01
VZ114N	-2.60E-03	-5.26E-01	-1.18E-02	-3.85E-01	0.00E+00	0.00E+00	-3.07E+00	-3.02E-04	4.56E-05	-1.34E-03	0.00E+00	-3.40E-04	-9.42E-10	-2.82E-08	-1.31E-01	-1.05E+01	0.00E+00	0.00E+00	6.69E-01	-1.02E-01	-1.91E+01	0.00E+00	1.11E-08	-1.16E-08	-5.23E-04	-3.28E-05	-1.29E+00	0.00E+00	-1.91E+01	-1.21E-05	-1.91E+01	-1.74E+01	-1.29E+00	0.00E+00	0.00E+00	0.00E+00	-9.92E+00
VZ115N	-2.81E-03	-7.44E-01	-2.24E-02	-5.49E-01	0.00E+00	0.00E+00	-4.79E+00	-3.88E-04	-5.35E-04	-4.39E-03	0.00E+00	-3.63E-04	-1.92E-08	-2.80E-08	-1.46E-01	-3.04E+00	0.00E+00	0.00E+00	-1.32E+00	-1.06E-01	-2.17E+01	0.00E+00	-1.27E-08	-2.69E-08	-3.48E-03	-5.31E-05	-6.58E-01	0.00E+00	-2.17E+01	-1.96E-05	-2.17E+01	-2.00E+01	-6.58E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
VZ121N	-2.51E-03	4.30E-01	-1.14E-02	2.48E-01	0.00E+00	0.00E+00	-5.22E-01	-1.60E-04	3.96E-05	-2.66E-04	0.00E+00	-8.71E-05	-1.21E-09	-1.12E-08	-7.14E-02	-1.51E+01	0.00E+00	0.00E+00	-9.05E-01	-3.93E-02	-3.38E+00	0.00E+00	2.15E-08	-1.85E-08	-1.03E-03	-4.02E-05	-1.97E+00	0.00E+00	-3.38E+00	-6.15E-06	-3.38E+00	-5.54E+00	-1.97E+00	0.00E+00	0.00E+00	0.00E+00	-5.29E+01
VZ122N	-2.12E-03	-2.16E-01	-9.49E-03	-2.93E-01	0.00E+00	0.00E+00	-6.14E-01	-1.40E-04	6.21E-06	-7.52E-04	0.00E+00	-6.00E-05	-9.47E-10	-6.57E-09	-1.56E-02	-1.50E+01	0.00E+00	0.00E+00	-6.90E-01	-3.45E-02	-3.03E+00	0.00E+00	1.07E-08	-1.40E-08	-5.38E-04	-2.93E-05	-1.96E+00	0.00E+00	-3.03E+00	-6.24E-06	-3.03E+00	-5.62E+00	-1.96E+00	0.00E+00	0.00E+00	0.00E+00	-3.59E+01
VZ122W	-1.62E-03	-2.70E-01	-8.54E-03	-3.22E-01	0.00E+00	0.00E+00	-6.87E-01	-2.64E-04	-1.57E-05	-1.37E-03	0.00E+00	-5.85E-05	-1.35E-09	-1.29E-08	-9.88E-03	-2.55E+01	0.00E+00	0.00E+00	-9.48E-01	-3.32E-02	-2.96E+00	0.00E+00	1.30E-08	-1.58E-08	-5.15E-04	-2.90E-05	-3.05E+00	0.00E+00	-2.96E+00	-7.13E-06	-2.96E+00	-5.51E+00	-3.05E+00	0.00E+00	0.00E+00	0.00E+00	-4.27E+01
VZ123N	-1.40E-03	-1.59E-01	-5.89E-03	-3.08E-01	0.00E+00	0.00E+00	-5.14E-01	-1.53E-04	6.93E-05	-3.86E-04	0.00E+00	-4.09E-05	-1.09E-09	-6.11E-09	-7.39E-03	-1.48E+01	0.00E+00	0.00E+00	-3.84E-01	-2.92E-02	-2.31E+00	0.00E+00	1.89E-08	-1.41E-08	-4.02E-04	-2.17E-05	-1.74E+00	0.00E+00	-2.31E+00	-5.92E-06	-2.31E+00	-4.61E+00	-1.74E+00	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
VZ123W	-5.42E-03	-1.53E+00	-1.16E-02	-1.52E+00	0.00E+00	0.00E+00	-3.12E+00	-2.95E-04	-9.33E-04	-1.12E-02	0.00E+00	0.00E+00	-8.28E-09	-3.02E-08	-1.69E-02	-4.21E+01	0.00E+00	0.00E+00	-6.09E+00	0.00E+00	-1.04E+01	0.00E+00	-4.92E-08	-9.76E-08	-4.91E-03	0.00E+00	-6.59E+00	0.00E+00	-1.04E+01	-1.59E-05	-1.04E+01	-1.69E+01	-6.59E+00	0.00E+00	0.00E+00	0.00E+00	-2.52E+02
VZ124N	-4.62E-04	2.20E-01	2.75E-02	1.36E-01	0.00E+00	0.00E+00	1.06E+01	-1.28E-04	4.40E-04	2.25E-03	0.00E+00	-6.37E-05	1.70E-09	1.78E-08	1.17E-02	-1.53E+01	0.00E+00	0.00E+00	1.06E+01	-3.17E-02	6.44E+00	0.00E+00	6.97E-08	5.11E-08	1.73E-03	-3.11E-05	-9.71E-01	0.00E+00	6.44E+00	-4.91E-06	6.44E+00	1.76E+00	-9.71E-01	0.00E+00	0.00E+00	0.00E+00	4.03E+02
VZ125N	2.03E-03	-1.17E-01	1.41E-03	-6.12E-02	0.00E+00	0.00E+00	4.98E-01	-6.46E-05	1.43E-04	1.76E-03	0.00E+00	-1.72E-05	9.67E-10	7.68E-10	-5.10E-03	-6.62E-01	0.00E+00	0.00E+00	6.74E-02	-1.78E-02	-2.08E+00	0.00E+00	2.09E-08	-7.31E-09	1.84E-04	-1.30E-05	3.93E-01	0.00E+00	-2.08E+00	-3.17E-07	-2.08E+00	-4.22E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	-8.42E+00
VZ126N	-3.07E-04	2.60E-01	3.50E-02	3.50E-01	0.00E+00	0.00E+00	1.14E+01	-7.38E-05	3.69E-04	2.43E-03	0.00E+00	-3.86E-05	2.10E-09	2.02E-08	1.42E-02	-3.93E+00	0.00E+00	0.00E+00	1.08E+01	-2.22E-02	6.07E+00	0.00E+00	7.10E-08	4.88E-08	1.68E-03	-1.89E-05	9.66E-01	0.00E+00	6.07E+00	7.48E-08	6.07E+00	1.08E+00	9.66E-01	0.00E+00	0.00E+00	0.00E+00	4.13E+02
VZ127N	6.64E-03	1.42E+00	7.12E-02	1.35E+00	0.00E+00	0.00E+00	2.13E+01	4.26E-05	1.25E-03	1.37E-02	0.00E+00	8.17E-19	3.54E-09	4.56E-08	1.13E-01	2.81E+00	0.00E+00	0.00E+00	1.42E+01	2.76E-18	2.30E+01	0.00E+00	1.71E-07	7.45E-08	3.85E-03	0.00E+00	2.28E+00	0.00E+00	2.30E+01	5.32E-06	2.30E+01	2.53E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	5.02E+02
VZ12AU	-8.71E-03	-4.38E-01	-2.79E-02	-2.31E-01	0.00E+00	0.00E+00	5.36E-01	-8.79E-04	-7.13E-05	-4.96E-03	0.00E+00	-1.27E-04	-6.58E-09	-8.18E-08	-8.59E-03	-1.28E+01	0.00E+00	0.00E+00	-2.67E-01	-6.07E-02	-7.76E+00	0.00E+00	3.73E-08	-3.86E-08	-2.85E-03	-4.68E-05	-1.23E+00	0.00E+00	-7.76E+00	-3.88E-05	-7.76E+00	-1.02E+01	-1.23E+00	0.00E+00	0.00E+00	0.00E+00	-4.34E+01
VZ12CAV	-5.81E-03	-2.52E-01	-2.30E-02	-2.82E-01	0.00E+00	0.00E+00	-6.57E-01	-7.98E-04	-1.52E-04	-6.74E-03	0.00E+00	-1.19E-04	-5.69E-09	-4.68E-08	-2.20E-02	-1.09E+01	0.00E+00	0.00E+00	-1.53E+00	-5.69E-02	-4.76E+00	0.00E+00	1.94E-08	-2.59E-08	-2.45E-03	-4.28E-05	-1.33E+00	0.00E+00	-4.76E+00	-3.39E-05	-4.76E+00	-4.89E+00	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	-9.65E+01
VZ12CHU	-2.18E-02	-2.13E+00	-5.89E-02	-2.61E+00	0.00E+00	0.00E+00	-2.02E+00	-1.92E-03	-2.69E-03	-4.24E-02	0.00E+00	-2.10E-04	-1.75E-08	-1.97E-07	-8.24E-02	-1.76E+01	0.00E+00	0.00E+00	-1.20E+01	-9.31E-02	-2.17E+01	0.00E+00	-1.35E-07	-2.69E-07	-1.22E-02	-8.68E-05	-1.51E+00	0.00E+00	-2.17E+01	-5.77E-05	-2.17E+01	-2.26E+01	-1.51E+00	0.00E+00	0.00E+00	0.00E+00	-5.07E+02
VZ12NAV	-1.97E-02	-2.56E-01	-1.52E-03	-2.13E-01	0.00E+00	0.00E+00	-2.74E+00	-2.43E-03	-3.76E-04	-9.18E-03	0.00E+00	-1.00E-04	-5.23E-09	-3.91E-07	-1.16E-02	-1.14E+01	0.00E+00	0.00E+00	-2.80E+00	-5.26E-02	-3.52E+00	0.00E+00	3.31E-08	-3.54E-08	-2.51E-03	-4.20E-05	-1.69E+00	0.00E+00	-3.52E+00	-7.01E-05	-3.52E+00	-5.09E+00	-1.69E+00	0.00E+00	0.00E+00	0.00E+00	-1.70E+02
VZ131N	-2.50E-03	3.87E-01	-1.12E-02	2.53E-01	0.00E+00	0.00E+00	-7.03E-01	-2.27E-04	1.02E-05	-7.42E-04	0.00E+00	-8.57E-05	-1.55E-09	-1.33E-08	-6.51E-02	-2.31E+01	0.00E+00	0.00E+00	-1.17E+00	-3.73E-02	-3.17E+00	0.00E+00	1.36E-08	-2.10E-08	-1.05E-03	-3.92E-05	-2.88E+00	0.00E+00	-3.17E+00	-6.80E-06	-3.17E+00	-5.30E+00	-2.88E+00	0.00E+00	0.00E+00	0.00E+00	-5.54E+01
VZ132N	-1.66E-03	-2.65E-01	-8.54E-03	-3.22E-01	0.00E+00	0.00E+00	-4.89E-01	-2.56E-04	-1.57E-05	-1.37E-03	0.00E+00	-5.90E-05	-1.24E-09	-1.23E-08	-9.88E-03	-2.54E+01	0.00E+00	0.00E+00	-9.48E-01	-3.35E-02	-2.76E+00	0.00E+00	1.36E-08	-1.58E-08	-5.15E-04	-2.89E-05	-3.00E+00	0.00E+00	-2.76E+00	-6.96E-06	-2.76E+00	-5.51E+00	-3.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.25E+01
VZ133N	-1.53E-03	-2.49E-01	-8.49E-03	-3.29E-01	0.00E+00	0.00E+00	4.64E-03	-2.45E-04	1.83E-05	-9.17E-04	0.00E+00	-5.44E-05	-1.37E-09	-8.85E-09	-7.50E-03	-2.62E+01	0.00E+00	0.00E+00	-7.67E-01	-3.20E-02	-2.57E+00	0.00E+00	1.66E-08	-1.57E-08	-4.72E-04	-2.88E-05	-3.01E+00	0.00E+00	-2.57E+00	-6.42E-06	-2.57E+00	-5.51E+00	-3.01E+00	0.00E+00	0.00E+00	0.00E+00	-3.41E+01
VZ134N	7.38E-04	2.97E-01	3.11E-02	1.31E-01	0.00E+00	0.00E+00	1.17E+01	-2.29E-04	5.41E-04	2.40E-03	0.00E+00	-4.28E-05	1.46E-09	1.55E-08	2.96E-02	-2.59E+01	0.00E+00	0.00E+00	1.07E+01	-2.82E-02	9.41E+00	0.00E+00	7.31E-08	4.96E-08	1.74E-03	-2.74E-05	-2.09E+00	0.00E+00	9.41E+00	-5.91E-06	9.41E+00	5.59E+00	-2.09E+00	0.00E+00	0.00E+00	0.00E+00	4.11E+02
VZ135	5.69E-04	-1.49E-01	-3.19E-03	-5.64E-02	0.00E+00	0.00E+00	-4.51E-01	-1.72E-04	5.40E-05	7.71E-04	0.00E+00	-5.15E-05	1.00E-09	-4.44E-09	-1.44E-02	-1.80E+00	0.00E+00	0.00E+00	-2.69E-01	-3.30E-02	-2.92E+00	0.00E+00	1.25E-08	-7.12E-09	5.85E-05	-4.27E-05	2.66E-01	0.00E+00	-2.92E+00	-2.94E-06	-2.92E+00	-4.58E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
VZ135N	-3.16E-03	4.10E-01	2.65E-02	3.22E-01	0.00E+00	0.00E+00	1.91E+01	-1.91E-04	3.46E-04	-4.20E-03	0.00E+00	-8.19E-05	-1.49E-09	1.60E-08	6.58E-02	-1.98E+01	0.00E+00	0.00E+00	1.09E+01	-3.64E-02	9.27E+00	0.00E+00	2.37E-07	5.70E-08	2.73E-05	-3.78E-05	-2.55E+00	0.00E+00	9.27E+00	-8.94E-06	9.27E+00	8.80E+00	-2.55E+00	0.00E+00	0.00E+00	0.00E+00	3.26E+02
VZ136	2.80E-03	3.76E-01	3.75E-02	3.44E-01	0.00E+00	0.00E+00	1.05E+01	-1.52E-04	4.95E-04	4.00E-03	0.00E+00	-3.90E-05	2.30E-09	2.19E-08	1.73E-02	-8.98E-01	0.00E+00	0.00E+00	1.07E+01	-3.17E-02	8.07E+00	0.00E+00	7.01E-08	5.25E-08	1.97E-03	-4.01E-05	1.15E+00	0.00E+00	8.07E+00	-1.38E-06	8.07E+00	4.82E+00	1.15E+00	0.00E+00	0.00E+00	0.00E+00	4.13E+02
VZ141N	8.45E-05	-1.25E-01	-1.02E-02	-8.09E-02	0.00E+00	0.00E+00	1.99E-01	-2.73E-05	5.37E-05	-2.64E-04	0.00E+00	-6.76E-05	-1.11E-09	-3.95E-09	-1.40E-02	-1.64E+00	0.00E+00	0.00E+00	-5.48E-02	-2.54E-02	-2.40E+00	0.00E+00	1.23E-08	-1.08E-08	-3.19E-04	-1.86E-05	-7.92E-01	0.00E+00	-2.40E+00	-1.53E-06	-2.40E+00	-4.17E+00	-7.92E-01	0.00E+00	0.00E+00	0.00E+00	-2.15E+01
VZ142N	7.24E-04	1.17E-01	7.75E-03	-5.56E-02	0.00E+00	0.00E+00	6.98E+00	-2.49E-05	7.07E-05	7.01E-04	0.00E+00	-7.24E-05	-3.29E-10	2.01E-09	-3.11E-03	-1.54E+00	0.00E+00	0.00E+00	2.95E+00	-2.57E-02	1.66E+00	0.00E+00	3.38E-08	1.62E-09	5.12E-05	-1.66E-05	-3.87E-03	0.00E+00	1.66E+00	-8.30E-07	1.66E+00	-2.76E-01	-3.87E-03	0.00E+00	0.00E+00	0.00E+00	5.84E+01
VZ143N	4.52E-04	-1.13E-01	-4.86E-03	-6.89E-02	0.00E+00	0.00E+00	1.92E-01	-2.36E-05	6.59E-05	5.94E-04	0.00E+00	-5.06E-05	2.19E-10	-2.17E-09	-1.53E-02	-1.74E+00	0.00E+00	0.00E+00	-2.54E-02	-2.28E-02	-2.58E+00	0.00E+00	1.01E-08	-6.75E-09	1.78E-04	-1.67E-05	-2.82E-01	0.00E+00	-2.58E+00	-1.12E-06	-2.58E+00	-4.16E+00	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+01
