

Product Environmental Profile

Steel enclosure, Orion.Plus, plain door 650x500x200 mm



Company information

Hager
132 Boulevard d'Europe
F 67215 Obernai Cedex
www.hagergroup.com

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

References covered

Product ranges of small distribution boards metal unequipped with accessories: Orion, Pedro, New VegaD, Gamma, FW*

For the complete list of the covered references, see details in Appendix 1.

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
FL120A

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 650mm x 500mm x 250mm, with rated current $I_n=250A$, while protecting them against mechanical impacts (IK10) and the penetration of solid objects and liquids (IP65), 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	%
Epoxy resin	116.25	0.7%	Steel	14462.35	81.3%	Cardboard	1898.83	10.7%
PUR	112.00	0.6%	Zamak	203.02	1.1%	Wood	423.54	2.4%
PE-LD	87.11	0.5%	Stainless steel	78.88	0.4%	Calcium Carbonate	116.25	0.7%
PA6	27.60	0.2%	Brass	23.19	0.1%	Paper	80.00	0.4%
PA66	24.50	0.1%	Other	1.29	<0.1%	Titanium dioxide	77.50	0.4%
						Other	57.12	0.3%
Total mass of reference product with raw material packaging :			17789.42 g					
Total mass of reference product (Product + packaging)			16941.46 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 packaging waste treatment.

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	100.0%	0	0.0%

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	0.0%	0	100.0%

This corresponds to a total energy consumption of 0.00 kWh for the use span of 20 years.

Energy model of the use phase :

Europe

Consumables and maintenance :

None

End of life

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

The recycling potential of the product is: 85%. The calculation of this rate is based on the method of the IEC/TR 62635.

Environmental impacts

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

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

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

PEP representative of the covered products marketed in: Europe

Energy models considered for each phase

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

Environmental impact indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Acidification (PEF-AP)	mole H+ eq.	2.90E-01	1.96E-02	5.01E-03	0.00E+00	6.22E-02	3.77E-01	6.15E-02
Climate change - Total (PEF-GWP)	kg CO2 eq.	8.51E+01	3.09E+00	2.22E+00	0.00E+00	1.36E+01	1.04E+02	1.31E+01
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	-2.86E+00	0.00E+00	4.18E-01	0.00E+00	9.08E-01	-1.53E+00	6.50E-01
Climate change-Fossil (PEF-GWPF)	kg CO2 eq.	8.80E+01	3.09E+00	1.81E+00	0.00E+00	1.27E+01	1.06E+02	1.25E+01
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	1.79E+03	2.03E+00	2.60E+01	0.00E+00	1.92E+02	2.01E+03	1.92E+02
EF-particulate Matter (PEF-PM)	Incidence of diseases	1.63E-06	1.60E-07	2.99E-08	0.00E+00	6.91E-07	2.51E-06	6.88E-07
Eutrophication, freshwater (PEF-Epf)	kg P eq.	1.28E-04	1.16E-06	2.47E-05	0.00E+00	3.89E-04	5.42E-04	3.89E-04
Eutrophication, marine (PEF-Epm)	kg N eq.	5.06E-02	9.20E-03	2.39E-03	0.00E+00	1.23E-02	7.44E-02	1.20E-02
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	5.38E-01	1.01E-01	1.49E-02	0.00E+00	1.30E-01	7.84E-01	1.26E-01
Human toxicity, cancer (PEF-CTUh-c)	CTUh	6.90E-07	5.44E-11	1.99E-07	0.00E+00	1.76E-08	9.06E-07	1.76E-08
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	7.20E-07	1.05E-09	5.81E-09	0.00E+00	4.21E-07	1.15E-06	4.20E-07
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	1.52E+01	7.55E-03	2.69E-01	0.00E+00	1.03E+00	1.65E+01	1.03E+00
Land use (PEF-LU)	No dimension	6.06E-02	0.00E+00	4.81E-03	0.00E+00	3.46E+01	3.47E+01	3.46E+01
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	5.94E-07	4.75E-09	2.31E-08	0.00E+00	1.57E-06	2.19E-06	1.57E-06
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	1.94E-01	2.54E-02	3.47E-03	0.00E+00	3.62E-02	2.59E-01	3.54E-02
Resource use, fossils (PEF-ADPF)	MJ	5.71E+04	4.32E+01	1.71E+01	0.00E+00	2.12E+02	5.74E+04	2.11E+02
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	2.98E-04	1.22E-07	4.20E-08	0.00E+00	4.51E-05	3.44E-04	4.88E-05
Water use (PEF-WU)	m3 eq.	3.91E+01	1.18E-02	1.35E-01	0.00E+00	4.58E+03	4.62E+03	4.58E+03

Resource use indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Net use of fresh water	m3	9.11E-01	2.74E-04	3.13E-03	0.00E+00	1.30E+02	1.31E+02	1.30E+02
Total primary energy	MJ	5.72E+04	4.33E+01	1.94E+01	0.00E+00	2.34E+02	5.75E+04	2.33E+02
Total non renewable primary energy	MJ	5.71E+04	4.32E+01	1.71E+01	0.00E+00	2.12E+02	5.74E+04	2.11E+02
Total renewable primary energy	MJ	4.89E+01	5.77E-02	2.28E+00	0.00E+00	2.20E+01	7.32E+01	2.21E+01
Non renewable primary energy used as energy	MJ	5.71E+04	4.32E+01	1.71E+01	0.00E+00	2.12E+02	5.74E+04	2.11E+02
Non renewable primary energy used as raw material	MJ	1.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+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
Renewable primary energy used as energy	MJ	5.35E+00	5.77E-02	2.28E+00	0.00E+00	2.20E+01	2.97E+01	2.21E+01
Renewable primary energy used as raw material	MJ	4.35E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E+01	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of secondary material	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Waste category indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Hazardous waste disposed	kg	8.14E+00	0.00E+00	4.39E-02	0.00E+00	-3.19E-02	8.15E+00	7.45E-18
Non hazardous waste disposed	kg	5.20E+00	1.09E-01	7.40E-01	0.00E+00	4.24E-01	6.48E+00	2.52E-17
Radioactive waste disposed	kg	1.39E-03	7.74E-05	8.87E-05	0.00E+00	1.21E-05	1.57E-03	0.00E+00

Output flow indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	MJ	1.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01	0.00E+00
Materials for energy recovery	kg	1.93E-01	0.00E+00	1.49E-01	0.00E+00	2.00E-05	3.42E-01	0.00E+00
Materials for recycling	kg	4.51E+00	0.00E+00	8.20E-04	0.00E+00	0.00E+00	4.51E+00	0.00E+00

Biogenic carbon content

Packaging	Unit	Cardboard	Paper	Wood	Sum
Biogenic carbon content (ratio)	%	2.80E+01	3.78E+01	3.95E+01	
Mass	kg	1.90E+00	8.52E-02	4.24E-01	2.41E+00
Biogenic carbon content (declared unit)	kg of C	5.32E-01	3.22E-02	1.67E-01	7.31E-01
Biogenic carbon content (functional unit)	kg of C	5.32E-01	3.22E-02	1.67E-01	7.31E-01
Source		ADEME	APESA/RECORD	EN 16485	

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

Extrapolation rules

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

Verification

Registration N°: HAGE-00954-V02.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH64	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 12-2025	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.

		Aedification (PEF-AP) - [mole H+ eq.]	Climate change - Total (PEF-GWP) - [kg CO2 eq.]	Climate change-Biogenic (PEF-GWPb) - [kg CO2 eq.]	Climate change-Fossil (PEF-GWPP) - [kg CO2 eq.]	Climate change-Land use and land use change (PEF-GWPLU) - [kg CO2 eq.]	Components for re-use - [kg]	Ecotoxicity, freshwater (PEF-CTUw) - [CTUw]	Eutrophication, freshwater (PEF-Ep) - [kg P eq.]	Eutrophication, marine (PEF-Epm) - [kg N eq.]	Eutrophication, terrestrial (PEF-Ep) - [mole of N eq.]	Exported energy - [MJ]	Hazardous waste disposed - [kg]	Human toxicity, cancer (PEF-CTUh-c) - [CTUh]	Human toxicity, non-cancer (PEF-CTUh-ne) - [CTUh]	Ionising radiation, human health (PEF-IR) - [kg Bq U235 eq.]	Land use (PEFLU)	Materials for energy recovery - [kg]	Materials for recycling - [kg]	Net use of fresh water - [m3]	Non hazardous waste disposed - [kg]	Non renewable primary energy used as energy - [MJ]	Non renewable primary energy used as raw material - [MJ]	Ozone depletion (PEF-ODP) - [kg CFC-11 eq.]	EF-particulate Matter (PEF-PM) - [incidence of diseases]	Photochemical ozone formation - human health (PEF-POCP) - [kg d NMVOC eq.]	Radioactive waste disposed - [kg]	Renewable primary energy used as energy - [MJ]	Renewable primary energy used as raw material - [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.]
FL120A	2.80E-01	8.51E+01	-2.88E+01	8.80E+01	0.00E+00	1.70E+03	1.28E-04	5.98E-02	5.30E-01	1.43E-01	8.14E+00	6.90E-07	7.20E-07	1.52E+01	6.06E-02	1.93E-01	4.51E+00	8.11E-01	3.20E+00	5.71E+04	1.31E+01	5.94E-07	1.63E-08	1.94E-01	1.30E-03	4.30E+01	5.71E+04	2.88E-04	5.71E+04	5.72E+04	4.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E+01	
17828	3.14E-02	4.44E+00	-1.80E-01	4.68E+00	0.00E+00	2.48E+02	2.31E-05	2.97E-03	3.30E-02	6.70E-03	2.13E+00	3.16E-07	2.93E-07	8.87E+00	1.15E-02	8.98E-03	3.78E-02	4.03E-02	1.00E+00	4.27E+02	1.91E+00	3.76E-07	3.71E-07	1.47E-02	3.98E-04	4.08E-01	2.64E+00	4.16E+00	5.54E-05	4.16E+00	5.34E+00	2.22E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00	
35510	1.26E-01	3.50E+01	-2.00E+00	3.62E+01	9.80E-10	0.00E+00	1.96E+02	7.08E-09	2.11E-02	2.20E-01	6.38E-02	2.43E-01	7.40E-07	2.26E-07	1.43E-01	7.19E-02	9.02E-02	1.44E+00	3.55E-01	5.46E+00	3.01E+03	3.88E+00	1.49E-09	8.43E-07	8.18E-02	5.96E-03	-8.26E-01	6.07E+01	2.84E+03	3.88E-04	2.84E+03	3.08E+03	4.81E+01	0.00E+00	0.00E+00	0.00E+00	1.49E+01
B04632	3.85E-02	6.94E+00	-1.31E-01	7.25E+00	0.00E+00	0.00E+00	1.24E+03	2.16E-05	7.44E-02	1.59E-01	1.07E-02	7.57E-01	5.01E-08	2.14E-08	3.66E+00	1.24E-02	2.27E-02	1.95E-02	1.23E-02	1.20E+00	1.14E+02	5.36E+00	4.05E-07	2.84E-07	4.13E-02	3.47E-04	3.54E+00	5.02E+00	1.19E+02	4.43E-07	1.19E+02	1.28E+02	5.56E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-01
B04633	2.11E-02	3.99E+00	-1.30E-01	4.05E+00	0.00E+00	0.00E+00	6.22E+02	1.13E-05	7.58E-03	8.37E-02	1.16E-02	5.27E-01	3.08E-08	1.25E-08	1.80E+00	2.46E-02	1.57E-02	1.35E-02	8.01E-03	8.41E-01	6.15E+01	3.63E+00	2.83E-07	1.52E-07	2.23E-02	2.00E-04	1.78E+00	3.16E+00	6.88E+01	3.38E-07	6.88E+01	7.37E+01	4.93E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-01
B04634	4.27E-02	6.34E+00	-9.71E-02	8.44E+00	0.00E+00	0.00E+00	1.24E+03	2.39E-05	1.52E-02	1.63E-01	2.74E-02	1.36E+00	2.70E-08	2.92E-09	5.50E+00	6.15E-02	5.70E-02	3.18E-02	2.19E-02	1.99E+00	1.58E+02	5.69E+00	7.42E-07	3.03E-07	4.54E-02	4.01E-04	4.70E+00	2.71E+00	1.44E+02	6.45E-07	1.44E+02	1.51E+02	7.41E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-01
B04635	4.86E-02	9.77E+00	-1.91E-01	9.91E+00	0.00E+00	0.00E+00	1.25E+03	2.64E-05	1.82E-01	3.94E-02	3.94E-02	1.36E+00	3.54E-08	3.54E-08	1.60E+00	9.67E-02	5.33E-02	4.58E-02	2.94E-02	2.61E+00	1.89E+02	5.69E+00	1.07E-06	3.44E-07	5.03E-02	5.18E-04	5.90E+00	3.90E+00	1.74E+02	6.88E-07	1.74E+02	1.83E+02	9.30E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
B04637	1.54E-02	2.94E+00	-4.79E-03	2.84E+00	0.00E+00	0.00E+00	6.14E+02	1.38E-05	6.34E-03	7.13E-02	9.50E-04	2.31E-02	5.53E-09	6.83E-09	4.36E+00	8.00E-02	1.29E-03	1.11E-03	6.33E-03	1.55E-01	4.07E+01	4.79E+00	2.76E-09	1.23E-07	1.80E-02	7.75E-05	2.53E+00	8.402E-02	4.50E+01	3.16E-07	4.53E+01	4.82E+01	2.62E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-01
B04640	1.19E-02	3.71E+00	-4.90E-02	3.78E+00	1.38E-04	0.00E+00	2.17E+03	3.20E-05	3.25E-03	2.78E-02	4.56E-03	4.67E-02	2.53E-08	3.26E-08	2.07E+00	4.59E-01	8.18E-03	5.36E-02	1.82E-02	1.32E+00	1.06E+02	1.37E+01	3.29E-08	7.70E-08	7.53E-02	7.30E-04	5.15E+00	1.43E+00	1.20E+02	1.24E-05	1.20E+02	1.27E+02	6.60E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-01
B04643	3.70E-02	1.13E+01	-3.28E-01	1.16E+01	2.78E-04	0.00E+00	4.37E+03	7.25E-09	7.38E-03	8.52E-02	1.48E-03	1.28E-01	8.11E-08	8.83E-08	4.62E+00	8.80E-01	2.29E-02	2.35E-01	6.45E-02	2.58E+00	3.98E+02	4.91E+01	7.00E-09	2.27E-07	2.37E-02	1.37E-03	1.28E+01	6.43E+00	3.48E+02	5.40E-05	6.43E+00	4.37E+02	1.92E+01	0.00E+00	0.00E+00	0.00E+00	2.75E+00
B04645	1.07E-02	3.36E+00	-2.03E-02	3.40E+00	0.00E+00	0.00E+00	1.67E+02	1.37E-04	2.18E-02	2.63E-02	4.66E-03	4.48E-02	1.49E-08	1.73E-08	3.93E+00	8.80E-01	6.07E-03	5.22E-03	1.63E-02	2.33E+00	1.69E+02	2.97E+01	2.73E-07	7.71E-08	6.98E-05	1.35E-03	6.60E+00	1.53E+00	7.06E+00	5.92E-07	7.06E+00	7.47E+00	8.13E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-01
B04646	1.16E-02	3.64E+00	-8.26E-02	3.70E+00	2.78E-04	0.00E+00	1.70E+02	1.38E-05	2.52E-03	3.04E-02	6.26E-03	5.51E-02	1.92E-08	1.86E-08	3.81E+00	8.00E-01	8.47E-03	7.28E-03	1.84E-02	1.40E+00	5.49E+01	2.62E+01	2.56E-08	7.74E-08	7.88E-02	7.54E-04	6.88E+00	2.03E+00	8.10E+01	7.43E-07	8.10E+01	8.86E+01	8.31E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-01
B04648	1.46E-02	4.42E+00	-1.15E-01	4.55E+00	2.78E-04	0.00E+00	1.80E+02	1.68E-09	3.15E-03	3.73E-02	8.23E-03	6.51E-02	2.76E-08	2.27E-09	4.30E+00	8.88E-01	1.11E-02	9.97E-03	2.15E-02	1.99E+00	6.68E+01	3.37E+01	2.86E-08	9.44E-08	9.50E-02	9.31E-04	7.89E+00	2.98E+00	1.09E+02	9.50E-07	1.09E+02	1.11E+02	1.68E+01	0.00E+00	0.00E+00	0.00E+00	9.02E-01
B04649	4.36E-02	1.08E+01	-2.88E-01	1.05E+01	2.78E-04	0.00E+00	2.34E+02	3.60E-05	8.70E-03	1.07E-01	1.42E-02	5.74E-02	1.26E-08	5.16E-08	6.36E+00	1.34E+00	1.92E-02	1.65E-02	6.12E-02	9.25E+00	1.48E+02	8.33E+01	8.94E-08	3.02E-07	3.06E-02	5.67E-03	1.30E+01	1.41E+00	2.31E+02	1.20E-08	2.31E+02	2.46E+02	1.44E+01	0.00E+00	0.00E+00	0.00E+00	2.60E+00
B04653	1.09E-02	3.30E+00	-5.48E-03	3.30E+00	0.00E+00	0.00E+00	5.80E+00	2.29E-09	1.80E-03	1.90E-02	0.00E+00	1.23E-03	3.48E-03	2.26E-08	1.48E+00	4.84E-02	9.44E-03	1.58E-01	2.02E-02	4.81E-01	2.17E+02	1.12E+00	9.79E-09	5.62E-08	7.19E-02	3.05E-04	2.96E-01	6.02E-01	2.18E+02	3.86E-05	2.18E+02	2.19E+02	7.59E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+00
B04654	1.43E-02	4.32E+00	-7.51E-03	4.33E+00	0.00E+00	0.00E+00	7.65E+00	2.65E-05	2.35E-03	2.53E-02	0.00E+00	1.54E-03	4.46E-08	2.96E-08	1.50E+00	5.92E-02	1.23E-02	2.88E-01	3.82E-02	6.32E-01	2.85E+02	1.16E+00	1.17E-08	7.61E-08	9.34E-01	4.91E-04	3.64E-01	6.02E-01	2.88E+00	5.06E-05	2.88E+00	2.87E+00	9.86E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+00
B04661	1.72E-02	5.24E+00	-9.31E-02	5.33E+00	0.00E+00	0.00E+00	4.32E+03	5.48E-05	3.11E-03	3.71E-02	8.05E-03	5.73E-02	3.02E-08	5.37E-08	3.54E+00	5.67E-02	8.12E-03	1.49E-01	2.90E-02	1.96E-07	2.28E+02	6.89E+00	3.74E-09	1.02E-07	1.09E-02	2.95E-04	4.78E+00	1.68E+00	2.34E+02	3.52E-05	2.34E+02	2.41E+02	6.48E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
B04670	2.46E-02	7.00E+00	-1.97E-03	7.10E+00	0.00E+00	0.00E+00	1.29E+01	3.23E-09	3.88E-03	4.21E-02	9.92E-03	2.01E+00	7.42E-08	4.88E-09	3.79E+00	7.52E-02	1.34E-02	3.42E-01	6.42E-02	1.06E+00	4.57E+02	1.97E+00	7.46E-09	1.79E-07	1.52E-02	6.82E-04	7.33E-01	9.82E-01	4.52E+02	1.08E-04	4.52E+00	4.61E+02	1.78E+00	0.00E+00	0.00E+00	0.00E+00	2.76E+00
B04671	4.25E-02	1.26E+01	-1.04E-02	1.26E+01	0.00E+00	0.00E+00	2.29E+01	7.70E-08	6.91E-03	7.48E-02	1.77E-02	2.01E+00	1.36E-08	8.65E-08	4.81E+00	1.76E-01	2.39E-02	6.15E-01	1.16E-01	1.98E+00	8.21E+02	4.19E+00	5.06E-08	2.66E-07	2.79E-02	1.26E-03	1.45E+00	1.09E+00	8.29E+02	1.73E-04	8.29E+02	8.26E+02	3.20E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+00
B04672	7.37E-02	2.22E+01	-2.39E-02	2.22E+01	0.00E+00	0.00E+00	3.62E+01	1.29E-05	1.21E-02	1.31E+01	3.08E-02	2.02E+00	2.40E-08	1.93E-07	5.69E+00	2.75E-01	4.18E-02	1.06E+00	1.93E-01	3.25E+00	1.45E+03	5.97E+00	1.11E-07	4.32E-07	4.79E+02	2.07E-03	2.38E+00	3.09E+00	1.46E+00	2.86E-04	1.46E+00	1.47E+00	5.44E+00	0.00E+00	0.00E+00	0.00E+00	8.30E+00
B04673	1.31E-01	3.34E+01	-4.06E-02	3.34E+01	0.00E+00	0.00E+00	6.92E+01	5.87E-05	2.32E-02	2.32E-01	5.46E-02	2.02E-02	4.19E-08	2.16E-08	4.58E+00	1.76E-01	2.98E-02	1.96E+00	3.47E-01	5.79E+00	1.89E+02	5.97E+00	1.11E-07	7.81E-07	8.48E-02	3.68E-03	1.30E+01	6.02E-01	2.88E+00	5.06E-05	2.88E+00	2.87E+00	9.86E-01	0.00E+00	0.00E+00	0.00E+00	1.47E+01
B04674	1.71E-01	5.17E+01	-7.73E-02	5.16E+01	0.00E+00	0.00E+00	9.04E+01	2.44E-05	2.81E-02	3.04E-01	7.13E-02	2.02E+00	5.45E-08	3.46E-07	8.71E+00	6.07E-01	9.88E-02	2.37E+00	4.47E-01	7.52E+00	3.42E+03	9.10E+00	1.65E-07	9.51E-07	1.11E-01	4.82E-03	5.46E+00	7.09E+00	3.43E+00	6.37E-04	3.43E+00	3.44E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.50E+01
B04675	2.52E-01	7.59E+01	-6.07E-02	7.57E+01	0.00E+00	0.00E+00	1.30E+02	2.91E-05	1.43E-02	4.46E-01	1.02E-01	2.05E+00	7.82E-08	5.04E-07	9.95E+00	8.06E-01	1.42E-01	1.74E+00	6.62E-01	1.09E+01	4.98E+03	2.02E+01	2.04E-07	1.37E-08	1.62E-01	6.99E-03	7.92E+00	1.04E+01	5.00E+03	1.93E-04	5.00E+03	5.02E+03	1.82E+01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
B04677	4.93E-01	1.39E+02	-1.71E-01	1.36E+02	0.00E+00	0.00E+00	2.34E+02	5.15E-05	7.38E-02	8.05E-01	1.87E-01	2.07E+00	1.40E-07	9.08E-07	8.88E+00	1.45E+00	2.53E-01	6.78E+00	1.19E+00	1.96E+01</																	

FL103AC	9.28E-02	2.37E-01	-1.19E-01	7.97E-09	0.00E+00	1.42E+03	6.08E-05	1.48E-02	1.57E-01	3.86E-02	1.15E-01	7.43E-07	3.33E-07	1.54E-01	5.53E-02	5.14E-02	1.49E-01	3.43E-01	4.67E-01	3.43E-04	7.83E-02	2.31E-06	7.02E-07	5.26E-02	1.19E+03	5.34E-01	1.24E-01	3.70E-04	2.83E-04	3.70E-04	3.74E-04	1.72E-01	0.00E+00	0.00E+00	0.00E+00	1.52E-01	
FL103AM	1.05E-01	2.79E-01	-1.24E-01	2.96E-01	4.08E-09	0.00E+00	1.41E+03	6.93E-05	1.71E-02	1.83E-01	5.04E-02	8.71E-07	4.73E-07	3.93E-07	1.52E-01	5.08E-02	6.83E-02	1.50E-01	3.68E-01	3.14E-01	3.42E-04	7.87E-02	4.22E-07	6.93E-07	6.30E-02	8.95E-04	5.41E-01	1.34E-01	3.88E-04	2.33E-04	3.88E-04	3.73E-04	2.13E-01	0.00E+00	0.00E+00	0.00E+00	1.81E-01
FL104A	1.06E-01	3.94E-01	-1.06E-01	3.19E-01	0.00E+00	0.00E+00	1.37E+03	6.11E-05	1.84E-02	1.96E-01	5.53E-02	8.65E-07	4.45E-07	3.07E-07	1.45E-01	4.86E-02	7.48E-02	1.26E-01	3.36E-01	3.02E-01	3.17E-04	6.84E-02	3.63E-07	6.66E-07	6.96E-02	7.80E-04	6.41E-01	1.61E-01	3.17E-04	2.22E-04	3.17E-04	3.18E-04	2.25E-01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
FL104AC	8.44E-02	2.42E-01	-1.08E-01	2.80E-01	7.97E-09	0.00E+00	1.42E+03	6.10E-05	1.50E-02	1.81E-01	4.81E-02	1.15E-01	7.43E-07	3.26E-07	1.56E-01	5.47E-02	6.84E-02	1.45E-01	3.28E-01	3.08E-01	3.36E-04	7.34E-02	2.31E-06	7.12E-07	5.47E-02	1.19E+03	5.45E-01	1.28E-01	3.31E-04	2.83E-04	3.17E-04	3.18E-04	1.85E-01	0.00E+00	0.00E+00	0.00E+00	1.48E-01
FL105A	1.09E-01	2.90E-01	-1.24E-01	3.02E-01	4.08E-09	0.00E+00	1.41E+03	6.43E-05	1.68E-02	1.90E-01	5.25E-02	8.78E-07	4.74E-07	3.33E-07	1.53E-01	4.93E-02	7.68E-02	1.41E-01	3.42E-01	3.12E-01	3.32E-04	7.40E-02	4.22E-07	7.23E-07	6.33E-02	8.91E-04	5.44E-01	1.48E-01	3.35E-04	2.36E-04	3.35E-04	2.28E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-01	
FL105AC	1.07E-01	2.78E-01	-1.20E-01	2.96E-01	7.97E-09	0.00E+00	1.42E+03	6.46E-05	1.38E-02	1.84E-01	5.32E-02	1.16E-01	7.48E-07	3.36E-07	1.56E-01	5.46E-02	7.16E-02	1.46E-01	3.34E-01	3.17E-01	3.36E-04	7.48E-02	2.31E-06	7.35E-07	6.30E-02	1.21E-03	5.36E-01	1.44E-01	3.34E-04	2.86E-04	3.36E-04	3.38E-04	2.28E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
FL106A	1.98E-01	2.88E-01	-1.32E-01	2.87E-01	4.08E-09	0.00E+00	1.41E+03	6.63E-05	1.71E-02	1.83E-01	5.11E-02	8.73E-07	4.71E-07	3.41E-07	1.34E-01	5.08E-02	6.91E-02	1.46E-01	3.68E-01	3.11E-01	3.48E-04	7.73E-02	4.25E-07	6.93E-07	6.30E-02	8.92E-04	5.39E-01	1.44E-01	3.77E-04	2.35E-04	3.72E-04	3.73E-04	2.18E-01	0.00E+00	0.00E+00	0.00E+00	1.62E-01
FL106AC	1.06E-01	2.87E-01	-1.26E-01	3.01E-01	7.97E-09	0.00E+00	1.42E+03	6.66E-05	1.76E-02	1.87E-01	5.18E-02	1.16E-01	7.42E-07	3.38E-07	1.59E-01	5.45E-02	6.99E-02	1.45E-01	3.66E-01	3.12E-01	3.48E-04	7.88E-02	2.31E-06	7.59E-07	6.31E-02	1.23E-03	5.33E-01	1.45E-01	3.77E-04	2.89E-04	3.74E-04	3.74E-04	2.21E-01	0.00E+00	0.00E+00	0.00E+00	1.61E-01
FL106AM	1.07E-01	3.69E-01	-1.25E-01	3.71E-01	4.08E-09	0.00E+00	1.42E+03	6.81E-05	1.74E-02	1.86E-01	5.21E-02	8.72E-07	4.84E-07	3.68E-07	1.52E-01	5.10E-02	6.98E-02	2.45E-01	4.31E-01	3.17E-01	3.68E-04	7.94E-02	4.34E-07	7.11E-07	6.44E-02	8.71E-04	5.54E-01	1.33E-01	3.30E-04	2.33E-04	3.32E-04	3.38E-04	2.23E-01	0.00E+00	0.00E+00	0.00E+00	1.59E-01
FL107A	1.12E-01	3.24E-01	-1.37E-01	3.07E-01	4.08E-09	0.00E+00	1.42E+03	7.27E-05	1.67E-02	2.03E-01	5.83E-02	1.74E-01	7.46E-07	3.66E-07	1.57E-01	5.66E-02	7.91E-02	1.59E-01	3.86E-01	3.13E-01	3.79E-04	7.70E-02	4.34E-07	7.11E-07	7.80E-02	8.72E-04	5.63E-01	1.42E-01	3.08E-04	2.40E-04	3.94E-04	3.35E-01	0.00E+00	0.00E+00	0.00E+00	1.70E-01	
FL107AC	1.08E-01	3.37E-01	-1.35E-01	3.48E-01	7.97E-09	0.00E+00	1.43E+03	7.21E-05	1.85E-02	1.93E-01	5.84E-02	1.15E-01	7.50E-07	3.33E-07	1.60E-01	5.56E-02	7.60E-02	1.77E-01	3.98E-01	3.17E-01	3.84E-04	7.92E-02	2.33E-06	7.55E-07	6.70E-02	1.23E-03	5.31E-01	1.51E-01	4.12E-04	2.87E-04	4.12E-04	3.98E-04	2.33E-01	0.00E+00	0.00E+00	0.00E+00	1.78E-01
FL107AM	1.09E-01	4.07E-01	-1.55E-01	4.06E-01	4.08E-09	0.00E+00	1.43E+03	7.23E-05	1.73E-02	1.98E-01	5.93E-02	8.74E-07	4.84E-07	3.82E-07	1.54E-01	5.69E-02	7.50E-02	3.08E-01	4.94E-01	3.18E-01	4.08E-04	8.14E-02	4.36E-07	7.18E-07	6.93E-02	8.92E-04	5.42E-01	1.52E-01	4.29E-04	2.38E-04	4.29E-04	4.18E-04	2.34E-01	0.00E+00	0.00E+00	0.00E+00	2.12E-01
FL108A	1.32E-01	3.88E-01	-1.40E-01	4.03E-01	4.08E-09	0.00E+00	1.43E+03	7.49E-05	2.24E-02	2.37E-01	7.04E-02	8.74E-07	4.93E-07	3.80E-07	1.55E-01	5.71E-02	8.50E-02	1.57E-01	3.86E-01	3.14E-01	3.81E-04	7.88E-02	4.44E-07	8.08E-07	6.39E-02	8.90E-04	5.26E-01	1.48E-01	4.07E-04	2.35E-04	4.07E-04	3.92E-04	2.89E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-01
FL108AC	1.32E-01	3.94E-01	-1.38E-01	4.01E-01	7.97E-09	0.00E+00	1.44E+03	7.49E-05	2.25E-02	2.38E-01	7.07E-02	1.18E-01	7.83E-07	3.73E-07	1.60E-01	5.97E-02	8.42E-02	1.58E-01	3.96E-01	3.19E-01	3.82E-04	8.02E-02	4.33E-06	8.49E-07	6.39E-02	1.25E-03	5.27E-01	1.78E-01	4.08E-04	2.87E-04	4.08E-04	3.92E-04	2.91E-01	0.00E+00	0.00E+00	0.00E+00	1.72E-01
FL109A	1.54E-01	3.53E-01	-1.47E-01	3.87E-01	7.97E-09	0.00E+00	1.43E-02	7.46E-05	2.26E-02	2.18E-01	5.75E-02	1.74E-01	7.48E-07	4.86E-07	1.58E-01	5.96E-02	7.74E-02	1.56E-01	3.76E-01	3.11E-01	3.92E-04	7.45E-02	4.34E-07	7.13E-07	7.81E-02	8.93E-04	5.35E-01	1.68E-01	3.91E-04	2.91E-04	3.91E-04	3.88E-04	2.38E-01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
FL109AC	1.14E-01	3.52E-01	-1.34E-01	3.75E-01	7.97E-09	0.00E+00	1.43E+03	7.50E-05	2.07E-02	2.23E-01	5.78E-02	1.16E-01	7.51E-07	3.97E-07	1.58E-01	5.47E-02	7.78E-02	1.45E-01	3.77E-01	3.12E-01	3.73E-04	7.88E-02	2.33E-06	7.61E-07	7.89E-02	1.22E-03	5.27E-01	1.67E-01	3.90E-04	2.88E-04	3.92E-04	3.77E-04	2.43E-01	0.00E+00	0.00E+00	0.00E+00	1.65E-01
FL110A	1.43E-01	4.18E-01	-1.70E-01	4.32E-01	0.00E+00	0.00E+00	1.42E+03	7.89E-05	2.45E-02	2.75E-01	7.78E-02	8.69E-07	5.26E-07	3.87E-07	1.47E-01	5.91E-02	1.05E-01	1.72E-01	4.46E-01	3.47E-01	3.95E-04	8.19E-02	4.21E-07	8.65E-07	9.58E-02	8.91E-04	5.21E-01	2.54E-01	3.99E-04	2.22E-04	3.99E-04	3.99E-04	3.05E-01	0.00E+00	0.00E+00	0.00E+00	1.93E-01
FL110AC	1.37E-01	3.84E-01	-1.40E-01	4.01E-01	7.97E-09	0.00E+00	1.44E+03	7.98E-05	2.35E-02	2.34E-01	6.79E-02	1.16E-01	7.58E-07	3.81E-07	1.59E-01	5.45E-02	9.13E-02	1.60E-01	4.12E-01	3.48E-01	3.88E-04	8.02E-02	2.33E-06	8.71E-07	8.29E-02	1.27E-03	5.32E-01	1.83E-01	4.08E-04	2.94E-04	4.08E-04	3.89E-04	2.94E-01	0.00E+00	0.00E+00	0.00E+00	1.80E-01
FL111A	1.46E-01	4.69E-01	-1.55E-01	5.02E-01	4.08E-09	0.00E+00	1.44E+03	7.83E-05	2.37E-02	2.53E-01	7.93E-02	8.77E-07	5.33E-07	4.01E-07	1.55E-01	5.94E-02	1.06E-01	3.08E-01	5.26E-01	3.25E-01	4.20E-04	8.58E-02	4.34E-07	8.92E-07	8.02E-02	9.85E-04	5.33E-01	2.53E-01	4.39E-04	2.39E-04	4.39E-04	4.19E-04	3.02E-01	0.00E+00	0.00E+00	0.00E+00	2.02E-01
FL111AC	1.46E-01	4.69E-01	-1.47E-01	4.98E-01	7.97E-09	0.00E+00	1.44E+03	7.84E-05	2.38E-02	2.54E-01	7.94E-02	1.16E-01	7.46E-07	4.00E-07	1.60E-01	5.92E-02	1.07E-01	3.04E-01	5.27E-01	3.48E-01	4.20E-04	8.68E-02	4.34E-07	8.92E-07	8.02E-02	1.30E-03	5.26E-01	2.52E-01	4.38E-04	2.39E-04	4.38E-04	4.20E-04	3.04E-01	0.00E+00	0.00E+00	0.00E+00	2.03E-01
FL112A	1.88E-01	5.49E-01	-1.75E-01	5.67E-01	0.00E+00	0.00E+00	1.45E+03	8.74E-05	3.08E-02	3.47E-01	9.26E-02	8.71E-07	5.36E-07	4.83E-07	1.48E-01	6.22E-02	1.29E-01	2.84E-01	8.87E-01	3.98E-01	4.43E-04	9.27E-02	4.47E-07	1.08E-06	1.25E-03	9.37E-04	5.72E-01	2.68E-01	4.43E-04	2.23E-04	4.43E-04	4.44E-04	3.25E-01	0.00E+00	0.00E+00	0.00E+00	2.52E-01
FL112AC	1.79E-01	4.99E-01	-1.51E-01	5.04E-01	7.97E-09	0.00E+00	1.46E+03	8.66E-05	2.88E-02	2.80E-01	8.19E-02	1.18E-01	8.36E-07	4.31E-07	1.59E-01	5.94E-02	1.10E-01	2.97E-01	5.51E-01	4.84E-01	4.28E-04	8.74E-02	2.33E-06	1.10E-06	9.63E-02	1.26E-03	5.31E-01	2.53E-01	4.48E-04	2.32E-04	4.48E-04	4.26E-04	3.11E-01	0.00E+00	0.00E+00	0.00E+00	2.40E-01
FL113A	2.24E-01	6.88E-01	-1.90E-01	5.87E-01	4.08E-09	0.00E+00	1.52E+03	8.94E-05	3.29E-02	3.80E-01	1.04E-01	7.27E-07	6.79E-07	5.42E-07	1.54E-01	6.41E-02	1.36E-01	4.14E-01	6.73E-01	3.48E-01	4.79E-04	9.81E-02	3.44E-07	1.23E-06	1.28E-01	1.10E-03	5.28E-01	2.91E-01	4.88E-04	2.88E-04	4.88E-04	4.92E-04	3.32E-01	0.00E+00	0.00E+00	0.00E+00	2.97E-01
FL113AC	2.24E-01	6.83E-01	-1.88E-01	5.84E-01	7.97E-09	0.00E+00	1.52E+03	8.91E-05	3.28E-02	3.81E-01	1.04E-01	1.16E-01	9.17E-07	5.38E-07	1.54E-01	6.40E-02	1.35E-01	4.14E-01	6.72E-01	3.47E-01	4.78E-04	9.81E-02	3.44E-07	1.23E-06	1.27E-01	1.10E-03	5.26E-01	2.91E-01	4.88E-04	2.88E-04	4.92E-04	3.34E-01	0.00E+00	0.00E+00	0.00E+00	2.97E-01	
FL114A	2.01E-01	6.47E-01	-1.78E-01	5.49E-01	4.08E-09	0.00E+00	1.56E+03	9.59E-05	3.10E-02	3.29E-01	1.04E-01	6.89E-07	6.73E-07	5.14E-07	1.55E-01	5.93E-02	1.36E-01	3.23E-01	6.19E-01	4.34E-01	4.48E-04	9.29E-02	4.93E-07	1.25E-06	1.18E-01	1.05E-03	5.21E-01	3.01E-01	4.88E-04	2.89E-04	4.88E-04	4.95E-04	3.48E-01	0.00E+00	0.00E+00	0.00E+00	2.69E-01
FL114AC	2.01E-01	6.46E-01</																																			

FL180A	8.07E-01	2.11E+02	1.04E+00	2.12E+02	0.00E+00	0.00E+00	2.33E+03	2.23E-04	1.26E-01	1.38E+00	3.02E-01	1.02E+01	8.77E-01	2.20E-06	1.93E+01	8.52E-02	5.30E-01	9.40E+00	2.11E+00	9.03E+00	1.50E+00	3.07E+01	7.82E-06	4.31E-09	5.00E+01	3.45E-03	1.48E+01	5.18E+01	1.50E+00	3.42E-04	1.50E+00	1.50E+00	6.68E+01	0.00E+00	0.00E+00	0.00E+00	9.04E+01
FL204B	8.60E-02	9.74E+00	-5.53E-01	1.02E+01	0.00E+00	0.00E+00	8.06E+02	3.33E-09	7.89E-03	8.23E-02	3.21E-02	8.28E+00	3.98E-01	1.08E-01	2.05E+01	2.78E-02	4.34E-02	1.12E-01	5.72E-02	3.99E+00	1.17E+04	2.87E+00	1.63E-06	3.70E-07	3.07E-02	1.23E-03	1.81E+00	1.43E+01	1.17E+04	7.40E-05	1.17E+04	1.17E+04	1.63E+01	0.00E+00	0.00E+00	0.00E+00	2.46E+00
FL209B	8.56E-02	1.44E+01	-8.99E-01	1.59E+01	0.00E+00	0.00E+00	1.40E+03	4.97E-05	1.19E-02	1.24E-01	4.80E-02	7.68E+00	4.33E-01	1.43E-01	2.11E+01	3.97E+02	8.22E-02	1.73E-01	8.03E-02	5.88E+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	5.98E-05	1.37E+04	1.37E+04	2.34E+01	0.00E+00	0.00E+00	0.00E+00	3.46E+00
FL213B	8.02E-02	1.54E+01	-8.03E-01	1.62E+01	0.00E+00	0.00E+00	1.29E+03	4.91E-09	1.24E-02	1.29E-01	5.18E-02	8.09E+00	4.37E-01	1.45E-07	2.11E+01	3.38E-02	7.02E-02	1.80E-01	8.49E-02	8.40E+00	1.58E+04	4.08E+00	2.87E-06	5.54E-07	4.89E-02	1.93E-03	1.04E+00	2.23E+01	1.58E+04	9.41E-05	1.58E+04	1.58E+04	2.43E+01	0.00E+00	0.00E+00	0.00E+00	3.84E+00
FL216B	1.56E-01	1.83E+01	-1.48E-01	1.92E+01	0.00E+00	0.00E+00	1.32E+03	5.37E-09	1.47E-02	1.53E-01	8.24E-02	8.99E+00	4.68E-01	1.60E-07	2.14E+01	3.38E-02	8.44E-02	1.92E-01	9.07E-02	7.73E+00	1.78E+04	4.67E+00	2.80E-06	6.47E-07	5.91E-02	2.28E-03	1.07E+00	2.64E+01	1.78E+04	1.78E+04	2.72E+01	0.00E+00	0.00E+00	0.00E+00	4.15E+00		
FL221B	1.30E-01	2.38E+01	-1.22E+00	2.01E+01	0.00E+00	0.00E+00	1.37E+03	6.80E-09	1.60E-02	2.00E-01	8.28E-02	9.59E+00	5.04E-01	1.96E-07	2.24E+01	3.74E-02	1.12E-01	2.54E-01	1.02E+01	1.00E+01	1.77E+04	5.23E+00	3.26E-06	8.23E-07	6.02E-02	2.85E-03	-7.61E-01	3.74E+01	1.77E+04	9.36E-05	1.77E+04	1.77E+04	5.96E+01	0.00E+00	0.00E+00	0.00E+00	5.26E+00
FL229B	2.74E-01	4.39E+01	-5.36E+00	4.83E+01	0.00E+00	0.00E+00	1.74E+03	1.43E-04	3.88E-02	4.03E-01	1.63E-01	1.37E+01	1.20E-08	3.01E-07	2.48E+01	3.87E-02	2.19E-01	3.88E-01	2.18E-01	1.93E+01	2.23E+04	7.83E+00	8.05E-06	1.58E-06	1.51E+01	6.19E-03	-1.53E+01	1.08E+02	2.23E+04	8.94E-05	2.23E+04	2.21E+04	9.18E+01	0.00E+00	0.00E+00	0.00E+00	9.30E+00
FL254B	5.06E-02	1.91E+01	-8.81E-01	1.04E+01	4.08E+00	0.00E+00	1.01E+03	4.79E-09	7.67E-03	8.12E-02	2.42E-02	8.88E+00	4.41E-01	1.30E-01	2.42E+01	2.36E+01	3.22E-02	1.20E-01	1.11E+01	4.81E+00	1.27E+04	3.58E+01	2.05E-06	4.03E-07	2.93E-02	1.67E-03	1.88E+00	1.02E+01	1.30E+04	8.37E-05	1.30E+04	1.41E+04	1.11E+01	0.00E+00	0.00E+00	0.00E+00	4.79E+00
FL259B	8.76E-02	1.97E+01	-8.33E-01	1.86E+01	4.08E+00	0.00E+00	1.40E+03	5.93E-09	1.20E-02	1.27E-01	3.84E-02	7.55E+00	4.33E-01	2.07E-07	2.53E+01	3.27E-01	5.12E-01	1.57E-01	1.43E+01	6.99E+00	1.42E+04	3.88E+01	2.69E-06	5.77E-07	4.77E-02	2.54E-03	1.59E+00	1.38E+01	1.43E+04	8.92E-05	1.43E+04	1.42E+04	1.71E+01	0.00E+00	0.00E+00	0.00E+00	5.89E+00
FL263B	1.22E-01	2.35E+01	-9.99E-01	2.05E+01	0.00E+00	0.00E+00	1.44E+03	2.17E-04	3.98E-02	1.73E-01	6.25E-02	8.95E+00	4.65E-01	2.08E-07	2.67E+01	3.86E+00	8.20E-02	1.90E+01	3.26E+01	9.15E+00	1.58E+04	4.93E+01	3.96E-06	7.70E-07	6.78E-02	3.59E-03	1.31E+00	2.73E+01	1.78E+04	9.02E-05	1.78E+04	1.58E+04	2.69E+01	0.00E+00	0.00E+00	0.00E+00	1.86E+01
FL266B	1.45E-01	2.79E+01	-8.17E-01	2.81E+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-01	2.33E-07	2.87E+01	3.48E+00	9.88E-02	2.03E-01	4.33E-01	1.08E+01	1.77E+04	4.93E+01	3.96E-06	9.14E-07	7.38E-02	4.26E-03	3.31E+00	2.73E+01	1.78E+04	9.02E-05	1.78E+04	1.78E+04	3.08E+01	0.00E+00	0.00E+00	0.00E+00	1.86E+01
FL271B	1.84E-01	3.34E+01	-9.02E-01	3.42E+01	0.00E+00	0.00E+00	1.41E+03	8.80E-09	2.54E-02	2.68E-01	1.04E-01	1.11E+01	9.73E-01	3.65E-07	2.71E+01	2.14E-01	1.41E-01	2.79E-01	1.59E-01	1.38E+01	1.73E+04	3.71E+01	5.77E-06	1.08E-06	1.03E-01	5.65E-03	1.03E+00	3.88E+01	1.73E+04	8.87E-05	1.73E+04	1.86E+04	3.98E+01	0.00E+00	0.00E+00	0.00E+00	6.03E+00
FL279B	3.16E-01	5.28E+01	-8.85E+00	5.77E+01	0.00E+00	0.00E+00	1.68E+03	1.49E-04	4.65E-02	4.74E-01	1.94E-01	1.61E+01	1.22E-08	5.96E-07	2.99E+01	2.48E-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	5.01E+00	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
FL300B	2.63E-01	5.47E+01	-8.81E-01	5.87E+01	2.99E-07	0.00E+00	7.58E+02	2.05E-04	4.12E-02	4.70E-01	1.22E-01	4.43E+01	2.26E-08	2.95E-06	2.93E+01	4.01E+00	1.64E-01	5.15E-01	3.22E-01	2.98E+01	6.48E+00	2.74E+01	9.81E-06	1.89E-06	1.69E-01	1.03E-02	5.45E+00	1.01E+01	6.81E+00	9.25E-04	6.81E+00	6.89E+00	4.87E+01	0.00E+00	0.00E+00	0.00E+00	1.36E+01
FL300BA	1.85E-01	3.40E+01	-8.18E-01	4.21E+01	9.25E-03	0.00E+00	3.72E+02	7.08E-05	1.27E-02	2.89E-01	9.12E-02	8.06E+00	4.65E-01	2.08E-07	4.18E+01	6.75E+00	1.79E-01	1.87E+01	1.85E+01	4.89E+00	8.91E-06	1.10E+01	1.07E+01	5.81E-06	1.10E+01	4.89E+00	1.18E+03	4.32E+01	6.81E+00	1.18E+03	1.18E+03	1.45E+03	8.38E+01	0.00E+00	0.00E+00	0.00E+00	7.46E+00
FL301B	3.78E-01	6.39E+01	-1.53E+00	6.50E+01	0.00E+00	0.00E+00	1.27E+04	3.40E-04	4.97E-02	5.18E-01	1.70E-01	5.21E+01	1.50E-08	6.24E-08	3.85E+01	3.94E+00	2.30E-01	5.52E-01	4.08E-01	2.82E+01	8.03E+00	3.73E+01	1.33E+00	2.91E-06	1.94E-01	1.24E-02	6.07E+00	6.37E+01	6.03E+00	1.05E-02	6.03E+00	6.03E+00	6.98E+01	0.00E+00	0.00E+00	0.00E+00	1.74E+01
FL301BA	2.43E-01	4.31E+01	-9.93E-01	4.58E+01	4.08E+00	0.00E+00	3.85E+02	7.62E-05	3.25E-02	3.88E-01	1.12E-01	1.37E+01	8.97E-07	2.79E-07	1.48E+01	6.31E+02	1.51E-01	1.77E-01	2.07E+01	1.08E+01	1.18E+03	4.51E+00	7.62E-06	1.28E-06	1.43E+01	4.18E-03	-5.03E-01	4.82E+01	1.19E+03	7.82E-05	1.19E+03	1.40E+03	4.32E+01	0.00E+00	0.00E+00	0.00E+00	8.12E+00
FL302B	4.77E-01	8.18E+01	-7.93E-01	8.17E+01	0.00E+00	0.00E+00	1.28E+04	3.48E-04	6.13E-02	6.43E-01	2.20E-01	6.02E+01	1.54E-08	6.33E-08	3.87E+01	4.07E+00	2.98E-01	6.28E-01	4.73E-01	3.47E+01	7.27E+00	4.08E+01	1.71E+00	5.32E-06	2.46E-01	1.43E-02	7.73E+00	6.88E+01	7.27E+00	1.09E-03	7.27E+00	7.27E+00	7.85E+01	0.00E+00	0.00E+00	0.00E+00	2.03E+01
FL302BA	2.39E-01	3.99E+01	-1.73E+00	4.19E+01	0.00E+00	0.00E+00	3.85E+02	7.09E-09	3.32E-02	3.39E-01	1.46E-01	1.68E+01	5.42E-07	2.12E-07	1.41E+01	4.71E+02	2.91E-01	1.73E-01	1.72E+01	1.77E+01	8.62E+00	5.18E+00	8.05E-06	1.42E-06	1.91E+01	5.11E-03	-9.04E-01	6.18E+01	8.87E+00	3.41E-05	8.87E+00	9.26E-02	6.97E+01	0.00E+00	0.00E+00	0.00E+00	7.97E+00
FL305B	2.67E-01	6.94E+01	-1.18E-01	6.91E+01	3.24E-07	0.00E+00	9.94E+03	2.65E-04	4.22E-02	4.21E-01	1.30E-01	8.87E+01	2.48E+06	3.29E-08	3.43E+01	4.32E+00	1.87E-01	9.40E-01	1.62E+01	3.72E+01	2.23E+00	6.77E+01	9.41E-06	1.89E-06	1.63E+01	1.14E-02	4.97E+00	5.41E+01	6.89E+00	9.78E-04	6.89E+00	7.03E+00	9.96E+01	0.00E+00	0.00E+00	0.00E+00	1.64E+01
FL305BA	2.38E-01	3.93E+01	-9.29E-01	4.08E+01	4.08E+00	0.00E+00	3.85E+02	7.56E-09	3.39E-02	3.44E-01	1.11E-01	1.63E+01	8.91E-07	2.79E-07	1.48E+01	6.32E-02	1.49E-01	1.80E-01	2.03E-01	1.69E+01	1.18E+03	4.51E+00	7.78E-06	1.29E-06	1.31E+01	4.89E-03	-4.87E-01	4.72E+01	1.18E+00	8.98E-05	1.18E+00	1.40E+00	4.42E+01	0.00E+00	0.00E+00	0.00E+00	8.20E+00
FL306B	4.80E-01	8.49E+01	-1.74E+00	8.62E+01	0.00E+00	0.00E+00	1.28E+04	3.81E-04	4.48E-02	6.79E-01	2.25E-01	5.92E+01	2.11E-08	6.42E-08	4.58E+01	4.08E+00	3.94E-01	1.02E+00	5.29E+01	3.41E+01	7.07E+00	4.08E+01	1.83E-05	3.51E-06	2.58E+01	1.42E-02	8.08E+00	7.97E+01	7.07E+00	1.18E-03	7.07E+00	7.07E+00	8.58E+01	0.00E+00	0.00E+00	0.00E+00	2.38E+01
FL306BA	2.54E-01	3.99E+01	-2.78E+00	4.28E+01	0.00E+00	0.00E+00	4.10E+02	8.18E-09	3.37E-02	3.48E-01	1.43E-01	1.64E+01	6.38E-07	2.13E-07	1.44E+01	4.01E+02	3.19E-01	1.68E-01	1.71E+01	1.72E+01	8.82E+00	5.91E+00	7.98E-06	1.43E-06	1.94E+01	1.39E-03	-3.30E-01	7.18E+01	8.87E+00	9.35E-02	8.87E+00	9.35E+00	6.83E+01	0.00E+00	0.00E+00	0.00E+00	7.30E+00
FL307B	6.05E-01	1.04E+02	-1.92E+01	1.05E+02	0.00E+00	0.00E+00	1.30E+04	3.70E-04	3.77E-02	6.13E-01	2.82E-01	1.79E+01	2.15E-08	6.52E-08	7.46E+01	5.41E+00	3.82E-01	1.10E+00	6.06E+01	4.15E+00	8.43E+00	1.42E+00	1.83E-06	4.18E-06	1.31E+01	1.64E-02	7.85E+00	6.18E+01	8.81E+00	1.19E+03	8.81E+00	8.81E+00	2.52E+01	0.00E+00	0.00E+00	0.00E+00	2.36E+01
FL307BA	2.92E-01	4.88E+01	-3.10E+00	4.90E+01	0.00E+00	0.00E+00	4.72E+02	8.59E-05	3.75E-02	4.11E-01	1.62E-01	1.96E+01	6.87E-07	2.98E-07	1.50E+01	4.10E-02	2.47E-01	2.12E-01	2.08E-01	2.17E+01	1.05E+03	6.19E+00	8.79E-06	1.72E-06	1.69E+01	6.24E-03	2.89E+00	7.55E+01	1.08E+00	2.59E-05	1.08E+00	1.13E+00	1.29E+01	0.00E+00	0.00E+00	0.00E+00	

	FL354BA	6.27E-01	1.11E+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	3.00E-01	4.15E+01	8.53E-07	6.34E-07	2.00E+01	9.18E-02	4.18E+01	1.70E+00	5.73E-01	3.30E+01	3.81E+03	1.17E+01	1.64E+05	3.55E+00	3.22E-01	1.03E+02	4.35E+00	9.74E+01	3.62E+03	5.19E-04	3.63E+03	3.73E+03	1.02E+02	0.00E+00	0.00E+00	0.00E+00	2.46E+01
	FL356B	7.13E-01	1.30E+02	2.21E+00	1.34E+02	8.81E-07	0.00E+00	1.30E+04	4.03E-04	1.03E-01	1.11E+02	3.24E-01	8.79E+01	2.85E+00	6.21E+00	8.21E+01	6.40E+02	4.37E-01	2.11E+00	7.73E-01	4.30E+01	9.92E+05	3.99E+01	1.91E+05	4.33E+00	3.97E-01	1.78E+02	3.88E+00	8.88E+01	1.00E+06	1.48E+02	1.00E+06	8.82E+05	1.08E+02	0.00E+00	0.00E+00	0.00E+00	3.29E+01
	FL356BA	5.02E-01	9.70E+01	1.30E+00	9.90E+01	0.00E+00	0.00E+00	8.08E+02	1.28E-04	7.03E+02	7.30E-01	2.91E-01	3.89E+01	8.36E-07	5.77E-07	1.88E+01	9.06E+02	3.94E-01	1.88E+00	5.36E-01	3.00E+01	3.34E+03	1.12E+01	1.41E+05	3.12E+00	2.86E+01	8.90E+03	4.15E+00	9.57E+01	3.33E+03	5.24E-04	3.33E+03	3.45E+03	9.98E+01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
	FL358B	7.08E-01	1.38E+02	5.72E-01	1.34E+02	8.89E-07	0.00E+00	1.27E+04	3.70E-04	1.04E-01	1.11E+02	3.35E-01	6.33E+01	2.84E+00	6.14E+00	5.73E+01	5.81E+00	4.59E-01	2.08E+00	7.19E-01	4.21E+01	9.31E+05	3.89E+01	1.90E+05	4.18E+00	3.97E-01	1.86E+02	1.08E+01	9.73E+01	9.33E+03	1.41E+02	9.13E+03	8.84E+05	6.99E+01	0.00E+00	0.00E+00	0.00E+00	3.12E+01
	FL358BA	5.61E-01	1.10E+02	1.68E+00	1.09E+02	0.00E+00	0.00E+00	8.67E+02	1.03E-04	7.33E+02	6.07E-01	3.10E-01	6.27E+01	6.31E-07	6.31E-07	1.93E+01	9.35E+02	4.33E-01	1.71E+00	5.71E-01	3.46E+01	3.78E+01	1.65E+05	3.43E+00	3.15E-01	9.70E+03	1.04E+01	5.73E+01	9.33E+03	5.12E+04	3.38E+03	3.87E+03	8.43E+01	0.00E+00	0.00E+00	0.00E+00	3.40E+01	
	FL360B	7.16E-01	1.32E+02	1.62E+00	1.34E+02	8.81E-07	0.00E+00	2.00E+03	4.08E-04	1.04E-01	1.12E+02	3.24E-01	8.99E+01	2.86E+00	6.42E+00	5.76E+01	6.40E+02	4.37E-01	2.11E+00	7.76E-01	4.30E+01	1.07E+05	4.84E+01	1.91E+05	4.33E+00	3.97E-01	1.81E+02	1.04E+01	9.87E+01	1.00E+06	1.48E+02	1.00E+06	9.11E+05	1.07E+02	0.00E+00	0.00E+00	0.00E+00	3.30E+01
	FL360BA	8.63E-01	1.08E+02	4.88E-01	1.05E+02	9.24E-09	0.00E+00	7.68E+02	1.13E-04	7.47E+02	7.80E-01	3.08E-01	3.47E+01	1.72E+00	9.88E-07	2.28E+01	1.98E+01	4.21E-01	1.65E+00	8.46E-01	3.18E+01	3.27E+03	1.97E+01	1.37E+05	3.43E+00	3.15E-01	8.37E+03	6.02E+00	5.67E+01	3.17E+03	4.92E-04	3.17E+03	3.28E+03	7.12E+01	0.00E+00	0.00E+00	0.00E+00	2.28E+01
	FL362B	7.10E-01	1.38E+02	1.43E+01	1.34E+02	8.89E-07	0.00E+00	1.27E+04	3.85E-04	1.05E-01	1.12E+02	3.33E-01	6.79E+01	2.76E+00	6.48E+00	6.51E+03	6.44E+00	4.52E-01	2.07E+00	7.37E-01	4.25E+01	1.01E+00	4.71E+01	2.94E+05	4.27E+00	3.97E+01	1.83E+02	1.08E+01	9.76E+01	1.00E+06	1.47E+02	1.00E+06	8.86E+05	7.38E+01	0.00E+00	0.00E+00	0.00E+00	3.21E+01
	FL362BA	8.21E-01	1.18E+02	4.23E-01	1.15E+02	8.24E+00	0.00E+00	8.48E+02	1.12E-04	8.41E+02	8.82E-01	3.22E-01	3.58E+01	1.72E+00	1.03E+00	2.25E+01	2.03E+01	4.40E-01	1.68E+00	5.58E+01	3.34E+01	3.32E+03	1.10E+01	1.65E+05	3.64E+00	3.39E-01	8.93E+03	8.18E+01	1.00E+06	5.01E-04	4.00E+03	3.29E+03	7.18E+01	0.00E+00	0.00E+00	0.00E+00	2.38E+01	
	FL364B	7.12E-01	1.38E+02	1.27E+01	1.34E+02	8.87E-07	0.00E+00	1.12E+04	3.85E-04	1.05E-01	1.12E+02	3.33E-01	6.83E+01	2.76E+00	6.48E+00	6.51E+03	6.44E+00	4.52E-01	2.07E+00	7.37E-01	4.25E+01	1.01E+00	4.71E+01	2.94E+05	4.27E+00	3.97E+01	1.83E+02	1.08E+01	9.76E+01	1.00E+06	1.47E+02	1.00E+06	8.86E+05	7.38E+01	0.00E+00	0.00E+00	0.00E+00	3.28E+01
	FL364BA	7.01E-01	1.35E+02	4.13E-01	1.24E+02	8.24E+00	0.00E+00	8.39E+02	1.24E-04	1.02E-01	1.07E+02	3.25E-01	3.68E+01	1.72E+00	1.05E+00	2.53E+01	2.05E-01	4.44E-01	1.65E+00	5.92E-01	3.43E+01	9.97E+03	1.10E+01	1.81E+05	3.84E+00	3.87E-01	9.32E+03	8.44E+00	5.71E+01	9.57E+03	5.01E-04	5.87E+03	3.94E+03	7.21E+01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
	FL366B	7.12E-01	1.38E+02	1.63E+01	1.34E+02	8.89E-07	0.00E+00	1.27E+04	3.83E-04	1.05E-01	1.12E+02	3.33E-01	6.79E+01	2.75E+00	6.48E+00	6.51E+03	6.44E+00	4.52E-01	2.07E+00	7.37E-01	4.25E+01	1.01E+00	4.71E+01	2.94E+05	4.27E+00	3.97E-01	1.83E+02	1.08E+01	9.86E+01	1.00E+06	1.47E+02	1.00E+06	8.86E+05	7.38E+01	0.00E+00	0.00E+00	0.00E+00	3.21E+01
	FL366BA	7.01E-01	1.33E+02	4.13E-01	1.27E+02	9.24E+00	0.00E+00	8.39E+02	1.22E-04	1.01E-01	1.05E+02	3.24E-01	3.64E+01	1.72E+00	1.03E+00	2.35E+01	2.06E-01	4.43E-01	1.65E+00	5.89E-01	3.43E+01	4.77E+03	1.10E+01	1.72E+05	3.84E+00	3.87E+01	9.19E+03	8.43E+00	5.01E-04	4.94E+03	3.94E+03	7.21E+01	0.00E+00	0.00E+00	0.00E+00	2.47E+01		
	FL368B	7.09E-01	1.37E+02	2.28E+00	1.35E+02	8.81E-07	0.00E+00	1.30E+04	3.98E-04	1.03E-01	1.12E+02	3.25E-01	6.91E+01	2.85E+00	6.16E+00	6.12E+01	6.96E+02	4.55E-01	2.11E+00	7.82E-01	4.35E+01	1.04E+06	4.82E+01	2.02E+05	4.29E+00	3.96E-01	1.87E+02	3.64E+00	8.87E+01	1.00E+06	1.48E+02	1.00E+06	9.11E+05	1.02E+02	0.00E+00	0.00E+00	0.00E+00	3.32E+01
	FL368BA	6.97E-01	1.36E+02	1.43E+01	1.30E+02	8.87E+00	0.00E+00	1.10E+04	1.21E-04	1.07E+02	1.07E+02	3.24E-01	3.57E+01	1.75E+00	1.03E+00	2.56E+01	2.06E+01	4.40E-01	1.68E+00	5.87E+01	3.41E+01	3.36E+03	1.10E+01	1.65E+05	3.86E+00	3.87E-01	9.32E+03	8.44E+00	5.83E+01	9.57E+03	5.01E-04	5.84E+03	3.94E+03	7.21E+01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
	FL371A	3.96E+02	9.98E+00	3.27E-01	1.04E+01	8.92E+09	0.00E+00	2.21E+03	8.22E+05	4.91E+03	5.49E+02	1.13E+02	4.13E+00	4.80E+07	1.18E+00	1.47E+01	6.88E+01	1.44E+02	1.49E+01	1.42E+01	8.82E+00	7.60E+04	2.23E+01	1.36E+00	5.33E+07	2.13E+02	2.05E+03	3.56E+00	4.33E+00	9.88E+04	1.88E+04	8.88E+04	9.41E+04	4.95E+02	0.00E+00	0.00E+00	0.00E+00	5.84E+00
	FL372A	4.22E+02	1.08E+01	3.31E-01	1.52E+01	6.82E+09	0.00E+00	3.38E+03	9.21E+05	5.41E+03	5.89E+02	1.35E+02	3.78E+00	4.82E+07	1.21E+00	1.64E+01	7.88E+01	1.81E+02	4.68E+01	1.72E+01	7.08E+00	7.91E+04	2.83E+01	1.36E+00	5.66E+07	2.21E+02	2.38E+03	3.56E+00	5.22E+00	1.01E+05	1.88E+04	1.01E+05	9.41E+04	1.53E+02	0.00E+00	0.00E+00	0.00E+00	7.17E+00
	FL373A	4.30E+02	1.09E+01	3.43E-01	1.13E+01	2.93E+07	0.00E+00	3.38E+03	9.21E+05	5.48E+03	6.10E+02	1.42E+02	3.75E+00	5.66E+07	1.23E+00	1.64E+01	7.88E-01	1.89E+02	2.79E+01	1.68E-01	7.08E+00	7.89E+04	2.83E+01	1.35E+00	5.64E+07	2.23E+02	2.38E+03	3.53E+00	5.54E+00	1.01E+05	1.88E+04	1.01E+05	9.41E+04	1.53E+02	0.00E+00	0.00E+00	0.00E+00	7.03E+00
	FL374A	4.82E+02	1.20E+01	4.13E-01	1.27E+01	2.88E+07	0.00E+00	3.39E+03	9.39E+05	6.88E+03	6.87E+02	1.87E+02	3.55E+00	5.66E+07	1.21E+00	1.71E+01	7.88E-01	2.26E+02	8.32E+01	1.95E-01	7.07E+00	8.20E+04	2.83E+01	1.23E+00	5.72E+07	2.41E+02	2.37E+03	3.61E+00	6.22E+00	1.04E+05	2.88E+04	1.04E+05	9.41E+04	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.94E+00
	FL380AH	4.41E+02	1.08E+01	4.88E-01	2.10E+01	6.82E+09	0.00E+00	2.00E+03	7.93E+05	6.14E+03	6.88E+02	1.50E+02	3.76E+00	4.74E+01	1.17E+00	1.33E+01	6.84E-01	2.64E+02	1.34E+00	2.60E-01	6.44E+00	7.89E+04	2.77E+01	9.84E+07	5.67E+07	2.31E+02	1.78E+03	3.77E+00	5.80E+00	9.47E+05	2.75E+04	9.47E+04	8.99E+04	7.34E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+01
	FL380B	9.79E+02	1.83E+01	4.72E-01	1.88E+01	0.00E+00	0.00E+00	8.84E+03	1.28E-04	1.29E+02	1.34E+01	3.88E+02	1.94E+01	5.73E+07	3.79E+07	2.43E+01	2.98E+02	5.23E+02	1.37E+01	8.96E+02	9.37E+00	4.79E+05	1.88E+01	3.91E+00	9.93E+07	4.87E+02	5.08E+03	4.92E+00	1.55E+01	4.79E+05	2.75E+04	4.73E+05	4.73E+05	2.01E+01	0.00E+00	0.00E+00	0.00E+00	4.28E+00
	FL381AH	4.82E+02	1.09E+01	4.49E-01	1.12E+01	6.82E+09	0.00E+00	3.29E+03	8.85E+05	6.33E+03	6.93E+02	1.62E+02	3.42E+00	4.74E+01	1.21E+00	1.57E+01	7.48E+01	2.20E+02	1.15E+00	2.42E+01	6.97E+00	7.78E+04	2.81E+01	1.00E+00	5.88E+07	2.42E+02	2.94E+03	3.78E+00	6.30E+00	9.62E+04	2.83E+04	9.82E+04	8.93E+04	7.49E+00	0.00E+00	0.00E+00	0.00E+00	9.91E+00
	FL381B	1.23E+01	2.24E+01	7.23E-01	2.31E+01	0.00E+00	0.00E+00	1.05E+04	2.18E-04	1.75E+02	1.73E+01	5.81E+02	3.64E+01	8.74E+07	1.35E+00	2.87E+01	3.88E+02	5.92E+02	1.93E+01	1.51E+01	1.43E+01	6.02E+05	2.98E+01	1.93E+00	1.41E+00	6.44E+02	7.84E+03	3.53E+00	2.31E+01	6.02E+05	4.94E+04	6.12E+05	6.12E+05	2.84E+01	0.00E+00	0.00E+00	0.00E+00	6.47E+00
	FL382B	1.53E+01	2.71E+01	6.88E-01	2.17E+01	0.00E+00	0.00E+00	1.05E+04	2.29E-04	1.75E+02	2.18E+01	7.73E+02	3.64E+01	9.42E+07	1.35E+00	2.87E+01	3.88E+02	5.92E+02	2.05E+01	1.73E+01	1.65E+01	6.02E+05	2.98E+01	1.93E+00	1.41E+00	6.44E+02	7.84E+03	3.53E+00	2.31E+01	6.02E+05	4.94E+04	6.12E+05	6.12E+05	2.84E+01	0.00E+00	0.00E+00	0.00E+00	7.03E+00
	FL385B	9.92E+02	2.10E+01	7.97E-01	2.17E+01	3.26E+00	0.00E+00	7.37E+03	1.68E-04	1.54E+02	1.80E+01	5.01E+02	2.73E+01	8.11E+07	1.30E+00	2.93E+01	4.88E+00	8.82E+02	6.10E+01	2.02E+01	1.14E+01	5.57E+05	2.33E+01	3.31E+00	8.55E+07	5.94E+02	6.82E+03	4.77E+00	1.50E+01	3.88E+05	4.18E+04	5						

FL477A	4.67E-02	1.22E+01	4.38E-01	1.27E+01	6.74E-09	0.00E+00	7.88E-01	2.76E-05	6.06E-03	7.83E-02	2.06E-02	7.44E-01	2.63E-07	1.63E-07	7.75E+00	7.56E-03	2.78E-02	1.35E+00	2.26E-01	1.01E+00	2.20E+03	1.69E+00	1.00E-07	4.34E-07	2.64E-02	3.22E-04	-2.71E-01	7.13E+00	1.84E+03	3.49E-04	1.84E+03	2.27E+03	6.17E+00	0.00E+00	0.00E+00	0.00E+00	9.27E+00
FL478A	6.25E-02	3.21E+01	-1.86E+00	2.88E-01	3.93E-09	0.00E+00	1.39E+02	4.29E-05	1.02E-02	1.13E-01	3.52E-02	1.48E+00	3.80E-07	2.73E-07	6.91E+00	2.44E-02	4.93E-02	3.09E+00	4.98E-01	3.44E+00	1.97E+04	2.93E+00	2.50E-07	5.98E-07	3.79E-02	6.29E-04	-4.23E-01	4.31E+01	1.03E+04	3.81E-04	1.03E+04	9.40E+03	3.32E+01	0.00E+00	0.00E+00	0.00E+00	1.78E+01
FL479A	8.45E-02	1.98E+01	-3.98E-01	2.01E-01	6.74E-09	0.00E+00	7.88E-01	3.15E-05	1.31E-02	1.38E-01	2.89E-02	6.87E-01	2.48E-07	2.43E-07	6.70E+00	7.58E-03	3.89E-02	1.36E+00	2.41E-01	1.15E+00	2.38E+03	1.99E+00	1.05E-07	5.48E-07	4.82E-02	3.98E-04	3.11E-01	1.29E+01	2.08E+03	3.88E-04	2.08E+03	2.40E+03	1.32E+01	0.00E+00	0.00E+00	0.00E+00	1.94E+01
FL480A	8.79E-02	3.31E+01	-1.18E+00	3.31E+01	6.74E-09	0.00E+00	9.82E+01	3.18E-05	1.35E-02	1.43E-01	3.88E-02	8.48E-01	2.51E-07	2.75E-07	6.88E+00	7.70E-03	4.92E-02	2.82E+00	3.98E-01	1.18E+00	9.30E+03	2.04E+00	1.04E-07	5.48E-07	5.03E-02	3.99E-04	-2.95E-01	1.28E+01	2.87E+03	3.57E-04	8.38E+03	7.77E+03	1.43E+01	0.00E+00	0.00E+00	0.00E+00	1.68E+01
FL481A	1.36E-01	3.17E+01	-1.81E+00	5.18E-01	6.74E-09	0.00E+00	1.22E+02	7.18E-05	2.15E-02	2.31E-01	6.82E-02	5.32E-01	2.68E-07	3.44E-07	6.69E+00	5.24E-03	6.37E-02	5.16E+00	6.90E-01	1.22E+00	2.37E+04	3.04E+00	1.01E-07	7.98E-07	9.27E-02	6.88E-04	-3.48E-01	2.47E+01	2.27E+04	3.89E-04	2.27E+04	2.51E+04	3.12E+01	0.00E+00	0.00E+00	0.00E+00	3.69E+01
FL482A	1.36E-01	4.81E+01	7.24E+00	6.88E-01	6.83E-09	0.00E+00	1.61E+02	6.98E-05	1.80E-02	1.97E-01	6.25E-02	1.88E-01	3.44E-07	3.44E-07	6.69E+00	5.36E-03	8.67E-02	5.16E+00	6.90E-01	1.22E+00	2.37E+04	3.32E+00	1.01E-07	6.87E-07	6.69E-02	8.80E-05	5.80E+00	6.88E-01	2.29E-04	2.29E+04	2.92E+04	4.78E+01	0.00E+00	0.00E+00	0.00E+00	3.67E+01	
FL483A	1.45E-01	5.79E+01	-3.31E+00	3.62E+01	3.63E-09	0.00E+00	1.67E+02	9.81E-05	2.35E-02	2.47E-01	7.84E-02	1.84E+00	4.84E-07	3.88E-07	6.35E+00	4.38E-02	1.04E-01	6.95E+00	1.10E+00	4.14E+00	2.69E+04	3.42E+00	7.36E-07	9.95E-07	8.72E-02	9.37E-04	-6.43E+00	6.30E+01	2.53E+04	4.93E-04	2.52E+04	2.88E+04	5.28E+01	0.00E+00	0.00E+00	0.00E+00	4.71E+01
FL492A	3.48E-02	5.79E+00	-1.98E-01	6.07E+00	9.49E-09	0.00E+00	1.07E+02	3.33E-05	3.76E-03	4.18E-02	6.13E-03	3.99E+00	6.55E-07	1.63E-07	1.44E+01	5.92E-02	1.12E-02	5.51E-01	8.90E-02	1.74E+00	5.52E+03	1.32E+00	6.69E-07	3.95E-07	1.88E-02	7.46E-04	6.65E-01	2.78E+00	5.25E+03	1.00E-04	5.25E+03	5.46E+03	2.31E+00	0.00E+00	0.00E+00	0.00E+00	3.87E+00
FL493A	3.57E-02	7.27E+00	-2.09E-01	7.58E+00	9.49E-09	0.00E+00	1.13E+02	3.23E-05	4.41E-03	4.98E-02	6.48E-03	4.38E+00	6.43E-07	1.83E-07	1.44E+01	4.88E-02	1.32E-02	5.87E-01	1.14E-01	1.74E+00	5.57E+03	1.61E+00	4.47E-07	4.27E-07	1.87E-02	7.88E-04	7.03E-01	2.88E+00	5.23E+03	2.88E-04	5.23E+03	5.44E+03	3.51E+00	0.00E+00	0.00E+00	0.00E+00	5.07E+00
FL494A	3.42E-02	6.59E+00	-2.09E-01	7.58E+00	9.49E-09	0.00E+00	7.64E+01	2.54E-05	4.03E-03	4.57E-02	6.29E-03	4.38E+00	6.17E-07	2.03E-07	1.16E+01	5.15E-02	1.18E-02	6.15E-01	1.08E-01	1.39E+00	5.55E+03	1.29E+00	6.81E-07	4.01E-07	1.73E-02	5.14E-04	9.39E-01	2.88E+00	5.23E+03	2.88E-04	5.23E+03	5.46E+03	3.58E+00	0.00E+00	0.00E+00	0.00E+00	4.88E+00
FL495A	3.48E-02	6.81E+00	-2.67E-01	7.18E+00	9.49E-09	0.00E+00	7.84E+01	2.48E-05	3.98E-03	4.73E-02	6.26E-03	1.54E+00	3.18E-07	1.77E-07	6.88E+00	9.32E-03	1.14E-02	1.10E+00	1.73E-01	8.07E-01	6.17E+03	1.48E+00	1.87E-07	4.08E-07	1.74E-02	2.36E-04	9.39E-02	2.94E+00	5.87E+03	2.73E-04	5.87E+03	6.02E+03	3.57E+00	0.00E+00	0.00E+00	0.00E+00	7.13E+00
FL498A	3.52E-02	6.88E+00	-2.42E-01	6.79E+00	9.49E-09	0.00E+00	1.27E+02	3.29E-05	4.19E-03	4.69E-02	6.33E-03	3.99E+00	6.55E-07	1.99E-07	1.44E+01	5.14E-02	1.16E-02	1.08E+00	1.79E-01	1.22E+00	6.17E+03	2.09E+00	6.91E-07	4.12E-07	1.84E-02	6.75E-04	9.81E-01	3.53E+00	5.88E+03	2.97E-04	5.88E+03	6.04E+03	3.24E+00	0.00E+00	0.00E+00	0.00E+00	7.40E+00
FL500A	3.57E-02	6.50E+00	-6.78E-02	7.41E+00	7.33E-09	0.00E+00	1.12E+02	3.70E-05	3.87E-03	4.23E-02	6.98E-03	6.97E+00	1.34E-06	1.45E-07	1.27E+01	6.15E-02	1.10E-02	9.95E-02	1.18E-01	3.08E+00	6.69E+03	1.40E+00	8.16E-07	4.30E-07	1.73E-02	6.91E-04	7.91E-01	3.29E+00	5.38E+03	1.34E-04	5.38E+03	5.50E+03	2.96E+00	0.00E+00	0.00E+00	0.00E+00	4.29E+00
FL500B	2.63E-01	5.38E+01	-7.52E-01	3.78E+01	2.91E-07	0.00E+00	7.54E+02	2.03E-04	4.15E-02	4.09E-01	1.26E-01	4.59E+01	2.29E-08	3.04E-08	2.87E+01	1.49E+01	1.62E-01	4.99E+01	3.23E-01	2.09E+00	6.99E+05	4.19E+00	9.16E-08	1.83E-08	1.59E-01	1.04E-02	9.05E-00	6.09E+01	6.64E+05	6.94E+05	7.02E+05	4.73E+01	0.00E+00	0.00E+00	0.00E+00	1.36E+01	
FL500E	4.76E-02	1.00E+01	-6.81E-01	6.91E-07	4.80E+00	0.00E+00	6.91E+02	1.39E-05	6.95E-02	6.91E+02	1.78E-02	1.11E+00	1.34E+00	1.45E+00	1.46E+01	1.04E+01	3.80E+02	1.06E+01	1.27E+01	3.60E+02	1.78E+06	1.78E+00	6.81E-07	4.58E-07	2.64E-02	7.59E-04	5.09E+00	7.78E+01	6.54E+05	1.43E-04	5.90E+05	6.46E+05	4.80E+00	0.00E+00	0.00E+00	0.00E+00	4.71E+00
FL501A	3.81E-02	7.02E+00	-6.09E-02	8.14E+00	7.39E-09	0.00E+00	1.08E+02	3.99E-05	4.01E-03	4.58E-02	9.12E-03	6.27E+00	1.34E-08	1.93E-07	1.25E+01	1.01E-01	1.17E-02	9.68E-02	1.23E-01	3.12E+00	5.72E+03	1.63E+00	6.03E-07	4.38E-07	1.89E-02	7.36E-04	7.29E-01	3.37E+00	5.49E+03	1.38E-04	5.49E+03	5.52E+03	2.99E+00	0.00E+00	0.00E+00	0.00E+00	4.32E+00
FL501B	2.71E-01	5.93E+01	-1.10E-01	6.94E+01	5.91E-07	0.00E+00	1.18E+04	3.18E-04	4.35E-02	4.32E-01	1.50E-01	5.31E+01	2.89E-08	5.24E-08	3.58E+01	4.57E+00	2.02E-01	5.05E-01	3.16E-01	2.13E+01	7.06E+05	5.38E+01	9.86E-08	1.92E-08	1.71E+01	1.28E-02	9.02E+00	5.36E+01	7.04E+05	6.88E-04	7.04E+05	7.28E+05	6.02E+01	0.00E+00	0.00E+00	0.00E+00	1.40E+01
FL501E	8.82E-02	1.88E+01	-6.42E-01	1.95E+01	4.59E-09	0.00E+00	8.50E+01	3.48E-05	1.35E-02	1.43E-01	4.43E-02	4.19E+00	1.73E-06	2.98E-07	9.09E+00	4.69E-02	6.04E-02	1.11E+00	2.21E-01	1.59E+00	1.43E+03	7.87E+00	2.98E-07	6.18E-07	5.08E-02	6.78E-04	-3.44E-01	1.19E+01	1.33E+03	3.08E-04	1.33E+03	1.45E+03	1.51E+01	0.00E+00	0.00E+00	0.00E+00	9.57E+00
FL502A	3.57E-02	6.57E+00	-5.78E-02	7.51E+00	7.35E-09	0.00E+00	1.08E+02	3.59E-05	3.88E-03	4.27E-02	6.81E-03	6.27E+00	1.34E-08	2.93E-07	1.25E+01	1.01E-01	1.12E-02	9.68E-02	1.18E-01	3.09E+00	5.69E+05	1.62E+00	6.03E-07	4.32E-07	1.73E-02	7.36E-04	7.29E-01	3.23E+00	5.49E+03	1.33E-04	5.49E+03	5.59E+03	2.87E+00	0.00E+00	0.00E+00	0.00E+00	4.29E+00
FL502B	4.36E-01	6.08E+01	-6.44E-01	6.91E-07	4.80E+00	0.00E+00	1.20E+04	3.20E-04	6.07E-02	6.33E-01	2.21E-01	5.86E+01	2.51E-08	5.05E-08	3.88E+01	4.29E+00	2.99E-01	5.02E-01	3.24E+01	3.48E+01	5.47E+01	1.52E+05	3.04E-08	2.42E-01	1.35E-02	9.04E-00	6.28E+01	5.74E+05	6.78E+06	7.28E+06	8.40E+06	6.28E+01	0.00E+00	0.00E+00	0.00E+00	1.87E+01	
FL502E	8.82E-02	1.98E+01	-6.93E-01	2.02E+01	4.68E-09	0.00E+00	7.42E+01	3.08E-05	1.32E-02	1.39E-01	2.92E-02	8.12E-01	2.07E-07	2.45E-07	9.97E+00	7.49E-03	3.92E-02	1.40E+00	2.74E-01	1.12E+00	4.89E+03	1.92E+00	9.06E-08	5.93E-07	4.89E-02	3.97E-04	-4.34E-01	1.10E+01	4.93E+03	3.24E-04	4.93E+03	5.25E+03	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.12E+01
FL503A	3.57E-02	6.88E+00	-6.78E-02	7.58E+00	7.33E-09	0.00E+00	1.18E+02	3.79E-05	3.88E-03	4.23E-02	6.70E-03	6.17E+00	1.34E-08	1.45E-07	1.34E+01	1.01E+01	1.13E-02	9.89E-02	1.18E-01	3.08E+00	6.69E+03	1.79E+00	8.03E-07	4.33E-07	1.73E-02	7.41E-04	7.91E-01	3.29E+00	5.43E+03	1.33E-04	5.43E+03	5.50E+03	2.98E+00	0.00E+00	0.00E+00	0.00E+00	4.29E+00
FL505B	2.88E-01	5.98E+01	-8.99E-01	6.29E+01	3.24E-07	0.00E+00	9.30E+03	2.88E-04	4.22E-02	4.20E-01	1.36E-01	5.91E+01	2.51E-08	3.73E-08	3.83E+01	4.29E+00	1.87E-01	9.58E-01	3.81E-01	2.33E+01	6.99E+05	4.34E+01	1.00E+00	1.91E-06	1.62E-01	1.23E-02	4.99E+00	5.51E+01	7.91E+05	9.93E-04	7.91E+05	7.42E+05	6.04E+01	0.00E+00	0.00E+00	0.00E+00	1.71E+01
FL506B	4.46E-01	8.00E+01	-9.43E-01	9.70E+01	6.03E-07	0.00E+00	1.29E+04	3.28E-04	4.65E-02	4.38E-01	2.22E-01	6.88E+01	2.63E-08	5.51E-08	4.97E+00	4.87E+00	3.95E-01	9.58E-01	4.24E+01	3.11E+01	7.07E+05	1.38E+00	3.02E-06	2.41E-01	1.36E-02	9.27E-00	5.78E+01	7.01E+05	9.47E-04	7.01E+05	7.14E+05	6.71E+01	0.00E+00	0.00E+00	0.00E+00	1.86E+01	
FL507B	5.31E-01	9.45E+01	-4.37E-01	6.95E-07	0.00E+00	1.22E+04	3.35E-04	1.24E-02	7.48E-01	2.47E-01	5.88E+01	2.65E-08	5.73E-08	4.12E+01	4.93E+00	3.36E-01	5.35E-01	4.88E-01	3.78E+01	6.27E+05	9.93E+01	1.66E-05	3.43E-08	3.08E-01	3.08E-01	1.38E-02	7.98E+00	5.78E+01	8.02E+05	9.72E-04	8.02E+05	8.83E+05	6.71E+01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
FL510B	4.36E-01	6.33E-01</																																			

FL610E	3.87E+2	8.99E+0	-3.84E-01	9.05E+0	9.49E-0	0.00E+0	8.95E+01	3.51E-0	5.15E+3	5.72E-2	1.15E-2	5.45E+0	4.02E-01	2.07E-01	8.90E+0	2.75E-2	1.52E-2	1.29E+0	2.16E-01	1.16E+0	8.83E+3	1.48E+0	1.83E-01	4.59E-07	2.03E-2	4.44E-04	4.51E-01	4.10E+0	6.43E+3	3.22E-04	6.43E+3	6.65E+3	5.83E+0	0.00E+0	0.00E+0	0.00E+0	8.89E+0
FL620E	3.91E+2	9.02E+0	-3.84E-01	9.70E+0	9.49E-0	0.00E+0	8.30E+01	3.51E-0	5.37E+3	5.81E-2	1.17E-2	5.45E+0	4.02E-01	2.07E-01	8.90E+0	2.75E-2	1.54E-2	1.29E+0	2.16E-01	1.16E+0	8.83E+3	1.48E+0	1.83E-01	4.61E-07	2.06E-2	4.44E-04	4.51E-01	4.10E+0	6.43E+3	3.22E-04	6.43E+3	6.65E+3	5.83E+0	0.00E+0	0.00E+0	0.00E+0	8.89E+0
FL630E	4.46E+2	1.11E+01	-7.75E-01	1.20E+01	9.49E-0	0.00E+0	7.48E+01	3.48E-0	8.95E+3	6.38E-2	1.38E-2	4.98E+0	4.13E-01	2.15E-01	9.38E+0	2.71E-2	1.86E-2	1.35E+0	2.32E-01	1.17E+0	7.19E+3	1.58E+0	1.48E-01	4.69E-07	2.28E-2	4.39E-04	4.08E-01	4.77E+0	6.48E+3	3.33E-04	6.48E+3	6.85E+3	5.38E+0	0.00E+0	0.00E+0	0.00E+0	9.42E+0
FL640E	4.75E+2	1.23E+01	-8.37E-01	1.31E+01	9.49E-0	0.00E+0	8.91E+01	3.57E-0	8.99E+3	7.83E-2	1.98E-2	4.73E+0	4.13E-01	1.73E-01	9.37E+0	2.80E-2	1.72E-2	1.35E+0	2.37E-01	1.27E+0	7.19E+3	1.58E+0	1.48E-01	4.62E-07	2.62E-2	4.30E-04	3.30E-01	6.77E+0	6.48E+3	3.36E-04	6.48E+3	6.88E+3	8.27E+0	0.00E+0	0.00E+0	0.00E+0	9.59E+0
FL643A	4.12E+2	9.83E+0	-2.88E-01	1.02E+01	2.90E-07	0.00E+0	3.40E+03	8.93E-0	9.72E+0	6.09E-2	1.34E-2	1.20E+01	9.31E-01	1.22E-06	2.01E+01	7.60E-01	2.78E-2	4.33E-01	1.30E-01	6.80E+0	8.48E+04	3.04E+01	1.46E-06	6.13E-07	2.22E-2	4.50E-04	3.32E+00	4.70E+00	8.81E+01	2.01E+04	8.67E+04	7.98E+04	5.48E+00	0.00E+0	0.00E+0	0.00E+0	5.06E+0
FL644A	5.16E+2	1.30E+01	-3.36E-01	1.37E+01	2.90E-07	0.00E+0	3.40E+03	8.99E-0	9.70E+0	6.19E-2	1.20E-2	1.20E+01	9.31E-01	1.22E-06	2.01E+01	7.60E-01	2.68E-2	4.33E-01	1.48E-01	6.99E+0	8.48E+04	3.04E+01	1.46E-06	6.37E-07	2.30E-2	2.87E-04	3.32E+00	4.71E+00	8.82E+01	2.18E+04	8.62E+04	7.97E+04	8.84E+00	0.00E+0	0.00E+0	0.00E+0	5.06E+0
FL645A	4.90E+2	1.19E+01	-3.12E-01	1.19E+01	2.99E-07	0.00E+0	3.40E+03	8.83E-0	8.69E+3	6.90E-2	1.88E-2	1.19E+01	9.31E-01	1.22E-06	2.08E+01	7.80E-01	2.19E-2	4.42E-01	1.40E-01	6.97E+0	8.49E+04	3.08E+01	1.46E-06	6.19E-07	2.49E-2	2.96E-04	3.43E+00	6.94E+00	8.62E+01	2.09E+04	8.62E+04	7.98E+04	8.72E+00	0.00E+0	0.00E+0	0.00E+0	5.76E+0
FL646A	5.84E+2	1.48E+01	-4.71E-01	1.54E+01	2.84E-07	0.00E+0	3.40E+03	9.53E-0	9.00E+3	9.62E-2	2.73E-2	1.16E+01	8.86E-01	1.23E-06	2.01E+01	7.72E+01	3.67E-2	4.64E-01	1.50E-01	7.90E+0	8.63E+04	3.18E+01	1.54E-06	6.57E-07	3.48E-2	2.55E-04	4.04E+00	1.40E+01	8.70E+01	2.18E+04	8.70E+04	7.95E+04	1.38E+01	0.00E+0	0.00E+0	0.00E+0	6.44E+0
FL647A	6.42E+2	1.49E+01	-5.82E-01	1.53E+01	2.84E-07	0.00E+0	3.41E+03	9.57E-0	9.38E+3	9.89E-2	2.39E-2	1.17E+01	8.80E-01	1.23E-06	2.01E+01	8.74E+01	4.37E-2	4.73E-01	1.61E-01	8.37E+0	8.87E+04	3.18E+01	2.14E-06	7.99E-07	3.59E-2	2.77E-04	4.04E+00	1.43E+01	8.82E+01	2.17E+04	8.82E+04	8.80E+04	1.44E+01	0.00E+0	0.00E+0	0.00E+0	6.71E+0
FL649A	5.16E+2	1.26E+01	-4.95E-01	1.37E+01	2.90E-07	0.00E+0	3.39E+03	8.92E+3	9.50E+0	6.29E-2	1.16E+01	8.74E+01	9.22E-06	2.01E+01	7.58E+01	7.27E+00	5.96E+0	3.07E+01	1.54E+01	6.97E+0	8.48E+04	3.07E+01	1.45E-06	6.37E-07	3.00E-2	2.72E-04	3.36E+00	9.83E+00	8.62E+01	2.11E+04	8.62E+04	7.97E+04	1.00E+01	0.00E+0	0.00E+0	0.00E+0	6.14E+0
FL672E	1.84E+2	3.52E+0	-2.71E-2	3.55E+0	0.00E+0	0.00E+0	6.74E+0	2.90E-8	2.00E+3	2.19E-2	4.26E+3	1.62E+0	2.47E-01	5.43E-08	4.78E+0	6.74E+3	5.78E+3	2.31E-01	3.22E-2	1.25E-01	3.23E+02	5.04E-01	1.41E-08	7.49E-08	7.90E+3	3.59E+3	1.54E+00	6.47E+01	2.33E+02	5.91E+03	2.33E+02	2.35E+02	2.20E+00	0.00E+0	0.00E+0	0.00E+0	1.38E+0
FL701L	5.34E+2	1.58E+01	-9.35E-01	1.67E+01	4.08E-09	0.00E+0	1.07E+03	4.93E-0	9.03E+0	9.73E-2	2.47E-2	8.99E+0	4.58E-07	3.09E-01	1.91E+01	4.19E-02	3.31E-2	1.32E+0	2.83E-01	2.73E+00	3.22E+04	7.32E+0	4.13E-07	5.32E-07	3.17E-2	8.40E-04	1.79E+00	1.07E+01	3.48E+04	2.90E+04	3.48E+04	3.37E+04	1.11E+01	0.00E+0	0.00E+0	0.00E+0	1.30E+01
FL702L	9.87E+2	2.96E+01	-1.11E+00	2.86E+01	9.60E-10	0.00E+0	1.00E+03	5.81E-0	1.58E+02	1.67E-01	4.46E-2	8.99E+00	4.31E-01	3.36E-07	1.62E+00	4.02E-02	6.84E-2	1.36E+00	3.06E-01	3.14E+00	3.32E+04	7.34E+00	3.87E-07	6.69E-07	5.69E-2	8.66E-04	1.81E+00	1.80E+01	3.42E+04	3.00E+04	3.42E+04	3.33E+04	2.07E+01	0.00E+0	0.00E+0	0.00E+0	1.34E+01
FL703L	9.81E+2	2.91E+01	-1.12E+00	2.73E+01	4.08E-09	0.00E+0	1.01E+03	5.69E-0	1.59E+02	1.71E-01	4.78E-2	7.81E+00	4.59E-07	3.37E-07	1.84E+01	4.02E-02	6.84E-2	1.35E+00	2.97E-01	3.19E+00	3.33E+04	7.36E+00	4.13E-07	6.64E-07	5.79E+02	8.60E-04	1.88E+00	1.47E+01	3.42E+04	3.00E+04	3.48E+04	3.37E+04	2.09E+01	0.00E+0	0.00E+0	0.00E+0	1.30E+01
FL706L	1.64E+1	3.37E+01	-4.57E-01	3.39E+01	9.65E-07	0.00E+0	5.647E+05	6.47E+05	5.06E+07	2.16E-01	5.34E-02	5.06E+07	2.98E-07	1.67E+01	3.84E-02	8.49E-02	3.36E+01	2.91E+00	6.80E+00	3.36E+01	3.18E+01	3.18E+01	3.18E+01	3.18E+01	7.08E-07	7.44E-02	9.40E+00	6.27E+01	3.20E+04	2.80E+04	3.20E+04	3.20E+04	2.56E+01	0.00E+0	0.00E+0	0.00E+0	1.44E+01
FL707L	1.21E+01	3.41E+01	-1.51E+00	3.56E+01	0.00E+0	0.00E+0	9.61E+02	6.89E+05	2.10E+02	2.22E-01	6.43E-02	6.91E+01	5.12E-07	3.12E-07	1.87E+01	4.08E-02	8.71E-02	1.33E+00	3.54E-01	2.88E+00	3.97E+04	6.93E+00	4.94E-07	7.42E-07	7.88E-2	8.17E-04	3.55E+00	2.27E+01	3.97E+04	2.88E+04	3.97E+04	3.97E+04	2.62E+01	0.00E+0	0.00E+0	0.00E+0	1.52E+01
FL708L	1.51E+01	4.41E+01	-1.42E+00	4.54E+01	9.03E-10	0.00E+0	1.02E+03	7.03E-0	2.35E+02	2.52E-01	8.03E-2	7.13E+00	5.16E-07	3.32E-07	1.86E+01	4.17E-02	1.09E-01	2.38E+00	4.94E-01	3.46E+00	4.13E+04	8.30E+00	4.52E-07	9.07E-07	8.71E-2	1.03E-03	1.89E+00	2.62E+01	4.32E+04	3.27E+04	4.32E+04	4.15E+04	1.37E+01	0.00E+0	0.00E+0	0.00E+0	2.98E+01
FL712L	2.93E+01	7.81E+01	-2.20E+00	8.14E+01	9.60E-10	0.00E+0	1.19E+03	1.05E+04	4.67E+02	4.97E+01	1.13E+01	1.57E+00	6.83E-07	5.88E-07	1.88E+01	4.50E-02	1.53E+01	4.24E+00	7.23E-01	3.88E+00	4.93E+04	1.09E+01	5.36E-07	1.36E-08	1.79E+01	1.24E-03	1.70E+00	3.69E+01	5.05E+04	3.49E+04	5.05E+04	5.06E+04	3.90E+01	0.00E+0	0.00E+0	0.00E+0	3.15E+01
FL713L	1.91E+01	5.48E+01	-2.30E+00	5.71E+01	0.00E+0	0.00E+0	1.03E+03	8.95E-0	3.33E+02	3.53E-01	9.72E-02	8.95E+00	6.16E-07	4.99E-07	1.86E+01	4.10E-02	1.32E-01	2.58E+00	5.02E-01	3.27E+00	4.08E+04	8.30E+00	4.40E-07	1.19E-08	1.28E-01	1.02E-03	1.89E+00	3.44E+01	4.97E+04	4.03E+04	4.98E+04	4.98E+04	3.63E+01	0.00E+0	0.00E+0	0.00E+0	2.42E+01
FL714L	2.64E+01	7.98E+01	-3.40E+00	7.99E+01	0.00E+0	0.00E+0	1.22E+03	1.07E+04	4.36E+02	4.80E+01	1.19E+01	1.58E+00	8.82E-07	5.78E-07	2.06E+01	7.20E-02	1.61E+01	4.26E+00	7.14E-01	5.84E+00	4.80E+04	1.02E+01	5.81E-07	1.41E-08	1.67E+01	1.45E-03	4.32E+00	6.10E+01	4.87E+04	4.11E+04	4.74E+04	4.86E+04	4.86E+04	4.86E+04	0.00E+0	0.00E+0	2.97E+01
FL719L	2.38E+01	6.87E+01	-2.70E+00	7.14E+01	0.00E+0	0.00E+0	1.08E+03	1.05E+04	4.14E+02	4.20E+01	1.16E+01	1.73E+00	6.70E-07	3.60E-07	1.91E+01	4.36E-02	1.58E+01	3.97E+00	7.05E-01	3.55E+00	4.53E+04	9.79E+00	4.89E-07	1.34E-08	1.97E+01	1.14E-03	1.49E+00	4.09E+01	4.93E+04	3.75E+04	4.93E+04	4.94E+04	4.19E+01	0.00E+0	0.00E+0	0.00E+0	3.03E+01
FL716L	3.05E+01	8.25E+01	-2.80E+00	8.88E+01	9.60E-10	0.00E+0	1.29E+03	1.28E+04	5.18E+02	5.43E-01	1.62E-01	8.99E+00	7.80E-07	5.54E-07	1.92E+01	4.67E-02	2.19E-01	2.38E+00	7.48E-01	5.43E+00	4.40E+04	1.12E+01	7.92E-07	1.60E-08	1.93E+01	1.36E-03	1.55E+00	6.86E+01	5.33E+04	4.40E+04	5.33E+04	5.33E+04	5.54E+01	0.00E+0	0.00E+0	0.00E+0	3.14E+01
FL721L	3.38E+01	9.88E+01	-3.12E+00	1.02E+02	0.00E+0	0.00E+0	1.16E+03	1.27E+04	5.82E+02	6.20E-01	1.62E-01	8.28E+00	7.34E-07	7.71E-07	1.92E+01	4.85E-02	1.91E-01	5.16E+00	8.97E+01	4.29E+00	5.48E+04	1.22E+01	7.97E-07	1.83E-08	2.23E-01	1.33E-03	1.29E+00	8.42E+01	5.48E+04	5.21E+04	5.48E+04	5.48E+04	4.95E+01	0.00E+0	0.00E+0	0.00E+0	4.28E+01
FL723L	4.27E+01	1.04E+02	-4.00E+00	1.04E+02	0.00E+0	0.00E+0	1.58E+03	1.46E+04	6.59E+02	7.18E-01	1.13E+01	1.02E-02	6.26E+00	1.13E+01	2.05E+01	9.85E+02	2.93E-01	6.84E+00	8.45E+01	6.70E+00	6.80E+04	1.17E+01	1.20E-08	2.39E-01	1.73E-03	1.93E+00	9.41E+01	5.87E+04	4.93E+04	5.87E+04	5.87E+04	6.88E+00	0.00E+0	0.00E+0	0.00E+0	3.57E+01	
FL725L	9.26E+01	1.21E+02	-3.81E+00	1.21E+02	9.60E-10	0.00E+0	1.58E+03	1.53E+04	7.97E+02	8.43E-01	2.73E-01	1.06E+01	1.01E-08	6.88E-07	2.08E+01	1.06E+01	3.68E-01	8.24E+00	1.19E+00	7.87E+00	6.73E+04	1.17E+01	1.21E-06	2.87E-08	3.20E-01	1.83E-03	1.752E+00	7.43E+01	6.80E+04	4.07E+04	6.80E+04	6.87E+04	6.83E+01	0.00E+0	0.00E+0	0.00E+0	5.21E+01
FL728L	5.50E+01	1.34E+02	-3.87E+00	1.39E+02	9.60E-10	0.00E+0	1.62E+03	1.71E+04	8.37E+02	8.85E-01	2.73E-01	1.08E+01	1.05E-08	7.07E-07	2.11E+01	1.52E-01	3.68E-01	7.38E+00	1.32E+00	8.34E+00	8.84E+04																

Distribution A4	FZ143F	1.285-01	3.11E+01	1.15E+00	3.22E+01	0.00E+00	0.00E+00	3.23E+02	6.48E+05	1.88E+02	2.02E-01	5.74E+02	1.19E+02	3.91E+01	1.11E+01	1.97E+01	7.79E+02	7.28E+01	2.75E+01	6.95E+00	1.13E+03	6.78E+00	3.65E+06	3.22E+00	7.31E+02	3.46E+03	2.26E+00	1.84E+01	1.13E+03	1.64E+03	1.13E+03	1.15E+03	2.07E+01	0.00E+00	0.05E+00	0.00E+00	1.16E+01	
	FZ151F	8.00E+02	1.81E+01	8.83E-01	1.91E+01	0.00E+00	0.00E+00	2.78E+02	4.88E+05	1.14E+02	1.22E-01	3.52E+02	8.98E+01	1.36E+02	2.96E+01	1.07E+01	1.06E+01	4.50E+02	4.94E+01	1.52E+01	5.11E+00	8.28E+02	3.93E+00	2.74E+05	2.35E+00	4.39E+02	2.95E+03	8.54E+01	1.48E+01	6.32E+02	1.24E+02	6.32E+02	6.48E+02	1.57E+01	0.00E+00	0.00E+00	0.00E+00	8.55E+00
	FZ152F	1.27E-01	3.26E+01	1.41E+00	3.47E+01	0.00E+00	0.00E+00	3.18E+02	6.53E+05	1.85E+02	2.06E-01	5.25E+02	1.11E+02	1.94E+01	3.94E+01	1.06E+01	1.08E+01	7.10E+02	1.57E+00	2.56E+01	6.10E+00	1.36E+03	5.07E+00	3.36E+06	3.02E+00	7.57E+02	2.98E+03	1.01E+01	2.12E+01	1.30E+03	1.52E+03	1.36E+03	1.41E+03	2.13E+01	0.00E+00	0.00E+00	0.00E+00	1.15E+01
	FZ152FM2	1.26E-01	3.88E+01	1.28E+00	3.96E+01	6.18E+04	0.00E+00	3.48E+02	7.31E+05	1.83E+02	1.97E-01	4.98E+02	1.11E+02	1.83E+01	3.85E+01	2.21E+01	1.08E+01	6.22E+02	1.16E+00	3.86E+01	7.63E+00	1.34E+03	3.45E+00	3.04E+06	6.97E+02	3.87E+03	5.17E+00	2.06E+01	9.48E+02	1.52E+02	8.44E+02	9.88E+02	2.58E+01	0.00E+00	0.00E+00	0.00E+00	1.68E+01	
	FZ153F	1.63E-01	4.33E+01	1.62E+00	4.48E+01	0.00E+00	0.00E+00	3.36E+02	8.15E+05	2.35E+02	2.75E-01	5.72E+02	1.31E+02	2.53E+01	5.01E+01	1.13E+01	1.76E+01	8.97E+02	1.77E+00	3.28E+01	8.94E+00	1.65E+03	3.66E+00	3.68E+06	9.95E+02	3.96E+03	8.18E+01	2.78E+01	9.68E+02	1.81E+02	1.58E+03	1.68E+03	2.87E+01	0.00E+00	0.00E+00	0.00E+00	1.47E+01	
	FZ153FM2	1.61E-01	3.88E+01	1.71E+00	4.06E+01	6.18E+04	0.00E+00	3.21E+02	8.96E+05	2.41E+02	2.58E-01	5.72E+02	1.31E+02	2.46E+01	4.86E+01	2.26E+01	1.88E+00	9.08E+02	1.73E+00	4.57E+01	8.94E+00	1.36E+03	2.20E+01	4.05E+06	9.29E+02	4.36E+03	5.72E+01	2.32E+01	1.41E+03	1.81E+03	1.44E+03	1.36E+03	3.26E+01	0.00E+00	0.00E+00	0.00E+00	1.98E+01	
	FZ161F	9.11E+02	2.59E+01	8.67E-01	2.19E+01	0.00E+00	0.00E+00	2.85E+02	5.33E+05	1.59E+02	1.36E-01	3.81E+02	1.62E+02	1.36E+02	2.94E+01	1.87E+01	1.23E+01	4.89E+02	6.72E+01	1.76E+01	5.73E+00	7.37E+02	4.13E+00	3.12E+06	2.88E+00	5.02E+02	2.86E+03	1.08E+00	1.51E+01	7.41E+02	1.41E+02	7.41E+02	7.37E+02	1.62E+01	0.00E+00	0.00E+00	0.00E+00	7.94E+00
	FZ162F	1.44E-01	3.79E+01	1.42E+00	3.85E+01	0.00E+00	0.00E+00	3.18E+02	7.07E+05	2.20E+02	2.35E-01	5.59E+02	1.23E+02	1.96E+01	4.46E+01	1.05E+01	1.17E+01	8.10E+02	1.84E+00	2.93E+01	6.70E+00	1.63E+03	5.33E+00	3.77E+06	3.38E+00	8.84E+02	3.26E+03	3.59E+01	2.24E+01	1.64E+03	1.70E+03	1.64E+03	1.66E+03	2.23E+01	0.00E+00	0.00E+00	0.00E+00	1.38E+01
	FZ162FM2	2.05E-01	6.29E+01	1.21E+00	5.41E+01	1.51E+03	0.00E+00	4.26E+02	1.03E+06	3.11E+02	3.36E-01	6.44E+02	1.22E+02	2.03E+01	5.55E+01	3.72E+01	4.37E+00	8.72E+02	3.36E+00	7.62E+01	1.96E+01	2.94E+03	4.13E+00	4.02E+06	3.71E+00	1.22E+01	5.31E+03	9.91E+00	2.24E+01	2.08E+03	1.75E+03	2.08E+03	2.11E+03	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.27E+01
	FZ163F	1.84E-01	4.97E+01	1.85E+00	5.07E+01	0.00E+00	0.00E+00	3.98E+02	8.78E+05	2.57E+02	3.07E-01	6.41E+02	2.61E+02	2.91E+01	5.88E+01	1.16E+01	1.96E+01	9.16E+02	1.58E+00	3.74E+01	8.74E+00	1.72E+03	4.52E+00	4.03E+06	1.13E+03	4.59E+02	3.16E+03	1.54E+01	2.98E+01	2.18E+03	2.16E+03	2.27E+03	3.27E+01	0.00E+00	0.00E+00	0.00E+00	1.60E+01	
	FZ171F	1.03E-01	2.93E+01	1.02E+00	2.45E+01	0.00E+00	0.00E+00	3.00E+02	5.81E+05	1.45E+02	1.56E-01	4.17E+02	1.15E+02	1.43E+01	3.35E+01	1.05E+01	1.36E+01	5.64E+02	6.16E+01	1.98E+01	6.38E+00	9.18E+02	4.89E+00	3.91E+00	3.00E+06	5.67E+02	3.25E+03	1.38E+00	1.56E+01	8.21E+02	1.58E+02	8.21E+02	8.38E+02	1.70E+01	0.00E+00	0.00E+00	0.00E+00	8.48E+00
	FZ172F	2.06E-01	4.87E+01	1.26E+00	4.69E+01	0.00E+00	0.00E+00	3.36E+02	7.41E+05	3.14E+02	3.36E-01	6.74E+02	1.33E+02	2.06E+01	5.65E+01	1.12E+01	7.65E+01	8.12E+02	2.06E+00	4.65E+01	1.94E+01	2.65E+03	6.38E+00	4.22E+06	4.02E+00	1.22E+01	6.01E+03	8.18E+00	2.27E+01	2.63E+01	1.87E+02	2.63E+02	2.68E+02	2.88E+01	0.00E+00	0.00E+00	0.00E+00	3.05E+01
	FZ173F	2.46E-01	6.11E+01	1.75E+00	6.28E+01	0.00E+00	0.00E+00	3.68E+02	9.20E+05	3.82E+02	4.17E-01	8.46E+02	1.56E+02	2.76E+01	6.95E+01	1.16E+01	1.26E+01	1.28E+01	2.33E+00	5.48E+01	1.48E+01	3.29E+03	8.49E+00	4.86E+06	4.85E+00	1.46E+01	8.26E+03	5.12E+00	3.30E+01	3.26E+02	2.15E+02	3.26E+02	3.30E+03	3.51E+01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
	FZ181F	1.20E-01	2.63E+01	8.65E-01	2.73E+01	0.00E+00	0.00E+00	3.35E+02	6.20E+05	1.65E+02	1.78E-01	4.98E+02	1.27E+02	1.42E+01	3.63E+01	1.69E+01	1.15E+01	6.20E+02	7.64E+01	2.71E+01	6.95E+00	7.63E+02	3.87E+00	3.39E+06	6.41E+02	3.21E+03	1.44E+00	1.56E+01	7.98E+02	1.75E+02	7.98E+02	8.15E+02	1.57E+01	0.00E+00	0.00E+00	0.00E+00	1.16E+01	
	FZ870Z	3.96E+05	6.55E+00	7.78E-01	7.83E+01	6.11E+00	0.00E+00	6.82E+00	6.53E+05	1.73E+02	4.73E+02	6.20E+05	1.95E+00	1.20E+01	3.89E+01	1.66E+01	4.74E+02	3.59E+02	5.49E+01	2.96E+01	8.94E+00	1.94E+03	2.93E+00	3.75E+06	3.38E+01	1.96E+02	8.48E+03	3.36E+01	3.87E+00	2.60E+02	1.06E+02	2.68E+02	3.45E+03	3.34E+00	0.00E+00	0.00E+00	0.00E+00	3.96E+00
	GE013EN	9.88E+02	2.39E+01	2.51E+00	2.65E+01	6.11E+00	0.00E+00	1.45E+02	1.13E+04	1.76E+02	1.91E-01	4.99E+02	3.20E+02	3.23E+01	2.03E+01	2.80E+01	8.73E+01	6.78E+02	1.05E+00	2.68E+01	2.42E+00	1.00E+03	1.68E+01	7.48E+01	5.94E+01	6.15E+02	7.98E+04	1.22E+01	3.53E+01	1.02E+03	8.19E+02	1.02E+03	1.07E+03	4.78E+01	0.00E+00	0.00E+00	0.00E+00	1.15E+01
	GE213EN	1.23E-01	2.88E+01	1.37E+00	3.22E+01	6.11E+00	0.00E+00	1.87E+02	1.46E+04	2.21E+02	2.43E-01	6.49E+02	3.49E+02	4.36E+01	2.48E+01	3.32E+01	1.17E+00	8.78E+02	1.18E+00	3.32E+01	3.20E+00	1.22E+03	2.22E+01	9.80E+01	7.52E+01	7.58E+02	1.86E+03	1.61E+01	4.77E+01	1.24E+03	9.82E+02	1.24E+03	1.31E+03	6.38E+01	0.00E+00	0.00E+00	0.00E+00	1.42E+01
	GE313EN	1.36E-01	3.18E+01	1.55E+00	3.54E+01	6.11E+00	0.00E+00	2.05E+02	1.60E+04	2.42E+02	2.63E-01	7.22E+02	3.53E+00	4.83E+01	2.69E+01	3.56E+01	1.33E+00	9.78E+02	1.17E+00	3.67E+01	3.48E+00	1.33E+03	2.91E+01	1.06E+06	8.01E+01	8.31E+02	1.11E+03	1.88E+01	5.05E+01	1.35E+03	9.84E+02	1.35E+03	1.42E+03	6.91E+01	0.00E+00	0.00E+00	0.00E+00	1.57E+01
	GE326EN	1.20E-01	2.78E+01	1.15E+00	3.10E+01	6.11E+00	0.00E+00	1.92E+02	1.55E+04	2.15E+02	2.36E-01	7.57E+02	3.53E+00	4.17E+01	2.35E+01	3.63E+01	1.36E+00	1.01E+01	8.99E+02	3.22E+01	3.39E+00	1.04E+03	2.54E+01	1.10E+06	7.37E+01	7.35E+02	1.03E+03	2.12E+01	4.57E+01	1.06E+03	9.82E+02	1.06E+03	1.15E+03	6.69E+01	0.00E+00	0.00E+00	0.00E+00	1.90E+01
	GE413EN	1.45E-01	3.48E+01	1.92E+00	3.72E+01	6.11E+00	0.00E+00	2.21E+02	1.73E+04	2.86E+02	2.84E-01	7.65E+02	3.97E+00	4.86E+01	2.86E+01	3.89E+01	1.56E+00	1.06E+01	1.04E+01	3.97E+01	3.68E+00	1.42E+03	2.78E+01	1.20E+06	8.61E+01	8.96E+02	1.17E+03	2.11E+01	5.32E+01	1.45E+03	9.88E+02	1.45E+03	1.53E+03	7.43E+01	0.00E+00	0.00E+00	0.00E+00	1.70E+01
	GE426EN	1.36E-01	3.23E+01	1.44E+00	3.58E+01	6.11E+00	0.00E+00	2.20E+02	1.81E+04	2.48E+02	2.74E-01	8.88E+02	3.81E+00	4.85E+01	2.69E+01	4.20E+01	1.66E+00	1.18E+01	1.03E+01	3.75E+01	3.69E+00	1.20E+03	3.17E+01	1.34E+06	8.43E+01	8.43E+02	1.14E+03	2.69E+01	5.17E+01	1.23E+03	9.87E+02	1.23E+03	1.31E+03	7.78E+01	0.00E+00	0.00E+00	0.00E+00	1.81E+01
	GE626EN	1.69E-01	4.62E+01	1.78E+00	4.40E+01	6.11E+00	0.00E+00	2.47E+02	2.05E+04	2.97E+02	3.30E-01	8.42E+02	3.78E+00	5.04E+01	3.37E+01	4.74E+01	2.01E+00	1.14E+01	1.62E+00	4.62E+01	4.17E+00	1.69E+03	3.82E+01	1.56E+06	1.01E+00	1.03E+03	1.26E+03	1.55E+01	1.69E+03	1.15E+04	1.88E+03	1.78E+03	8.70E+01	0.00E+00	0.00E+00	0.00E+00	1.98E+01	
	GF013E	7.90E+02	1.69E+01	1.81E-01	1.77E+01	0.00E+00	0.00E+00	2.84E+02	4.44E+05	1.09E+02	1.17E-01	2.97E+02	8.50E+01	1.14E+01	2.38E+01	1.05E+01	9.82E+02	4.02E+02	4.80E+01	1.74E+01	4.72E+00	4.99E+02	3.54E+00	2.95E+06	2.24E+00	4.19E+02	2.36E+03	6.61E+01	1.24E+01	6.10E+02	1.17E+02	5.93E+02	5.16E+02	1.31E+01	0.00E+00	0.00E+00	0.00E+00	7.45E+00
	GF113E	9.67E+02	2.06E+01	1.77E-01	2.19E+01	0.00E+00	0.00E+00	2.98E+02	5.28E+05	1.23E+02	1.43E-01	3.55E+02	1.67E+02	1.36E+01	2.95E+01	1.06E+01	8.18E+02	6.06E+01	6.94E+01	2.12E+01	3.95E+00	4.82E+02	3.81E+00	3.26E+06	2.91E+00	5.95E+02	2.94E+03	5.43E+01	1.54E+01	6.10E+02	1.48E+03	6.45E+02	6.25E+02	1.50E+01	0.00E+00	0.00E+00	0.00E+00	9.17E+00
	GF213E	9.67E+02	2.19E+01	1.81E+00	2.30E+01	0.00E+00	0.00E+00	3.03E+02	5.23E+05	1.35E+02	1.45E-01	3.72E+02	1.60E+02	1.41E+01	2.88E+01	1.06E+01	1.11E+01	5.04E+02	6.04E+01	2.17E+01	3.96E+00	6.41E+02	3.95E+00	3.05E+06	2.65E+00	5.19												