VZ144N	5.36E-04	-3.12E-02	-9.66E-04	-4.14E-02	0.00E+00	0.00E+00	3.75E-01	-8.71E-06	9.40E-05	9.16E-04	0.00E+00	-5.01E-05	3.83E-10	4.80E-09	-1.01E-02	-1.94E+00	0.00E+00	0.00E+00	1.93E-01	-2.47E-02	-1.79E+00	0.00E+00	1.76E-08	-6.90E-09	2.72E-04	-1.61E-05	-1.27E-01	0.00E+00	-1.79E+00	4.63E-07	-1.79E+00	-3.43E+00	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-3.64E+00
VZ201	-1.02E-03	-1.82E-01	-1.05E-02	-2.22E-01	0.00E+00	0.00E+00	-5.75E-01	-2.45E-05	3.28E-05	-4.86E-04	0.00E+00	-1.03E-04	-6.49E-10	-5.12E-09	-2.14E-02	-1.02E+01	0.00E+00	0.00E+00	-2.41E-02	-3.86E-02	-2.65E+00	0.00E+00	9.39E-09	-9.97E-09	-2.55E-04	-2.58E-05	-1.48E+00	0.00E+00	-2.65E+00	-9.11E-07	-2.65E+00	-4.75E+00	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	-1.48E+01
VZ203	-1.44E-03	-1.64E-01	-1.29E-02	-2.24E-01	0.00E+00	0.00E+00	-5.69E-01	-2.43E-05	4.20E-05	1.42E-05	0.00E+00	-1.19E-04	-6.15E-10	-5.09E-09	-2.19E-02	-1.14E+01	0.00E+00	0.00E+00	-2.56E-02	-4.99E-02	-2.78E+00	0.00E+00	1.23E-08	-9.50E-09	-1.89E-04	-3.80E-05	-1.59E+00	0.00E+00	-2.78E+00	-4.40E-07	-2.78E+00	-5.13E+00	-1.59E+00	0.00E+00	0.00E+00	0.00E+00	-1.34E+01
VZ204	-5.53E-04	-1.30E-01	-1.03E-02	-2.13E-01	0.00E+00	0.00E+00	-5.83E-01	-2.05E-05	1.03E-04	3.96E-04	0.00E+00	-8.98E-05	-3.37E-10	-3.30E-09	-1.47E-02	-1.02E+01	0.00E+00	0.00E+00	-9.96E-03	-4.90E-02	-2.50E+00	0.00E+00	2.18E-08	-1.01E-08	-1.72E-04	-3.72E-05	-1.48E+00	0.00E+00	-2.50E+00	-1.61E-07	-2.50E+00	-3.94E+00	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	-1.31E+01
VZ221H	-2.81E-03	-4.87E-01	-2.14E-02	-1.45E-01	0.00E+00	0.00E+00	-9.91E-01	-5.11E-04	8.35E-04	-1.46E-03	0.00E+00	-1.20E-04	-4.69E-09	-7.11E-08	-1.09E-02	-1.31E+01	0.00E+00	0.00E+00	-5.94E+00	-5.33E-02	-1.06E+01	0.00E+00	3.32E-08	-1.82E-08	-2.96E-04	-5.31E-05	-1.58E+00	0.00E+00	-1.06E+01	-3.06E-05	-1.06E+01	-1.28E+01	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	-2.46E+02
VZ221N	-4.81E-03	-4.12E-01	-1.39E-02	-2.83E-01	0.00E+00	0.00E+00	-8.01E-01	-4.43E-04	-1.62E-04	-6.49E-03	0.00E+00	-8.88E-05	-4.07E-09	-4.71E-08	-1.69E-02	-1.24E+01	0.00E+00	0.00E+00	-1.51E+00	-3.47E-02	-4.99E+00	0.00E+00	9.36E-09	-2.33E-08	-2.33E-03	-2.55E-05	-1.48E+00	0.00E+00	-4.99E+00	-2.61E-05	-4.99E+00	-6.19E+00	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	-8.81E+01
VZ221NA	-3.11E-03	-3.65E-01	-1.29E-02	-2.58E-01	0.00E+00	0.00E+00	-7.13E-01	-4.36E-04	-4.31E-06	-2.24E-03	0.00E+00	-8.98E-05	-8.54E-10	-3.71E-08	-1.71E-02	-1.26E+01	0.00E+00	0.00E+00	-4.21E-01	-3.46E-02	-4.19E+00	0.00E+00	9.57E-09	-1.41E-08	-6.72E-04	-2.28E-05	-1.43E+00	0.00E+00	-4.19E+00	-2.13E-05	-4.19E+00	-5.80E+00	-1.43E+00	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
VZ222H	-3.17E-03	-4.71E-01	-2.26E-02	-1.64E-01	0.00E+00	0.00E+00	-9.54E-01	-5.60E-04	6.37E-04	-2.24E-03	0.00E+00	-1.32E-04	-9.24E-09	-7.20E-08	-1.07E-02	-1.34E+01	0.00E+00	0.00E+00	-6.29E+00	-5.62E-02	-9.76E+00	0.00E+00	3.38E-08	-1.99E-08	-6.16E-04	-5.96E-05	-1.59E+00	0.00E+00	-9.76E+00	-3.44E-05	-9.76E+00	-1.27E+01	-1.59E+00	0.00E+00	0.00E+00	0.00E+00	-2.52E+02
VZ222N	-5.44E-03	-4.57E-01	-1.30E-02	-2.93E-01	0.00E+00	0.00E+00	-7.62E-01	-4.58E-04	-2.30E-04	-7.22E-03	0.00E+00	-9.06E-05	-6.13E-09	-4.88E-08	-1.58E-02	-1.30E+01	0.00E+00	0.00E+00	-2.00E+00	-3.68E-02	-6.64E+00	0.00E+00	9.88E-09	-2.30E-08	-2.46E-03	-2.76E-05	-1.47E+00	0.00E+00	-6.64E+00	-2.71E-05	-6.64E+00	-7.30E+00	-1.47E+00	0.00E+00	0.00E+00	0.00E+00	-9.85E+01
VZ222NA	-3.30E-03	-3.93E-01	-1.16E-02	-2.58E-01	0.00E+00	0.00E+00	-7.21E-01	-4.40E-04	-2.36E-05	-2.19E-03	0.00E+00	-9.11E-05	-1.37E-09	-3.87E-08	-1.60E-02	-1.32E+01	0.00E+00	0.00E+00	-3.57E-01	-3.67E-02	-5.47E+00	0.00E+00	1.04E-08	-1.42E-08	-7.14E-04	-2.49E-05	-1.42E+00	0.00E+00	-5.47E+00	-2.17E-05	-5.47E+00	-6.55E+00	-1.42E+00	0.00E+00	0.00E+00	0.00E+00	-3.12E+01
VZ223H	-3.81E-03	-1.04E+00	-3.44E-02	-3.48E-01	0.00E+00	0.00E+00	-4.83E+00	-6.46E-04	1.86E-04	-5.15E-03	0.00E+00	-1.89E-04	-2.22E-08	-7.37E-08	-3.31E-02	-1.50E+01	0.00E+00	0.00E+00	-9.84E+00	-7.54E-02	-1.46E+01	0.00E+00	9.34E-09	-4.31E-08	-4.56E-03	-8.01E-05	-1.88E+00	0.00E+00	-1.46E+01	-3.95E-05	-1.46E+01	-1.73E+01	-1.88E+00	0.00E+00	0.00E+00	0.00E+00	-4.56E+02
VZ224N	-6.39E-03	-1.05E+00	-2.83E-02	-5.08E-01	0.00E+00	0.00E+00	-5.72E+00	-6.24E-04	-9.20E-04	-1.22E-02	0.00E+00	-1.63E-04	-2.11E-08	-5.15E-08	-3.91E-02	-1.55E+01	0.00E+00	0.00E+00	-8.01E+00	-5.60E-02	-1.13E+01	0.00E+00	-2.20E-08	-4.89E-08	-6.17E-03	-6.10E-05	-2.59E+00	0.00E+00	-1.13E+01	-3.57E-05	-1.13E+01	-1.22E+01	-2.59E+00	0.00E+00	0.00E+00	0.00E+00	-3.78E+02
VZ224NA	-6.14E-03	-7.26E-01	-2.68E-02	-4.70E-01	0.00E+00	0.00E+00	-3.20E+00	-6.20E-04	-7.98E-04	-1.18E-02	0.00E+00	-1.62E-04	-2.13E-08	-5.29E-08	-3.85E-02	-1.52E+01	0.00E+00	0.00E+00	-3.66E+00	-5.72E-02	-9.11E+00	0.00E+00	-1.32E-08	-3.90E-08	-4.75E-03	-6.10E-05	-2.52E+00	0.00E+00	-9.11E+00	-3.57E-05	-9.11E+00	-1.05E+01	-2.52E+00	0.00E+00	0.00E+00	0.00E+00	-2.02E+02
VZ225A	-6.56E-03	-6.12E-01	-2.53E-02	-2.69E-01	0.00E+00	0.00E+00	1.42E+01	-6.14E-04	-3.59E-04	-9.56E-03	0.00E+00	-2.02E-04	-2.05E-08	-5.36E-08	1.91E-02	-1.55E+01	0.00E+00	0.00E+00	5.73E-02	-6.94E-02	-9.77E+00	0.00E+00	2.13E-07	-2.91E-08	-4.36E-03	-7.61E-05	-2.62E+00	0.00E+00	-9.77E+00	-3.67E-05	-9.77E+00	-6.69E+00	-2.62E+00	0.00E+00	0.00E+00	0.00E+00	-1.78E+02
VZ225NA	-6.56E-03	-6.12E-01	-2.53E-02	-2.69E-01	0.00E+00	0.00E+00	1.42E+01	-6.14E-04	-3.59E-04	-9.56E-03	0.00E+00	-2.02E-04	-2.05E-08	-5.36E-08	1.91E-02	-1.55E+01	0.00E+00	0.00E+00	5.73E-02	-6.94E-02	-9.77E+00	0.00E+00	2.13E-07	-2.91E-08	-4.36E-03	-7.61E-05	-2.62E+00	0.00E+00	-9.77E+00	-3.67E-05	-9.77E+00	-6.69E+00	-2.62E+00	0.00E+00	0.00E+00	0.00E+00	-1.78E+02
VZ24AP2	-5.04E-03	3.42E-01	4.02E-02	-1.38E-01	0.00E+00	0.00E+00	1.62E+01	-1.88E-04	-7.15E-05	-3.26E-03	0.00E+00	-8.44E-05	-2.28E-09	6.57E-09	3.34E-02	-1.47E+01	0.00E+00	0.00E+00	1.22E+01	-2.94E-02	1.17E+01	0.00E+00	9.24E-08	5.99E-08	-4.66E-04	-3.91E-05	-2.27E-01	0.00E+00	1.17E+01	-8.82E-06	1.17E+01	5.01E+00	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+02
VZ24AU	-1.46E-02	5.97E-01	4.22E-02	-3.93E-01	0.00E+00	0.00E+00	1.74E+01	-1.24E-03	-2.39E-05	-4.44E-03	0.00E+00	-9.75E-05	-3.51E-09	-1.42E-07	4.40E-02	-1.32E+01	0.00E+00	0.00E+00	1.37E+01	-4.66E-02	1.49E+01	0.00E+00	1.09E-07	5.67E-08	-1.54E-03	-4.21E-05	-5.62E-02	0.00E+00	1.49E+01	-5.64E-05	1.49E+01	5.62E+00	-5.62E-02	0.00E+00	0.00E+00	0.00E+00	4.56E+02
VZ24CHU	-3.91E-02	-4.59E+00	-5.11E-02	-4.54E+00	0.00E+00	0.00E+00	-1.75E+01	-2.97E-03	-4.52E-03	-5.44E-02	0.00E+00	1.10E-20	-4.11E-08	-3.21E-07	-6.51E-02	-1.11E+01	0.00E+00	0.00E+00	-3.05E+01	4.20E-20	-4.54E+01	0.00E+00	-1.99E-07	-3.91E-07	-2.40E-02	0.00E+00	-3.79E+00	0.00E+00	-4.54E+01	-1.21E-04	-4.54E+01	-4.92E+01	-3.79E+00	0.00E+00	0.00E+00	0.00E+00	-1.28E+03
VZ24NAV	-2.30E-02	-1.90E-01	1.09E-02	-1.76E-01	0.00E+00	0.00E+00	-6.86E-01	-2.98E-03	-4.59E-04	-1.09E-02	0.00E+00	-8.51E-05	-4.91E-09	-4.36E-07	1.05E-03	-1.16E+01	0.00E+00	0.00E+00	-5.58E-01	-5.49E-02	-1.87E+00	0.00E+00	4.20E-08	-3.88E-08	-3.63E-03	-4.57E-05	-1.27E+00	0.00E+00	-1.87E+00	-9.53E-05	-1.87E+00	-3.84E+00	-1.27E+00	0.00E+00	0.00E+00	0.00E+00	-9.05E+01
VZ24NRK	-1.01E-02	-5.30E-01	1.14E-02	-7.73E-01	0.00E+00	0.00E+00	5.71E+00	-1.13E-03	-6.71E-04	-9.84E-03	0.00E+00	-1.80E-04	-2.35E-08	-9.19E-08	1.27E-02	-1.84E+01	0.00E+00	0.00E+00	1.04E+00	-4.77E-02	-4.01E+00	0.00E+00	5.98E-08	4.03E-08	-5.32E-03	-7.66E-05	-7.48E-01	0.00E+00	-4.01E+00	-3.42E-05	-4.01E+00	-1.26E+01	-7.48E-01	0.00E+00	0.00E+00	0.00E+00	-6.65E+01
VZ24NUH	-3.05E-02	-2.15E+00	-3.59E-02	-3.09E+00	0.00E+00	0.00E+00	-4.32E-01	-3.81E-03	-3.35E-03	-4.48E-02	0.00E+00	-2.49E-04	-2.30E-08	-4.84E-07	-8.22E-02	-2.09E+01	0.00E+00	0.00E+00	-1.06E+01	-7.38E-02	-1.42E+01	0.00E+00	-1.12E-07	-2.40E-07	-1.63E-02	-1.04E-04	-1.77E+00	0.00E+00	-1.42E+01	-9.57E-05	-1.42E+01	-1.78E+01	-1.77E+00	0.00E+00	0.00E+00	0.00E+00	-4.91E+02
VZ309	4.50E-04	-9.24E-02	-2.98E-03	-6.99E-02	0.00E+00	0.00E+00	-1.31E-01	-1.94E-05	8.27E-05	-1.09E-04	0.00E+00	-1.77E-05	-1.72E-11	-9.83E-09	-1.35E-02	-1.19E+00	0.00E+00	0.00E+00	7.99E-02	-1.28E-02	-2.40E+00	0.00E+00	9.55E-09	-7.40E-09	-1.35E-04	-1.25E-05	-3.54E-01	0.00E+00	-2.40E+00	-1.81E-06	-2.40E+00	-3.27E+00	-3.54E-01	0.00E+00	0.00E+00	0.00E+00	-8.24E+00
VZ311	3.23E-04	-1.03E-01	-5.52E-03	-7.14E-02	0.00E+00	0.00E+00	-1.00E-01	-1.39E-04	5.71E-05	-3.08E-04	0.00E+00	-1.60E-05	-8.87E-11	-1.25E-08	-1.48E-02	-1.50E+00	0.00E+00	0.00E+00	-1.93E-02	-1.03E-02	-2.50E+00	0.00E+00	9.37E-09	-7.08E-09	-1.59E-04	-8.67E-06	-1.25E-01	0.00E+00	-2.50E+00	-7.22E-06	-2.50E+00	-3.11E+00	-1.25E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
VZ313	5.61E-04	1.93E-02	1.34E-03	1.80E-02	0.00E+00	0.00E+00	2.20E-01	3.69E-07	3.84E-04	2.19E-04	0.00E+00	6.77E-21	4.24E-11	4.49E-09	1.26E-03	9.57E-02	0.00E+00	0.00E+00	2.06E-01	2.60E-20	2.97E-01	0.00E+00	2.62E-09	1.50E-09	8.57E-05	0.00E+00	3.71E-02	0.00E+00	2.97E-01	2.00E-08	2.97E-01	3.34E-01	3.71E-02	0.00E+00	0.00E+00	0.00E+00	7.71E+00
VZ331N	-3.80E-04	-1.20E-01	2.23E-02	-1.14E-01	0.00E+00	0.00E+00	8.23E+00	-4.51E-04	1.85E-04	5.98E-04	0.00E+00	-6.51E-05	-6.35E-09	-1.64E-08	1.04E-02	-1.46E+00	0.00E+00	0.00E+00	8.93E+00	-2.36E-02	-1.86E-01	0.00E+00	7.35E-08	2.36E-08	1.24E-03	-1.87E-05	5.78E-01	0.00E+00	-1.86E-01	-1.40E-05	-1.86E-01	-1.74E+00	5.78E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+02