B04785	8.54E-01	1.33E+00	0.00E+00	1.35E+00	0.00E+00	0.00E+00	8.84E-01	5.08E-07	4.00E-03	4.36E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-04	4.74E-02	1.88E+01	0.00E+00	2.07E-09	6.95E-09	1.11E-02	3.37E-05	2.51E-02	0.00E+00	1.88E+01	1.88E+01	1.88E+01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	5.12E-03					
B04786	1.43E-02	2.28E+00	0.00E+00	2.28E+00	0.00E+00	0.00E+00	1.48E+00	8.50E-07	8.73E-03	7.38E-02	0.00E+00	0.00E+00	3.98E-11	7.70E-10	5.52E-03	0.00E+00	0.00E+00	2.05E-04	7.95E-02	3.18E+01	0.00E+00	3.47E-09	1.17E-07	1.88E-02	5.88E-05	4.22E-02	0.00E+00	3.18E+01	8.92E-08	3.18E+01	3.18E+01	4.22E-02	0.00E+00	0.00E+00	8.80E-03	
B04787	2.49E-02	3.93E+00	0.00E+00	3.93E+00	0.00E+00	0.00E+00	2.58E+00	1.47E-04	1.17E-02	1.28E-01	0.00E+00	0.00E+00	6.91E-11	1.34E-09	9.58E-03	0.00E+00	0.00E+00	3.48E-04	1.38E-01	5.48E+01	0.00E+00	6.03E-09	2.02E-07	3.23E-02	9.83E-05	7.32E-02	0.00E+00	5.48E+01	1.55E-07	5.48E+01	5.48E+01	7.32E-02	0.00E+00	0.00E+00	1.44E-02	
FD32PN	4.87E-03	7.38E-01	0.00E+00	7.38E-01	0.00E+00	0.00E+00	4.83E-01	2.77E-07	2.19E-03	2.43E-02	0.00E+00	0.00E+00	1.30E-11	2.51E-10	1.80E-03	0.00E+00	0.00E+00	6.52E-01	2.98E-02	1.03E+01	0.00E+00	1.13E-09	3.80E-08	6.09E-03	1.84E-05	1.37E-02	0.00E+00	1.03E+01	2.90E-08	1.03E+01	1.03E+01	1.37E-02	0.00E+00	0.00E+00	2.80E-03	
FD32TN	5.77E-03	9.10E-01	0.00E+00	9.10E-01	0.00E+00	0.00E+00	5.97E-01	3.42E-07	2.70E-03	2.97E-02	0.00E+00	0.00E+00	1.60E-11	3.10E-10	2.23E-03	0.00E+00	0.00E+00	8.05E-03	3.20E-02	1.27E+01	0.00E+00	1.45E-09	4.68E-08	7.48E-03	2.28E-05	1.79E-02	0.00E+00	1.27E+01	3.58E-08	1.27E+01	1.79E-02	0.00E+00	0.00E+00	3.48E-03		
FD42PN	5.41E-03	8.54E-01	0.00E+00	8.54E-01	0.00E+00	0.00E+00	5.68E-01	3.21E-07	2.54E-03	2.78E-02	0.00E+00	0.00E+00	1.50E-11	2.91E-10	2.08E-03	0.00E+00	0.00E+00	7.58E-03	3.00E-02	1.10E+01	0.00E+00	1.40E-09	4.40E-08	7.02E-03	2.14E-05	1.59E-02	0.00E+00	1.10E+01	3.37E-08	1.10E+01	1.59E-02	0.00E+00	0.00E+00	3.26E-03		
FD42TN	7.60E-03	1.11E+00	0.00E+00	1.11E+00	0.00E+00	0.00E+00	7.26E-01	4.18E-07	3.26E-03	3.81E-02	0.00E+00	0.00E+00	1.90E-11	3.77E-10	2.79E-03	0.00E+00	0.00E+00	9.80E-03	3.88E-02	1.58E+01	0.00E+00	1.76E-09	5.71E-08	9.18E-03	2.77E-05	2.08E-02	0.00E+00	1.58E+01	4.36E-08	1.58E+01	2.08E-02	0.00E+00	0.00E+00	4.21E-03		
FD52PN	6.41E-03	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	6.68E-01	3.80E-07	3.01E-03	3.36E-02	0.00E+00	0.00E+00	1.78E-11	3.44E-10	2.47E-03	0.00E+00	0.00E+00	8.92E-03	3.55E-02	1.41E+01	0.00E+00	1.55E-09	5.22E-08	8.32E-03	2.53E-05	1.89E-02	0.00E+00	1.41E+01	3.99E-08	1.41E+01	1.41E+01	1.89E-02	0.00E+00	0.00E+00	3.88E-03	
FD52TN	8.48E-03	1.33E+00	0.00E+00	1.33E+00	0.00E+00	0.00E+00	8.75E-01	5.01E-07	3.97E-03	4.33E-02	0.00E+00	0.00E+00	2.35E-11	4.54E-10	3.25E-03	0.00E+00	0.00E+00	1.18E-04	4.89E-02	1.88E+01	0.00E+00	2.05E-09	6.88E-08	1.10E-02	3.34E-05	2.49E-02	0.00E+00	1.88E+01	5.28E-08	1.88E+01	1.87E+01	2.49E-02	0.00E+00	0.00E+00	5.07E-03	
FD62PN	7.49E-03	1.18E+00	0.00E+00	1.18E+00	0.00E+00	0.00E+00	7.78E-01	4.44E-07	3.57E-03	3.93E-02	0.00E+00	0.00E+00	2.08E-11	4.02E-10	2.88E-03	0.00E+00	0.00E+00	1.05E-04	4.61E-02	1.65E+01	0.00E+00	1.81E-09	5.69E-08	9.71E-03	2.96E-05	2.20E-02	0.00E+00	1.65E+01	4.68E-08	1.65E+01	2.20E-02	0.00E+00	0.00E+00	4.49E-03		
FD62TN	1.00E-02	1.58E+00	0.00E+00	1.58E+00	0.00E+00	0.00E+00	1.04E+00	5.93E-07	4.70E-03	5.15E-02	0.00E+00	0.00E+00	2.78E-11	5.38E-10	3.85E-03	0.00E+00	0.00E+00	1.40E-04	5.55E-02	2.21E+01	0.00E+00	2.42E-09	8.19E-08	1.30E-02	3.95E-05	2.94E-02	0.00E+00	2.21E+01	6.23E-08	2.21E+01	2.21E+01	2.94E-02	0.00E+00	0.00E+00	6.01E-03	
FD72PN	8.59E-03	1.33E+00	0.00E+00	1.33E+00	0.00E+00	0.00E+00	8.84E-01	5.08E-07	4.01E-03	4.39E-02	0.00E+00	0.00E+00	2.37E-11	4.59E-10	3.23E-03	0.00E+00	0.00E+00	1.19E-04	4.74E-02	1.88E+01	0.00E+00	2.07E-09	6.95E-09	1.11E-02	3.37E-05	2.51E-02	0.00E+00	1.88E+01	5.31E-08	1.88E+01	1.88E+01	2.51E-02	0.00E+00	0.00E+00	5.12E-03	
FD72TN	1.00E-02	1.63E+00	0.00E+00	1.63E+00	0.00E+00	0.00E+00	1.07E+00	6.11E-07	4.84E-03	5.31E-02	0.00E+00	0.00E+00	2.88E-11	5.54E-10	3.97E-03	0.00E+00	0.00E+00	1.44E-04	5.72E-02	2.27E+01	0.00E+00	2.50E-09	8.36E-08	1.34E-02	4.07E-05	3.03E-02	0.00E+00	2.27E+01	6.41E-08	2.27E+01	2.28E+01	3.03E-02	0.00E+00	0.00E+00	6.19E-03	
FL101A	3.15E-03	5.14E-01	7.33E-04	5.15E-01	2.71E-04	0.00E+00	6.01E-01	2.23E-07	1.38E-03	1.58E-02	0.00E+00	7.49E-03	1.08E-11	2.03E-10	1.48E-03	7.88E-03	0.00E+00	0.00E+00	5.37E-05	2.32E-02	7.31E-09	0.00E+00	9.17E-10	2.89E-08	3.88E-03	1.85E-05	1.12E-02	0.00E+00	7.31E-09	2.36E-08	7.31E-09	7.84E-09	1.12E-02	0.00E+00	0.00E+00	2.27E-03
FL101AC	3.16E-03	5.26E-01	7.34E-04	5.26E-01	2.72E-04	0.00E+00	6.02E-01	2.23E-07	1.38E-03	1.58E-02	0.00E+00	7.49E-03	1.08E-11	2.03E-10	1.48E-03	7.88E-03	0.00E+00	0.00E+00	5.37E-05	2.32E-02	7.31E-09	0.00E+00	9.17E-10	2.89E-08	3.88E-03	1.85E-05	1.12E-02	0.00E+00	7.31E-09	2.36E-08	7.31E-09	7.84E-09	1.12E-02	0.00E+00	0.00E+00	2.27E-03
FL102A	3.77E-03	7.09E-01	8.47E-08	7.09E-01	2.39E-08	0.00E+00	8.83E-01	3.87E-07	1.85E-03	1.87E-02	0.00E+00	8.61E-03	1.71E-11	3.36E-10	2.23E-03	1.87E-03	0.00E+00	0.00E+00	6.16E-05	3.83E-02	1.27E+01	0.00E+00	1.37E-09	3.11E-08	4.69E-03	2.76E-05	1.87E-02	0.00E+00	1.27E+01	3.47E-08	1.27E+01	1.23E+01	1.87E-02	0.00E+00	0.00E+00	3.38E-03
FL102AC	3.73E-03	7.10E-01	8.47E-08	7.11E-01	2.39E-08	0.00E+00	1.34E+00	4.03E-07	1.84E-03	1.87E-02	0.00E+00	8.61E-03	2.38E-11	4.34E-10	2.23E-03	1.87E-03	0.00E+00	0.00E+00	1.11E-04	4.27E-02	1.22E+01	0.00E+00	1.78E-09	3.07E-08	4.69E-03	2.94E-05	1.98E-02	0.00E+00	1.22E+01	3.45E-08	1.22E+01	1.23E+01	1.98E-02	0.00E+00	0.00E+00	4.70E-03
FL103A	5.48E-03	8.48E-01	8.47E-08	8.48E-01	2.39E-08	0.00E+00	9.76E-01	4.08E-07	2.34E-03	2.59E-02	0.00E+00	8.61E-03	1.86E-11	3.85E-10	2.51E-03	6.76E-03	0.00E+00	0.00E+00	8.76E-05	3.92E-02	1.28E+01	0.00E+00	1.53E-09	4.38E-08	6.71E-03	2.83E-05	1.89E-02	0.00E+00	1.28E+01	3.88E-08	1.28E+01	1.31E+01	1.89E-02	0.00E+00	0.00E+00	3.75E-03
FL103AM	5.14E-03	7.99E-01	8.47E-08	7.97E-01	2.39E-08	0.00E+00	1.31E+00	5.31E-07	2.19E-03	2.43E-02	0.00E+00	8.61E-03	2.40E-11	4.62E-10	2.85E-03	6.76E-03	0.00E+00	0.00E+00	1.19E-04	4.25E-02	1.28E+01	0.00E+00	1.92E-09	4.14E-08	6.38E-03	2.89E-05	1.89E-02	0.00E+00	1.28E+01	5.30E-08	1.28E+01	1.29E+01	1.89E-02	0.00E+00	0.00E+00	5.12E-03
FL103AM	6.41E-03	1.07E+00	8.47E-08	1.07E+00	2.39E-08	0.00E+00	1.47E+00	4.43E-07	2.88E-03	3.19E-02	0.00E+00	8.61E-03	2.07E-11	4.94E-10	2.83E-03	6.76E-03	0.00E+00	0.00E+00	9.82E-05	4.24E-02	1.54E+01	0.00E+00	1.74E-09	5.19E-08	8.08E-03	3.08E-05	2.08E-02	0.00E+00	1.54E+01	1.56E+01	2.08E-02	0.00E+00	0.00E+00	4.19E-03		
FL104A	1.47E-03	1.18E+00	0.00E+00	1.18E+00	0.00E+00	0.00E+00	7.72E-01	4.42E-07	3.59E-03	3.94E-02	0.00E+00	0.00E+00	2.07E-11	4.01E-10	2.87E-03	0.00E+00	0.00E+00	1.04E-04	4.14E-02	1.69E+01	0.00E+00	1.81E-09	6.07E-08	8.89E-03	2.95E-05	2.20E-02	0.00E+00	1.69E+01	4.84E-08	1.69E+01	1.69E+01	2.20E-02	0.00E+00	0.00E+00	4.48E-03	
FL104AC	5.91E-03	9.70E-01	8.47E-08	9.72E-01	2.39E-08	0.00E+00	1.40E+00	5.33E-07	2.88E-03	2.88E-02	0.00E+00	8.61E-03	2.48E-11	4.71E-10	2.94E-03	6.76E-03	0.00E+00	0.00E+00	1.21E-04	4.44E-02	1.42E+01	0.00E+00	1.93E-09	4.78E-08	7.30E-03	3.11E-05	2.07E-02	0.00E+00	1.42E+01	5.31E-08	1.42E+01	1.44E+01	2.07E-02	0.00E+00	0.00E+00	5.18E-03
FL105A	6.73E-03	1.09E+00	8.47E-08	1.09E+00	2.39E-08	0.00E+00	1.13E+00	4.51E-07	3.08E-03	3.38E-02	0.00E+00	8.61E-03	2.13E-11	4.08E-10	2.88E-03	6.76E-03	0.00E+00	0.00E+00	1.02E-04	4.34E-02	1.57E+01	0.00E+00	1.74E-09	5.47E-08	8.81E-03	3.18E-05	2.11E-02	0.00E+00	1.57E+01	4.52E-08	1.57E+01	1.58E+01	2.11E-02	0.00E+00	0.00E+00	4.37E-03
FL105AC	6.71E-03	1.10E+00	8.47E-08	1.10E+00	2.39E-08	0.00E+00	1.17E+00	5.78E-07	3.16E-03	3.38E-02	0.00E+00	8.61E-03	2.87E-11	5.08E-10	2.98E-03	6.76E-03	0.00E+00	0.00E+00	1.33E-04	4.88E-02	1.57E+01	0.00E+00	2.14E-09	5.44E-08	8.83E-03	3.45E-05	2.20E-02	0.00E+00	1.57E+01	5.92E-08	1.57E+01	1.58E+01	2.20E-02	0.00E+00	0.00E+00	5.49E-03
FL106A	6.63E-03	1.08E+00	8.47E-08	1.08E+00	2.39E-08	0.00E+00	1.11E+00	4.41E-07	3.02E-03	3.33E-02	0.00E+00	8.61E-03	2.05E-11	3.95E-10	2.78E-03	6.76E-03	0.00E+00	0.00E+00	9.92E-05	4.19E-02	1.58E+01	0.00E+00	1.73E-09	5.38E-08	8.47E-03	3.07E-05	2.08E-02	0.00E+00	1.58E+01	4.44E-08	1.58E+01	1.58E+01	2.08E-02	0.00E+00	0.00E+00	4.34E-03
FL106AC	6.58E-03	1.09E+00	8.47E-08	1.09E+00	2.39E-08	0.00E+00	1.44E+00	5.63E-07	3.05E-03	3.33E-02	0.00E+00	8.61E-03	2.80E-11	4.97E-10	3.13E-03	6.76E-03	0.00E+00	0.00E+00	1.30E-04	4.54E-02	1.57E+01	0.00E+00	2.15E-09	5.33E-08	8.47E-03	3.25E-05	2.19E-02	0.00E+00	1.57E+01	5.85E-08	1.57E+01	1.60E+01	2.19E-02	0.00E+00	0.00E+00	5.02E-03
FL106AM	6.48E-03	1.08E+00	8.47E-08	1.08E+00	2.39E-08	0.00E+00	1.18E+00	4.60E-07	3.02E-03	3.25E-02	0.00E																									

FL160A	8.05E-02	1.37E+00	6.47E-08	1.36E+00	2.39E-04	0.00E+00	1.23E+00	6.26E-07	4.15E-03	4.58E-02	0.00E+00	6.81E-05	2.79E-11	5.46E-10	3.59E-03	6.76E-05	0.00E+00	0.00E+00	1.43E-04	5.84E-02	1.96E-01	0.00E+00	2.32E-09	7.25E-08	1.15E-02	3.95E-05	2.90E-02	0.00E+00	1.96E-01	6.61E-08	1.96E-01	1.65E-01	2.90E-02	0.00E+00	0.00E+00	0.00E+00	6.33E-09
FL161A	1.00E-02	1.68E+00	8.47E-08	1.68E+00	2.39E-04	0.00E+00	1.37E+00	7.07E-07	5.09E-03	5.58E-02	0.00E+00	6.81E-05	3.17E-11	6.21E-10	4.18E-03	6.76E-05	0.00E+00	0.00E+00	1.62E-04	6.39E-02	2.37E-01	0.00E+00	2.66E-09	8.74E-08	1.49E-02	4.52E-05	3.34E-02	0.00E+00	2.37E-01	7.46E-08	2.37E-01	2.34E-01	3.34E-02	0.00E+00	0.00E+00	0.00E+00	7.09E-03
FL162A	1.16E-02	1.69E+00	8.47E-08	1.68E+00	2.39E-04	0.00E+00	1.47E+00	7.19E-07	5.17E-03	5.67E-02	0.00E+00	6.81E-05	3.22E-11	6.31E-10	4.28E-03	6.76E-05	0.00E+00	0.00E+00	1.68E-04	6.39E-02	2.34E-01	0.00E+00	2.71E-09	8.88E-08	1.42E-02	4.48E-05	3.28E-02	0.00E+00	2.34E-01	7.47E-08	2.34E-01	2.32E-01	3.28E-02	0.00E+00	0.00E+00	0.00E+00	7.20E-03
FL163A	1.38E-02	2.20E+00	8.47E-08	2.20E+00	2.39E-04	0.00E+00	1.74E+00	9.27E-07	6.63E-03	7.28E-02	0.00E+00	6.81E-05	4.18E-11	8.15E-10	5.68E-03	6.76E-05	0.00E+00	0.00E+00	2.15E-04	8.02E-02	3.14E-01	0.00E+00	3.65E-09	1.11E-07	1.83E-02	5.38E-05	4.27E-02	0.00E+00	3.14E-01	9.67E-08	3.14E-01	3.15E-01	4.27E-02	0.00E+00	0.00E+00	0.00E+00	9.25E-03
FL164A	1.30E-02	2.12E+00	8.47E-08	2.12E+00	2.39E-04	0.00E+00	1.72E+00	9.14E-07	6.35E-03	7.02E-02	0.00E+00	6.81E-05	4.10E-11	8.05E-10	5.63E-03	6.76E-05	0.00E+00	0.00E+00	2.13E-04	7.91E-02	3.07E-01	0.00E+00	3.56E-09	1.08E-07	1.74E-02	5.30E-05	4.14E-02	0.00E+00	3.07E-01	9.65E-08	3.07E-01	3.11E-01	4.14E-02	0.00E+00	0.00E+00	0.00E+00	9.23E-03
FL165A	1.50E-02	2.39E+00	8.47E-08	2.39E+00	2.39E-04	0.00E+00	1.84E+00	9.44E-07	7.30E-03	7.96E-02	0.00E+00	6.81E-05	4.27E-11	8.36E-10	5.85E-03	6.76E-05	0.00E+00	0.00E+00	2.26E-04	8.17E-02	3.20E-01	0.00E+00	3.74E-09	1.22E-07	1.94E-02	5.72E-05	4.32E-02	0.00E+00	3.20E-01	9.69E-08	3.20E-01	3.21E-01	4.32E-02	0.00E+00	0.00E+00	0.00E+00	9.54E-03
FL166A	1.87E-02	2.79E+00	8.47E-08	2.77E+00	2.39E-04	0.00E+00	2.23E+00	1.17E-06	8.86E-03	9.80E-02	0.00E+00	6.81E-05	5.40E-11	1.06E-09	7.29E-03	6.76E-05	0.00E+00	0.00E+00	2.72E-04	9.86E-02	3.96E-01	0.00E+00	4.36E-09	1.52E-07	2.49E-02	6.86E-05	5.09E-02	0.00E+00	3.96E-01	1.22E-07	3.96E-01	3.96E-01	5.09E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-02
FL167A	1.46E-02	2.20E+00	8.47E-08	2.21E+00	2.39E-04	0.00E+00	1.82E+00	9.76E-07	6.72E-03	7.41E-02	0.00E+00	6.81E-05	4.47E-11	8.72E-10	5.76E-03	6.76E-05	0.00E+00	0.00E+00	2.26E-04	8.07E-02	3.14E-01	0.00E+00	3.66E-09	1.14E-07	1.83E-02	5.66E-05	4.26E-02	0.00E+00	3.14E-01	1.00E-07	3.14E-01	3.16E-01	4.26E-02	0.00E+00	0.00E+00	0.00E+00	9.86E-03
FL168A	1.50E-02	2.39E+00	8.47E-08	2.31E+00	2.39E-04	0.00E+00	1.86E+00	1.03E-06	7.13E-03	7.83E-02	0.00E+00	6.81E-05	4.61E-11	8.94E-10	5.95E-03	6.76E-05	0.00E+00	0.00E+00	2.32E-04	8.24E-02	3.23E-01	0.00E+00	3.76E-09	1.22E-07	1.96E-02	5.81E-05	4.37E-02	0.00E+00	3.23E-01	1.03E-07	3.23E-01	3.23E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	9.93E-03
FL169A	1.56E-02	2.46E+00	8.47E-08	2.39E+00	2.39E-04	0.00E+00	1.90E+00	1.03E-06	7.45E-03	8.16E-02	0.00E+00	6.81E-05	4.73E-11	9.22E-10	6.14E-03	6.76E-05	0.00E+00	0.00E+00	2.46E-04	8.49E-02	3.37E-01	0.00E+00	3.96E-09	1.27E-07	2.04E-02	5.96E-05	4.47E-02	0.00E+00	3.37E-01	1.06E-07	3.37E-01	3.36E-01	4.47E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-02
FL170A	1.85E-02	2.70E+00	8.47E-08	2.71E+00	2.39E-04	0.00E+00	2.22E+00	1.13E-06	9.86E-03	9.80E-02	0.00E+00	6.81E-05	5.25E-11	1.03E-09	7.02E-03	6.76E-05	0.00E+00	0.00E+00	2.67E-04	9.46E-02	3.94E-01	0.00E+00	4.32E-09	1.51E-07	2.49E-02	6.86E-05	5.06E-02	0.00E+00	3.94E-01	1.18E-07	3.94E-01	3.93E-01	5.06E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-02
FL171A	1.88E-02	2.78E+00	8.47E-08	2.78E+00	2.39E-04	0.00E+00	2.25E+00	1.17E-06	9.94E-03	9.87E-02	0.00E+00	6.81E-05	5.40E-11	1.06E-09	7.21E-03	6.76E-05	0.00E+00	0.00E+00	2.74E-04	9.72E-02	3.96E-01	0.00E+00	4.36E-09	1.53E-07	2.50E-02	6.86E-05	5.08E-02	0.00E+00	3.96E-01	1.22E-07	3.96E-01	3.95E-01	5.08E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-02
FL172A	2.27E-02	3.30E+00	8.47E-08	3.32E+00	2.39E-04	0.00E+00	2.61E+00	1.32E-06	1.06E-02	1.16E-01	0.00E+00	6.81E-05	6.06E-11	1.19E-09	8.05E-03	6.76E-05	0.00E+00	0.00E+00	3.06E-04	1.06E-01	4.51E-01	0.00E+00	5.03E-09	1.86E-07	2.99E-02	7.91E-05	5.73E-02	0.00E+00	4.51E-01	1.37E-07	4.51E-01	4.46E-01	5.73E-02	0.00E+00	0.00E+00	0.00E+00	1.30E-02
FL173A	2.76E-02	4.39E+00	0.00E+00	4.36E+00	0.00E+00	0.00E+00	2.66E+00	1.64E-06	1.30E-02	1.42E-01	0.00E+00	6.81E-05	7.67E-11	1.46E-09	1.04E-02	6.76E-05	0.00E+00	0.00E+00	3.86E-04	1.33E-01	6.09E-01	0.00E+00	6.86E-09	2.25E-07	3.59E-02	1.06E-04	8.12E-02	0.00E+00	6.09E-01	1.72E-07	6.09E-01	6.09E-01	8.12E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-02
FL174A	2.56E-02	4.17E+00	0.00E+00	4.36E+00	0.00E+00	0.00E+00	2.56E+00	1.57E-06	1.26E-02	1.36E-01	0.00E+00	6.81E-05	7.76E-11	1.51E-09	1.09E-02	6.76E-05	0.00E+00	0.00E+00	3.94E-04	1.46E-01	6.12E-01	0.00E+00	6.94E-09	2.33E-07	3.31E-02	1.05E-04	7.82E-02	0.00E+00	6.12E-01	1.74E-07	6.12E-01	6.05E-01	7.82E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-02
FL175A	2.50E-02	4.32E+00	8.47E-08	4.32E+00	2.39E-04	0.00E+00	3.26E+00	1.88E-06	1.14E-02	1.23E-01	0.00E+00	6.81E-05	7.86E-11	1.54E-09	1.09E-02	6.76E-05	0.00E+00	0.00E+00	3.94E-04	1.50E-01	6.25E-01	0.00E+00	6.92E-09	2.04E-07	3.18E-02	1.06E-04	7.84E-02	0.00E+00	6.25E-01	1.77E-07	6.23E-01	6.18E-01	7.84E-02	0.00E+00	0.00E+00	0.00E+00	1.70E-02
FL176A	2.51E-02	4.49E+00	8.47E-08	4.49E+00	2.39E-04	0.00E+00	3.36E+00	1.73E-06	1.12E-02	1.23E-01	0.00E+00	6.81E-05	8.16E-11	1.58E-09	1.09E-02	6.76E-05	0.00E+00	0.00E+00	4.02E-04	1.57E-01	6.32E-01	0.00E+00	6.83E-09	2.04E-07	3.17E-02	1.14E-04	8.32E-02	0.00E+00	6.32E-01	1.83E-07	6.32E-01	6.22E-01	8.32E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-02
FL179A	2.96E-02	5.14E+00	8.47E-08	5.14E+00	2.39E-04	0.00E+00	3.61E+00	1.88E-06	1.37E-02	1.49E-01	0.00E+00	6.81E-05	8.67E-11	1.70E-09	1.17E-02	6.76E-05	0.00E+00	0.00E+00	4.40E-04	1.64E-01	6.59E-01	0.00E+00	7.36E-09	2.48E-07	3.81E-02	1.26E-04	8.71E-02	0.00E+00	6.59E-01	1.98E-07	6.59E-01	6.50E-01	8.71E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-02
FL180A	5.05E-02	7.89E+00	0.00E+00	7.89E+00	0.00E+00	0.00E+00	5.17E+00	2.39E-06	2.34E-02	2.57E-01	0.00E+00	0.00E+00	1.39E-10	2.66E-09	1.63E-02	6.76E-05	0.00E+00	0.00E+00	6.99E-04	2.27E-01	1.10E-02	0.00E+00	1.21E-08	4.69E-07	6.49E-02	1.97E-04	1.47E-01	0.00E+00	1.10E-02	3.11E-07	1.10E-02	1.10E-02	1.47E-01	0.00E+00	0.00E+00	0.00E+00	3.05E-02
FL204B	4.16E-03	6.61E-01	6.61E-01	0.00E+00	0.00E+00	0.00E+00	4.30E-01	2.48E-07	1.96E-03	2.19E-02	0.00E+00	0.00E+00	4.30E-01	2.25E-10	1.81E-02	0.00E+00	0.00E+00	0.00E+00	5.89E-05	6.32E-02	9.28E-02	0.00E+00	1.61E-09	3.41E-08	5.43E-03	6.65E-05	1.29E-02	0.00E+00	9.23E+00	2.60E-08	9.23E+00	9.24E+00	1.29E-02	0.00E+00	0.00E+00	0.00E+00	2.51E-03
FL209B	6.25E-03	9.65E-01	0.00E+00	9.65E-01	0.00E+00	0.00E+00	6.46E-01	3.75E-07	2.89E-03	3.21E-02	0.00E+00	0.00E+00	1.73E-01	3.35E-10	2.49E-03	0.00E+00	0.00E+00	0.00E+00	8.72E-03	3.44E-02	1.38E-01	0.00E+00	1.51E-09	5.09E-08	8.10E-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	3.75E-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	3.49E-02	0.00E+00	0.00E+00	1.86E-10	3.60E-10	2.58E-03	0.00E+00	0.00E+00	0.00E+00	9.37E-03	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	3.95E-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	1.11E-04	4.81E-02	1.83E-01	0.00E+00	2.91E-09	8.78E-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	1.68E+00	0.00E+00	1.68E+00	0.00E+00	0.00E+00	1.21E+00	6.34E-07	5.51E-02	6.49E-02	0.00E+00	0.00E+00	2.97E-11	5.70E-10	4.28E-03	0.00E+00	0.00E+00	0.00E+00	1.46E-04	5.93E-02	2.36E-01	0.00E+00	3.76E-09	8.71E-08	1.36E-02	4.25E-05	3.18E-02	0.00E+00	2.36E-01	6.65E-08	2.36E-01	2.36E-01	3.18E-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	1.31E-04	1.26E-01	4.95E-01	0.00E+00	5.44E-09	1.83E-07	2.91E-02	8.87E-05	6.69E-02	0.00E+00	4.95E-01	1.46E-07	4.95E-01	4.95E-01	6.69E-02	0.00E+00	0.00E+00	0.00E+00	

FL340BA	2.43E-02	4.44E-00	6.47E-00	4.44E-01	2.39E-04	0.00E+00	4.36E-00	1.83E-00	1.04E-02	1.14E-01	0.00E+00	6.81E-05	8.60E-11	1.66E-09	1.15E-02	6.76E-05	0.00E+00	0.00E+00	4.24E-04	1.56E-01	6.27E-01	0.00E+00	7.31E-00	1.95E-07	2.99E-02	1.10E-04	8.22E-02	0.00E+00	6.27E-01	1.98E-07	6.27E-01	6.30E-01	8.22E-02	0.00E+00	0.00E+00	0.00E+00	1.94E-02
FL342B	3.76E-02	6.49E-00	0.00E+00	6.40E-01	0.00E+00	0.00E+00	4.61E-00	2.55E-00	1.72E-02	1.89E-01	0.00E+00	0.00E+00	1.20E-10	2.34E-09	1.67E-02	0.00E+00	0.00E+00	0.00E+00	5.98E-04	2.37E-01	8.94E-01	0.00E+00	1.04E-00	3.06E-07	4.77E-02	1.71E-04	1.20E-01	0.00E+00	8.94E-01	2.66E-07	8.94E-01	8.90E-01	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.57E-02
FL342BA	3.15E-02	4.44E-00	0.00E+00	4.44E-01	0.00E+00	0.00E+00	3.04E-00	1.74E-00	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	4.17E-04	1.63E-01	6.48E-01	0.00E+00	7.12E-00	2.39E-07	3.91E-02	1.16E-04	8.64E-02	0.00E+00	6.48E-01	1.83E-07	6.48E-01	6.46E-01	8.64E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-02
FL343A	3.76E-03	6.22E-01	1.12E-07	6.16E-01	4.18E-00	0.00E+00	8.98E-01	2.75E-07	1.59E-03	1.79E-02	0.00E+00	9.98E-05	1.36E-11	2.38E-10	1.91E-03	6.02E-04	0.00E+00	0.00E+00	6.43E-05	2.76E-02	8.96E-00	0.00E+00	1.14E-00	2.96E-08	4.33E-03	1.97E-03	1.43E-02	0.00E+00	8.96E-00	2.96E-08	8.96E-00	8.95E-00	1.43E-02	0.00E+00	0.00E+00	0.00E+00	2.73E-03
FL344B	3.73E-02	6.82E-00	6.47E-00	6.82E-01	2.39E-04	0.00E+00	4.78E-00	2.55E-00	1.72E-02	1.89E-01	0.00E+00	6.81E-05	8.60E-11	1.66E-09	1.15E-02	6.76E-05	0.00E+00	0.00E+00	6.04E-04	2.36E-01	8.92E-01	0.00E+00	1.04E-00	3.07E-07	4.77E-02	1.72E-04	1.26E-01	0.00E+00	8.92E-01	2.73E-07	9.78E-01	9.75E-01	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.61E-02
FL344BA	3.24E-02	4.44E-00	6.47E-00	2.39E-04	0.00E+00	0.00E+00	4.72E-00	2.01E-00	1.51E-02	1.67E-01	0.00E+00	6.81E-05	9.36E-11	1.61E-09	1.42E-02	6.76E-05	0.00E+00	0.00E+00	4.86E-04	1.73E-01	9.76E-01	0.00E+00	7.87E-00	2.66E-07	4.16E-02	1.24E-04	1.68E-02	0.00E+00	7.96E-01	3.14E-07	7.96E-01	7.92E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-02
FL345A	3.76E-03	6.26E-01	1.12E-07	6.16E-01	4.18E-00	0.00E+00	8.98E-01	2.63E-07	1.65E-03	1.79E-02	0.00E+00	9.98E-05	1.41E-11	2.63E-10	1.94E-03	1.02E-04	0.00E+00	0.00E+00	6.58E-05	3.02E-02	9.27E-00	0.00E+00	1.17E-00	2.94E-08	4.43E-03	2.03E-03	1.69E-02	0.00E+00	9.27E-00	3.04E-08	9.27E-00	9.18E-00	1.69E-02	0.00E+00	0.00E+00	0.00E+00	2.60E-03
FL346A	3.86E-03	6.50E-01	1.12E-07	6.47E-01	4.15E-00	0.00E+00	8.96E-01	2.69E-07	1.65E-03	1.82E-02	0.00E+00	9.98E-05	1.44E-11	2.70E-10	1.96E-03	1.05E-04	0.00E+00	0.00E+00	6.72E-05	3.24E-02	1.01E-01	0.00E+00	1.16E-00	2.99E-08	4.52E-03	2.20E-03	1.77E-02	0.00E+00	1.01E-01	1.32E-08	1.01E-01	1.00E-01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
FL346B	3.73E-02	6.78E-00	6.47E-00	6.78E-01	2.34E-04	0.00E+00	4.78E-00	2.58E-00	1.72E-02	1.89E-01	0.00E+00	6.81E-05	1.21E-10	2.35E-09	1.67E-02	6.76E-05	0.00E+00	0.00E+00	6.03E-04	2.35E-01	8.94E-01	0.00E+00	1.04E-00	3.07E-07	4.77E-02	1.71E-04	1.24E-01	0.00E+00	8.94E-01	2.72E-07	9.49E-01	9.42E-01	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.60E-02
FL346BA	7.46E-03	4.72E-00	6.50E-01	4.72E-01	7.14E-00	0.00E+00	1.38E-02	1.78E-05	1.67E-02	1.96E-01	0.00E+00	9.26E-05	1.76E-09	1.67E-02	2.02E-02	0.00E+00	0.00E+00	3.96E-05	4.36E-01	8.92E-01	0.00E+00	1.59E-00	6.43E-08	4.80E-03	3.47E-04	1.64E-01	0.00E+00	8.92E-01	8.96E-01	8.47E-01	8.47E-01	2.04E-01	0.00E+00	0.00E+00	0.00E+00	1.70E-01	
FL347A	5.10E-03	8.51E-01	1.06E-07	8.44E-01	3.93E-00	0.00E+00	9.02E-01	4.06E-07	2.43E-03	2.70E-02	0.00E+00	9.40E-05	1.91E-11	3.60E-10	2.53E-03	9.61E-05	0.00E+00	0.00E+00	9.18E-05	4.23E-02	1.36E-01	0.00E+00	1.70E-00	3.67E-08	6.34E-03	3.26E-03	2.16E-02	0.00E+00	1.36E-01	4.36E-08	1.36E-01	1.36E-01	2.16E-02	0.00E+00	0.00E+00	0.00E+00	3.98E-03
FL348B	3.73E-02	6.82E-00	6.47E-00	6.82E-01	2.39E-04	0.00E+00	4.78E-00	2.55E-00	1.72E-02	1.89E-01	0.00E+00	6.81E-05	1.21E-10	2.35E-09	1.68E-02	6.76E-05	0.00E+00	0.00E+00	6.04E-04	2.36E-01	8.92E-01	0.00E+00	1.04E-00	3.07E-07	4.77E-02	1.72E-04	1.26E-01	0.00E+00	8.92E-01	2.73E-07	9.80E-01	9.78E-01	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.61E-02
FL348BA	3.76E-02	6.23E-00	6.47E-00	6.23E-01	2.39E-04	0.00E+00	4.90E-00	2.21E-00	1.71E-02	1.87E-01	0.00E+00	6.81E-05	1.04E-10	2.01E-09	1.44E-02	6.76E-05	0.00E+00	0.00E+00	5.19E-04	1.96E-01	8.41E-01	0.00E+00	8.96E-00	3.03E-07	4.72E-02	1.44E-04	1.05E-01	0.00E+00	8.41E-01	2.35E-07	8.41E-01	8.39E-01	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.22E-02
FL350B	3.80E-02	6.77E-00	6.47E-00	6.77E-01	2.39E-04	0.00E+00	4.78E-00	2.57E-00	1.75E-02	1.93E-01	0.00E+00	6.81E-05	1.21E-10	2.34E-09	1.67E-02	6.76E-05	0.00E+00	0.00E+00	6.01E-04	2.36E-01	8.93E-01	0.00E+00	1.03E-00	3.10E-07	4.86E-02	1.72E-04	1.25E-01	0.00E+00	8.93E-01	2.72E-07	9.59E-01	9.54E-01	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.60E-02
FL350BA	3.26E-02	4.87E-00	6.47E-00	2.39E-04	0.00E+00	0.00E+00	4.86E-00	2.05E-00	1.47E-02	1.69E-01	0.00E+00	6.81E-05	9.57E-11	1.68E-09	1.42E-02	6.76E-05	0.00E+00	0.00E+00	4.86E-04	1.74E-01	9.74E-01	0.00E+00	7.87E-00	2.66E-07	4.25E-02	1.25E-04	1.67E-02	0.00E+00	7.94E-01	2.21E-07	7.94E-01	7.94E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	2.98E-02
FL352B	3.80E-02	6.79E-00	1.54E-00	6.80E-01	5.89E-00	0.00E+00	4.64E-00	2.59E-00	1.75E-02	1.93E-01	0.00E+00	1.57E-05	1.22E-10	2.36E-09	1.69E-02	1.61E-05	0.00E+00	0.00E+00	6.12E-04	2.40E-01	9.76E-01	0.00E+00	1.06E-00	3.10E-07	4.86E-02	1.72E-04	1.26E-01	0.00E+00	9.76E-01	2.73E-07	9.78E-01	9.74E-01	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.64E-02
FL352BA	3.75E-02	6.11E-00	6.47E-00	6.12E-01	2.39E-04	0.00E+00	4.88E-00	2.24E-00	1.72E-02	1.90E-01	0.00E+00	6.81E-05	1.04E-10	2.03E-09	1.44E-02	6.76E-05	0.00E+00	0.00E+00	5.25E-04	1.93E-01	8.47E-01	0.00E+00	8.94E-00	3.06E-07	4.77E-02	1.38E-04	1.00E-01	0.00E+00	8.47E-01	2.35E-07	8.47E-01	8.45E-01	1.00E-01	0.00E+00	0.00E+00	0.00E+00	2.26E-02
FL354B	3.80E-02	6.41E-00	6.47E-00	6.42E-01	2.39E-04	0.00E+00	4.78E-00	2.54E-00	1.75E-02	1.93E-01	0.00E+00	6.81E-05	1.20E-10	2.32E-09	1.69E-02	6.76E-05	0.00E+00	0.00E+00	5.95E-04	2.38E-01	9.00E-01	0.00E+00	1.02E-00	3.10E-07	4.86E-02	1.75E-04	1.22E-01	0.00E+00	9.00E-01	2.66E-07	9.00E-01	8.97E-01	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.57E-02
FL354BA	4.10E-02	6.21E-00	0.00E+00	6.21E-01	0.00E+00	0.00E+00	4.07E-00	2.33E-00	1.65E-02	2.03E-01	0.00E+00	0.00E+00	1.05E-10	2.11E-09	1.51E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-04	2.16E-01	8.67E-01	0.00E+00	9.53E-00	3.30E-07	5.17E-02	1.55E-04	1.16E-01	0.00E+00	8.67E-01	2.45E-07	8.67E-01	8.66E-01	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.96E-02
FL356B	3.86E-02	6.67E-00	0.00E+00	6.67E-01	0.00E+00	0.00E+00	4.56E-00	2.56E-00	1.76E-02	1.96E-01	0.00E+00	0.00E+00	1.21E-10	2.33E-09	1.67E-02	6.76E-05	0.00E+00	0.00E+00	6.02E-04	2.40E-01	8.72E-01	0.00E+00	1.04E-00	3.12E-07	4.93E-02	1.70E-04	1.26E-01	0.00E+00	8.72E-01	2.66E-07	8.72E-01	8.73E-01	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.96E-02
FL356BA	3.93E-02	6.20E-00	0.00E+00	6.20E-01	0.00E+00	0.00E+00	4.07E-00	2.33E-00	1.64E-02	2.03E-01	0.00E+00	0.00E+00	1.06E-10	2.11E-09	1.51E-02	0.00E+00	0.00E+00	0.00E+00	5.49E-04	2.16E-01	8.67E-01	0.00E+00	9.52E-00	3.29E-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	2.96E-02
FL358B	3.75E-02	6.62E-00	6.47E-00	6.62E-01	2.39E-04	0.00E+00	4.88E-00	2.62E-00	1.74E-02	1.91E-01	0.00E+00	6.81E-05	1.22E-10	2.33E-09	1.69E-02	6.76E-05	0.00E+00	0.00E+00	6.06E-04	2.39E-01	8.98E-01	0.00E+00	1.04E-00	3.08E-07	4.83E-02	1.72E-04	1.26E-01	0.00E+00	8.98E-01	2.74E-07	9.80E-01	9.79E-01	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.63E-02
FL358BA	4.40E-02	6.93E-00	0.00E+00	6.93E-01	0.00E+00	0.00E+00	4.59E-00	2.60E-00	2.08E-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	8.98E-01	0.00E+00	1.06E-00	3.57E-07	5.70E-02	1.74E-04	1.26E-01	0.00E+00	8.98E-01	2.73E-07	9.88E-01	9.79E-01	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.64E-02
FL360B	3.86E-02	6.67E-00	0.00E+00	6.67E-01	0.00E+00	0.00E+00	4.56E-00	2.56E-00	1.76E-02	1.91E-01	0.00E+00	0.00E+00	1.21E-10	2.33E-09	1.67E-02	6.76E-05	0.00E+00	0.00E+00	6.02E-04	2.40E-01	8.72E-01	0.00E+00	1.04E-00	3.12E-07	4.93E-02	1.70E-04	1.26E-01	0.00E+00	8.72E-01	2.66E-07	8.72E-01	8.74E-01	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.96E-02
FL360BA	3.76E-02	6.57E-00	6.47E-00	6.58E-01	2.39E-04	0.00E+00	4.92E-00	2.55E-00	1.75E-02	1.91E-01	0.00E+00	6.81E-05	1.21E-10	2.33E-09	1.67E-02	6.76E-05	0.00E+00	0.00E+00	5.99E-04	2.38E-01	8.77E-01	0.00E+00	1.03E-00	3.08E-07	4.86E-02	1.72E-04	1.21E-01	0.00E+00	8.77E-01	2.72E-07	8.77E-01	8.80E-01	1.21E-01	0.00E+00	0.00E+00		

FL432A	7.53E-01	1.08E+00	9.79E-08	1.06E+00	3.62E-04	0.00E+00	9.84E-01	4.39E-07	3.54E-03	3.91E-02	2.07E-11	3.94E-10	2.74E-03	8.72E-05	0.00E+00	0.00E+00	1.02E-04	4.28E-02	1.49E+01	0.00E+00	1.78E-09	5.84E-09	9.59E-02	3.13E-05	2.10E-02	0.00E+00	1.49E+01	4.88E-08	1.49E+01	1.49E+01	2.10E-02	0.00E+00	0.00E+00	0.00E+00	4.44E-09		
FL433A	7.78E-03	1.29E+00	1.83E-07	1.27E+00	8.01E-04	0.00E+00	1.46E+00	5.99E-07	3.31E-03	3.82E-02	0.00E+00	1.51E-04	2.82E-11	5.19E-10	3.43E-03	1.35E-04	0.00E+00	0.00E+00	1.45E-04	5.54E-02	1.77E+01	0.00E+00	2.29E-09	6.39E-09	8.81E-02	4.00E-05	2.80E-02	0.00E+00	1.77E+01	6.43E-08	1.77E+01	1.78E+01	2.80E-02	0.00E+00	0.00E+00	0.00E+00	6.18E-03
FL434A	4.86E-03	7.25E-01	0.00E+00	7.25E-01	0.00E+00	0.00E+00	4.75E-01	2.72E-07	2.15E-03	2.36E-02	0.00E+00	0.00E+00	1.28E-11	2.47E-10	1.77E-03	0.00E+00	0.00E+00	6.42E-05	2.55E-02	1.01E+01	0.00E+00	1.11E-09	3.74E-08	5.96E-02	1.81E-05	1.35E-02	0.00E+00	1.01E+01	2.86E-08	1.02E+01	1.01E+01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	2.79E-03	
FL450A	2.31E-03	2.81E-01	4.31E-07	2.84E-01	1.19E-07	0.00E+00	2.14E+00	1.74E-07	9.54E-04	1.06E-02	0.00E+00	3.99E-04	7.89E-12	1.19E-10	8.73E-04	3.72E-04	0.00E+00	0.00E+00	4.02E-05	9.95E-03	3.44E+00	0.00E+00	5.94E-10	1.73E-09	2.81E-03	8.88E-08	4.79E-03	0.00E+00	3.44E+00	1.69E-08	3.44E+00	3.43E+00	4.79E-03	0.00E+00	0.00E+00	0.00E+00	1.69E-03
FL459A	2.22E-03	2.88E-01	3.53E-07	2.93E-01	1.27E-07	0.00E+00	1.45E+00	1.63E-07	9.33E-04	1.04E-02	0.00E+00	3.91E-04	7.44E-12	1.41E-10	1.28E-03	3.82E-04	0.00E+00	0.00E+00	3.64E-05	9.42E-03	3.22E+00	0.00E+00	5.91E-10	1.83E-09	3.05E-03	7.70E-08	5.92E-03	0.00E+00	3.22E+00	1.46E-08	3.22E+00	3.21E+00	5.92E-03	0.00E+00	0.00E+00	0.00E+00	1.62E-03
FL460A	3.11E-03	4.89E-01	4.46E-07	4.91E-01	2.78E-07	0.00E+00	4.00E+00	3.79E-07	4.60E-04	5.13E-02	0.00E+00	8.16E-03	1.94E-11	3.77E-10	3.15E-03	7.83E-04	0.00E+00	0.00E+00	8.89E-05	1.86E-02	6.80E+00	0.00E+00	1.69E-09	2.49E-08	3.69E-02	1.81E-05	1.24E-02	0.00E+00	6.83E+00	3.64E+00	6.84E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	3.94E-03	
FL461A	3.41E-03	5.13E-01	8.84E-07	5.13E-01	3.27E-07	0.00E+00	4.26E+00	3.43E-07	1.48E-03	1.68E-02	0.00E+00	8.84E-04	1.79E-11	3.46E-10	2.97E-03	8.99E-04	0.00E+00	0.00E+00	8.53E-05	1.81E-02	7.62E+00	0.00E+00	1.50E-09	2.74E-08	4.17E-02	1.46E-05	1.29E-02	0.00E+00	7.62E+00	3.62E+00	7.62E+00	6.79E+00	1.29E-02	0.00E+00	0.00E+00	0.00E+00	3.82E-03
FL462A	1.91E-03	3.02E-01	0.00E+00	3.02E-01	0.00E+00	0.00E+00	1.98E-01	1.13E-07	9.87E-04	9.84E-03	0.00E+00	0.00E+00	5.31E-12	1.03E-10	7.38E-04	0.00E+00	0.00E+00	2.87E-05	1.06E-02	4.21E+00	0.00E+00	4.83E-10	1.58E-08	2.49E-03	7.55E-08	6.02E-03	0.00E+00	4.21E+00	1.19E-08	4.21E+00	4.22E+00	6.02E-03	0.00E+00	0.00E+00	0.00E+00	1.19E-03	
FL463A	2.86E-03	3.94E-01	0.00E+00	3.94E-01	0.00E+00	0.00E+00	2.93E-01	1.49E-07	1.17E-03	1.29E-02	0.00E+00	0.00E+00	8.94E-12	1.34E-10	9.62E-04	0.00E+00	0.00E+00	3.49E-05	1.39E-02	5.51E+00	0.00E+00	2.10E-09	2.63E-08	3.24E-03	9.87E-08	7.35E-03	0.00E+00	5.51E+00	1.55E-08	5.51E+00	5.52E+00	7.35E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-03	
FL465A	3.57E-03	5.56E-01	1.08E-08	5.54E-01	4.01E-07	0.00E+00	3.90E+00	6.01E-07	1.11E-03	1.63E-02	0.00E+00	1.11E-03	6.59E-11	2.92E-10	1.15E-02	1.16E-03	0.00E+00	0.00E+00	1.36E-04	2.31E-02	6.50E+00	0.00E+00	1.05E-09	2.79E-08	4.30E-03	1.65E-05	1.39E-02	0.00E+00	6.52E+00	7.62E+00	7.43E+00	1.39E-02	0.00E+00	0.00E+00	0.00E+00	6.03E-03	
FL466A	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	6.41E-12	1.02E-10	1.30E-03	0.00E+00	0.00E+00	4.73E-05	1.88E-02	7.47E+00	0.00E+00	8.20E-10	2.78E-08	4.43E-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	
FL467A	3.73E-03	6.17E-01	9.38E-07	6.04E-01	3.47E-07	0.00E+00	3.91E+00	6.10E-07	1.98E-03	1.73E-02	0.00E+00	9.62E-04	3.49E-11	6.60E-10	4.89E-03	9.82E-04	0.00E+00	0.00E+00	1.33E-04	2.92E-02	8.70E+00	0.00E+00	2.06E-09	2.88E-08	4.46E-03	2.02E-05	1.74E-02	0.00E+00	8.70E+00	6.26E-08	8.70E+00	8.54E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	5.86E-03
FL468A	3.46E-03	6.89E-01	8.94E-07	6.96E-01	3.84E-07	0.00E+00	4.58E+00	8.17E-07	1.51E-03	1.68E-02	0.00E+00	1.01E-03	4.27E-11	8.34E-10	5.34E-03	1.70E-04	0.00E+00	0.00E+00	1.79E-04	5.22E-02	1.25E+01	0.00E+00	2.96E-09	2.82E-08	4.22E-03	3.78E-05	2.81E-02	0.00E+00	1.29E+01	8.69E-08	1.29E+01	1.28E+01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	7.57E-03
FL472A	2.31E-03	2.36E-01	1.77E-07	2.36E-01	6.54E-08	0.00E+00	1.14E+00	1.49E-07	9.62E-04	1.09E-02	0.00E+00	1.68E-04	6.92E-12	1.24E-10	9.33E-04	1.70E-04	0.00E+00	0.00E+00	3.22E-05	9.32E-03	2.51E+00	0.00E+00	5.51E-10	1.89E-08	2.65E-03	7.01E-08	3.49E-03	0.00E+00	2.51E+00	1.49E-08	2.51E+00	2.79E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	1.36E-03
FL473A	2.35E-03	2.51E-01	1.77E-07	2.56E-01	6.54E-08	0.00E+00	1.14E+00	1.42E-07	9.62E-04	1.09E-02	0.00E+00	1.68E-04	6.92E-12	1.24E-10	9.33E-04	1.76E-04	0.00E+00	0.00E+00	3.26E-05	9.45E-03	2.49E+00	0.00E+00	5.51E-10	1.89E-08	2.69E-03	7.01E-08	3.49E-03	0.00E+00	2.49E+00	1.49E-08	2.49E+00	3.47E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	1.39E-03
FL474A	2.37E-03	2.91E-01	1.77E-07	2.86E-01	6.54E-08	0.00E+00	1.15E+00	1.58E-07	1.01E-03	1.10E-02	0.00E+00	1.68E-04	7.89E-12	1.46E-10	1.12E-03	1.70E-04	0.00E+00	0.00E+00	3.64E-05	1.86E-02	3.85E+00	0.00E+00	6.33E-10	1.93E-08	2.69E-03	1.10E-05	7.53E-03	0.00E+00	3.85E+00	1.69E-08	3.85E+00	4.34E+00	7.53E-03	0.00E+00	0.00E+00	0.00E+00	1.51E-03
FL475A	2.37E-03	3.13E-01	1.77E-07	3.14E-01	6.54E-08	0.00E+00	1.15E+00	1.69E-07	1.01E-03	1.10E-02	0.00E+00	1.68E-04	8.08E-12	1.55E-10	1.18E-03	1.76E-04	0.00E+00	0.00E+00	3.91E-05	1.79E-02	4.17E+00	0.00E+00	6.56E-10	1.93E-08	2.69E-03	1.10E-05	7.53E-03	0.00E+00	4.17E+00	1.71E-08	4.17E+00	4.62E+00	7.53E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-03
FL476A	2.37E-03	3.22E-01	1.77E-07	3.23E-01	6.54E-08	0.00E+00	1.15E+00	1.78E-07	1.01E-03	1.10E-02	0.00E+00	1.68E-04	8.08E-12	1.61E-10	1.29E-03	1.76E-04	0.00E+00	0.00E+00	4.11E-05	1.72E-02	4.36E+00	0.00E+00	6.92E-10	1.93E-08	2.69E-03	1.12E-05	7.53E-03	0.00E+00	4.36E+00	1.83E-08	4.36E+00	4.78E+00	7.53E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-03
FL477A	2.84E-03	4.37E-01	1.77E-07	4.41E-01	6.54E-08	0.00E+00	1.15E+00	2.03E-07	1.13E-03	1.24E-02	0.00E+00	1.68E-04	9.39E-12	1.92E-10	1.42E-03	1.76E-04	0.00E+00	0.00E+00	4.77E-05	2.12E-02	6.23E+00	0.00E+00	8.02E-10	2.14E-08	3.02E-03	1.95E-05	9.45E-03	0.00E+00	6.23E+00	2.07E-08	6.23E+00	6.95E+00	9.45E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-03
FL478A	4.36E-03	6.94E-01	1.04E-07	6.96E-01	3.84E-07	0.00E+00	4.86E+01	3.02E-07	1.96E-03	2.16E-02	0.00E+00	9.11E-03	1.53E-11	2.78E-10	2.86E-03	9.32E-05	0.00E+00	0.00E+00	7.14E-05	8.82E-02	1.02E+01	0.00E+00	1.21E-09	3.54E-08	5.27E-02	2.15E-05	1.49E-02	0.00E+00	1.02E+01	3.24E-08	1.02E+01	1.01E+01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	3.96E-03
FL479A	3.57E-03	6.26E-01	1.63E-07	6.24E-01	6.01E-08	0.00E+00	1.11E+00	2.63E-07	1.59E-03	1.79E-02	0.00E+00	1.51E-04	1.22E-11	2.34E-10	1.62E-03	1.35E-04	0.00E+00	0.00E+00	8.89E-05	2.36E-02	7.84E+00	0.00E+00	9.88E-10	2.93E-08	4.35E-02	1.62E-05	1.12E-02	0.00E+00	7.84E+00	2.57E-08	7.84E+00	8.07E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	2.57E-03
FL480A	3.91E-03	7.00E-01	1.63E-07	6.99E-01	6.01E-08	0.00E+00	1.19E+00	3.89E-07	1.72E-03	1.91E-02	0.00E+00	1.51E-04	1.74E-11	3.33E-10	2.29E-03	1.56E-04	0.00E+00	0.00E+00	8.69E-05	3.66E-02	1.16E+01	0.00E+00	1.56E-09	3.22E-08	4.79E-02	2.83E-05	1.89E-02	0.00E+00	1.16E+01	3.90E-08	1.16E+01	1.16E+01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	3.86E-03
FL481A	8.40E-03	1.34E+00	9.79E-08	1.39E+00	3.62E-04	0.00E+00	1.19E+00	5.84E-07	4.03E-03	4.43E-02	0.00E+00	8.52E-03	2.81E-11	5.01E-10	3.54E-03	8.72E-05	0.00E+00	0.00E+00	1.39E-04	3.52E-02	1.88E+01	0.00E+00	2.37E-09	6.89E-08	1.11E-02	4.24E-05	2.96E-02	0.00E+00	1.88E+01	6.02E-08	1.88E+01	1.88E+01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	5.82E-03
FL482A	8.36E-03	1.29E+00	9.79E-08	1.29E+00	3.62E-04	0.00E+00	1.15E+00	5.23E-07	4.03E-03	4.43E-02	0.00E+00	8.52E-03	2.81E-11	4.76E-10	3.15E-03	8.72E-05	0.00E+00	0.00E+00	1.26E-04	3.50E-02	1.79E+01	0.00E+00	2.10E-09	6.55E-08	1.09E-02	3.57E-05	2.91E-02	0.00E+00	1.79E+01	5.85E-08	1.79E+01	1.79E+01	2.91E-02	0.00E+00	0.00E+00	0.00E+00	5.59E-03
FL483A	1.03E-02	1.54E+00	9.79E-08	1.54E+00	3.62E-04	0.00E+00	1.29E+00	6.24E-07	5.04E-03	5.59E-02	0.00E+00	8.52E-03	2.92E-11	5.83E-10	3.92E-03	1.47E-04	0.00E+00	0.00E+00	1.47E-04	6.06E-02	1.76E+01	0.00E+00	2.62E-09	6.17E-08	1.34E-02	4.63E-05	3.18E-02	0.00E+00	2.18E+01	6.64E-08	2.18E+01	2.18E+01	3.18E-02	0.00E+00	0.00E+00	0.00E+00	6.48E-03
FL492A	2.29E-03	2.39E-01	1.77E-07	2.29E-01	6.54E-08	0.00E+00</																															

FL557A	1.165-0.179E+0	1.79E+0	0.00E+0	1.78E+0	0.00E+0	0.00E+0	1.20E+0	6.69E-0	5.02E-0	8.26E-0	0.00E+0	0.00E+0	0.00E+0	3.13E-1	5.97E-10	4.37E-0	0.00E+0	0.00E+0	0.00E+0	1.62E-04	7.00E-02	2.46E+01	0.00E+0	2.94E-00	9.31E-09	1.54E+02	5.37E-05	3.60E-02	0.00E+0	2.46E+01	7.32E-08	2.46E+01	2.46E+01	3.60E-02	0.00E+0	0.00E+0	0.00E+0	8.96E-03
FL558A	1.07E-02	1.98E+0	8.47E-08	1.86E+0	2.39E-04	0.00E+0	1.46E+0	6.99E-07	5.03E-03	5.53E-02	0.00E+0	6.81E-05	3.06E-11	6.11E-10	4.76E-03	6.76E-05	0.00E+0	0.00E+0	1.84E-04	6.81E-02	3.30E+01	0.00E+0	2.78E-00	8.73E-08	1.39E-02	4.99E-05	3.34E-02	0.00E+0	2.30E+01	7.58E-08	2.33E+01	2.31E+01	3.34E-02	0.00E+0	0.00E+0	0.00E+0	7.13E-03	
FL559A	1.59E-02	2.59E+0	0.00E+0	2.59E+0	0.00E+0	0.00E+0	1.68E+0	9.83E-07	7.52E-03	8.23E-02	0.00E+0	0.00E+0	4.58E-11	8.89E-10	5.32E-03	8.02E+00	0.00E+0	0.00E+0	2.33E-04	9.83E-02	3.45E+01	0.00E+0	4.19E-00	1.28E-07	2.96E+02	8.78E-05	4.99E-02	0.00E+0	3.45E+01	1.03E-07	3.47E+01	3.47E+01	4.99E-02	0.00E+0	0.00E+0	0.00E+0	1.91E-02	
FL560E	2.87E-03	3.87E+01	8.23E-08	3.13E-01	3.03E-08	0.00E+0	1.12E+01	1.54E-07	1.21E-03	1.31E-02	0.00E+0	8.43E-03	7.26E-12	1.46E-10	9.03E-04	8.62E-05	0.00E+0	0.00E+0	3.44E-05	1.93E-02	3.24E+00	0.00E+0	3.34E-00	2.23E-08	3.14E+03	1.01E-03	6.17E-03	0.00E+0	3.24E+00	1.39E-08	3.24E+00	3.32E+00	6.17E-03	0.00E+0	0.00E+0	0.00E+0	1.41E-03	
FL561E	3.76E-03	6.77E+01	7.67E-08	6.97E+01	2.94E-04	0.00E+0	1.16E+01	3.01E-02	1.65E-03	1.93E-02	0.00E+0	7.84E-03	1.38E-11	2.69E-10	1.79E-03	8.02E-05	0.00E+0	0.00E+0	7.15E-04	3.44E-02	1.11E+01	0.00E+0	2.34E-00	3.99E-08	4.03E+02	3.96E-05	1.61E-02	0.00E+0	1.11E+01	3.98E-08	1.11E+01	1.11E+01	1.61E-02	0.00E+0	0.00E+0	0.00E+0	3.16E-03	
FL562E	6.96E-03	1.14E+00	7.67E+00	1.17E+00	2.84E-08	0.00E+0	3.96E+00	4.69E-07	7.84E-03	1.26E+01	2.16E-11	4.26E-10	2.99E-03	6.00E-05	0.00E+0	0.00E+0	1.06E-04	4.40E-02	1.60E+01	1.85E-08	5.62E-08	8.72E-03	3.19E-05	2.00E+00	2.00E+00	1.60E+01	1.60E+01	4.69E-07	1.60E+01	1.60E+01	2.00E+00	2.00E+00	0.00E+0	0.00E+0	0.00E+0	4.66E-03		
FL570E	2.85E-03	3.38E+01	7.64E-08	3.38E+01	2.69E-08	0.00E+0	8.99E+01	1.73E-07	1.31E-03	1.46E-02	0.00E+0	7.29E-05	7.89E-12	1.39E-10	9.18E-04	7.36E-05	0.00E+0	0.00E+0	3.91E-05	1.99E-02	3.99E+00	0.00E+0	6.21E-10	2.39E-08	3.99E-02	1.98E-05	8.74E-03	0.00E+0	3.99E+00	1.839E-08	3.99E+00	4.28E+00	8.74E-03	0.00E+0	0.00E+0	0.00E+0	1.59E-03	
FL571E	6.86E-03	1.12E+00	1.63E-07	1.13E+00	6.91E-04	0.00E+0	1.33E+00	4.41E-07	3.01E-03	3.30E-02	0.00E+0	1.51E-04	2.04E-11	3.99E-10	2.79E-03	1.58E-04	0.00E+0	0.00E+0	1.02E-04	3.97E-02	1.58E+01	0.00E+0	1.73E-00	5.43E-08	8.49E-03	2.97E-05	1.98E-02	0.00E+0	1.59E+01	4.48E-08	1.59E+01	1.60E+01	1.98E-02	0.00E+0	0.00E+0	0.00E+0	4.38E-03	
FL572E	1.09E-02	3.61E+01	8.47E-08	1.86E+01	2.39E-04	0.00E+0	1.38E+00	6.78E-07	5.11E-03	5.52E-02	0.00E+0	6.81E-05	2.96E-11	5.87E-10	3.93E-03	6.76E-05	0.00E+0	0.00E+0	1.98E-04	5.99E-02	3.23E+01	0.00E+0	2.92E-00	8.79E-08	1.49E-02	4.93E-05	2.97E-02	0.00E+0	2.33E+01	7.17E-08	2.32E+01	2.33E+01	2.97E-02	0.00E+0	0.00E+0	0.00E+0	6.89E-03	
FL579E	2.47E-03	3.91E+01	7.95E-08	4.33E+01	2.92E-04	0.00E+0	9.41E+01	2.07E-07	1.81E-03	1.23E-02	0.00E+0	9.06E-05	9.26E-12	1.74E-10	1.29E-03	8.26E-05	0.00E+0	0.00E+0	4.79E-05	1.88E-02	5.66E+00	0.00E+0	7.86E-00	3.99E-03	3.99E+02	1.92E-05	1.92E-02	0.00E+0	5.66E+00	5.98E-08	5.66E+00	5.98E+00	1.92E-02	0.00E+0	0.00E+0	0.00E+0	2.92E-03	
FL581E	2.62E-03	4.53E+01	7.93E-08	4.53E+01	2.92E-04	0.00E+0	6.44E+01	2.44E-07	1.14E-03	1.30E-02	0.00E+0	8.07E-05	1.05E-11	2.07E-10	1.55E-03	8.26E-05	0.00E+0	0.00E+0	6.69E-05	2.62E-02	7.61E+00	0.00E+0	9.26E-10	2.17E-08	3.29E-03	1.71E-03	1.41E-02	0.00E+0	7.61E+00	2.41E-08	7.61E+00	7.93E+00	1.41E-02	0.00E+0	0.00E+0	0.00E+0	2.43E-03	
FL582E	3.29E-03	6.14E-01	8.47E-08	6.14E-01	2.39E-04	0.00E+0	9.02E-01	2.81E-02	1.46E-03	1.67E-02	0.00E+0	6.81E-03	1.23E-11	2.43E-10	1.67E-03	6.76E-05	0.00E+0	0.00E+0	6.19E-05	2.46E-02	8.45E+00	0.00E+0	1.01E-09	2.72E-08	4.11E-03	1.74E-03	1.33E-02	0.00E+0	8.45E+00	2.92E-08	8.45E+00	8.76E+00	1.33E-02	0.00E+0	0.00E+0	0.00E+0	2.84E-03	
FL590E	5.11E-03	8.39E+01	8.58E-08	8.39E+01	3.17E-09	0.00E+0	7.76E+01	3.58E-07	2.45E-03	4.29E-02	0.00E+0	8.77E-08	1.72E-11	3.12E-10	2.28E-03	8.97E-04	0.00E+0	0.00E+0	8.39E-05	3.12E-02	1.15E+01	0.00E+0	1.47E-00	3.93E-08	6.51E+02	2.42E-05	1.76E-02	0.00E+0	1.15E+01	3.71E-08	1.15E+01	1.15E+01	1.76E-02	0.00E+0	0.00E+0	0.00E+0	3.96E-03	
FL591E	7.91E-03	1.21E+00	0.00E+0	1.21E+00	0.00E+0	0.00E+0	1.61E+00	5.02E-07	3.87E-03	4.29E-02	0.00E+0	0.00E+0	2.36E-11	4.93E-10	3.25E-03	0.00E+0	0.00E+0	0.00E+0	1.19E-04	4.94E-02	1.73E+01	0.00E+0	2.13E-00	6.23E-08	1.04E-02	3.79E-05	2.54E-02	0.00E+0	1.73E+01	5.93E-08	1.73E+01	1.72E+01	2.54E-02	0.00E+0	0.00E+0	0.00E+0	5.94E-03	
FL592E	1.04E-02	1.81E+00	0.00E+0	1.81E+00	0.00E+0	0.00E+0	1.54E+00	6.45E-07	4.90E-03	5.36E+00	0.00E+0	0.00E+0	3.09E-11	5.96E-10	4.00E-03	0.00E+0	0.00E+0	0.00E+0	1.56E-04	6.33E-02	2.06E+01	0.00E+0	2.82E-00	6.24E-08	1.35E+01	5.11E-05	3.43E-02	0.00E+0	2.06E+01	6.24E-08	2.06E+01	2.06E+01	3.43E-02	0.00E+0	0.00E+0	0.00E+0	6.95E-03	
FL600E	3.53E-03	6.89E+01	8.47E-08	6.82E+01	2.39E-04	0.00E+0	1.07E+00	3.93E-07	1.58E-03	1.81E-02	0.00E+0	6.81E-05	1.57E-11	3.98E-10	2.15E-03	6.76E-05	0.00E+0	0.00E+0	7.98E-05	3.87E-02	1.18E+01	0.00E+0	1.46E-00	2.92E-08	4.49E-03	3.90E-05	2.03E-02	0.00E+0	1.18E+01	3.59E-08	1.18E+01	1.21E+01	2.03E-02	0.00E+0	0.00E+0	0.00E+0	3.29E-03	
FL601E	1.15E-02	1.81E+00	0.00E+0	1.80E+00	0.00E+0	0.00E+0	1.24E+00	7.09E-07	3.25E-03	5.89E-02	0.00E+0	0.00E+0	3.36E-11	6.34E-10	4.52E-03	0.00E+0	0.00E+0	0.00E+0	1.67E-04	7.09E-02	2.49E+01	0.00E+0	3.96E-00	9.27E-08	1.48E-02	5.48E-05	3.77E-02	0.00E+0	2.49E+01	7.51E-08	2.49E+01	2.51E+01	3.77E-02	0.00E+0	0.00E+0	0.00E+0	7.23E-03	
FL602E	1.45E-02	2.93E+00	8.47E-08	2.93E+00	2.39E-04	0.00E+0	1.90E+00	9.58E-07	6.75E-03	7.36E-02	0.00E+0	6.81E-05	4.33E-11	8.96E-10	5.99E-03	6.76E-05	0.00E+0	0.00E+0	2.26E-04	8.27E-02	3.27E+01	0.00E+0	3.93E-00	1.18E-07	1.86E-02	6.10E-05	4.48E-02	0.00E+0	3.27E+01	1.02E-07	3.27E+01	3.27E+01	4.48E-02	0.00E+0	0.00E+0	0.00E+0	9.71E-03	
FL610E	2.31E-03	2.96E-01	1.77E-07	2.96E-01	6.54E-09	0.00E+0	1.14E+00	1.43E-07	9.91E-04	1.09E-02	0.00E+0	1.68E-04	7.22E-12	1.33E-10	9.95E-04	1.70E-04	0.00E+0	0.00E+0	3.25E-05	1.62E-09	3.58E+00	0.00E+0	5.70E-10	1.87E-08	2.68E-03	1.02E-05	7.01E-03	0.00E+0	3.58E+00	1.41E-08	3.58E+00	3.58E+00	7.01E-03	0.00E+0	0.00E+0	0.00E+0	1.96E-03	
FL620E	2.31E-03	2.66E-01	1.77E-07	2.66E-01	6.54E-09	0.00E+0	1.14E+00	1.44E-07	9.91E-04	1.09E-02	0.00E+0	1.68E-04	7.22E-12	1.32E-10	9.95E-04	1.70E-04	0.00E+0	0.00E+0	3.31E-05	1.66E-02	3.67E+00	0.00E+0	5.70E-10	1.87E-08	2.68E-03	1.02E-05	7.01E-03	0.00E+0	3.67E+00	1.43E+00	3.67E+00	3.67E+00	7.01E-03	0.00E+0	0.00E+0	0.00E+0	1.41E-03	
FL630E	2.31E-03	2.95E-01	1.77E-07	2.95E-01	6.54E-09	0.00E+0	1.14E+00	1.58E-07	9.91E-04	1.09E-02	0.00E+0	1.68E-04	7.30E-12	1.42E-10	1.12E-03	1.70E-04	0.00E+0	0.00E+0	3.86E-05	1.77E-02	4.41E+00	0.00E+0	6.45E-10	1.87E-08	2.68E-03	1.12E-05	7.67E-03	0.00E+0	4.41E+00	1.81E-08	4.41E+00	4.77E+00	7.67E-03	0.00E+0	0.00E+0	0.00E+0	1.57E-03	
FL640E	2.46E-03	4.03E+01	1.77E-07	4.03E+01	6.54E-09	0.00E+0	1.19E+00	1.97E-07	1.08E-03	1.19E-02	0.00E+0	1.68E-04	9.17E-12	1.81E-10	1.39E-03	1.70E-04	0.00E+0	0.00E+0	4.63E-05	2.33E-02	8.20E+00	0.00E+0	7.75E-10	1.98E-08	2.82E-03	1.42E-05	1.03E-02	0.00E+0	6.20E+00	2.04E-08	6.20E+00	6.51E+00	1.03E-02	0.00E+0	0.00E+0	0.00E+0	1.96E-03	
FL643A	2.41E-03	2.87E+01	7.93E-08	2.84E+01	2.92E-04	0.00E+0	1.36E+00	1.89E-07	1.07E-03	1.23E-02	0.00E+0	8.07E-05	8.84E-12	1.79E-10	1.03E-03	8.26E-05	0.00E+0	0.00E+0	4.34E-05	1.83E-02	4.39E+00	0.00E+0	6.73E-10	2.00E-08	3.03E-03	1.12E-03	8.49E-03	0.00E+0	4.39E+00	4.39E+00	4.39E+00	8.49E-03	0.00E+0	0.00E+0	0.00E+0	1.79E-03		
FL644A	2.47E-03	4.09E+01	7.93E-08	4.09E+01	2.92E-04	0.00E+0	1.36E+00	2.31E-07	1.08E-03	1.24E-02	0.00E+0	8.07E-05	1.08E-11	2.24E-10	1.03E-03	8.26E-05	0.00E+0	0.00E+0	5.32E-05	1.91E-02	4.58E+00	0.00E+0	6.87E-10	2.06E-08	3.07E+01	4.18E-03	1.13E-02	0.00E+0	4.58E+00	4.18E+00	4.18E+00	4.18E+00	1.13E-02	0.00E+0	0.00E+0	0.00E+0	2.03E-03	
FL649A	2.45E-03	3.41E+01	7.93E-08	3.41E+01	2.92E-04	0.00E+0	1.36E+00	2.11E-07	1.08E-03	1.24E-02	0.00E+0	8.07E-05	9.75E-12	2.03E-10	1.29E-03	8.26E-05	0.00E+0	0.00E+0	4.97E-05	1.79E-02	4.58E+00	0.00E+0	7.78E-10	2.04E-08	3.04E+01	1.24E-05	1.97E-03	0.00E+0	5.01E+00	1.97E-08	5.01E+00	5.26E+00	1.97E-03	0.00E+0	0.00E+0	0.00E+0	2.03E-03	
FL646A	3.58E-03	5.94E-01	1.43E-08	5.98E-01	5.29E-09	0.00E+0	1.05E+00	3.19E-07	1.70E-03	1.87E-02	0.00E+0	1.48E-05	1.46E-11	2.86E-10	1.99E-03	1.50E-05	0.00E+0	0.00E+0	6.																			

Installation A5	FL995B	1.365-0	2.118-0	1.498-0	2.138-0	5.505-07	0.000-0	0.000-0	4.788-0	2.498-0	6.325-0	8.845-0	0.000-0	1.528-0	1.285-0	2.455-0	2.205-02	1.565-03	0.000-0	0.000-0	5.575-04	9.175-03	3.055-01	0.000-0	0.000-0	8.285-0	1.105-07	1.745-0	6.505-05	5.385-02	0.000-0	3.055-01	2.485-07	3.035-01	3.045-01	5.385-02	0.000-0	0.000-0	0.000-0	2.415-02
	FL996A	1.915-0	1.215-0	4.935-0	1.215-0	1.835-0	0.005-0	3.535-01	4.535-0	3.485-04	3.805-02	0.000-0	5.085-03	2.375-0	4.535-0	4.285-02	5.175-03	0.000-0	0.000-0	1.015-03	1.125-01	2.135-01	0.000-0	1.475-0	1.645-0	1.235-0	8.895-05	6.775-02	0.000-0	2.135-01	4.315-07	2.135-01	2.135-01	6.775-02	0.000-0	0.000-0	0.000-0	4.355-02		
	FL997A	9.855-0	1.475-0	1.435-0	1.475-0	5.295-07	0.000-0	4.215-0	2.435-0	4.885-03	5.355-02	0.000-0	1.485-03	1.275-0	2.415-0	2.235-02	1.565-03	0.000-0	0.000-0	5.445-04	8.485-03	1.705-01	0.000-0	8.345-0	7.835-0	1.315-0	6.115-05	5.205-02	0.000-0	2.105-01	2.505-07	2.135-01	2.005-01	5.205-02	0.000-0	0.000-0	0.000-0	2.345-02		
	FL998A	1.325-02	2.045-0	1.435-0	2.045-01	5.295-07	0.000-0	4.375-01	2.445-0	6.395-03	6.975-02	0.000-0	1.485-03	1.275-0	2.415-0	2.235-02	1.565-03	0.000-0	0.000-0	5.455-04	9.295-03	2.835-01	0.000-0	8.325-0	1.085-07	1.785-02	6.945-05	5.595-02	0.000-0	2.835-01	2.535-07	2.835-01	2.875-01	5.595-02	0.000-0	0.000-0	0.000-0	2.385-02		
	FL999A	1.235-02	2.045-0	1.435-0	2.055-01	5.505-07	0.000-0	4.785-01	2.495-0	6.155-03	6.885-02	0.000-0	1.535-03	1.285-0	2.455-0	2.215-02	1.585-03	0.000-0	0.000-0	5.575-04	9.035-03	2.885-01	0.000-0	8.285-0	1.055-07	1.695-02	6.505-05	5.385-02	0.000-0	2.885-01	2.535-07	2.885-01	2.935-01	5.385-02	0.000-0	0.000-0	0.000-0	2.415-02		
	FL99Z	2.315-03	2.125-01	1.775-07	2.165-01	5.545-07	0.000-0	1.585-01	1.145-07	6.865-04	5.455-02	0.000-0	1.685-04	1.195-01	2.485-0	2.245-02	1.715-04	1.765-04	0.000-0	0.000-0	2.815-05	9.115-03	2.155-01	0.000-0	8.455-0	1.885-0	2.645-0	6.275-08	5.285-03	0.000-0	2.155-01	1.195-08	2.155-01	2.285-01	5.285-03	0.000-0	0.000-0	0.000-0	1.115-03	
	FZ010F	8.845-0	9.285-01	0.005-0	9.205-01	0.005-0	0.005-0	6.045-01	3.445-07	2.745-03	3.005-02	0.005-0	0.005-0	1.625-11	3.135-0	2.245-0	0.000-0	0.005-0	0.005-0	8.155-03	3.235-02	1.265-01	0.000-0	1.415-0	4.755-0	7.975-02	2.305-05	1.725-02	0.000-0	1.295-01	3.635-08	1.265-01	1.265-01	1.725-02	0.000-0	0.000-0	0.000-0	3.505-03		
	FZ010NM	4.885-0	7.835-01	0.000-0	7.835-01	0.000-0	0.000-0	5.155-01	2.945-07	2.335-03	2.555-02	0.000-0	0.000-0	1.385-11	2.885-0	1.915-03	0.000-0	0.000-0	0.000-0	6.505-03	2.735-02	1.085-01	0.000-0	1.305-0	4.045-0	6.445-0	1.965-05	1.485-02	0.000-0	1.085-01	3.085-08	1.085-01	1.105-01	1.485-02	0.000-0	0.000-0	0.000-0	2.985-03		
	FZ021FM2	4.085-0	6.435-01	0.000-0	6.435-01	0.000-0	0.000-0	4.235-01	2.635-07	1.935-03	2.105-02	0.000-0	0.000-0	1.135-11	2.195-0	1.575-03	0.000-0	0.000-0	0.000-0	5.715-03	2.275-02	9.915-0	0.000-0	1.905-0	3.325-0	5.335-0	1.815-05	1.285-02	0.000-0	9.915-0	2.545-08	9.915-0	9.925-0	1.285-02	0.000-0	0.000-0	0.000-0	2.485-03		
	FZ026FM	4.025-0	6.385-01	0.000-0	6.385-01	0.000-0	0.000-0	4.585-01	2.625-07	1.905-03	2.285-02	0.000-0	0.000-0	1.235-11	2.385-0	1.575-03	0.000-0	0.000-0	0.000-0	6.145-03	2.545-02	9.755-0	0.000-0	1.905-0	3.265-0	5.345-0	1.735-05	1.335-02	0.000-0	9.755-0	2.535-08	9.755-0	9.765-0	1.335-02	0.000-0	0.000-0	0.000-0	2.455-03		
	FZ052F	2.995-0	4.725-01	0.000-0	4.725-01	0.000-0	0.000-0	3.085-01	1.775-07	1.455-03	1.545-02	0.000-0	0.000-0	8.305-12	1.815-0	1.155-03	0.000-0	0.000-0	0.000-0	4.185-03	1.885-02	6.595-0	0.000-0	1.745-0	2.435-0	3.895-0	1.185-05	8.795-03	0.000-0	6.595-0	1.885-08	6.595-0	6.605-0	8.795-03	0.000-0	0.000-0	0.000-0	1.795-03		
	FZ071F	2.785-0	4.385-01	0.000-0	4.385-01	0.000-0	0.000-0	2.875-01	1.645-07	1.385-03	1.435-02	0.000-0	0.000-0	7.715-12	1.465-0	1.075-03	0.000-0	0.000-0	0.000-0	3.885-03	1.545-02	6.125-0	0.000-0	6.725-0	2.285-0	3.605-0	1.105-05	8.165-03	0.000-0	6.125-0	1.735-08	6.125-0	6.125-0	8.165-03	0.000-0	0.000-0	0.000-0	1.675-03		
	FZ081F	2.975-0	4.685-01	0.000-0	4.685-01	0.000-0	0.000-0	3.075-01	1.785-07	1.365-03	1.535-02	0.000-0	0.000-0	8.245-12	1.595-0	1.145-03	0.000-0	0.000-0	0.000-0	4.125-03	1.655-02	6.545-0	0.000-0	7.195-0	2.425-0	3.855-0	1.1175-05	8.735-03	0.000-0	6.545-0	1.855-08	6.545-0	6.555-0	8.735-03	0.000-0	0.000-0	0.000-0	1.765-03		
	FZ100A	2.315-0	2.015-01	1.775-07	2.175-01	5.545-07	0.000-0	1.155-01	1.135-07	6.865-04	1.085-02	0.000-0	1.685-04	5.275-02	1.045-0	7.315-04	1.755-04	0.000-0	0.000-0	2.645-05	9.085-03	2.075-0	0.000-0	4.465-0	1.885-0	2.645-0	6.165-08	5.225-03	0.000-0	2.075-0	2.575-08	2.285-01	1.775-08	2.275-0	2.285-01	5.225-03	0.000-0	0.000-0	0.000-0	1.115-03
	FZ131F	2.855-0	4.415-01	0.000-0	4.415-01	0.000-0	0.000-0	2.865-01	1.685-07	1.735-03	1.445-02	0.000-0	0.000-0	7.945-12	1.505-0	1.085-03	0.000-0	0.000-0	0.000-0	3.955-03	1.555-02	6.155-0	0.000-0	6.775-0	2.275-0	3.645-0	1.105-05	8.715-03	0.000-0	6.155-0	1.675-08	6.155-0	6.165-0	8.715-03	0.000-0	0.000-0	0.000-0	1.885-03		
	FZ132F	4.525-0	7.135-01	0.000-0	7.135-01	0.000-0	0.000-0	4.875-01	2.885-07	2.125-03	2.325-02	0.000-0	0.000-0	1.235-11	2.435-0	1.745-03	0.000-0	0.000-0	0.000-0	6.315-03	2.355-02	9.955-0	0.000-0	1.085-0	3.675-0	5.895-0	1.785-05	1.335-02	0.000-0	9.955-0	2.815-08	9.955-0	9.975-0	1.335-02	0.000-0	0.000-0	0.000-0	2.715-03		
	FZ141F	3.855-0	5.785-01	0.000-0	5.785-01	0.000-0	0.000-0	3.785-01	2.175-07	1.715-03	1.885-02	0.000-0	0.000-0	1.015-11	1.985-0	1.415-03	0.000-0	0.000-0	0.000-0	5.125-03	2.335-02	8.055-0	0.000-0	8.855-0	2.975-0	4.745-0	1.445-05	1.075-02	0.000-0	8.055-0	2.275-08	8.055-0	8.065-0	1.075-02	0.000-0	0.000-0	0.000-0	2.195-03		
	FZ142F	5.655-0	8.915-01	0.000-0	8.915-01	0.000-0	0.000-0	5.845-01	3.335-07	2.655-03	2.915-02	0.000-0	0.000-0	1.575-11	3.035-0	2.175-03	0.000-0	0.000-0	0.000-0	7.895-03	3.135-02	1.245-01	0.000-0	1.375-0	4.595-0	7.335-0	2.235-05	1.685-02	0.000-0	1.245-01	3.515-08	1.245-01	1.255-01	1.685-02	0.000-0	0.000-0	0.000-0	3.595-03		
	FZ143F	8.905-0	1.285-0	0.000-0	1.285-0	0.000-0	0.000-0	8.285-01	4.145-07	3.755-03	4.115-02	0.000-0	0.000-0	2.225-11	4.355-0	3.085-03	0.000-0	0.000-0	0.000-0	1.125-04	4.445-03	1.785-01	0.000-0	6.515-0	6.515-0	1.045-02	3.165-05	2.355-02	0.000-0	1.785-01	4.975-08	1.785-01	1.775-01	2.355-02	0.000-0	0.000-0	0.000-0	4.605-03		
	FZ151F	4.635-0	7.305-01	0.000-0																																				

B04693	1.81E-04	1.81E-04	6.35E-04	1.88E-01	0.00E+00	0.00E+00	1.03E-06	3.38E-05	4.25E-04	0.00E+00	4.44E-04	9.19E-11	2.39E-02	7.01E-06	4.49E-02	4.99E-02	3.58E-04	8.99E-02	6.32E-01	0.00E+00	4.54E-10	1.29E-09	9.19E-05	6.15E-06	9.95E-02	0.00E+00	6.32E-01	2.58E-09	6.32E-01	7.31E-01	9.95E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-02			
B04694	2.24E-04	2.24E-01	8.87E-04	2.24E-01	0.00E+00	0.00E+00	2.21E-01	1.27E-09	4.14E-05	5.23E-04	0.00E+00	5.49E-04	3.07E-10	1.13E-10	3.64E-02	7.30E-06	5.98E-02	6.18E-02	4.45E-04	1.11E-01	7.81E-01	0.00E+00	5.59E-10	1.58E-09	1.12E-04	7.83E-06	1.23E-01	0.00E+00	7.81E-01	3.19E-09	7.81E-01	9.05E-01	1.23E-01	0.00E+00	0.00E+00	0.00E+00	1.91E-02	
B04695	5.35E-04	5.42E-01	8.85E-04	5.47E-01	0.00E+00	0.00E+00	4.75E-01	3.05E-04	9.51E-05	1.23E-03	0.00E+00	1.21E-03	2.55E-10	2.81E-10	8.81E-02	5.84E-06	1.38E-01	1.50E-01	1.08E-03	2.70E-01	1.87E+00	0.00E+00	1.31E-09	3.74E-09	2.68E-04	1.94E-05	2.95E-01	0.00E+00	1.87E+00	7.89E-09	1.87E+00	2.18E+00	2.95E-01	0.00E+00	0.00E+00	0.00E+00	4.83E-02	
B04712	1.80E-03	8.81E-01	1.50E-01	6.31E-01	0.00E+00	0.00E+00	9.31E+00	8.88E-09	9.88E-04	5.34E-03	0.00E+00	1.58E-02	7.12E-08	2.08E-09	9.69E-02	1.72E-03	9.42E-02	1.38E-03	1.13E-03	2.87E-01	6.14E+00	0.00E+00	8.26E-09	1.08E-09	1.25E-03	3.15E-05	8.26E-01	0.00E+00	6.14E+00	1.51E-09	6.14E+00	8.98E+00	8.26E-01	0.00E+00	0.00E+00	0.00E+00	4.88E-02	
B04713	1.37E-03	5.81E-01	1.20E-01	4.72E-01	0.00E+00	0.00E+00	6.77E+00	6.43E-09	8.23E-04	3.88E-03	0.00E+00	1.15E-02	5.15E-08	1.51E-09	7.03E-02	1.25E-03	9.32E-02	6.81E-04	8.25E-04	1.94E-01	4.48E+00	0.00E+00	6.25E-09	7.81E-09	9.08E-04	2.32E-05	5.98E-01	0.00E+00	4.48E+00	1.15E-09	4.48E+00	5.68E+00	5.98E-01	0.00E+00	0.00E+00	0.00E+00	3.92E-02	
B04714	2.64E-03	1.18E+00	2.06E-01	9.84E-01	0.00E+00	0.00E+00	4.71E-01	1.38E-10	1.26E-03	7.84E-03	0.00E+00	2.31E-02	1.07E-03	3.08E-10	4.58E-01	2.53E-03	8.04E-02	2.72E-03	1.87E-03	3.93E-01	8.80E+00	0.00E+00	1.02E-09	1.58E-09	1.80E-03	4.69E-05	2.02E-01	0.00E+00	8.80E+00	2.02E-01	9.02E-03	1.02E-10	1.20E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-02	
B04715	3.49E-03	1.59E+00	2.87E-01	1.38E+00	0.00E+00	0.00E+00	1.81E+01	1.72E-09	1.87E-03	1.94E-02	0.00E+00	3.68E-02	1.38E-07	4.04E-09	1.88E-01	3.35E-03	1.04E-01	1.38E-03	2.18E-03	5.17E-01	1.19E+01	0.00E+00	1.81E-09	2.09E-09	2.42E-02	6.18E-05	1.58E+00	0.00E+00	1.19E+01	2.93E-09	1.19E+01	1.38E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-02	
B04716	5.71E-03	2.69E+00	4.60E-01	2.18E+00	0.00E+00	0.00E+00	2.87E+01	2.83E-09	2.68E-03	1.68E-02	0.00E+00	4.87E-02	2.18E-07	6.48E-09	3.28E-01	5.28E-03	2.14E-01	5.69E-02	3.84E-03	9.13E-01	1.95E+01	0.00E+00	2.59E-09	3.43E-09	3.02E-03	1.04E-04	2.62E+00	0.00E+00	1.95E+01	4.90E-09	1.95E+01	2.21E+01	2.62E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01	
B04717	2.20E-02	1.01E+01	1.68E+00	8.43E+00	0.00E+00	0.00E+00	1.06E+02	1.03E-04	1.02E-02	6.89E-02	0.00E+00	1.79E-01	8.03E-07	2.47E-08	1.17E+00	2.85E-01	7.19E-01	1.28E-01	3.28E-01	3.22E+00	7.22E+01	0.00E+00	1.11E-07	1.33E-07	1.93E-02	3.74E-04	9.55E+00	0.00E+00	7.22E+01	3.31E-07	7.22E+01	8.18E+01	9.55E+00	0.00E+00	0.00E+00	0.00E+00	8.95E+00	
B04766	6.09E-06	2.70E-03	5.08E-04	2.19E-03	0.00E+00	0.00E+00	3.16E-02	3.00E-09	2.95E-06	1.81E-05	0.00E+00	5.45E-05	2.41E-10	7.05E-12	3.28E-04	5.84E-06	1.80E-04	0.00E+00	3.80E-06	8.97E-04	2.08E-02	0.00E+00	2.81E-11	3.63E-11	4.22E-08	1.08E-07	2.77E-03	0.00E+00	2.08E-02	5.06E-11	2.08E-02	2.35E-02	2.77E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-04	
B04767	6.09E-06	2.70E-03	5.08E-04	2.19E-03	0.00E+00	0.00E+00	3.16E-02	3.00E-09	2.95E-06	1.81E-05	0.00E+00	5.45E-05	2.41E-10	7.05E-12	3.28E-04	5.84E-06	1.80E-04	0.00E+00	3.80E-06	8.97E-04	2.08E-02	0.00E+00	2.81E-11	3.63E-11	4.22E-08	1.08E-07	2.77E-03	0.00E+00	2.08E-02	5.06E-11	2.08E-02	2.35E-02	2.77E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-04	
B04788	9.23E-05	9.09E-02	5.21E-04	9.04E-02	0.00E+00	0.00E+00	1.04E-01	5.23E-07	1.80E-20	2.19E-04	0.00E+00	2.42E-04	2.44E-10	4.85E-11	1.47E-02	5.84E-06	2.24E-02	2.48E-02	1.80E-04	4.49E-02	3.22E-01	0.00E+00	2.37E-10	6.43E-10	4.69E-03	3.10E-09	5.08E-02	0.00E+00	3.22E-01	1.30E-09	3.22E-01	3.73E-01	5.08E-02	0.00E+00	0.00E+00	0.00E+00	7.72E-03	
B04773	6.09E-06	2.70E-03	5.08E-04	2.19E-03	0.00E+00	0.00E+00	3.16E-02	3.00E-09	2.95E-06	1.81E-05	0.00E+00	5.45E-05	2.41E-10	7.05E-12	3.28E-04	5.84E-06	1.80E-04	0.00E+00	3.80E-06	8.97E-04	2.08E-02	0.00E+00	2.81E-11	3.63E-11	4.22E-08	1.08E-07	2.77E-03	0.00E+00	2.08E-02	5.06E-11	2.08E-02	2.35E-02	2.77E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-04	
B04774	6.09E-06	2.70E-03	5.08E-04	2.19E-03	0.00E+00	0.00E+00	3.16E-02	3.00E-09	2.95E-06	1.81E-05	0.00E+00	5.45E-05	2.41E-10	7.05E-12	3.28E-04	5.84E-06	1.80E-04	0.00E+00	3.80E-06	8.97E-04	2.08E-02	0.00E+00	2.81E-11	3.63E-11	4.22E-08	1.08E-07	2.77E-03	0.00E+00	2.08E-02	5.06E-11	2.08E-02	2.35E-02	2.77E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-04	
B04775	9.23E-05	9.09E-02	5.21E-04	9.04E-02	0.00E+00	0.00E+00	1.04E-01	5.23E-07	1.80E-20	2.19E-04	0.00E+00	2.42E-04	2.44E-10	4.85E-11	1.47E-02	5.84E-06	2.24E-02	2.48E-02	1.80E-04	4.49E-02	3.22E-01	0.00E+00	2.37E-10	6.43E-10	4.69E-03	3.10E-09	5.08E-02	0.00E+00	3.22E-01	1.30E-09	3.22E-01	3.73E-01	5.08E-02	0.00E+00	0.00E+00	0.00E+00	7.72E-03	
B04777	5.29E-04	5.37E-01	5.89E-04	5.36E-01	0.00E+00	0.00E+00	4.71E-01	3.02E-09	9.42E-05	1.23E-03	0.00E+00	1.20E-03	2.54E-10	2.98E-10	8.73E-02	8.84E-06	1.39E-01	1.49E-01	1.07E-03	2.88E-01	1.85E+00	0.00E+00	1.30E-09	3.71E-09	2.83E-04	1.82E-05	2.82E-01	0.00E+00	1.85E+00	7.83E-09	1.83E+00	2.14E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	4.58E-02	
B04783	6.09E-06	2.70E-03	5.08E-04	2.19E-03	0.00E+00	0.00E+00	3.16E-02	3.00E-09	2.95E-06	1.81E-05	0.00E+00	5.45E-05	2.41E-10	7.05E-12	3.28E-04	5.84E-06	1.80E-04	0.00E+00	3.80E-06	8.97E-04	2.08E-02	0.00E+00	2.81E-11	3.63E-11	4.22E-08	1.08E-07	2.77E-03	0.00E+00	2.08E-02	5.06E-11	2.08E-02	2.35E-02	2.77E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-04	
B04784	6.09E-06	2.70E-03	5.08E-04	2.19E-03	0.00E+00	0.00E+00	3.16E-02	3.00E-09	2.95E-06	1.81E-05	0.00E+00	5.45E-05	2.41E-10	7.05E-12	3.28E-04	5.84E-06	1.80E-04	0.00E+00	3.80E-06	8.97E-04	2.08E-02	0.00E+00	2.81E-11	3.63E-11	4.22E-08	1.08E-07	2.77E-03	0.00E+00	2.08E-02	5.06E-11	2.08E-02	2.35E-02	2.77E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-04	
B04785	9.23E-05	9.09E-02	5.21E-04	9.04E-02	0.00E+00	0.00E+00	1.04E-01	5.23E-07	1.80E-20	2.19E-04	0.00E+00	2.42E-04	2.44E-10	4.85E-11	1.47E-02	5.84E-06	2.24E-02	2.48E-02	1.80E-04	4.49E-02	3.22E-01	0.00E+00	2.37E-10	6.43E-10	4.69E-03	3.10E-09	5.08E-02	0.00E+00	3.22E-01	1.30E-09	3.22E-01	3.73E-01	5.08E-02	0.00E+00	0.00E+00	0.00E+00	7.72E-03	
B04786	5.29E-04	5.37E-01	5.89E-04	5.36E-01	0.00E+00	0.00E+00	4.71E-01	3.02E-09	9.42E-05	1.23E-03	0.00E+00	1.20E-03	2.54E-10	2.98E-10	8.73E-02	8.84E-06	1.39E-01	1.49E-01	1.07E-03	2.88E-01	1.85E+00	0.00E+00	1.30E-09	3.71E-09	2.83E-04	1.82E-05	2.82E-01	0.00E+00	1.85E+00	7.83E-09	1.83E+00	2.14E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	4.58E-02	
B04787	5.29E-04	5.37E-01	5.89E-04	5.36E-01	0.00E+00	0.00E+00	4.71E-01	3.02E-09	9.42E-05	1.23E-03	0.00E+00	1.20E-03	2.54E-10	2.98E-10	8.73E-02	8.84E-06	1.39E-01	1.49E-01	1.07E-03	2.88E-01	1.85E+00	0.00E+00	1.30E-09	3.71E-09	2.83E-04	1.82E-05	2.82E-01	0.00E+00	1.85E+00	7.83E-09	1.83E+00	2.14E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00	4.58E-02	
FD32PN	2.69E-03	1.18E+00	2.29E-01	9.79E-01	0.00E+00	0.00E+00	1.40E+01	1.33E-09	1.29E-03	7.99E-03	0.00E+00	2.38E-02	1.07E-07	3.12E-09	1.44E-01	5.28E-03	7.97E-02	0.00E+00	1.68E-03	3.97E-01	9.18E+00	0.00E+00	1.34E-09	1.61E-08	1.87E-03	4.77E-05	1.23E+00	0.00E+00	9.18E+00	2.25E-08	9.18E+00	1.04E+01	1.23E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-02	
FD32TN	5.41E-03	2.49E+00	4.52E-01	1.99E+00	0.00E+00	0.00E+00	2.81E+01	2.87E-09	2.58E-03	1.81E-02	0.00E+00	4.75E-02	2.15E-07	6.78E-09	2.90E-01	5.19E-03	1.60E-01	0.00E+00	3.38E-03	7.98E-01	1.85E+01	0.00E+00	2.50E-09	3.23E-09	3.71E-03	3.79E-05	9.55E-02	0.00E+00	1.85E+00	4.33E-09	1.83E+01	1.83E+01	2.14E+00	2.48E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01
FD42TN	3.16E-03	1.41E+00	2.26E-01	1.15E+00	0.00E+00	0.00E+00	1.69E+01	1.57E-05	1.47E-02	9.48E-03	0.00E+00	1.26E-02	1.26E-07	3.12E-09	1.77E-01	3.96E-03	9.42E-02	0.00E+00	1.96E-03	4.70E-01	1.05E+00	0.00E+00	1.47E-09	1.90E-08	2.21E-03	9.84E-05	1.45E+00	0.00E+00	1.05E+00	1.23E+01	1.17E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-02		
FD42TN	6.65E-03	2.95E+00	5.55E-01	2.15E+00	0.00E+00	0.00E+00	3.45E+01	3.28E-05	3.17E-03	1.97E-02	0.00E+00	8.83E-02	2.84E-07	7.71E-09	3.57E-01	6.38E-03	1.97E-01	0.00E+00	4.15E-03	9.81E-01	2.27E+01	0.00E+00	3.07E-09	3.97E-08	4.61E-03	1.18E-04	3.03E+00	0.00E+00	2.27E+01	5.57E-08	2.27E+01	2.57E+01	3.03E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-01	
FD52PN	3																																					

	FL125A	3.35E-04	1.48E-01	2.80E-00	1.20E-01	1.43E-10	0.00E+00	1.72E-02	1.64E-04	1.58E-02	9.87E-02	0.00E+00	2.92E-01	1.32E-08	3.86E-08	1.79E-00	3.19E-02	9.95E-01	3.00E-02	2.10E-02	4.03E-00	1.14E-02	0.00E+00	1.53E-07	1.99E-07	2.31E-02	5.89E-04	1.52E-01	0.00E+00	1.14E-02	2.80E-07	1.14E-02	1.20E-02	1.52E-01	0.00E+00	0.00E+00	0.00E+00	8.96E-01		
	FL125AC	3.35E-02	1.48E-01	2.80E-00	1.20E-01	1.43E-10	0.00E+00	1.72E-02	1.64E-04	1.58E-02	9.87E-02	0.00E+00	2.92E-01	1.32E-08	3.86E-08	1.79E-00	3.19E-02	9.95E-01	3.00E-02	2.10E-02	4.03E-00	1.14E-02	0.00E+00	1.53E-07	1.99E-07	2.31E-02	5.89E-04	1.52E-01	0.00E+00	1.14E-02	2.80E-07	1.14E-02	1.20E-02	1.52E-01	0.00E+00	0.00E+00	0.00E+00	8.96E-01		
	FL126A	2.21E-04	2.39E-02	1.63E-02	9.87E-02	1.04E-10	0.00E+00	4.09E-01	4.88E-07	7.29E-05	5.96E-04	0.00E+00	1.32E-03	3.15E-08	4.61E-11	7.09E-04	1.06E-04	1.29E-03	1.53E-02	9.02E-05	7.48E-04	4.88E-01	0.00E+00	7.59E-10	9.84E-10	1.40E-04	8.57E-08	7.77E-02	0.00E+00	4.88E-01	4.12E-10	4.88E-01	5.48E-01	7.77E-02	0.00E+00	0.00E+00	0.00E+00	7.73E-03		
	FL126AC	7.81E-03	3.40E-00	6.52E-01	2.81E-00	1.17E-10	0.00E+00	3.97E-01	3.78E-08	3.87E-03	2.30E-02	0.00E+00	6.78E-02	3.03E-07	8.83E-09	4.07E-01	8.45E-03	2.28E-01	1.91E-02	4.85E-01	1.12E-00	2.83E-01	0.00E+00	3.46E-08	4.61E-08	5.37E-03	1.41E-04	3.52E-00	0.00E+00	2.83E-01	6.41E-08	2.83E-01	2.98E-01	3.52E-00	0.00E+00	0.00E+00	0.00E+00	2.10E-01		
	FL127AM	1.88E-04	2.93E-02	1.48E-02	6.30E-02	8.73E-11	0.00E+00	4.14E-01	4.12E-07	8.14E-09	5.02E-04	0.00E+00	1.11E-03	2.87E-08	9.92E-11	9.69E-04	8.76E-03	1.07E-01	1.29E-02	7.60E-05	5.66E-04	3.99E-01	0.00E+00	6.40E-10	8.12E-10	1.17E-04	7.21E-08	6.59E-02	0.00E+00	3.99E-01	3.99E-01	3.99E-01	6.59E-02	0.00E+00	0.00E+00	0.00E+00	6.51E-03			
	FL128AM	2.06E-04	2.93E-02	1.48E-02	6.30E-02	8.73E-11	0.00E+00	4.14E-01	4.12E-07	8.14E-09	5.02E-04	0.00E+00	1.11E-03	2.87E-08	9.92E-11	9.69E-04	8.76E-03	1.07E-01	1.41E-02	8.16E-05	1.10E-04	4.20E-01	0.00E+00	6.83E-10	8.67E-10	1.20E-04	7.21E-08	7.00E-02	0.00E+00	3.99E-01	3.99E-01	3.99E-01	7.00E-02	0.00E+00	0.00E+00	0.00E+00	7.02E-03			
	FL129A	8.30E-03	3.81E-00	6.83E-01	2.80E-00	1.13E-10	0.00E+00	4.21E-01	4.01E-08	3.80E-03	2.44E-02	0.00E+00	7.17E-02	3.21E-07	9.36E-09	4.32E-01	7.80E-03	2.41E-01	2.16E-02	5.18E-03	1.19E-00	2.79E-01	0.00E+00	3.76E-08	4.89E-08	5.70E-02	1.50E-04	3.73E-00	0.00E+00	2.79E-01	8.80E-08	2.79E-01	3.16E-01	3.73E-00	0.00E+00	0.00E+00	0.00E+00	2.23E-01		
	FL129AC	8.30E-03	3.81E-00	6.83E-01	2.80E-00	1.13E-10	0.00E+00	4.21E-01	4.01E-08	3.80E-03	2.44E-02	0.00E+00	7.17E-02	3.21E-07	9.36E-09	4.32E-01	7.80E-03	2.41E-01	2.16E-02	5.18E-03	1.19E-00	2.79E-01	0.00E+00	3.76E-08	4.89E-08	5.70E-02	1.50E-04	3.73E-00	0.00E+00	2.79E-01	8.80E-08	2.79E-01	3.16E-01	3.73E-00	0.00E+00	0.00E+00	0.00E+00	2.23E-01		
	FL130A	1.91E-02	8.37E-00	4.98E+00	3.78E-01	2.21E-08	0.00E+00	4.87E-01	4.80E-05	4.89E-03	3.91E-02	0.00E+00	6.15E-02	3.89E-07	1.94E-08	4.43E-01	9.37E-03	8.09E-04	2.52E-00	2.23E-02	1.23E-00	3.29E-01	0.00E+00	4.56E-08	5.85E-08	7.03E-03	2.15E-04	4.49E-00	0.00E+00	3.29E-01	1.62E-07	3.29E-01	3.74E-01	4.49E-00	0.00E+00	0.00E+00	0.00E+00	2.83E-01		
	FL151A	6.53E-05	1.69E-02	4.80E-02	2.57E-02	1.58E-11	0.00E+00	2.96E-01	2.21E-07	4.58E-04	1.86E-05	4.16E-11	9.00E-06	4.81E-04	1.96E-08	4.16E-11	9.00E-06	4.32E-04	3.42E-03	1.75E-02	1.75E-02	1.75E-02	0.00E+00	4.92E-10	6.78E-10	4.17E-05	1.82E-06	2.50E-00	0.00E+00	1.75E-02	1.75E-02	1.75E-02	1.82E-06	2.50E-00	0.00E+00	0.00E+00	1.97E-03			
	FL152A	1.64E-04	8.94E-02	1.33E-02	6.25E-02	2.04E-11	0.00E+00	7.20E-01	8.89E-07	7.15E-05	4.73E-04	0.00E+00	1.31E-03	5.39E-08	1.46E-10	6.38E-03	1.35E-04	3.85E-03	3.04E-03	9.34E-01	1.78E-02	5.02E-01	0.00E+00	7.02E-10	9.06E-10	1.10E-04	3.76E-08	6.99E-02	0.00E+00	5.02E-01	1.06E-09	5.02E-01	1.72E-01	6.99E-02	0.00E+00	0.00E+00	0.00E+00	4.73E-03		
	FL153A	5.09E-03	6.31E-02	3.73E-02	2.22E-02	2.25E-11	0.00E+00	1.18E-01	1.17E-07	1.68E-09	1.38E-04	0.00E+00	3.08E-04	7.73E-10	1.27E-11	2.51E-02	2.38E-03	3.42E-04	3.31E-03	2.15E-03	1.91E-04	1.08E-01	0.00E+00	1.75E-10	2.22E-10	3.18E-03	1.86E-09	1.79E-02	0.00E+00	1.08E-01	1.08E-01	1.08E-01	1.27E-01	1.79E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03		
	FL154A	5.65E-05	6.88E-03	4.21E-03	2.51E-02	2.56E-11	0.00E+00	1.32E-01	1.31E-07	1.96E-05	1.53E-04	0.00E+00	3.44E-04	8.86E-10	1.40E-11	5.11E-05	2.69E-05	3.76E-04	3.77E-03	2.38E-03	1.55E-04	1.23E-01	0.00E+00	1.97E-10	2.50E-10	3.59E-05	2.15E-06	2.01E-02	0.00E+00	1.32E-01	1.32E-01	1.32E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03			
	FL155A	8.87E-09	1.95E-02	6.89E-03	3.70E-02	2.89E-11	0.00E+00	2.84E-01	2.78E-07	3.39E-05	2.47E-04	0.00E+00	6.12E-04	2.01E-08	4.88E-11	1.49E-05	5.81E-05	1.22E-03	4.13E-03	4.28E-05	4.18E-05	2.28E-01	0.00E+00	3.36E-10	4.34E-10	5.79E-05	2.82E-06	3.42E-02	0.00E+00	2.28E-01	3.98E-10	2.28E-01	2.89E-01	3.42E-02	0.00E+00	0.00E+00	0.00E+00	2.89E-03		
	FL156A	4.85E-04	1.96E-01	4.80E-02	1.76E-01	2.97E-00	0.00E+00	2.35E-00	2.23E-04	1.41E-03	2.70E-02	0.00E+00	4.67E-02	1.77E-08	5.50E-08	1.24E-02	4.34E-04	1.31E-02	1.48E-02	2.96E-04	3.15E-02	1.57E-00	0.00E+00	2.16E-05	2.79E-09	3.31E-04	8.97E-08	2.96E-04	0.00E+00	2.35E-00	2.35E-00	2.35E-00	2.79E-09	3.31E-04	8.97E-08	2.96E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-02
	FL157A	3.08E-04	1.18E-01	2.52E-02	1.16E-01	3.91E-11	0.00E+00	1.41E-00	1.34E-08	1.37E-04	8.93E-04	0.00E+00	2.52E-03	1.06E-08	2.97E-10	1.33E-02	2.63E-04	7.87E-03	4.51E-03	1.80E-04	3.81E-02	9.87E-01	0.00E+00	1.34E-09	1.73E-09	2.09E-04	6.73E-08	1.33E-01	0.00E+00	9.87E-01	2.17E-09	8.67E-01	1.10E-00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	6.73E-03		
	FL158A	1.65E-03	6.84E-01	1.33E-01	5.76E-01	3.80E-11	0.00E+00	8.62E+00	7.64E-06	7.46E-04	4.86E-03	0.00E+00	1.37E-02	6.11E-08	1.77E-09	6.15E-02	1.46E-03	4.58E-02	5.99E-03	9.82E-04	2.25E-01	5.32E+00	0.00E+00	7.23E-09	9.37E-09	1.06E-05	2.94E-05	7.15E-01	0.00E+00	5.32E+00	1.29E-08	5.32E+00	6.04E+00	7.15E-01	0.00E+00	0.00E+00	0.00E+00	4.52E-02		
	FL159A	4.34E-04	1.70E-01	3.57E-02	1.81E-01	3.23E-11	0.00E+00	2.04E+00	1.95E-08	1.98E-04	1.26E-03	0.00E+00	3.65E-03	1.54E-08	4.38E-10	1.95E-02	3.81E-04	1.13E-02	4.88E-03	2.58E-04	5.45E-02	1.39E+00	0.00E+00	1.91E-09	2.47E-09	2.95E-04	9.91E-08	1.90E-01	0.00E+00	1.39E+00	3.20E-09	1.39E+00	1.98E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	1.21E-02		
	FL160A	7.58E-08	8.88E-03	5.63E-03	3.37E-02	3.48E-11	0.00E+00	1.74E-01	1.73E-07	2.53E-05	2.03E-04	0.00E+00	4.99E-04	1.13E-09	1.77E-11	1.28E-04	3.94E-05	4.79E-04	5.13E-03	3.14E-05	4.92E-09	1.83E-01	0.00E+00	2.83E-10	3.34E-10	4.80E-05	2.99E-02	6.00E+00	0.00E+00	1.83E-01	1.55E-10	1.63E-05	1.90E-01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	2.94E-03		
	FL161A	1.11E-03	4.87E-01	9.22E-02	4.08E-01	3.92E-11	0.00E+00	5.80E+00	5.29E-04	5.16E-04	4.84E-03	0.00E+00	9.46E-03	4.19E-08	1.21E-09	5.52E-02	1.04E-03	3.12E-02	6.05E-03	6.86E-04	1.52E-01	3.87E-00	0.00E+00	5.00E-09	6.48E-09	7.61E-04	2.11E-05	4.99E-01	0.00E+00	3.87E-00	8.80E-09	3.87E-00	4.17E-00	4.99E-01	0.00E+00	0.00E+00	0.00E+00	3.00E-02		
	FL162A	8.86E-03	1.03E-02	6.98E-03	3.94E-02	4.09E-11	0.00E+00	2.02E-01	2.01E-07	2.89E-05	2.40E-04	0.00E+00	5.93E-04	1.31E-09	2.02E-11	1.80E-04	4.11E-05	5.48E-04	6.03E-03	3.86E-03	2.12E-06	1.80E-01	0.00E+00	3.07E-10	3.99E-10	8.81E-05	3.40E-06	3.14E-02	0.00E+00	1.80E-01	1.77E-10	1.80E-01	2.22E-01	3.14E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03		
	FL163A	1.53E-04	2.42E-02	1.02E-02	5.70E-02	4.92E-11	0.00E+00	3.87E-01	3.73E-07	4.82E-05	3.87E-04	0.00E+00	8.78E-04	2.83E-08	5.53E-11	1.22E-03	7.50E-05	1.46E-03	1.727E-03	6.08E-05	3.93E-03	3.20E-01	0.00E+00	4.92E-10	4.28E-10	8.58E-05	4.56E-06	4.99E-02	0.00E+00	3.20E-01	4.38E-10	3.20E-01	3.89E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	4.43E-03		
	FL164A	1.03E-04	1.17E-02	7.62E-03	4.38E-02	4.78E-11	0.00E+00	2.33E-01	2.31E-07	3.42E-05	2.79E-04	0.00E+00	6.18E-04	1.31E-09	2.30E-11	2.38E-04	8.45E-05	6.23E-04	7.03E-03	4.23E-01	9.88E-09	2.20E-01	0.00E+00	3.55E-10	4.51E-10	6.93E-05	3.95E-08	3.63E-02	0.00E+00	2.20E-01	2.02E-10	2.20E-01	2.58E-01	3.63E-02	0.00E+00	0.00E+00	0.00E+00	3.98E-03		
	FL165A	1.44E-04	2.53E-02	1.06E-02	6.26E-02	5.46E-11	0.00E+00	4.93E+00	4.37E-07	5.70E-05	4.34E-04	0.00E+00	9.78E-04	2.76E-09	5.70E-11	1.11E-03	8.70E-05	9.32E-04	6.54E-03	9.78E-05	4.33E-01	5.40E-00	0.00E+00	6.78E-10	9.30E-05	5.00E-06	5.39E-02	1.08E+00	0.00E+00	4.93E-01	4.51E-01	5.39E-02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-03			
	FL166A	1.44E-04	1.62E-02	1.06E-02	6.26E-02	5.46E-11	0.00E+00	4.93E+00	4.37E-07	5.70E-05	4.34E-04	0.00E+00	9.78E-04	2.76E-09	5.70E-11	1.11E-03	8.70E-05	9.32E-04	6.54E-03	9.78E-05	4.33E-01	5.40E-00	0.00E+00	6.78E-10	9.30E-05	5.00E-06	5.39E-02	1.08E+00	0.00E+00	4.93E-01										