VZ332N	-1.91E-03	-2.01E-01	1.90E-02	-9.30E-02	0.00E+00	0.00E+00	8.58E+00	-4.33E-04	2.61E-04	8.45E-04	0.00E+00	-7.60E-05	-7.32E-09	-4.85E-08	1.88E-02	-4.55E+00	0.00E+00	0.00E+00	9.59E+00	-2.26E-02	-1.70E+00	0.00E+00	1.07E-07	2.52E-08	1.31E-03	-2.02E-05	5.58E-01	0.00E+00	-1.70E+00	-1.28E-05	-1.70E+00	-4.63E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+02
VZ333N	-7.09E-03	-4.79E-01	1.90E-02	-5.94E-01	0.00E+00	0.00E+00	8.38E+00	-4.61E-04	2.89E-04	-3.18E-03	0.00E+00	-8.70E-05	-7.31E-09	-3.65E-08	1.66E-02	-1.48E+01	0.00E+00	0.00E+00	9.47E+00	-3.81E-02	-4.17E+00	0.00E+00	1.14E-07	2.69E-08	6.65E-04	-3.33E-05	-4.62E-01	0.00E+00	-4.17E+00	-1.48E-05	-4.17E+00	-1.02E+01	-4.62E-01	0.00E+00	0.00E+00	0.00E+00	3.59E+02
VZ334N	-6.35E-03	-4.72E-01	2.06E-02	-6.19E-01	0.00E+00	0.00E+00	8.41E+00	-4.44E-04	2.44E-04	-3.38E-03	0.00E+00	-9.53E-05	-7.11E-09	-3.76E-08	1.90E-02	-1.32E+01	0.00E+00	0.00E+00	9.77E+00	-3.32E-02	-2.85E+00	0.00E+00	8.31E-08	3.22E-08	9.33E-04	-3.55E-05	-3.87E-01	0.00E+00	-2.85E+00	-1.49E-05	-2.85E+00	-9.33E+00	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	3.74E+02
VZ335N	-8.99E-03	-2.24E+00	-1.68E-02	-1.32E+00	0.00E+00	0.00E+00	-9.69E+00	-6.31E-04	-1.04E-03	-9.29E-03	0.00E+00	-2.24E-04	-3.75E-08	-5.30E-08	-3.07E-02	-1.54E+01	0.00E+00	0.00E+00	-1.85E+01	-1.35E-01	-2.59E+01	0.00E+00	3.72E-08	-1.25E-07	-9.02E-03	-8.81E-05	-6.91E-01	0.00E+00	-2.59E+01	-2.34E-05	-2.59E+01	-2.62E+01	-6.91E-01	0.00E+00	0.00E+00	0.00E+00	-7.97E+02
VZ36AP2	-6.50E-03	1.13E-01	1.83E-02	-6.92E-01	0.00E+00	0.00E+00	8.76E+00	-1.64E-04	-2.44E-05	-6.15E-03	0.00E+00	-6.85E-05	-1.44E-09	1.05E-08	1.07E-02	-1.62E+01	0.00E+00	0.00E+00	8.92E+00	-4.30E-02	7.71E+00	0.00E+00	6.75E-08	2.35E-08	1.08E-04	-4.65E-05	-1.65E+00	0.00E+00	7.71E+00	-8.43E-06	7.71E+00	-1.27E-01	-1.65E+00	0.00E+00	0.00E+00	0.00E+00	3.09E+02
VZ36AU	-1.89E-02	2.24E-01	9.57E-03	-5.61E-01	0.00E+00	0.00E+00	6.79E+00	-3.75E-03	-1.13E-04	-1.06E-02	0.00E+00	-4.65E-05	-3.28E-09	-3.51E-07	1.44E-02	-1.37E+01	0.00E+00	0.00E+00	6.74E+00	-3.88E-02	8.53E+00	0.00E+00	1.16E-07	1.18E-08	-3.84E-04	-1.89E-05	-2.39E+00	0.00E+00	8.53E+00	-8.06E-05	8.53E+00	-3.33E-01	-2.39E+00	0.00E+00	0.00E+00	0.00E+00	2.10E+02
VZ36CAV	-1.51E-02	-3.20E-01	-2.91E-02	-2.91E-01	0.00E+00	0.00E+00	2.35E-01	-1.55E-03	-6.01E-04	-7.88E-03	0.00E+00	-2.03E-04	-1.13E-09	-1.73E-07	-4.97E-02	-1.32E+01	0.00E+00	0.00E+00	4.13E-01	-9.39E-02	-6.67E+00	0.00E+00	3.14E-08	-2.36E-08	-2.37E-03	-7.74E-05	-1.65E+00	0.00E+00	-6.67E+00	-4.37E-05	-6.67E+00	-8.32E+00	-1.65E+00	0.00E+00	0.00E+00	0.00E+00	-1.53E+01

VZ36CHU	-2.05E-02	-4.11E+00	-3.81E-02	-4.07E+00	0.00E+00	0.00E+00	-1.23E+01	-1.39E-03	-2.49E-03	-4.16E-02	0.00E+00	1.28E-19	-3.84E-08	-1.24E-07	-3.61E-02	-9.10E+00	0.00E+00	0.00E+00	-2.56E+01	4.90E-19	-3.87E+01	0.00E+00	-1.50E-07	-3.41E-07	-2.02E-02	0.00E+00	-3.15E+00	0.00E+00	-3.87E+01	-7.36E-05	-3.87E+01	-4.19E+01	-3.15E+00	0.00E+00	0.00E+00	0.00E+00	-1.09E+03
VZ36MME	-8.98E-03	-3.59E-01	-1.80E-02	-5.21E-01	0.00E+00	0.00E+00	-8.88E-01	-9.17E-04	4.38E-04	-2.68E-03	0.00E+00	-1.77E-04	-2.76E-09	-6.48E-08	-2.17E-02	-1.99E+01	0.00E+00	0.00E+00	-1.70E+00	-7.54E-02	-3.11E+00	0.00E+00	1.49E-08	-2.91E-08	-3.67E-03	-5.33E-05	-2.69E+00	0.00E+00	-3.11E+00	-3.95E-05	-3.11E+00	-5.21E+00	-2.69E+00	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
VZ36MMK	-8.93E-03	-3.59E-01	-1.80E-02	-5.22E-01	0.00E+00	0.00E+00	-8.88E-01	-9.18E-04	4.38E-04	-2.68E-03	0.00E+00	-1.78E-04	-2.96E-09	-6.48E-08	-2.17E-02	-1.99E+01	0.00E+00	0.00E+00	-1.77E+00	-7.56E-02	-3.11E+00	0.00E+00	1.58E-08	-2.89E-08	-3.67E-03	-5.37E-05	-2.69E+00	0.00E+00	-3.11E+00	-3.95E-05	-3.11E+00	-5.21E+00	-2.69E+00	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
VZ36NAV	-2.61E-02	-2.60E-01	2.14E-02	-3.58E-02	0.00E+00	0.00E+00	-2.26E+00	-3.75E-03	-4.15E-04	-6.64E-03	0.00E+00	-5.20E-05	-6.57E-09	-4.46E-07	-2.06E-04	-1.26E+01	0.00E+00	0.00E+00	-3.12E+00	-4.34E-02	-2.54E+00	0.00E+00	7.29E-08	-2.92E-08	-2.69E-03	-3.46E-05	-1.48E+00	0.00E+00	-2.54E+00	-9.76E-05	-2.54E+00	-6.21E+00	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	-2.03E+02
VZ36NRK	-1.80E-02	-1.83E+00	4.03E-02	-1.81E+00	0.00E+00	0.00E+00	1.46E+01	-1.66E-03	-3.68E-04	-2.92E-02	0.00E+00	-2.45E-04	-3.98E-08	-1.67E-07	8.40E-02	-1.38E+01	0.00E+00	0.00E+00	-5.92E+00	-1.06E-01	-1.27E+01	0.00E+00	1.90E-07	-1.14E-07	-1.13E-02	-1.04E-04	-1.04E+00	0.00E+00	-1.27E+01	-7.38E-05	-1.27E+01	-1.47E+01	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-3.95E+02
VZ36NUH	-3.40E-02	-3.20E+00	-4.99E-02	-2.98E+00	0.00E+00	0.00E+00	-1.21E+01	-4.33E-03	-3.66E-03	-4.25E-02	0.00E+00	-2.78E-04	-1.73E-08	-5.12E-07	-1.12E-01	-2.54E+01	0.00E+00	0.00E+00	-1.98E+01	-1.20E-01	-3.39E+01	0.00E+00	-1.33E-07	-3.33E-07	-1.79E-02	-1.32E-04	-2.98E+00	0.00E+00	-3.39E+01	-1.21E-04	-3.39E+01	-3.31E+01	-2.98E+00	0.00E+00	0.00E+00	0.00E+00	-9.12E+02
VZ406	-1.49E-04	-9.64E-02	-6.32E-03	-6.88E-02	0.00E+00	0.00E+00	-9.96E-02	-3.39E-04	5.89E-05	-1.84E-04	0.00E+00	-3.48E-05	-7.29E-10	-1.42E-08	-1.51E-02	-5.75E-01	0.00E+00	0.00E+00	-5.78E-02	-2.17E-02	-2.45E+00	0.00E+00	1.24E-08	-9.62E-09	-1.80E-04	-1.67E-05	-1.72E-01	0.00E+00	-2.45E+00	-6.92E-06	-2.45E+00	-3.10E+00	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
VZ408	6.32E-06	-1.26E-01	-4.41E-03	-6.98E-02	0.00E+00	0.00E+00	-2.83E-01	-1.50E-05	5.60E-05	-1.37E-04	0.00E+00	-5.79E-05	-5.84E-10	-6.20E-09	-1.43E-02	-1.39E+00	0.00E+00	0.00E+00	2.99E-02	-2.79E-02	-2.56E+00	0.00E+00	9.14E-09	-7.91E-09	-1.53E-04	-1.88E-05	-2.92E-01	0.00E+00	-2.56E+00	-8.98E-07	-2.56E+00	-3.57E+00	-2.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+01
VZ411N	-3.02E-05	-8.17E-02	-8.23E-04	-7.49E-02	0.00E+00	0.00E+00	1.40E-01	-8.99E-06	5.48E-05	-5.99E-05	0.00E+00	-4.82E-05	6.62E-12	-3.88E-09	-1.37E-02	-6.82E-01	0.00E+00	0.00E+00	3.00E-02	-2.55E-02	-2.61E+00	0.00E+00	3.14E-08	-8.17E-09	-1.48E-04	-1.43E-05	-1.73E-01	0.00E+00	-2.61E+00	-8.14E-07	-2.61E+00	-3.25E+00	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
VZ418	6.96E-04	2.49E-01	-6.18E-03	5.05E-02	0.00E+00	0.00E+00	-1.90E-01	-4.66E-05	1.00E-03	3.60E-04	0.00E+00	-4.47E-05	-1.95E-10	-7.39E-09	-1.11E-02	-1.69E+00	0.00E+00	0.00E+00	1.51E-01	-1.82E-02	-2.24E+00	0.00E+00	2.64E-08	-7.82E-09	3.38E-04	-2.21E-05	-1.75E-01	0.00E+00	-2.24E+00	-2.27E-06	-2.24E+00	-3.07E+00	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
VZ451N	-1.73E-04	-1.30E-01	-6.74E-03	-1.02E-01	0.00E+00	0.00E+00	-5.53E-01	-1.69E-04	5.33E-05	-5.88E-04	0.00E+00	-4.10E-05	-5.33E-10	-7.89E-09	-1.72E-02	-1.10E+00	0.00E+00	0.00E+00	-1.61E-01	-1.50E-02	-3.02E+00	0.00E+00	1.12E-08	-8.82E-09	-1.59E-04	-1.04E-05	-3.38E-01	0.00E+00	-3.02E+00	-1.52E-06	-3.02E+00	-3.60E+00	-3.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
VZ452N	6.67E-04	-3.56E-02	-6.74E-03	-7.90E-02	0.00E+00	0.00E+00	-5.48E-01	-1.84E-04	8.27E-05	6.55E-04	0.00E+00	-5.75E-05	-9.99E-10	-7.34E-09	-1.41E-02	-9.97E-01	0.00E+00	0.00E+00	-1.41E-01	-2.52E-02	-2.81E+00	0.00E+00	2.53E-08	-8.71E-09	-7.48E-05	-1.91E-05	-2.99E-01	0.00E+00	-2.81E+00	-2.34E-06	-2.81E+00	-3.12E+00	-2.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+01
VZ453N	-4.84E-04	-2.02E-01	-1.14E-02	-1.28E-01	0.00E+00	0.00E+00	-6.30E-01	-1.95E-04	1.04E-04	1.62E-04	0.00E+00	-7.91E-05	-1.11E-09	-7.84E-09	-1.75E-02	-1.37E+00	0.00E+00	0.00E+00	-1.86E-01	-3.96E-02	-7.50E+00	0.00E+00	3.09E-08	-1.17E-08	-1.89E-04	-3.99E-05	-4.96E-01	0.00E+00	-7.50E+00	-2.25E-06	-7.50E+00	-1.06E+01	-4.96E-01	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
VZ454N	-3.76E-03	-3.23E-01	-1.11E-02	-2.41E-02	0.00E+00	0.00E+00	-7.56E-01	-2.10E-04	-1.05E-04	-9.05E-04	0.00E+00	-7.70E-05	-2.00E-09	-7.69E-09	-7.01E-03	-6.16E+00	0.00E+00	0.00E+00	-4.24E-01	-2.68E-02	-5.29E+00	0.00E+00	3.19E-08	-1.78E-08	-4.59E-04	-2.91E-05	-7.53E-01	0.00E+00	-5.29E+00	-2.28E-06	-5.29E+00	-9.64E+00	-7.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.25E+01
VZ455M	-6.04E-04	-4.20E-01	-1.60E-02	-6.42E-01	0.00E+00	0.00E+00	-7.52E-01	-2.03E-04	-4.34E-04	-2.00E-03	0.00E+00	-8.90E-05	-1.73E-09	-1.03E-08	-1.98E-02	-9.13E+00	0.00E+00	0.00E+00	-7.23E-02	-3.57E-02	-5.80E+00	0.00E+00	3.46E-08	-1.18E-08	-7.02E-04	-3.54E-05	-1.99E+00	0.00E+00	-5.80E+00	-1.25E-06	-5.80E+00	-1.09E+01	-1.99E+00	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
VZ461	-1.91E-02	-1.09E-01	-1.20E-02	-1.01E-01	0.00E+00	0.00E+00	-2.10E+00	-2.39E-03	-2.10E-04	-2.85E-03	0.00E+00	-7.87E-05	-4.09E-09	-3.21E-07	-1.56E-02	-1.56E+00	0.00E+00	0.00E+00	-2.15E+00	-3.34E-02	-2.77E+00	0.00E+00	1.26E-08	-4.30E-08	-2.63E-03	-2.49E-05	-8.47E-01	0.00E+00	-2.77E+00	-6.81E-05	-2.77E+00	-4.53E+00	-8.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
VZ462	-2.52E-02	-1.06E-01	9.78E-05	-1.59E-02	0.00E+00	0.00E+00	1.38E-01	-3.21E-03	-2.52E-04	-3.78E-03	0.00E+00	-6.78E-05	-4.38E-09	-3.76E-07	-1.71E-03	-1.45E+00	0.00E+00	0.00E+00	-6.27E-01	-3.44E-02	-1.23E+00	0.00E+00	2.55E-08	-4.05E-08	-2.95E-03	-2.23E-05	-7.74E-01	0.00E+00	-1.23E+00	-7.30E-05	-1.23E+00	-3.22E+00	-7.74E-01	0.00E+00	0.00E+00	0.00E+00	-5.18E+01
VZ463	-2.21E-02	1.39E-01	2.19E-02	5.63E-01	0.00E+00	0.00E+00	5.72E+00	-3.25E-03	-1.07E-04	-1.91E-03	0.00E+00	-1.01E-04	-4.56E-09	-3.32E-07	-1.05E-03	-8.73E+00	0.00E+00	0.00E+00	4.62E+00	-5.12E-02	2.24E+00	0.00E+00	1.64E-07	-2.23E-08	-2.79E-03	-3.18E-05	-1.34E+00	0.00E+00	2.24E+00	-7.05E-05	2.24E+00	-3.67E+00	-1.34E+00	0.00E+00	0.00E+00	0.00E+00	9.17E+01
VZ473	3.43E-04	-1.42E-01	-6.48E-03	-6.96E-02	0.00E+00	0.00E+00	-5.33E-01	-1.95E-04	6.57E-05	1.57E-04	0.00E+00	-3.49E-05	4.61E-10	-9.39E-09	-1.28E-02	-1.73E+00	0.00E+00	0.00E+00	-1.75E-01	-2.16E-02	-2.45E+00	0.00E+00	1.18E-08	-7.22E-09	-1.36E-04	-1.60E-05	-1.21E-01	0.00E+00	-2.45E+00	-3.93E-06	-2.45E+00	-3.67E+00	-1.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
VZ48AU	-1.91E-02	2.47E-01	1.70E-02	-6.92E-01	0.00E+00	0.00E+00	7.17E+00	-3.62E-03	2.17E-04	-1.17E-02	0.00E+00	-6.68E-05	-3.96E-09	-3.62E-07	5.91E-02	-1.67E+01	0.00E+00	0.00E+00	6.79E+00	-4.29E-02	5.36E+00	0.00E+00	1.02E-07	2.25E-08	-4.06E-04	-3.53E-05	-1.52E+00	0.00E+00	5.36E+00	-8.22E-05	5.36E+00	-2.40E+00	-1.52E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+02
VZ48CAV	-1.52E-03	-4.26E-01	2.21E-03	-4.28E-01	0.00E+00	0.00E+00	-1.56E+00	-3.32E-04	1.06E-03	-4.18E-03	0.00E+00	1.93E-19	-8.98E-09	-1.53E-08	1.94E-02	-7.05E+00	0.00E+00	0.00E+00	-4.44E+00	7.38E-19	-3.84E+00	0.00E+00	1.18E-08	-6.47E-08	-3.29E-03	0.00E+00	-1.23E+00	0.00E+00	-3.84E+00	-1.64E-05	-3.84E+00	-5.07E+00	-1.23E+00	0.00E+00	0.00E+00	0.00E+00	-2.12E+02
VZ48CHU	-5.06E-02	-5.97E+00	-1.14E-01	-5.86E+00	0.00E+00	0.00E+00	-2.27E+01	-3.84E-03	-5.69E-03	-6.84E-02	0.00E+00	-2.54E-04	-4.84E-08	-4.21E-07	-1.69E-01	-2.25E+01	0.00E+00	0.00E+00	-3.64E+01	-1.17E-01	-6.68E+01	0.00E+00	-2.36E-07	-4.75E-07	-2.95E-02	-9.68E-05	-5.92E+00	0.00E+00	-6.68E+01	-1.52E-04	-6.68E+01	-7.27E+01	-5.92E+00	0.00E+00	0.00E+00	0.00E+00	-1.53E+03
VZ48MME	-9.20E-03	-3.59E-01	-1.76E-02	-5.21E-01	0.00E+00	0.00E+00	-8.88E-01	-9.01E-04	4.37E-04	-2.73E-03	0.00E+00	-1.77E-04	-2.75E-09	-6.45E-08	-2.20E-02	-1.97E+01	0.00E+00	0.00E+00	-1.67E+00	-7.64E-02	-3.26E+00	0.00E+00	1.58E-08	-2.88E-08	-3.67E-03	-5.33E-05	-2.72E+00	0.00E+00	-3.26E+00	-3.95E-05	-3.26E+00	-5.28E+00	-2.72E+00	0.00E+00	0.00E+00	0.00E+00	-1.17E+02
VZ48MMK	-8.93E-03	-3.59E-01	-1.79E-02	-5.22E-01	0.00E+00	0.00E+00	-8.88E-01	-9.18E-04	4.37E-04	-2.69E-03	0.00E+00	-1.78E-04	-2.96E-09	-6.48E-08	-2.20E-02	-1.99E+01	0.00E+00	0.00E+00	-1.77E+00	-7.62E-02	-3.11E+00	0.00E+00	1.65E-08	-2.87E-08	-3.67E-03	-5.37E-05	-2.65E+00	0.00E+00	-3.11E+00	-3.95E-05	-3.11E+00	-5.28E+00	-2.65E+00	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
VZ48NAV	-1.81E-02	2.70E-01	3.56E-02	1.41E-01	0.00E+00	0.00E+00	9.54E+00	-3.51E-03	-2.74E-04	-7.04E-03	0.00E+00	-1.27E-04	-5.81E-09	-2.98E-07	1.68E-02	-2.02E+01	0.00E+00	0.00E+00	1.04E+01	-7.82E-02	4.11E+00	0.00E+00	1.97E-07	-1.64E-08	-2.42E-03	-7.55E-05	-1.17E+00	0.00E+00	4.11E+00	-8.36E-05	4.11E+00	-4.30E+00	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+02
VZ48NRK	-2.10E-02	-2.50E+00	5.18E-02	-3.01E+00	0.00E+00	0.00E+00	2.13E+01	-1.94E-03	-3.71E-04	-3.63E-02	0.00E+00	-9.57E-05	-4.07E-08	-1.85E-07	1.27E-01	-1.23E+01	0.00E+00	0.00E+00	-3.30E+00	-6.21E-02	-1.40E+01	0.00E+00	2.30E-07	-2.10E-07	-1.58E-02	-4.78E-05	-1.93E+00	0.00E+00	-1.40E+01	-8.45E-05	-1.40E+01	-1.82E+01	-1.93E+00	0.00E+00	0.00E+00	0.00E+00	-2.99E+02
VZ48NUH	-2.83E-02	-2.85E+00	-5.64E-02	-3.35E+00	0.00E+00	0.00E+00	-1.15E+00	-3.64E-03	-3.60E-03	-3.98E-02	0.00E+00	-4.56E-04	-1.69E-08	-3.25E-07	-1.34E-01	-3.18E+01	0.00E+00	0.00E+00	-8.88E+00	-2.05E-01	-3.41E+01	0.00E+00	-1.06E-07	-3.38E-07	-1.84E-02	-1.74E-04	-1.93E+00	0.00E+00	-3.41E+01	-9.71E-05	-3.41E+01	-3.89E+01	-1.93E+00	0.00E+00	0.00E+00	0.00E+00	-5.56E+02
VZ510N	-1.08E-03	-1.71E-01	-7.81E-03	-1.05E-01	0.00E+00	0.00E+00	-6.66E-01	-4.30E-05	3.75E-05	-3.92E-04	0.00E+00	-7.86E-05	-3.67E-10	-1.19E-08	-1.63E-02	-9.22E+00	0.00E+00	0.00E+00	-4.65E-02	-3.09E-02	-2.64E+00	0.00E+00	9.36E-09	-9.23E-09	-1.59E-04	-2.10E-05	-1.17E+00	0.00E+00	-2.64E+00	-3.28E-06	-2.64E+00	-4.67E+00	-1.17E+00	0.00E+00	0.00E+00	0.00E+00	-1.36E+01
VZ511N	-9.94E-04	-1.85E-01	-7.81E-03	-1.15E-01	0.00E+00	0.00E+00	-5.66E-01	-3.95E-05	3.89E-05	-4.38E-04	0.00E+00	-8.41E-05	-3.89E-10	-1.16E-08	-1.98E-02	-8.97E+00	0.00E+00	0.00E+00	-2.14E-02	-3.30E-02	-2.75E+00	0.00E+00	9.28E-09	-9.23E-09	-1.94E-04	-2.19E-05	-1.18E+00	0.00E+00	-2.75E+00	-2.73E-06	-2.75E+00	-4.82E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-1.36E+01
VZ512N	-1.26E-03	-1.77E-01	-9.32E-03	-1.03E-01	0.00E+00	0.00E+00	-5.87E-01	-8.76E-05	5.25E-05	-4.16E-04	0.00E+00	-8.19E-05	-3.66E-10	-1.56E-08	-1.79E-02	-9.10E+00	0.00E+00	0.00E+00	-4.33E-03	-3.09E-02	-3.30E+00	0.00E+00	9.36E-09	-9.52E-09	-1.85E-04	-2.10E-05	-1.19E+00	0.00E+00	-3.30E+00	-6.94E-06	-3.30E+00	-4.82E+00	-1.19E+00	0.00E+00	0.00E+00	0.00E+00	-1.41E+01
VZ513N	-1.26E-03	-1.77E-01	-9.32E-03	-1.03E-01	0.00E+00	0.00E+00	-5.87E-01	-8.04E-05	5.25E-05	-4.16E-04	0.00E+00	-8.19E-05	-3.61E-10	-1.05E-08	-1.75E-02	-9.10E+00	0.00E+00	0.00E+00	-4.33E-03	-3.09E-02	-3.30E+00	0.00E+00	9.36E-09	-9.52E-09	-1.85E-04	-2.10E-05	-1.20E+00	0.00E+00	-3.30E+00	-6.40E-06	-3.30E+00	-4.82E+00	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.41E+01
VZ514N	-1.26E-03	-1.77E-01	-9.32E-03	-1.03E-01	0.00E+00	0.00E+00	-6.87E-01	-8.47E-05	4.95E-05	-4.33E-04	0.00E+00	-8.19E-05	-3.61E-10	-1.05E-08	-1.47E-02	-9.10E+00	0.00E+00	0.00E+00	-2.55E-02	-3.09E-02	-3.30E+00	0.00E+00	9.36E-09	-9.52E-09	-1.50E-04	-2.10E-05	-1.20E+00	0.00E+00	-3.30E+00	-6.40E-06	-3.30E+00	-4.82E+00	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	-1.41E+01
VZ515N	-2.26E-03	-4.14E-01	-1.01E-02	-2.65E-01	0.00E+00	0.00E+00	-9.26E-01	-3.93E-04	3.42E-05	-2.11E-03	0.00E+00	-8.65E-05	-9.53E-10	-3.14E-08	-9.44E-03	-1.81E+01	0.00E+00	0.00E+00	-5.10E-01	-3.22E-02	-5.45E+00	0.00E+00	1.53E-08	-1.37E-08	-2.87E-04	-2.28E-05	-1.98E+00	0.00E+00	-5.45E+00	-1.70E-05	-5.45E+00	-6.61E+00	-1.98E+00	0.00E+00	0.00E+00	0.00E+00	-2.40E+01
VZ523	-6.01E-03	-6.88E-01	-2.05E-02	-3.73E-03	0.00E+00	0.00E+00	1.62E-01	-6.68E-04	2.04E-04	-2.53E-05	0.00E+00	-2.24E-04	-5.93E-10	-7.64E-08	2.23E-02	-9.99E+00	0.00E+00	0.00E+00	2.48E-01	-8.74E-02	-1.59E+01	0.00E+00	2.17E-08	-2.49E-08	1.22E-03	-6.39E-05	-1.18E+00	0.00E+00	-1.59E+01	-1.19E-05	-1.59E+01	-1.47E+01	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-1.61E+01
VZ551N	-1.49E-04	-9.64E-02	-6.32E-03	-6.88E-02	0.00E+00	0.00E+00	-9.96E-02	-3.37E-04	5.89E-05	-1.84E-04	0.00E+00	-3.60E-05	-7.29E-10	-1.42E-08	-1.51E-02	-5.88E-01	0.00E+00	0.00E+00	-5.78E-02	-2.17E-02	-2.45E+00	0.00E+00	8.94E-09	-9.62E-09	-1.80E-04	-1.67E-05	-2.21E-01	0.00E+00	-2.45E+00	-6.92E-06	-2.45E+00	-3.10E+00	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
VZ552N	-8.03E-04	-1.05E-01	-7.05E-03	-6.88E-02	0.00E+00	0.00E+00	-2.66E-01	-3.92E-04	5.77E-05	-2.15E-04	0.00E+00	-4.70E-05	-1.24E-09	-1.31E-08	-1.70E-02	-7.76E-01	0.00E+00	0.00E+00	-1.42E-01	-2.28E-02	-2.40E+00	0.00E+00	1.36E-08	-9.62E-09	-1.82E-04	-1.56E-05	-3.27E-01	0.00E+00	-2.40E+00	-7.61E-06	-2.40E+00	-3.13E+00	-3.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
VZ553N	-1.09E-03	-1.06E-01	-8.52E-03	-6.94E-02	0.00E+00	0.00E+00	-4.13E-01	-4.64E-04	5.69E-05	-2.19E-04	0.00E+00	-4.78E-05	-1.37E-09	-1.43E-08	-1.70E-02	-4.71E-01	0.00E+00	0.00E+00	-1.42E-01	-2.31E-02	-2.29E+00	0.00E+00	1.37E-08	-9.62E-09	-1.86E-04	-1.52E-05	-3.34E-01	0.00E+00	-2.29E+00	-9.01E-06	-2.29E+00	-3.13E+00	-3.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
VZ554N	-7.20E-04	-9.93E-02	-8.60E-03	-6.36E-02	0.00E+00	0.00E+00	-4.13E-01	-4.67E-04	4.17E-05	-1.98E-04	0.00E+00	-4.10E-05	-1.35E-09	-1.43E-08	-1.70E-02	-4.46E-01	0.00E+00	0.00E+00	-1.42E-01	-2.42E-02	-2.27E+00	0.00E+00	1.43E-08	-9.62E-09	-1.86E-04	-1.50E-05	-2.76E-01	0.00E+00	-2.27E+00	-9.01E-06	-2.27E+00	-3.06E+00	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
VZ555N	-1.34E-03	-1.00E-01	-1.01E-02	-7.48E-02	0.00E+00	0.00E+00	-4.66E-01	-5.27E-04	3.68E-05	-3.32E-04	0.00E+00	-5.18E-05	-1.18E-09	-1.52E-08	-1.70E-02	-1.06E+00	0.00E+00	0.00E+00	-1.58E-01	-2.47E-02	-2.27E+00	0.00E+00	1.36E-08	-8.13E-09	-1.80E-04	-1.92E-05	-3.76E-01	0.00E+00	-2.27E+00	-1.14E-05	-2.27E+00	-3.32E+00	-3.76E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+01
VZ602	-1.10E-02	-1.79E-02	-1.15E-02	-9.26E-02	0.00E+00	0.00E+00	2.27E+00	-6.45E-04	1.24E-03	1.52E-03	0.00E+00	-5.78E-05	-1.37E-09	-5.68E-08	-1.78E-02	-1.82E+00	0.00E+00	0.00E+00	1.48E+00	-2.28E-02	-3.84E+00	0.00E+00	2.87E-08	7.30E-08	3.92E-03	-2.49E-05	-2.07E+00	0.00E+00	-3.84E+00	-2.09E-05	-3.84E+00	-5.05E+00	-2.07E+00	0.00E+00	0.00E+00	0.00E+00	5.70E+01
VZ602N	9.88E-05	-8.09E-02	-7.26E-03	-6.69E-02	0.00E+00	0.00E+00	-5.36E-01	-4.21E-05	5.93E-05	2.60E-05	0.00E+00	-4.88E-05	-9.56E-12	-3.46E-09	-1.63E-02	-1.58E+00	0.00E+00	0.00E+00	8.98E-02	-1.85E-02	-2.48E+00	0.00E+00	1.01E-08	-6.95E-09	-1.60E-04	-1.26E-05	-2.21E-01	0.00E+00	-2.48E+00	-1.13E-06	-2.48E+00	-3.17E+00	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
VZ603N	-1.64E-04	-7.31E-02	-7.21E-03	-7.03E-02	0.00E+00	0.00E+00	-5.36E-01	-4.22E-05	6.20E-05	-1.77E-05	0.00E+00	-5.56E-05	-2.99E-11	-3.46E-09	-1.55E-02	-2.20E+00	0.00E+00	0.00E+00	8.98E-02	-2.30E-02	-2.44E+00	0.00E+00	9.87E-09	-6.95E-09	-1.57E-04	-1.42E-05	-4.48E-01	0.00E+00	-2.44E+00	-1.15E-06	-2.44E+00	-3.27E+00	-4.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
VZ604N	-4.78E-06	-4.63E-02	-8.15E-03	-6.25E-02	0.00E+00	0.00E+00	-5.36E-01	-9.21E-05	6.44E-05	2.29E-04	0.00E+00	-6.54E-05	-3.58E-11	-4.06E-09	-1.45E-02	-2.13E+00	0.00E+00	0.00E+00	9.32E-02	-3.43E-02	-2.33E+00	0.00E+00	1.37E-08	-6.85E-09	-1.50E-04	-1.97E-05	-3.72E-01	0.00E+00	-2.33E+00	-2.05E-06	-2.33E+00	-3.23E+00	-3.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