FL325BA	1.54E-04	1.59E-02	1.14E-02	8.89E-02	7.34E-11	0.00E+00	3.33E-01	3.34E-07	5.05E-05	4.14E-04	0.00E+00	9.13E-04	2.14E-05	3.01E-11	6.18E-04	8.86E-05	8.21E-04	1.08E-02	6.23E-05	8.48E-04	3.23E-01	0.00E+00	5.26E-10	6.88E-10	9.71E-05	6.02E-06	5.39E-02	0.00E+00	3.23E-01	2.73E-10	3.23E-01	3.77E-01	5.39E-02	0.00E+00	0.05E+00	0.00E+00	5.40E-03
FL326A	3.08E-05	8.37E-03	2.42E-03	1.24E-02	7.47E-12	0.00E+00	1.12E-01	1.08E-07	1.22E-05	8.87E-05	0.00E+00	2.22E-04	8.17E-10	2.98E-11	7.54E-04	2.15E-05	5.38E-04	1.10E-03	1.38E-03	2.18E-05	8.43E-02	0.00E+00	1.23E-10	1.58E-10	2.03E-05	8.74E-07	1.23E-02	0.00E+00	8.43E-02	1.55E-10	8.43E-02	9.87E-02	1.22E-02	0.00E+00	0.00E+00	0.00E+00	9.52E-04
FL326B	9.76E-03	4.37E-04	1.85E-01	3.59E+00	0.00E+00	0.00E+00	5.06E+01	4.83E-05	4.88E-03	2.96E-02	0.00E+00	5.86E-02	3.87E-07	1.13E-08	5.26E-01	9.36E-05	2.99E-01	1.15E-02	6.17E-03	1.48E+00	3.34E+01	0.00E+00	4.51E-08	5.89E-08	8.79E-05	1.74E-04	4.48E+00	0.00E+00	3.34E+01	3.22E-08	3.34E+01	3.79E+01	4.48E+00	0.00E+00	0.00E+00	2.86E-01	
FL326BA	1.83E-04	1.88E-02	1.35E-02	8.19E-02	8.73E-11	0.00E+00	3.98E-01	3.97E-07	6.00E-05	4.93E-04	0.00E+00	1.09E-03	2.93E-09	3.37E-11	7.33E-04	8.16E-05	9.78E-04	1.29E-02	7.41E-05	1.01E-03	3.84E-01	0.00E+00	6.26E-10	7.94E-10	1.13E-04	7.15E-08	6.41E-02	0.00E+00	3.84E-01	3.25E-10	3.84E-01	4.48E-01	6.41E-02	0.00E+00	0.00E+00	6.43E-03	
FL327A	4.93E-03	2.18E-05	1.79E-01	1.13E-11	0.00E+00	2.54E+01	2.42E-09	1.74E-02	1.45E-02	3.74E-03	1.94E-07	5.69E-09	2.63E-01	4.70E-05	4.17E-04	2.84E-03	3.09E-03	7.28E-01	1.67E+01	0.00E+00	2.42E-09	2.92E-09	3.33E-05	8.19E-05	2.23E+00	0.00E+00	1.84E-01	4.13E-08	1.67E+01	1.67E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-01		
FL327B	1.56E-02	5.44E-05	9.80E-01	4.27E+00	0.00E+00	6.00E+01	5.81E-05	5.81E-03	1.10E-03	1.84E-02	0.00E+00	1.03E-01	4.88E-01	1.36E-03	6.86E-01	1.35E-02	3.67E-01	1.15E-02	7.41E-03	1.79E+00	4.00E+01	0.00E+00	5.42E-08	7.03E-08	8.16E-05	2.06E-04	5.36E+00	0.00E+00	4.02E+01	9.88E-08	4.02E+01	4.05E+01	5.36E+00	0.00E+00	0.00E+00	3.18E-01	
FL327BA	2.12E-04	2.18E-02	1.67E-02	9.30E-02	1.01E-10	0.00E+00	4.81E-01	4.68E-07	6.88E-05	5.71E-04	0.00E+00	1.28E-03	2.93E-09	4.14E-11	8.49E-04	9.48E-05	1.13E-03	1.49E-02	8.59E-03	1.17E-09	4.45E-01	0.00E+00	7.26E-10	9.21E-10	1.34E-04	8.26E-08	7.43E-02	0.00E+00	4.45E-01	3.79E-10	4.45E-01	5.26E-01	7.43E-02	0.00E+00	0.00E+00	7.45E-03	
FL330B	2.46E-04	2.54E-02	1.82E-02	1.16E-01	1.17E-10	0.00E+00	5.36E-01	5.34E-07	8.07E-05	6.83E-04	0.00E+00	1.48E-03	3.45E-09	4.81E-11	8.86E-04	1.50E-04	1.31E-03	1.73E-02	9.97E-05	1.35E-03	5.17E-01	0.00E+00	8.42E-10	1.07E-09	1.58E-04	9.62E-08	6.63E-02	0.00E+00	5.17E-01	4.37E-10	5.17E-01	6.03E-01	6.63E-02	0.00E+00	0.00E+00	8.86E-03	
FL330BA	1.87E-04	1.93E-03	1.38E-02	8.38E-02	8.93E-11	0.00E+00	4.07E-01	4.08E-07	6.14E-05	5.04E-04	0.00E+00	1.11E-03	2.81E-09	3.88E-11	7.49E-04	8.30E-05	9.98E-04	1.32E-02	7.38E-05	1.31E-03	3.93E-01	0.00E+00	6.40E-10	8.12E-10	1.18E-04	7.39E-08	6.66E-02	0.00E+00	3.93E-01	3.32E-10	3.93E-01	4.59E-01	6.66E-02	0.00E+00	0.00E+00	6.57E-03	
FL331B	2.43E-03	9.78E-01	2.01E-01	1.47E-10	0.00E+00	1.16E+01	1.11E-05	1.11E-03	7.06E-03	2.00E+00	2.46E-02	8.93E-08	2.52E-09	1.16E-01	2.73E-05	6.18E-04	2.23E-02	1.46E-03	2.46E-03	3.14E-01	0.00E+00	1.68E-05	1.49E-05	2.08E-05	9.78E-05	1.07E+00	0.00E+00	7.93E-01	7.93E-01	7.93E-01	8.94E-05	1.07E+00	0.00E+00	0.00E+00	6.73E-02		
FL331BA	1.70E-04	1.78E-02	1.28E-02	7.83E-02	8.14E-11	0.00E+00	3.71E-01	3.70E-07	5.59E-05	4.93E-04	0.00E+00	1.01E-03	2.37E-09	3.33E-11	8.83E-04	7.60E-05	9.06E-04	1.20E-02	6.91E-05	9.37E-04	3.98E-01	0.00E+00	9.83E-10	7.43E-10	1.08E-04	8.87E-08	5.98E-02	0.00E+00	3.98E-01	3.02E-10	3.98E-01	4.18E-01	5.98E-02	0.00E+00	0.00E+00	5.99E-03	
FL332B	3.54E-04	3.77E-02	2.62E-02	1.58E-01	1.68E-10	0.00E+00	7.80E-01	7.77E-07	1.17E-04	9.93E-04	0.00E+00	2.11E-03	5.01E-09	7.22E-11	1.24E-03	1.60E-04	1.96E-03	2.47E-02	1.44E-04	1.46E-03	7.48E-01	0.00E+00	1.22E-09	1.54E-09	2.24E-04	1.38E-09	1.23E-01	0.00E+00	7.48E-01	6.49E-10	7.48E-01	8.73E-01	1.23E-01	0.00E+00	0.00E+00	1.24E-03	
FL332BA	2.06E-04	2.18E-02	1.54E-02	9.31E-02	9.02E-11	0.00E+00	4.52E-01	4.51E-07	6.82E-05	5.82E-04	0.00E+00	1.22E-03	2.89E-09	4.06E-11	8.32E-04	9.92E-05	1.11E-03	1.46E-02	8.42E-05	1.14E-03	4.37E-01	0.00E+00	7.11E-10	9.02E-10	1.31E-04	8.13E-08	7.29E-02	0.00E+00	4.37E-01	3.66E-10	4.37E-01	5.10E-01	7.29E-02	0.00E+00	0.00E+00	7.30E-03	
FL333A	3.17E-03	1.41E-09	2.65E-01	1.13E-10	8.68E-12	0.00E+00	1.63E+01	1.59E-05	1.59E-03	9.32E-03	0.00E+00	2.79E-02	1.25E-07	3.88E-09	1.73E-01	3.07E-03	9.43E-02	2.10E-03	1.98E-03	4.68E-01	1.67E-01	0.00E+00	1.45E-08	1.88E-08	2.18E-05	5.54E-05	1.43E-01	0.00E+00	1.07E+00	2.85E-08	1.97E+01	1.22E+01	1.43E-01	0.00E+00	0.00E+00	8.45E-02	
FL335A	1.17E-03	5.16E-01	4.26E-01	2.23E-05	1.13E-05	0.00E+00	5.97E+00	5.71E-04	5.96E-04	3.45E-03	0.00E+00	1.02E-02	4.58E-08	1.34E-05	6.20E-02	1.11E-03	3.49E-04	1.79E-02	7.31E-04	1.77E-03	3.96E+00	0.00E+00	5.65E-08	8.95E-08	2.88E-05	9.49E-08	5.28E-01	0.00E+00	3.96E+00	3.96E+00	4.48E-01	5.28E-01	0.00E+00	0.00E+00	3.13E-02		
FL336A	4.93E-03	2.18E-04	4.13E-01	1.76E-01	1.13E-11	0.00E+00	2.54E+01	2.42E-09	2.34E-03	1.43E-02	0.00E+00	4.30E-02	1.34E-07	5.88E-09	2.65E-01	4.70E-03	1.47E-01	2.94E-03	3.09E-03	7.28E-01	1.67E-01	0.00E+00	2.26E-08	2.93E-08	3.39E-03	8.81E-05	2.23E+00	0.00E+00	1.67E+01	4.13E-08	1.67E+01	1.96E+01	2.23E+00	0.00E+00	0.00E+00	1.31E-01	
FL337A	8.36E-03	3.78E-04	7.03E-01	3.00E+00	1.03E-11	0.00E+00	4.32E+01	4.12E-05	3.95E-03	2.47E-02	0.00E+00	7.32E-02	3.31E-07	9.70E-09	4.51E-01	8.01E-05	2.53E-01	4.69E-03	5.26E-03	1.24E+00	2.85E+01	0.00E+00	3.84E-08	4.98E-08	5.76E-05	1.46E-04	3.85E+00	0.00E+00	2.85E+01	7.03E-08	2.85E+01	3.23E+01	3.85E+00	0.00E+00	0.00E+00	2.34E-01	
FL340B	3.27E-03	1.37E-04	2.72E-01	1.18E-10	1.18E-10	0.00E+00	1.62E+01	1.54E-05	1.52E-03	9.54E-03	0.00E+00	2.79E-02	1.23E-07	3.98E-09	1.63E-01	3.02E-03	9.18E-02	1.78E-02	2.00E-03	4.48E-01	1.68E-01	0.00E+00	1.47E-08	1.91E-08	2.24E-03	8.20E-05	1.48E+00	0.00E+00	1.08E+00	2.59E-08	1.08E+00	1.23E+01	1.48E+00	0.00E+00	0.00E+00	8.81E-02	
FL340BA	1.95E-04	2.03E-02	1.44E-02	8.75E-02	9.33E-11	0.00E+00	4.25E-01	4.24E-07	6.41E-05	5.39E-04	0.00E+00	1.18E-03	2.72E-09	3.92E-11	7.83E-04	8.72E-05	1.04E-03	1.38E-02	7.92E-05	1.07E-09	4.11E-01	0.00E+00	6.66E-10	8.48E-10	1.23E-04	7.94E-08	6.95E-02	0.00E+00	4.11E-01	3.47E-10	4.11E-01	4.79E-01	6.95E-02	0.00E+00	0.00E+00	8.86E-03	
FL342B	5.81E-03	2.94E-04	4.87E-01	2.00E+00	1.13E-10	0.00E+00	2.81E+01	2.68E-05	2.62E-03	1.64E-02	0.00E+00	4.81E-02	2.14E-07	6.21E-09	2.88E-01	5.21E-05	1.60E-01	2.29E-02	3.49E-03	7.88E-01	1.87E+01	0.00E+00	2.54E-08	3.24E-08	3.84E-04	1.94E-04	2.51E-01	0.00E+00	1.87E-01	4.51E-08	1.87E+01	1.12E+01	2.51E-01	0.00E+00	0.00E+00	1.02E-01	
FL342BA	9.97E-03	4.12E-05	7.69E-01	3.36E+00	0.00E+00	0.00E+00	4.78E+01	4.55E-05	4.38E-03	2.73E-02	0.00E+00	6.09E-02	3.83E-07	1.08E-08	5.00E-01	8.75E-03	2.88E-01	1.64E-02	8.84E-03	1.38E+00	3.19E-01	0.00E+00	4.24E-08	5.91E-08	8.38E-03	1.84E-04	4.20E+00	0.00E+00	3.19E+01	7.75E-08	3.19E+01	3.57E+01	4.20E+00	0.00E+00	0.00E+00	2.51E-01	
FL343A	5.17E-03	2.30E-09	4.33E-01	1.88E+00	1.17E-11	0.00E+00	2.67E+01	2.54E-05	2.49E-03	1.53E-02	0.00E+00	4.51E-02	2.04E-07	5.97E-09	2.78E-01	4.94E-03	1.54E-01	3.08E-03	3.24E-03	7.94E-01	1.78E+01	0.00E+00	2.37E-08	3.07E-08	3.58E-03	9.03E-05	2.34E+00	0.00E+00	1.78E+01	4.33E-08	1.78E+01	1.90E+01	2.34E+00	0.00E+00	0.00E+00	1.38E-01	
FL344B	3.30E-04	3.37E-02	2.48E-02	1.30E-01	1.19E-10	0.00E+00	7.40E-01	7.37E-07	1.11E-04	9.09E-04	0.00E+00	2.00E-03	4.73E-09	6.88E-11	1.57E-03	1.91E-04	1.87E-03	2.34E-02	1.37E-04	1.38E-03	7.08E-01	0.00E+00	1.15E-09	1.48E-09	2.12E-04	1.31E-03	1.18E-01	0.00E+00	7.08E-01	6.18E-10	7.08E-01	8.27E-01	1.18E-01	0.00E+00	0.00E+00	1.18E-02	
FL344BA	2.37E-04	2.43E-02	1.72E-02	1.18E-01	1.13E-10	0.00E+00	5.96E-01	5.14E-07	1.15E-04	9.36E-04	0.00E+00	1.41E-03	3.50E-09	4.83E-11	1.57E-03	1.95E-04	1.87E-03	2.34E-02	1.37E-04	1.38E-03	7.08E-01	0.00E+00	1.15E-09	1.50E-09	2.07E-04	1.31E-03	1.18E-01	0.00E+00	7.08E-01	6.18E-10	7.08E-01	8.27E-01	1.18E-01	0.00E+00	0.00E+00	8.33E-03	
FL345A	6.08E-03	2.70E-04	5.06E-01	2.18E+00	1.30E-11	0.00E+00	3.14E+01	2.99E-05	2.88E-03	1.77E-02	0.00E+00	5.31E-02	2.45E-07	7.03E-09	3.27E-01	5.81E-05	1.81E-01	3.49E-03	3.82E-03	8.89E-01	2.07E-01	0.00E+00	2.79E-08	3.61E-08	4.19E-04	1.86E-04	2.75E+00	0.00E+00	2.07E+01	5.10E-08	2.07E+01	2.34E+01	2.75E+00	0.00E+00	0.00E+00	1.62E-01	
FL346A	7.57E-03	3.39E-09	6.34E-01	2.71E+00	1.53E-11	0.00E+00	3.91E+01	3.73E-05	3.59E-03	2.23E-02	0.00E+00	6.69E-02	2.99E-07	8.75E-09	4.97E-01	7.22E-03	2.26E-01	4.28E-03	4.75E-03	1.12E-09	2.57E-01	0.00E+00	3.47E-08	4.59E-08</													

FL412A	1.52E-01	6.75E-01	1.27E-01	5.48E-01	0.00E+00	0.00E+00	7.69E+00	7.50E-06	7.26E-04	4.51E-03	0.00E+00	1.33E-02	6.04E-08	1.76E-09	8.15E-02	1.46E-03	4.50E-02	0.00E+00	9.50E-04	2.24E-01	5.17E+00	0.00E+00	7.02E-09	9.08E+00	1.06E-02	2.69E-05	6.93E-01	0.00E+00	5.19E+00	1.27E-08	5.17E+00	5.88E+00	6.93E-01	0.00E+00	0.05E+00	0.00E+00	4.98E-02
FL412B	1.07E-04	1.21E-03	7.93E-03	4.76E-02	4.96E-11	0.00E+00	2.42E-01	2.40E-07	3.35E-05	2.89E-04	0.00E+00	6.43E-04	1.57E-09	2.38E-11	2.33E-04	4.93E-05	6.43E-04	7.32E-03	4.45E-03	1.22E-04	2.29E-01	0.00E+00	3.69E-10	4.69E-10	6.77E-05	4.12E-06	3.78E-02	0.00E+00	2.20E-01	2.10E-10	2.29E-01	2.69E-01	3.78E-02	0.00E+00	0.00E+00	0.00E+00	3.73E-03
FL413A	2.06E-03	8.85E-01	1.67E-01	7.15E-01	0.00E+00	0.00E+00	1.04E+01	9.84E-06	9.53E-04	5.93E-03	0.00E+00	1.75E-02	7.92E-08	2.37E-09	1.07E-01	1.92E-05	5.90E-02	0.00E+00	1.29E-03	2.94E-01	8.81E+00	0.00E+00	9.27E-09	1.19E-08	1.38E-05	3.53E-05	9.09E-01	0.00E+00	6.81E+00	1.87E-08	6.81E+00	7.72E+00	9.09E-01	0.00E+00	0.00E+00	5.95E-02	
FL414A	5.43E-06	6.88E-03	4.08E-03	2.42E-02	2.48E-11	0.00E+00	1.28E-01	1.27E-07	1.83E-05	1.48E-04	0.00E+00	3.32E-04	8.38E-10	1.38E-11	4.31E-05	2.86E-03	3.68E-04	3.63E-03	2.28E-01	1.88E-04	1.19E-01	0.00E+00	1.90E-10	2.42E-10	3.48E-05	2.07E-09	1.94E-02	0.00E+00	1.83E-01	1.17E-10	1.19E-10	1.38E-01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
FL415A	2.58E-01	1.14E+00	1.92E-01	9.26E-01	3.00E+00	0.00E+00	1.34E+01	1.27E-09	1.23E-03	7.68E-03	0.00E+00	1.26E-02	1.02E-07	2.99E-09	1.38E-01	2.45E-05	7.68E-04	6.00E+00	1.67E-03	3.92E-01	8.82E+00	0.00E+00	1.54E-09	1.54E-09	1.79E-05	4.00E-06	2.77E-02	0.00E+00	8.96E-01	2.16E-09	8.96E+00	1.77E+00	2.77E-02	0.00E+00	0.00E+00	6.92E-03	
FL416A	7.56E-05	8.90E-03	8.69E-03	3.56E-02	4.92E-11	0.00E+00	1.75E-01	1.73E-07	2.54E-05	1.94E-04	0.00E+00	4.80E-04	1.14E-10	1.78E-12	1.20E-06	3.56E-05	4.80E-04	5.14E-03	3.16E-05	4.83E-06	1.64E-01	0.00E+00	2.64E-10	3.35E-10	4.81E-05	2.91E-09	2.70E-02	0.00E+00	1.64E-01	1.56E-10	1.64E-01	1.91E-01	2.70E-02	0.00E+00	0.00E+00	2.60E-03	
FL417A	1.95E-04	1.19E-02	7.81E-03	4.89E-02	4.88E-11	0.00E+00	2.36E-01	2.37E-07	3.59E-05	2.84E-04	0.00E+00	6.33E-04	1.54E-09	2.38E-11	2.48E-04	4.85E-05	6.36E-04	7.29E-03	4.34E-05	1.13E-04	2.25E-01	0.00E+00	3.84E-10	4.62E-10	6.89E-05	4.05E-09	3.72E-02	0.00E+00	2.25E-01	2.97E-10	2.25E-01	2.62E-01	3.72E-02	0.00E+00	0.00E+00	0.00E+00	3.67E-03
FL418A	8.26E-04	3.35E-01	8.84E-02	3.06E-01	4.71E-11	0.00E+00	3.99E+00	3.81E-06	3.76E-04	2.42E-03	0.00E+00	6.66E-03	3.03E-08	8.66E-10	3.00E-02	7.42E-04	2.23E-02	7.14E-03	4.98E-04	1.08E-01	2.69E+00	0.00E+00	3.68E-09	4.77E-09	5.65E-04	1.65E-05	3.65E-01	0.00E+00	2.69E+00	6.31E-09	2.69E+00	3.05E+00	3.65E-01	0.00E+00	0.00E+00	2.29E-03	
FL419A	1.31E-04	1.43E-03	9.74E-03	5.86E-02	6.13E-11	0.00E+00	2.93E-01	2.94E-07	4.36E-05	3.35E-04	0.00E+00	7.89E-04	1.91E-09	2.88E-11	3.51E-04	6.02E-05	7.76E-04	9.04E-03	5.45E-03	2.57E-04	2.85E-01	0.00E+00	4.35E-10	5.78E-10	8.31E-05	5.08E-09	4.44E-02	0.00E+00	2.87E-01	2.33E-10	2.89E-01	3.27E-01	4.44E-02	0.00E+00	0.00E+00	0.00E+00	4.98E-03
FL422A	5.65E-06	1.62E-03	9.47E-03	1.23E-02	0.00E+00	0.00E+00	2.15E-02	2.05E-08	2.86E-06	1.59E-05	0.00E+00	4.74E-05	1.95E-07	2.86E-10	4.02E-13	5.92E-06	2.95E-06	3.48E-05	1.57E-02	5.00E+00	2.27E-10	3.26E-11	3.71E-05	1.53E-07	2.70E-02	2.88E-01	0.00E+00	1.93E-01	1.57E-05	1.80E-05	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.71E-04		
FL423A	6.43E-09	2.74E-02	5.35E-03	2.33E-02	1.78E-12	0.00E+00	3.21E-01	3.08E-07	3.00E-05	1.88E-04	0.00E+00	5.51E-04	2.45E-09	7.10E-11	3.29E-03	5.96E-05	1.83E-03	2.78E-04	3.96E-01	8.97E-03	2.74E-01	0.00E+00	2.91E-10	3.78E-10	4.41E-05	1.26E-09	2.87E-02	0.00E+00	2.74E-01	5.16E-10	2.14E-01	2.43E-01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
FL424A	8.68E-09	1.93E-03	8.71E-04	3.02E-03	2.73E-12	0.00E+00	2.80E-02	2.72E-09	3.28E-09	2.43E-05	0.00E+00	6.02E-05	1.59E-10	4.62E-12	1.41E-04	5.42E-05	1.21E-04	3.99E-04	4.19E-08	4.19E-04	2.22E-02	0.00E+00	3.32E-11	4.28E-11	5.65E-09	2.74E-07	3.35E-03	0.00E+00	2.22E-02	3.93E-11	2.22E-03	2.55E-02	3.35E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
FL426A	1.96E-02	8.80E-01	1.66E-01	7.12E-01	7.71E-02	0.00E+00	1.02E+01	9.74E-06	9.41E-04	5.83E-03	0.00E+00	1.73E-02	7.82E-08	2.26E-09	1.06E-01	1.24E-03	5.90E-02	1.65E-03	1.24E-02	2.93E-01	8.74E+00	0.00E+00	9.10E-09	1.18E-08	1.37E-03	3.46E-05	8.99E-01	0.00E+00	6.74E+00	1.66E-08	6.74E+00	7.64E+00	8.99E-01	0.00E+00	0.00E+00	5.50E-02	
FL427A	5.33E-05	1.69E-02	4.27E-03	2.09E-02	9.57E-12	0.00E+00	2.16E-01	2.07E-07	2.24E-05	1.52E-04	0.00E+00	4.13E-04	1.80E-09	4.25E-11	1.72E-03	4.09E-05	1.10E-03	1.42E-03	2.91E-05	4.84E-05	1.95E-01	0.00E+00	2.21E-10	2.89E-10	3.59E-05	2.69E-09	2.27E-02	0.00E+00	1.95E-01	3.16E-10	1.55E-01	1.78E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
FL428A	5.87E-05	1.74E-02	4.23E-03	2.36E-02	1.08E+00	0.00E+00	2.26E-01	2.18E-07	2.34E-05	1.63E-04	0.00E+00	4.86E-04	1.95E-09	4.35E-11	1.72E-03	4.26E-05	1.18E-03	1.76E-03	3.16E-05	4.81E-05	1.88E-01	0.00E+00	2.26E-10	3.30E-10	3.59E-05	2.69E-09	2.27E-02	0.00E+00	1.95E-01	3.24E-10	1.64E-01	1.95E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
FL429A	3.31E-05	4.47E-03	2.45E-03	1.46E-02	1.44E-11	0.00E+00	8.13E-02	8.03E-08	1.13E-05	9.01E-05	0.00E+00	2.05E-04	5.40E-10	9.40E-12	4.27E-05	1.63E-05	2.91E-04	2.12E-03	1.41E-05	2.84E-04	7.38E-02	0.00E+00	1.11E-10	1.43E-10	2.11E-05	1.23E-09	1.19E-02	0.00E+00	7.38E-02	7.89E-11	7.38E-02	8.56E-02	1.19E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
FL430A	3.92E-05	5.10E-03	2.93E-03	1.73E-02	1.73E-11	0.00E+00	9.48E-02	9.35E-08	1.33E-05	1.07E-04	0.00E+00	2.42E-04	6.25E-10	1.08E-11	1.82E-05	1.91E-05	2.84E-04	2.55E-03	1.66E-05	2.93E-04	8.95E-02	0.00E+00	1.38E-10	1.75E-10	2.59E-05	1.47E-09	1.41E-02	0.00E+00	8.65E-02	9.88E-11	8.65E-02	9.81E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
FL431A	2.60E-09	3.73E-03	1.95E-03	1.14E-02	1.10E-11	0.00E+00	6.58E-02	6.49E-08	8.99E-09	4.41E-05	0.00E+00	1.63E-04	4.41E-10	8.01E-12	7.11E-05	1.32E-05	2.13E-04	1.62E-03	1.12E-05	3.23E-04	5.97E-02	0.00E+00	9.27E-11	1.18E-10	1.68E-05	9.53E-07	9.45E-03	0.00E+00	5.87E-02	6.83E-11	5.87E-02	6.81E-02	9.45E-03	0.00E+00	0.00E+00	0.00E+00	8.90E-04
FL432A	1.50E-02	6.65E+00	1.25E+00	5.50E+00	2.63E-11	0.00E+00	7.72E+01	7.35E-09	7.10E-03	4.71E-02	0.00E+00	1.31E-01	5.51E-07	1.73E-09	8.94E-01	1.43E-02	4.48E-01	7.74E-03	9.35E-03	2.21E+00	5.68E+01	0.00E+00	6.86E-08	8.89E-08	1.03E-02	2.81E-04	8.75E+00	0.00E+00	1.50E+01	1.25E-07	5.59E+01	5.76E+01	8.75E+00	0.00E+00	0.00E+00	3.86E-01	
FL433A	7.04E-05	8.35E-03	3.14E-02	3.28E-02	0.00E+00	0.00E+00	1.60E-01	1.62E-07	2.36E-05	1.91E-04	0.00E+00	4.28E-04	1.06E-10	1.67E-11	1.20E-06	3.56E-05	1.93E-01	1.53E-01	0.00E+00	2.45E-10	3.12E-10	0.00E+00	4.48E-05	2.70E-06	2.51E-02	0.00E+00	1.53E-01	0.00E+00	1.48E-01	1.53E-01	1.78E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	3.99E-03	
FL434A	6.54E-04	2.56E-01	5.48E-02	2.36E-01	0.00E+00	0.00E+00	3.35E+00	3.23E-06	3.12E-04	1.94E-03	0.00E+00	5.74E-03	2.80E-08	7.58E-10	3.59E-02	6.26E-04	1.94E-02	0.00E+00	4.09E-04	9.63E-02	2.23E+00	0.00E+00	3.02E-09	3.91E-09	4.54E-04	1.16E-05	2.88E-01	0.00E+00	2.23E+00	5.48E+00	2.23E+00	2.53E+00	2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.75E-02
FL450A	2.07E-04	9.19E-02	1.74E-02	7.43E-02	7.05E-13	0.00E+00	1.07E+00	1.02E-09	9.82E-05	6.11E-04	0.00E+00	1.81E-03	8.17E-09	2.35E-10	1.11E-02	1.98E-04	8.16E-03	1.57E-04	1.36E-04	3.69E-03	7.03E-01	0.00E+00	9.46E-10	1.23E-09	1.43E-04	3.63E-06	3.98E-02	0.00E+00	7.03E-01	1.73E-09	7.03E-01	7.97E-01	3.98E-02	0.00E+00	0.00E+00	0.00E+00	5.53E-03
FL459A	1.22E-05	2.35E-03	9.35E-04	5.22E-03	4.71E-12	0.00E+00	3.58E-02	3.49E-08	4.47E-08	3.38E-01	0.00E+00	8.12E-03	2.48E-10	5.32E-12	1.28E-04	7.01E-08	1.45E-04	8.50E-04	5.84E-08	3.99E-04	8.97E-02	0.00E+00	1.55E-11	5.81E-11	7.91E-08	4.14E-07	4.61E-03	0.00E+00	2.93E-02	4.18E-11	2.97E-02	4.61E-03	4.61E-03	0.00E+00	0.00E+00	0.00E+00	4.08E-04
FL460A	2.53E-01	1.12E+00	1.92E-01	9.46E-01	4.44E-02	0.00E+00	1.37E+01	1.26E-09	1.23E-03	7.47E-03	0.00E+00	1.59E-02	6.99E-08	2.02E-09	1.38E-01	2.42E-05	7.45E-04	1.76E-03	2.36E-01	5.74E-01	8.62E+00	0.00E+00	1.58E-09	1.51E-08	1.73E-05	4.44E-05	1.17E+00	0.00E+00	8.97E-02	2.12E-08	8.62E+00	9.73E+00	1.17E+00	0.00E+00	0.00E+00	6.79E-02	
FL461A	3.76E-03	1.67E+00	3.15E-01	1.34E-01	5.61E-12	0.00E+00	1.94E+01	1.83E-05	1.78E-03	1.11E-02	0.00E+00	3.28E-02	1.48E-07	4.35E-09	2.02E-01	3.96E-01	1.12E-01	1.80E-03	2.36E-01	5.57E-01	1.28E+01	0.00E+00	1.72E-08	2.23E-08	2.59E-03	6.55E-05	1.70E+00	0.00E+00	1.28E-01	3.15E-08	1.28E+01	1.45E-01	1.70E+00	0.00E+00	0.00E+00	1.06E-01	
FL462A	3.44E-04	1.53E-01	2.87E-02	1.34E-01	0.00E+00	0.00E+00	1.78E+00	1.73E-09	1.64E-04</																												

FL542E	1.85E-01	2.30E-03	1.36E-03	7.79E-03	7.15E-02	0.00E+00	4.82E-02	4.74E-08	6.35E-08	4.92E-05	0.00E+00	1.15E-04	3.28E-10	6.44E-12	1.03E-04	9.57E-06	1.70E-04	1.05E-03	7.97E-08	3.67E-04	4.17E-02	0.00E+00	6.51E-11	8.30E-11	1.15E-08	6.38E-07	6.62E-03	0.00E+00	4.17E-02	5.20E-11	4.17E-02	4.84E-02	6.62E-03	0.00E+00	0.00E+00	0.00E+00	6.96E-04
FL543A	2.27E-04	9.71E-03	1.89E-02	8.24E-02	5.93E-12	0.00E+00	1.14E+00	1.09E-08	1.08E-04	6.87E-04	0.00E+00	1.93E-03	8.88E-09	2.52E-10	1.15E-02	2.11E-04	6.49E-03	9.34E-04	1.45E-04	2.19E-02	7.57E-01	0.00E+00	1.03E-09	1.33E-09	1.98E-04	4.22E-06	1.02E-01	0.00E+00	7.57E-01	1.83E-09	7.57E-01	8.59E-01	1.02E-01	0.00E+00	0.00E+00	0.00E+00	6.16E-03
FL544A	1.63E-05	2.73E-03	1.24E-03	7.04E-03	6.33E-02	0.00E+00	4.48E-02	4.38E-08	8.05E-08	4.48E-05	0.00E+00	1.05E-04	3.05E-10	8.11E-12	1.10E-04	8.84E-06	1.62E-04	9.37E-04	7.29E-06	3.77E-04	3.83E-02	0.00E+00	5.94E-11	7.58E-11	1.06E-05	5.73E-07	6.04E-03	0.00E+00	3.83E-02	4.91E-11	3.83E-02	4.43E-02	6.04E-03	0.00E+00	0.00E+00	0.00E+00	5.48E-04
FL545A	2.00E-04	8.39E-02	1.68E-02	7.30E-02	7.42E-12	0.00E+00	9.89E-01	9.43E-07	9.28E-05	5.89E-04	0.00E+00	1.71E-03	7.33E-09	2.17E-10	9.90E-03	1.84E-04	3.81E-03	1.14E-03	1.23E-04	2.73E-02	6.61E-01	0.00E+00	9.90E-10	1.17E-09	1.37E-04	3.91E-08	8.91E-02	0.00E+00	6.61E-01	1.58E-09	6.61E-01	7.50E-01	8.91E-02	0.00E+00	0.00E+00	0.00E+00	5.48E-03
FL546A	1.44E-04	5.74E-02	1.10E-02	5.75E-02	9.31E-12	0.00E+00	6.85E-01	6.54E-07	6.33E-05	4.18E-04	0.00E+00	1.20E-03	5.18E-09	1.46E-10	6.63E-03	1.27E-04	3.81E-03	1.41E-03	8.59E-03	1.83E-02	4.63E-01	0.00E+00	9.90E-10	1.17E-09	1.37E-04	3.91E-08	6.31E-02	0.00E+00	4.63E-01	1.08E-09	4.63E-01	5.26E-01	6.31E-02	0.00E+00	0.00E+00	0.00E+00	3.96E-03
FL547A	7.06E-04	3.06E-01	8.94E-02	3.76E-02	1.39E-11	0.00E+00	1.04E-01	1.02E-07	3.66E-06	3.36E-06	0.00E+00	6.06E-03	6.72E-09	7.94E-10	3.87E-06	2.06E-05	5.74E-03	1.67E-03	4.36E-04	1.61E-03	2.36E-02	0.00E+00	3.16E-09	4.13E-09	4.81E-04	1.26E-05	6.31E-02	0.00E+00	2.36E-02	5.76E-02	2.67E-05	6.31E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03	
FL548A	2.88E-04	1.18E-01	2.27E-02	9.73E-02	1.19E-11	0.00E+00	1.31E+00	1.24E-08	1.23E-04	7.79E-04	0.00E+00	2.28E-03	9.92E-09	2.88E-10	1.39E-02	2.42E-04	7.37E-03	1.75E-03	1.62E-04	3.98E-02	8.74E-01	0.00E+00	1.19E-09	1.54E-09	1.62E-04	5.19E-08	1.19E-01	0.00E+00	8.74E-01	2.98E-09	8.74E-01	9.92E-01	1.19E-01	0.00E+00	0.00E+00	0.00E+00	7.26E-03
FL549A	7.61E-03	3.98E+00	6.37E-01	2.75E+00	1.53E-11	0.00E+00	3.93E+01	3.74E-05	3.61E-03	2.24E-02	0.00E+00	6.64E-02	3.01E-07	8.80E-09	4.08E-01	7.72E-03	2.27E-01	4.22E-03	4.79E-03	1.13E+00	2.58E+01	0.00E+00	3.46E-08	4.52E-08	5.24E-03	1.33E-04	3.45E+00	0.00E+00	2.59E+01	6.38E-08	2.59E+01	2.93E+01	3.45E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-01
FL550A	3.00E-05	4.14E-03	2.25E-03	1.32E-02	1.29E-11	0.00E+00	7.45E-02	7.33E-08	1.03E-05	8.17E-04	0.00E+00	1.87E-04	4.96E-10	8.79E-12	5.51E-05	1.93E-03	2.93E-03	1.90E-03	1.29E-03	3.01E-04	6.71E-02	0.00E+00	1.94E-10	1.33E-10	1.91E-05	1.11E-08	1.68E-02	0.00E+00	6.71E-02	7.34E-11	6.71E-02	7.79E-02	1.68E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
FL550E	7.90E-05	3.00E-02	4.33E-03	3.01E-02	7.93E-12	0.00E+00	3.66E-01	3.45E-07	3.35E-05	2.33E-04	0.00E+00	6.85E-04	2.744E-10	7.96E-12	1.53E-04	4.68E-05	8.35E-03	2.51E-02	5.46E-05	1.45E-05	1.75E-06	0.00E+00	3.46E-05	4.80E-05	5.46E-05	1.75E-06	3.46E-05	0.00E+00	6.71E-02	5.46E-05	2.51E-02	2.85E-01	3.46E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-03
FL551A	4.85E-04	2.06E-01	4.03E-02	1.76E-01	1.48E-11	0.00E+00	2.42E+00	2.30E-08	2.28E-04	1.43E-03	0.00E+00	4.15E-03	1.84E-08	5.33E-10	2.44E-02	4.48E-04	1.37E-02	2.27E-03	2.98E-04	6.73E-02	1.61E-05	0.00E+00	2.19E-09	2.83E-09	3.32E-04	9.98E-08	2.16E-01	0.00E+00	1.61E-05	3.87E-09	1.61E-05	1.93E+00	2.16E-01	0.00E+00	0.00E+00	0.00E+00	1.32E-02
FL551E	1.62E-05	2.92E-02	1.38E-03	7.89E-03	7.26E-12	0.00E+00	4.97E-02	4.79E-08	6.42E-08	4.99E-05	0.00E+00	1.17E-04	3.32E-10	6.45E-12	1.02E-04	9.88E-08	1.72E-04	1.67E-03	8.09E-08	3.66E-04	4.22E-02	0.00E+00	6.95E-11	8.45E-11	1.17E-08	6.47E-07	6.70E-03	0.00E+00	4.22E-02	5.24E-11	4.22E-02	4.89E-02	6.70E-03	0.00E+00	0.00E+00	0.00E+00	6.16E-04
FL552A	4.04E-04	5.22E-03	3.02E-03	1.79E-02	1.79E-11	0.00E+00	9.71E-02	9.61E-08	1.37E-05	1.13E-04	0.00E+00	2.48E-04	6.41E-10	1.08E-11	1.35E-05	1.96E-05	2.90E-04	2.63E-03	1.71E-03	2.44E-04	8.86E-02	0.00E+00	1.42E-10	1.80E-10	2.01E-05	1.52E-06	1.45E-02	0.00E+00	8.86E-02	9.18E-11	8.86E-02	1.03E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
FL552E	4.25E-05	5.43E-03	3.17E-03	1.89E-02	1.89E-11	0.00E+00	1.02E-01	1.01E-07	1.44E-05	1.13E-04	0.00E+00	2.61E-04	6.70E-10	1.12E-11	5.02E-06	2.05E-05	3.01E-04	2.78E-03	1.79E-03	2.33E-04	9.33E-02	0.00E+00	1.42E-10	1.89E-10	2.70E-05	1.89E-06	1.52E-02	0.00E+00	9.33E-02	9.95E-11	9.33E-02	1.08E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
FL553A	4.33E-05	5.53E-03	3.17E-03	1.91E-02	1.91E-11	0.00E+00	1.06E-01	1.02E-07	1.47E-05	1.16E-04	0.00E+00	2.68E-04	6.81E-10	1.14E-11	5.06E-06	2.06E-05	3.04E-04	2.84E-03	1.82E-03	2.35E-04	9.36E-02	0.00E+00	1.45E-10	1.93E-10	2.75E-05	1.93E-06	1.55E-02	0.00E+00	9.50E-02	1.07E-01	9.50E-02	1.11E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
FL554A	4.73E-04	1.95E-01	3.92E-02	1.73E-01	2.19E-11	0.00E+00	2.31E+00	2.20E-08	2.18E-04	1.38E-03	0.00E+00	4.00E-03	1.73E-08	5.94E-10	2.23E-02	4.29E-04	1.36E-02	3.34E-03	2.87E-04	6.32E-02	1.55E-05	0.00E+00	2.12E-09	2.74E-09	3.23E-04	9.21E-08	2.10E-01	0.00E+00	1.55E+00	3.67E-09	1.53E+00	1.76E+00	2.10E-01	0.00E+00	0.00E+00	0.00E+00	1.30E-02
FL555A	8.37E-05	1.00E-02	4.49E-03	3.48E-02	2.03E-11	0.00E+00	2.73E-01	2.63E-07	3.19E-05	2.33E-04	0.00E+00	8.52E-04	1.94E-09	4.36E-11	1.42E-03	3.56E-05	1.19E-03	3.77E-03	4.07E-05	4.20E-03	2.52E-01	0.00E+00	3.22E-10	4.12E-10	5.46E-05	2.62E-06	2.52E-02	0.00E+00	2.16E-01	3.49E-10	2.16E-01	2.48E-01	2.52E-02	0.00E+00	0.00E+00	0.00E+00	2.68E-03
FL556A	1.76E-03	7.35E-01	1.42E-01	6.13E-01	3.06E-11	0.00E+00	8.60E+00	8.19E-08	7.97E-04	4.99E-03	0.00E+00	1.47E-02	6.56E-08	1.91E-09	8.89E-02	1.56E-03	4.92E-02	4.94E-03	1.05E-03	2.43E-01	5.70E+00	0.00E+00	7.72E-09	1.00E-08	1.17E-03	3.09E-05	7.63E-01	0.00E+00	1.61E+00	3.87E-09	1.61E+00	1.93E+00	7.63E-01	0.00E+00	0.00E+00	0.00E+00	4.98E-02
FL557A	2.73E-02	1.22E-01	2.29E+00	9.79E+00	4.47E-11	0.00E+00	1.41E+02	1.34E-04	1.30E-02	8.95E-02	0.00E+00	2.39E-01	1.08E-08	3.16E-09	1.47E+00	2.61E-02	8.16E-01	1.37E-02	1.73E-02	4.95E+00	9.26E+01	0.00E+00	1.25E-07	1.62E-07	1.88E-02	4.77E-04	1.24E-01	0.00E+00	9.26E+01	2.39E-07	9.26E+01	1.05E+02	1.24E-01	0.00E+00	0.00E+00	0.00E+00	7.26E-01
FL558A	8.45E-05	8.79E-03	4.26E-03	3.96E-03	1.04E-11	0.00E+00	1.06E-01	1.26E-07	2.80E-06	1.96E-11	0.00E+00	3.76E-04	1.96E-11	6.83E-04	3.76E-05	1.19E-08	1.80E-01	2.90E-03	3.30E-04	1.19E-08	1.80E-01	0.00E+00	2.90E-10	3.30E-04	3.24E-06	3.00E-02	0.00E+00	1.19E-08	1.80E-01	2.90E-10	3.30E-04	3.24E-06	3.00E-02	0.00E+00	0.00E+00	0.00E+00	2.96E-03
FL559A	4.10E-02	1.82E-01	3.43E+00	1.47E+01	8.11E-11	0.00E+00	2.12E+02	2.01E-04	1.94E-02	1.21E-01	0.00E+00	3.58E-01	1.83E-08	4.74E-08	2.20E+00	3.91E-02	1.22E+00	1.98E-02	2.37E-02	6.07E+00	1.39E-02	0.00E+00	1.88E-07	2.43E-07	2.83E-02	7.14E-04	1.88E-01	0.00E+00	1.39E+00	3.44E-07	1.39E+00	1.98E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+00
FL560E	6.96E-06	1.72E-03	5.18E-04	2.87E-03	1.69E-12	0.00E+00	2.34E-02	2.29E-08	2.69E-08	1.84E-05	0.00E+00	4.74E-05	1.69E-10	4.20E-12	1.49E-04	4.47E-06	1.06E-04	2.50E-04	3.35E-08	4.30E-04	1.77E-02	0.00E+00	2.60E-11	3.34E-11	4.32E-06	1.91E-07	2.61E-03	0.00E+00	1.77E-03	3.17E-11	1.77E-03	2.03E-03	2.61E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
FL561E	4.41E-05	5.69E-03	3.29E-03	1.93E-02	1.96E-11	0.00E+00	1.03E-01	1.04E-07	1.49E-05	1.20E-04	0.00E+00	2.71E-04	6.93E-10	1.16E-11	1.48E-06	2.93E-05	3.10E-04	2.90E-03	1.88E-03	2.23E-04	8.88E-02	0.00E+00	1.57E-10	1.97E-10	2.81E-05	1.86E-08	1.58E-02	0.00E+00	8.88E-02	9.85E-11	8.88E-02	1.13E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
FL562E	6.26E-04	7.43E-03	4.21E-03	2.75E-02	8.22E-11	0.00E+00	1.44E-01	1.43E-07	1.98E-05	1.68E-04	0.00E+00	3.75E-04	9.42E-10	1.59E-11	1.92E-06	2.92E-05	3.10E-04	2.90E-03	1.88E-03	2.23E-04	8.88E-02	0.00E+00	1.57E-10	1.97E-10	2.81E-05	1.86E-08	1.58E-02	0.00E+00	8.88E-02	9.85E-11	8.88E-02	1.13E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
FL570E	1.94E-05	3.05E-03	1.47E-03	8.44E-03	7.84E-12	0.00E+00	5.14E-02	5.05E-08	6.83E-08	5.32E-05	0.00E+00	1.24E-04	3.49E-10	6.72E-12	9.78E-05	1.02E-05	1.78E-04	1.16E-03	8.56E-08	3.99E-04	4.48E-02	0.00E+00	7.01E-11	8.93E-11	1.24E-05	6.95E-07	7.13E-03	0.00E+00	4.48E-02	5.46E-11	4.48E-02	5.16E-02	7.13E-03	0.00E+00	0.00E+00	0.00E+00	6.98E-04</

FL981A	3.59E-03	1.59E+00	3.00E-01	1.29E+00	9.31E-12	0.00E+00	1.89E+01	1.79E-05	1.70E-03	1.06E-02	0.00E+00	3.13E-02	1.42E-07	4.14E-09	1.93E-01	3.42E-03	1.07E-01	2.30E-03	2.25E-03	5.50E-01	1.22E+01	0.00E+00	1.64E-08	2.13E-09	2.47E-03	6.27E-05	1.62E+00	0.00E+00	1.22E+01	3.00E-08	1.22E+01	1.38E+01	1.62E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-02
FL982A	2.00E-04	8.18E-03	1.85E-02	7.34E-02	1.02E-11	0.00E+00	9.70E-01	9.20E-07	9.18E-05	5.84E-04	0.00E+00	1.89E-03	7.37E-09	2.11E-10	9.55E-03	1.80E-04	5.40E-03	1.54E-03	1.27E-04	2.84E-02	6.52E-01	0.00E+00	8.92E-10	1.15E-09	1.38E-04	3.03E-06	8.84E-02	0.00E+00	6.52E-01	1.54E-09	6.52E-01	7.41E-01	8.84E-02	0.00E+00	0.00E+00	0.00E+00	5.50E-03
FL983A	1.56E-03	6.08E-01	1.18E-01	4.89E-01	1.37E-11	0.00E+00	7.68E-00	6.74E-06	6.53E-04	4.07E-03	0.00E+00	1.20E-02	5.47E-08	1.58E-09	7.31E-02	1.31E-03	4.07E-02	2.37E-03	8.64E-04	2.91E-01	4.67E+00	0.00E+00	6.32E-09	8.19E-09	9.52E-04	2.47E-05	2.52E-01	0.00E+00	4.67E+00	1.15E-08	4.87E+00	5.50E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	3.71E-02
FL984A	2.39E-03	1.09E+00	2.00E-01	8.62E-01	0.00E+00	0.00E+00	1.24E+01	1.18E-09	1.14E-03	7.10E-03	0.00E+00	2.10E-02	8.49E-08	2.77E-09	1.28E-01	2.29E-03	7.11E-02	4.10E-04	1.50E-03	3.33E-01	8.17E+00	0.00E+00	1.10E-08	1.43E-09	1.69E-03	4.24E-05	1.00E+00	0.00E+00	8.17E+00	2.00E-08	8.17E+00	9.26E+00	1.00E+00	0.00E+00	0.00E+00	6.43E-02	
FL985A	4.50E-05	5.69E-03	3.76E-03	1.90E-02	2.91E-11	0.00E+00	1.07E-01	1.08E-07	1.52E-09	1.23E-04	0.00E+00	2.78E-04	7.05E-10	1.17E-11	4.86E-09	2.35E-03	1.31E-04	2.88E-03	1.69E-03	2.14E-03	9.88E-02	0.00E+00	1.50E-10	2.00E-10	3.88E-05	7.00E-07	1.61E-02	0.00E+00	8.89E-03	1.00E-10	1.90E-10	1.61E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03	
FL98Z	4.50E-05	2.00E-02	3.76E-03	1.90E-02	2.91E-11	0.00E+00	2.34E-01	2.22E-07	2.10E-05	1.34E-04	0.00E+00	3.96E-04	1.79E-06	5.22E-11	2.41E-03	4.26E-03	1.31E-04	6.42E-03	1.74E-03	1.54E-01	0.00E+00	2.08E-10	2.68E-10	3.12E-05	7.87E-07	2.01E-02	0.00E+00	1.64E-01	3.77E-10	1.54E-01	1.74E-01	2.00E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-03	
FL990A	6.84E-03	2.99E+00	5.98E-01	2.39E+00	9.91E-12	0.00E+00	3.43E+01	3.27E-09	3.15E-03	1.98E-02	0.00E+00	9.89E-02	2.62E-07	7.98E-09	3.57E-01	6.35E-03	1.98E-01	3.18E-03	4.17E-03	9.84E-01	2.28E+01	0.00E+00	3.95E-08	3.95E-08	4.58E-02	1.16E-04	3.91E+00	0.00E+00	2.28E+01	5.97E-08	2.28E+01	2.98E+01	3.91E+00	0.00E+00	0.00E+00	1.77E-01	
FL990B	3.82E-05	4.99E-03	2.88E-03	1.68E-02	1.68E-11	0.00E+00	9.24E-02	9.14E-09	1.30E-05	1.04E-04	0.00E+00	2.36E-04	6.11E-10	1.04E-11	2.23E-05	1.86E-05	2.79E-04	2.48E-03	1.62E-05	2.56E-04	8.44E-02	0.00E+00	1.34E-10	1.71E-10	2.43E-05	1.43E-08	1.37E-02	0.00E+00	8.44E-02	8.00E-11	8.44E-03	9.81E-02	1.37E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
FL990C	2.00E-05	3.15E-03	1.54E-03	8.90E-03	8.34E-12	0.00E+00	5.37E-02	5.28E-09	7.17E-08	5.80E-03	0.00E+00	1.30E-04	3.83E-10	6.92E-12	9.34E-05	1.01E-01	1.84E-04	1.23E-03	8.99E-08	3.54E-04	4.79E-02	0.00E+00	7.38E-11	9.38E-11	1.31E-05	7.39E-07	7.49E-03	0.00E+00	4.79E-02	4.79E-02	5.43E-02	7.49E-03	0.00E+00	0.00E+00	0.00E+00	6.94E-04	
FL991A	5.74E-05	1.63E-02	2.90E-02	1.23E-01	0.00E+00	0.00E+00	2.10E+01	2.08E-07	2.04E-05	1.58E-04	0.00E+00	4.24E-01	1.17E-05	1.62E-06	1.17E-05	3.96E-05	4.35E-03	1.80E-01	0.00E+00	2.35E-03	1.60E+00	0.00E+00	3.30E-10	3.30E-10	3.59E-06	2.53E-02	0.00E+00	1.60E+00	3.30E-10	1.60E+01	1.83E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03	
FL991B	1.87E-03	8.18E-01	1.58E-01	6.74E-01	2.65E-11	0.00E+00	9.52E+00	9.08E-08	8.81E-04	5.50E-03	0.00E+00	1.62E-02	7.27E-08	2.12E-09	9.78E-02	1.76E-03	3.44E-02	4.38E-03	1.18E-03	2.79E-01	6.29E+00	0.00E+00	8.52E-09	1.10E-09	1.29E-03	3.37E-05	8.43E-01	0.00E+00	6.29E+00	1.54E-08	6.29E+00	7.14E+00	8.43E-01	0.00E+00	0.00E+00	5.03E-02	
FL992A	1.20E-03	9.88E-01	5.47E-01	4.51E-01	2.63E-09	0.00E+00	5.87E+00	5.49E-08	5.58E-04	3.59E-03	0.00E+00	1.01E-02	4.40E-08	1.24E-09	5.33E-02	1.08E-03	8.18E-09	3.61E-01	2.68E-03	1.47E-01	3.92E+00	0.00E+00	8.44E-09	6.98E-09	9.39E-04	2.97E-09	5.58E-01	0.00E+00	3.92E+00	1.93E-08	3.92E+00	4.48E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	3.38E-03
FL992B	6.26E-05	7.54E-03	4.68E-03	2.79E-02	2.88E-11	0.00E+00	1.48E-01	1.49E-07	2.11E-05	1.70E-04	0.00E+00	3.82E-04	9.54E-10	1.92E-11	7.84E-05	2.96E-05	4.10E-04	4.21E-03	2.62E-05	1.21E-04	1.36E-01	0.00E+00	2.19E-10	2.78E-10	3.99E-05	2.39E-08	2.24E-02	0.00E+00	1.36E-01	1.32E-10	1.39E-01	1.58E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03
FL993A	1.29E-03	5.74E-01	1.68E-01	4.89E-01	0.00E+00	0.00E+00	6.71E+00	6.38E-06	6.19E-04	3.94E-03	0.00E+00	1.14E-02	5.14E-08	1.90E-09	6.93E-02	1.24E-03	3.83E-02	0.00E+00	8.09E-04	1.91E-01	4.42E+00	0.00E+00	9.79E-09	7.73E-09	8.89E-04	2.26E-05	8.89E-01	0.00E+00	4.42E+00	1.08E-08	4.42E+00	5.01E+00	8.89E-01	0.00E+00	0.00E+00	3.47E-02	
FL993B	7.64E-06	8.99E-03	6.86E-03	3.45E-02	3.51E-11	0.00E+00	1.76E-01	1.74E-07	2.05E-05	1.74E-04	0.00E+00	3.76E-04	1.79E-11	3.21E-12	1.34E-03	3.74E-05	4.95E-04	1.85E-01	0.00E+00	2.69E-03	3.37E-10	4.85E-05	2.99E-05	2.71E-05	4.85E-05	2.99E-05	2.71E-05	0.00E+00	1.60E-01	1.60E-01	1.60E-01	2.71E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-03	
FL994A	1.73E-03	1.44E+00	7.89E-01	6.51E-01	3.89E-09	0.00E+00	8.59E+00	7.92E-08	8.00E-04	5.17E-03	0.00E+00	1.48E-02	6.33E-08	1.79E-09	7.65E-02	1.58E-03	1.18E-05	4.34E-01	3.83E-03	2.12E-01	5.68E+00	0.00E+00	7.84E-09	1.01E-08	1.27E-03	3.70E-05	7.73E-01	0.00E+00	5.68E+00	2.79E-08	5.68E+00	6.43E+00	7.73E-01	0.00E+00	0.00E+00	4.88E-02	
FL994B	5.65E-05	6.88E-03	4.21E-03	2.51E-02	2.58E-11	0.00E+00	1.32E-01	1.31E-07	1.90E-05	1.52E-04	0.00E+00	3.44E-04	8.85E-10	1.40E-11	5.10E-05	2.86E-05	3.78E-04	3.77E-03	2.36E-05	1.55E-04	1.23E-01	0.00E+00	1.97E-10	2.50E-10	3.59E-05	2.15E-08	2.01E-02	0.00E+00	1.23E-01	1.20E-10	1.23E-01	1.43E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03
FL995A	1.64E-02	7.91E+00	1.38E+00	5.88E+00	2.85E-11	0.00E+00	8.48E+01	8.08E-05	7.88E-03	4.84E-02	0.00E+00	1.43E-01	6.49E-07	1.90E-08	8.84E-01	1.57E-02	4.90E-01	8.45E-03	1.03E-02	2.43E+00	5.59E+01	7.54E-08	9.77E-08	1.13E-02	2.87E-04	7.45E+00	0.00E+00	5.59E+01	1.38E-07	5.59E+01	6.33E+01	7.45E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-01	
FL995B	1.00E-04	1.14E-02	7.44E-03	4.47E-02	4.44E-11	0.00E+00	2.27E-01	2.26E-07	3.34E-05	2.71E-04	0.00E+00	6.84E-04	1.47E-09	2.25E-11	2.39E-04	4.63E-05	6.18E-04	6.85E-03	4.13E-05	6.52E-09	2.15E-01	0.00E+00	3.47E-10	4.40E-10	6.93E-05	3.86E-08	3.55E-02	0.00E+00	2.15E-01	1.98E-10	2.15E-01	2.55E-01	3.55E-02	0.00E+00	0.00E+00	0.00E+00	3.50E-03
FL996A	2.68E-03	2.18E+00	1.74E-01	6.88E-01	2.68E-11	0.00E+00	1.17E-05	1.16E-03	7.88E-03	2.16E-02	0.00E+00	2.16E-02	9.48E-08	2.64E-09	1.13E-01	2.68E-03	1.74E-05	6.42E-01	5.68E-03	3.13E-01	8.36E+00	0.00E+00	1.16E-08	1.49E-08	1.79E-04	5.47E-05	1.14E+00	0.00E+00	8.36E+00	5.91E+00	1.14E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-02		
FL997A	2.33E-02	1.94E+01	1.95E+00	8.94E+00	3.87E-11	0.00E+00	1.20E+02	1.15E-04	1.11E-02	6.87E-02	0.00E+00	2.04E-01	8.21E-07	2.76E-08	1.25E+00	2.23E-02	6.95E-01	1.17E-02	1.46E-02	3.40E+00	7.62E+01	0.00E+00	1.07E-07	1.39E-07	1.81E-02	4.07E-04	1.68E+01	0.00E+00	7.62E+01	1.98E-07	7.62E+01	8.88E+01	1.68E+01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
FL998A	3.32E-02	1.48E+01	2.78E+00	1.19E+01	4.89E-11	0.00E+00	1.72E+02	1.63E-04	1.58E-02	9.80E-02	0.00E+00	2.90E-01	1.31E-08	3.85E-08	1.79E+00	3.16E-02	9.92E-01	1.59E-02	2.09E-02	4.92E+00	1.13E+02	0.00E+00	1.52E-07	1.98E-07	2.23E-02	5.80E-04	1.51E+01	0.00E+00	1.13E+02	2.79E-07	1.13E+02	1.28E+02	1.51E+01	0.00E+00	0.00E+00	0.00E+00	8.86E-01
FL999A	1.28E-04	2.34E-02	9.81E-03	5.37E-02	4.97E-11	0.00E+00	3.89E-01	3.97E-07	4.98E-03	3.47E-04	0.00E+00	8.32E-04	2.53E-09	3.58E-11	1.23E-03	1.71E-05	1.42E-03	6.74E-03	5.78E-03	3.97E-03	3.04E-01	4.66E-10	5.98E-10	8.12E-05	4.27E-08	4.73E-02	0.00E+00	3.04E-01	4.24E-10	3.94E-01	3.97E-02	4.73E-02	0.00E+00	0.00E+00	0.00E+00	4.17E-03	
FL99Z	7.45E-06	3.29E-03	6.08E-04	2.93E-03	6.01E-11	0.00E+00	3.97E-02	3.91E-08	6.85E-05	8.46E-12	0.00E+00	7.01E-06	1.24E-11	1.17E-05	4.62E-06	1.88E-05	2.50E-02	3.58E-03	1.43E-01	5.05E-05	1.32E-07	3.34E-02	0.00E+00	3.50E-10	6.13E-11	2.93E-03	8.35E-02	3.34E-02	0.00E+00	3.50E-10	2.93E-03	8.35E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-04	
FZ010F	3.68E-03	1.63E+00	3.08E-01	1.30E-01	0.00E+00	0.00E+00	1.91E+01	1.82E-05	1.78E-03	1.09E-02	0.00E+00	3.23E-02	1.46E-07	4.27E-09	1.97E-01	3.53E-03	1.09E-01	0.00E+00	2.30E-01	5.43E-01	1.26E+01	0.00E+00	1.70E-08	2.20E-08	2.59E-03	6.52E-05	1.68E+00	0.00E+00	1.26E+01	3.08E-08	1.26E+01	1.42E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-02
FZ010NM	3.88E-03	1.94E+00	3.08E-01	1.34E+00	0.00E+00	0.00E+00	1.90E+01	1.83E-05	1.75E-03	1.09E-02																											

[illegible]

[illegible]