VZ605N	2.34E-04	-1.44E-02	-8.39E-03	-5.29E-02	0.00E+00	0.00E+00	-5.36E-01	-9.14E-05	8.14E-05	4.32E-04	0.00E+00	-7.11E-05	-9.40E-11	-3.65E-09	-1.47E-02	-2.13E+00	0.00E+00	0.00E+00	9.32E-02	-3.55E-02	-2.40E+00	0.00E+00	1.55E-08	-6.93E-09	-1.11E-04	-1.98E-05	-3.14E-01	0.00E+00	-2.40E+00	-2.09E-06	-2.40E+00	-3.13E+00	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
VZ606N	3.03E-04	1.77E-02	-8.36E-03	-5.39E-02	0.00E+00	0.00E+00	-5.29E-01	-9.32E-05	1.10E-04	1.48E-04	0.00E+00	-6.46E-05	-1.64E-10	-3.72E-09	-1.47E-02	-3.61E+00	0.00E+00	0.00E+00	1.09E-01	-4.92E-02	-2.55E+00	0.00E+00	1.54E-08	-7.35E-09	-8.36E-05	-2.20E-05	-5.02E-01	0.00E+00	-2.55E+00	-2.34E-06	-2.55E+00	-3.32E+00	-5.02E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+01
VZ607N	-2.40E-04	-7.33E-02	-7.73E-03	-6.96E-02	0.00E+00	0.00E+00	-5.36E-01	-9.01E-05	6.03E-05	-1.44E-05	0.00E+00	-6.01E-05	-8.33E-11	-4.06E-09	-1.48E-02	-2.10E+00	0.00E+00	0.00E+00	9.32E-02	-2.88E-02	-2.42E+00	0.00E+00	1.05E-08	-6.85E-09	-1.50E-04	-1.72E-05	-3.71E-01	0.00E+00	-2.42E+00	-2.04E-06	-2.42E+00	-3.32E+00	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
VZ609N	8.04E-04	9.86E-02	-1.17E-02	-1.08E-02	0.00E+00	0.00E+00	-5.24E-01	-1.02E-04	1.11E-04	8.32E-04	0.00E+00	-1.05E-04	-2.03E-10	-3.66E-09	-1.47E-02	-2.84E+00	0.00E+00	0.00E+00	1.10E-01	-5.55E-02	-2.58E+00	0.00E+00	2.62E-08	-7.37E-09	-7.27E-05	-2.34E-05	-2.45E-01	0.00E+00	-2.58E+00	-3.36E-06	-2.58E+00	-3.48E+00	-2.45E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
VZ60AU	-1.66E-02	1.69E-01	2.01E-02	6.29E-02	0.00E+00	0.00E+00	1.95E+01	-3.47E-03	1.14E-03	-9.40E-03	0.00E+00	-1.55E-04	-3.01E-09	-3.55E-07	1.09E-01	-2.25E+01	0.00E+00	0.00E+00	8.80E+00	-7.62E-02	1.07E+00	0.00E+00	2.53E-07	4.39E-08	-4.69E-05	-1.10E-04	-1.19E+00	0.00E+00	1.07E+00	-7.87E-05	1.07E+00	-2.78E+00	-1.19E+00	0.00E+00	0.00E+00	0.00E+00	3.17E+02
VZ60CAV	-1.28E-02	-1.85E-01	1.60E-02	2.43E-01	0.00E+00	0.00E+00	1.62E+01	-3.22E-03	6.48E-04	-3.88E-03	0.00E+00	-1.49E-04	-6.01E-09	-2.79E-07	4.70E-02	-1.47E+01	0.00E+00	0.00E+00	2.75E+00	-7.60E-02	-2.95E+00	0.00E+00	2.15E-07	-1.19E-08	-3.48E-03	-7.16E-05	-1.57E+00	0.00E+00	-2.95E+00	-5.53E-05	-2.95E+00	-3.91E+00	-1.57E+00	0.00E+00	0.00E+00	0.00E+00	-2.33E+01
VZ60CHU	-2.43E-02	3.43E+00	1.50E-01	3.28E+00	0.00E+00	0.00E+00	3.48E+01	-3.98E-03	1.47E-03	1.33E-02	0.00E+00	1.91E-18	8.64E-10	-3.79E-07	2.63E-01	-1.64E-01	0.00E+00	0.00E+00	2.34E+01	6.54E-18	5.22E+01	0.00E+00	4.04E-07	1.04E-07	3.50E-03	0.00E+00	3.81E+00	0.00E+00	5.22E+01	-1.04E-04	5.22E+01	5.60E+01	3.81E+00	0.00E+00	0.00E+00	0.00E+00	7.50E+02
VZ60MME	-9.20E-03	-3.54E-01	-1.76E-02	-5.21E-01	0.00E+00	0.00E+00	-8.88E-01	-9.01E-04	4.34E-04	-2.70E-03	0.00E+00	-1.77E-04	-2.76E-09	-6.45E-08	-2.18E-02	-1.97E+01	0.00E+00	0.00E+00	-1.67E+00	-7.67E-02	-3.24E+00	0.00E+00	1.60E-08	-2.88E-08	-3.67E-03	-5.33E-05	-2.67E+00	0.00E+00	-3.24E+00	-3.95E-05	-3.24E+00	-5.28E+00	-2.67E+00	0.00E+00	0.00E+00	0.00E+00	-1.17E+02
VZ60MMK	-9.01E-03	-3.53E-01	-1.76E-02	-5.15E-01	0.00E+00	0.00E+00	-8.88E-01	-8.99E-04	4.44E-04	-2.63E-03	0.00E+00	-1.78E-04	-2.95E-09	-6.45E-08	-2.18E-02	-1.97E+01	0.00E+00	0.00E+00	-1.74E+00	-7.69E-02	-3.24E+00	0.00E+00	1.69E-08	-2.86E-08	-3.66E-03	-5.37E-05	-2.66E+00	0.00E+00	-3.24E+00	-3.95E-05	-3.24E+00	-5.28E+00	-2.66E+00	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
VZ60NAV	-2.09E-02	-2.31E-01	-1.16E-02	1.30E-02	0.00E+00	0.00E+00	2.20E+01	-3.58E-03	4.34E-04	-9.50E-03	0.00E+00	-1.30E-04	-5.73E-09	-3.32E-07	3.80E-02	-1.52E+01	0.00E+00	0.00E+00	3.76E+00	-6.76E-02	-2.53E+00	0.00E+00	2.43E-07	-2.32E-08	-3.24E-03	-6.18E-05	-2.86E+00	0.00E+00	-2.53E+00	-9.23E-05	-2.53E+00	-2.89E+00	-2.86E+00	0.00E+00	0.00E+00	0.00E+00	6.67E+00
VZ60NUH	-2.56E-02	-5.95E-01	-1.14E-02	2.41E-01	0.00E+00	0.00E+00	1.78E+01	-3.87E-03	1.12E-03	-8.23E-03	0.00E+00	-1.95E-04	-2.60E-08	-4.20E-07	1.27E-01	-1.14E+01	0.00E+00	0.00E+00	-6.69E-02	-7.28E-02	-1.93E+01	0.00E+00	2.23E-07	-1.52E-08	-6.88E-03	-1.01E-04	-2.16E-01	0.00E+00	-1.93E+01	-1.08E-04	-1.93E+01	-2.35E+01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+02
VZ610N	-1.53E-04	7.24E-02	-5.70E-02	-1.54E-01	0.00E+00	0.00E+00	-5.10E-01	-1.14E-04	1.35E-04	2.20E-04	0.00E+00	-4.05E-04	-1.68E-10	-5.58E-09	-3.71E-02	-4.43E+00	0.00E+00	0.00E+00	1.51E-01	-2.04E-01	-8.35E+00	0.00E+00	2.05E-08	-5.53E-09	-1.09E-04	-1.76E-04	-1.37E+00	0.00E+00	-8.35E+00	-4.82E-06	-8.35E+00	-8.59E+00	-1.37E+00	0.00E+00	0.00E+00	0.00E+00	-9.36E+00
VZ621N	9.91E-04	-7.61E-02	-4.94E-04	-5.71E-02	0.00E+00	0.00E+00	-4.73E-01	-9.39E-06	8.51E-05	-2.53E-05	0.00E+00	-6.09E-06	4.15E-11	-3.25E-09	-1.26E-02	-2.13E+00	0.00E+00	0.00E+00	1.67E-01	-1.32E-02	-1.30E+00	0.00E+00	1.08E-08	-6.53E-09	-1.11E-04	-3.33E-06	-5.26E-01	0.00E+00	-1.30E+00	-3.33E-07	-1.30E+00	-2.51E+00	-5.26E-01	0.00E+00	0.00E+00	0.00E+00	-7.79E+00
VZ624N	1.05E-03	-6.76E-02	5.68E-04	-5.29E-02	0.00E+00	0.00E+00	-2.90E-01	-9.75E-06	7.96E-05	4.22E-04	0.00E+00	-8.29E-06	4.02E-11	-5.56E-09	-7.91E-03	-6.62E+00	0.00E+00	0.00E+00	8.55E-02	-1.50E-02	-8.89E-01	0.00E+00	2.23E-08	-7.87E-09	-7.21E-05	-4.60E-06	-1.47E+00	0.00E+00	-8.89E-01	3.62E-07	-8.89E-01	-2.98E+00	-1.47E+00	0.00E+00	0.00E+00	0.00E+00	-8.54E+00
VZ625N	2.16E-03	1.88E-02	7.26E-04	-1.01E-02	0.00E+00	0.00E+00	-2.01E-01	-4.97E-06	9.11E-05	2.49E-03	0.00E+00	-7.95E-06	1.25E-10	-5.45E-09	-5.73E-03	-7.31E+00	0.00E+00	0.00E+00	4.83E-01	-1.56E-02	5.67E-01	0.00E+00	3.62E-08	-6.45E-09	6.90E-05	-4.10E-06	-1.22E+00	0.00E+00	5.67E-01	1.18E-06	5.67E-01	4.45E-02	-1.22E+00	0.00E+00	0.00E+00	0.00E+00	-1.20E+00
VZ626N	2.83E-03	3.05E-01	6.56E-04	-6.92E-02	0.00E+00	0.00E+00	-1.19E-01	-3.21E-06	1.21E-04	3.73E-03	0.00E+00	-5.42E-06	6.20E-11	-5.75E-09	-4.90E-03	-3.86E+01	0.00E+00	0.00E+00	9.71E-01	-1.41E-02	1.32E+00	0.00E+00	3.64E-08	-1.22E-09	3.24E-04	-3.66E-06	-4.04E+00	0.00E+00	1.32E+00	1.64E-06	1.32E+00	-9.96E-01	-4.04E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+01
VZ627N	9.46E-04	-8.07E-02	7.15E-04	-6.79E-02	0.00E+00	0.00E+00	-3.41E-01	-9.11E-06	7.84E-05	4.27E-04	0.00E+00	-6.12E-06	2.98E-11	-3.44E-09	-7.97E-03	-6.45E+00	0.00E+00	0.00E+00	5.55E-02	-1.41E-02	-7.37E-01	0.00E+00	1.71E-08	-6.93E-09	-1.42E-04	-3.54E-06	-1.48E+00	0.00E+00	-7.37E-01	3.41E-07	-7.37E-01	-2.48E+00	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	-8.66E+00
VZ628N	2.18E-03	2.04E-02	7.26E-04	-7.13E-03	0.00E+00	0.00E+00	-2.01E-01	-4.73E-06	8.99E-05	2.74E-03	0.00E+00	-7.95E-06	7.15E-11	-5.45E-09	-5.70E-03	-7.72E+00	0.00E+00	0.00E+00	4.71E-01	-1.56E-02	6.94E-01	0.00E+00	3.60E-08	-6.65E-09	7.85E-05	-4.19E-06	-1.50E+00	0.00E+00	6.94E-01	1.18E-06	6.94E-01	-8.59E-04	-1.50E+00	0.00E+00	0.00E+00	0.00E+00	-1.20E+00
VZ629N	3.51E-03	2.37E-01	1.32E-03	-6.39E-02	0.00E+00	0.00E+00	-9.52E-02	-3.33E-06	1.44E-04	4.75E-03	0.00E+00	-5.32E-06	2.43E-11	-5.69E-09	-4.48E-03	-8.12E+01	0.00E+00	0.00E+00	8.38E-01	-1.54E-02	1.26E+00	0.00E+00	6.18E-08	-2.56E-09	3.18E-04	-3.58E-06	-6.60E+00	0.00E+00	1.26E+00	1.98E-06	1.26E+00	-1.65E+00	-6.60E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+01
VZ630N	3.08E-03	-1.12E-01	1.14E-03	-1.07E-01	0.00E+00	0.00E+00	-1.21E-01	-4.82E-06	1.49E-04	3.51E-03	0.00E+00	-5.23E-06	-1.23E-10	-5.75E-09	-1.55E-02	-1.35E+02	0.00E+00	0.00E+00	8.07E-01	-1.50E-02	1.37E+00	0.00E+00	4.11E-08	-4.09E-09	5.08E-04	-3.58E-06	-1.43E+01	0.00E+00	1.37E+00	2.03E-06	1.37E+00	-3.83E+00	-1.43E+01	0.00E+00	0.00E+00	0.00E+00	1.23E+01
VZ631N	1.01E-03	-6.36E-02	6.11E-04	-4.61E-02	0.00E+00	0.00E+00	-2.90E-01	-9.14E-06	8.41E-05	4.56E-04	0.00E+00	-8.29E-06	4.98E-11	-5.56E-09	-6.68E-03	-6.57E+00	0.00E+00	0.00E+00	1.08E-01	-1.53E-02	-8.89E-01	0.00E+00	2.74E-08	-7.87E-09	-7.56E-05	-4.51E-06	-1.40E+00	0.00E+00	-8.89E-01	3.98E-07	-8.89E-01	-2.78E+00	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	-8.54E+00
VZ643N	-1.40E-04	-7.20E-02	-7.65E-03	-1.44E-02	0.00E+00	0.00E+00	-5.43E-01	-9.96E-05	7.08E-05	3.19E-04	0.00E+00	-5.73E-05	-1.49E-10	-4.01E-09	-1.23E-02	-2.80E+00	0.00E+00	0.00E+00	1.15E-01	-3.39E-02	-2.44E+00	0.00E+00	1.46E-08	-7.08E-09	-1.19E-04	-2.25E-05	-4.74E-01	0.00E+00	-2.44E+00	-2.14E-06	-2.44E+00	-3.25E+00	-4.74E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
VZ644N	5.73E-05	-1.64E-02	-8.03E-03	-1.23E-02	0.00E+00	0.00E+00	-5.43E-01	-9.58E-05	8.90E-05	6.16E-04	0.00E+00	-5.95E-05	-1.56E-10	-3.60E-09	-1.19E-02	-2.76E+00	0.00E+00	0.00E+00	1.15E-01	-3.66E-02	-2.34E+00	0.00E+00	1.77E-08	-7.16E-09	-9.43E-05	-2.23E-05	-4.84E-01	0.00E+00	-2.34E+00	-2.09E-06	-2.34E+00	-2.96E+00	-4.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+01
VZ647N	-4.68E-05	-1.64E-02	-8.57E-03	-1.50E-02	0.00E+00	0.00E+00	-5.43E-01	-9.16E-05	8.90E-05	6.33E-04	0.00E+00	-6.96E-05	-1.75E-10	-3.60E-09	-1.22E-02	-2.99E+00	0.00E+00	0.00E+00	1.15E-01	-3.78E-02	-2.37E+00	0.00E+00	1.77E-08	-7.16E-09	-9.43E-05	-2.34E-05	-4.97E-01	0.00E+00	-2.37E+00	-1.58E-06	-2.37E+00	-3.04E+00	-4.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+01
VZ648N	-4.56E-05	1.87E-03	-1.09E-02	1.21E-02	0.00E+00	0.00E+00	-5.37E-01	-8.92E-05	1.01E-04	6.11E-04	0.00E+00	-8.12E-05	-2.57E-10	-3.59E-09	-1.23E-02	-4.30E+00	0.00E+00	0.00E+00	1.19E-01	-5.31E-02	-2.46E+00	0.00E+00	1.91E-08	-7.28E-09	-1.10E-04	-3.62E-05	-5.27E-01	0.00E+00	-2.46E+00	-2.17E-06	-2.46E+00	-3.21E+00	-5.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+01
VZ650N	7.23E-04	4.00E-02	-5.90E-02	-1.44E-01	0.00E+00	0.00E+00	-5.54E-01	-8.44E-05	1.73E-04	1.42E-03	0.00E+00	-4.31E-04	-3.05E-10	-8.03E-09	-5.95E-02	-8.89E+00	0.00E+00	0.00E+00	1.91E-01	-2.17E-01	-9.86E+00	0.00E+00	3.56E-08	-5.57E-09	-1.05E-04	-2.05E-04	-1.80E+00	0.00E+00	-9.86E+00	-4.12E-06	-9.86E+00	-1.16E+01	-1.80E+00	0.00E+00	0.00E+00	0.00E+00	-9.24E+00
VZ651N	2.70E-04	-1.07E-02	-8.60E-03	8.02E-03	0.00E+00	0.00E+00	-5.43E-01	-7.59E-05	9.20E-05	8.03E-04	0.00E+00	-7.09E-05	-1.63E-10	-3.52E-09	-1.22E-02	-3.05E+00	0.00E+00	0.00E+00	1.15E-01	-4.15E-02	-2.44E+00	0.00E+00	1.92E-08	-7.16E-09	-8.47E-05	-2.45E-05	-3.89E-01	0.00E+00	-2.44E+00	-1.61E-06	-2.44E+00	-2.76E+00	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+01
VZ665N	1.85E-04	-2.11E-02	-1.05E-02	-6.38E-02	0.00E+00	0.00E+00	-5.46E-01	-5.92E-05	1.44E-04	2.48E-04	0.00E+00	-7.20E-05	-1.58E-10	-3.97E-09	-1.62E-02	-3.52E+00	0.00E+00	0.00E+00	3.57E-02	-5.26E-02	-2.44E+00	0.00E+00	1.77E-08	-7.08E-09	-9.37E-05	-2.87E-05	-7.80E-01	0.00E+00	-2.44E+00	-1.50E-06	-2.44E+00	-3.13E+00	-7.80E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+01
VZ683N	3.09E-04	-7.00E-02	-3.55E-03	-7.12E-02	0.00E+00	0.00E+00	-3.39E-01	-6.30E-05	8.62E-05	-2.43E-06	0.00E+00	-2.22E-05	-2.22E-10	-3.75E-09	-1.46E-02	-1.80E+00	0.00E+00	0.00E+00	8.32E-02	-3.24E-02	-2.81E+00	0.00E+00	9.69E-09	-7.42E-09	-1.40E-04	-3.23E-05	-4.27E-01	0.00E+00	-2.81E+00	-1.97E-06	-2.81E+00	-3.11E+00	-4.27E-01	0.00E+00	0.00E+00	0.00E+00	-9.78E+00
VZ685N	-4.15E-04	-1.34E-01	-3.53E-05	-4.89E-02	0.00E+00	0.00E+00	-3.85E-01	-9.11E-05	8.89E-05	4.48E-04	0.00E+00	-1.36E-05	-2.14E-09	-2.24E-08	-8.23E-03	-6.78E+00	0.00E+00	0.00E+00	1.10E-01	-1.56E-02	-1.83E+00	0.00E+00	1.51E-08	-7.58E-09	-1.68E-04	-1.19E-05	-9.50E-01	0.00E+00	-1.83E+00	-3.40E-06	-1.83E+00	-3.73E+00	-9.50E-01	0.00E+00	0.00E+00	0.00E+00	-1.58E+01
VZ690N	2.23E-05	3.19E-01	-9.55E-04	4.56E-01	0.00E+00	0.00E+00	-1.83E-01	-1.06E-04	1.13E-04	3.85E-03	0.00E+00	-1.05E-05	-2.27E-09	-2.36E-08	-4.90E-02	-6.93E+00	0.00E+00	0.00E+00	1.45E-01	-1.83E-02	-1.95E+00	0.00E+00	3.47E-08	-1.82E-09	2.35E-04	-1.14E-05	-1.27E+00	0.00E+00	-1.95E+00	-2.91E-06	-1.95E+00	-2.21E+00	-1.27E+00	0.00E+00	0.00E+00	0.00E+00	-3.87E+00

VZ691N	-1.37E-04	-7.42E-02	-4.13E-03	-6.36E-02	0.00E+00	0.00E+00	-3.39E-01	-1.18E-04	1.35E-04	-8.89E-05	0.00E+00	-2.38E-05	-5.06E-10	-1.20E-08	-3.69E-02	-1.99E+00	0.00E+00	0.00E+00	7.97E-02	-3.20E-02	-2.78E+00	0.00E+00	9.37E-09	-7.66E-09	-2.46E-04	-3.19E-05	-5.44E-01	0.00E+00	-2.78E+00	-5.45E-06	-2.78E+00	-3.11E+00	-5.44E-01	0.00E+00	0.00E+00	0.00E+00	-9.79E+00
VZ696N	-1.93E-04	-6.05E-02	-3.21E-04	-6.02E-02	0.00E+00	0.00E+00	-7.97E-02	-6.48E-06	-2.61E-05	-3.17E-04	0.00E+00	0.00E+00	-1.85E-10	-7.10E-10	-5.39E-04	-2.75E+00	0.00E+00	0.00E+00	-1.47E-01	0.00E+00	-2.74E-01	0.00E+00	-1.43E-09	-3.12E-09	-1.25E-04	0.00E+00	-4.12E-01	0.00E+00	-2.74E-01	-3.43E-07	-2.74E-01	-6.86E-01	-4.12E-01	0.00E+00	0.00E+00	0.00E+00	-5.97E+00
VZ704N	-1.14E-03	-2.62E-01	-7.55E-03	-2.90E-01	0.00E+00	0.00E+00	-1.53E-01	-3.04E-05	1.11E-04	-5.13E-04	0.00E+00	-1.05E-04	-9.45E-11	-6.58E-09	-7.21E-02	-3.18E+00	0.00E+00	0.00E+00	2.70E-01	-3.93E-02	-1.44E+01	0.00E+00	9.33E-09	-7.20E-09	-4.30E-04	-1.38E-05	-4.62E-01	0.00E+00	-1.44E+01	-1.50E-06	-1.44E+01	-1.26E+01	-4.62E-01	0.00E+00	0.00E+00	0.00E+00	-6.32E+00
VZ710	-6.96E-03	-3.13E-01	-9.94E-03	-2.43E-01	0.00E+00	0.00E+00	-1.39E+00	-2.36E-03	5.64E-04	-4.81E-03	0.00E+00	-1.51E-04	-3.96E-09	-7.73E-08	-2.29E-02	-7.26E+00	0.00E+00	0.00E+00	-1.90E+00	-7.07E-02	-6.78E+00	0.00E+00	1.13E-08	-3.21E-08	-2.04E-03	-5.40E-05	-2.57E+00	0.00E+00	-6.78E+00	-5.22E-05	-6.78E+00	-8.35E+00	-2.57E+00	0.00E+00	0.00E+00	0.00E+00	-7.15E+01
VZ717	-4.09E-03	-1.79E-01	-8.22E-03	-5.40E-02	0.00E+00	0.00E+00	1.84E+01	-2.84E-04	4.91E-04	-7.24E-03	0.00E+00	-1.30E-04	-4.23E-09	-2.95E-08	4.74E-02	-1.35E+01	0.00E+00	0.00E+00	4.38E+00	-4.12E-02	-2.12E+00	0.00E+00	2.17E-07	-1.73E-08	-2.30E-03	-4.96E-05	-2.32E+00	0.00E+00	-2.12E+00	-2.13E-05	-2.12E+00	3.35E-02	-2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.62E+01
VZ722	-2.35E-04	-9.47E-02	-9.05E-03	-7.46E-02	0.00E+00	0.00E+00	-9.30E-02	-3.25E-05	6.36E-05	-1.86E-04	0.00E+00	-4.92E-05	-7.04E-10	-6.35E-09	-1.64E-02	-2.83E+00	0.00E+00	0.00E+00	1.04E-02	-1.81E-02	-2.78E+00	0.00E+00	8.91E-09	-7.56E-09	-1.62E-04	-1.05E-05	-5.34E-01	0.00E+00	-2.78E+00	-2.47E-06	-2.78E+00	-3.17E+00	-5.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+01
VZ723	-3.00E-03	-1.13E-01	-1.68E-02	-9.59E-02	0.00E+00	0.00E+00	-9.60E-02	-2.57E-04	6.33E-05	-2.89E-04	0.00E+00	-9.52E-05	-8.09E-10	-2.85E-08	-1.92E-02	-7.06E+00	0.00E+00	0.00E+00	7.69E-03	-5.31E-02	-3.57E+00	0.00E+00	8.91E-09	-7.80E-09	-2.12E-04	-2.49E-05	-6.42E-01	0.00E+00	-3.57E+00	-7.08E-06	-3.57E+00	-3.76E+00	-6.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+01
VZ724	-4.72E-03	-1.01E-01	-2.42E-02	-1.15E-01	0.00E+00	0.00E+00	-9.44E-02	-3.69E-04	1.68E-04	-2.71E-04	0.00E+00	-1.19E-04	-8.71E-10	-3.88E-08	-2.22E-02	-8.88E+00	0.00E+00	0.00E+00	1.66E-02	-6.79E-02	-4.05E+00	0.00E+00	8.99E-09	-9.01E-09	-3.44E-04	-5.51E-05	-6.97E-01	0.00E+00	-4.05E+00	-8.19E-06	-4.05E+00	-4.29E+00	-6.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.44E+01
VZ728	-4.32E-03	1.68E-01	-1.77E-02	7.23E-01	0.00E+00	0.00E+00	6.23E+00	-6.37E-04	3.65E-04	1.49E-04	0.00E+00	-1.62E-04	-5.13E-10	-7.45E-08	3.74E-02	-8.16E+00	0.00E+00	0.00E+00	4.30E+00	-6.46E-02	1.07E+01	0.00E+00	5.45E-08	-1.13E-10	3.12E-03	-5.80E-05	-1.34E+00	0.00E+00	1.07E+01	-1.14E-05	1.07E+01	1.04E+01	-1.34E+00	0.00E+00	0.00E+00	0.00E+00	8.69E+01
VZ730	-5.54E-03	-3.55E-02	-2.51E-02	3.96E-02	0.00E+00	0.00E+00	-9.38E-02	-5.69E-04	2.30E-04	-4.54E-04	0.00E+00	-1.40E-04	-8.75E-10	-6.29E-08	-2.50E-02	-1.02E+01	0.00E+00	0.00E+00	-1.96E-02	-7.12E-02	-4.15E+00	0.00E+00	9.87E-09	-8.52E-09	5.92E-04	-6.56E-05	-8.29E-01	0.00E+00	-4.15E+00	-8.89E-06	-4.15E+00	-5.58E+00	-8.29E-01	0.00E+00	0.00E+00	0.00E+00	-2.02E+01
VZ744	7.93E-05	-3.47E-01	-4.74E-03	-8.95E-02	0.00E+00	0.00E+00	-4.37E+00	-2.09E-05	6.49E-05	-3.49E-04	0.00E+00	-5.99E-05	-1.96E-11	-1.02E-08	-2.04E-02	-3.13E+00	0.00E+00	0.00E+00	-2.25E-03	-3.61E-02	-4.14E+00	0.00E+00	1.10E-08	-6.77E-09	-1.67E-04	-3.60E-05	-9.70E-01	0.00E+00	-4.14E+00	-1.05E-06	-4.14E+00	-4.62E+00	-9.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
VZ758	9.01E-06	-1.01E-01	-5.03E-03	-4.75E-02	0.00E+00	0.00E+00	-5.36E-01	-2.80E-05	6.23E-05	-1.38E-04	0.00E+00	-1.72E-05	-1.89E-10	-1.01E-08	-1.42E-02	-1.66E+00	0.00E+00	0.00E+00	6.50E-02	-1.11E-02	-2.43E+00	0.00E+00	8.66E-09	-7.08E-09	-1.48E-04	-8.90E-06	-3.37E-01	0.00E+00	-2.43E+00	-1.95E-06	-2.43E+00	-3.12E+00	-3.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+01
VZ761	-1.93E-02	-1.38E-01	-1.30E-02	-1.09E-01	0.00E+00	0.00E+00	-2.45E+00	-2.43E-03	-2.23E-04	-3.27E-03	0.00E+00	-1.02E-04	-4.26E-09	-3.17E-07	-1.98E-02	-8.28E+00	0.00E+00	0.00E+00	-2.07E+00	-4.71E-02	-2.99E+00	0.00E+00	1.26E-08	-4.40E-08	-2.73E-03	-3.61E-05	-1.54E+00	0.00E+00	-2.99E+00	-6.46E-05	-2.99E+00	-5.47E+00	-1.54E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
VZ786N	-1.96E-05	-2.27E-02	-5.83E-05	-2.26E-02	0.00E+00	0.00E+00	-1.02E-02	-8.61E-08	-4.92E-06	-6.20E-05	0.00E+00	0.00E+00	-5.45E-12	-5.07E-11	-1.43E-04	-1.53E+00	0.00E+00	0.00E+00	-1.28E-02	0.00E+00	-4.13E-02	0.00E+00	-3.10E-10	-8.36E-10	-1.59E-05	0.00E+00	-2.23E-01	0.00E+00	-4.13E-02	-3.17E-10	-4.13E-02	-2.64E-01	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-4.41E-01
VZ790N	-6.45E-04	-1.23E-01	-4.63E-03	-2.13E-02	0.00E+00	0.00E+00	-1.89E-02	-3.51E-05	6.25E-05	-2.55E-04	0.00E+00	-2.08E-05	-6.22E-10	-2.54E-08	-1.19E-02	-1.82E+00	0.00E+00	0.00E+00	7.82E-02	-2.40E-02	-2.88E+00	0.00E+00	1.27E-08	-8.11E-09	-1.85E-04	-2.38E-05	-4.03E-01	0.00E+00	-2.88E+00	-2.13E-06	-2.88E+00	-4.71E+00	-4.03E-01	0.00E+00	0.00E+00	0.00E+00	-4.36E+00
VZ793N	-4.44E-04	-9.46E-02	-5.33E-03	-6.08E-02	0.00E+00	0.00E+00	-7.85E-02	-6.63E-05	1.19E-04	-1.07E-04	0.00E+00	-4.00E-05	-3.18E-10	-1.33E-08	-3.61E-02	-1.74E+00	0.00E+00	0.00E+00	6.60E-02	-1.51E-02	-2.40E+00	0.00E+00	9.11E-09	-7.20E-09	-2.48E-04	-8.73E-06	-3.56E-01	0.00E+00	-2.40E+00	-5.32E-06	-2.40E+00	-3.13E+00	-3.56E-01	0.00E+00	0.00E+00	0.00E+00	-9.73E+00
VZ797N	-4.51E-03	-2.64E-01	-2.53E-02	-3.36E-01	0.00E+00	0.00E+00	-4.76E-01	-3.27E-04	1.79E-04	-4.36E-04	0.00E+00	-1.94E-04	-1.49E-10	-3.64E-08	-7.97E-02	-1.02E+01	0.00E+00	0.00E+00	2.26E-01	-8.80E-02	-1.58E+01	0.00E+00	1.00E-08	-9.02E-09	-6.15E-04	-6.06E-05	-9.07E-01	0.00E+00	-1.58E+01	-6.44E-06	-1.58E+01	-1.38E+01	-9.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
VZ816	-4.83E-04	-2.47E-01	-6.11E-03	-8.60E-02	0.00E+00	0.00E+00	-1.58E-01	-2.15E-04	8.75E-05	-5.49E-04	0.00E+00	-5.94E-05	-5.83E-11	-2.66E-08	-1.37E-02	-1.11E+00	0.00E+00	0.00E+00	-2.45E-02	-1.61E-02	-4.84E+00	0.00E+00	8.99E-09	-7.58E-09	-1.58E-04	-1.45E-05	-1.37E-01	0.00E+00	-4.84E+00	-1.03E-05	-4.84E+00	-4.92E+00	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+01
VZ842N	-1.24E-05	-4.62E-03	-3.46E-04	-4.27E-03	0.00E+00	0.00E+00	-8.19E-03	-2.66E-08	-1.74E-06	-2.04E-05	0.00E+00	-1.19E-06	-7.47E-13	-1.36E-11	-5.66E-04	-1.26E-01	0.00E+00	0.00E+00	-6.42E-03	-5.49E-04	-8.48E-02	0.00E+00	-1.44E-10	-1.27E-10	-6.28E-06	-4.52E-07	-2.02E-02	0.00E+00	-8.48E-02	-4.15E-10	-8.48E-02	-1.05E-01	-2.02E-02	0.00E+00	0.00E+00	0.00E+00	-1.42E-01