FL108AC	3.05E-02	6.73E-02	4.88E-01	6.27E-01	2.00E-09	0.00E+00	9.02E-01	1.89E-04	6.41E-03	6.43E-02	0.00E+00	4.48E-02	9.88E-09	2.03E-07	5.18E-01	1.67E-01	1.47E-05	0.00E+00	6.23E-01	3.40E-01	1.03E-02	0.00E+00	7.46E-07	3.39E-07	1.86E-02	8.23E-06	1.07E-01	0.00E+00	1.03E-02	1.75E-05	1.03E-02	1.12E-02	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.23E-03
FL109A	2.87E-02	5.91E-02	4.14E-01	5.87E-02	2.00E-09	0.00E+00	8.62E-01	1.77E-04	5.89E-03	5.93E-02	0.00E+00	-1.73E-02	9.54E-09	1.98E-07	4.72E-01	1.58E-01	1.97E-05	0.00E+00	6.00E-01	2.18E-01	1.02E-02	0.00E+00	8.89E-07	3.11E-07	1.71E-02	6.27E-06	9.91E-02	0.00E+00	1.02E-02	1.77E-05	1.03E-02	1.13E-02	9.91E-02	0.00E+00	0.00E+00	0.00E+00	2.71E-03
FL109AC	2.87E-02	5.90E-02	4.02E-01	5.83E-02	2.00E-09	0.00E+00	8.57E-01	1.73E-04	5.90E-03	5.93E-02	0.00E+00	4.48E-02	9.57E-09	1.97E-07	4.87E-01	1.59E-01	1.47E-05	0.00E+00	5.88E-01	3.33E-01	1.03E-02	0.00E+00	8.78E-07	3.10E-07	1.71E-02	6.38E-06	1.01E-01	0.00E+00	1.03E-02	1.88E-05	1.03E-02	1.13E-02	1.01E-01	0.00E+00	0.00E+00	0.00E+00	2.96E-03
FL110A	3.37E-02	7.33E-02	4.92E-01	6.94E-02	0.00E+00	0.00E+00	1.03E-02	2.08E-04	6.81E-03	6.97E-02	0.00E+00	-1.78E-02	9.53E-09	2.28E-07	5.52E-01	1.88E-01	2.00E-05	0.00E+00	6.90E-01	2.37E-01	1.14E-02	0.00E+00	8.42E-07	3.72E-07	1.93E-02	6.71E-06	1.18E-01	0.00E+00	1.14E-02	2.42E-05	1.14E-02	1.28E-02	1.18E-01	0.00E+00	0.00E+00	0.00E+00	2.48E-03
FL110AC	3.30E-02	6.98E-02	5.03E-01	6.39E-02	0.00E+00	0.00E+00	9.03E-01	1.92E-04	6.26E-03	6.71E-02	0.00E+00	4.53E-02	9.54E-09	2.09E-07	4.89E-01	1.70E-01	1.49E-05	0.00E+00	6.23E-01	3.37E-01	1.07E-02	0.00E+00	8.25E-07	3.39E-07	1.85E-02	6.89E-06	1.07E-01	0.00E+00	1.07E-02	1.93E-05	1.07E-02	1.18E-02	1.07E-01	0.00E+00	0.00E+00	0.00E+00	3.29E-03
FL111A	3.86E-02	7.39E-02	5.17E-01	7.37E-02	2.00E-09	0.00E+00	1.24E-02	2.62E-04	7.10E-03	7.27E-02	0.00E+00	-1.89E-02	1.22E-08	2.86E-07	6.80E-01	2.36E-01	1.96E-05	0.00E+00	8.88E-01	2.42E-01	1.27E-02	0.00E+00	1.05E-06	4.47E-07	2.01E-02	7.16E-06	1.39E-01	0.00E+00	1.27E-02	2.36E-05	1.27E-02	1.42E-02	1.39E-01	0.00E+00	0.00E+00	0.00E+00	3.12E-03
FL111AC	3.86E-02	7.39E-02	5.04E-01	7.37E-02	2.00E-09	0.00E+00	1.35E-02	2.63E-04	7.13E-03	7.27E-02	0.00E+00	-4.69E-02	1.23E-08	2.79E-07	6.83E-01	2.38E-01	1.49E-05	0.00E+00	8.88E-01	3.38E-01	1.27E-02	0.00E+00	1.04E-06	4.47E-07	2.01E-02	9.22E-06	1.39E-01	0.00E+00	1.27E-02	2.39E-05	1.27E-02	1.41E-02	1.39E-01	0.00E+00	0.00E+00	0.00E+00	3.12E-03
FL112A	4.05E-02	8.89E-02	5.94E-01	8.26E-02	0.00E+00	0.00E+00	1.24E-02	2.63E-04	8.13E-03	8.41E-02	0.00E+00	2.13E-02	1.15E-08	2.73E-07	6.68E-01	2.29E-01	2.00E-05	0.00E+00	8.41E-01	2.83E-01	1.37E-02	0.00E+00	1.02E-06	4.49E-07	2.33E-02	8.05E-06	1.43E-01	0.00E+00	1.37E-02	2.32E-05	1.37E-02	1.52E-02	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.97E-03
FL112AC	4.13E-02	7.88E-02	5.81E-01	7.51E-02	2.00E-09	0.00E+00	1.32E-02	2.61E-04	7.87E-03	7.82E-02	0.00E+00	-4.80E-02	1.21E-08	2.80E-07	6.93E-01	2.37E-01	1.43E-05	0.00E+00	8.81E-01	3.84E-01	1.33E-02	0.00E+00	1.04E-06	4.48E-07	2.22E-02	9.41E-06	1.38E-01	0.00E+00	1.33E-02	2.29E-05	1.33E-02	1.43E-02	1.38E-01	0.00E+00	0.00E+00	0.00E+00	3.71E-03
FL113A	5.86E-02	1.91E-01	1.89E-01	2.00E-09	0.00E+00	0.00E+00	1.67E-02	3.51E-04	1.71E-03	1.02E-01	0.00E+00	-2.05E-02	1.84E-08	3.85E-07	1.40E-01	1.97E-02	0.00E+00	0.00E+00	1.18E-02	3.08E-01	1.93E-02	0.00E+00	1.04E-06	6.19E-07	3.18E-02	8.94E-06	1.93E-01	0.00E+00	1.93E-02	2.80E-05	1.93E-02	2.00E-02	1.93E-01	0.00E+00	0.00E+00	0.00E+00	4.18E-03
FL113AC	5.86E-02	1.61E-01	1.68E-01	2.00E-09	0.00E+00	0.00E+00	1.68E-02	3.53E-04	1.02E-02	1.03E-01	0.00E+00	-4.72E-02	1.87E-08	3.88E-07	9.27E-01	3.20E-01	1.45E-05	0.00E+00	1.18E-02	4.22E-01	1.83E-02	0.00E+00	1.43E-06	6.21E-07	3.25E-02	1.01E-05	1.92E-01	0.00E+00	1.83E-02	2.89E-05	1.83E-02	2.00E-02	1.92E-01	0.00E+00	0.00E+00	0.00E+00	4.18E-03
FL114A	4.23E-02	9.89E-02	5.93E-01	7.88E-02	2.00E-09	0.00E+00	1.39E-02	2.78E-04	8.34E-03	8.33E-02	0.00E+00	-2.24E-02	1.29E-08	2.95E-07	7.18E-01	2.52E-01	1.98E-05	0.00E+00	9.33E-01	2.73E-01	1.43E-02	0.00E+00	1.10E-06	4.70E-07	2.49E-02	9.77E-06	1.52E-01	0.00E+00	1.43E-02	2.71E-05	1.43E-02	1.58E-02	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.29E-03
FL114AC	4.23E-02	9.90E-02	6.43E-01	7.86E-02	2.00E-09	0.00E+00	1.40E-02	2.78E-04	8.34E-03	8.34E-02	0.00E+00	4.93E-02	1.29E-08	2.95E-07	7.18E-01	2.52E-01	1.48E-05	0.00E+00	9.32E-01	3.91E-01	1.44E-02	0.00E+00	1.10E-06	4.70E-07	2.49E-02	9.77E-06	1.52E-01	0.00E+00	1.44E-02	2.80E-05	1.44E-02	1.59E-02	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.29E-03
FL114AM	5.97E-02	9.93E-02	6.35E-01	8.79E-02	2.00E-09	0.00E+00	1.71E-02	3.05E-04	9.87E-03	1.02E-01	0.00E+00	-2.09E-02	1.81E-08	3.87E-07	9.93E-01	3.17E-01	1.97E-05	0.00E+00	1.17E-02	3.27E-01	1.88E-02	0.00E+00	1.41E-06	6.19E-07	3.18E-02	8.22E-06	1.99E-01	0.00E+00	1.88E-02	2.87E-05	1.88E-02	2.08E-02	1.99E-01	0.00E+00	0.00E+00	0.00E+00	4.72E-03
FL115A	4.26E-02	1.94E-01	1.89E-01	2.00E-09	0.00E+00	0.00E+00	1.92E-02	4.25E-04	1.75E-03	1.15E-01	0.00E+00	-2.86E-02	1.84E-08	2.78E-07	1.40E-01	1.97E-02	0.00E+00	0.00E+00	1.36E-02	3.08E-01	1.93E-02	0.00E+00	1.04E-06	6.19E-07	3.18E-02	8.94E-06	1.93E-01	0.00E+00	1.93E-02	2.80E-05	1.93E-02	2.00E-02	1.93E-01	0.00E+00	0.00E+00	0.00E+00	3.06E-03
FL115AC	4.21E-02	1.94E-01	1.83E-01	1.82E-02	2.00E-09	0.00E+00	1.26E-02	2.97E-04	8.83E-03	9.08E-02	0.00E+00	-5.00E-02	1.18E-08	2.77E-07	6.97E-01	2.32E-01	1.47E-05	0.00E+00	8.89E-01	4.98E-01	1.47E-02	0.00E+00	1.04E-06	4.59E-07	2.59E-02	9.97E-06	1.51E-01	0.00E+00	1.47E-02	2.89E-05	1.47E-02	1.59E-02	1.51E-01	0.00E+00	0.00E+00	0.00E+00	3.04E-03
FL115AM	5.83E-02	1.97E-01	1.43E-01	1.15E-01	2.00E-09	0.00E+00	1.70E-02	3.05E-04	1.10E-02	1.16E-01	0.00E+00	-2.36E-02	1.83E-08	3.87E-07	9.43E-01	3.23E-01	1.93E-05	0.00E+00	1.19E-02	3.27E-01	1.88E-02	0.00E+00	1.43E-06	6.19E-07	3.25E-02	8.14E-06	2.05E-01	0.00E+00	1.88E-02	3.00E-05	1.88E-02	2.08E-02	2.05E-01	0.00E+00	0.00E+00	0.00E+00	4.21E-03
FL115AR1023	4.26E-02	1.94E-01	1.83E-01	1.83E-02	2.00E-09	0.00E+00	1.29E-02	2.97E-04	8.83E-03	9.07E-02	0.00E+00	-2.36E-02	1.18E-08	2.78E-07	7.00E-01	2.33E-01	1.98E-05	0.00E+00	8.88E-01	2.92E-01	1.48E-02	0.00E+00	1.04E-06	4.59E-07	2.57E-02	7.91E-06	1.58E-01	0.00E+00	1.48E-02	3.10E-05	1.48E-02	1.59E-02	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.05E-03
FL116A	5.90E-02	1.27E-01	7.38E-01	1.25E-01	2.00E-09	0.00E+00	1.92E-02	3.87E-04	1.18E-02	1.17E-01	0.00E+00	-1.19E-02	1.94E-08	4.13E-07	9.99E-01	3.48E-01	1.98E-05	0.00E+00	1.23E-02	3.37E-01	1.95E-02	0.00E+00	1.55E-06	6.89E-07	3.50E-02	8.99E-06	2.07E-01	0.00E+00	1.95E-02	3.32E-05	1.95E-02	2.12E-02	2.07E-01	0.00E+00	0.00E+00	0.00E+00	4.97E-03
FL116AC	5.96E-02	1.28E-01	7.39E-01	1.25E-01	2.00E-09	0.00E+00	1.92E-02	3.89E-04	1.18E-02	1.18E-01	0.00E+00	-8.89E-02	1.94E-08	4.15E-07	9.99E-01	3.48E-01	1.50E-05	0.00E+00	1.23E-02	4.51E-01	1.96E-02	0.00E+00	1.55E-06	6.89E-07	3.50E-02	9.01E-06	2.06E-01	0.00E+00	1.96E-02	3.32E-05	1.96E-02	2.11E-02	2.06E-01	0.00E+00	0.00E+00	0.00E+00	4.98E-03
FL117A	4.88E-02	1.97E-01	7.18E-01	9.89E-02	0.00E+00	0.00E+00	1.50E-02	3.05E-04	9.73E-03	1.02E-01	0.00E+00	-2.88E-02	1.39E-08	3.31E-07	8.08E-01	2.72E-01	2.00E-05	0.00E+00	1.02E-02	3.43E-01	1.88E-02	0.00E+00	1.23E-06	5.43E-07	2.85E-02	9.86E-06	1.73E-01	0.00E+00	1.68E-02	3.54E-05	1.68E-02	1.84E-02	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.59E-03
FL117AC	4.95E-02	1.97E-01	7.59E-01	1.02E-01	2.00E-09	0.00E+00	1.58E-02	3.20E-04	9.89E-03	1.04E-01	0.00E+00	-3.38E-02	1.75E-08	3.38E-07	8.18E-01	2.81E-01	1.48E-05	0.00E+00	1.07E-02	4.83E-01	1.74E-02	0.00E+00	1.27E-06	5.52E-07	2.96E-02	1.17E-05	1.80E-01	0.00E+00	1.74E-02	3.78E-05	1.74E-02	1.91E-02	1.80E-01	0.00E+00	0.00E+00	0.00E+00	3.78E-03
FL118A	4.88E-02	1.08E-01	7.20E-01	9.89E-02	0.00E+00	0.00E+00	1.48E-02	3.01E-04	9.98E-03	1.00E-01	0.00E+00	-2.70E-02	1.89E-08	3.24E-07	7.81E-01	2.81E-01	1.74E-05	0.00E+00	1.09E-02	3.98E-01	1.82E-02	0.00E+00	1.19E-06	5.43E-07	2.89E-02	1.00E-05	1.73E-01	0.00E+00	1.82E-02	3.67E-05	1.82E-02	1.80E-02	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.76E-03
FL118AC	5.83E-02	1.05E-01	7.21E-01	1.15E-01	2.00E-09	0.00E+00	1.70E-02	3.03E-04	1.10E-02	1.13E-01	0.00E+00	-3.14E-02	1.87E-08	3.29E-07	8.04E-01	3.15E-01	1.93E-05	0.00E+00	1.22E-02	4.49E-01	1.77E-02	0.00E+00	1.41E-06	5.59E-07	3.10E-02	1.16E-05	2.23E-01	0.00E+00	1.82E-02	3.71E-05	1.82E-02	2.17E-02	2.23E-01	0.00E+00	0.00E+00	0.00E+00	4.26E-03
FL119A	5.83E-02	1.23E-01	8.22E-01	1.00E-01	0.00E+00	0.00E+00	1.73E-02	3.51E-04	1.11E-02	1.17E-01	0.00E+00	-2.91E-02	1.93E-08	3.81E-07	8.36E-01	3.18E-01	2.00E-05	0.00E+00	1.17E-02	3.87E-01	1.91E-02	0.00E+00	1.42E-06	6.29E-07	3.27E-02	1.10E-05	1.99E-01	0.00E+00	1.91E-02	4.07E-05	1.91E-02	2.11E-02	1.99E-01	0.00E+00	0.00E+00	0.00E+	

FL300B	1.36E-02	1.11E+01	9.00E+00	7.30E+00	2.00E+00	0.00E+00	1.53E+01	3.00E+00	5.14E+03	4.92E-02	0.00E+00	-1.07E+00	3.47E+00	8.50E+00	1.40E+01	4.71E+00	4.67E-04	0.00E+00	1.14E+01	1.30E+01	2.48E+01	0.00E+00	2.06E-07	8.89E+00	1.17E+02	3.63E-04	7.85E+01	0.00E+00	2.48E+01	-1.15E-04	2.48E+01	2.64E+01	7.85E+01	0.00E+00	0.00E+00	0.00E+00	4.21E+02
FL300BA	3.97E-03	8.59E+00	4.90E+00	3.78E+00	2.00E+00	0.00E+00	4.06E+00	5.72E+00	2.80E+03	2.79E-02	0.00E+00	-5.93E+01	8.48E+01	4.30E+00	3.87E-02	8.49E+01	1.78E+00	0.00E+00	2.23E+00	7.22E+00	3.84E+00	0.00E+00	6.00E+00	5.63E+00	5.58E+01	2.12E-04	-1.33E+01	0.00E+00	3.84E+00	-5.29E+00	3.84E+00	3.00E+00	-1.33E+01	0.00E+00	0.00E+00	0.00E+00	8.31E+01
FL301B	1.60E-02	1.62E+01	8.97E+00	7.20E+00	0.00E+00	0.00E+00	1.88E+01	3.79E+00	6.18E+03	5.67E-02	0.00E+00	-1.10E+00	3.84E+00	8.80E+00	1.98E+01	5.29E+00	4.67E-04	0.00E+00	1.34E+01	1.48E+01	1.12E+01	0.00E+00	2.47E-07	9.74E+00	1.33E+02	3.54E-04	1.10E+00	0.00E+00	3.12E+01	-1.19E-04	3.12E+01	3.23E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	4.79E+02
FL301BA	3.97E-03	1.67E+01	5.51E+00	5.51E+00	2.00E+00	0.00E+00	4.39E+01	3.78E+00	2.92E+03	3.49E-02	0.00E+00	-5.93E+01	8.41E+01	4.47E+00	3.80E-02	8.49E+01	1.78E+00	0.00E+00	2.23E+00	8.53E+00	3.84E+00	0.00E+00	1.96E+00	-1.32E+01	6.89E+01	2.32E-04	-2.49E+01	0.00E+00	3.84E+00	-5.73E+00	3.83E+00	3.00E+00	-2.49E+01	0.00E+00	0.00E+00	0.00E+00	8.29E+01
FL302B	1.80E-02	2.18E+01	1.24E+01	9.20E+00	0.00E+00	0.00E+00	2.01E+01	3.92E+00	7.38E+03	7.19E-02	0.00E+00	-1.53E+00	3.93E+00	1.45E-07	1.32E+01	5.80E+01	4.67E-04	0.00E+00	1.39E+01	2.01E+01	3.92E+01	0.00E+00	2.41E-07	9.88E+00	1.62E+02	4.88E-04	6.75E+01	0.00E+00	3.92E+01	-1.67E-04	3.92E+01	3.21E+01	6.75E+01	0.00E+00	0.00E+00	0.00E+00	4.60E+02
FL302BA	5.06E-03	1.39E+01	8.48E+00	5.00E+00	0.00E+00	0.00E+00	4.44E+00	5.81E+00	4.28E+03	4.94E-02	0.00E+00	-1.29E+00	9.03E+00	6.53E+00	4.48E-02	9.71E+01	1.30E+01	2.88E+00	0.00E+00	2.84E+00	1.40E+00	0.00E+00	2.46E+00	7.28E+00	3.96E-04	1.00E+00	0.00E+00	2.88E+01	-1.22E-04	2.88E+00	1.98E+00	1.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E+01	
FL305B	1.60E-02	1.51E+01	9.73E+00	8.40E+00	2.00E+00	0.00E+00	3.34E+01	6.38E+00	7.17E+03	5.84E-02	0.00E+00	-1.24E+00	4.88E+00	1.03E-07	2.48E+01	6.90E+00	4.67E-04	0.00E+00	2.33E+01	1.63E+01	4.54E+01	0.00E+00	3.46E-07	1.29E-07	1.28E-02	3.71E-04	2.88E+00	0.00E+00	4.54E+01	-1.31E-04	4.54E+01	4.79E+01	2.88E+00	0.00E+00	0.00E+00	0.00E+00	7.88E+02
FL305BA	3.96E-03	1.87E+01	1.12E+00	4.34E+00	2.00E+00	0.00E+00	4.37E+00	5.77E+00	2.80E+03	3.12E-02	0.00E+00	-4.48E+01	8.41E+01	4.88E+00	3.80E-02	8.46E+01	1.78E+00	0.00E+00	2.24E+00	1.91E+01	3.84E+00	0.00E+00	6.01E+00	-1.32E+01	6.22E+01	2.93E-04	-2.92E+01	0.00E+00	3.84E+00	-9.91E+00	3.84E+00	2.90E+00	-2.92E+01	0.00E+00	0.00E+00	0.00E+00	8.30E+01
FL306B	2.28E-02	2.15E+01	1.18E+01	0.00E+00	0.00E+00	0.00E+00	3.36E+01	6.83E+00	8.73E+03	7.73E-02	0.00E+00	-1.43E+00	6.07E+00	1.43E-07	2.82E+01	7.88E+00	4.67E-04	0.00E+00	2.31E+01	1.91E+01	4.72E+01	0.00E+00	3.76E-07	1.47E-07	1.83E+02	4.63E-04	2.34E+00	0.00E+00	4.72E+01	-1.55E-04	4.72E+01	4.93E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	8.20E+01
FL306BA	3.91E-03	1.24E+01	7.43E+00	4.68E+00	0.00E+00	0.00E+00	2.36E+00	2.71E+00	6.80E+03	6.05E+01	4.01E+01	4.13E+01	1.48E+00	3.98E+00	3.46E+01	0.00E+00	0.00E+00	0.00E+00	1.96E+01	1.27E+01	2.58E+00	0.00E+00	2.58E+00	2.28E+00	6.67E+01	3.97E-04	3.84E+00	0.00E+00	2.58E+00	-1.11E-04	2.58E+00	1.60E+00	2.58E+00	0.00E+00	0.00E+00	0.00E+00	3.46E+01
FL307B	2.52E-02	2.77E+01	1.56E+01	1.21E+01	0.00E+00	0.00E+00	3.48E+01	6.70E+00	1.01E-02	9.36E-02	0.00E+00	-1.93E+00	6.25E+00	1.88E-07	2.88E+01	7.96E+00	4.67E-04	0.00E+00	2.34E+01	2.54E+01	6.82E+01	0.00E+00	3.83E-07	1.43E-07	2.18E+02	6.16E-04	1.81E+00	0.00E+00	4.82E+01	-2.10E-04	4.82E+01	5.00E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	8.31E+02
FL307BA	6.10E-03	1.67E+01	1.04E+01	6.22E+00	0.00E+00	0.00E+00	3.07E+00	2.88E+00	3.68E+03	4.39E-02	0.00E+00	-1.29E+00	4.73E+01	5.46E+00	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+00	-4.73E+00	8.89E+01	4.13E-04	-1.37E+00	0.00E+00	2.95E+00	-1.49E-04	2.95E+00	1.98E+00	-1.37E+00	0.00E+00	0.00E+00	0.00E+00	3.02E+01
FL310B	1.64E-02	2.00E+01	1.12E+01	8.77E+00	2.00E+00	0.00E+00	1.77E+01	3.49E+00	6.72E+03	6.77E-02	0.00E+00	-1.34E+00	3.78E+00	1.13E-07	1.78E+01	5.27E+00	4.67E-04	0.00E+00	1.27E+01	1.78E+01	2.81E+01	0.00E+00	2.36E-07	1.07E-07	1.57E+02	4.28E-04	8.56E+01	0.00E+00	2.81E+01	-1.47E-04	2.81E+01	2.86E+01	8.56E+01	0.00E+00	0.00E+00	0.00E+00	4.71E+02
FL310BA	4.12E-03	1.51E+01	8.78E+00	5.80E+00	2.00E+00	0.00E+00	4.44E+00	5.81E+00	3.07E+03	3.47E-02	0.00E+00	-1.67E+00	8.54E+00	5.57E+00	3.89E-02	8.88E+01	1.78E+00	0.00E+00	2.24E+00	1.34E+01	3.84E+00	0.00E+00	6.17E+00	-1.47E+01	6.88E+01	3.48E-04	-5.95E+01	0.00E+00	3.84E+00	-3.94E+00	3.84E+00	2.96E+00	-5.95E+01	0.00E+00	0.00E+00	0.00E+00	8.36E+01
FL311A	5.45E-03	1.39E+00	1.63E+01	1.00E+00	0.00E+00	0.00E+00	2.32E+01	4.51E+00	1.23E+03	1.05E+00	0.00E+00	-1.33E+00	3.59E+00	4.45E+00	3.88E-02	9.44E+01	1.90E+00	2.88E+00	0.00E+00	1.47E+01	1.90E+00	1.00E+00	0.00E+00	2.46E+00	2.99E+01	1.58E+00	1.00E+00	2.88E+00	0.00E+00	3.90E+00	-1.00E+00	2.88E+00	2.46E+00	1.00E+00	0.00E+00	0.00E+00	5.40E+02
FL311B	2.30E-02	2.95E+01	1.34E+01	1.21E+01	2.00E+00	0.00E+00	4.06E+01	7.71E+00	9.94E+03	8.47E-02	0.00E+00	-1.55E+00	5.53E+00	1.30E-07	2.94E+01	8.12E+00	4.67E-04	0.00E+00	2.53E+01	2.05E+01	4.88E+01	0.00E+00	4.22E-07	1.41E-07	1.89E+02	5.12E-04	2.72E+00	0.00E+00	4.88E+01	-1.78E-04	4.88E+01	5.01E+01	2.72E+00	0.00E+00	0.00E+00	0.00E+00	8.89E+02
FL311BA	5.17E-03	1.49E+01	1.39E+00	6.26E+00	2.00E+00	0.00E+00	4.44E+00	5.81E+00	3.92E+03	4.16E-02	0.00E+00	-1.18E+00	8.54E+00	6.04E+00	4.38E-02	8.86E+01	1.78E+00	0.00E+00	2.24E+00	1.44E+01	4.65E+00	0.00E+00	6.27E+00	-1.42E+00	7.90E+01	3.82E-04	-8.82E+01	0.00E+00	4.60E+00	-1.23E-04	4.60E+00	2.90E+00	-8.82E+01	0.00E+00	0.00E+00	0.00E+00	8.57E+01
FL312A	7.98E-03	1.98E+00	1.85E+01	1.47E+00	2.00E+00	0.00E+00	3.18E+01	6.38E+00	1.71E+03	1.29E-02	0.00E+00	-4.90E-04	4.04E+00	5.23E+00	1.43E+01	4.87E+00	5.27E+00	0.00E+00	2.12E+01	2.19E-02	3.45E+01	0.00E+00	2.34E-07	6.41E+00	4.19E+02	8.96E-07	2.88E+00	0.00E+00	3.45E+01	7.02E+00	3.45E+01	4.00E+01	2.88E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+02
FL312B	3.18E-02	3.27E+01	1.84E+01	1.44E+01	0.00E+00	0.00E+00	4.38E+01	8.34E+00	1.31E-02	1.13E+01	0.00E+00	-2.26E+00	7.80E+00	2.16E-07	4.61E+01	1.08E+01	4.67E-04	0.00E+00	2.93E+01	2.98E+01	6.85E+01	0.00E+00	4.76E-07	1.82E-07	2.80E+02	7.23E-04	2.52E+00	0.00E+00	6.85E+01	-2.47E-04	6.85E+01	6.19E+01	2.52E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+03
FL312BA	5.68E-03	2.14E+01	1.08E+01	1.88E+00	2.00E+00	0.00E+00	4.44E+00	5.81E+00	4.28E+03	4.94E-02	0.00E+00	-1.29E+00	9.03E+00	6.53E+00	4.48E-02	9.71E+01	1.30E+01	2.88E+00	0.00E+00	2.84E+00	1.40E+00	0.00E+00	2.46E+00	7.28E+00	3.96E-04	1.00E+00	0.00E+00	2.88E+01	-1.40E-04	2.88E+00	1.98E+00	1.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E+01	
FL313A	5.88E-03	1.62E+00	1.59E+01	1.28E+00	2.00E+00	0.00E+00	3.08E+01	5.93E+00	1.37E+03	1.17E-02	0.00E+00	-1.38E-04	3.83E+00	4.88E+00	1.22E+01	4.37E+00	4.83E+00	0.00E+00	1.94E+01	1.78E-02	2.98E+01	0.00E+00	2.14E-07	4.88E+00	3.27E+02	3.47E-07	2.84E+00	0.00E+00	2.98E+01	4.99E+00	2.98E+01	3.54E+01	2.84E+00	0.00E+00	0.00E+00	0.00E+00	6.96E+02
FL314A	1.29E-02	2.93E+00	2.07E+01	1.79E+00	2.00E+00	0.00E+00	5.93E+01	9.18E+00	2.23E+03	2.27E-02	0.00E+00	-2.28E+03	9.88E+00	1.17E-07	1.90E+01	7.42E+00	4.80E+00	0.00E+00	2.88E+01	2.83E-02	1.44E+01	0.00E+00	3.96E-07	1.63E-07	7.11E+02	9.10E-07	4.54E+00	0.00E+00	4.14E+01	7.87E+00	4.14E+01	4.87E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+03
FL315A	1.02E-02	1.48E+00	1.56E+01	1.36E+00	2.00E+00	0.00E+00	6.11E+01	1.21E-04	1.94E+03	2.22E-02	0.00E+00	-2.03E+03	1.03E+00	1.31E-07	1.88E+01	1.02E+01	5.37E+00	0.00E+00	4.28E+01	2.88E-02	3.90E+01	0.00E+00	4.84E-07	1.43E-07	6.82E+01	9.81E-07	4.12E+00	0.00E+00	4.30E+01	4.88E+00	4.30E+01	4.88E+00	4.12E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+03
FL316A	1.22E-02	2.03E+00	1.88E+01	2.08E+00	0.00E+00	0.00E+00	5.17E+01	1.24E-04	1.73E+03	1.06E-02	0.00E+00	-1.73E+03	1.06E-02	1.34E+00	1.28E+01	1.08E+01	4.68E+00	0.00E+00	4.38E+01	2.73E+02	4.50E+00	0.00E+00	4.50E+00	1.55E-07	7.68E+01	6.43E-07	4.33E+00	0.00E+00	4.33E+00	4.30E+01	4.33E+00	4.30E+01	4.33E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+03
FL317A	1.56E-02	2.37E+00	2.50E+01	2.20E+00	2.00E+00	0.00E+00	6.34E+01	1.24E-04	2.74E+03	3.03E-02	0.00E+00	-1.82E+03	1.13E+00	1.43E-07	2.18E+01	1.08E+01	4.37E-04	0.00E+00	4.41E+01	3.20E-02	4.41E+01	0.00E+00	5.00E-07	1.69E-07	8.96E+01	9.96E-07	4.64E+00	0.00E+00	4.41E+01	1.04E+00	4.41E+01	5.14E+01	4.64E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+03
FL320B</																																					

FL368B	3.732E+0	3.326E+1	1.676E+1	1.596E+1	2.00E+0	0.00E+0	9.71E+0	1.90E+4	1.21E+02	1.32E+01	0.00E+0	1.59E+00	1.50E+08	2.73E+07	6.28E+01	1.84E+01	6.14E+04	0.00E+00	6.37E+01	2.74E+01	1.49E+02	0.00E+00	7.83E+07	3.33E+07	3.16E+02	6.31E+04	1.34E+01	0.00E+00	1.49E+02	-2.95E+04	1.43E+02	1.05E+02	1.34E+01	0.00E+00	0.00E+00	0.00E+00	2.20E+03
FL368BA	3.20E+02	3.33E+1	1.62E+1	1.57E+1	2.00E+0	0.00E+0	9.34E+0	1.59E+4	1.04E+02	1.23E+01	0.00E+0	-1.83E+00	1.11E+08	2.36E+07	4.88E+01	1.48E+01	1.78E+08	0.00E+00	5.30E+01	2.41E+01	1.50E+02	0.00E+00	6.49E+07	2.59E+07	2.90E+02	6.04E+04	1.38E+01	0.00E+00	1.50E+02	-2.64E+04	1.50E+02	1.02E+02	1.38E+01	0.00E+00	0.00E+00	0.00E+00	1.80E+03
FL371A	9.36E+01	1.13E+00	2.25E+01	2.25E+00	2.00E+0	0.00E+0	2.48E+01	4.31E+05	2.88E+03	2.27E+02	0.00E+0	1.15E+02	1.86E+08	6.88E+06	2.27E+01	3.73E+00	8.73E+06	0.00E+00	1.48E+01	4.59E+01	2.28E+01	0.00E+00	2.16E+07	9.72E+08	5.58E+02	2.07E+05	1.61E+00	0.00E+00	2.28E+01	2.43E+00	2.28E+01	1.90E+01	1.61E+00	0.00E+00	0.00E+00	5.58E+02	
FL372A	1.09E+02	1.47E+00	6.29E+01	2.37E+01	2.00E+0	0.00E+0	3.18E+01	5.38E+05	2.93E+03	2.49E+02	0.00E+0	-7.84E+02	3.37E+09	8.79E+08	2.48E+01	4.90E+00	8.48E+08	0.00E+00	1.74E+01	4.33E+01	2.83E+01	0.00E+00	2.79E+07	1.03E+07	6.09E+02	2.01E+05	1.67E+00	0.00E+00	2.43E+01	3.20E+00	2.83E+01	2.38E+01	1.67E+00	0.00E+00	0.00E+00	6.70E+02	
FL373A	1.01E+02	1.51E+00	6.23E+01	2.30E+01	2.00E+0	0.00E+0	2.82E+01	4.44E+05	2.93E+03	2.43E+02	0.00E+0	-7.84E+02	2.12E+09	8.48E+08	2.37E+01	3.98E+00	8.48E+08	0.00E+00	1.50E+01	4.31E+01	2.43E+01	0.00E+00	3.34E+07	9.79E+08	6.01E+02	2.01E+05	1.66E+00	0.00E+00	2.43E+01	3.38E+00	2.43E+01	2.07E+01	1.66E+00	0.00E+00	0.00E+00	5.70E+02	
FL374A	1.23E+02	1.68E+00	6.14E+01	2.63E+00	2.00E+0	0.00E+0	4.81E+01	8.44E+05	3.16E+03	2.70E+02	0.00E+0	-7.56E+02	4.75E+09	9.93E+08	2.80E+01	3.64E+00	7.67E+08	0.00E+00	2.82E+01	3.64E+01	3.64E+01	0.00E+00	3.76E+07	1.32E+07	6.84E+02	1.96E+05	3.78E+00	0.00E+00	4.84E+01	5.71E+08	4.84E+01	4.77E+07	3.78E+00	0.00E+00	0.00E+00	1.00E+03	
FL380AH	1.10E+02	1.60E+00	5.17E+01	1.74E+00	2.00E+0	0.00E+0	6.13E+01	1.13E+06	2.44E+03	2.50E+02	0.00E+0	-7.71E+02	9.14E+08	1.38E+07	1.93E+01	8.72E+00	9.05E+08	0.00E+00	3.98E+01	3.73E+01	4.17E+01	0.00E+00	4.56E+07	1.54E+07	6.94E+02	1.24E+05	3.98E+00	0.00E+00	4.17E+01	5.10E+08	4.17E+01	4.74E+07	3.98E+00	0.00E+00	0.00E+00	1.40E+03	
FL380B	6.90E+01	3.88E+00	1.81E+00	2.00E+00	0.00E+00	0.00E+00	7.83E+00	1.93E+05	2.76E+03	1.76E+02	0.00E+00	-2.21E+01	3.45E+08	3.30E+08	8.89E+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	5.02E+08	4.53E+02	7.10E+05	1.11E+00	0.00E+00	1.93E+01	-1.97E+05	1.53E+01	1.65E+01	1.11E+00	0.00E+00	0.00E+00	3.40E+03	
FL381AH	1.10E+02	1.68E+00	5.17E+01	1.88E+00	2.00E+0	0.00E+0	5.62E+01	8.00E+05	2.48E+03	2.42E+02	0.00E+0	-7.67E+02	7.83E+09	1.19E+07	1.78E+01	8.78E+00	8.51E+08	0.00E+00	2.50E+01	3.58E+01	4.07E+01	0.00E+00	3.71E+07	1.54E+07	6.89E+02	1.24E+05	3.94E+00	0.00E+00	4.07E+01	5.28E+08	4.07E+01	4.68E+07	3.94E+00	0.00E+00	0.00E+00	9.02E+03	
FL381B	9.60E+01	5.40E+00	2.48E+00	2.00E+00	0.00E+00	0.00E+00	1.03E+01	2.33E+05	1.50E+03	2.50E+02	0.00E+00	1.10E+01	2.25E+08	3.40E+08	1.10E+01	3.87E+00	4.67E+04	0.00E+00	8.93E+00	4.08E+00	2.44E+01	0.00E+00	1.87E+07	7.68E+08	6.50E+02	9.96E+05	1.10E+00	0.00E+00	2.00E+01	2.24E+07	2.35E+01	1.10E+00	0.00E+00	0.00E+00	3.50E+03		
FL382B	1.03E+02	6.93E+00	3.48E+00	3.48E+00	0.00E+00	0.00E+00	1.11E+01	2.48E+05	3.48E+03	2.33E+02	0.00E+00	-4.28E+01	2.39E+09	5.05E+08	1.33E+01	3.99E+00	4.67E+04	0.00E+00	8.81E+00	3.64E+00	2.24E+01	0.00E+00	1.79E+07	7.82E+08	7.43E+02	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	3.15E+03	
FL385B	1.10E+02	5.09E+00	2.48E+00	2.91E+00	2.00E+0	0.00E+00	2.84E+01	5.00E+05	2.81E+03	2.07E+02	0.00E+00	-3.24E+01	4.32E+08	6.17E+09	1.98E+01	5.78E+00	4.67E+04	0.00E+00	1.73E+01	4.94E+00	3.51E+01	0.00E+00	2.30E+07	9.01E+08	5.85E+02	6.88E+05	2.75E+00	0.00E+00	3.51E+01	-2.80E+05	3.51E+01	3.88E+01	2.75E+00	0.00E+00	0.00E+00	6.07E+03	
FL386B	1.56E+02	6.84E+00	8.05E+00	4.38E+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+08	8.72E+08	2.10E+01	6.94E+00	4.67E+04	0.00E+00	1.78E+01	5.02E+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	6.30E+03	
FL387B	1.88E+02	1.08E+01	5.20E+00	3.40E+00	2.00E+0	0.00E+00	2.52E+01	5.18E+05	5.88E+03	4.59E+02	0.00E+00	-6.33E+01	4.73E+09	9.01E+08	2.18E+01	6.94E+00	4.67E+04	0.00E+00	1.87E+01	8.36E+00	3.83E+01	0.00E+00	2.94E+07	1.29E+07	1.15E+02	2.03E+04	2.46E+00	0.00E+00	3.83E+01	-8.25E+08	3.83E+01	4.07E+01	2.46E+00	0.00E+00	0.00E+00	6.44E+03	
FL390B	1.16E+02	5.22E+00	2.48E+00	2.00E+00	0.00E+00	0.00E+00	1.47E+01	3.24E+05	2.88E+03	2.68E+02	0.00E+00	-1.47E+01	3.41E+08	6.95E+08	1.26E+01	4.58E+00	4.67E+04	0.00E+00	1.87E+01	5.52E+00	3.36E+01	0.00E+00	2.16E+07	9.43E+08	7.64E+02	1.36E+04	1.56E+00	0.00E+00	2.00E+01	2.36E+01	2.35E+01	1.56E+00	0.00E+00	0.00E+00	4.25E+03		
FL391B	1.48E+02	7.88E+00	3.85E+00	4.28E+01	2.00E+0	0.00E+00	2.61E+01	5.19E+05	4.75E+03	3.70E+02	0.00E+00	-5.04E+01	4.48E+08	8.87E+08	1.97E+01	6.23E+00	4.67E+04	0.00E+00	1.83E+01	6.80E+00	3.30E+01	0.00E+00	2.78E+07	1.13E+07	1.03E+02	1.52E+04	2.16E+00	0.00E+00	3.30E+01	-5.39E+05	3.30E+01	3.55E+01	2.16E+00	0.00E+00	0.00E+00	6.29E+03	
FL392B	1.54E+02	1.03E+01	1.24E+00	5.15E+00	2.00E+0	0.00E+00	3.27E+01	6.07E+05	6.16E+03	4.53E+02	0.00E+00	-1.46E+01	4.55E+08	8.89E+08	2.24E+01	6.38E+00	4.67E+04	0.00E+00	2.12E+01	8.08E+00	4.01E+01	0.00E+00	3.28E+07	1.19E+07	1.12E+02	2.20E+04	2.78E+00	0.00E+00	4.01E+01	-7.24E+05	4.01E+01	4.37E+01	2.78E+00	0.00E+00	0.00E+00	7.20E+03	
FL400B	7.41E+01	2.91E+00	1.73E+00	1.91E+00	2.00E+0	0.00E+00	7.17E+00	1.98E+05	1.95E+03	1.69E+02	0.00E+00	-2.29E+01	2.43E+09	3.37E+08	9.72E+02	2.92E+00	4.66E+04	0.00E+00	8.23E+00	2.91E+00	1.65E+01	0.00E+00	1.25E+07	6.18E+08	4.58E+02	7.38E+05	9.88E+01	0.00E+00	1.60E+01	-2.76E+05	1.60E+01	1.71E+01	9.88E+01	0.00E+00	0.00E+00	3.00E+03	
FL401A	6.94E+01	1.07E+00	1.22E+01	8.30E+01	2.00E+0	0.00E+00	2.95E+01	5.14E+05	1.22E+03	1.08E+02	0.00E+00	-4.29E+04	3.71E+08	4.42E+08	1.18E+01	4.10E+00	2.99E+00	0.00E+00	1.02E+01	1.16E+00	3.23E+01	0.00E+00	2.11E+07	5.64E+08	3.69E+02	6.92E+01	2.79E+00	0.00E+00	3.23E+01	2.54E+08	3.23E+01	3.72E+01	2.79E+00	0.00E+00	0.00E+00	6.02E+03	
FL401B	1.08E+02	5.30E+00	8.02E+00	2.00E+00	0.00E+00	0.00E+00	1.01E+01	2.31E+05	3.28E+03	2.54E+02	0.00E+00	-4.72E+01	2.21E+08	4.83E+08	1.36E+01	3.96E+00	4.66E+04	0.00E+00	8.84E+00	5.20E+00	2.20E+01	0.00E+00	1.88E+07	7.50E+08	6.89E+02	1.22E+04	1.04E+00	0.00E+00	2.20E+01	-2.29E+05	2.20E+01	2.29E+01	1.04E+00	0.00E+00	0.00E+00	3.08E+03	
FL402A	1.03E+02	1.22E+00	1.41E+01	1.08E+00	2.00E+0	0.00E+00	3.43E+01	6.37E+05	1.45E+03	1.54E+02	0.00E+00	-6.13E+04	8.80E+09	9.25E+08	1.93E+01	6.13E+00	1.52E+08	0.00E+00	2.20E+01	1.26E+02	3.28E+01	0.00E+00	2.84E+07	1.12E+07	9.29E+02	9.83E+07	3.41E+00	0.00E+00	3.28E+01	2.88E+08	3.28E+01	3.78E+01	3.41E+00	0.00E+00	0.00E+00	7.88E+03	
FL402B	1.14E+02	1.91E+01	1.44E+00	4.81E+00	0.00E+00	0.00E+00	1.14E+01	2.48E+05	4.18E+03	3.73E+02	0.00E+00	-4.69E+01	2.44E+08	5.98E+08	1.47E+01	4.19E+00	4.67E+04	0.00E+00	8.82E+00	8.83E+00	2.38E+01	0.00E+00	1.84E+07	7.64E+08	9.02E+02	2.10E+04	8.28E+01	0.00E+00	2.33E+01	-4.88E+05	2.33E+01	2.43E+01	8.28E+01	0.00E+00	0.00E+00	3.16E+03	
FL403A	6.72E+01	1.18E+00	1.38E+01	1.00E+01	2.00E+0	0.00E+00	2.95E+01	5.88E+05	1.29E+03	1.27E+02	0.00E+00	-8.85E+04	3.89E+09	4.38E+08	1.53E+01	4.19E+00	2.82E+08	0.00E+00	1.91E+01	2.38E+02	3.22E+01	0.00E+00	2.02E+07	6.05E+08	3.92E+02	9.74E+07	3.38E+00	0.00E+00	3.22E+01	2.81E+08	3.22E+01	3.72E+01	3.38E+00	0.00E+00	0.00E+00	6.19E+03	
FL404A	1.08E+02	1.38E+00	1.42E+01	1.07E+00	2.00E+0	0.00E+00	5.64E+01	8.62E+05	1.78E+03	2.01E+02	0.00E+00	-1.04E+03	9.08E+07	1.08E+07	1.67E+01	6.74E+00	1.28E+08	0.00E+00	2.84E+01	1.68E+02	3.78E+01	0.00E+00	3.76E+07	1.45E+07	6.21E+02	9.77E+07	4.02E+00	0.00E+00	3.78E+01	-4.22E+08	3.78E+01	4.47E+01	4.02E+00	0.00E+00	0.00E+00	9.40E+03	
FL405A	1.06E+02	1.40E+00	1.48E+01	1.23E+00	2.00E+0	0.00E+00	5.64E+01	8.65E+05	1.80E+03	2.01E+02	0.00E+00	-7.38E+04	9.04E+08	1.08E+07	1.68E+01	6.98E+00	1.74E+08	0.00E+00	2.87E+01	1.52E+02	3.78E+01	0.00E+00	3.74E+07	1.44E+07	6.28E+02	9.77E+07	4.08E+00	0.00E+00	3.78E+01	-4.62E+08	3.78E+01	4.51E+01	4.08E+00	0.00E+00	0.00E+00	9.47E+03	
FL405B	7.88E+01	4.55E+00	2.42E+00	2.22E+00	2.00E+0	0.00E+00	7.47E+00	2.03E+05	2.31E+03	1.75E+02	0.00E+00	-3.28E+01	2.17E+08	3.79E+08	9.84E+02	5.13E+00	4.67E+04	0.00E+00	8.23E+00	3.98E+00	1.71E+01	0.00E+00	1.25E+07	6.53E+08	5.05E+02	1.05E+04											

FL500B	1.31E+02	1.11E+01	9.09E+00	7.11E+01	2.00E+00	0.00E+00	1.53E+01	3.10E+05	5.10E+03	4.90E+02	0.00E+00	-1.07E+00	3.38E+08	8.21E+08	1.44E+01	4.98E+00	4.67E+04	0.00E+00	1.12E+01	1.38E+01	2.47E+01	0.00E+00	2.00E+07	8.82E+08	1.17E+02	3.63E+04	7.56E+01	0.00E+00	2.47E+01	-1.15E+04	2.47E+01	2.63E+01	7.56E+01	0.00E+00	0.00E+00	0.00E+00	4.22E+02
FL500E	3.82E+03	1.82E+09	4.93E+01	1.30E+02	2.00E+00	0.00E+00	5.17E+00	9.21E+08	1.81E+03	1.31E+02	0.00E+00	-7.87E+02	8.90E+10	3.20E+08	4.92E+02	1.20E+02	3.82E+08	0.00E+00	5.97E+08	1.43E+08	4.89E+02	1.03E+05	4.11E+01	0.00E+00	8.38E+00	4.21E+08	8.38E+08	8.94E+00	4.11E+01	0.00E+00	0.00E+00	0.00E+00	1.34E+02				
FL501A	3.36E+03	1.13E+00	1.74E+01	9.37E+01	2.00E+00	0.00E+00	5.05E+00	8.91E+08	1.48E+03	1.16E+02	0.00E+00	-7.89E+02	8.20E+10	2.99E+08	4.42E+02	1.12E+00	5.18E+08	0.00E+00	2.79E+00	1.28E+00	2.24E+00	0.00E+00	5.84E+08	1.41E+08	3.98E+02	1.03E+05	3.88E+01	0.00E+00	8.24E+00	9.35E+07	8.24E+08	8.77E+00	3.88E+01	0.00E+00	0.00E+00	1.29E+02	
FL501B	1.48E+02	1.34E+01	9.21E+00	7.33E+01	2.00E+00	0.00E+00	1.68E+01	3.28E+08	9.88E+03	5.43E+02	0.00E+00	-1.13E+00	3.31E+08	9.05E+08	1.78E+01	4.88E+00	4.67E+04	0.00E+00	1.19E+01	1.48E+01	2.93E+01	0.00E+00	2.21E+07	9.20E+08	1.31E+02	3.88E+04	7.89E+01	0.00E+00	2.93E+01	-1.21E+04	2.93E+01	3.01E+01	7.89E+01	0.00E+00	0.00E+00	4.33E+02	
FL501E	1.48E+02	4.11E+00	2.33E+01	2.42E+01	2.00E+00	0.00E+00	5.78E+01	9.20E+08	2.45E+03	2.93E+02	0.00E+00	-7.97E+02	7.90E+10	1.21E+07	3.38E+01	7.88E+00	4.67E+04	0.00E+00	2.92E+01	2.78E+02	4.72E+01	0.00E+00	2.21E+07	9.20E+08	1.31E+02	3.88E+04	7.89E+01	0.00E+00	2.93E+01	-1.05E+05	4.72E+01	3.01E+01	9.43E+00	0.00E+00	0.00E+00	9.98E+02	
FL502A	3.36E+03	1.08E+00	4.66E+01	8.46E+01	2.00E+00	0.00E+00	5.04E+00	8.91E+08	1.48E+03	1.14E+02	0.00E+00	-7.89E+02	8.20E+10	2.99E+08	4.42E+02	1.12E+00	5.18E+08	0.00E+00	2.79E+00	1.28E+00	2.24E+00	0.00E+00	5.84E+08	1.41E+08	3.98E+02	1.03E+05	3.88E+01	0.00E+00	8.24E+00	9.35E+07	8.24E+08	8.77E+00	3.88E+01	0.00E+00	0.00E+00	1.29E+02	
FL502B	1.64E+02	2.28E+01	1.15E+01	9.10E+00	2.00E+00	0.00E+00	1.71E+01	3.33E+08	6.91E+03	6.79E+02	0.00E+00	-1.38E+00	3.39E+08	1.94E+07	1.81E+01	4.74E+00	4.67E+04	0.00E+00	1.18E+01	1.78E+01	3.05E+01	0.00E+00	2.30E+07	9.31E+08	1.09E+02	4.34E+04	8.42E+01	0.00E+00	3.05E+01	-1.51E+04	3.05E+01	3.07E+01	8.42E+01	0.00E+00	0.00E+00	4.36E+02	
FL502E	1.65E+02	3.14E+00	2.31E+01	3.41E+00	2.00E+00	0.00E+00	7.21E+01	1.46E+04	2.79E+03	3.17E+02	0.00E+00	-7.72E+04	9.25E+08	1.46E+07	2.62E+01	1.34E+01	2.63E+08	0.00E+00	5.03E+01	2.88E+02	4.55E+01	0.00E+00	6.00E+07	1.84E+07	9.02E+03	9.88E+07	4.91E+00	0.00E+00	4.55E+01	1.09E+05	4.55E+01	5.26E+01	4.91E+00	0.00E+00	0.00E+00	1.79E+03	
FL503A	3.85E+03	1.07E+09	4.85E+01	8.81E+01	2.00E+00	0.00E+00	5.05E+00	8.90E+08	1.48E+03	1.13E+02	0.00E+00	-7.89E+02	8.42E+10	3.08E+08	4.83E+02	1.14E+00	4.70E+08	0.00E+00	2.89E+00	1.27E+00	9.35E+00	0.00E+00	5.92E+08	1.41E+08	4.03E+02	1.03E+05	4.05E+01	0.00E+00	8.38E+00	9.80E+07	4.05E+01	0.00E+00	0.00E+00	0.00E+00	1.30E+02		
FL505B	1.63E+02	1.31E+01	9.79E+00	8.94E+00	2.00E+00	0.00E+00	3.94E+01	6.41E+05	1.48E+03	7.07E+02	0.00E+00	-1.24E+00	3.76E+08	1.70E+07	1.24E+01	6.98E+00	4.67E+04	0.00E+00	2.93E+01	1.03E+01	4.54E+01	0.00E+00	2.46E+07	1.38E+07	3.32E+02	3.71E+04	2.99E+00	0.00E+00	4.54E+01	4.73E+07	2.99E+00	0.00E+00	0.00E+00	7.98E+02			
FL506B	1.78E+02	2.20E+01	1.15E+01	9.20E+00	2.00E+00	0.00E+00	1.78E+01	3.43E+08	7.17E+03	7.07E+02	0.00E+00	-1.34E+00	3.65E+08	1.14E+07	1.99E+01	5.14E+00	4.67E+04	0.00E+00	1.21E+01	1.78E+01	3.15E+01	0.00E+00	2.44E+07	9.95E+08	1.08E+02	4.36E+04	7.52E+01	0.00E+00	3.15E+01	-1.45E+04	3.15E+01	3.17E+01	7.52E+01	0.00E+00	0.00E+00	4.56E+02	
FL507B	1.62E+02	2.93E+01	1.34E+01	1.07E+01	2.00E+00	0.00E+00	2.24E+01	3.62E+08	7.68E+03	7.39E+02	0.00E+00	-1.53E+00	3.79E+08	1.95E+07	1.93E+01	5.23E+00	4.67E+04	0.00E+00	1.21E+01	1.88E+01	3.23E+01	0.00E+00	2.84E+07	9.91E+08	1.61E+02	5.37E+04	8.32E+01	0.00E+00	3.23E+01	-1.70E+04	3.23E+01	3.28E+01	8.32E+01	0.00E+00	0.00E+00	4.07E+02	
FL510B	1.65E+02	2.09E+01	1.14E+01	9.84E+00	2.00E+00	0.00E+00	3.42E+01	6.51E+05	1.41E+03	7.08E+02	0.00E+00	-1.35E+00	4.74E+08	1.13E+07	2.54E+01	7.07E+00	4.67E+04	0.00E+00	2.96E+01	1.17E+01	4.06E+01	0.00E+00	3.56E+07	1.18E+07	1.59E+02	4.31E+04	2.78E+00	0.00E+00	4.06E+01	-1.48E+04	4.06E+01	4.10E+01	2.78E+00	0.00E+00	0.00E+00	7.05E+02	
FL510E	1.52E+02	1.91E+00	1.85E+01	2.00E+00	2.00E+00	0.00E+00	7.17E+01	1.49E+04	2.84E+03	3.04E+02	0.00E+00	-1.71E+03	8.22E+08	1.43E+07	2.49E+01	1.34E+01	2.69E+08	0.00E+00	5.07E+01	3.02E+02	4.44E+01	0.00E+00	5.82E+07	1.74E+07	8.52E+02	9.88E+07	4.74E+00	0.00E+00	4.44E+01	9.13E+08	4.44E+01	5.13E+01	4.74E+00	0.00E+00	0.00E+00	1.76E+03	
FL511B	2.17E+02	2.96E+01	1.35E+01	1.21E+01	2.00E+00	0.00E+00	3.94E+01	7.10E+05	1.48E+03	6.84E+02	0.00E+00	-1.07E+03	5.96E+08	1.30E+07	2.27E+01	7.98E+00	4.67E+04	0.00E+00	2.41E+01	2.15E+01	4.84E+01	0.00E+00	3.91E+07	1.33E+07	1.84E+02	5.16E+04	2.71E+00	0.00E+00	4.46E+01	4.84E+01	4.82E+01	2.71E+00	0.00E+00	0.00E+00	8.24E+02		
FL511E	3.02E+02	5.21E+08	3.45E+01	5.16E+01	2.00E+00	0.00E+00	1.21E+02	2.92E+04	4.42E+03	5.02E+02	0.00E+00	-9.13E+04	1.28E+08	2.91E+07	5.65E+01	2.26E+01	1.88E+08	0.00E+00	8.52E+01	2.73E+02	6.18E+01	0.00E+00	1.01E+08	3.68E+07	1.57E+02	1.41E+08	7.76E+00	0.00E+00	6.18E+01	1.59E+05	6.18E+01	7.11E+01	7.76E+00	0.00E+00	0.00E+00	2.96E+03	
FL512B	2.62E+02	3.28E+01	1.81E+01	1.53E+01	2.00E+00	0.00E+00	4.48E+01	8.83E+05	1.95E+02	9.76E+02	0.00E+00	-1.85E+00	7.14E+08	1.87E+07	3.38E+01	9.97E+00	4.67E+04	0.00E+00	2.82E+01	2.45E+01	5.35E+01	0.00E+00	4.82E+07	1.75E+07	2.18E+02	6.11E+04	3.86E+00	0.00E+00	5.35E+01	1.22E+04	5.35E+01	5.71E+01	3.86E+00	0.00E+00	0.00E+00	9.85E+02	
FL512E	5.26E+02	9.78E+00	4.73E+01	8.91E+00	2.00E+00	0.00E+00	1.83E+02	3.54E+04	8.77E+03	8.71E+02	0.00E+00	-2.18E+02	2.29E+08	3.88E+07	7.87E+01	3.20E+01	9.17E+07	0.00E+00	1.23E+02	7.97E+02	1.67E+02	0.00E+00	1.43E+08	5.82E+07	2.73E+02	2.92E+08	1.78E+01	0.00E+00	1.67E+02	2.36E+03	1.87E+02	1.95E+02	1.78E+01	0.00E+00	0.00E+00	4.37E+02	
FL520B	4.39E+02	1.44E+01	3.37E+00	9.88E+00	2.00E+00	0.00E+00	9.60E+01	1.07E+04	1.68E+02	1.23E+01	0.00E+00	-1.18E+00	9.20E+08	1.73E+07	3.89E+01	8.95E+00	4.62E+04	0.00E+00	3.32E+01	1.71E+01	1.21E+02	0.00E+00	9.32E+07	3.48E+07	3.03E+02	9.87E+04	1.12E+01	0.00E+00	1.31E+02	-1.23E+04	1.21E+02	1.12E+01	0.00E+00	0.00E+00	1.17E+03		
FL520E	3.06E+02	4.69E+00	3.58E+01	6.00E+00	2.00E+00	0.00E+00	1.22E+02	3.83E+04	4.88E+03	5.20E+02	0.00E+00	-1.07E+03	2.98E+08	2.52E+07	5.67E+01	2.27E+01	8.59E+07	0.00E+00	8.50E+01	1.91E+02	6.31E+01	0.00E+00	1.01E+08	3.71E+07	1.68E+02	6.31E+04	7.81E+00	0.00E+00	6.31E+01	7.25E+01	7.81E+00	0.00E+00	0.00E+00	2.98E+03			
FL521B	4.36E+02	2.12E+01	1.03E+01	1.00E+01	2.00E+00	0.00E+00	9.37E+01	1.07E+04	1.15E+02	1.30E+01	0.00E+00	-1.35E+00	1.94E+08	1.81E+07	3.99E+01	8.94E+00	4.62E+04	0.00E+00	3.27E+01	1.72E+01	1.21E+02	0.00E+00	9.37E+07	3.48E+07	3.04E+02	4.02E+04	1.10E+01	0.00E+00	1.21E+02	-1.45E+04	1.21E+02	1.38E+02	1.10E+01	0.00E+00	0.00E+00	1.17E+03	
FL521E	7.22E+02	7.99E+00	6.38E+01	1.15E+01	2.00E+00	0.00E+00	2.24E+02	4.38E+04	1.23E+02	1.15E+01	0.00E+00	-2.18E+02	3.01E+08	4.83E+07	9.52E+01	3.97E+01	8.99E+07	0.00E+00	1.58E+02	1.46E+01	1.98E+02	0.00E+00	1.80E+08	7.48E+07	3.58E+02	6.85E+08	1.98E+01	0.00E+00	1.98E+02	3.73E+05	1.98E+02	2.30E+03	1.98E+01	0.00E+00	0.00E+00	5.30E+03	
FL522B	4.50E+02	3.29E+01	1.44E+01	1.40E+01	2.00E+00	0.00E+00	9.67E+01	1.32E+04	1.28E+02	1.93E+01	0.00E+00	-1.73E+00	1.22E+08	3.31E+07	5.28E+01	1.14E+01	4.62E+04	0.00E+00	3.94E+01	2.29E+01	1.41E+02	0.00E+00	9.14E+07	3.63E+07	3.67E+02	9.22E+04	1.21E+01	0.00E+00	1.41E+02	-1.82E+04	1.41E+02	1.38E+02	1.21E+01	0.00E+00	0.00E+00	1.30E+03	
FL522E	5.16E+02	1.11E+04	3.66E+01	1.10E+01	2.00E+00	0.00E+00	1.64E+02	3.29E+04	1.08E+02	1.11E+01	0.00E+00	-2.00E+00	2.72E+08	3.51E+07	6.88E+01	2.91E+01	1.09E+08	0.00E+00	1.08E+02	2.21E+03	1.78E+02	0.00E+00	9.12E+07	3.58E+07	3.02E+02	9.87E+04	1.21E+01	0.00E+00	1.78E+02	-1.08E+05	1.78E+02	1.37E+02	1.21E+01	0.00E+00	0.00E+00	3.87E+03	
FL525B	3.49E+02	2.15E+01	1.88E+01	1.15E+01	2.00E+00	0.00E+00	9.67E+01	1.42E+04	1.04E+02	1.11E+01	0.00E+00	-1.35E+00	1.13E+08	2.13E+07	4.43E+01	1.23E+01	4.61E+04	0.00E+00	4.96E+01	1.93E+01	1.17E+02	0.00E+00	6.17E+07	3.05E+07	2.98E+02	4.15E+04	1.98E+01	0.00E+00	1.17E+02	-1.46E+04	1.17E+02	1.26E+02	1.98E+01	0.00E+00	0.00E+00	1.75E+03	
FL526B	3.52E+02	2.47E+01	1.27E+01	1.19E+01	2.00E+00	0.00E+00	1.08E+02	1.41E+04	1.68E+02	1.10E+01	0.00E+00	-1.44E+00	1.26E+08	2.34E+07	4.49E+01	1.28E+01	4.61E+04	0.00E+00	4.98E+01	1.99E+01	1.19E+02	0.00E+00	7.02E+07	3.15E+07	2.64E+02	4.95E+04	1.68E+01	0.00E+00	1.19E+02	-1.54E+04							