VZ851N	1.32E-04	-9.95E-02	-4.70E-03	-6.71E-02	0.00E+00	0.00E+00	-8.55E-02	-1.39E-05	7.01E-05	-1.03E-04	0.00E+00	-2.19E-05	-2.27E-11	-5.39E-09	-1.42E-02	-1.25E+00	0.00E+00	0.00E+00	5.75E-02	-1.18E-02	-2.48E+00	0.00E+00	9.40E-09	-6.95E-09	-1.45E-04	-9.57E-06	-2.38E-01	0.00E+00	-2.48E+00	-1.42E-06	-2.48E+00	-3.11E+00	-2.38E-01	0.00E+00	0.00E+00	0.00E+00	-9.87E+00
VZ852N	-1.22E-06	-9.61E-02	-6.01E-03	-7.21E-02	0.00E+00	0.00E+00	-5.46E-01	-3.17E-05	6.05E-05	-6.68E-05	0.00E+00	-3.32E-05	-2.20E-10	-5.83E-09	-1.50E-02	-1.71E+00	0.00E+00	0.00E+00	6.69E-02	-2.27E-02	-2.40E+00	0.00E+00	8.60E-09	-7.82E-09	-1.62E-04	-1.14E-05	-3.14E-01	0.00E+00	-2.40E+00	-3.53E-06	-2.40E+00	-3.35E+00	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
VZ855N	1.05E-03	3.07E-02	-7.69E-03	1.40E-01	0.00E+00	0.00E+00	-5.36E-01	-9.28E-05	9.19E-05	1.73E-03	0.00E+00	-6.01E-05	-1.35E-10	-3.76E-09	-1.35E-02	-2.37E+00	0.00E+00	0.00E+00	8.98E-02	-3.10E-02	-2.13E+00	0.00E+00	2.62E-08	-4.65E-09	1.86E-04	-1.59E-05	-4.19E-01	0.00E+00	-2.13E+00	-1.83E-06	-2.13E+00	-2.57E+00	-4.19E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
VZ857N	4.13E-04	1.09E-01	-5.28E-02	5.46E-02	0.00E+00	0.00E+00	-5.10E-01	-1.22E-04	1.54E-04	1.71E-03	0.00E+00	-3.86E-04	-2.31E-10	-5.38E-09	-3.65E-02	-4.69E+00	0.00E+00	0.00E+00	1.55E-01	-2.01E-01	-7.69E+00	0.00E+00	3.23E-08	-3.32E-09	1.45E-04	-1.72E-04	-1.37E+00	0.00E+00	-7.69E+00	-4.54E-06	-7.69E+00	-8.06E+00	-1.37E+00	0.00E+00	0.00E+00	0.00E+00	-9.36E+00
VZ858N	2.34E-03	3.61E-02	9.29E-04	1.71E-01	0.00E+00	0.00E+00	-2.01E-01	6.34E-07	9.57E-05	3.26E-03	0.00E+00	-5.52E-06	7.62E-11	-5.26E-09	-4.84E-03	-7.46E+00	0.00E+00	0.00E+00	4.67E-01	-1.13E-02	8.50E-01	0.00E+00	3.68E-08	-4.73E-09	3.41E-04	-3.18E-06	-1.47E+00	0.00E+00	8.50E-01	1.20E-06	8.50E-01	2.93E-01	-1.47E+00	0.00E+00	0.00E+00	0.00E+00	-1.35E+00
VZ860N	2.51E-04	-1.30E-01	-4.94E-03	-5.61E-02	0.00E+00	0.00E+00	-2.09E-01	-8.41E-06	6.95E-05	-2.07E-04	0.00E+00	-3.63E-05	2.07E-11	-4.31E-09	-1.42E-02	-1.97E+00	0.00E+00	0.00E+00	3.94E-02	-2.45E-02	-2.69E+00	0.00E+00	9.41E-09	-7.54E-09	-1.41E-04	-1.24E-05	-4.61E-01	0.00E+00	-2.69E+00	-1.09E-06	-2.69E+00	-3.68E+00	-4.61E-01	0.00E+00	0.00E+00	0.00E+00	-9.72E+00
VZ861N	-6.28E-04	-2.03E-01	-1.69E-02	-1.86E-01	0.00E+00	0.00E+00	-4.92E-01	-3.88E-06	-9.01E-05	-1.01E-03	0.00E+00	-7.77E-05	-1.23E-10	-9.28E-10	-2.88E-02	-3.26E+00	0.00E+00	0.00E+00	-1.19E-01	-3.59E-02	-4.37E+00	0.00E+00	-2.11E-09	-5.10E-09	-3.55E-04	-2.96E-05	-5.14E-01	0.00E+00	-4.37E+00	-2.09E-07	-4.37E+00	-4.88E+00	-5.14E-01	0.00E+00	0.00E+00	0.00E+00	-7.22E+00
VZ909N	3.95E-05	-9.41E-02	-2.87E-03	-7.17E-02	0.00E+00	0.00E+00	-5.43E-01	-2.35E-07	5.48E-05	-2.43E-04	0.00E+00	-3.55E-06	-8.19E-12	-3.02E-09	-1.35E-02	-4.76E+00	0.00E+00	0.00E+00	-2.25E-03	-3.53E-03	-2.30E+00	0.00E+00	9.01E-09	-7.15E-09	-1.58E-04	-3.66E-06	-6.87E-01	0.00E+00	-2.30E+00	-1.04E-07	-2.30E+00	-3.05E+00	-6.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+01
VZ910N	-5.83E-05	-6.76E-02	-1.66E-04	-6.75E-02	0.00E+00	0.00E+00	-3.04E-02	-2.55E-07	-1.47E-05	-1.85E-04	0.00E+00	0.00E+00	-1.62E-11	-1.51E-10	-4.15E-04	-4.56E+00	0.00E+00	0.00E+00	-3.76E-02	0.00E+00	-1.22E-01	0.00E+00	-9.43E-10	-2.50E-09	-4.73E-05	0.00E+00	-6.66E-01	0.00E+00	-1.22E-01	-9.29E-10	-1.22E-01	-7.88E-01	-6.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+00
VZ912N	-7.27E-05	-8.43E-02	-2.07E-04	-8.41E-02	0.00E+00	0.00E+00	-3.78E-02	-3.18E-07	-1.83E-05	-2.30E-04	0.00E+00	0.00E+00	-2.02E-11	-1.88E-10	-5.17E-04	-5.68E+00	0.00E+00	0.00E+00	-4.69E-02	0.00E+00	-1.52E-01	0.00E+00	-1.18E-09	-3.11E-09	-5.89E-05	0.00E+00	-8.30E-01	0.00E+00	-1.52E-01	-1.16E-09	-1.52E-01	-9.82E-01	-8.30E-01	0.00E+00	0.00E+00	0.00E+00	-1.64E+00
VZ914N	3.85E-04	6.97E-02	1.23E-03	6.84E-02	0.00E+00	0.00E+00	2.04E-01	8.84E-07	6.70E-05	7.60E-04	0.00E+00	1.85E-20	2.66E-11	4.76E-10	3.42E-03	1.24E-01	0.00E+00	0.00E+00	3.01E-01	7.08E-20	1.09E+00	0.00E+00	8.61E-09	4.19E-09	2.36E-04	0.00E+00	5.55E-02	0.00E+00	1.09E+00	5.53E-07	1.09E+00	1.14E+00	5.55E-02	0.00E+00	0.00E+00	0.00E+00	1.10E+01
VZ916N	-8.45E-05	-9.80E-02	-2.41E-04	-9.77E-02	0.00E+00	0.00E+00	-4.40E-02	-3.70E-07	-2.13E-05	-2.68E-04	0.00E+00	0.00E+00	-2.35E-11	-2.19E-10	-6.01E-04	-6.60E+00	0.00E+00	0.00E+00	-5.45E-02	0.00E+00	-1.76E-01	0.00E+00	-1.37E-09	-3.61E-09	-6.85E-05	0.00E+00	-9.65E-01	0.00E+00	-1.76E-01	-1.35E-09	-1.76E-01	-1.14E+00	-9.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.90E+00
VZ917N	6.13E-04	-1.01E-01	-1.31E-03	-6.52E-02	0.00E+00	0.00E+00	-4.96E-01	1.18E-07	5.46E-05	-2.66E-04	0.00E+00	-7.50E-06	2.08E-12	-3.08E-09	-1.27E-02	-2.03E+00	0.00E+00	0.00E+00	1.76E-02	-5.90E-03	-1.95E+00	0.00E+00	9.09E-09	-7.06E-09	-1.34E-04	-2.96E-06	-8.94E-01	0.00E+00	-1.95E+00	-7.75E-08	-1.95E+00	-2.90E+00	-8.94E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
VZ918N	-1.19E-04	-1.38E-01	-3.39E-04	-1.38E-01	0.00E+00	0.00E+00	-6.21E-02	-5.22E-07	-3.00E-05	-3.78E-04	0.00E+00	0.00E+00	-3.32E-11	-3.09E-10	-8.48E-04	-9.31E+00	0.00E+00	0.00E+00	-7.69E-02	0.00E+00	-2.49E-01	0.00E+00	-1.93E-09	-5.10E-09	-9.66E-05	0.00E+00	-1.36E+00	0.00E+00	-2.49E-01	-1.90E-09	-2.49E-01	-1.61E+00	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	-2.68E+00
VZ920N	7.49E-04	1.36E-01	2.40E-03	1.33E-01	0.00E+00	0.00E+00	3.96E-01	1.72E-06	1.30E-04	1.48E-03	0.00E+00	3.60E-20	5.18E-11	9.26E-10	6.65E-03	2.42E-01	0.00E+00	0.00E+00	5.85E-01	1.38E-19	2.12E+00	0.00E+00	1.67E-08	8.14E-09	4.60E-04	0.00E+00	1.08E-01	0.00E+00	2.12E+00	1.08E-06	2.12E+00	2.23E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.13E+01
VZ921N	4.06E-04	-1.05E-01	-7.28E-04	-6.72E-02	0.00E+00	0.00E+00	-3.54E-01	1.13E-06	4.76E-05	-2.62E-04	0.00E+00	-6.40E-06	9.90E-12	-3.08E-09	-1.29E-02	-5.10E+00	0.00E+00	0.00E+00	1.58E-02	-6.06E-03	-1.54E+00	0.00E+00	8.69E-09	-6.91E-09	-1.20E-04	-3.18E-06	-2.54E+00	0.00E+00	-1.54E+00	1.67E-07	-1.54E+00	-3.09E+00	-2.54E+00	0.00E+00	0.00E+00	0.00E+00	-1.15E+01
VZ922N	7.68E-04	1.70E-01	3.78E-03	1.66E-01	0.00E+00	0.00E+00	4.14E-01	9.82E-07	1.65E-04	1.89E-03	0.00E+00	6.81E-20	8.13E-11	1.01E-09	1.45E-02	2.98E-01	0.00E+00	0.00E+00	6.68E-01	2.60E-19	2.72E+00	0.00E+00	2.29E-08	8.33E-09	5.31E-04	0.00E+00	1.42E-01	0.00E+00	2.72E+00	8.37E-07	2.72E+00	2.86E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	1.64E+01
VZ923N	4.67E-04	-1.01E-01	-5.68E-04	-6.72E-02	0.00E+00	0.00E+00	-3.54E-01	-2.65E-05	4.88E-05	-2.59E-04	0.00E+00	-5.78E-06	-5.39E-11	-1.01E-08	-1.29E-02	-6.47E+00	0.00E+00	0.00E+00	1.58E-02	-6.05E-03	-1.54E+00	0.00E+00	8.76E-09	-7.07E-09	-1.18E-04	-3.18E-06	-2.61E+00	0.00E+00	-1.54E+00	-1.20E-06	-1.54E+00	-2.98E+00	-2.61E+00	0.00E+00	0.00E+00	0.00E+00	-1.17E+01
VZ924N	-7.01E-04	-3.35E-01	-2.97E-02	-3.06E-01	0.00E+00	0.00E+00	-8.18E-01	-7.35E-07	-1.42E-04	-1.58E-03	0.00E+00	-1.40E-04	-4.84E-11	-1.04E-09	-5.07E-02	-5.42E+00	0.00E+00	0.00E+00	-6.34E-02	-6.44E-02	-7.54E+00	0.00E+00	-2.28E-09	-7.25E-09	-5.35E-04	-5.31E-05	-8.41E-01	0.00E+00	-7.54E+00	-4.37E-08	-7.54E+00	-8.38E+00	-8.41E-01	0.00E+00	0.00E+00	0.00E+00	-7.54E+00
VZ926N	-8.61E-03	-4.68E-02	-1.30E-03	-4.55E-02	0.00E+00	0.00E+00	-1.36E+00	-5.47E-04	-2.49E-04	-3.19E-03	0.00E+00	0.00E+00	-6.90E-10	-6.45E-08	-1.33E-03	-6.02E-01	0.00E+00	0.00E+00	-1.06E+00	0.00E+00	-4.87E-01	0.00E+00	-2.61E-09	-1.06E-08	-9.04E-04	0.00E+00	-1.27E-01	0.00E+00	-4.87E-01	-1.98E-05	-4.87E-01	-6.14E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-4.53E+01
VZ932N	2.95E-04	-3.25E-01	-7.53E-03	-1.07E-01	0.00E+00	0.00E+00	-1.49E-01	-6.37E-05	1.57E-05	-2.39E-03	0.00E+00	-1.97E-05	-1.73E-09	-1.06E-08	-1.60E-02	-4.69E+00	0.00E+00	0.00E+00	1.56E-01	-1.18E-02	-3.48E+00	0.00E+00	9.23E-09	-2.57E-08	-1.34E-03	-9.13E-06	-7.26E-01	0.00E+00	-3.48E+00	-3.80E-06	-3.48E+00	-4.10E+00	-7.26E-01	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
VZ950	-1.21E-03	1.68E-01	-4.45E-03	2.29E-01	0.00E+00	0.00E+00	-1.61E-01	-1.33E-04	-4.13E-05	4.36E-04	0.00E+00	-2.40E-05	-1.63E-09	-1.37E-08	-1.59E-02	-2.87E+00	0.00E+00	0.00E+00	-2.78E-01	-8.72E-03	-2.98E+00	0.00E+00	-8.73E-10	-6.22E-08	1.76E-03	-9.97E-06	-2.86E-01	0.00E+00	-2.98E+00	-3.77E-06	-2.98E+00	-3.47E+00	-2.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+01
VZ951	1.63E-04	-9.01E-02	-4.63E-03	-5.99E-02	0.00E+00	0.00E+00	-1.05E-01	-8.37E-06	5.64E-05	-1.28E-05	0.00E+00	-2.74E-05	-2.41E-11	-5.04E-09	-1.43E-02	-7.03E-01	0.00E+00	0.00E+00	-1.88E-02	-1.46E-02	-2.42E+00	0.00E+00	8.87E-09	-7.33E-09	-1.53E-04	-1.11E-05	-1.72E-01	0.00E+00	-2.42E+00	-7.62E-07	-2.42E+00	-3.18E+00	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
FL204B	-1.00E-03	-3.06E-01	1.71E-03	-3.08E-01	0.00E+00	0.00E+00	2.11E-01	-1.16E-04	1.29E-04	-2.91E-03	0.00E+00	7.46E-20	-2.87E-09	-4.56E-09	1.71E-03	-2.98E+00	0.00E+00	0.00E+00	-8.75E-01	2.19E-19	-2.18E+00	0.00E+00	-5.14E-09	-2.53E-08	-1.52E-03	0.00E+00	-4.42E-01	0.00E+00	-2.18E+00	-5.91E-06	-2.18E+00	-2.62E+00	-4.42E-01	0.00E+00	0.00E+00	0.00E+00	-4.08E+01
FL209B	2.00E-03	3.28E-01	1.64E-02	3.12E-01	0.00E+00	0.00E+00	4.67E+00	9.19E-06	6.65E-04	3.30E-03	0.00E+00	1.83E-19	7.19E-10	1.40E-08	2.50E-02	-8.23E-01	0.00E+00	0.00E+00	3.19E+00	6.22E-19	5.16E+00	0.00E+00	3.90E-08	1.67E-08	9.36E-04	0.00E+00	2.96E-01	0.00E+00	5.16E+00	1.14E-06	5.16E+00	5.45E+00	2.96E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+02