FL703L	2.985Z	4.33E+00	3.81E+01	4.34E+00	2.00E+00	0.00E+00	7.71E+01	1.54E+04	5.00E+03	5.17E+02	0.00E+00	-3.83E+02	9.26E+08	1.58E+07	4.33E+01	1.37E+01	3.14E+04	0.00E+00	5.29E+01	2.47E+01	9.07E+01	0.00E+00	6.05E+07	2.83E+07	1.51E+02	6.54E+06	9.20E+00	0.00E+00	9.07E+01	1.53E+05	9.07E+01	1.01E+02	9.20E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+08
FL706L	2.805Z	5.80E+00	3.82E+01	5.22E+00	0.00E+00	0.00E+00	7.74E+01	1.59E+04	5.30E+03	5.30E+02	0.00E+00	-1.42E+02	1.01E+08	1.74E+07	4.78E+01	1.41E+01	2.93E+04	0.00E+00	5.49E+01	1.91E+01	8.81E+01	0.00E+00	6.34E+07	2.89E+07	1.49E+02	5.49E+06	9.13E+00	0.00E+00	8.81E+01	1.92E+05	8.81E+01	9.33E+01	9.13E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+08
FL707L	2.935Z	6.12E+00	4.28E+01	5.79E+00	0.00E+00	0.00E+00	8.48E+01	1.73E+04	5.74E+03	5.79E+02	0.00E+00	-1.63E+02	1.07E+08	1.90E+07	5.45E+01	1.54E+01	2.93E+04	0.00E+00	5.97E+01	2.19E+01	9.41E+01	0.00E+00	6.92E+07	3.11E+07	1.62E+02	6.23E+06	9.96E+00	0.00E+00	9.41E+01	2.07E+05	9.41E+01	1.04E+02	9.96E+00	0.00E+00	0.00E+00	0.00E+00	2.13E+08
FL708L	3.895Z	7.59E+00	5.21E+01	6.89E+00	2.00E+00	0.00E+00	1.20E+02	2.28E+04	6.98E+03	7.09E+02	0.00E+00	-3.61E+02	1.62E+08	2.36E+07	6.31E+01	2.04E+01	2.93E+04	0.00E+00	7.73E+01	2.83E+01	1.20E+02	0.00E+00	9.15E+07	4.32E+07	1.98E+02	7.99E+08	1.25E+01	0.00E+00	1.20E+02	2.34E+05	1.20E+02	1.13E+02	1.25E+01	0.00E+00	0.00E+00	0.00E+00	2.78E+08
FL712L	6.005Z	1.08E+01	6.97E+01	1.18E+02	0.00E+00	0.00E+00	1.73E+02	3.62E+04	1.18E+03	1.17E+01	0.00E+00	-3.38E+02	2.14E+08	4.45E+07	8.77E+01	3.30E+01	2.93E+04	0.00E+00	1.23E+02	3.76E+01	1.94E+02	0.00E+00	1.48E+08	6.57E+07	3.50E+02	9.09E+08	2.00E+01	0.00E+00	1.94E+02	3.47E+05	1.94E+02	2.12E+02	2.00E+01	0.00E+00	0.00E+00	0.00E+00	4.47E+08
FL713L	4.925Z	9.17E+00	8.00E+01	8.57E+00	0.00E+00	0.00E+00	1.29E+02	2.62E+04	6.40E+03	8.73E+02	0.00E+00	-1.98E+02	1.56E+08	2.86E+07	6.70E+01	2.30E+01	2.93E+04	0.00E+00	8.94E+01	2.66E+01	1.42E+02	0.00E+00	1.06E+08	4.98E+07	2.44E+02	7.79E+08	1.50E+01	0.00E+00	1.42E+02	1.42E+02	1.07E+02	1.50E+01	0.00E+00	0.00E+00	0.00E+00	3.18E+08	
FL714L	4.995Z	1.13E+01	1.18E+00	1.07E+01	2.00E+00	0.00E+00	1.68E+02	3.41E+04	1.61E+02	1.97E+01	0.00E+00	-1.68E+01	2.05E+08	3.59E+07	8.99E+01	2.94E+01	2.93E+04	0.00E+00	1.14E+02	2.79E+00	1.79E+02	0.00E+00	1.32E+08	5.99E+07	2.99E+02	3.94E+05	1.84E+01	0.00E+00	1.79E+02	5.97E+05	1.79E+02	1.91E+02	1.84E+01	0.00E+00	0.00E+00	0.00E+00	4.08E+08
FL715L	5.845Z	1.18E+01	7.32E+01	1.03E+01	0.00E+00	0.00E+00	1.54E+02	3.14E+04	9.96E+03	1.04E+01	0.00E+00	-2.55E+02	1.83E+08	3.40E+07	8.28E+01	2.79E+01	2.93E+04	0.00E+00	1.07E+02	3.41E+01	1.70E+02	0.00E+00	1.36E+08	5.60E+07	2.93E+02	9.84E+04	1.79E+01	0.00E+00	1.70E+02	3.72E+05	1.70E+02	1.88E+02	1.79E+01	0.00E+00	0.00E+00	0.00E+00	3.79E+08
FL716L	8.345Z	1.50E+01	1.55E+00	1.32E+01	2.00E+00	0.00E+00	2.04E+02	3.94E+04	1.29E+02	1.40E+01	0.00E+00	-1.18E+01	1.93E+08	4.12E+07	9.84E+01	3.51E+01	2.93E+04	0.00E+00	1.28E+02	3.94E+00	2.91E+02	0.00E+00	1.59E+08	7.05E+07	3.87E+02	4.90E+05	2.08E+01	0.00E+00	2.91E+02	3.78E+05	2.91E+02	2.18E+02	2.08E+01	0.00E+00	0.00E+00	0.00E+00	4.38E+08
FL721L	7.195Z	1.37E+01	2.45E+02	1.43E+01	0.00E+00	0.00E+00	2.21E+02	4.03E+04	1.52E+02	1.48E+01	0.00E+00	-2.15E+02	2.93E+08	4.85E+07	1.23E+02	2.93E+01	2.93E+04	0.00E+00	1.52E+02	4.16E+01	2.45E+02	0.00E+00	1.80E+08	8.00E+07	4.17E+02	1.23E+05	2.56E+01	0.00E+00	2.45E+02	2.93E+05	2.45E+02	2.70E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	5.36E+08
FL723L	7.135Z	2.17E+01	2.17E+00	2.10E+01	2.00E+00	0.00E+00	2.18E+02	4.68E+04	1.35E+02	1.53E+01	0.00E+00	-1.81E+01	2.33E+08	3.08E+07	1.16E+00	4.11E+01	2.93E+04	0.00E+00	1.69E+02	4.42E+00	2.45E+02	0.00E+00	1.84E+08	8.51E+07	4.13E+02	1.53E+05	2.52E+01	0.00E+00	2.45E+02	5.00E+05	2.45E+02	2.60E+02	2.52E+01	0.00E+00	0.00E+00	0.00E+00	5.64E+08
FL729L	8.975Z	2.58E+01	2.37E+00	1.74E+01	2.00E+00	0.00E+00	2.71E+02	5.63E+04	1.77E+02	1.84E+01	0.00E+00	-1.81E+01	2.92E+08	6.18E+07	1.34E+00	5.03E+01	2.93E+04	0.00E+00	1.89E+02	4.38E+00	2.38E+02	0.00E+00	2.30E+08	9.91E+07	5.12E+02	6.01E+05	3.33E+01	0.00E+00	3.28E+02	6.33E+05	3.28E+02	3.66E+02	3.33E+01	0.00E+00	0.00E+00	0.00E+00	6.71E+08
FL729L	1.04E+01	2.37E+01	2.45E+00	2.00E+01	2.00E+00	0.00E+00	3.05E+02	6.42E+04	2.01E+02	2.09E+01	0.00E+00	-1.81E+01	3.54E+08	6.78E+07	1.56E+00	5.63E+01	2.93E+04	0.00E+00	2.19E+02	4.31E+00	3.55E+02	0.00E+00	2.59E+08	1.14E+08	5.79E+02	6.40E+05	3.61E+01	0.00E+00	3.59E+02	7.00E+05	3.59E+02	4.03E+02	3.61E+01	0.00E+00	0.00E+00	0.00E+00	7.60E+08
FL729L	1.99E+01	2.39E+01	1.47E+00	2.21E+01	0.00E+00	0.00E+00	3.39E+02	6.81E+04	2.12E+02	2.29E+01	0.00E+00	-4.04E+02	3.97E+08	7.39E+07	1.60E+00	6.05E+01	2.93E+04	0.00E+00	2.30E+02	5.40E+01	3.70E+02	0.00E+00	2.73E+08	1.27E+08	6.31E+02	1.84E+05	3.88E+01	0.00E+00	3.70E+02	3.70E+02	4.09E+02	3.88E+01	0.00E+00	0.00E+00	0.00E+00	8.16E+08	
FL74Z	2.935Z	6.93E+02	2.45E+02	2.45E+02	0.00E+00	0.00E+00	6.71E+03	1.25E+10	1.54E+04	1.68E+04	0.00E+00	0.00E+00	2.03E+10	1.54E+04	1.68E+04	0.00E+00	2.93E+04	0.00E+00	2.66E+04	8.71E+03	5.79E+03	0.00E+00	1.12E+10	3.78E+10	3.40E+05	8.31E+04	4.01E+05	7.59E+03	3.59E+07	5.79E+03	3.40E+05	4.01E+05	0.00E+00	0.00E+00	0.00E+00	1.14E+10	
FL75Z	3.58E+01	4.40E+01	1.00E+01	3.21E+01	2.00E+00	0.00E+00	2.50E+02	2.98E+08	9.90E+04	6.81E+03	0.00E+00	-1.27E+02	2.10E+10	6.93E+09	1.48E+02	4.38E+01	9.24E+08	0.00E+00	1.53E+01	1.88E+01	2.52E+02	0.00E+00	2.11E+08	9.28E+09	2.05E+01	5.91E+08	2.38E+01	0.00E+00	2.52E+02	-4.83E+07	2.52E+02	2.29E+02	2.38E+01	0.00E+00	0.00E+00	0.00E+00	4.34E+01
FL76Z	3.58E+01	4.40E+01	1.00E+01	3.21E+01	2.00E+00	0.00E+00	2.50E+02	2.98E+08	9.90E+04	6.81E+03	0.00E+00	-1.27E+02	2.10E+10	6.93E+09	1.48E+02	4.38E+01	9.24E+08	0.00E+00	1.53E+01	1.88E+01	2.52E+02	0.00E+00	2.11E+08	9.28E+09	2.05E+01	5.91E+08	2.38E+01	0.00E+00	2.52E+02	-4.83E+07	2.52E+02	2.29E+02	2.38E+01	0.00E+00	0.00E+00	0.00E+00	4.34E+01
FL77Z	3.65E+01	6.43E+01	1.21E+01	3.78E+01	2.00E+00	0.00E+00	2.51E+02	3.27E+08	9.87E+04	6.86E+03	0.00E+00	-1.15E+02	2.16E+10	7.30E+09	2.11E+02	4.86E+01	6.04E+08	0.00E+00	1.81E+01	1.84E+01	2.83E+02	0.00E+00	2.46E+08	8.60E+09	2.11E+01	5.94E+08	2.51E+01	0.00E+00	2.83E+02	-3.08E+07	2.83E+02	2.40E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	5.30E+01
FL81Z	2.70E+01	7.98E+01	1.77E+01	4.48E+01	2.00E+00	0.00E+00	2.69E+02	3.79E+08	8.83E+04	5.36E+03	0.00E+00	-1.68E+02	4.82E+10	9.80E+09	2.33E+02	4.85E+01	1.09E+09	0.00E+00	1.55E+01	2.46E+01	2.83E+02	0.00E+00	2.43E+08	8.27E+08	1.50E+01	1.22E+05	2.62E+01	0.00E+00	2.84E+02	1.23E+07	2.83E+02	2.77E+02	2.62E+01	0.00E+00	0.00E+00	0.00E+00	5.80E+01
FL82Z	2.96E+01	1.09E+00	1.36E+01	8.76E+01	2.00E+00	0.00E+00	4.11E+02	4.38E+08	1.10E+03	1.06E+02	0.00E+00	-2.01E+02	9.36E+10	1.99E+08	2.72E+02	4.86E+01	6.39E+08	0.00E+00	1.90E+01	2.29E+01	2.84E+02	0.00E+00	3.96E+08	6.58E+08	2.68E+01	8.95E+06	2.70E+01	0.00E+00	2.99E+02	2.74E+02	2.92E+02	2.70E+01	0.00E+00	0.00E+00	0.00E+00	7.30E+01	
FL83Z	2.88E+01	7.39E+01	1.79E+01	4.82E+01	2.00E+00	0.00E+00	2.78E+02	4.49E+08	9.91E+04	6.91E+03	0.00E+00	-1.69E+02	4.39E+10	9.76E+09	2.20E+02	8.82E+01	8.53E+08	0.00E+00	2.00E+01	2.46E+01	3.27E+02	0.00E+00	2.92E+08	9.20E+08	1.85E+01	1.22E+05	2.88E+01	0.00E+00	3.27E+02	3.15E+08	3.27E+02	2.98E+02	2.88E+01	0.00E+00	0.00E+00	0.00E+00	7.39E+01
FL85Z	2.88E+01	9.39E+01	1.78E+01	6.00E+01	2.00E+00	0.00E+00	2.94E+02	6.17E+08	1.01E+03	7.84E+03	0.00E+00	-3.48E+02	3.34E+10	2.35E+08	3.11E+02	9.98E+01	6.52E+08	0.00E+00	2.82E+01	2.42E+01	4.49E+02	0.00E+00	4.84E+08	1.13E+08	2.79E+01	7.37E+06	3.28E+01	0.00E+00	4.49E+02	1.72E+08	4.49E+02	4.43E+02	3.28E+01	0.00E+00	0.00E+00	0.00E+00	8.98E+01
FL863Z	5.70E+03	1.19E+00	5.81E+01	1.09E+01	2.00E+00	0.00E+00	4.30E+02	8.08E+08	1.39E+03	1.20E+02	0.00E+00	-8.45E+02	9.73E+10	2.31E+08	5.98E+02	1.97E+01	7.37E+08	0.00E+00	3.81E+01	1.36E+01	8.07E+02	0.00E+00	7.45E+08	4.79E+08	3.09E+01	2.96E+05	4.83E+01	0.00E+00	8.07E+02	2.23E+08	8.07E+02	7.45E+02	4.83E+01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
FL872Z	5.69E+01	8.19E+01	4.16E+01	8.56E+01	2.00E+00	0.00E+00	4.07E+02	5.22E+08	1.13E+02	1.18E+02	0.00E+00	-2.15E+02	7.98E+10	1.77E+08	5.98E+02	1.19E+01	7.37E+08	0.00E+00	2.94E+01	4.05E+01	1.68E+02	0.00E+00	7.42E+08	4.29E+08	3.22E+01	1.69E+05	3.58E+01	0.00E+00	6.01E+02	1.61E+05	3.58E+01	3.58E+01	3.58E+01	0.00E+00	0.00E+00	0.00E+00	9.39E+01
FL94Z	2.49E+01	7.07E+01	1.83E+01	4.56E+01	2.00E+00	0.00E+00	2.80E+02	3.98E+08	9.91E+04	5.29E+03	0.00E+00	-1.69E+02	4.59E+10	8.80E+08	1.79E+02	4.82E+01	1.18E+05	0.00E+00	1.54E+01	2.59E+01	2.83E+02	0.00E+00	2.43E+08	6.61E+08	1.50E+01	1.22E+05	2.45E+01	0.00E+00	2.83E+02	-3.98E+08	2.83E+02	2.74E+02	2.45E+01	0.00E+00	0.00E+00	0.00E+00	5.80E+01
FL957A	1.46E+02	2.47E+00	1.68E+01	3.12E+00	2.00E																																

FZ181F	1.066-02	4.306-00	2.125-01	4.086-00	0.006-00	0.006-00	6.226-01	1.206-04	3.806-03	4.176-02	0.006-00	1.586-04	7.806-08	1.346-07	3.346-01	1.126-01	1.836-04	0.006-00	4.196-01	4.536-03	8.886-01	0.006-00	5.076-07	2.236-07	1.176-02	7.836-07	7.146-00	0.006-00	6.886-01	1.576-05	8.886-01	7.576-01	7.146-00	0.006-00	0.006-00	0.006-00	1.486-03
FZ870Z	5.416-03	1.126-00	5.856-01	7.946-01	2.006-09	0.006-00	2.156-01	4.406-05	9.786-04	7.836-02	0.006-00	3.036-02	3.316-08	4.206-08	8.916-02	3.876-00	6.486-06	0.006-00	1.446-01	1.286-01	2.176-01	0.006-00	1.376-07	4.206-08	2.276-05	1.276-05	1.796-00	0.006-00	2.116-01	1.606-08	2.176-01	2.436-01	1.796-00	0.006-00	0.006-00	0.006-00	5.246-02
GE013EN	1.466-02	3.826-00	1.866-01	3.206-00	0.006-00	0.006-00	4.486-01	9.126-05	3.886-03	3.186-02	0.006-00	4.786-02	5.046-08	1.076-07	2.406-01	8.006-00	1.876-04	0.006-00	3.126-01	7.626-01	4.936-01	0.006-00	3.836-07	1.636-07	8.776-05	1.906-05	5.176-00	0.006-00	4.936-01	5.056-08	4.936-01	5.456-01	5.176-00	0.006-00	0.006-00	0.006-00	1.126-03
GE213EN	1.906-02	4.906-00	8.086-01	4.106-01	0.006-00	0.006-00	5.876-01	1.186-04	3.886-03	4.086-02	0.006-00	7.806-02	6.496-08	1.286-07	3.036-01	1.036-01	1.886-04	0.006-00	4.076-01	1.076-00	6.276-01	0.006-00	4.826-07	2.076-07	1.126-02	2.906-05	6.956-00	0.006-00	6.726-01	6.236-08	6.276-01	6.936-01	6.956-00	0.006-00	0.006-00	0.006-00	1.436-03
GE313EN	2.166-02	5.986-00	9.176-01	4.886-01	0.006-00	0.006-00	6.476-01	1.326-04	4.366-03	4.636-02	0.006-00	8.626-02	7.206-08	1.466-07	3.486-01	1.176-01	1.886-04	0.006-00	4.536-01	1.146-00	7.136-01	0.006-00	5.236-07	2.336-07	1.276-02	3.836-05	7.506-00	0.006-00	6.726-01	7.686-08	7.136-01	7.506-01	7.506-00	0.006-00	0.006-00	0.006-00	1.606-03
GE326EN	2.466-02	6.206-00	9.506-01	5.206-00	0.006-00	0.006-00	7.976-01	1.516-04	4.966-03	5.236-02	0.006-00	8.696-02	8.026-08	1.686-07	3.966-01	1.306-01	1.906-04	0.006-00	5.166-01	1.196-00	7.416-01	0.006-00	6.006-07	2.676-07	1.446-02	2.866-05	8.506-00	0.006-00	8.146-01	9.206-08	8.146-01	8.886-01	8.506-00	0.006-00	0.006-00	0.006-00	1.846-03
GE413EN	2.386-02	6.136-00	1.026-00	5.126-00	0.006-00	0.006-00	7.106-01	1.456-04	4.866-03	5.076-02	0.006-00	6.986-02	7.776-08	1.886-07	3.636-01	1.266-01	1.886-04	0.006-00	4.986-01	1.276-00	7.886-01	0.006-00	6.786-07	2.586-07	1.468-02	3.156-05	8.216-00	0.006-00	7.686-01	7.536-08	7.886-01	8.876-01	8.216-00	0.006-00	0.006-00	0.006-00	1.776-03
GE426EN	2.746-02	7.086-00	1.146-00	5.946-00	0.006-00	0.006-00	8.386-01	1.686-04	5.586-03	5.906-02	0.006-00	1.076-01	7.886-08	1.876-07	4.506-01	1.506-01	1.906-04	0.006-00	5.646-01	1.476-00	8.196-01	0.006-00	6.806-07	2.686-07	1.636-02	3.506-05	8.486-00	0.006-00	9.186-01	8.686-08	9.186-01	1.076-02	8.486-00	0.006-00	0.006-00	0.006-00	1.906-03
GE826EN	2.476-02	6.726-00	1.286-00	5.486-00	0.006-00	0.006-00	7.386-01	1.716-04	5.886-03	5.376-02	0.006-00	1.236-01	8.406-08	1.876-07	3.886-01	1.346-01	1.926-04	0.006-00	5.236-01	1.856-00	8.176-01	0.006-00	6.026-07	2.686-07	1.476-02	4.086-05	8.586-00	0.006-00	8.176-01	5.116-08	8.176-01	9.036-01	8.586-00	0.006-00	0.006-00	0.006-00	1.876-03
GF013E	1.246-02	2.866-00	1.236-01	2.586-00	0.006-00	0.006-00	3.586-01	5.586-05	2.586-02	0.006-00	0.006-00	1.656-05	5.036-08	3.886-07	2.386-01	1.386-01	1.836-04	0.006-00	2.886-01	2.376-00	4.946-01	0.006-00	3.166-07	1.386-07	7.246-05	3.986-07	4.946-00	0.006-00	4.826-01	4.776-01	4.946-00	0.006-00	0.006-00	0.006-00	0.006-00	9.166-02	
GF113E	1.306-02	3.226-00	1.586-01	3.006-00	0.006-00	0.006-00	4.686-01	9.446-05	2.856-03	3.176-02	0.006-00	1.836-02	6.116-08	1.016-07	2.516-01	8.476-00	1.836-04	0.006-00	3.196-01	2.486-00	5.186-01	0.006-00	3.826-07	1.686-07	8.776-05	3.876-07	5.386-00	0.006-00	5.186-01	1.766-08	5.186-01	5.706-01	5.386-00	0.006-00	0.006-00	0.006-00	1.116-03
GF213E	1.556-02	3.386-00	1.656-01	3.186-00	0.006-00	0.006-00	4.886-01	9.816-05	2.986-03	3.286-02	0.006-00	1.636-02	6.166-08	1.056-07	2.616-01	8.746-00	1.836-04	0.006-00	3.286-01	2.516-00	5.376-01	0.006-00	3.976-07	1.736-07	9.816-05	6.886-07	5.886-00	0.006-00	5.376-01	1.246-08	5.376-01	5.886-01	5.886-00	0.006-00	0.006-00	0.006-00	1.166-03
GF313E	1.786-02	3.836-00	1.886-01	3.686-00	0.006-00	0.006-00	5.586-01	1.136-04	3.406-03	3.736-02	0.006-00	1.856-02	7.026-08	1.206-07	3.006-01	1.006-01	1.836-04	0.006-00	3.786-01	2.606-00	6.156-01	0.006-00	4.556-07	2.006-07	1.046-02	6.756-07	6.406-00	0.006-00	6.156-01	1.426-08	6.156-01	6.796-01	6.406-00	0.006-00	0.006-00	0.006-00	1.306-03
GF326E	1.496-02	3.216-00	1.886-01	3.056-00	0.006-00	0.006-00	4.656-01	9.406-05	2.846-03	3.126-02	0.006-00	1.636-02	5.806-08	1.086-07	2.556-01	8.376-00	1.836-04	0.006-00	3.146-01	2.486-00	5.146-01	0.006-00	3.826-07	1.686-07	8.776-05	3.886-07	5.346-00	0.006-00	5.146-01	1.756-08	5.146-01	5.886-01	5.346-00	0.006-00	0.006-00	0.006-00	1.176-03
GF413E	1.966-02	4.226-00	2.086-01	4.006-00	0.006-00	0.006-00	6.466-01	1.246-04	3.746-03	4.176-02	0.006-00	1.946-02	7.656-08	1.336-07	3.166-01	1.146-01	1.836-04	0.006-00	4.146-01	2.886-00	6.786-01	0.006-00	5.056-07	2.166-07	1.156-02	3.706-05	7.066-00	0.006-00	6.146-01	1.566-08	6.786-01	7.466-01	7.066-00	0.006-00	0.006-00	0.006-00	1.466-03
GF426E	1.836-02	3.956-00	1.956-01	3.756-00	0.006-00	0.006-00	5.746-01	1.186-04	3.506-03	3.846-02	0.006-00	1.836-02	7.016-08	1.246-07	3.086-01	1.036-01	1.836-04	0.006-00	3.876-01	2.836-00	6.336-01	0.006-00	4.486-07	2.086-07	1.076-02	6.916-07	6.936-00	0.006-00	6.336-01	1.486-08	6.336-01	6.986-01	6.936-00	0.006-00	0.006-00	0.006-00	1.386-03
GF826E	2.196-02	4.716-00	2.326-01	4.486-00	0.006-00	0.006-00	6.846-01	1.386-04	4.186-03	4.586-02	0.006-00	5.276-02	8.146-08	1.476-07	3.686-01	1.226-01	1.836-04	0.006-00	4.816-01	1.876-00	7.576-01	0.006-00	5.806-07	2.486-07	1.286-02	7.776-07	7.886-00	0.006-00	7.576-01	1.746-08	7.576-01	8.336-01	7.886-00	0.006-00	0.006-00	0.006-00	1.606-03
P80U	4.496-02	9.876-00	5.836-01	9.266-00	0.006-00	0.006-00	1.416-02	2.846-04	8.816-03	9.486-02	0.006-00	1.316-02	2.166-08	3.046-07	7.546-01	2.536-01	4.586-04	0.006-00	9.486-01	1.786-01	1.556-02	0.006-00	1.146-08	5.046-07	2.846-02	3.886-08	1.616-01	0.006-00	1.596-02	3.406-05	1.596-02	1.776-02	1.616-01	0.006-00	0.006-00	0.006-00	3.306-03
UT32S	1.086-02	2.486-00	1.276-00	2.856-00	2.006-09	0.006-00	2.336-01	4.086-05	3.226-03	2.876-02	0.006-00	1.236-01	1.946-08	7.376-08	2.316-01	3.886-00	5.896-06	0.006-00	1.426-01	1.256-00	2.146-01	0.006-00	2.206-07	1.026-07	7.036-02	4.116-05	1.626-00	0.006-00	2.146-01	1.036-08	2.146-01	1.826-01	1.626-00	0.006-00	0.006-00	0.006-00	5.946-02
UT33S	1.176-02	2.886-00	1.226-00	2.886-00	2.006-09	0.006-00	2.686-01	4.106-05	3.346-03	2.886-02	0.006-00	1.246-01	1.976-08	7.536-08	2.336-01	3.886-00	5.896-06	0.006-00	1.426-01	1.246-00	2.146-01	0.006-00	2.216-07	1.026-07	7.186-02	4.126-05	1.636-00	0.006-00	2.146-01	1.026-08	2.146-01	1.826-01	1.636-00	0.006-00	0.006-00	0.006-00	5.966-02
UT34S	1.086-02	2.176-00	1.186-00	2.576-00	2.006-09	0.006-00	2.336-01	4.236-05	3.186-03	2.886-02	0.006-00	1.246-01	1.826-08	7.436-08	2.336-01	3.886-00	6.806-06	0.006-00	1.476-01	1.256-00	2.326-01	0.006-00	2.256-07	1.046-07	6.886-02	4.126-05	1.686-00	0.006-00	2.326-01	2.596-07	2.326-01	1.986-01	1.686-00	0.006-00	0.006-00	0.006-00	5.976-02
UT52S	1.056-02	1.986-00	1.106-00	2.526-00	2.006-09	0.006-00	2.336-01	4.076-05	3.076-03	2.886-02	0.006-00	1.236-01	1.976-08	7.346-08	2.286-01	3.846-00	6.846-06	0.006-00	1.426-01	1.256-00	2.146-01	0.006-00	2.176-07	1.026-07	6.986-02	4.126-05	1.606-00	0.006-00	2.146-01	1.406-08	2.146-01	1.876-01	1.606-00	0.006-00	0.006-00	0.006-00	5.936-02
UT53S	1.096-02	2.096-00	1.186-00	2.526-00	2.006-09	0.006-00	2.336-01	4.086-05	3.056-03	2.876-02	0.006-00	1.246-01	1.826-08	7.386-08	2.296-01	3.886-00	6.846-06	0.006-00	1.426-01	1.256-00	2.146-01	0.006-00	2.186-07	1.026-07	6.826-02	4.126-05	1.606-00	0.006-00	2.146-01	1.416-08	2.146-01	1.876-01	1.606-00	0.006-00	0.006-00	0.006-00	5.926-02
UT54S	1.146-02	2.876-00	1.226-00	3.006-00	2.006-09	0.006-00	2.686-01	4.246-05	3.406-03	2.876-02	0.006-00	1.236-01	1.966-08	7.686-08	2.366-01	3.886-00	6.836-06	0.006-00	1.486-01	1.256-00	2.326-01	0.006-00	2.256-07	1.046-07	7.186-02	4.126-05	1.706-00	0.006-00	2.326-01	2.146-01	2.326-01	1.986-01	1.706-00	0.006-00	0.006-00	0.006-00	5.906-02
UT72S	1.056-02	2.056-00	1.106-00	2.526-00	2.006-09	0.006-00	2.336-01	4.086-05	3.056-03	2.876-02	0.006-00	1.246-01	1.916-08	7.386-08	2.286-01	3.886-00	6.846-06	0.006-00	1.426-01	1.256-00	2.146-01	0.006-00	2.186-07	1.026-07	6.826-02	4.126-05	1.606-00	0.006-00	2.146-01	1.416-08	2.146-01	1.876-01	1.606-00	0.006-00	0.006-00		

FL101A	-2.2452	-6.5862	5.0462	-8.8382	0.0002	0.0002	4.1382	-1.0582	8.4382	-8.4182	0.0002	0.0002	-2.7582	-3.4782	-3.2382	-1.2482	0.0002	0.0002	-4.3882	0.0002	6.4882	0.0002	-1.3782	-1.8382	-1.1882	0.0002	-3.9182	0.0002	-6.4082	-8.8682	-6.4082	-8.8182	-3.9182	0.0002	0.0002	0.0002	-1.9182
FL101AC	-4.3882	-6.4882	4.8882	-6.7082	0.0002	0.0002	5.9082	-1.2082	8.2782	-7.9782	0.0002	0.0002	-3.1782	-2.4982	-1.7282	-1.1482	0.0002	0.0002	-4.3382	0.0002	-6.4882	0.0002	-1.7982	-2.1382	-1.2382	0.0002	-4.1482	0.0002	-6.4982	-7.4682	-6.4882	-6.7082	-4.1482	0.0002	0.0002	0.0002	-1.8982
FL102A	-4.5882	-2.7282	5.0382	-7.9782	0.0002	0.0002	6.7682	-1.0482	8.1782	-8.0682	0.0002	0.0002	-2.5282	-2.8982	1.9082	-1.3682	0.0002	0.0002	-4.8882	0.0002	-7.7482	0.0002	-2.5282	-1.3382	-0.7682	0.0002	-2.7982	0.0002	-7.7482	-8.8182	-7.7482	-8.4282	-2.7982	0.0002	0.0002	0.0002	-2.9682
FL102AC	-4.3382	-7.8382	9.2182	-3.7682	0.0002	0.0002	9.8982	-1.2182	8.9982	-7.0982	0.0002	0.0002	-2.9382	-2.7582	2.9982	-1.1982	0.0002	0.0002	-4.9382	0.0002	-7.7482	0.0002	-2.5382	-1.8082	-1.1182	0.0002	-3.1082	0.0002	-7.7482	-8.7482	-7.7482	-8.3882	-3.1082	0.0002	0.0002	0.0002	-2.0982
FL103A	-1.5282	1.9882	2.2082	1.3782	0.0002	0.0002	5.5582	-1.7182	8.0282	-8.4282	0.0002	0.0002	1.1982	-1.1582	8.0782	-6.8282	0.0002	0.0002	2.5382	0.0002	4.3082	0.0002	1.2182	2.3782	9.7182	0.0002	6.1282	0.0002	4.3082	1.3782	4.3082	4.8882	6.1282	0.0002	0.0002	0.0002	6.9182
FL103AC	-1.7682	1.1982	2.0582	2.8082	0.0002	0.0002	5.8482	-1.7682	8.4182	-8.5182	0.0002	0.0002	3.0682	-1.3782	2.2182	-0.9182	0.0002	0.0002	2.1682	0.0002	3.8682	0.0002	1.9182	1.9082	8.2982	0.0002	6.2682	0.0002	4.3082	1.3782	3.8682	4.3382	6.2682	0.0002	0.0002	0.0002	6.1282
FL103AM	-1.8882	1.3482	1.9782	8.1682	0.0002	0.0002	3.5982	-1.7882	7.3782	-1.3082	0.0002	0.0002	1.1982	-1.2182	2.1582	-6.5782	0.0002	0.0002	2.3682	0.0002	3.8282	0.0002	2.3082	2.3782	9.7182	0.0002	5.8882	0.0002	3.8282	1.3482	3.8282	4.4882	5.8882	0.0002	0.0002	0.0002	8.0182
FL104A	-6.1482	-1.8482	1.0482	-1.0382	0.0002	0.0002	3.0582	-0.8182	8.1782	-1.1082	0.0002	0.0002	-0.2682	-0.8282	-1.3382	-2.0882	0.0002	0.0002	-4.3682	0.0002	-1.0182	0.0002	-4.3682	4.5282	-5.1182	0.0002	-7.6982	0.0002	-1.0182	-2.0482	-1.0182	-1.0382	-7.6982	0.0002	0.0002	0.0002	-2.8882
FL104AC	-4.5882	-7.8982	4.8882	-7.7882	0.0002	0.0002	1.0782	-1.2382	8.9482	-7.1082	0.0002	0.0002	-2.9682	-2.7382	3.7882	-1.2282	0.0002	0.0002	-4.8382	0.0002	-7.7782	0.0002	-2.5282	-1.8082	-1.1182	0.0002	-2.9982	0.0002	-7.7782	-8.7882	-7.7782	-8.3882	-2.9982	0.0002	0.0002	0.0002	-2.0982
FL105A	-4.5282	-7.7982	2.8582	-7.8282	0.0002	0.0002	-2.0882	-1.0382	8.0382	-8.0282	0.0002	0.0002	-2.8182	-3.0382	1.7882	-1.2582	0.0002	0.0002	-4.9482	0.0002	-7.9582	0.0002	-2.5182	-1.5782	-1.1882	0.0002	-2.9482	0.0002	-7.9582	-8.9582	-7.9582	-8.5582	-2.9482	0.0002	0.0002	0.0002	-2.1682
FL105AC	-4.9182	-7.8382	2.8282	-7.7282	0.0002	0.0002	-2.0582	-1.2082	8.9482	-8.9882	0.0002	0.0002	-2.9882	-2.8582	1.9982	-1.1482	0.0002	0.0002	-4.8982	0.0002	-7.9882	0.0002	-2.7882	-2.0282	-1.2982	0.0002	-2.9982	0.0002	-7.9882	-8.9882	-7.9882	-8.4582	-2.9982	0.0002	0.0002	0.0002	-2.1582
FL108A	-1.4282	1.9882	2.1882	1.9882	0.0002	0.0002	5.7482	-1.7382	8.4682	-8.4982	0.0002	0.0002	1.1982	-1.1482	2.3782	4.2282	0.0002	0.0002	2.6482	0.0002	4.3682	0.0002	2.8782	2.3882	9.4982	0.0002	6.4982	0.0002	4.3682	1.3482	4.3682	4.8282	6.4982	0.0002	0.0002	0.0002	6.9282
FL106AC	-1.5682	2.0582	2.1382	1.8182	0.0002	0.0002	5.8482	-0.9682	8.4582	-7.7782	0.0002	0.0002	3.0682	-1.2782	2.5882	-0.5982	0.0002	0.0002	2.6882	0.0002	4.2382	0.0002	2.4682	1.9082	8.0782	0.0002	5.8682	0.0002	4.2382	-1.5582	4.2382	4.8682	5.8682	0.0002	0.0002	0.0002	7.1982
FL106AM	-6.5282	-6.4282	-6.6982	-6.1182	0.0002	0.0002	-2.0282	-1.7682	-7.6382	-1.2682	0.0002	0.0002	1.3282	-3.8882	3.2682	-5.9682	0.0002	0.0002	-4.0782	0.0002	-6.5782	0.0002	-4.8382	3.8482	1.8182	0.0002	3.4382	0.0002	4.7782	1.7182	4.6782	-7.8182	3.4382	0.0002	0.0002	0.0002	-1.9182
FL107A	-5.4682	1.2182	2.3682	8.8182	0.0002	0.0002	-5.8782	-1.7482	8.0182	-1.3182	0.0002	0.0002	1.1682	-3.2182	2.5482	-6.0582	0.0002	0.0002	-2.9682	0.0002	3.8482	0.0002	3.9282	2.3482	9.4482	0.0002	6.3682	0.0002	3.8482	1.3782	3.8482	4.8782	6.3682	0.0002	0.0002	0.0002	6.1382
FL107AC	-5.5482	1.3182	1.9782	3.8182	0.0002	0.0002	-2.0082	-0.9482	-7.7682	-1.2882	0.0002	0.0002	3.1782	-3.3882	2.5582	-5.2682	0.0002	0.0002	-2.0882	0.0002	3.1582	0.0002	-3.1682	1.8782	8.0482	0.0002	2.8982	0.0002	3.1582	-1.5582	3.1582	3.9782	2.8982	0.0002	0.0002	0.0002	4.5982
FL107AM	-6.9282	-6.1782	-1.3582	-6.9882	0.0002	0.0002	-2.6682	-1.7382	8.1682	-0.3182	0.0002	0.0002	1.3782	-3.0382	9.7782	-4.5182	0.0002	0.0002	-4.8182	0.0002	-7.8882	0.0002	-3.9682	8.6882	3.1782	0.0002	4.9382	0.0002	-7.8882	2.0482	-7.8882	-8.7482	4.9382	0.0002	0.0002	0.0002	-2.1682
FL108A	-1.9582	1.7982	2.1482	1.1382	0.0002	0.0002	5.6582	-0.9182	8.6382	-0.8782	0.0002	0.0002	1.2382	-1.0682	2.6582	-6.2782	0.0002	0.0002	2.7682	0.0002	4.1482	0.0002	2.4482	2.4382	9.9382	0.0002	6.4882	0.0002	4.1482	1.3482	4.1482	4.8882	6.4882	0.0002	0.0002	0.0002	6.7682
FL108AC	-1.8582	1.9382	2.1282	1.3582	0.0002	0.0002	5.5582	-0.9182	7.8282	-1.2682	0.0002	0.0002	3.4582	-1.1682	2.6382	-6.4882	0.0002	0.0002	2.7782	0.0002	4.0182	0.0002	2.2382	1.9282	8.4682	0.0002	5.9382	0.0002	4.0182	-1.5582	4.0182	4.7982	5.9382	0.0002	0.0002	0.0002	7.1682
FL109A	-2.0582	1.1982	2.2282	0.9182	0.0002	0.0002	4.7182	-1.4282	8.4882	-0.7382	0.0002	0.0002	1.0682	-0.8482	2.8882	-1.5782	0.0002	0.0002	2.9182	0.0002	3.8682	0.0002	3.9382	2.3782	9.2982	0.0002	6.8282	0.0002	3.8682	1.3782	3.8682	4.8182	6.8282	0.0002	0.0002	0.0002	6.0682
FL109AC	-1.1682	2.2782	2.2082	1.8382	0.0002	0.0002	5.8782	-0.4182	8.5382	-6.0882	0.0002	0.0002	2.8582	-0.4782	2.8882	-5.2782	0.0002	0.0002	2.9682	0.0002	4.3982	0.0002	3.9882	8.0982	4.0782	0.0002	6.8982	0.0002	4.3982	-1.5582	4.3982	5.2282	6.8982	0.0002	0.0002	0.0002	8.2682
FL110A	2.5682	6.8282	3.4482	6.4782	0.0002	0.0002	1.0082	-0.6082	8.7382	8.2382	0.0002	0.0002	8.5682	1.3782	5.4382	1.2482	0.0002	0.0002	6.7682	0.0002	1.1182	0.0002	8.2682	3.4782	1.7982	0.0002	1.0882	0.0002	1.1182	3.3182	1.1182	1.2282	1.0882	0.0002	0.0002	0.0002	2.3682
FL110AC	-1.2382	2.2382	2.3482	2.1182	0.0002	0.0002	6.1782	-0.8782	8.5482	-6.2782	0.0002	0.0002	3.4982	-1.0782	2.9382	-5.1082	0.0002	0.0002	3.2482	0.0002	4.7382	0.0002	2.8482	1.9382	8.4982	0.0002	7.0482	0.0002	4.7382	-1.5582	4.7382	5.5182	7.0482	0.0002	0.0002	0.0002	9.1182
FL111A	-6.8282	-6.2382	9.2582	-6.2282	0.0002	0.0002	-1.2382	-0.6182	-7.7782	-4.7782	0.0002	0.0002	1.4582	-3.7782	2.9782	-4.5782	0.0002	0.0002	-4.7682	0.0002	-6.8082	0.0002	-4.8282	5.7882	2.8382	0.0002	6.9382	0.0002	-6.8082	-8.0882	-6.8082	-8.0382	-6.9382	0.0002	0.0002	0.0002	-2.1782
FL111AC	-6.8282	-6.4882	-6.0182	-6.3182	0.0002	0.0002	-2.9682	-1.7782	7.8582	-1.2482	0.0002	0.0002	5.1782	-3.8182	6.3682	-4.5382	0.0002	0.0002	-4.4382	0.0002	-8.1782	0.0002	-4.7682	5.5582	2.7982	0.0002	3.9682	0.0002	-8.1782	-8.6882	-8.1782	-8.0382	3.9682	0.0002	0.0002	0.0002	-2.1682
FL112A	-6.9482	-1.8582	-1.1882	-1.8382	0.0002	0.0002	-5.6282	-0.8582	-1.5482	-1.8582	0.0002	0.0002	-1.8182	-0.8682	-2.5382	-3.3282	0.0002	0.0002	-1.1482	0.0002	-1.8382	0.0002	-4.9582	-1.4982	-6.8782	0.0002	-1.5382	0.0002	-1.8382	-3.1482	-1.8382	-1.9782	-1.5382	0.0002	0.0002	0.0002	-4.7482
FL112AC	-7.0582	-8.7482	-8.8782	-6.9282	0.0002	0.0002	-2.7982	-1.6582	7.8482	-1.2482	0.0002	0.0002	5.1782	-4.3582	2.4482	-5.6482	0.0002	0.0002	-5.2382	0.0002	-9.2282	0.0002	-5.2082	5.5582	2.7182	0.0002	2.8682	0.0002	-9.2282	-8.8882	-9.2282	-8.6382	2.8682	0.0002	0.0002	0.0002	-2.2282
FL113A	3.2182	-6.2182	2.6182	-6.0282	0.0002	0.0002	6.2482	-6.2782	1.0282	-2.3082	0.0002	0.0002	1.5482	-0.5982	3.7582	1.2682	0.0002	0.0002	-3.3682	0.0002	-4.0982	0.0002	1.2282	6.0182	3.9682	0.0002	1.7682	0.0002	-4.0982	2.5682	-4.0982	-3.7582	1.7682	0.0002	0.0002	0.0002	-1.4582
FL113AC	2.2582	-6.1182	2.6582	-7.3282	0.0002	0.0002	6.9482	-8.3682	4.0182	-2.2682	0.0002	0.0002	8.7382	-5.4482	6.0682	1.3482	0.0002	0.0002	-3.2282	0.0002	-4.0282	0.0002	1.2582	7.9482	3.9182	0.0002	1.7682	0.0002	-4.0282	2.2182	-4.0282	-3.7282	1.7682	0.0002	0.0002	0.0002	-1.3782
FL114A	-4.4282	-2.6382	5.2682	-3.4282	0.0002	0.0002	4.0082	-1.4282	8.1682	2.5482																											

FL173A	7.73E+02	1.88E+01	8.30E-01	1.57E+01	0.00E+00	0.00E+00	2.40E+02	-8.71E-04	1.41E+02	1.54E-01	0.00E+00	0.00E+00	2.49E-08	4.03E-07	1.30E+00	3.53E-01	0.00E+00	0.00E+00	1.70E+02	0.00E+00	2.87E+02	0.00E+00	1.97E-08	8.58E-07	4.31E+02	0.00E+00	2.73E+01	0.00E+00	2.67E+02	2.80E-05	2.87E+02	2.94E+02	2.73E+01	0.00E+00	0.00E+00	0.00E+00	6.05E-03	
FL174A	7.37E+02	1.74E+01	8.73E-01	1.58E+01	0.00E+00	0.00E+00	2.65E+02	-4.23E-04	1.73E+02	1.83E-01	0.00E+00	0.00E+00	2.19E-08	5.31E-07	1.37E+00	4.07E-01	0.00E+00	0.00E+00	1.73E+02	0.00E+00	2.70E+02	0.00E+00	2.15E-08	9.15E-07	4.73E+02	0.00E+00	2.91E+01	0.00E+00	2.70E+02	4.18E-05	2.73E+02	3.02E+02	2.91E+01	0.00E+00	0.00E+00	0.00E+00	6.11E+03	
FL175A	7.06E+02	1.79E+01	8.61E-01	1.60E+01	0.00E+00	0.00E+00	2.61E+02	-4.27E-04	1.61E+02	1.84E-01	0.00E+00	0.00E+00	2.16E-08	4.69E-07	1.36E+00	4.07E-01	0.00E+00	0.00E+00	1.67E+02	0.00E+00	2.70E+02	0.00E+00	2.10E-08	9.15E-07	4.73E+02	0.00E+00	2.94E+01	0.00E+00	2.70E+02	4.18E-05	2.73E+02	3.02E+02	2.94E+01	0.00E+00	0.00E+00	0.00E+00	6.11E+03	
FL176A	6.90E+02	1.18E+01	7.07E-01	1.11E+01	0.00E+00	0.00E+00	2.19E+02	-4.28E-04	1.60E+02	1.93E-01	0.00E+00	0.00E+00	1.93E-08	4.88E-07	1.19E+00	3.08E+01	0.00E+00	0.00E+00	1.23E+02	0.00E+00	2.05E+02	0.00E+00	2.10E-08	8.71E-07	4.49E+02	0.00E+00	2.91E+01	0.00E+00	2.05E+02	3.82E-05	2.05E+02	2.18E+02	2.91E+01	0.00E+00	0.00E+00	0.00E+00	4.31E+03	
FL179A	7.73E+02	1.87E+01	8.22E-01	1.48E+01	0.00E+00	0.00E+00	2.80E+02	-8.87E-04	1.73E+02	1.77E-01	0.00E+00	0.00E+00	2.02E-08	5.33E-07	1.30E+00	4.07E-01	0.00E+00	0.00E+00	1.63E+02	0.00E+00	2.70E+02	0.00E+00	2.15E-08	9.15E-07	4.71E+02	0.00E+00	2.90E+01	0.00E+00	2.70E+02	3.97E-05	2.73E+02	2.98E+02	2.90E+01	0.00E+00	0.00E+00	0.00E+00	6.02E+03	
FL180A	1.37E+01	3.18E+01	1.88E+00	3.00E+01	0.00E+00	0.00E+00	6.61E+02	-2.07E-04	6.20E+02	2.97E-01	0.00E+00	0.00E+00	4.23E-08	8.74E-07	2.49E+00	3.86E+01	0.00E+00	0.00E+00	3.18E+02	0.00E+00	5.00E+00	0.00E+00	3.17E-08	1.64E-06	8.28E+02	0.00E+00	3.50E+01	0.00E+00	5.00E+00	5.08E+02	7.73E+02	5.62E+02	3.50E+01	0.00E+00	0.00E+00	0.00E+00	1.13E+04	
FL204B	-1.90E+03	-3.98E+01	1.77E+03	-3.98E+01	0.00E+00	0.00E+00	2.11E+01	-1.18E-04	1.38E+04	-2.91E+03	0.00E+00	0.00E+00	-2.87E-08	-4.98E-09	1.71E+03	-2.98E+03	0.00E+00	0.00E+00	-8.75E+01	0.00E+00	-2.18E+03	0.00E+00	-4.14E-09	-2.53E-08	-1.53E+03	0.00E+00	-4.42E+01	0.00E+00	-2.18E+03	-5.91E-08	-2.18E+03	-2.83E+03	-4.42E+01	0.00E+00	0.00E+00	0.00E+00	-4.08E+03	
FL209B	2.06E+03	3.38E+01	1.64E+02	3.12E+01	0.00E+00	0.00E+00	4.87E+00	9.19E-09	6.65E+04	3.30E+03	0.00E+00	0.00E+00	7.15E+01	1.40E-08	2.50E+02	4.32E+01	0.00E+00	0.00E+00	3.19E+00	0.00E+00	5.18E+00	0.00E+00	3.90E-08	1.07E-08	9.38E+04	0.00E+00	2.98E+01	0.00E+00	5.18E+00	1.14E-08	5.18E+00	5.45E+00	2.98E+01	0.00E+00	0.00E+00	0.00E+00	1.13E+03	
FL213B	-8.38E+03	-4.53E+01	-8.94E+03	-5.36E+01	0.00E+00	0.00E+00	-2.31E+00	-7.91E-04	-6.79E+04	-8.32E+03	0.00E+00	0.00E+00	-6.83E+03	-9.94E-08	-4.49E+03	-1.27E+03	0.00E+00	0.00E+00	-6.21E+00	0.00E+00	-5.93E+00	0.00E+00	-1.73E-08	-5.34E-08	-3.34E+03	0.00E+00	-6.15E+01	0.00E+00	-5.93E+00	-3.11E-05	-5.93E+00	-6.96E+00	-6.15E+01	0.00E+00	0.00E+00	0.00E+00	2.88E+02	
FL216B	-3.95E+03	2.47E+01	1.57E+02	2.30E+01	0.00E+00	0.00E+00	3.98E+00	-5.33E-04	3.98E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E+00	0.00E+00	4.74E+00	0.00E+00	4.74E+00	6.58E-09	-2.35E+03	0.00E+00	-1.18E+03	0.00E+00	4.74E+00	4.74E+00	4.74E+00	-6.15E+01	0.00E+00	0.00E+00	0.00E+00	1.98E+02		
FL221B	-1.02E+02	-9.28E+01	-1.43E+02	-6.14E-01	0.00E+00	0.00E+00	-4.04E+00	-7.90E-04	9.95E+04	-1.20E+02	0.00E+00	0.00E+00	-6.13E-08	-9.05E-08	-1.39E+02	-3.90E+02	0.00E+00	0.00E+00	-8.96E+00	0.00E+00	-9.94E+00	0.00E+00	-2.86E-08	-8.08E-08	-4.91E+03	0.00E+00	-1.18E+03	0.00E+00	-9.94E+00	-3.82E-05	-9.94E+00	-1.02E+01	-1.18E+03	0.00E+00	0.00E+00	0.00E+00	-3.62E+02	
FL229B	8.69E+03	6.30E-01	2.42E+03	4.27E-01	0.00E+00	0.00E+00	-2.08E+00	7.83E-04	7.88E+04	9.34E-03	0.00E+00	0.00E+00	6.62E-08	8.44E-09	-2.33E+03	-1.23E+03	0.00E+00	0.00E+00	3.61E+00	0.00E+00	6.62E+00	0.00E+00	-1.86E-08	4.22E-08	-4.09E+03	0.00E+00	-3.33E+01	0.00E+00	6.62E+00	-3.17E-05	6.62E+00	-6.95E+00	-3.33E+01	0.00E+00	0.00E+00	0.00E+00	1.98E+03	
FL254B	-1.29E+02	-6.19E+02	4.96E+03	-4.78E-01	0.00E+00	0.00E+00	6.74E-01	-3.57E-04	1.22E+04	-1.73E+03	0.00E+00	0.00E+00	-3.13E-08	-9.75E-09	6.18E+03	-1.02E+00	0.00E+00	0.00E+00	-7.30E+01	0.00E+00	4.50E-01	0.00E+00	6.27E+00	-1.34E-08	-1.29E+02	0.00E+00	-3.02E+02	0.00E+00	-4.50E-01	8.65E-08	-5.90E+01	-1.24E+00	-3.02E+02	0.00E+00	0.00E+00	0.00E+00	-3.90E+01	
FL259B	-1.18E+03	-3.01E+02	1.07E+02	-4.75E+02	0.00E+00	0.00E+00	9.85E-01	-4.44E-04	2.85E+05	-6515E-04	0.00E+00	0.00E+00	-3.07E-08	-1.26E-08	1.99E+02	-1.85E+00	0.00E+00	0.00E+00	2.03E+01	0.00E+00	-6.44E+03	0.00E+00	1.98E-08	-2.05E-08	-1.55E+03	0.00E+00	-3.08E+02	0.00E+00	6.44E+03	-1.39E-05	-6.44E+03	1.84E+00	-3.08E+02	0.00E+00	0.00E+00	0.00E+00	-3.84E+01	
FL263B	4.86E+03	1.42E+01	1.36E+01	1.79E+01	0.00E+00	0.00E+00	1.96E+00	5.80E-04	1.96E+00	5.80E-04	0.00E+00	0.00E+00	5.80E-04	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E+01	0.00E+00	6.58E+00	0.00E+00	6.58E+00	4.80E-09	-4.86E+04	0.00E+00	2.98E+01	0.00E+00	6.58E+00	2.98E+01	6.58E+00	2.98E+01	6.58E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+01	
FL266B	-2.93E+03	-8.69E+01	-5.88E+03	-6.59E-01	0.00E+00	0.00E+00	-1.81E+00	-2.07E-04	-1.88E+04	-6.81E+03	0.00E+00	0.00E+00	-5.71E-08	-1.80E-08	-8.26E+03	-2.70E+03	0.00E+00	0.00E+00	-3.87E+00	0.00E+00	-6.37E+00	0.00E+00	-2.87E-08	-5.27E-08	-3.15E+03	0.00E+00	-8.77E+01	0.00E+00	-6.37E+00	-1.12E+05	-6.37E+00	-6.96E+00	-8.77E+01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02	
FL271B	-2.95E+03	-4.83E+01	-1.25E+03	-4.82E-01	0.00E+00	0.00E+00	-1.47E+01	-1.94E-04	-3.37E+05	-4.87E+03	0.00E+00	0.00E+00	-4.75E-08	-1.13E-08	9.78E+04	-2.31E+03	0.00E+00	0.00E+00	-1.82E+00	0.00E+00	-3.89E+00	0.00E+00	-1.97E-08	4.17E-08	-2.55E+03	0.00E+00	-3.78E+01	0.00E+00	-3.89E+00	9.77E-08	-3.89E+00	-4.27E+00	-3.78E+01	0.00E+00	0.00E+00	0.00E+00	-7.28E+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	0.00E+00	1.59E+00	1.91E-08	3.68E+02	-2.22E+03	0.00E+00	0.00E+00	5.82E+00	0.00E+00	7.81E+00	0.00E+00	5.55E-08	2.52E-08	1.33E+03	0.00E+00	3.67E+01	0.00E+00	7.81E+00	2.09E-08	7.81E+00	7.98E+00	3.67E+01	0.00E+00	0.00E+00	0.00E+00	2.08E+02	
FL300B	-1.30E+02	-1.77E+00	2.15E+02	-1.71E+00	0.00E+00	0.00E+00	1.08E+00	-1.22E-03	8.30E+04	7.85E-03	0.00E+00	0.00E+00	9.33E-09	-1.31E-07	-1.99E+01	-2.58E+01	0.00E+00	0.00E+00	-1.93E+01	0.00E+00	9.98E+00	0.00E+00	1.57E-08	-8.34E-08	-5.25E+03	0.00E+00	-9.95E+00	0.00E+00	-9.98E+00	-4.82E-05	-9.98E+00	-1.42E+01	-9.95E+00	0.00E+00	0.00E+00	0.00E+00	7.02E+02	
FL300BA	-3.86E+03	-2.97E+01	4.13E+03	-3.79E+01	0.00E+00	0.00E+00	5.76E-03	-3.33E-04	3.41E+04	-2.28E+03	0.00E+00	0.00E+00	-4.79E-08	-4.15E-08	4.39E+02	-4.27E+03	0.00E+00	0.00E+00	-1.79E+03	0.00E+00	4.50E+00	0.00E+00	-1.12E-08	3.90E-08	-1.79E+03	0.00E+00	-3.51E+01	0.00E+00	-1.79E+03	-5.08E+02	-1.79E+03	-2.14E+00	-3.51E+01	0.00E+00	0.00E+00	0.00E+00	-1.10E+03	
FL301B	-1.80E+02	-1.05E+01	4.38E+02	-1.48E-01	0.00E+00	0.00E+00	9.05E+00	-1.95E-03	-1.81E+04	-3.98E+03	0.00E+00	0.00E+00	-4.24E-08	-2.94E-07	1.10E+01	-6.72E+01	0.00E+00	0.00E+00	5.12E+00	0.00E+00	1.38E+01	0.00E+00	1.01E-07	-2.02E-08	-1.09E+03	0.00E+00	-8.80E+00	0.00E+00	1.38E+01	6.77E+00	1.38E+01	4.98E+00	-8.80E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+02	
FL301BA	-3.26E+03	-5.14E+01	4.58E+03	-4.58E-01	0.00E+00	0.00E+00	8.06E-01	-6.49E-04	3.88E+04	-2.28E+03	0.00E+00	0.00E+00	-4.61E-08	-3.31E-08	4.98E+02	-1.88E+03	0.00E+00	0.00E+00	-3.57E+00	0.00E+00	4.79E+00	0.00E+00	2.78E-08	3.08E-08	-1.63E+03	0.00E+00	-2.89E+01	0.00E+00	-4.79E+00	-1.08E+05	-4.79E+00	-4.07E+00	-2.89E+01	0.00E+00	0.00E+00	0.00E+00	-1.67E+02	
FL302B	-2.09E+02	1.28E+02	4.07E+02	-2.79E+02	0.00E+00	0.00E+00	1.19E+01	-1.94E-03	6.02E+04	-6.87E+03	0.00E+00	0.00E+00	-4.20E-08	-2.10E-07	9.95E+01	-1.98E+03	0.00E+00	0.00E+00	-1.03E+01	0.00E+00	7.43E+00	0.00E+00	1.71E-07	-4.22E-08	-1.81E+03	0.00E+00	-6.75E+00	0.00E+00	7.43E+00	-8.25E+05	7.43E+00	1.88E+00	-6.75E+00	0.00E+00	0.00E+00	0.00E+00	-3.89E+02	
FL302BA	4.28E+04	9.23E+02	4.28E+04	9.23E+02	0.00E+00	0.00E+00	8.86E+04	2.79E+00	8.86E+04	2.79E+00	0.00E+00	0.00E+00	1.75E+03	2.79E+00	7.28E+02	2.44E+01	0.00E+00	0.00E+00	9.17E+01	0.00E+00	1.43E+00	0.00E+00	1.43E+00	4.83E-09	2.44E+01	0.00E+00	1.56E+01	0.00E+00	1.43E+00	1.43E+00	2.44E+01	1.84E+00	1.43E+00	1.56E+01	0.00E+00	0.00E+00	0.00E+00	3.24E+01
FL305B	-1.16E+02	-4.31E+00	1.26E+02	-8.32E+00	0.00E+00	0.00E+00	-4.05E-01	-1.62E-03	-1.74E+03	-2.73E+02	0.00E+00	0.00E+00	-3.02E-08	-4.24E-07	-3.30E+01	-3.44E+01	0.00E+00	0.00E+00	-2.33E+01	0.00E+00	-2.78E+01	0.00E+00	1.66E-08	-1.67E-07	-1.11E+02	0.00E+00	-1.07E+01	0.00E+00	-2.78E+01	-9.88E-05	-2.78E+01	-3.50E+01	-1.07E+01	0.00E+00				