FL213B	-8.38E-03	-5.43E-01	-8.04E-03	-5.35E-01	0.00E+00	0.00E+00	-2.31E+00	-7.01E-04	-6.79E-04	-8.32E-03	0.00E+00	4.35E-20	-6.63E-09	-8.04E-08	-4.49E-03	-1.27E+00	0.00E+00	0.00E+00	-6.21E+00	1.52E-19	-5.05E+00	0.00E+00	-1.73E-08	-5.34E-08	-3.34E-03	0.00E+00	-6.15E-01	0.00E+00	-5.05E+00	-3.11E-05	-5.05E+00	-5.66E+00	-6.15E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+02
FL216B	-3.95E-03	2.47E-01	1.57E-02	2.31E-01	0.00E+00	0.00E+00	3.35E+00	-5.39E-04	3.50E-05	-7.97E-05	0.00E+00	2.28E-19	5.33E-10	-5.43E-08	2.32E-02	-3.15E+00	0.00E+00	0.00E+00	3.05E+00	6.99E-19	4.74E+00	0.00E+00	3.48E-08	6.35E-09	-2.35E-05	0.00E+00	-1.21E-03	0.00E+00	4.74E+00	-1.82E-05	4.74E+00	4.74E+00	-1.21E-03	0.00E+00	0.00E+00	0.00E+00	1.09E+02
FL221B	-1.02E-02	-9.28E-01	-1.43E-02	-9.14E-01	0.00E+00	0.00E+00	-4.04E+00	-7.90E-04	-9.95E-04	-1.20E-02	0.00E+00	4.98E-21	-9.13E-09	-9.09E-08	-1.39E-02	-3.59E+00	0.00E+00	0.00E+00	-8.56E+00	1.90E-20	-9.04E+00	0.00E+00	-3.89E-08	-8.08E-08	-4.91E-03	0.00E+00	-1.16E+00	0.00E+00	-9.04E+00	-3.62E-05	-9.04E+00	-1.02E+01	-1.16E+00	0.00E+00	0.00E+00	0.00E+00	-3.62E+02
FL229B	-8.69E-03	-6.30E-01	-2.40E-03	-6.27E-01	0.00E+00	0.00E+00	-2.06E+00	-7.85E-04	-7.56E-04	-9.34E-03	0.00E+00	1.17E-19	-6.62E-09	-8.44E-08	-2.33E-03	-1.23E+00	0.00E+00	0.00E+00	-3.61E+00	3.27E-19	-5.62E+00	0.00E+00	-1.89E-08	-6.22E-08	-4.09E-03	0.00E+00	-3.33E-01	0.00E+00	-5.62E+00	-3.17E-05	-5.62E+00	-5.95E+00	-3.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
FL263B	-4.89E-03	1.42E-01	1.02E-02	1.32E-01	0.00E+00	0.00E+00	1.98E+00	-5.80E-04	-9.27E-05	-1.53E-03	0.00E+00	1.51E-19	-1.13E-09	-6.05E-08	1.76E-02	2.34E-02	0.00E+00	0.00E+00	7.17E-01	5.17E-19	2.65E+00	0.00E+00	2.49E-08	-5.82E-09	-6.89E-04	0.00E+00	2.41E-01	0.00E+00	2.65E+00	-2.08E-05	2.65E+00	2.89E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	1.27E+01
FL266B	-2.93E-03	-6.65E-01	-5.86E-03	-6.59E-01	0.00E+00	0.00E+00	-1.81E+00	-2.07E-04	-1.88E-04	-6.61E-03	0.00E+00	6.50E-21	-5.71E-09	-1.60E-08	-8.26E-03	-2.70E+00	0.00E+00	0.00E+00	-3.87E+00	2.50E-20	-6.31E+00	0.00E+00	-2.67E-08	-5.27E-08	-3.10E-03	0.00E+00	-6.77E-01	0.00E+00	-6.31E+00	-1.12E-05	-6.31E+00	-6.99E+00	-6.77E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
FL271B	-2.00E-03	-4.80E-01	1.25E-03	-4.82E-01	0.00E+00	0.00E+00	-1.47E-01	-1.94E-04	-3.31E-05	-4.87E-03	0.00E+00	1.18E-19	-4.75E-09	-1.13E-08	9.76E-04	-2.31E+00	0.00E+00	0.00E+00	-1.62E+00	3.33E-19	-3.89E+00	0.00E+00	-1.07E-08	-4.17E-08	-2.55E-03	0.00E+00	-3.78E-01	0.00E+00	-3.89E+00	-9.77E-06	-3.89E+00	-4.27E+00	-3.78E-01	0.00E+00	0.00E+00	0.00E+00	-7.26E+01
FL279B	2.79E-03	4.41E-01	2.48E-02	4.17E-01	0.00E+00	0.00E+00	6.87E+00	1.44E-05	7.83E-04	4.57E-03	0.00E+00	3.09E-19	1.59E-09	1.91E-08	3.60E-02	-2.22E+00	0.00E+00	0.00E+00	5.62E+00	9.75E-19	7.61E+00	0.00E+00	5.55E-08	2.52E-08	1.32E-03	0.00E+00	3.67E-01	0.00E+00	7.61E+00	2.09E-06	7.61E+00	7.98E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+02
FL302BA	4.28E-04	9.23E-02	4.59E-03	8.78E-02	0.00E+00	0.00E+00	1.36E+00	2.75E-06	8.06E-05	8.86E-04	0.00E+00	5.26E-20	1.75E-10	2.94E-09	7.26E-03	2.44E-01	0.00E+00	0.00E+00	9.17E-01	1.78E-19	1.49E+00	0.00E+00	1.10E-08	4.83E-09	2.48E-04	0.00E+00	1.56E-01	0.00E+00	1.49E+00	3.42E-07	1.49E+00	1.64E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
FL306BA	-1.49E-03	-2.02E-01	-2.19E-03	-2.00E-01	0.00E+00	0.00E+00	-6.19E-01	-6.37E-05	-1.74E-04	-2.07E-03	0.00E+00	0.00E+00	-1.77E-09	-6.24E-09	-2.86E-03	-3.00E-01	0.00E+00	0.00E+00	-1.25E+00	0.00E+00	-2.01E+00	0.00E+00	-8.85E-09	-1.64E-08	-9.74E-04	0.00E+00	-1.37E-01	0.00E+00	-2.01E+00	-3.45E-06	-2.01E+00	-2.15E+00	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	-5.21E+01
FL307BA	4.28E-04	9.23E-02	4.59E-03	8.78E-02	0.00E+00	0.00E+00	1.36E+00	2.75E-06	8.06E-05	8.86E-04	0.00E+00	5.26E-20	1.75E-10	2.94E-09	7.26E-03	2.44E-01	0.00E+00	0.00E+00	9.17E-01	1.78E-19	1.49E+00	0.00E+00	1.10E-08	4.83E-09	2.48E-04	0.00E+00	1.56E-01	0.00E+00	1.49E+00	3.42E-07	1.49E+00	1.64E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
FL321BA	-5.46E-02	-7.39E+00	-7.99E-02	-7.31E+00	0.00E+00	0.00E+00	-2.26E+01	-2.33E-03	-6.37E-03	-7.58E-02	0.00E+00	0.00E+00	-6.46E-08	-2.28E-07	-1.04E-01	-1.17E+01	0.00E+00	0.00E+00	-4.57E+01	0.00E+00	-7.36E+01	0.00E+00	-3.24E-07	-5.98E-07	-3.56E-02	0.00E+00	-5.13E+00	0.00E+00	-7.36E+01	-1.26E-04	-7.36E+01	-7.87E+01	-5.13E+00	0.00E+00	0.00E+00	0.00E+00	-1.91E+03
FL322BA	-3.78E-02	-7.15E+00	-7.47E-02	-7.07E+00	0.00E+00	0.00E+00	-2.11E+01	-2.28E-03	-6.17E-03	-7.35E-02	0.00E+00	4.22E-20	-6.32E-08	-2.22E-07	-9.64E-02	-1.05E+01	0.00E+00	0.00E+00	-4.40E+01	1.44E-19	-7.08E+01	0.00E+00	-3.08E-07	-5.82E-07	-3.47E-02	0.00E+00	-4.79E+00	0.00E+00	-7.08E+01	-1.23E-04	-7.08E+01	-7.56E+01	-4.79E+00	0.00E+00	0.00E+00	0.00E+00	-1.84E+03
FL342BA	-5.74E-02	-7.76E+00	-8.40E-02	-7.68E+00	0.00E+00	0.00E+00	-2.38E+01	-2.45E-03	-6.69E-03	-7.97E-02	0.00E+00	0.00E+00	-6.79E-08	-2.40E-07	-1.10E-01	-1.22E+01	0.00E+00	0.00E+00	-4.80E+01	0.00E+00	-7.73E+01	0.00E+00	-3.40E-07	-6.29E-07	-3.74E-02	0.00E+00	-5.38E+00	0.00E+00	-7.73E+01	-1.32E-04	-7.73E+01	-8.27E+01	-5.38E+00	0.00E+00	0.00E+00	0.00E+00	-2.00E+03
FL354BA	-7.01E-02	-9.48E+00	-1.03E-01	-9.38E+00	0.00E+00	0.00E+00	-2.90E+01	-2.99E-03	-8.18E-03	-9.74E-02	0.00E+00	0.00E+00	-8.30E-08	-2.93E-07	-1.34E-01	-1.48E+01	0.00E+00	0.00E+00	-5.86E+01	0.00E+00	-9.45E+01	0.00E+00	-4.16E-07	-7.68E-07	-4.57E-02	0.00E+00	-6.55E+00	0.00E+00	-9.45E+01	-1.62E-04	-9.45E+01	-1.01E+02	-6.55E+00	0.00E+00	0.00E+00	0.00E+00	-2.45E+03
FL356BA	2.01E-02	4.32E+00	2.15E-01	4.11E+00	0.00E+00	0.00E+00	6.43E+01	1.29E-04	3.78E-03	4.15E-02	0.00E+00	2.47E-18	1.06E-08	1.38E-07	3.41E-01	1.07E+01	0.00E+00	0.00E+00	4.30E+01	8.35E-18	6.97E+01	0.00E+00	5.18E-07	2.26E-07	1.16E-02	0.00E+00	7.21E+00	0.00E+00	6.97E+01	1.61E-05	6.97E+01	7.69E+01	7.21E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+03
FL358BA	-4.85E-02	-9.19E+00	-9.59E-02	-9.09E+00	0.00E+00	0.00E+00	-2.71E+01	-2.92E-03	-7.92E-03	-9.44E-02	0.00E+00	5.23E-20	-8.11E-08	-2.85E-07	-1.24E-01	-1.43E+01	0.00E+00	0.00E+00	-5.65E+01	1.77E-19	-9.10E+01	0.00E+00	-3.96E-07	-7.47E-07	-4.45E-02	0.00E+00	-6.26E+00	0.00E+00	-9.10E+01	-1.58E-04	-9.10E+01	-9.73E+01	-6.26E+00	0.00E+00	0.00E+00	0.00E+00	-2.36E+03
FL380B	-9.98E-03	-2.23E+00	-2.86E-02	-2.20E+00	0.00E+00	0.00E+00	-2.48E+00	-1.68E-04	-8.79E-04	-1.71E-02	0.00E+00	3.67E-20	-1.03E-08	-2.57E-08	-7.47E-01	-3.74E+01	0.00E+00	0.00E+00	-2.43E+01	1.39E-19	-1.99E+01	0.00E+00	-4.70E-08	-1.46E-07	-5.97E-03	0.00E+00	-1.11E+01	0.00E+00	-1.99E+01	-1.93E-05	-1.99E+01	-3.10E+01	-1.11E+01	0.00E+00	0.00E+00	0.00E+00	-9.43E+02
FL381B	-2.40E-02	-1.78E+00	-1.57E-02	-1.77E+00	0.00E+00	0.00E+00	-4.37E+00	-1.70E-03	-1.85E-03	-2.19E-02	0.00E+00	2.06E-19	-1.04E-08	-2.04E-07	-1.08E+00	-4.88E+00	0.00E+00	0.00E+00	-2.45E+01	7.89E-19	-1.65E+01	0.00E+00	2.21E-08	-1.56E-07	-7.87E-03	0.00E+00	-7.83E+00	0.00E+00	-1.65E+01	-6.16E-05	-1.65E+01	-2.43E+01	-7.83E+00	0.00E+00	0.00E+00	0.00E+00	-9.18E+02
FL382B	-1.35E-02	-3.39E+00	-2.46E-02	-3.37E+00	0.00E+00	0.00E+00	-3.08E+00	-3.33E-04	-1.19E-03	-2.44E-02	0.00E+00	3.97E-20	-9.82E-09	-3.60E-08	-1.12E+00	-7.20E+01	0.00E+00	0.00E+00	-2.54E+01	1.52E-19	-2.80E+01	0.00E+00	-6.82E-08	-2.12E-07	-8.84E-03	0.00E+00	-1.79E+01	0.00E+00	-2.80E+01	-1.78E-05	-2.80E+01	-4.59E+01	-1.79E+01	0.00E+00	0.00E+00	0.00E+00	-9.35E+02
FL386B	7.87E-03	3.92E-01	7.24E-02	3.20E-01	0.00E+00	0.00E+00	2.04E+01	1.41E-05	2.73E-03	1.12E-02	0.00E+00	1.19E-18	2.63E-09	5.87E-08	1.49E-01	-6.81E+01	0.00E+00	0.00E+00	1.32E+01	3.62E-18	2.21E+01	0.00E+00	1.63E-07	3.63E-08	3.18E-03	0.00E+00	-8.23E+00	0.00E+00	2.21E+01	3.79E-06	2.21E+01	1.39E+01	-8.23E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+02
FL387B	-2.43E-02	4.37E-01	5.86E-02	3.78E-01	0.00E+00	0.00E+00	1.57E+01	-2.49E-03	-3.71E-04	-5.83E-03	0.00E+00	9.83E-19	-6.02E-10	-2.63E-07	-9.66E-01	-1.00E+00	0.00E+00	0.00E+00	-7.82E+00	3.42E-18	1.29E+01	0.00E+00	2.16E-07	-3.54E-08	-1.71E-03	0.00E+00	-5.18E+00	0.00E+00	1.29E+01	-8.16E-05	1.29E+01	7.71E+00	-5.18E+00	0.00E+00	0.00E+00	0.00E+00	-3.09E+02
FL402B	-4.07E-03	-1.78E+00	-4.57E-03	-1.77E+00	0.00E+00	0.00E+00	-2.31E+00	-3.30E-04	6.02E-05	-1.08E-02	0.00E+00	4.46E-19	-9.12E-09	-2.16E-08	3.25E-02	-6.87E+01	0.00E+00	0.00E+00	-5.96E+00	1.12E-18	-8.26E+00	0.00E+00	-3.34E-08	-1.08E-07	-4.92E-03	0.00E+00	-1.05E+01	0.00E+00	-8.26E+00	-1.72E-05	-8.26E+00	-1.88E+01	-1.05E+01	0.00E+00	0.00E+00	0.00E+00	-2.51E+02
FL406B	-1.25E-02	-3.38E+00	-2.17E-02	-3.36E+00	0.00E+00	0.00E+00	-2.21E+00	-2.99E-04	-7.17E-04	-2.37E-02	0.00E+00	4.80E-20	-8.84E-09	-2.71E-08	-1.11E+00	-7.61E+01	0.00E+00	0.00E+00	-2.45E+01	1.76E-19	-2.70E+01	0.00E+00	-6.41E-08	-2.05E-07	-8.40E-03	0.00E+00	-1.84E+01	0.00E+00	-2.70E+01	-1.62E-05	-2.70E+01	-4.54E+01	-1.84E+01	0.00E+00	0.00E+00	0.00E+00	-8.97E+02
FL407B	-1.43E-02	1.02E+00	3.48E-02	9.85E-01	0.00E+00	0.00E+00	4.40E+00	-2.02E-03	2.23E-04	9.40E-04	0.00E+00	8.68E-19	-1.67E-09	-2.20E-07	1.13E-01	-2.66E+00	0.00E+00	0.00E+00	3.61E+00	2.61E-18	1.84E+01	0.00E+00	1.43E-07	2.68E-08	3.17E-04	0.00E+00	3.75E-01	0.00E+00	1.84E+01	-6.68E-05	1.84E+01	1.88E+01	3.75E-01	0.00E+00	0.00E+00	0.00E+00	9.89E+01