FL350B	-2.37E-02	-0.24E-00	2.02E-02	-8.99E-01	0.00E+00	0.00E+00	3.71E+01	-2.26E-03	-1.24E-03	-1.96E-02	0.00E+00	0.00E+00	-5.00E-08	-6.61E-07	-8.69E-01	-3.38E-01	0.00E+00	0.00E+00	-6.21E-01	0.00E+00	-7.79E-01	0.00E+00	-3.02E-07	-4.06E-07	-2.84E-02	0.00E+00	-1.16E-01	0.00E+00	-7.76E-01	-1.17E-04	-7.76E-01	-6.16E-01	-1.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E-03
FL350BA	-8.23E-03	-1.29E-00	8.71E-02	-5.50E-01	0.00E+00	0.00E+00	1.00E+01	-1.73E-03	-2.86E-03	-9.47E-03	0.00E+00	0.00E+00	-5.18E-08	-1.18E-07	-1.22E-01	-7.27E-01	0.00E+00	0.00E+00	5.54E-02	0.00E+00	-2.97E-00	0.00E+00	-1.28E-07	-4.29E-07	-2.69E-02	0.00E+00	2.29E-01	0.00E+00	-2.97E+00	-1.11E-04	-2.97E+00	2.29E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	2.42E-01
FL352B	-3.92E-02	-1.02E-01	4.40E-03	-6.28E-00	0.00E+00	0.00E+00	3.32E+01	-2.23E-03	-1.36E-03	-4.93E-02	0.00E+00	0.00E+00	-5.01E-08	-8.60E-07	-8.69E-01	-3.36E-01	0.00E+00	0.00E+00	-6.57E-01	0.00E+00	8.11E-01	0.00E+00	-2.57E-07	-4.06E-07	-2.84E-02	0.00E+00	1.19E-01	0.00E+00	-8.11E-01	-1.18E-04	-8.11E-01	-6.23E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.71E-03
FL352BA	-3.61E-03	-1.02E-00	7.83E-02	-1.17E-01	0.00E+00	0.00E+00	2.62E+01	-1.77E-03	-2.17E-03	-4.31E-04	0.00E+00	0.00E+00	-5.18E-08	-8.80E-08	-1.26E-01	-7.28E-01	0.00E+00	0.00E+00	5.49E-02	0.00E+00	7.52E-00	0.00E+00	-8.92E-08	-4.29E-07	-2.69E-02	0.00E+00	1.79E-00	0.00E+00	7.52E+00	-1.11E-04	7.52E+00	-1.02E-01	1.79E-00	0.00E+00	0.00E+00	0.00E+00	5.54E-01
FL354B	-3.94E-02	-9.02E-01	1.13E-01	-8.90E-01	0.00E+00	0.00E+00	3.29E+01	-2.29E-03	-1.36E-03	-4.29E-02	0.00E+00	0.00E+00	-5.00E-08	-6.61E-07	-8.69E-01	-3.38E-01	0.00E+00	0.00E+00	-6.42E-01	0.00E+00	8.60E-01	0.00E+00	-2.57E-07	-4.06E-07	-2.84E-02	0.00E+00	1.21E-01	0.00E+00	-8.60E-01	-1.17E-04	-8.60E-01	-6.23E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	3.54E-03
FL354BA	-7.01E-02	-6.48E-00	1.08E-01	-6.30E-00	0.00E+00	0.00E+00	5.26E+01	-2.26E-03	-1.36E-03	-6.74E-02	0.00E+00	0.00E+00	-5.00E-08	-6.61E-07	-8.69E-01	-3.38E-01	0.00E+00	0.00E+00	-6.58E-01	0.00E+00	8.40E-01	0.00E+00	-2.56E-07	-7.88E-07	-5.07E-02	0.00E+00	8.50E-00	0.00E+00	-6.48E-01	-1.62E-04	-6.48E-01	-1.01E-02	8.50E-00	0.00E+00	0.00E+00	-2.46E-03	
FL356B	-4.40E-02	-8.22E-00	3.62E-03	-8.91E-00	0.00E+00	0.00E+00	3.17E+01	-2.33E-03	-8.53E-04	-4.70E-02	0.00E+00	0.00E+00	-6.98E-08	-8.63E-07	-8.69E-01	-3.33E-01	0.00E+00	0.00E+00	-6.23E-01	0.00E+00	-8.13E-01	0.00E+00	-2.46E-07	-4.17E-07	-2.67E-02	0.00E+00	-1.29E-01	0.00E+00	-8.13E-01	-1.18E-04	-8.13E-01	-4.79E-01	-1.29E-01	0.00E+00	0.00E+00	0.00E+00	-2.76E-03
FL356BA	2.01E-02	4.33E-00	2.10E-01	4.11E-01	0.00E+00	0.00E+00	6.43E+01	1.29E-04	3.78E-03	4.15E-02	0.00E+00	0.00E+00	1.06E-08	1.38E-07	3.41E-01	1.07E-01	0.00E+00	0.00E+00	4.30E-01	0.00E+00	8.67E-01	0.00E+00	5.16E-07	2.26E-07	1.19E-02	0.00E+00	7.21E-00	0.00E+00	8.67E-01	1.01E-05	8.67E-01	7.69E-01	7.21E-00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
FL358B	-3.89E-02	-1.04E-01	1.91E-03	-6.00E-00	0.00E+00	0.00E+00	2.84E+01	-2.28E-03	-1.36E-03	-5.23E-02	0.00E+00	0.00E+00	-5.03E-08	-8.58E-07	-8.63E-01	-3.37E-01	0.00E+00	0.00E+00	-6.83E-01	0.00E+00	-8.30E-01	0.00E+00	-2.91E-07	-4.07E-07	-2.69E-02	0.00E+00	-1.14E-01	0.00E+00	-8.30E-01	-1.18E-04	-8.30E-01	-6.93E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.80E-03
FL358BA	-4.85E-02	-6.19E-00	1.68E-01	-6.00E-00	0.00E+00	0.00E+00	2.74E+01	-2.02E-03	-1.35E-03	-6.44E-02	0.00E+00	0.00E+00	-8.11E-08	-8.25E-07	-1.22E-01	-7.42E-01	0.00E+00	0.00E+00	-6.80E-01	0.00E+00	-8.10E-01	0.00E+00	-2.96E-07	-7.47E-07	-4.65E-02	0.00E+00	2.69E-00	0.00E+00	-8.10E-01	-1.18E-04	-8.10E-01	-6.73E-01	-2.69E-00	0.00E+00	0.00E+00	0.00E+00	-2.36E-03
FL360B	-4.36E-02	-9.17E-00	4.69E-03	-8.90E-00	0.00E+00	0.00E+00	3.48E+01	-2.33E-03	-8.15E-04	-4.71E-02	0.00E+00	0.00E+00	-5.06E-08	-8.58E-07	-8.69E-01	-3.28E-01	0.00E+00	0.00E+00	-6.23E-01	0.00E+00	-7.94E-01	0.00E+00	-1.71E-07	-4.13E-07	-2.84E-02	0.00E+00	-1.39E-01	0.00E+00	-7.94E-01	-1.17E-04	-7.94E-01	-8.60E-01	-1.39E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E-03
FL360BA	-8.78E-03	4.23E-00	2.44E-02	-3.04E-01	0.00E+00	0.00E+00	2.38E+01	-1.82E-03	-1.98E-03	1.81E-03	0.00E+00	0.00E+00	-5.19E-08	-1.08E-07	-1.38E-01	-7.28E-01	0.00E+00	0.00E+00	-1.61E-01	0.00E+00	3.18E-01	0.00E+00	-1.27E-07	-4.31E-07	-2.75E-02	0.00E+00	7.73E-01	0.00E+00	3.18E-01	-1.12E-04	3.18E-01	-3.08E-01	7.73E-01	0.00E+00	0.00E+00	0.00E+00	6.21E-03
FL362B	-3.75E-02	-1.01E-01	8.40E-03	-6.21E-00	0.00E+00	0.00E+00	3.53E+01	-2.26E-03	-1.36E-03	-4.79E-02	0.00E+00	0.00E+00	-4.98E-08	-8.53E-07	-8.69E-01	-3.37E-01	0.00E+00	0.00E+00	-6.54E-01	0.00E+00	7.95E-01	0.00E+00	-1.77E-07	-4.01E-07	-2.69E-02	0.00E+00	1.33E-01	0.00E+00	-7.95E-01	-1.18E-04	-7.95E-01	-6.10E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E-03
FL362BA	-4.36E-02	-6.74E-00	-6.17E-02	-8.21E-00	0.00E+00	0.00E+00	3.76E+00	-1.62E-03	-2.18E-03	-1.13E-02	0.00E+00	0.00E+00	-6.19E-08	-2.98E-07	-1.37E-01	-7.26E-01	0.00E+00	0.00E+00	5.32E-01	0.00E+00	-8.35E-01	0.00E+00	-3.23E-07	-4.31E-07	-2.75E-02	0.00E+00	-3.84E-00	0.00E+00	-8.35E-01	-1.12E-04	-8.35E-01	-6.93E-01	-3.84E-00	0.00E+00	0.00E+00	0.00E+00	-2.01E-03
FL364B	-2.65E-02	-5.19E-00	1.68E-01	-4.01E-00	0.00E+00	0.00E+00	4.44E-01	-2.21E-03	-1.35E-03	-4.44E-02	0.00E+00	0.00E+00	-2.56E-08	-5.05E-07	-1.35E-01	-7.20E-01	0.00E+00	0.00E+00	3.15E-01	0.00E+00	2.34E-01	0.00E+00	-7.57E-07	-1.19E-07	-7.96E-02	0.00E+00	4.81E-01	0.00E+00	2.34E-01	-2.57E-05	2.34E-01	2.44E-01	4.81E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E-03
FL364BA	-3.96E-02	-6.73E-00	-2.91E-02	-7.98E-01	0.00E+00	0.00E+00	-3.76E-01	-1.82E-03	-2.78E-03	-4.84E-02	0.00E+00	0.00E+00	-5.19E-08	-2.45E-07	-1.36E-01	-7.28E-01	0.00E+00	0.00E+00	-4.89E-01	0.00E+00	-7.03E-01	0.00E+00	-2.96E-07	-4.31E-07	-2.75E-02	0.00E+00	-3.83E-00	0.00E+00	-7.03E-01	-1.12E-04	-7.03E-01	-7.48E-01	-3.83E-00	0.00E+00	0.00E+00	0.00E+00	-1.52E-03
FL366B	-3.75E-02	-6.91E-00	5.06E-02	-6.20E-00	0.00E+00	0.00E+00	3.53E+01	-2.23E-03	-1.35E-03	-4.79E-02	0.00E+00	0.00E+00	-4.98E-08	-8.53E-07	-8.69E-01	-3.36E-01	0.00E+00	0.00E+00	-6.45E-01	0.00E+00	7.75E-01	0.00E+00	-1.56E-07	-3.89E-07	-2.64E-02	0.00E+00	-1.31E-01	0.00E+00	-7.75E-01	-1.14E-04	-7.75E-01	-6.87E-01	-1.31E-01	0.00E+00	0.00E+00	0.00E+00	-2.63E-03
FL366BA	-3.96E-02	-6.73E-00	-2.91E-02	-7.98E-01	0.00E+00	0.00E+00	-3.76E-01	-1.82E-03	-2.78E-03	-4.84E-02	0.00E+00	0.00E+00	-5.19E-08	-2.45E-07	-1.36E-01	-7.28E-01	0.00E+00	0.00E+00	-4.89E-01	0.00E+00	-7.43E-01	0.00E+00	-2.96E-07	-4.31E-07	-2.75E-02	0.00E+00	-3.83E-00	0.00E+00	-7.43E-01	-1.12E-04	-7.43E-01	-7.82E-01	-3.83E-00	0.00E+00	0.00E+00	0.00E+00	-1.97E-03
FL368B	2.88E-02	-3.52E-00	1.86E-01	-2.81E-00	0.00E+00	0.00E+00	5.23E+01	-2.28E-03	-1.41E-03	-4.45E-02	0.00E+00	0.00E+00	-2.34E-08	-5.05E-07	-4.29E-01	-7.28E-01	0.00E+00	0.00E+00	-6.89E-01	0.00E+00	3.14E-01	0.00E+00	1.86E-07	-8.21E-08	-6.85E-02	0.00E+00	8.19E-00	0.00E+00	3.14E-01	-7.59E-05	3.14E-01	3.46E-01	8.19E-00	0.00E+00	0.00E+00	0.00E+00	8.20E-03
FL368BA	-3.84E-02	-6.94E-00	1.86E-01	-2.46E-01	0.00E+00	0.00E+00	4.80E+00	-1.82E-03	-3.32E-03	-5.30E-02	0.00E+00	0.00E+00	-5.19E-08	-2.56E-07	-1.36E-01	-7.20E-01	0.00E+00	0.00E+00	-4.80E-01	0.00E+00	3.58E-01	0.00E+00	-3.38E-07	-4.31E-07	-2.75E-02	0.00E+00	5.22E-00	0.00E+00	-4.80E-01	-1.12E-04	-4.80E-01	-7.78E-01	-5.22E-00	0.00E+00	0.00E+00	0.00E+00	-2.07E-03
FL371A	-8.23E-03	2.89E-00	6.42E-02	1.51E-00	0.00E+00	0.00E+00	4.04E+01	-7.46E-04	3.97E-03	2.81E-02	0.00E+00	0.00E+00	-7.90E-08	8.91E-08	-1.15E-01	-1.33E-01	0.00E+00	0.00E+00	8.63E-00	0.00E+00	2.14E-01	0.00E+00	1.46E-07	-8.88E-08	-1.91E-02	0.00E+00	-1.82E-01	0.00E+00	2.14E-01	-2.48E-05	2.14E-01	2.39E-01	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-02
FL372A	-8.76E-03	2.84E-00	7.48E-02	1.27E-00	0.00E+00	0.00E+00	4.13E+01	-8.88E-04	3.59E-03	2.81E-02	0.00E+00	0.00E+00	-8.73E-08	1.86E-08	-1.15E-01	-1.32E-01	0.00E+00	0.00E+00	8.69E-00	0.00E+00	2.48E-01	0.00E+00	1.46E-07	-8.48E-08	-1.89E-02	0.00E+00	-2.88E-01	0.00E+00	2.48E-01	-3.87E-05	2.48E-01	2.39E-01	-2.88E-01	0.00E+00	0.00E+00	0.00E+00	1.34E-02
FL373A	-7.18E-03	2.99E+00	1.08E-01	9.13E-01	0.00E+00	0.00E+00	6.18E+01	-8.35E-04	3.52E-03	2.54E-02	0.00E+00	0.00E+00	-8.53E-08	3.97E-08	-1.72E-01	-1.32E-01	0.00E+00	0.00E+00	5.98E+00	0.00E+00	2.11E-01	0.00E+00	1.76E-07	-8.68E-08	-1.90E-02	0.00E+00	-3.23E-01	0.00E+00	2.11E-01	-3.15E-05	2.11E-01	2.28E-01	-3.23E-01	0.00E+00	0.00E+00	0.00E+00	8.41E-01
FL374A	-4.95E-03	1.68E+00	1.86E-01	2.44E-01	0.00E+00	0.00E+00	6.91E+01	-8.19E-04	3.98E-03	1.98E-02	0.00E+00	0.00E+00	-1.46E-08	8.92E-08	-1.55E-01	-1.36E-01	0.00E+00	0.00E+00	3.45E+00	0.00E+00	1.15E-01	0.00E+00	1.56E-07	-8.25E-08	-4.11E-02	0.00E+00	-4.29E-01	0.00E+00	1.15E-01	-1.44E-05	1.15E-01	1.34E-01	-4.29E-01	0.00E+00	0.00E+00	0.00E+00	3.62E-01
FL380AH	-1.94E-02	-1.18E-00	2.34E-02	-1.04E-00	0.00E+00	0.00E+00	-4.34E-01	-6.35E-04	-1.26E-03	-1.35E-02	0.00E+00	0.00E+00	-2.56E-08	-6.47E-08	-1.20E-01	-1.53E-01	0.00E+00	0.00E+00	-1.28E-01	0.00E+00	-1.56E-01	0.00E+00	-9.66E-08	-1.36E-07	-6.97E-03	0.00E+00	-3.56E-00	0.00E+00	-1.56E-01	-1.24E-05	-1.56E-01	-1.93E-01	-3.56E-00	0.00E+00	0.00E+00		

FL472A	2.75E+01	-0.32E+01	1.77E+02	-8.87E-01	0.00E+00	0.00E+00	1.06E+01	-6.05E-04	-1.72E-04	-1.29E-02	0.00E+00	0.00E+00	-1.52E-08	-4.13E-08	2.40E+02	-4.07E+00	0.00E+00	0.00E+00	9.83E-01	0.00E+00	2.09E+00	0.00E+00	4.72E-08	-2.88E-09	-3.22E-02	0.00E+00	3.08E-01	0.00E+00	-2.09E+00	-3.88E-05	-2.09E+00	-1.50E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
FL473A	8.80E+02	-2.78E+01	5.24E+02	-4.80E-01	0.00E+00	0.00E+00	1.75E+01	-6.37E-04	-3.28E-04	-4.28E-03	0.00E+00	0.00E+00	-2.04E-08	-3.12E-08	2.77E+02	-4.15E+00	0.00E+00	0.00E+00	1.52E+00	0.00E+00	7.08E+00	0.00E+00	1.93E-07	-4.42E-08	-5.16E-02	0.00E+00	6.79E+02	0.00E+00	7.08E+00	-4.03E-05	7.08E+00	2.91E+00	6.79E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E+01
FL474A	8.95E-04	-1.44E-01	2.71E+02	-8.39E-01	0.00E+00	0.00E+00	6.30E+00	-5.28E-04	-2.85E-04	2.81E-04	0.00E+00	0.00E+00	-2.91E-08	-4.72E-08	2.47E+02	-3.92E+00	0.00E+00	0.00E+00	-2.19E+00	0.00E+00	-5.84E+00	0.00E+00	5.76E-08	-3.24E-08	-7.83E-02	0.00E+00	3.34E-03	0.00E+00	-5.84E+00	4.70E-05	-5.84E+00	-8.81E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.49E+02
FL475A	3.29E+03	-1.44E+01	2.99E+02	-8.48E-01	0.00E+00	0.00E+00	6.18E+00	-5.28E-04	-3.85E-04	-5.18E-04	0.00E+00	0.00E+00	-2.91E-08	-4.43E-08	2.03E+02	-4.02E+00	0.00E+00	0.00E+00	-2.27E+00	0.00E+00	-5.98E+00	0.00E+00	7.02E-08	-8.23E-08	-7.83E-02	0.00E+00	1.42E+02	0.00E+00	-5.98E+00	-4.78E-05	-5.98E+00	-9.85E+00	1.42E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.60E+02
FL476A	1.37E+02	3.88E+00	1.54E+01	3.76E+00	0.00E+00	0.00E+00	4.87E+01	-3.84E-03	6.53E-04	2.73E+02	0.00E+00	0.00E+00	1.97E+08	6.12E-09	3.33E-01	9.27E-01	0.00E+00	0.00E+00	4.43E+01	0.00E+00	7.24E+01	0.00E+00	7.40E-07	2.41E-07	1.08E+02	0.00E+00	8.23E+00	0.00E+00	7.24E+01	1.02E+00	7.24E+01	7.24E+01	8.23E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+03
FL477A	1.48E+02	3.88E+00	1.54E+01	3.76E+00	0.00E+00	0.00E+00	4.87E+01	-3.84E-03	6.53E-04	2.73E+02	0.00E+00	0.00E+00	1.97E+08	6.12E-09	3.33E-01	9.27E-01	0.00E+00	0.00E+00	4.43E+01	0.00E+00	7.24E+01	0.00E+00	7.40E-07	2.41E-07	1.08E+02	0.00E+00	8.23E+00	0.00E+00	7.24E+01	1.02E+00	7.24E+01	7.24E+01	8.23E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+03
FL478A	-3.91E+02	-5.91E+00	-6.84E+02	-4.74E+00	0.00E+00	0.00E+00	-3.73E+01	-2.63E-04	3.12E-05	-8.43E-03	0.00E+00	0.00E+00	1.16E-08	-8.84E-08	1.48E+01	-2.27E+00	0.00E+00	0.00E+00	-1.64E+01	0.00E+00	-4.11E+01	0.00E+00	-1.86E-08	6.97E-07	2.99E+02	0.00E+00	5.44E+00	0.00E+00	4.11E+01	1.74E+05	-4.11E+01	-4.38E+01	5.44E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.27E+03
FL479A	1.68E+02	3.91E+00	1.68E+01	3.48E+00	0.00E+00	0.00E+00	4.23E+01	-3.47E-04	7.03E-04	2.65E+02	0.00E+00	0.00E+00	8.53E-08	6.80E-08	2.68E+01	1.27E+00	0.00E+00	0.00E+00	4.24E+01	0.00E+00	7.01E+01	0.00E+00	4.81E-07	1.49E-07	7.15E+02	0.00E+00	8.04E+00	0.00E+00	7.01E+01	9.95E-08	7.01E+01	7.88E+01	8.04E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+03
FL480A	-3.48E+02	-4.93E+00	-8.19E+02	-4.80E+00	0.00E+00	0.00E+00	-2.87E+01	-3.88E-04	-1.85E-03	-5.40E+02	0.00E+00	0.00E+00	1.15E+08	-1.37E-07	1.33E-01	-1.48E+01	0.00E+00	0.00E+00	-3.37E+01	0.00E+00	-1.91E+07	0.00E+00	5.93E-07	2.38E+02	0.00E+00	4.11E+00	0.00E+00	-3.37E+01	1.54E+05	-3.37E+01	-4.30E+01	4.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.05E+03	
FL481A	2.45E+02	-5.12E-01	3.48E+01	1.93E+01	0.00E+00	0.00E+00	5.74E+01	-2.46E-04	1.00E+00	2.83E+02	0.00E+00	0.00E+00	1.36E+08	1.30E-07	1.47E-01	2.88E+01	0.00E+00	0.00E+00	5.54E+01	0.00E+00	1.07E+02	0.00E+00	1.91E-07	7.17E+07	3.43E+02	0.00E+00	1.54E+01	0.00E+00	1.07E+02	1.02E+02	1.54E+01	1.06E+02	1.54E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+03
FL482A	2.91E+02	3.83E+01	3.82E+01	1.93E+01	0.00E+00	0.00E+00	8.20E+01	-2.74E-04	3.95E-03	2.99E+02	0.00E+00	0.00E+00	1.29E+08	1.15E-07	7.38E-01	2.70E+01	0.00E+00	0.00E+00	5.93E+01	0.00E+00	1.07E+02	0.00E+00	1.05E-08	7.17E+07	3.37E+02	0.00E+00	1.58E+01	0.00E+00	1.07E+02	2.98E+02	1.07E+02	1.22E+02	1.58E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+03
FL483A	3.98E+02	1.27E+00	5.12E-01	3.18E+00	0.00E+00	0.00E+00	1.03E+02	-3.72E-04	-4.27E-03	4.43E+02	0.00E+00	0.00E+00	1.37E+08	1.84E-07	1.15E+00	2.88E+01	0.00E+00	0.00E+00	7.13E+01	0.00E+00	1.88E+02	0.00E+00	1.32E-08	7.18E+07	3.37E+02	0.00E+00	1.82E+01	0.00E+00	1.88E+02	2.12E+02	1.88E+02	1.88E+02	1.82E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E+03
FL492A	-1.04E+02	-4.44E-01	1.68E+02	-6.39E-01	0.00E+00	0.00E+00	4.82E-01	-5.11E-04	-1.84E-04	-1.18E+02	0.00E+00	0.00E+00	-7.82E-08	-7.19E-08	5.99E+03	-3.78E+00	0.00E+00	0.00E+00	-4.58E+00	0.00E+00	3.00E+00	0.00E+00	-3.38E-08	-8.54E-09	-8.07E-04	0.00E+00	-3.72E-01	0.00E+00	3.00E+00	-3.02E-05	3.00E+00	-1.08E+00	-3.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.74E+02
FL493A	9.15E+03	-6.49E-01	2.02E+02	-6.99E-01	0.00E+00	0.00E+00	2.68E-01	-5.19E-04	-2.04E-04	-1.20E+02	0.00E+00	0.00E+00	-1.19E-08	-8.71E-08	1.97E-04	-3.78E+00	0.00E+00	0.00E+00	-4.67E+00	0.00E+00	1.88E+00	0.00E+00	-3.80E-08	-2.17E-08	-1.73E+02	0.00E+00	-4.87E-01	0.00E+00	1.88E+00	-3.35E-08	1.88E+00	-3.07E+00	-4.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
FL494A	-7.76E+03	-1.91E+00	1.88E+02	-4.99E+00	0.00E+00	0.00E+00	3.96E+00	-5.95E-04	1.71E+02	-1.71E+02	0.00E+00	0.00E+00	-1.56E-08	-5.38E-08	-1.97E-04	-4.15E+00	0.00E+00	0.00E+00	-2.95E+00	0.00E+00	-5.16E+00	0.00E+00	-5.42E-08	-1.91E+07	-2.97E+02	0.00E+00	-4.58E+01	0.00E+00	-5.16E+00	-4.51E+00	-5.16E+00	-4.58E+01	-4.58E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.94E+02
FL495A	-7.13E+03	-7.83E+01	3.33E+02	-1.51E+00	0.00E+00	0.00E+00	1.21E+01	-5.29E-04	8.26E-04	-2.27E+02	0.00E+00	0.00E+00	-2.09E-08	-7.73E-08	1.79E+02	-3.92E+00	0.00E+00	0.00E+00	-5.03E+00	0.00E+00	-4.37E+00	0.00E+00	-2.82E-08	-8.53E-08	-5.75E+02	0.00E+00	-6.18E+01	0.00E+00	-4.37E+00	-4.13E+02	-4.37E+00	-4.42E+00	-6.18E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.58E+02
FL496A	-4.02E-04	-4.33E-01	4.28E+02	-8.34E-01	0.00E+00	0.00E+00	1.32E+01	-6.03E-04	7.44E-04	-1.08E+02	0.00E+00	0.00E+00	-2.11E+08	-6.85E-08	3.71E+02	-3.94E+00	0.00E+00	0.00E+00	-2.14E+00	0.00E+00	2.73E+00	0.00E+00	8.62E-08	-9.95E-08	-5.83E-02	0.00E+00	-9.44E-01	0.00E+00	2.73E+00	-2.22E+02	2.73E+00	1.83E+00	-9.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
FL500A	-2.98E+02	-3.89E-01	4.98E+02	-7.88E-01	0.00E+00	0.00E+00	1.93E+00	-4.44E-04	8.88E-04	-1.34E+02	0.00E+00	0.00E+00	-1.09E-08	-4.28E-08	5.92E+02	-3.84E+00	0.00E+00	0.00E+00	-3.18E+00	0.00E+00	2.35E+00	0.00E+00	-1.43E-08	-8.81E-08	-3.80E+02	0.00E+00	7.28E-01	0.00E+00	-2.30E+00	-2.91E-03	-2.30E+00	-3.37E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.47E+02
FL500B	-1.34E+02	-1.88E+00	2.98E+02	-1.73E+00	0.00E+00	0.00E+00	1.27E+00	-1.23E-03	8.21E-04	-7.92E-03	0.00E+00	0.00E+00	9.37E-08	-1.25E-07	-1.82E-01	-2.80E+01	0.00E+00	0.00E+00	-1.89E+01	0.00E+00	9.37E+00	0.00E+00	-1.48E-08	-7.39E-08	-5.07E-02	0.00E+00	-1.22E-01	0.00E+00	-9.37E+00	-4.97E-05	9.37E+00	-1.41E+01	-1.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+02
FL500E	-2.21E+02	-6.23E-01	4.28E+02	-1.98E+00	0.00E+00	0.00E+00	1.34E+00	-4.44E-04	8.84E-04	-1.36E+02	0.00E+00	0.00E+00	-1.12E-08	-9.84E-08	7.28E+02	-3.90E+00	0.00E+00	0.00E+00	-4.88E+00	0.00E+00	4.34E+00	0.00E+00	-8.85E-08	-8.57E-08	-3.88E+02	0.00E+00	-5.27E-01	0.00E+00	-4.34E+00	-5.92E+00	-5.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.41E+02	
FL501A	-2.18E+02	-4.97E-01	4.43E+02	-1.88E+00	0.00E+00	0.00E+00	1.63E+00	-6.44E-04	-8.97E-04	-1.38E+02	0.00E+00	0.00E+00	-1.09E-08	-5.99E-08	-6.02E+02	-3.94E+00	0.00E+00	0.00E+00	-8.54E+00	0.00E+00	-3.37E+00	0.00E+00	-4.88E-08	-8.81E-08	-3.80E+02	0.00E+00	5.84E-01	0.00E+00	-3.37E+00	-2.91E-05	-3.37E+00	-4.34E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.97E+02
FL501B	-1.27E+02	-1.78E+00	2.91E+02	-1.88E+00	0.00E+00	0.00E+00	3.14E+00	-1.87E-03	7.38E-04	-6.47E+02	0.00E+00	0.00E+00	-8.84E-08	-1.39E-07	2.38E-01	-2.89E+01	0.00E+00	0.00E+00	-1.98E+01	0.00E+00	8.88E+00	0.00E+00	3.55E-08	-7.38E-08	-4.88E+02	0.00E+00	-1.34E+01	0.00E+00	-8.88E+00	-2.37E+02	-8.88E+00	-1.48E+01	-1.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.88E+02
FL501E	4.48E+03	-1.39E+00	4.43E+02	-1.94E+00	0.00E+00	0.00E+00	1.50E+01	-4.38E-04	-1.24E-03	-1.38E+02	0.00E+00	0.00E+00	-2.43E-08	-4.92E-08	-3.88E+02	-6.43E+00	0.00E+00	0.00E+00	-1.27E+00	0.00E+00	2.28E+01	0.00E+00	7.86E-08	-8.88E-08	-7.48E+02	0.00E+00	-3.18E+01	0.00E+00	-2.28E+01	-4.86E+02	-2.28E+01	-2.81E+01	-3.18E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.58E+02
FL502A	-2.16E+02	-4.97E-01	4.43E+02	-1.88E+00	0.00E+00	0.00E+00	1.63E+00	-6.44E-04	-8.97E-04	-1.38E+02	0.00E+00	0.00E+00	-1.09E-08	-5.92E-08	-6.02E+02	-3.94E+00	0.00E+00	0.00E+00	-8.54E+00	0.00E+00	-3.37E+00	0.00E+00	-4.88E-08	-8.81E-08	-3.80E+02	0.00E+00	5.84E+00	0.00E+00											

FL591E	1.26E+2	4.14E+0	1.75E+1	3.72E+0	0.00E+0	0.00E+0	5.20E+1	-8.01E-4	2.38E-4	1.31E+2	0.00E+0	0.00E+0	5.66E+0	3.76E+0	1.67E+1	-8.84E+0	0.00E+0	0.00E+0	4.66E+1	0.00E+0	7.31E+1	0.00E+0	4.60E+2	6.66E+2	0.00E+0	5.96E+0	0.00E+0	7.31E+1	3.21E+0	7.31E+1	8.00E+1	5.96E+0	0.00E+0	0.00E+0	1.57E+3	
FL592E	-3.74E+2	4.89E+0	-9.01E+2	-3.71E+0	0.00E+0	0.00E+0	-2.90E+1	-8.81E-4	-2.81E+3	-6.42E+2	0.00E+0	0.00E+0	8.15E+0	-1.83E+2	2.89E+2	-7.95E+0	0.00E+0	0.00E+0	-1.63E+1	0.00E+0	-4.21E+1	0.00E+0	-2.13E+2	5.07E+2	2.49E+2	0.00E+0	1.69E+0	0.00E+0	-4.21E+1	8.84E+0	-4.21E+1	-5.34E+1	1.69E+0	0.00E+0	0.00E+0	8.36E+2
FL600E	8.26E+2	3.32E+0	1.50E+1	3.26E+0	0.00E+0	0.00E+0	4.78E+1	-8.02E-4	1.35E+3	-7.53E+2	0.00E+0	0.00E+0	5.97E+0	2.46E+0	8.48E+2	-9.31E+0	0.00E+0	0.00E+0	4.41E+1	0.00E+0	6.67E+1	0.00E+0	3.46E+2	1.70E+2	6.91E+2	0.00E+0	4.36E+0	0.00E+0	6.67E+1	3.17E+0	6.67E+1	7.30E+1	4.36E+0	0.00E+0	0.00E+0	1.46E+3
FL601E	-3.66E+2	-6.81E+0	-1.05E+1	-4.46E+0	0.00E+0	0.00E+0	-4.30E+1	-4.48E-4	2.67E+3	-6.19E+2	0.00E+0	0.00E+0	8.17E+0	-2.10E+2	-4.06E+2	-8.00E+0	0.00E+0	0.00E+0	-2.44E+1	0.00E+0	-5.78E+1	0.00E+0	-2.36E+2	5.07E+2	2.43E+2	0.00E+0	1.90E+0	0.00E+0	-4.78E+1	9.53E+0	-5.78E+1	-4.90E+1	1.90E+0	0.00E+0	0.00E+0	-1.17E+3
FL602E	-3.73E+2	5.83E+0	9.32E+2	-3.87E+0	0.00E+0	0.00E+0	-3.56E+1	-7.32E-4	2.72E+3	-6.32E+2	0.00E+0	0.00E+0	8.37E+0	-8.25E+0	-5.51E+2	-8.00E+0	0.00E+0	0.00E+0	-1.78E+1	0.00E+0	-4.32E+1	0.00E+0	-2.66E+2	5.06E+2	2.37E+2	0.00E+0	1.16E+0	0.00E+0	-4.32E+1	1.94E+0	-4.32E+1	-5.75E+1	1.16E+0	0.00E+0	0.00E+0	9.76E+2
FL610E	-5.61E+3	-7.71E+1	9.20E+2	-1.36E+0	0.00E+0	0.00E+0	1.23E+2	-6.16E-3	4.88E+3	-1.36E+2	0.00E+0	0.00E+0	-2.51E+0	-1.34E+0	5.86E+2	-3.41E+0	0.00E+0	0.00E+0	-6.91E+0	0.00E+0	-1.15E+1	0.00E+0	-2.87E+0	-6.71E+0	-7.59E+0	0.00E+0	4.46E+0	0.00E+0	-1.15E+1	-6.17E+0	-1.15E+1	-4.71E+1	4.46E+0	0.00E+0	0.00E+0	-3.14E+3
FL620E	-7.57E+1	-7.71E+1	2.86E+2	-1.36E+0	0.00E+0	0.00E+0	-5.34E+2	-6.16E-4	1.61E+3	-1.61E+3	0.00E+0	0.00E+0	-2.51E+0	-8.82E+0	5.77E+0	-4.01E+0	0.00E+0	0.00E+0	-6.51E+0	0.00E+0	-1.15E+1	0.00E+0	-4.27E+0	-8.62E+0	-7.59E+0	0.00E+0	-9.47E+1	0.00E+0	-1.15E+1	-5.17E+0	-1.15E+1	-1.55E+1	-9.47E+1	0.00E+0	0.00E+0	-3.14E+3
FL630E	-8.26E+2	-1.47E+0	1.15E+2	-1.86E+0	0.00E+0	0.00E+0	3.73E+0	-6.00E-4	2.52E+4	3.32E+3	0.00E+0	0.00E+0	-2.34E+0	-6.74E+0	8.86E+2	-3.00E+0	0.00E+0	0.00E+0	-1.12E+1	0.00E+0	2.35E+1	0.00E+0	-8.82E+0	4.80E+0	-5.96E+2	0.00E+0	4.78E+1	0.00E+0	-2.35E+1	-4.42E+0	-2.35E+1	-3.00E+1	4.78E+1	0.00E+0	0.00E+0	-3.33E+3
FL640E	-5.56E+3	1.89E+0	1.15E+1	2.34E+0	0.00E+0	0.00E+0	3.70E+0	-2.25E-4	2.16E+4	8.87E+3	0.00E+0	0.00E+0	-8.19E+0	-8.26E+0	1.75E+1	-6.97E+1	0.00E+0	0.00E+0	2.81E+1	0.00E+0	3.88E+1	0.00E+0	2.20E+0	6.52E+0	3.02E+3	0.00E+0	4.88E+0	0.00E+0	3.88E+1	-1.61E+0	3.88E+1	4.00E+1	4.88E+0	0.00E+0	0.00E+0	8.07E+2
FL643A	-6.27E+3	-4.79E+1	1.56E+2	0.00E+0	0.00E+0	0.00E+0	2.64E+1	-1.04E+3	1.51E+4	-1.07E+2	0.00E+0	0.00E+0	-8.64E+0	-7.46E+0	8.81E+1	-1.42E+1	0.00E+0	0.00E+0	-1.12E+1	0.00E+0	3.64E+1	0.00E+0	-2.05E+0	-7.97E+0	-3.02E+3	0.00E+0	2.45E+0	0.00E+0	3.64E+1	-3.88E+0	-3.64E+1	-5.86E+0	2.45E+0	0.00E+0	0.00E+0	-5.96E+2
FL644A	-6.26E+3	-6.07E+1	5.27E+2	-1.23E+0	0.00E+0	0.00E+0	2.63E+1	-1.04E+3	5.02E+4	-1.13E+2	0.00E+0	0.00E+0	-8.52E+0	-7.75E+0	-1.55E+1	-1.42E+1	0.00E+0	0.00E+0	-1.12E+1	0.00E+0	3.56E+1	0.00E+0	9.71E+0	-7.97E+0	-3.02E+3	0.00E+0	2.35E+0	0.00E+0	-3.56E+0	-4.28E+0	-3.56E+0	-6.26E+0	-2.35E+0	0.00E+0	0.00E+0	-5.77E+2
FL645A	-5.66E+3	6.55E+1	5.19E+2	-1.06E+0	0.00E+0	0.00E+0	2.64E+1	-1.04E+3	4.16E+4	-1.06E+2	0.00E+0	0.00E+0	-8.56E+0	-7.44E+0	-1.46E+1	-1.42E+1	0.00E+0	0.00E+0	-1.13E+1	0.00E+0	3.47E+1	0.00E+0	1.10E+0	-8.06E+0	-3.02E+3	0.00E+0	2.36E+0	0.00E+0	3.47E+0	-4.28E+0	3.47E+0	-6.86E+0	-2.36E+0	0.00E+0	0.00E+0	5.05E+2
FL646A	-6.96E+2	-7.34E+1	5.36E+2	-1.37E+0	0.00E+0	0.00E+0	2.63E+1	-8.80E-4	8.60E+4	-1.22E+2	0.00E+0	0.00E+0	-9.02E+0	-8.06E+0	-1.53E+1	-1.46E+1	0.00E+0	0.00E+0	-1.21E+1	0.00E+0	4.62E+0	0.00E+0	7.36E+0	-8.33E+0	-4.22E+3	0.00E+0	2.53E+0	0.00E+0	-4.62E+0	-4.55E+0	-4.62E+0	-1.06E+1	2.53E+0	0.00E+0	0.00E+0	-6.02E+2
FL647A	-6.67E+2	-7.96E+1	5.13E+2	-1.34E+0	0.00E+0	0.00E+0	2.64E+1	-9.25E-4	4.36E+4	-1.12E+2	0.00E+0	0.00E+0	-8.41E+0	-8.05E+0	-1.64E+1	-1.47E+1	0.00E+0	0.00E+0	-1.16E+1	0.00E+0	4.59E+0	0.00E+0	8.92E+0	-8.69E+0	-4.22E+3	0.00E+0	2.68E+0	0.00E+0	-4.59E+0	-4.41E+0	-4.59E+0	-1.15E+1	2.68E+0	0.00E+0	0.00E+0	-6.02E+2
FL649A	-6.56E+3	-6.29E+1	5.36E+2	-1.34E+0	0.00E+0	0.00E+0	2.64E+1	-9.05E-4	4.28E+4	-1.05E+2	0.00E+0	0.00E+0	-8.31E+0	-7.36E+0	-1.54E+1	-1.47E+1	0.00E+0	0.00E+0	-1.16E+1	0.00E+0	4.51E+0	0.00E+0	6.87E+0	-8.67E+0	-4.22E+3	0.00E+0	2.64E+0	0.00E+0	-4.51E+0	-4.26E+0	-4.51E+0	-1.15E+1	2.64E+0	0.00E+0	0.00E+0	-5.96E+2
FL672E	-1.53E+2	-6.43E+1	-1.11E+2	-6.32E+1	0.00E+0	0.00E+0	-4.15E+0	-8.49E-4	1.03E+3	-1.23E+2	0.00E+0	0.00E+0	-8.57E+0	-8.44E+0	-1.41E+2	-1.84E+0	0.00E+0	0.00E+0	-6.03E+0	0.00E+0	9.44E+0	0.00E+0	-4.20E+0	-8.35E+0	-5.26E+3	0.00E+0	-7.25E+1	0.00E+0	-9.44E+0	-3.57E+0	-6.44E+0	-1.02E+1	-7.25E+1	0.00E+0	0.00E+0	-2.76E+2
FL701L	4.15E+2	6.57E+0	6.50E+2	5.50E+0	0.00E+0	0.00E+0	1.22E+1	-6.07E-4	2.72E+3	-7.71E+2	0.00E+0	0.00E+0	-2.65E+0	-2.83E+2	9.48E+2	-3.12E+0	0.00E+0	0.00E+0	-3.52E+1	0.00E+0	-5.57E+1	0.00E+0	-3.64E+2	2.24E+2	-1.84E+2	0.00E+0	4.47E+0	0.00E+0	-5.57E+1	2.26E+0	-5.57E+1	-5.68E+1	4.47E+0	0.00E+0	0.00E+0	-1.46E+3
FL702L	-4.24E+2	-5.99E+0	-2.19E+3	-6.42E+0	0.00E+0	0.00E+0	-1.34E+1	-4.73E-4	2.66E+3	-2.31E+2	0.00E+0	0.00E+0	-2.94E+0	-2.61E+2	8.67E+2	-3.25E+0	0.00E+0	0.00E+0	-3.52E+1	0.00E+0	-5.71E+1	0.00E+0	-3.74E+2	2.24E+2	-1.93E+2	0.00E+0	4.57E+0	0.00E+0	-5.71E+1	6.12E+0	-5.71E+1	-6.08E+1	4.57E+0	0.00E+0	0.00E+0	-1.46E+3
FL703L	4.16E+2	6.71E+0	7.97E+2	6.40E+0	0.00E+0	0.00E+0	-1.41E+1	-5.84E-4	2.81E+3	-1.62E+2	0.00E+0	0.00E+0	-2.90E+0	-2.64E+2	9.37E+2	-3.37E+0	0.00E+0	0.00E+0	-3.54E+1	0.00E+0	-5.64E+1	0.00E+0	-3.66E+2	2.35E+2	-1.66E+2	0.00E+0	3.66E+0	0.00E+0	-5.64E+1	6.71E+0	-5.64E+1	-6.05E+1	3.66E+0	0.00E+0	0.00E+0	-1.46E+3
FL706L	2.26E+2	4.74E+0	2.42E+1	5.36E+0	0.00E+0	0.00E+0	7.43E+1	1.41E-4	4.66E+3	4.58E+2	0.00E+0	0.00E+0	3.14E+0	1.60E+2	3.96E+1	8.76E+1	0.00E+0	0.00E+0	4.34E+1	0.00E+0	8.96E+1	0.00E+0	5.96E+2	4.24E+2	1.27E+2	0.00E+0	7.20E+0	0.00E+0	8.96E+1	8.62E+1	7.20E+0	8.96E+1	7.20E+0	0.00E+0	0.00E+0	1.47E+3
FL707L	4.82E+2	6.12E+0	-6.41E+2	6.60E+0	0.00E+0	0.00E+0	-1.48E+1	-3.06E-3	7.35E+3	-8.36E+2	0.00E+0	0.00E+0	-8.83E+0	-2.73E+2	-5.94E+2	-1.63E+1	0.00E+0	0.00E+0	-5.74E+1	0.00E+0	-8.38E+1	0.00E+0	-3.13E+2	7.66E+2	-4.36E+2	0.00E+0	-4.20E+0	0.00E+0	-8.38E+1	-1.74E+0	-8.38E+1	-6.05E+1	-4.20E+0	0.00E+0	0.00E+0	-2.46E+3
FL708L	4.66E+2	-3.03E+0	4.46E+2	-2.26E+0	0.00E+0	0.00E+0	-3.33E+1	-3.69E-4	4.41E+3	-1.01E+2	0.00E+0	0.00E+0	1.22E+0	-3.63E+2	1.99E+1	5.18E+0	0.00E+0	0.00E+0	-2.48E+0	0.00E+0	1.32E+1	0.00E+0	-5.52E+2	1.81E+2	8.83E+2	0.00E+0	1.99E+0	0.00E+0	-1.32E+1	1.31E+0	-1.32E+1	-1.10E+1	1.99E+0	0.00E+0	0.00E+0	-3.30E+2
FL712L	2.50E+2	-6.43E+0	2.63E+1	-4.57E+0	0.00E+0	0.00E+0	6.14E+1	-1.94E-4	3.36E+3	2.47E+2	0.00E+0	0.00E+0	1.41E+0	4.02E+0	1.56E+1	1.76E+1	0.00E+0	0.00E+0	-2.31E+1	0.00E+0	-2.70E+1	0.00E+0	1.36E+0	7.55E+2	3.79E+2	0.00E+0	1.77E+1	0.00E+0	-2.70E+1	2.36E+0	-2.70E+1	-2.84E+1	1.77E+1	0.00E+0	0.00E+0	-8.06E+2
FL713L	9.76E+2	-1.86E+1	-1.42E+1	-1.82E+1	0.00E+0	0.00E+0	-5.59E+1	-5.91E+3	1.02E+4	-1.91E+1	0.00E+0	0.00E+0	-1.63E+1	-5.72E+2	2.55E+1	-1.12E+1	0.00E+0	0.00E+0	-1.12E+1	0.00E+0	1.84E+1	0.00E+0	-6.15E+0	1.39E+2	-1.96E+2	0.00E+0	2.58E+0	0.00E+0	1.84E+1	-1.84E+1	-1.96E+2	-1.37E+2	2.58E+0	0.00E+0	0.00E+0	-4.66E+3
FL714L	-9.76E+2	-6.73E+0	1.84E+1	6.17E+0	0.00E+0	0.00E+0	-1.36E+1	-2.82E-4	2.56E+3	2.37E+2	0.00E+0	0.00E+0	1.27E+0	2.34E+0	4.77E+1	1.00E+1	0.00E+0	0.00E+0	-3.32E+1	0.00E+0	-5.52E+1	0.00E+0	5.26E+2	6.75E+2	3.18E+2	0.00E+0	1.38E+1	0.00E+0	-5.52E+1	1.94E+0	-5.52E+1	-5.66E+1	1.38E+1	0.00E+0	0.00E+0	-1.02E+3
FL715L	4.20E+2	1.55E+1	5.21E+1	9.89E+0	0.00E+0	0.00E+0	1.52E+2	-4.05E-4	8.66E+3	9.71E+2	0.00E+0	0.00E+0	1.65E+0	2.46E+2	8.21E+1	2.71E+1	0.00E+0	0.00E+0	1.05E+2	0.00E+0	1.66E+2	0.00E+0	1.25E+0	5.41E+2	2.72E+2	0.00E+0	1.77E+1	0.00E+0	1.66E+2	1.44E+0	1.66E+2	1.66E+2	1.77E+1	0.00E+0	0.00E+0	3.72E+3
FL716L	-5.65E+2	-1.39E+0	8.26E+2	-7.53E+1	0.00E+0	0.00E+0	1.87E+1	-4.20E-4	8.80E+3	-6.65E+2	0.00E+0	0.00E+0	1.71E+0	-3.71E+2	4.06E+1	9.86E+0	0.00E+0	0.00E+0	2.36E+0	0.00E+0	1.01E+1	0.00E+0	-1.12E+2	6.47E+2	3.47E+2	0.00E+0	2.43E+0	0.00E+0	1.01E+1	3.27E+0	1.01E+1	1.16E+1	2.43E+0	0.00E+0	0.00E+0	3.07E+2
FL721L	6.60E+2	1.44E+1	7.25E+1	1.36E+1	0.00E+0	0.00E+0	2.18E+2	4.32E-4	1.32E+2	1.40E+1	0.00E+0	0.00E+0	1.93E+0	4.71E+2	1.17E+0	3.86E+1	0.00E+0	0.00E+0	1.47E+2	0.00E+0	2.37E+2	0.00E+0	1.77E+0	7.56E+2	3.02E+2	0.00E+0	2.4									

FZ100A	-4.71E-03	-4.29E-01	1.38E-02	-6.81E-01	0.00E+00	0.00E+00	-9.36E-01	-3.47E-04	2.84E-04	-8.23E-03	0.00E+00	0.00E+00	-4.46E-08	-2.17E-08	-6.58E-02	-3.92E+00	0.00E+00	0.00E+00	-4.00E+00	0.00E+00	-4.48E+00	0.00E+00	-1.61E-08	-1.98E-08	-1.38E-03	0.00E+00	-4.48E+00	-9.23E-08	-4.48E+00	-9.04E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.71E+02
FZ131F	-8.80E-03	-1.18E+00	2.20E-02	-1.27E+00	0.00E+00	0.00E+00	6.78E+00	-6.33E-04	-1.07E-03	-1.26E-02	0.00E+00	0.00E+00	-1.63E-08	-3.71E-08	2.28E-02	-7.32E-01	0.00E+00	0.00E+00	-4.12E+00	0.00E+00	-6.28E+00	0.00E+00	1.78E-08	-1.23E-07	-7.69E-03	0.00E+00	-6.28E+00	-3.20E+00	-6.28E+00	-6.20E+00	8.91E-02	0.00E+00	0.00E+00	0.00E+00	2.30E+02
FZ132F	1.38E-02	2.92E+00	1.49E-01	2.77E+00	0.00E+00	0.00E+00	4.30E+01	8.97E-05	2.58E-03	2.84E-02	0.00E+00	-8.13E-05	7.45E-08	9.88E-08	2.21E-01	5.93E+00	0.00E+00	0.00E+00	3.00E+01	-2.91E-02	4.68E+01	0.00E+00	3.61E-07	1.58E-07	7.09E-03	-1.91E-05	4.77E+00	0.00E+00	4.68E+01	1.12E-05	4.68E+01	5.10E+01	4.77E+00	0.00E+00	1.08E+03
FZ141F	-2.72E-02	-5.18E+00	-5.59E-02	-5.10E+00	0.00E+00	0.00E+00	-1.58E+01	-1.64E-03	-4.49E-03	-9.28E-02	0.00E+00	0.00E+00	-4.55E-08	-1.61E-07	-7.11E-02	-7.69E+00	0.00E+00	0.00E+00	-3.20E+01	0.00E+00	-5.13E+01	0.00E+00	-2.23E-07	-4.19E-07	-2.49E-02	0.00E+00	-3.91E+00	0.00E+00	-5.13E+01	-8.84E-05	-5.13E+01	-5.48E+01	-3.91E+00	0.00E+00	-3.34E+02
FZ142F	-4.37E-02	-8.32E+00	-8.04E-02	-8.23E+00	0.00E+00	0.00E+00	-2.58E+01	-2.60E-03	-7.18E-03	-8.52E-02	0.00E+00	-4.56E-05	-7.23E-08	-2.97E-07	-1.28E-01	-1.38E+01	0.00E+00	0.00E+00	-5.11E+01	-1.83E-02	-8.34E+01	0.00E+00	-3.62E-07	-4.70E-07	-3.99E-02	-1.07E-05	-8.88E+00	0.00E+00	-8.34E+01	-1.41E-04	-8.34E+01	-8.92E+01	-8.88E+00	0.00E+00	-2.13E+03
FZ143F	-4.05E-02	-7.91E+00	-3.13E-02	-7.48E+00	0.00E+00	0.00E+00	-8.31E+00	-2.73E-03	-6.46E-03	-7.80E-02	0.00E+00	0.00E+00	-7.97E-08	-2.34E-07	-4.03E-02	-8.88E+00	0.00E+00	0.00E+00	-4.18E+01	0.00E+00	-6.89E+01	0.00E+00	-2.28E-07	-6.47E-07	-3.91E-02	0.00E+00	-3.92E+00	0.00E+00	-6.89E+01	-1.46E-04	-6.89E+01	-7.07E+01	-3.92E+00	0.00E+00	-1.83E+03
FZ151F	1.33E-02	2.84E+00	1.42E-01	2.70E+00	0.00E+00	0.00E+00	4.22E+01	8.95E-05	2.49E-03	2.74E-02	0.00E+00	-4.56E-05	7.15E-08	9.14E-08	1.98E-01	6.92E+00	0.00E+00	0.00E+00	2.88E+01	-1.83E-02	4.53E+01	0.00E+00	3.45E-07	1.59E-07	7.07E-03	-1.07E-05	4.74E+00	0.00E+00	4.53E+01	1.07E-05	4.53E+01	5.01E+01	4.74E+00	0.00E+00	1.01E+03
FZ152F	1.80E-02	3.97E+00	2.15E-01	3.75E+00	0.00E+00	0.00E+00	6.43E+01	-3.15E-05	3.47E-03	3.77E-02	0.00E+00	0.00E+00	6.42E-08	1.26E-07	3.43E-01	1.18E+01	0.00E+00	0.00E+00	4.09E+01	0.00E+00	6.66E+01	0.00E+00	5.11E-07	1.92E-07	9.95E-03	0.00E+00	7.15E+00	0.00E+00	6.66E+01	7.73E-08	6.66E+01	7.37E+01	7.15E+00	0.00E+00	1.42E+03
FZ152FM2	-4.18E-02	-8.88E+00	-8.61E-02	-8.90E+00	0.00E+00	0.00E+00	-2.43E+01	-2.44E-03	-8.90E-03	-8.23E-02	0.00E+00	0.00E+00	-8.93E-08	-2.44E-07	-1.33E-01	-7.30E+01	0.00E+00	0.00E+00	-4.97E+01	0.00E+00	-7.90E+01	0.00E+00	-3.91E-07	-6.84E-07	-3.82E-02	0.00E+00	-1.43E+01	0.00E+00	-7.90E+01	-1.32E-04	-7.90E+01	-9.33E+01	-1.43E+01	0.00E+00	2.02E+03
FZ153F	3.11E-02	6.70E+00	3.31E-01	6.36E+00	0.00E+00	0.00E+00	9.86E+01	1.98E-04	8.85E-03	6.43E-02	0.00E+00	0.00E+00	1.61E-08	2.12E-07	5.07E-01	1.76E+01	0.00E+00	0.00E+00	6.61E+01	0.00E+00	1.08E+02	0.00E+00	8.00E-07	3.50E-07	1.80E-02	0.00E+00	1.12E+01	0.00E+00	1.08E+02	2.46E-05	1.08E+02	1.19E+02	1.12E+01	0.00E+00	2.33E+03
FZ153FM2	-4.02E-03	-3.79E-01	1.38E-01	-6.13E-01	0.00E+00	0.00E+00	3.66E+01	-1.31E-03	-2.18E-04	-6.74E-02	0.00E+00	0.00E+00	-3.07E-08	-2.93E-08	2.24E-01	2.85E+00	0.00E+00	0.00E+00	9.40E+00	0.00E+00	2.13E+01	0.00E+00	3.01E-07	-1.44E-07	-1.02E-02	0.00E+00	3.21E+00	0.00E+00	2.13E+01	-8.89E-05	2.13E+01	-2.45E+01	3.21E+00	0.00E+00	1.54E+02
FZ161F	-3.67E-02	-6.99E+00	-7.81E-02	-6.91E+00	0.00E+00	0.00E+00	-2.18E+01	-2.19E-03	-8.02E-03	-7.18E-02	0.00E+00	-4.56E-05	-6.09E-08	-2.16E-07	-1.27E-01	-1.10E+01	0.00E+00	0.00E+00	-4.30E+01	-1.83E-02	-7.03E+01	0.00E+00	-3.94E-07	-5.84E-07	-3.36E-02	-1.07E-05	-8.84E+00	0.00E+00	-7.03E+01	-1.19E-04	-7.03E+01	-2.91E+01	-8.84E+00	0.00E+00	-1.79E+03
FZ162F	2.03E-02	4.48E+00	2.43E-01	4.22E+00	0.00E+00	0.00E+00	7.41E+01	-4.22E-05	3.94E-03	4.28E-02	0.00E+00	-4.56E-05	7.30E-08	1.45E-07	3.88E-01	1.12E+01	0.00E+00	0.00E+00	4.74E+01	-1.83E-02	7.97E+01	0.00E+00	5.89E-07	2.18E-07	1.08E-02	-1.07E-05	8.05E+00	0.00E+00	7.97E+01	8.54E-08	7.97E+01	8.38E+01	8.05E+00	0.00E+00	1.65E+03
FZ162FM2	-4.44E-03	-1.93E+00	1.30E-01	-1.96E+00	0.00E+00	0.00E+00	3.91E+01	-1.09E-03	5.92E-04	-8.42E-02	0.00E+00	0.00E+00	-2.79E-08	-8.62E-08	1.98E-01	-1.10E+02	0.00E+00	0.00E+00	1.17E+01	0.00E+00	1.79E+01	0.00E+00	2.37E-07	1.79E-07	-9.36E-03	0.00E+00	-1.32E+01	0.00E+00	1.79E+01	-9.40E-08	1.79E+01	3.77E+00	-1.32E+01	0.00E+00	2.66E+02
FZ163F	3.61E-02	7.77E+00	3.86E-01	7.30E+00	0.00E+00	0.00E+00	1.18E+02	2.30E-04	8.80E-03	7.47E-02	0.00E+00	0.00E+00	1.88E-08	2.46E-07	6.12E-01	1.97E+01	0.00E+00	0.00E+00	7.70E+01	0.00E+00	1.25E+02	0.00E+00	9.30E-07	4.07E-07	2.09E-02	0.00E+00	1.30E+01	0.00E+00	1.25E+02	2.89E-05	1.25E+02	1.38E+02	1.30E+01	0.00E+00	2.70E+03
FZ171F	1.76E-02	3.89E+00	1.88E-01	3.61E+00	0.00E+00	0.00E+00	5.58E+01	1.12E-04	3.32E-03	3.64E-02	0.00E+00	0.00E+00	9.30E-08	1.26E-07	2.98E-01	9.98E+00	0.00E+00	0.00E+00	3.74E+01	0.00E+00	8.10E+01	0.00E+00	4.53E-07	1.99E-07	1.02E-02	0.00E+00	6.37E+00	0.00E+00	8.10E+01	1.41E-08	6.10E+01	6.74E+01	6.37E+00	0.00E+00	1.92E+03
FZ172F	-7.18E-02	-1.37E+01	-1.49E-01	-1.38E+01	0.00E+00	0.00E+00	-4.26E+01	-4.29E-03	-1.18E-02	-1.48E-01	0.00E+00	0.00E+00	-8.13E-05	-1.13E-07	-2.28E-01	-2.14E+01	0.00E+00	0.00E+00	-8.41E+01	-2.91E-02	-1.37E+02	0.00E+00	-8.95E-07	-1.10E-08	-4.97E-02	-1.91E-05	-8.46E+00	0.00E+00	-1.37E+02	-3.20E-04	-1.37E+02	-4.46E+00	0.00E+00	-3.91E+03	
FZ173F	-1.02E-01	-1.92E+01	-2.08E-01	-1.90E+01	0.00E+00	0.00E+00	-5.90E+01	-6.09E-03	-1.88E-02	-1.98E-01	0.00E+00	0.00E+00	-1.89E-07	-6.00E-07	-2.89E-01	-2.88E+01	0.00E+00	0.00E+00	-1.18E+02	0.00E+00	-1.92E+02	0.00E+00	-8.39E-07	-1.58E-08	-6.29E-02	0.00E+00	-1.31E+01	0.00E+00	-1.92E+02	-3.29E-04	-1.92E+02	-2.05E+02	-1.31E+01	0.00E+00	4.38E+03
FZ181F	1.97E-02	4.24E+00	2.10E-01	4.03E+00	0.00E+00	0.00E+00	6.22E+01	1.26E-04	3.70E-03	4.07E-02	0.00E+00	0.00E+00	7.95E-08	1.34E-07	3.33E-01	1.12E+01	0.00E+00	0.00E+00	4.18E+01	0.00E+00	8.61E+01	0.00E+00	5.96E-07	2.22E-07	1.14E-02	0.00E+00	1.73E+00	0.00E+00	8.61E+01	1.58E-05	8.61E+01	7.93E+01	1.73E+00	0.00E+00	1.64E+03
FZ1870Z	-4.72E-03	-8.49E-03	1.88E-02	1.48E-01	0.00E+00	0.00E+00	1.20E+00	-5.24E-04	1.94E-04	-3.53E-03	0.00E+00	0.00E+00	-4.96E-08	-5.45E-08	9.18E-03	-2.18E+00	0.00E+00	0.00E+00	2.89E-01	0.00E+00	6.48E+00	0.00E+00	9.83E-08	-8.63E-08	-8.41E-04	0.00E+00	-4.18E-01	0.00E+00	6.48E+00	-3.29E-05	6.48E+00	3.91E+00	-4.18E-01	0.00E+00	1.90E+00
GE013EN	9.93E-03	2.78E+00	1.42E-01	2.84E+00	0.00E+00	0.00E+00	4.22E+01	-2.38E-04	2.30E-03	2.59E-02	0.00E+00	0.00E+00	1.19E-08	5.26E-08	2.23E-01	7.18E+00	0.00E+00	0.00E+00	2.97E+01	0.00E+00	4.57E+01	0.00E+00	3.46E-07	1.37E-07	6.90E-03	0.00E+00	4.57E+01	0.00E+00	4.57E+01	2.94E-08	4.57E+01	5.03E+01	4.57E+00	0.00E+00	5.02E+02
GE213EN	1.62E-02	3.52E+00	1.78E-01	3.30E+00	0.00E+00	0.00E+00	5.44E+01	1.04E-04	3.28E-03	3.37E-02	0.00E+00	0.00E+00	1.47E-08	1.16E-07	2.91E-01	9.41E+00	0.00E+00	0.00E+00	3.16E+01	0.00E+00	8.90E+01	0.00E+00	4.36E-07	1.76E-07	9.31E-03	0.00E+00	5.78E+00	0.00E+00	8.90E+01	6.92E-08	8.90E+01	8.38E+01	5.78E+00	0.00E+00	1.08E+03
GE313EN	-5.05E-02	-8.47E+00	-1.07E-01	-8.30E+00	0.00E+00	0.00E+00	-2.84E+01	-2.94E-03	-7.97E-03	-9.73E-02	0.00E+00	0.00E+00	-8.47E-08	-2.99E-07	-1.32E-01	-1.42E+01	0.00E+00	0.00E+00	-6.24E+01	0.00E+00	-9.42E+01	0.00E+00	-4.11E-07	-7.88E-07	-4.05E-02	0.00E+00	-6.89E+00	0.00E+00	-9.42E+01	-1.65E-04	-9.42E+01	-1.07E+02	-6.89E+00	0.00E+00	-2.02E+03
GE326EN	2.16E-02	4.88E+00	2.35E-01	4.44E+00	0.00E+00	0.00E+00	7.14E+01	1.38E-04	4.26E-03	4.48E-02	0.00E+00	0.00E+00	2.99E-08	1.93E-07	3.81E-01	1.25E+01	0.00E+00	0.00E+00	4.32E+01	0.00E+00	7.68E+01	0.00E+00	5.77E-07	2.36E-07	1.24E-02	0.00E+00	1.72E+00	0.00E+00	7.68E+01	1.12E-05	7.68E+01	8.45E+01	1.72E+00	0.00E+00	1.64E+03
GE413EN	2.07E-02	4.50E+00	2.25E-01	4.27E+00	0.00E+00	0.00E+00	6.87E+01	1.32E-04	4.12E-03	4.30E-02	0.00E+00	0.00E+00	2.74E-08	1.47E-07	3.67E-01	1.20E+01	0.00E+00	0.00E+00	4.19E+01	0.00E+00	7.39E+01	0.00E+00	5.95E-07	2.30E-07	1.19E-02	0.00E+00	7.41E+00	0.00E+00	7.39E+01	1.05E-05	7.39E+01	8.11E+01	7.41E+00	0.00E+00	1.42E+03
GE426EN	2.66E-02	5.88E+00	2.82E-01	5.30E+00	0.00E+00	0.00E+00	8.33E+01	1.69E-04	5.16E-03	5.45E-02	0.00E+00	0.00E+00	7.91E-08	1.92E-07	4.48E-01	1.56E+01	0.00E+00	0.00E+00	5.94E+01	0.00E+00	9.13E+01	0.00E+00	6.78E-07	2.97E-07	1.58E-02	0.00E+00	9.98E+00	0.00E+00	9.13E+01	9.10E-05	9.13E+01	1.07E+02	9.98E+00	0.00E+00	1.96E+03
GE626EN	-6.41E-02	-1.03E+01	-1.02E-01	-1.02E+01	0.00E+00	0.00E+00	-9.97E+01	-3.32E-03	-8.71E-03	-1.06E-01	0.00E+00	0.00E+00	-8.0																						